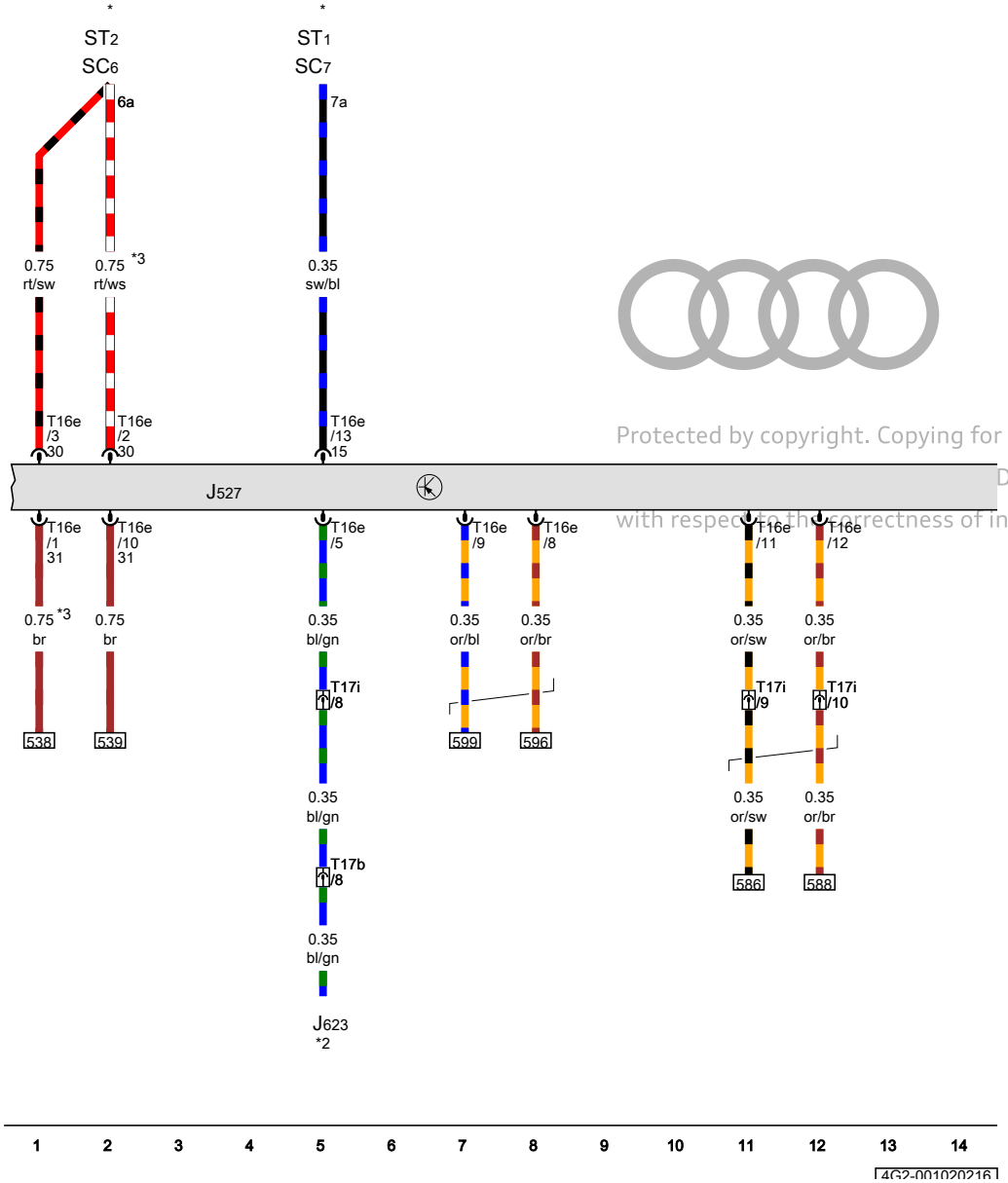
Basic equipment

From January 2011

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Steering column electronics control unit

J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Only models with heated steering wheel

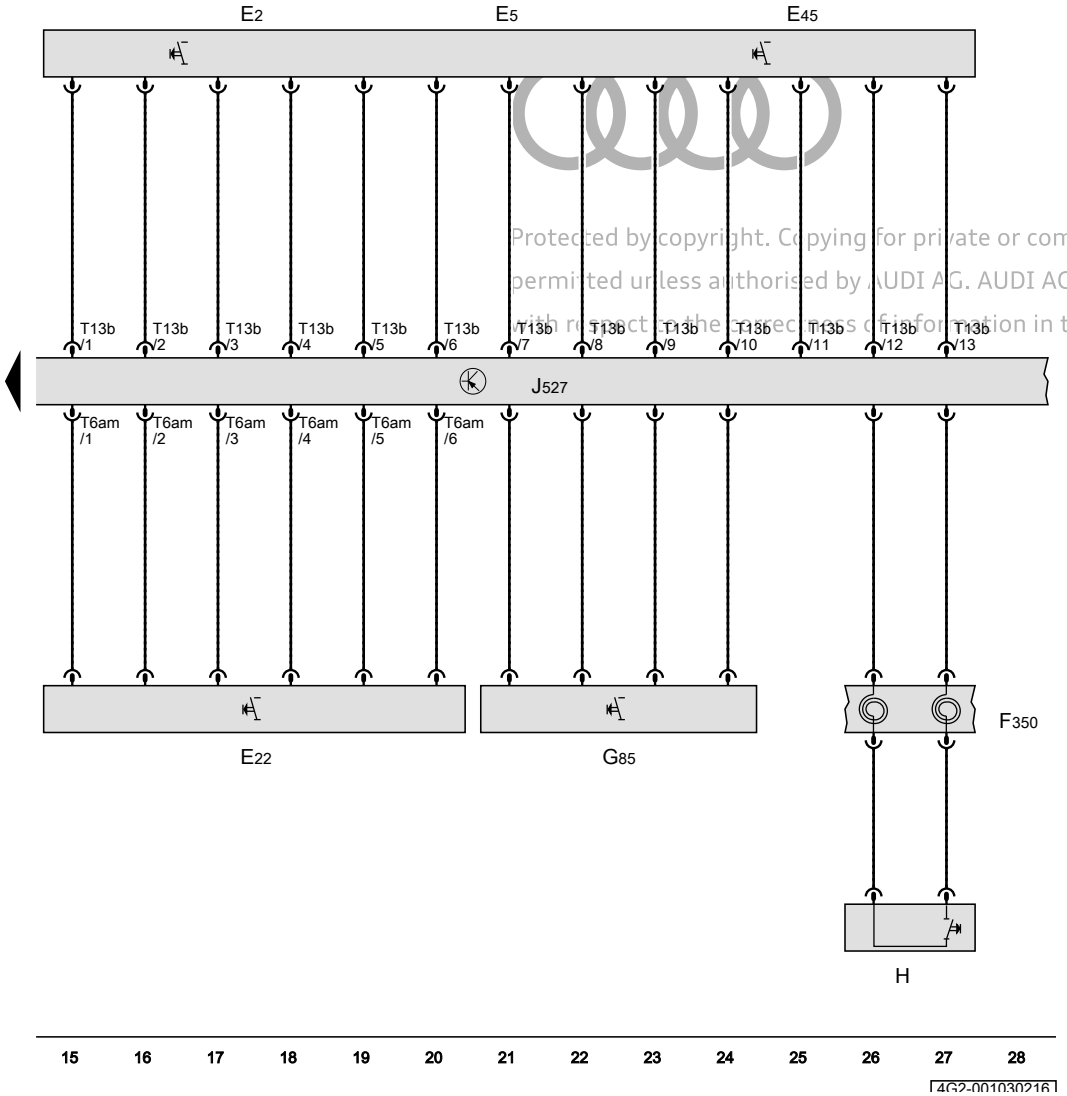


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Steering column electronics control unit

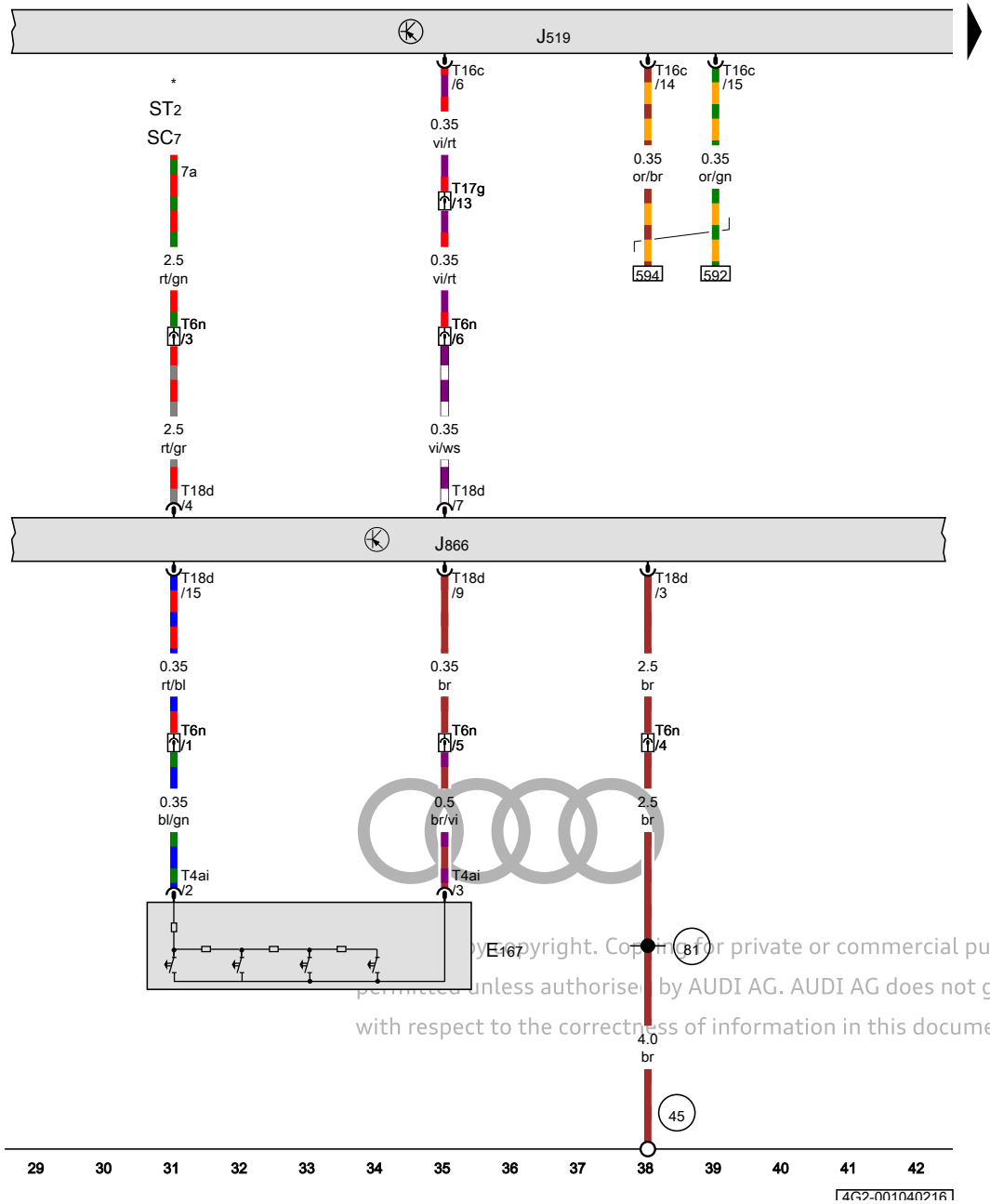
E2	Turn signal switch
E5	Headlight flasher switch
E22	Intermittent wiper switch
E45	Cruise control system switch
F350	Coil connector
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
T6am	6-pin connector
T13b	13-pin connector



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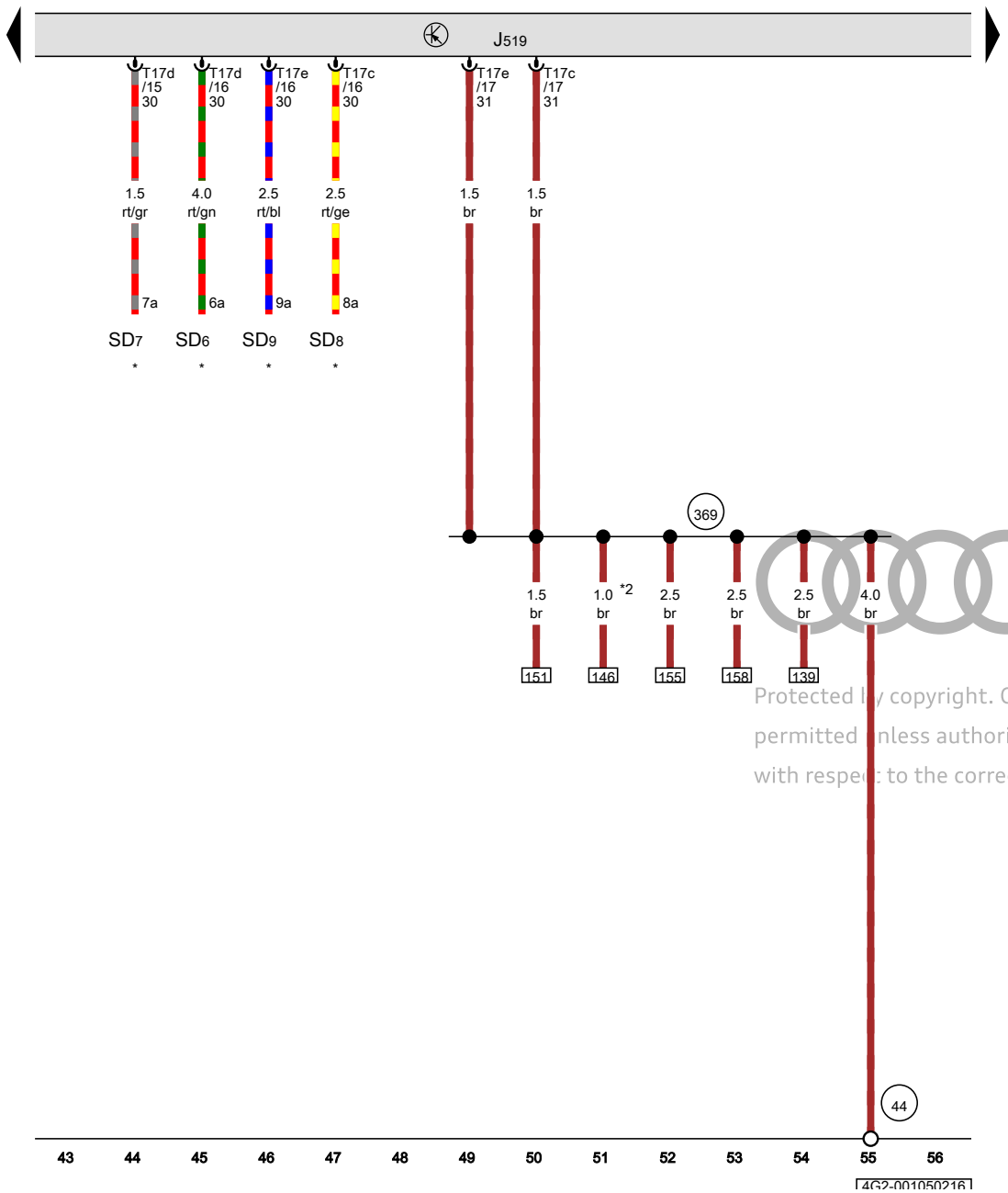
Steering column adjustment switch, Onboard supply control unit, Control unit for electrically adjustable steering column



E167	Steering column adjustment switch
J519	Onboard supply control unit
J866	Control unit for electrically adjustable steering column
ST2	Fuse carrier 2
SC7	Fuse 7 on fuse holder C
T4ai	4-pin connector
T6n	6-pin connector, behind steering column trim
T16c	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T18d	18-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
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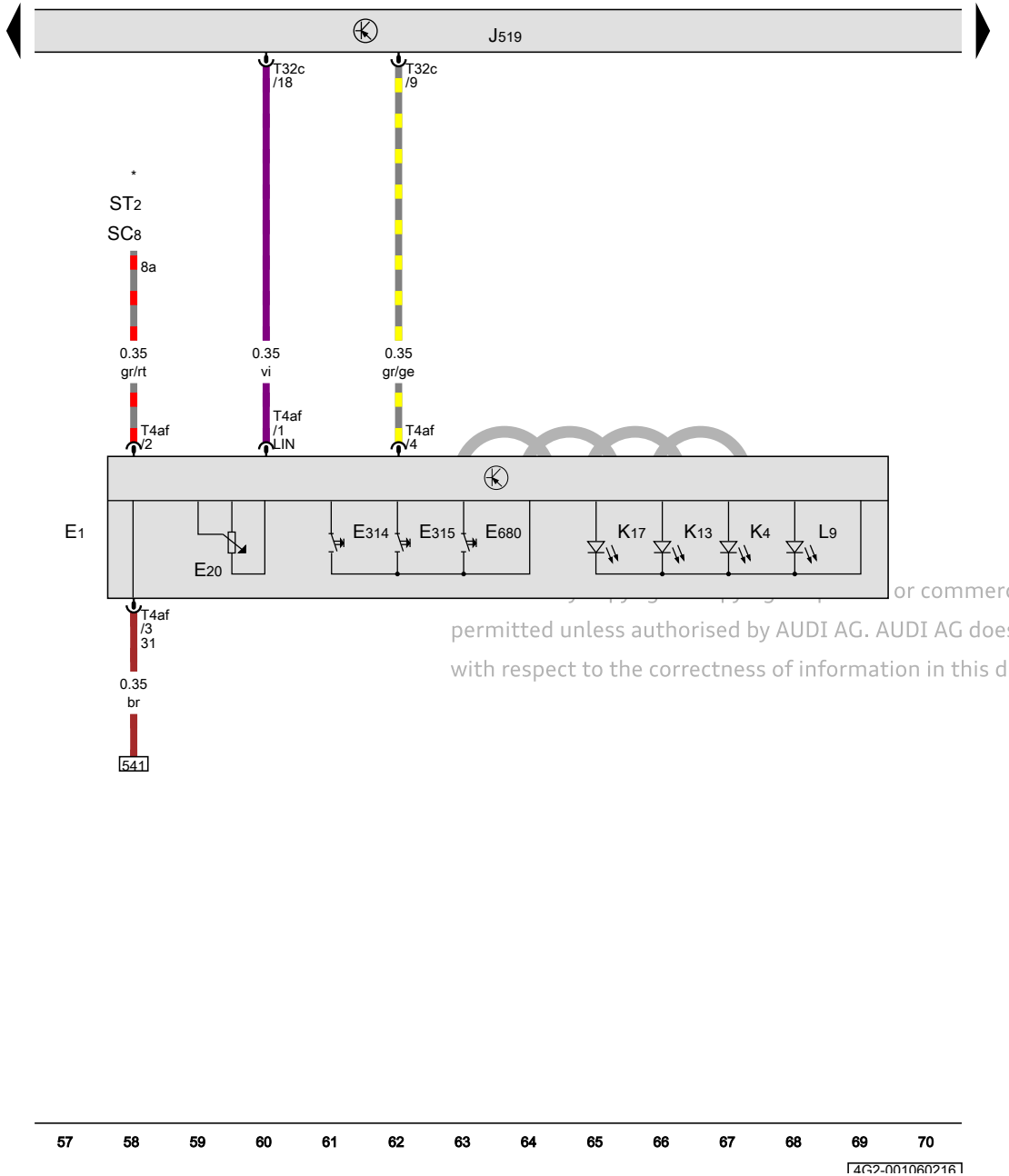


Onboard supply control unit

J519	Onboard supply control unit
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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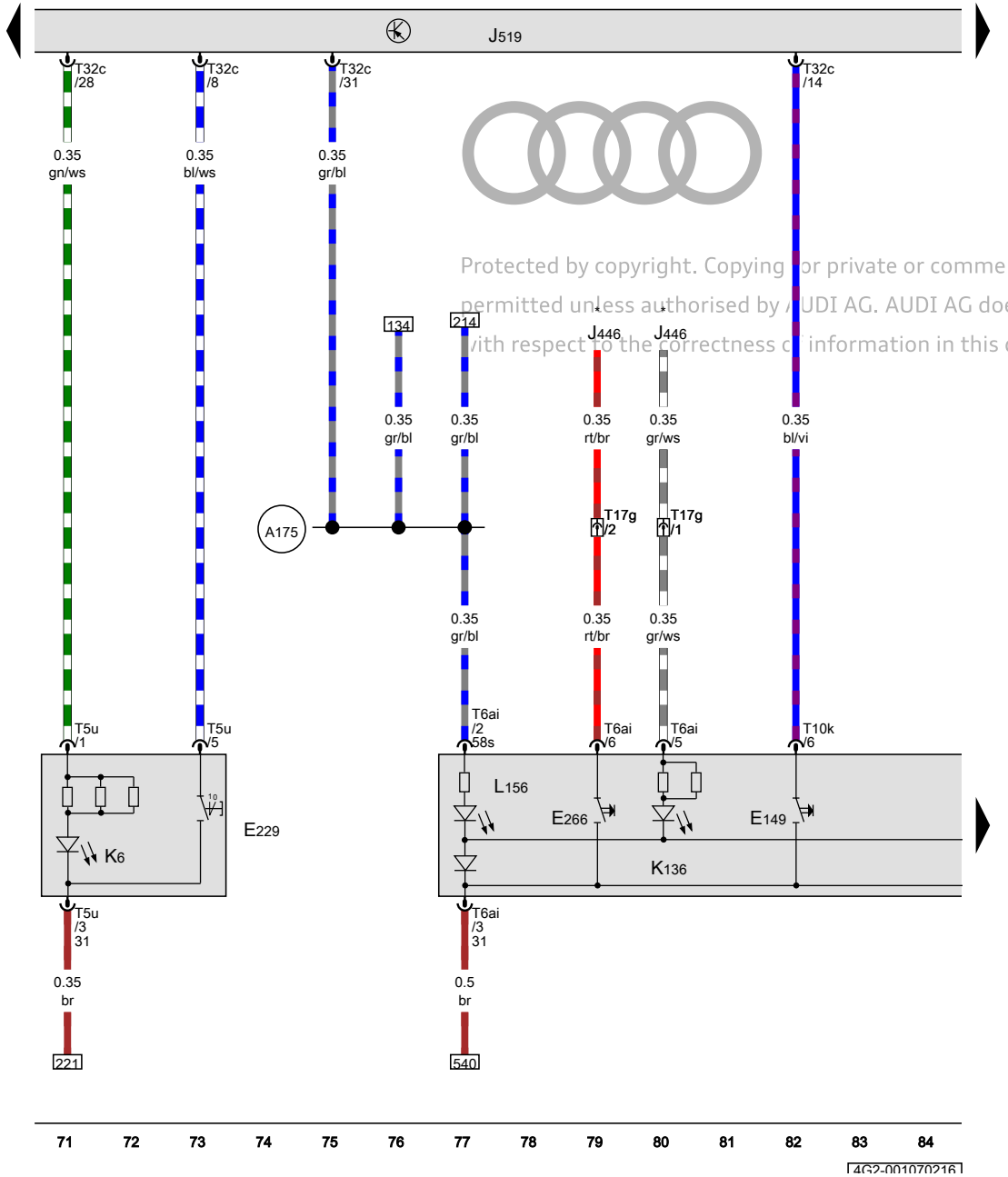
Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
*	see applicable current flow diagram for fuse assignment

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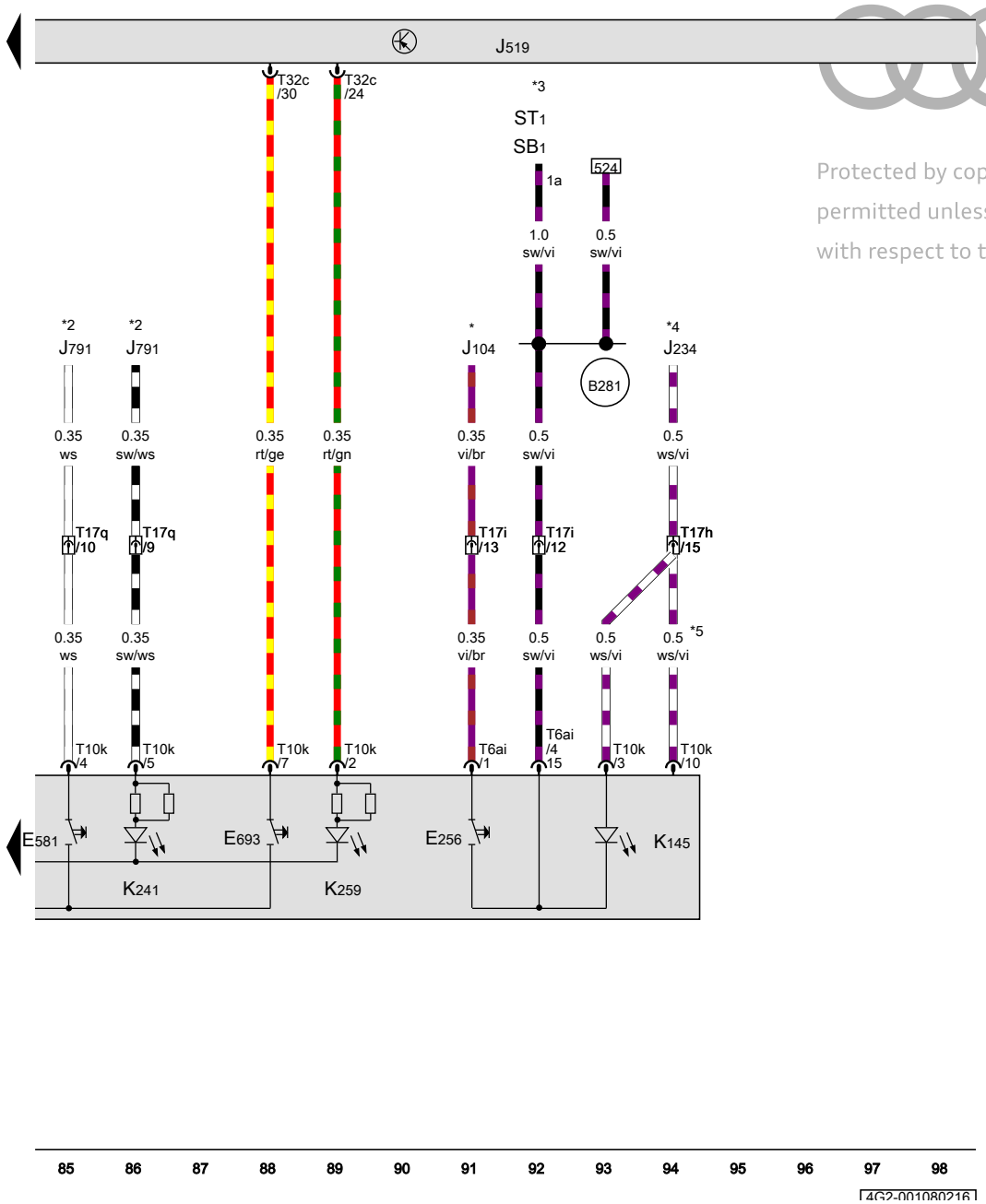
Hazard warning lights button, Onboard supply control unit



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E149	Rear roller blind switch
E229	Hazard warning lights button
E266	Parking aid button
J446	Parking aid control unit
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K136	Parking aid warning lamp
L156	Switch illumination bulb
T5u	5-pin connector
T6ai	6-pin connector
T10k	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
*	Only models with parking aid (PDC)

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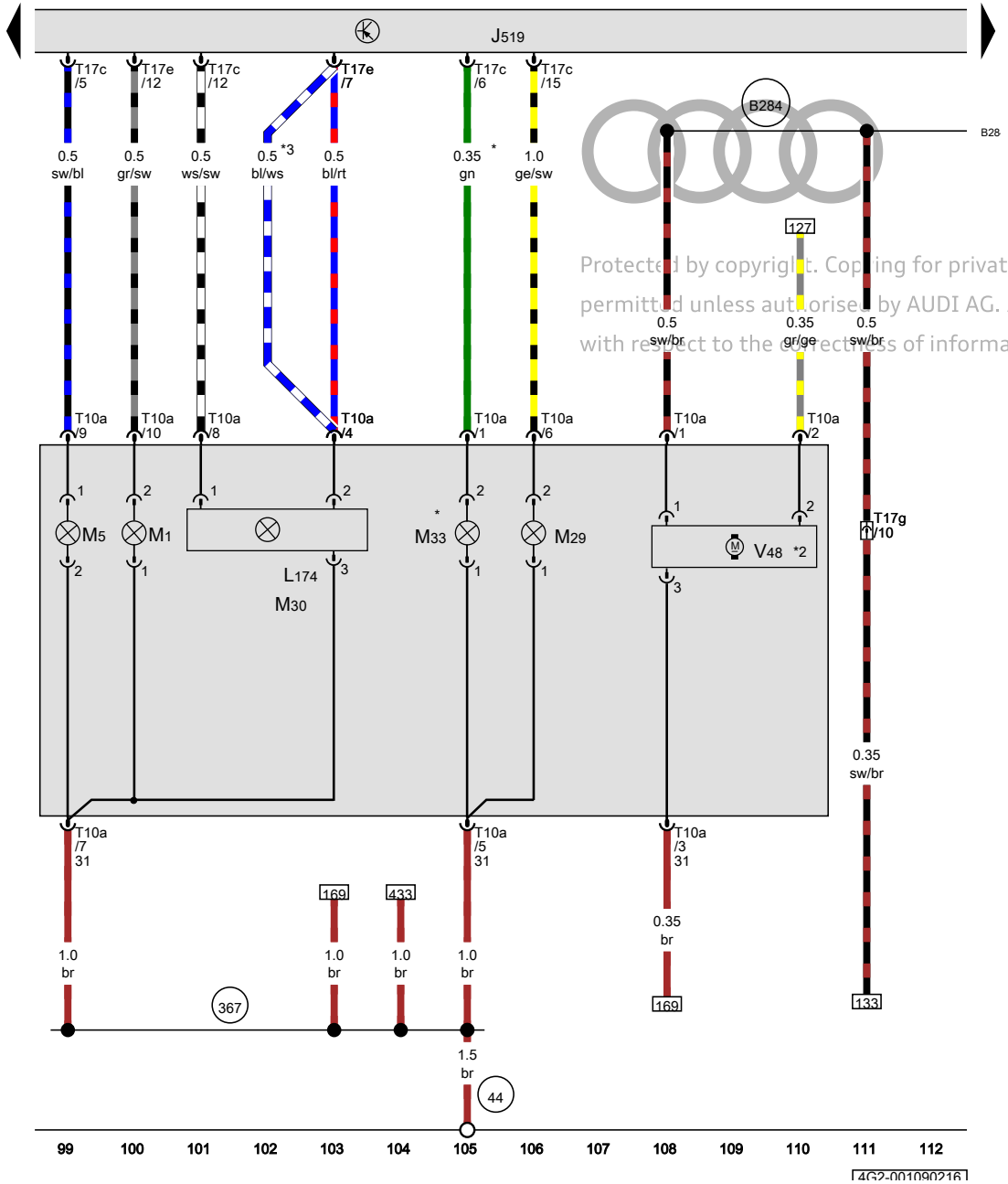
Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
E581	Park assist steering button
E693	Start/Stop operation button
J104	ABS control unit
J234	Airbag control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
K145	Front passenger side airbag deactivated warning lamp
K241	Warning light for park assist steering
K259	Start/Stop operation warning lamp
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
T6ai	6-pin connector
T10k	10-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17i	17-pin connector, in left A-pillar coupling station
T17q	17-pin connector, in coupling point in interior, right
T32c	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for ABS
*2	Only models with park assist steering
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram for airbag
*5	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor

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or	=	orange
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Onboard supply control unit, Left side light bulb, Front left turn signal bulb, Left headlight main beam bulb, Front left side marker bulb

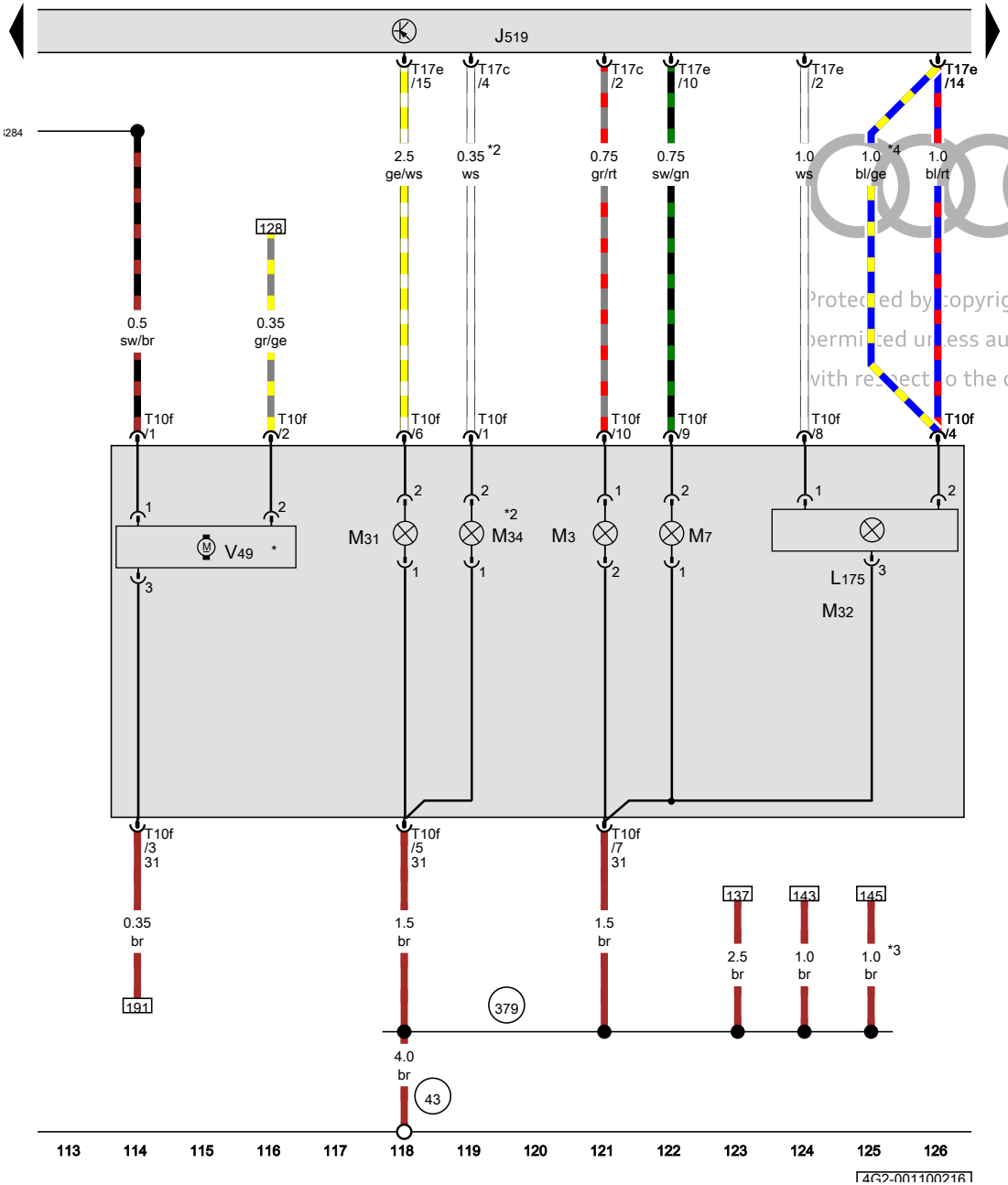


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J519	Onboard supply control unit
L174	Left daytime running light bulb
M1	Left side light bulb
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
T10a	10-pin connector
T17c	17-pin connector
T17e	17-pin connector
T17g	17-pin connector, in left A-pillar coupling station
V48	Left headlight range control motor
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	Only for American markets
*2	Only models with headlight range control
*3	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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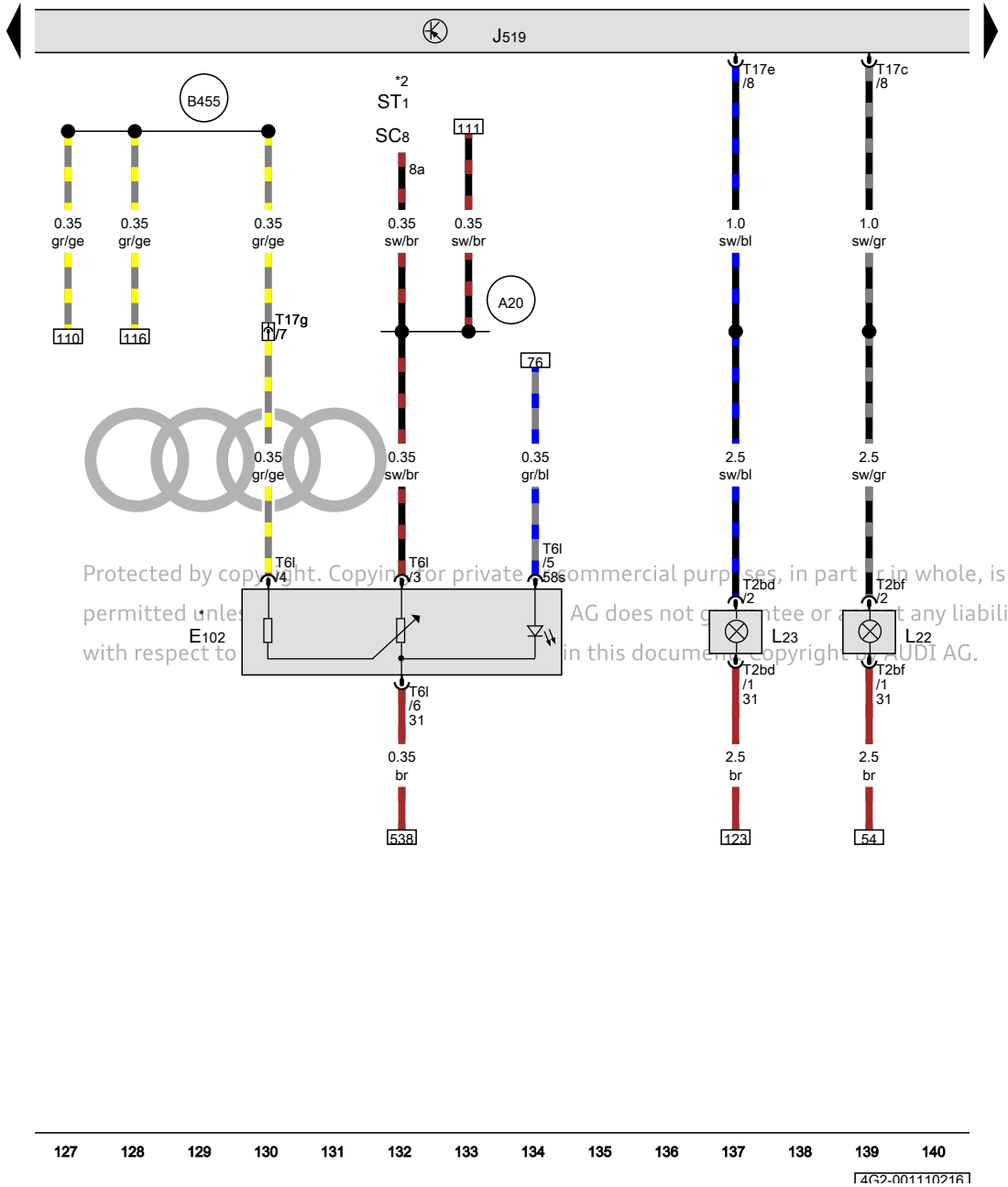
Onboard supply control unit, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb



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J519	Onboard supply control unit
L175	Right daytime running light bulb
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
M34	Front right side marker bulb
T10f	10-pin connector
T17c	17-pin connector
T17e	17-pin connector
V49	Right headlight range control motor
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	Only models with headlight range control
*2	Only for American markets
*3	According to equipment
*4	From June 2011

ws	=	white
sw	=	black
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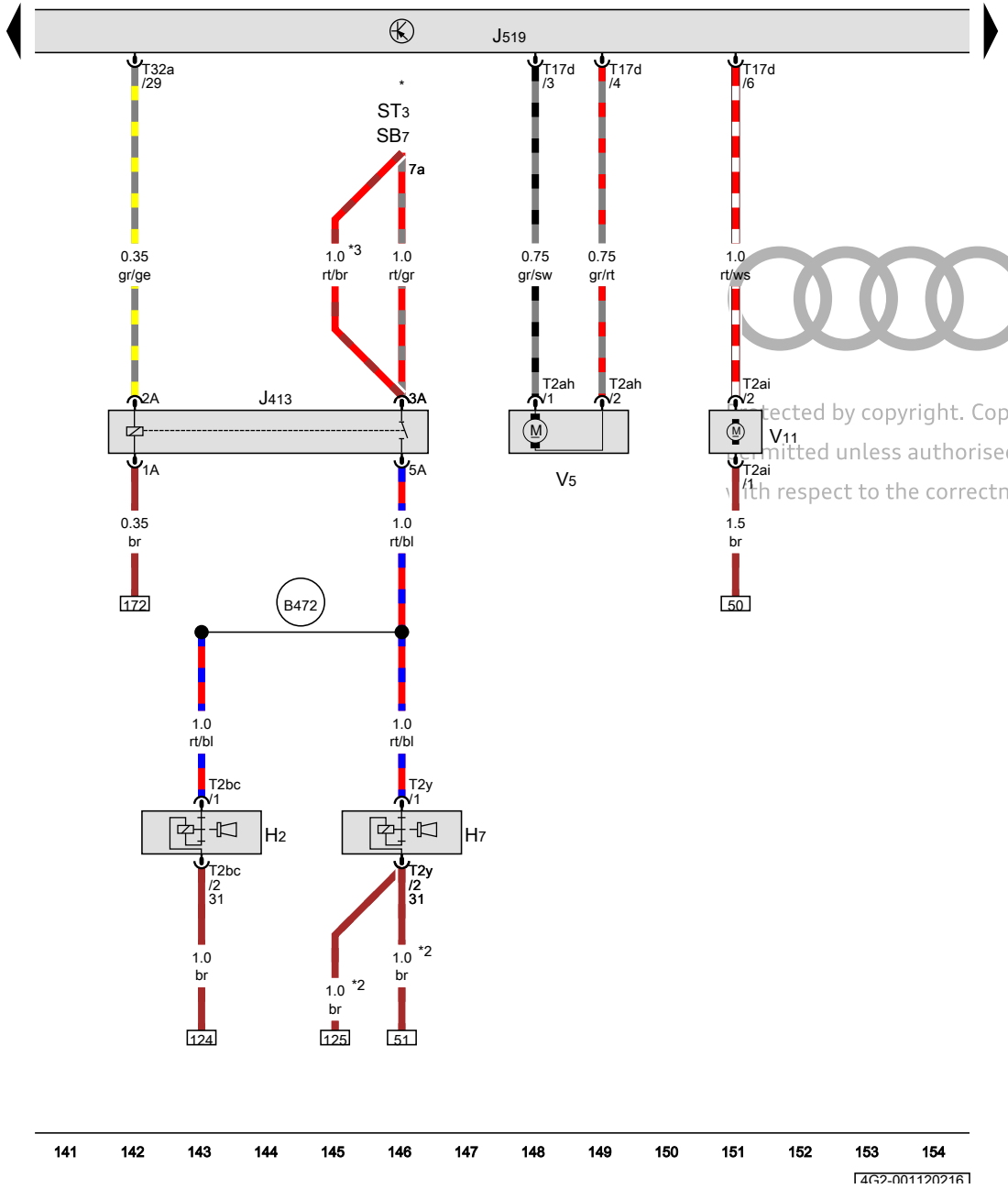
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Headlight range control regulator, Onboard supply control unit, Left fog light bulb, Right fog light bulb

E102	Headlight range control regulator
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
ST1	Fuse carrier 1
SC8	Fuse 8 on fuse holder C
T2bd	2-pin connector
T2bf	2-pin connector
T6l	6-pin connector
T17c	17-pin connector
T17e	17-pin connector
T17g	17-pin connector, in left A-pillar coupling station
A20	Positive connection (15a), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
*	Only models with headlight range control
*2	see applicable current flow diagram for fuse assignment

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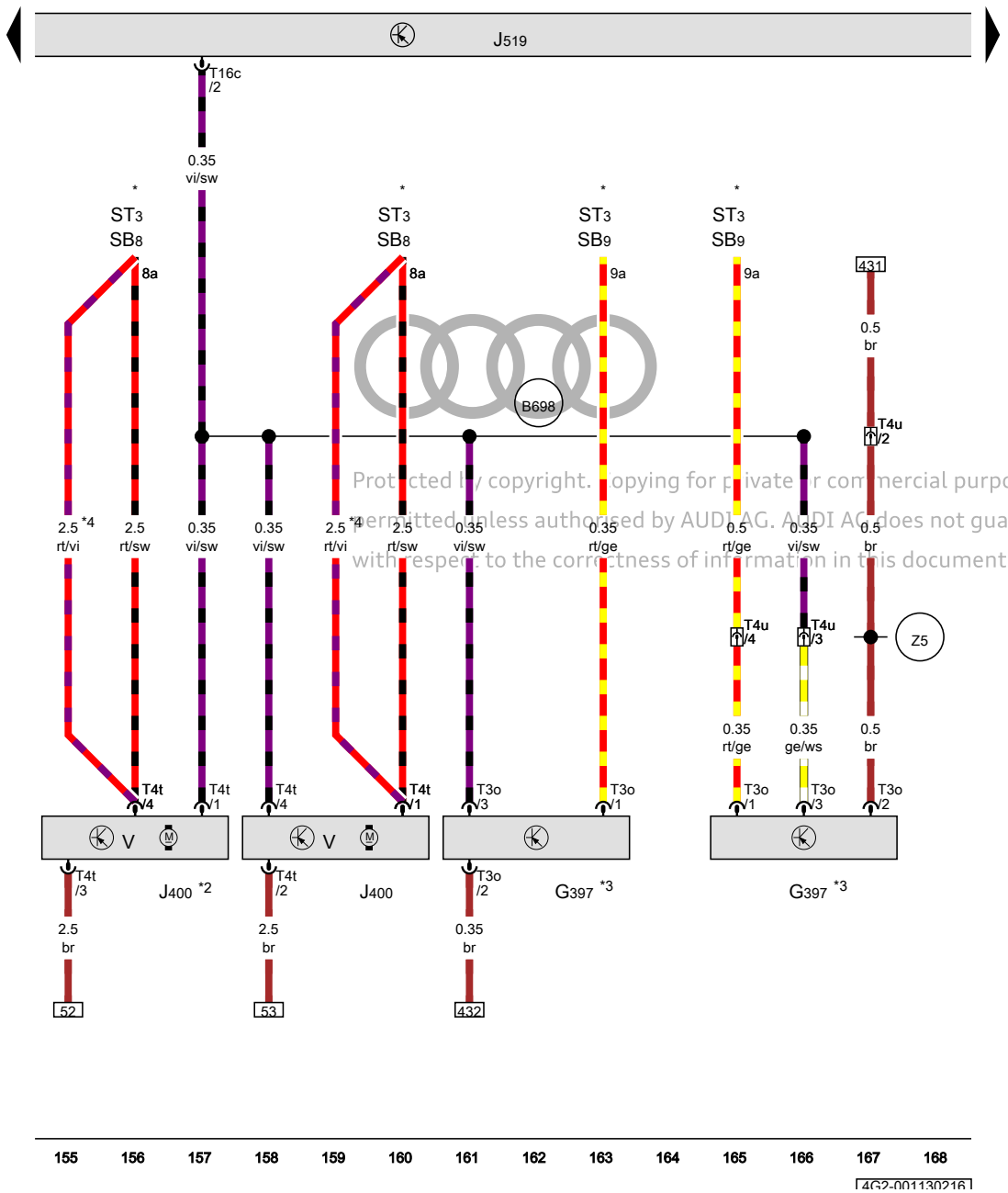
Treble horn, Bass horn, Horn relay, Onboard supply control unit, Washer pump, Headlight washer system pump



H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
T2ah	2-pin connector
T2ai	2-pin connector
T2bc	2-pin connector
T2y	2-pin connector
T17d	17-pin connector
T32a	32-pin connector
V5	Washer pump
V11	Headlight washer system pump
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	From June 2011

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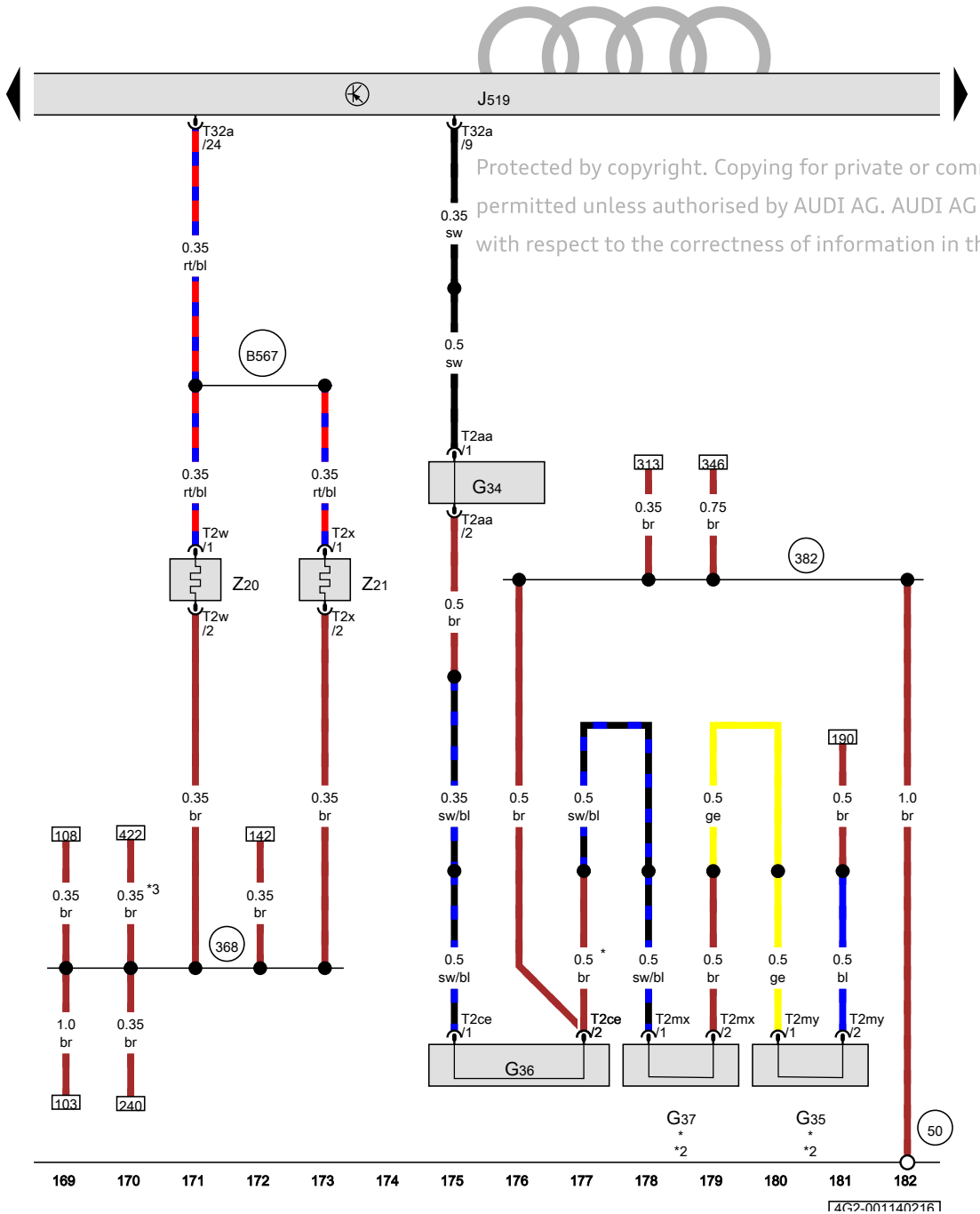


Rain and light sensor, Wiper motor control unit, Onboard supply control unit

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST3	Fuse carrier 3
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T4u	4-pin connector, near interior mirror
T16c	16-pin connector
V	Windscreen wiper motor
B698	Connection 3 (LIN bus) in main wiring harness
Z5	Connection, in window heating wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models
*3	According to equipment
*4	From June 2011

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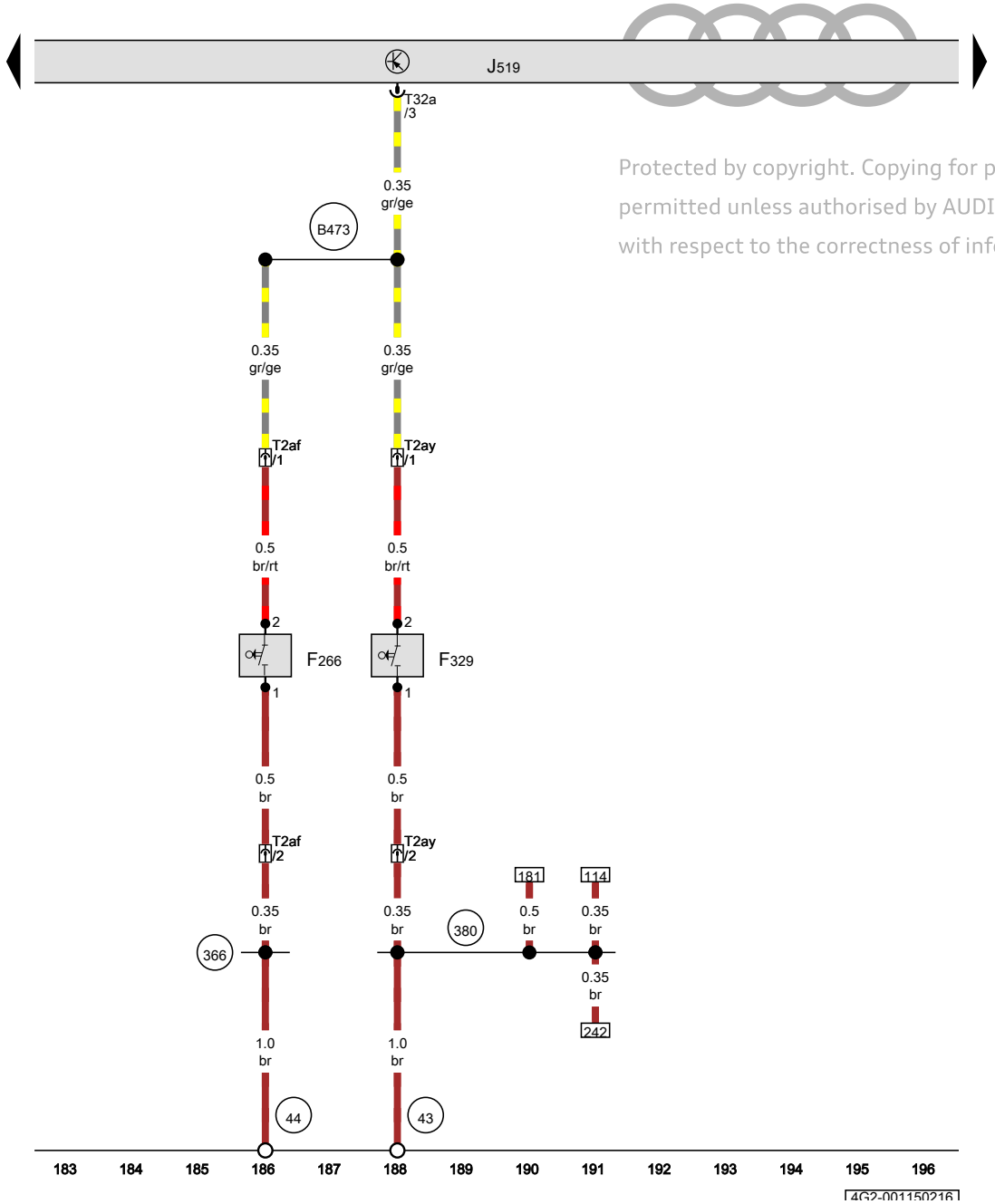


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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front left brake pad wear sender, Front right brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit, Left washer jet heater element

G34	Front left brake pad wear sender
G35	Front right brake pad wear sender
G36	Rear left brake pad wear sender
G37	Rear right brake pad wear sender
J519	Onboard supply control unit
T2aa	2-pin connector
T2ce	2-pin connector
T2mx	2-pin connector
T2my	2-pin connector
T2w	2-pin connector
T2x	2-pin connector
T32a	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
50	Earth point, on left in luggage compartment
368	Earth connection 3, in main wiring harness
382	Earth connection 17, in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment
*2	From June 2012
*3	Only models with automatic anti-dazzle interior mirror

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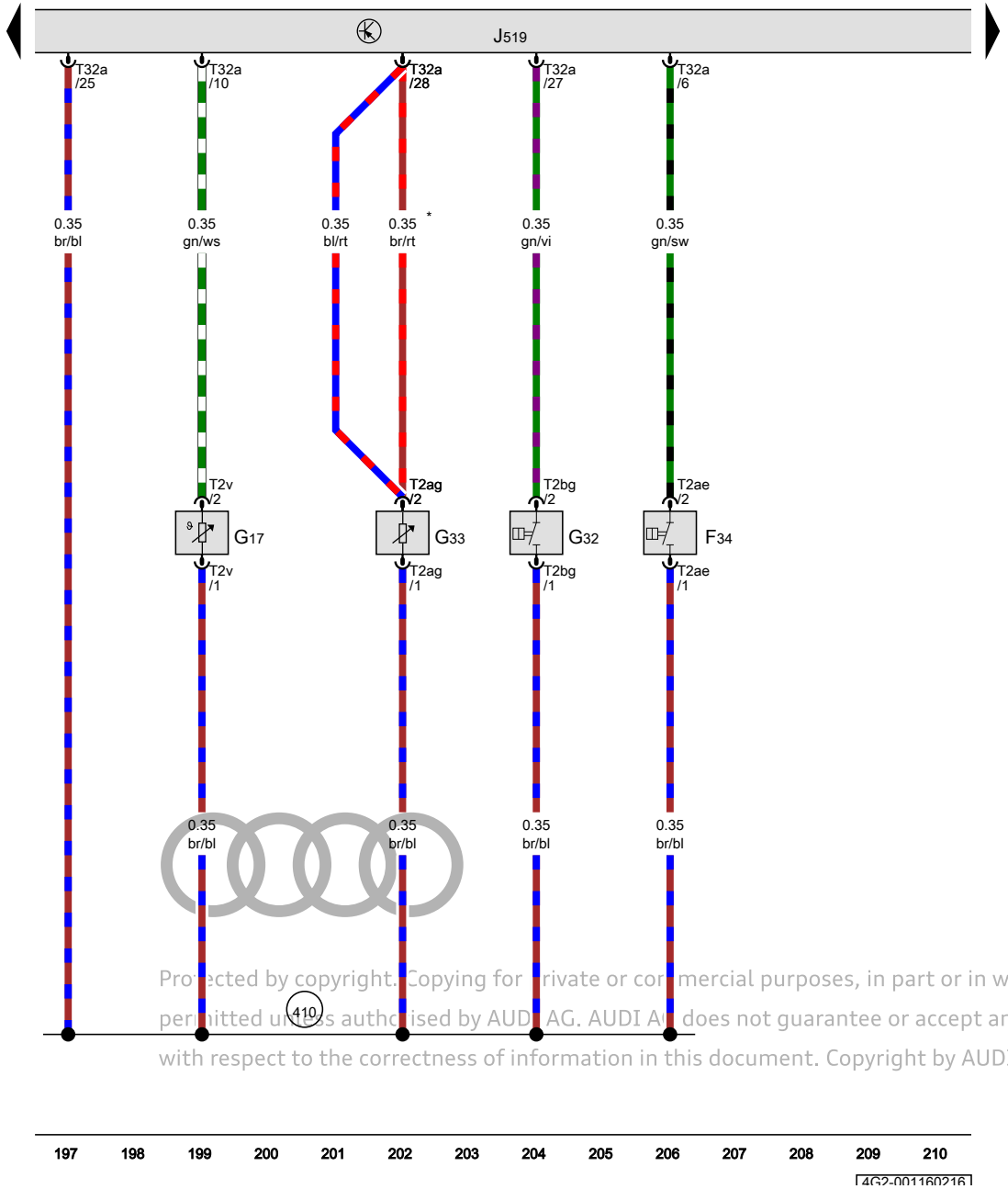


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Bonnet contact switch, Onboard supply control unit

F266	Bonnet contact switch
F329	Bonnet contact switch 2
J519	Onboard supply control unit
T2af	2-pin connector
T2ay	2-pin connector
T32a	32-pin connector
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
380	Earth connection 15, in main wiring harness
B473	Connection 9, in main wiring harness

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sw	=	black
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rt	=	red
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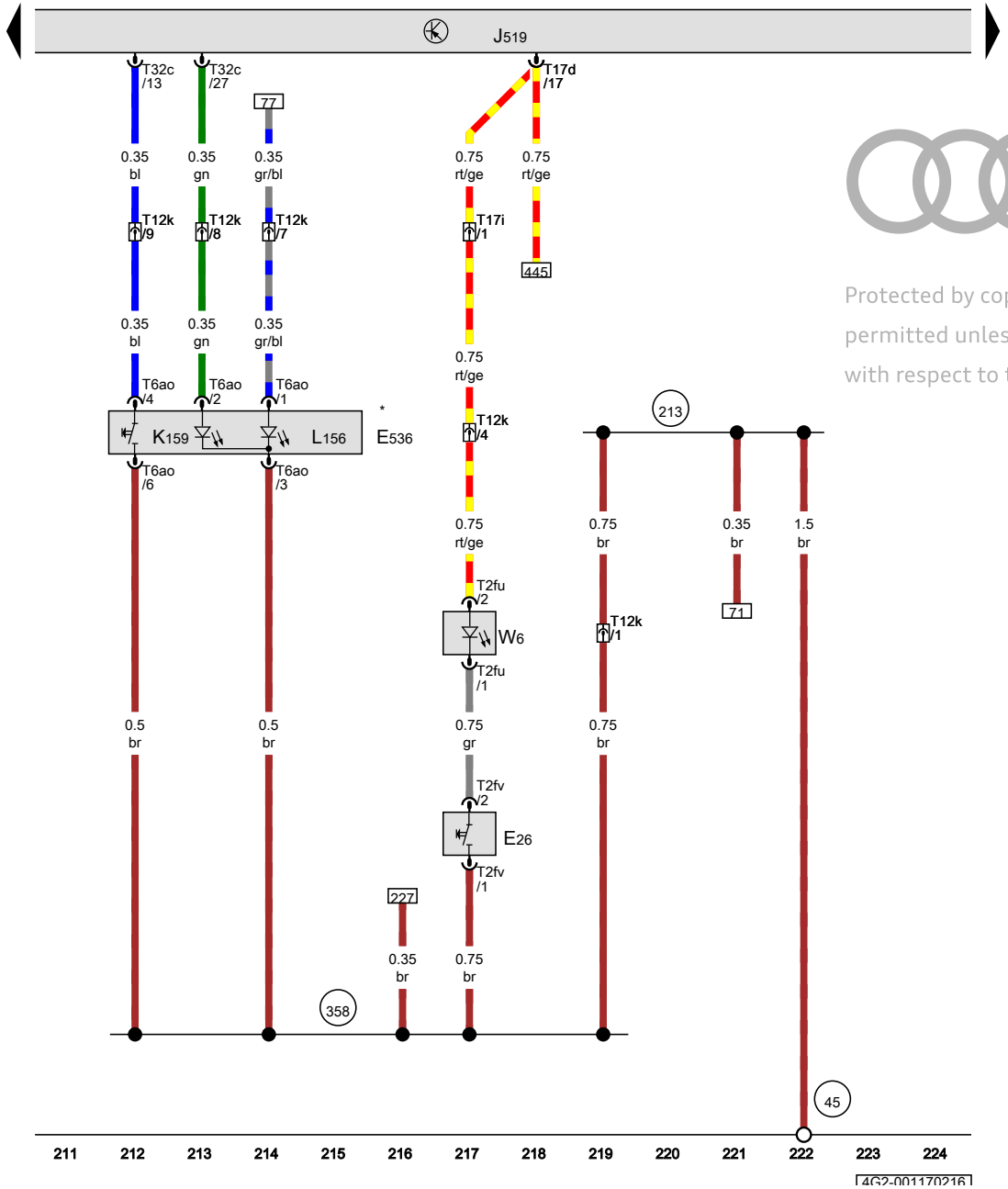


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Brake fluid level warning contact, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit

F34	Brake fluid level warning contact
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2ae	2-pin connector
T2ag	2-pin connector
T2bg	2-pin connector
T2v	2-pin connector
T32a	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	Only models with headlight washer system

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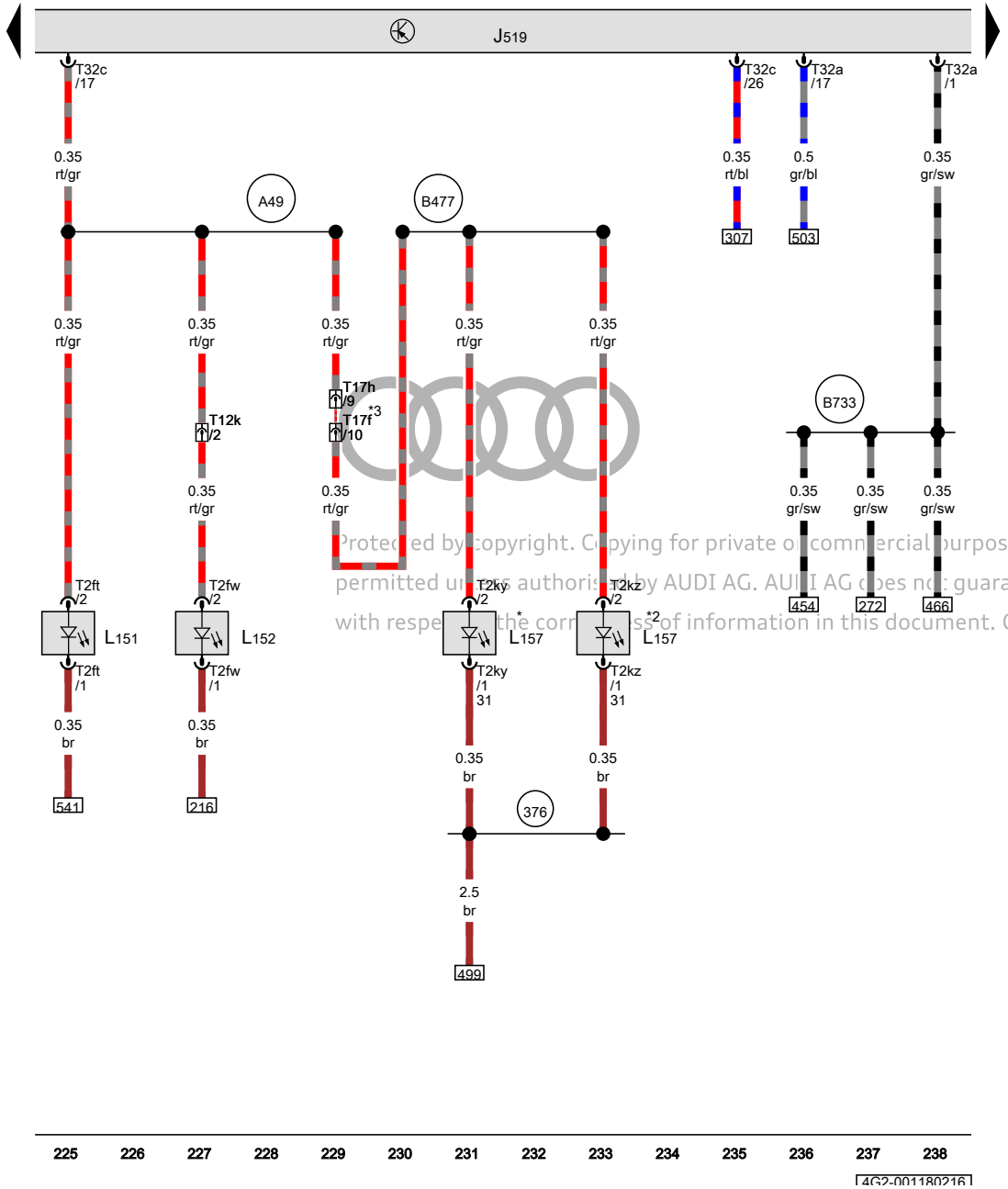


Glove compartment light switch, Valet parking button, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
E536	Valet parking button
J519	Onboard supply control unit
K159	Valet parking warning lamp
L156	Switch illumination bulb
T2fu	2-pin connector
T2fv	2-pin connector
T6ao	6-pin connector
T12k	12-pin connector, behind glove compartment
T17d	17-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
W6	Glove compartment light
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
358	Earth connection, in glove compartment wiring harness
*	Only for American markets

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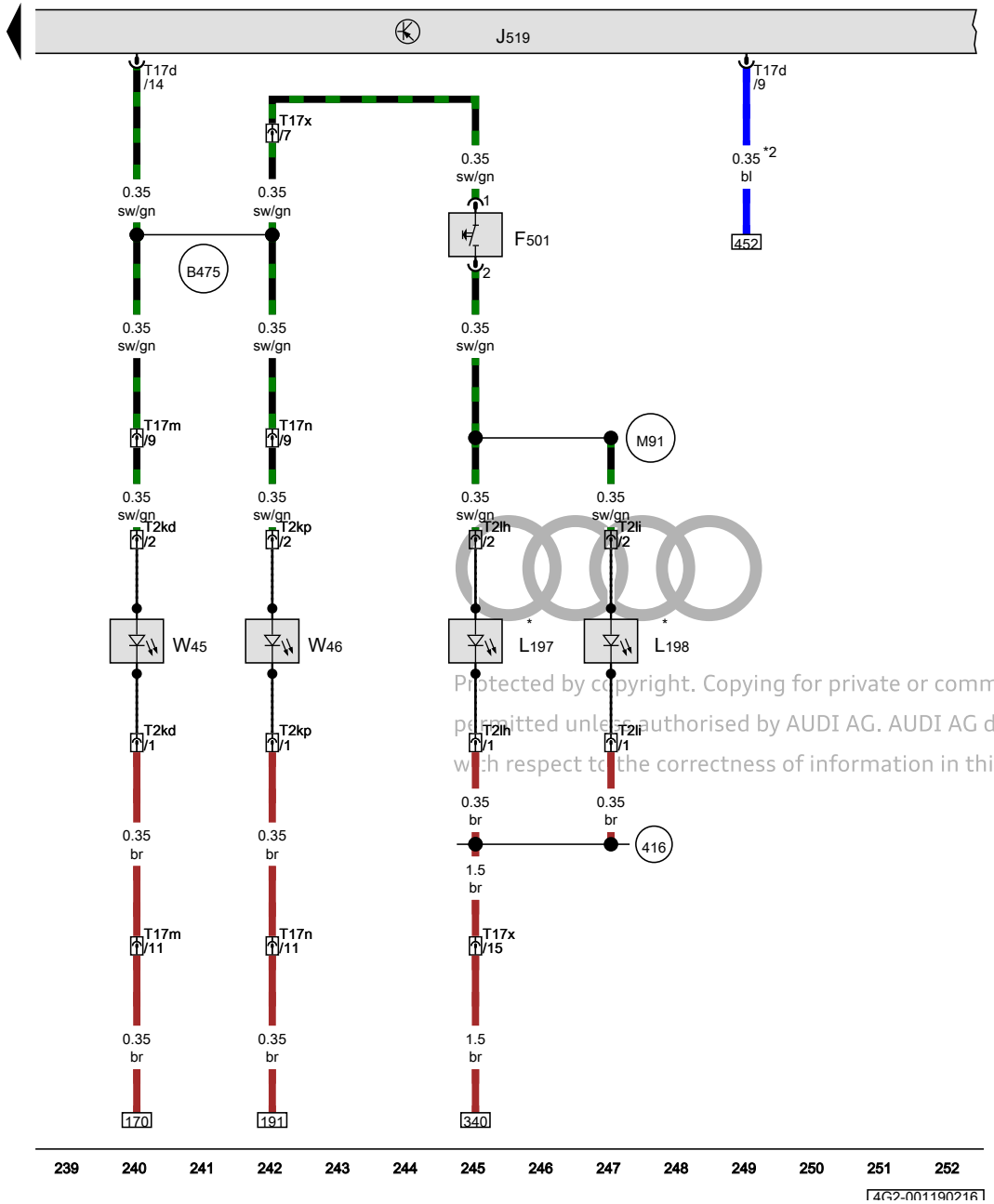


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Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Centre armrest illumination bulb

J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
L157	Centre armrest illumination bulb
T2ft	2-pin connector
T2fw	2-pin connector
T2ky	2-pin connector
T2kz	2-pin connector
T12k	12-pin connector, behind glove compartment
T17f	17-pin connector, in left A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32c	32-pin connector
376	Earth connection 11, in main wiring harness
A49	Connection 1, in dash panel wiring harness
B477	Connection 13, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	left
*2	right
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

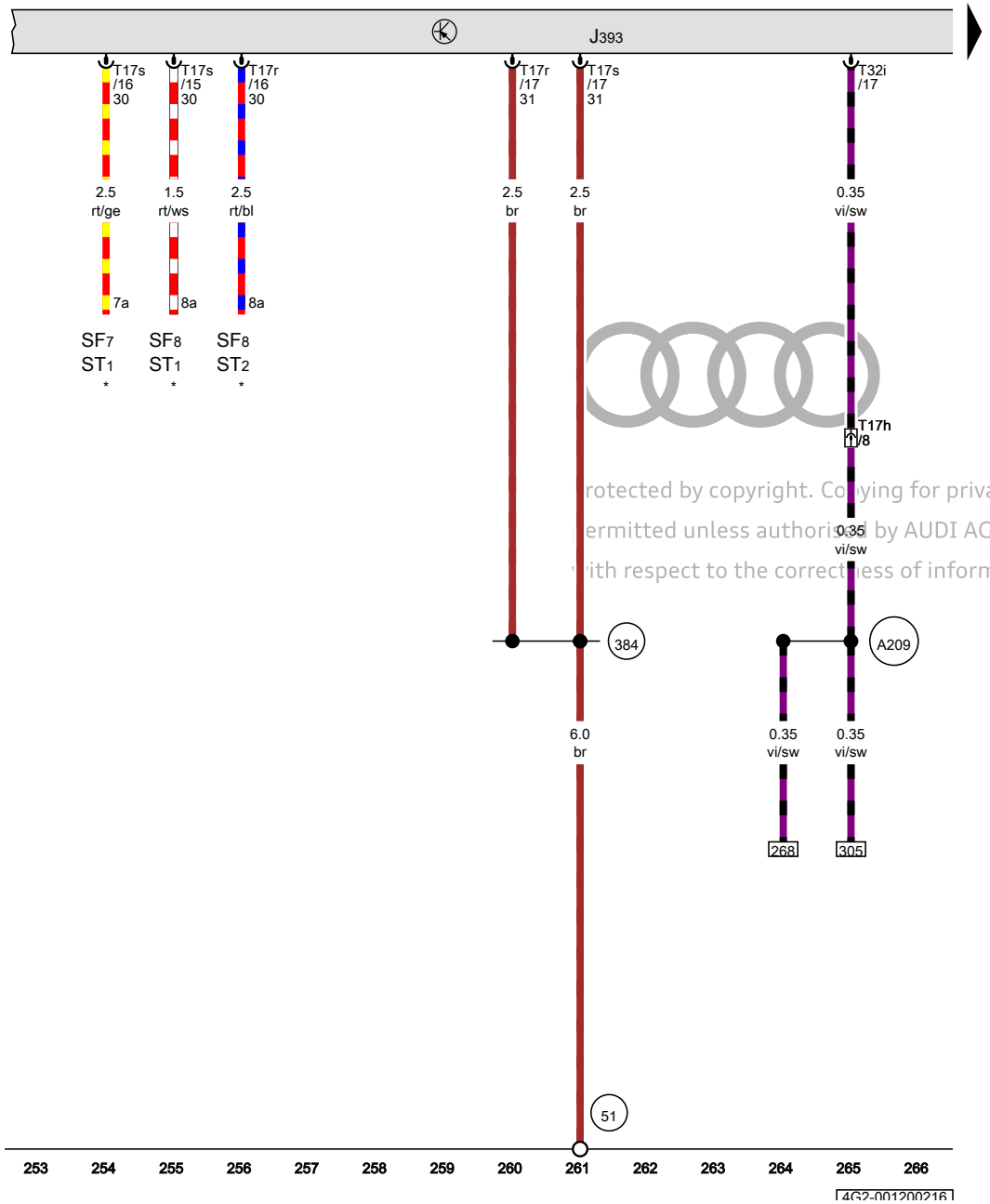


Contact switch for rear centre console ambient lighting, Onboard supply control unit, Light 1 for rear centre console background lighting, Light 2 for rear centre console background lighting, Rear left footwell light, Rear right footwell light

F501	Contact switch for rear centre console ambient lighting
J519	Onboard supply control unit
L197	Light 1 for rear centre console background lighting
L198	Light 2 for rear centre console background lighting
T2kd	2-pin connector
T2kp	2-pin connector
T2lh	2-pin connector
T2li	2-pin connector
T17d	17-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T17n	17-pin connector, in coupling point for front seat, right
T17x	17-pin connector, in coupling point for rear centre armrest
W45	Rear left footwell light
W46	Rear right footwell light
416	Earth connection, in rear armrest wiring harness
B475	Connection 11, in main wiring harness
M91	Connection (58d), in rear armrest wiring harness
*	Only models with additional lights
*2	Wiring colour depends on equipment

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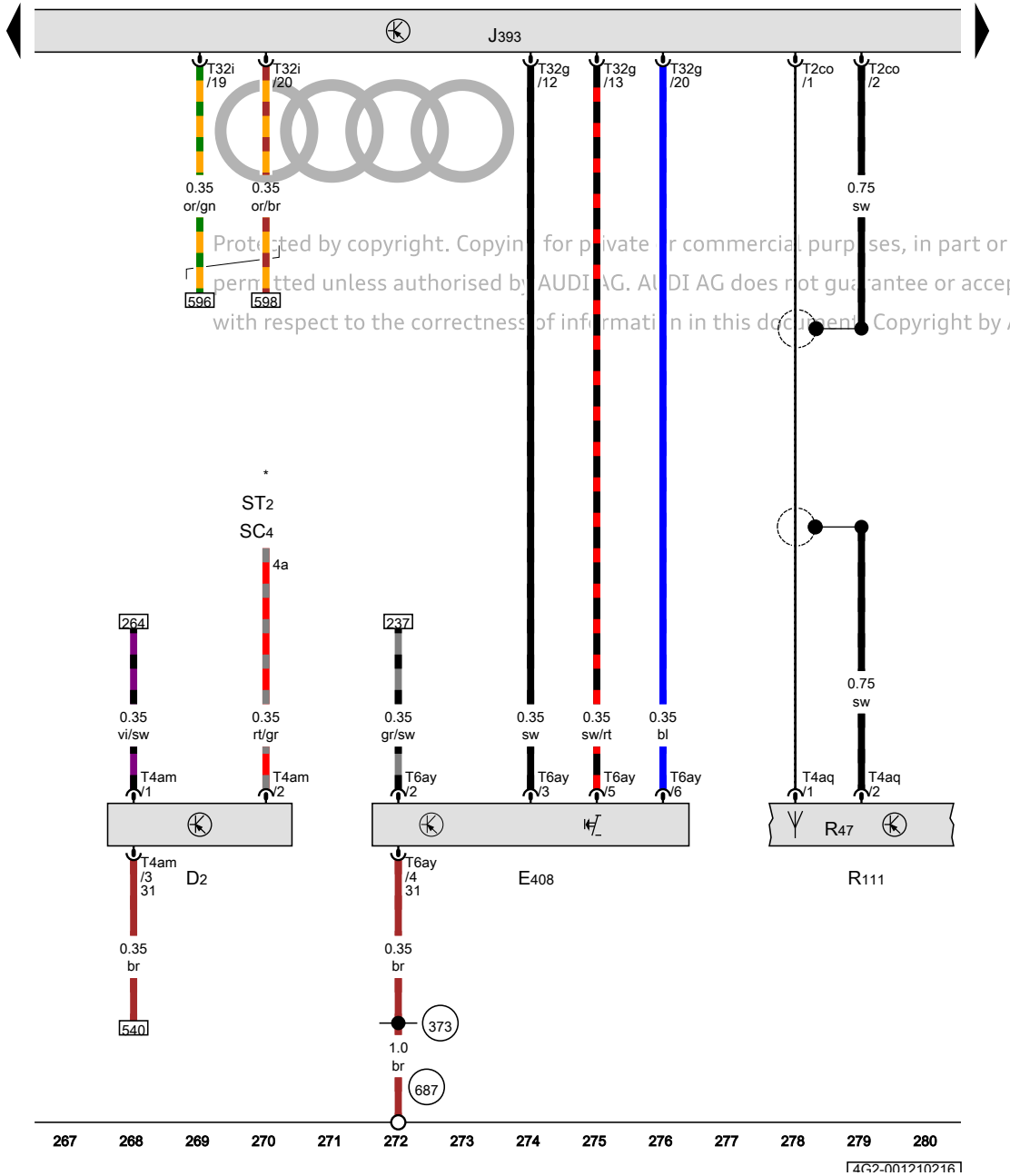


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Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17h	17-pin connector, in left A-pillar coupling station
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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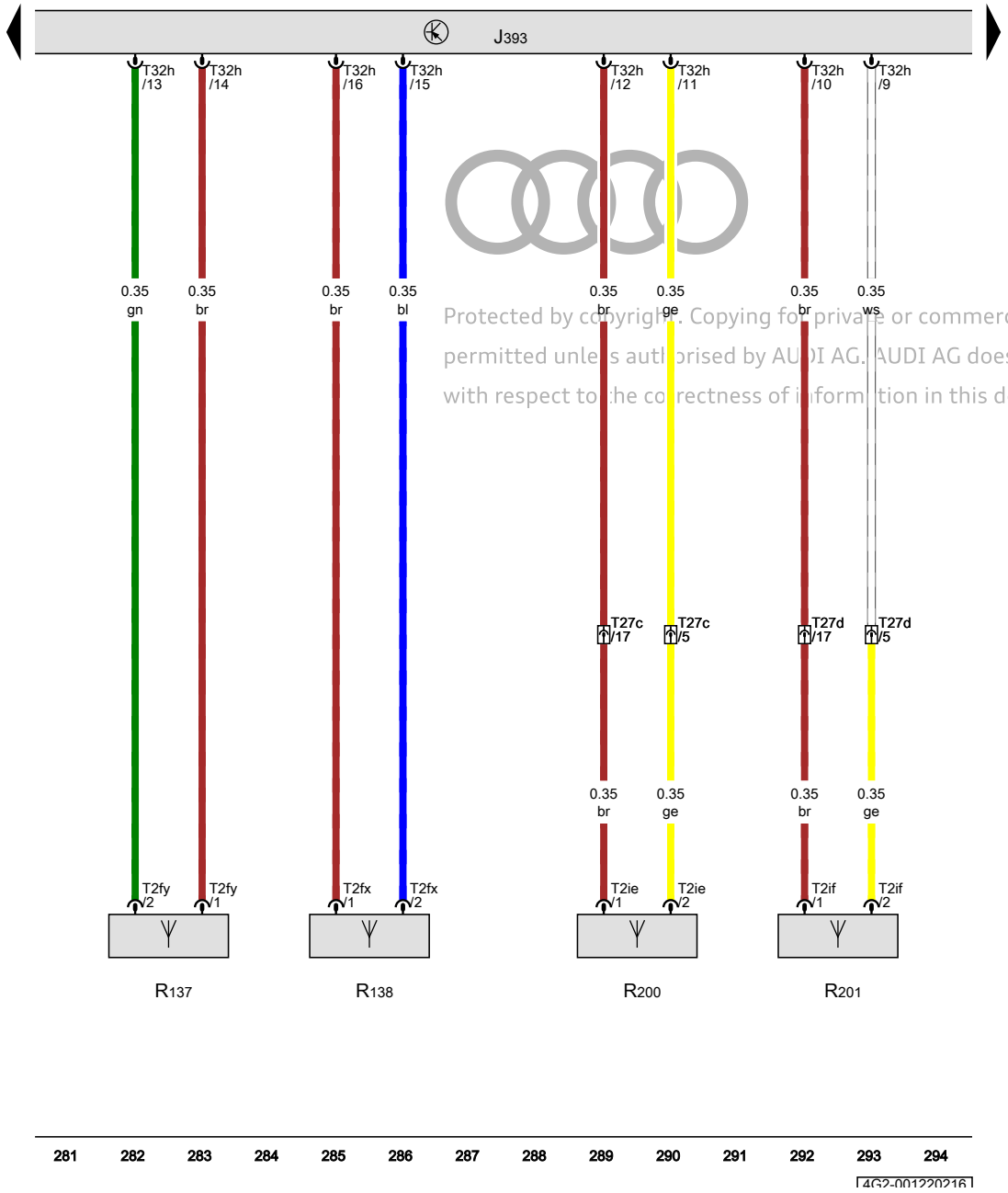
Immobiliser reader coil, Entry and start authorisation button, Convenience system central control unit, Central locking and anti-theft alarm system aerial

D2	Immobiliser reader coil
E408	Entry and start authorisation button
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R111	Aerial amplifier 2
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T2co	2-pin connector
T4am	4-pin connector
T4aq	4-pin connector
T6ay	6-pin connector
T32g	32-pin connector
T32i	32-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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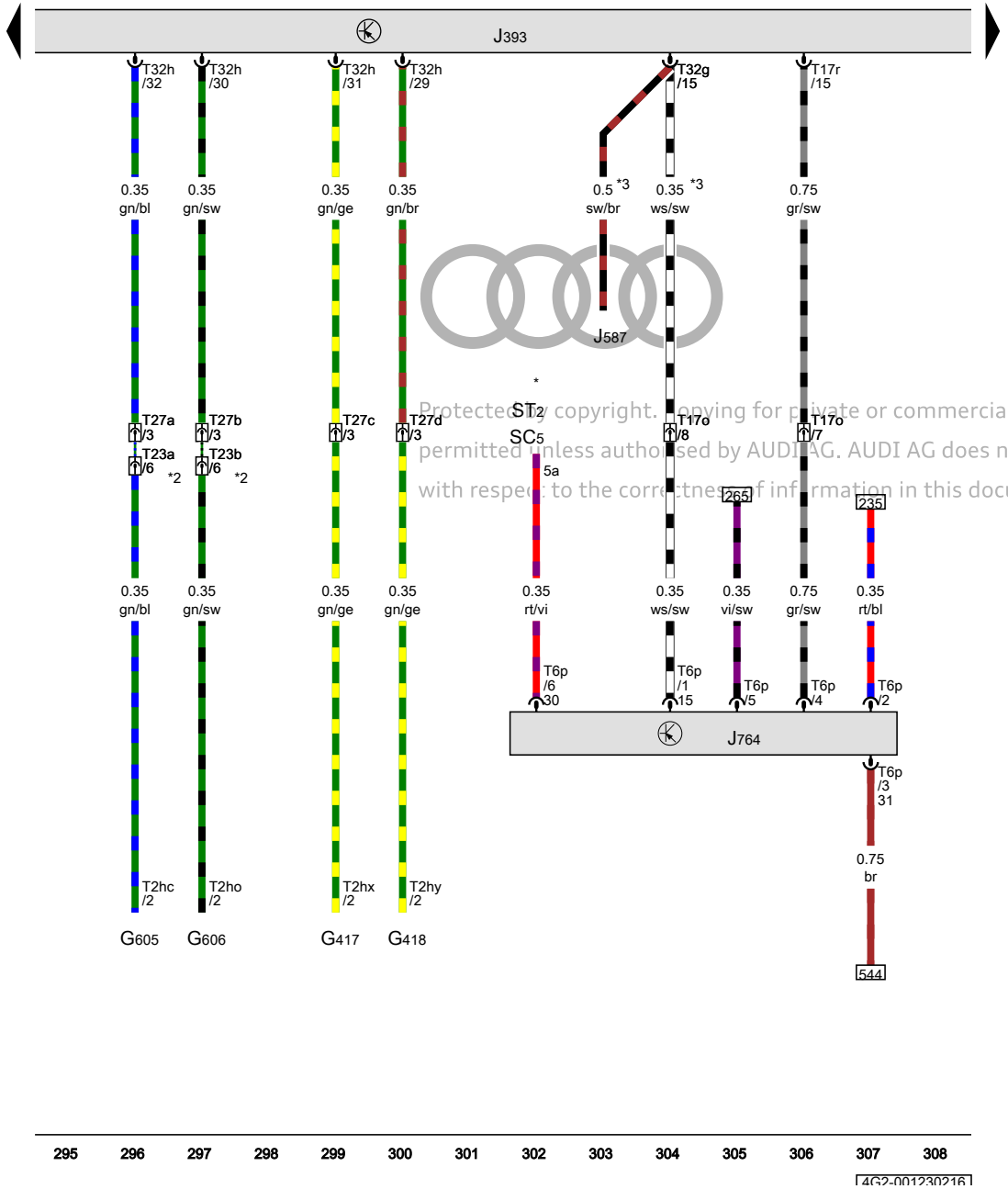
Convenience system central control unit, Interior aerial 1 for entry and start system

J393	Convenience system central control unit
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
R200	Left aerial for entry and start authorisation
R201	Right aerial for entry and start authorisation
T2fx	2-pin connector
T2fy	2-pin connector
T2ie	2-pin connector
T2if	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32h	32-pin connector



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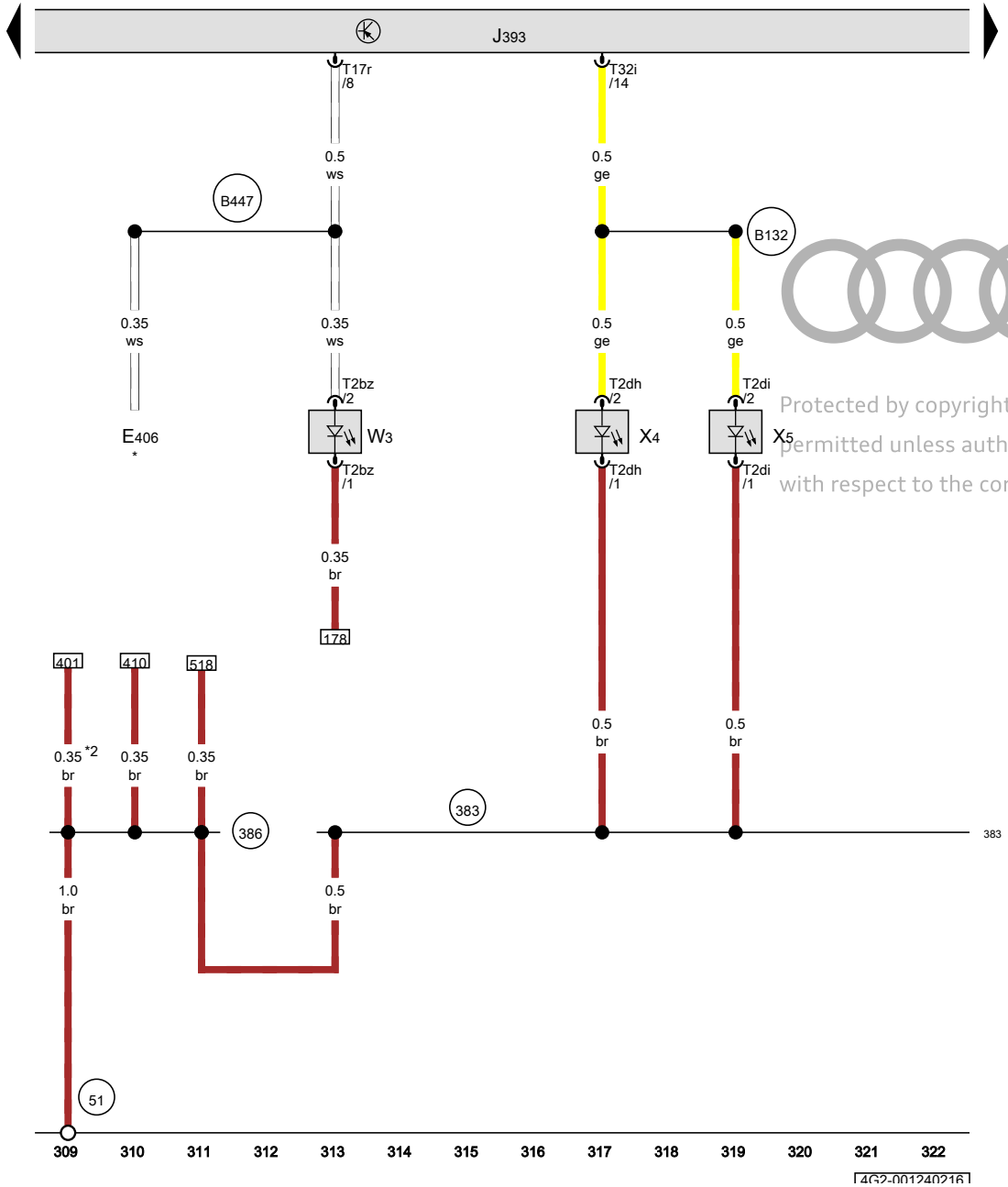


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Convenience system central control unit, Control unit for electronic steering column lock

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
J587	Selector lever sensors control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2hc	2-pin connector
T2ho	2-pin connector
T2hx	2-pin connector
T2hy	2-pin connector
T6p	6-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32g	32-pin connector
T32h	32-pin connector
*	see applicable current flow diagram for fuse assignment
*2	From June 2011
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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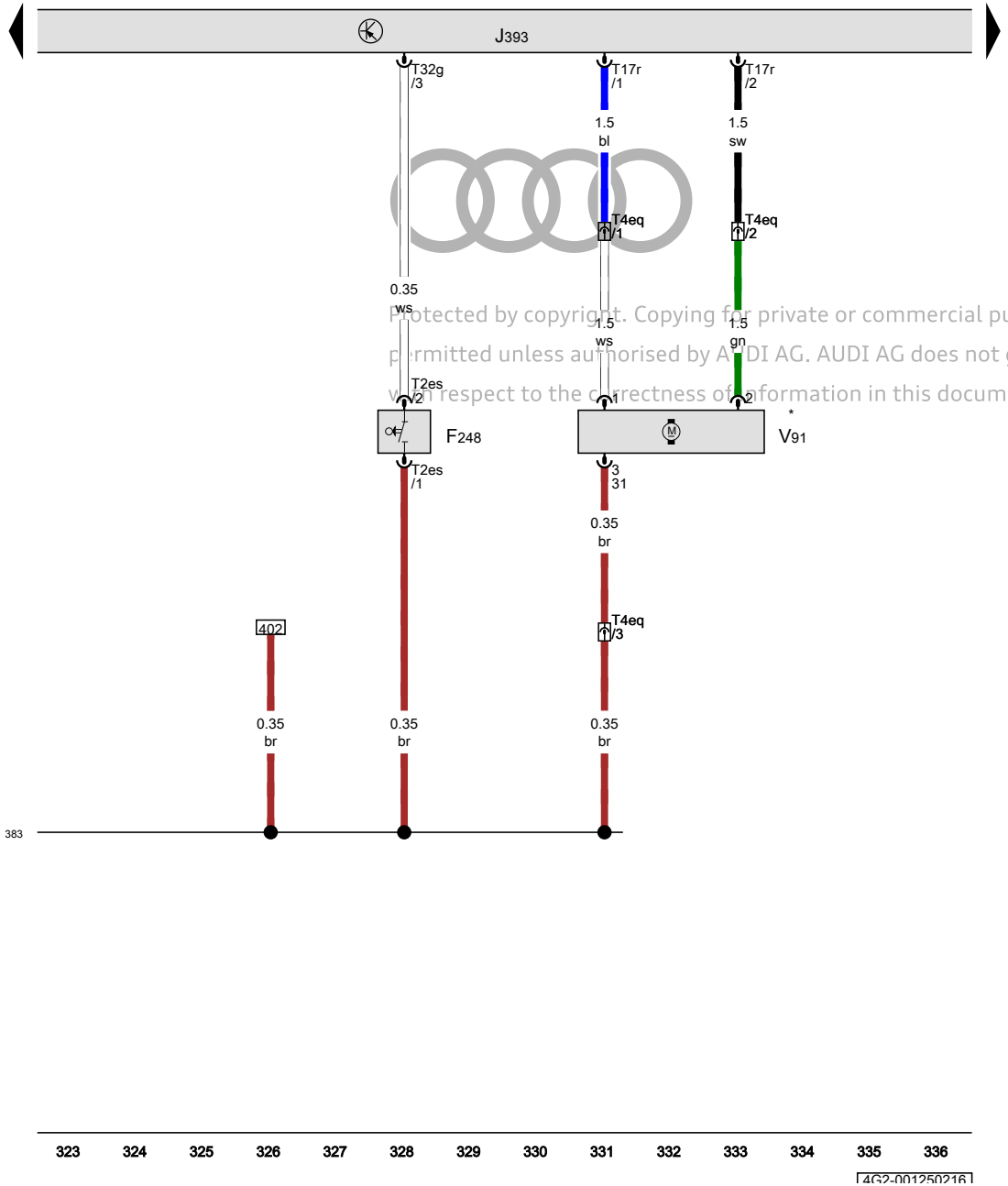
Convenience system central control unit, Luggage compartment light, Left number plate light

E406	Button to close rear lid in luggage compartment
J393	Convenience system central control unit
T2bz	2-pin connector
T2dh	2-pin connector
T2di	2-pin connector
T17r	17-pin connector
T32i	32-pin connector
W3	Luggage compartment light
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Avant

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Release button for rear lid lock cylinder, Convenience system central control unit, Rear roller blind motor

F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2es	2-pin connector
T4eq	4-pin connector
T17r	17-pin connector
T32g	32-pin connector
V91	Rear roller blind motor
383	Earth connection 18, in main wiring harness
*	Only vehicles with electric rear roller blind

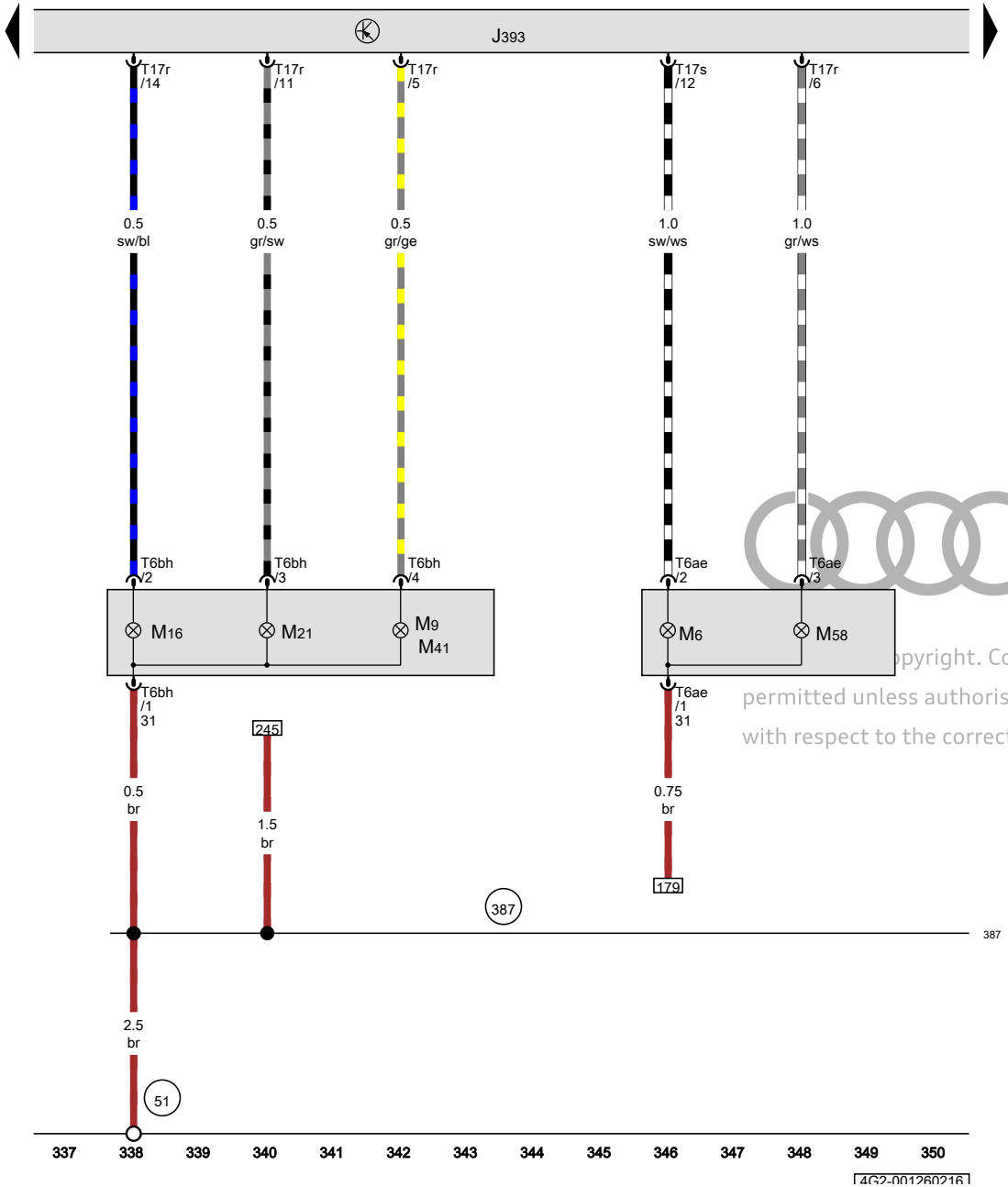


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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Convenience system central control unit, Left brake light bulb, Left reversing light bulb, Left brake and tail light bulb

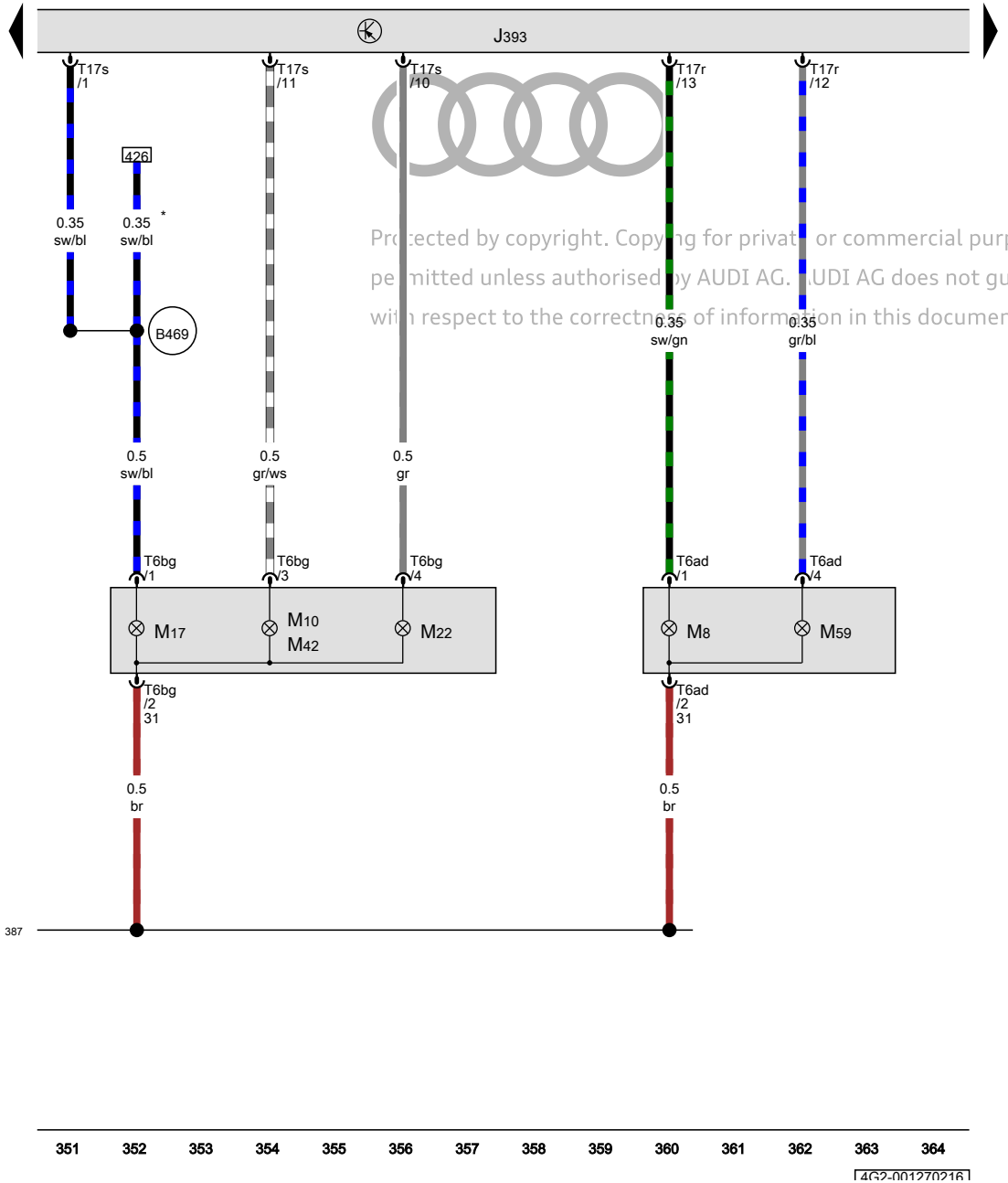
J393	Convenience system central control unit
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
T6ae	6-pin connector
T6bh	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness



ws = white
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gn = green
bl = blue
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li = purple
vi = purple
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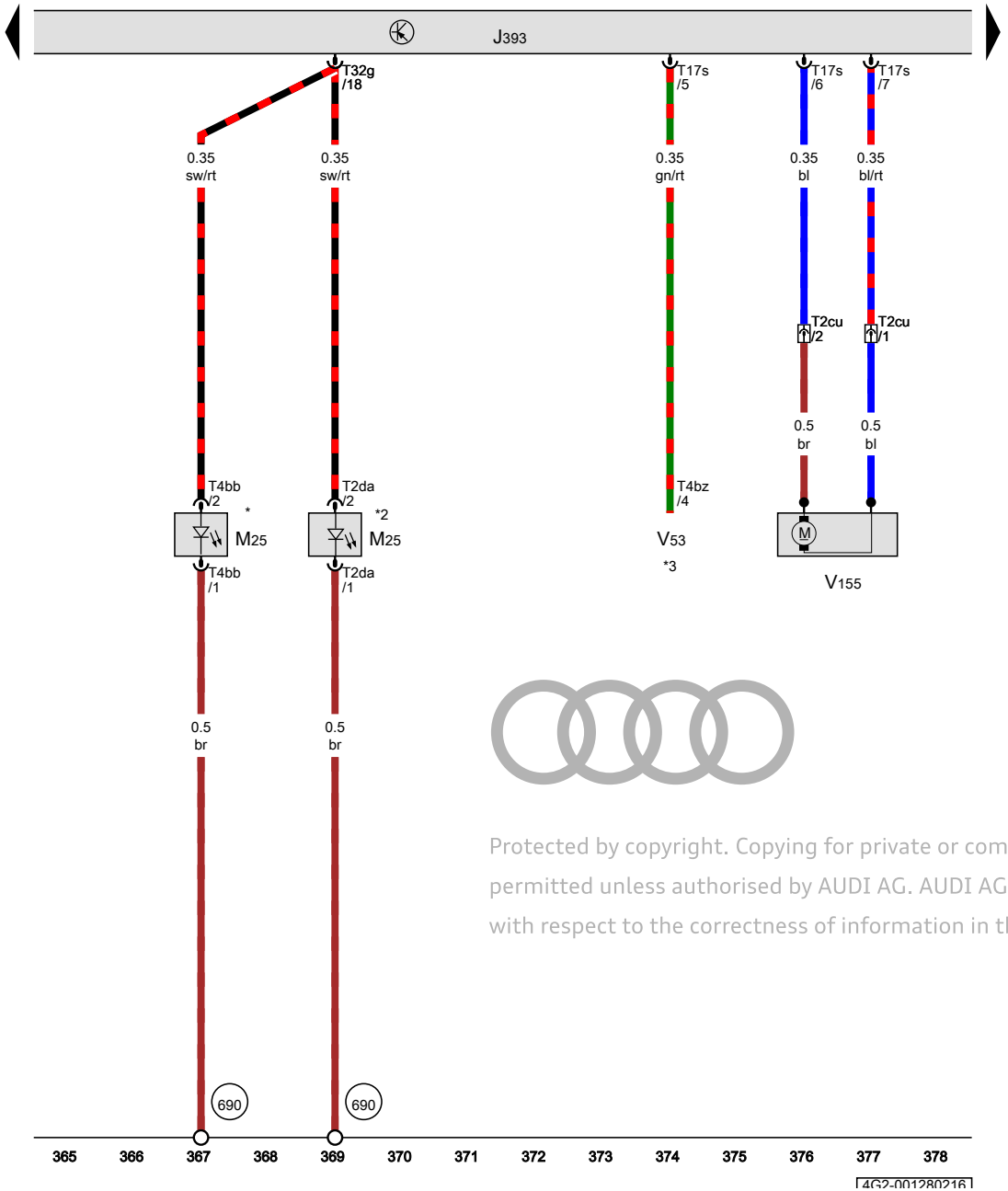
Convenience system central control unit, Right brake light bulb, Right reversing light bulb, Right brake and tail light bulb, Right tail light and rear fog light bulb



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J393	Convenience system central control unit
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
T6ad	6-pin connector
T6bg	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
*	Only models with no main beam assist function

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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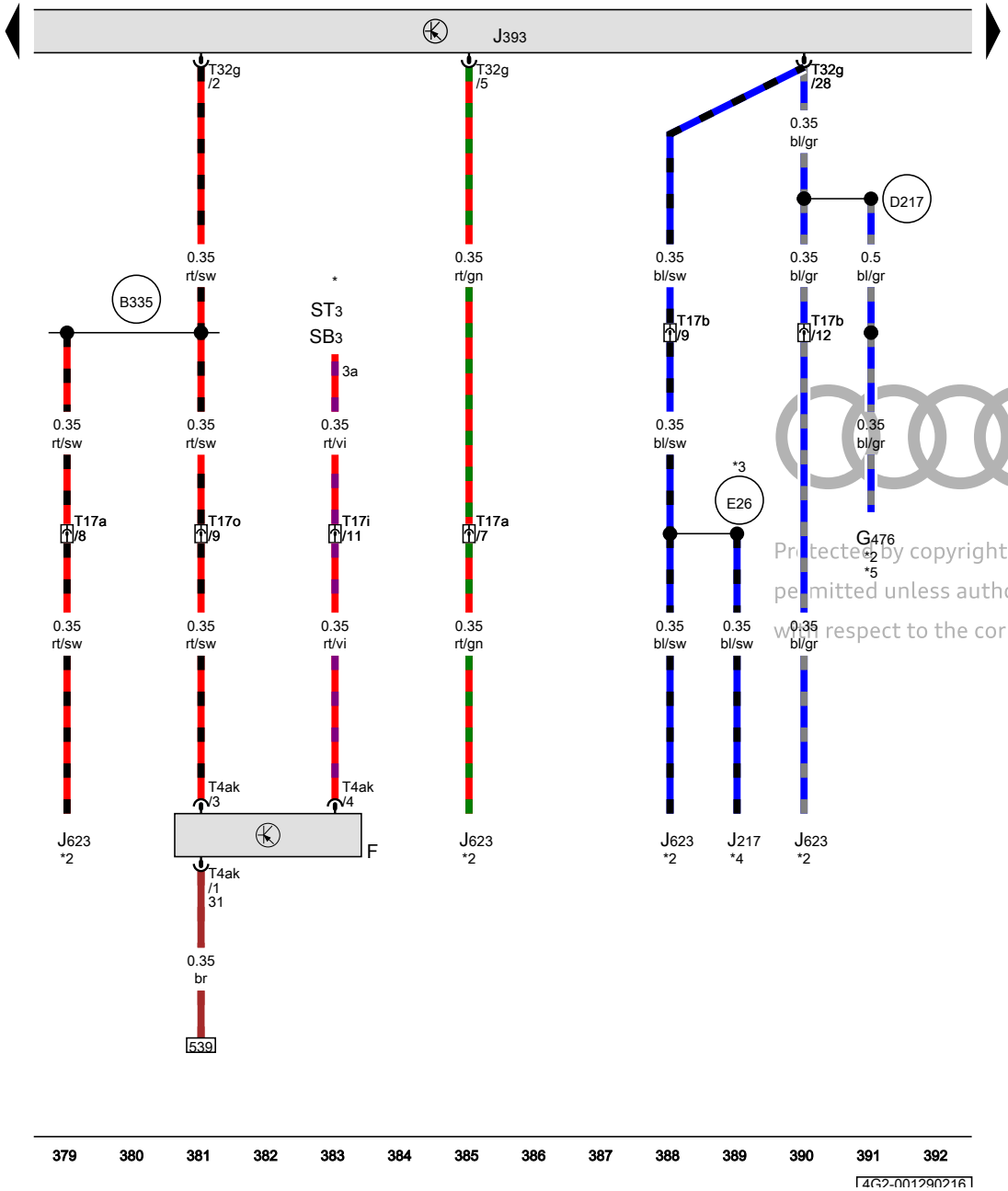
Convenience system central control unit, High-level brake light bulb, Tank filler flap locking motor

J393	Convenience system central control unit
M25	High-level brake light bulb
T2cu	2-pin connector
T2da	2-pin connector
T4bb	4-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
V155	Tank filler flap locking motor
690	Earth point, rear centre roof frame
*	Only models with insulated glass
*2	Only models with heat-insulated glass
*3	see applicable current flow diagram for convenience system

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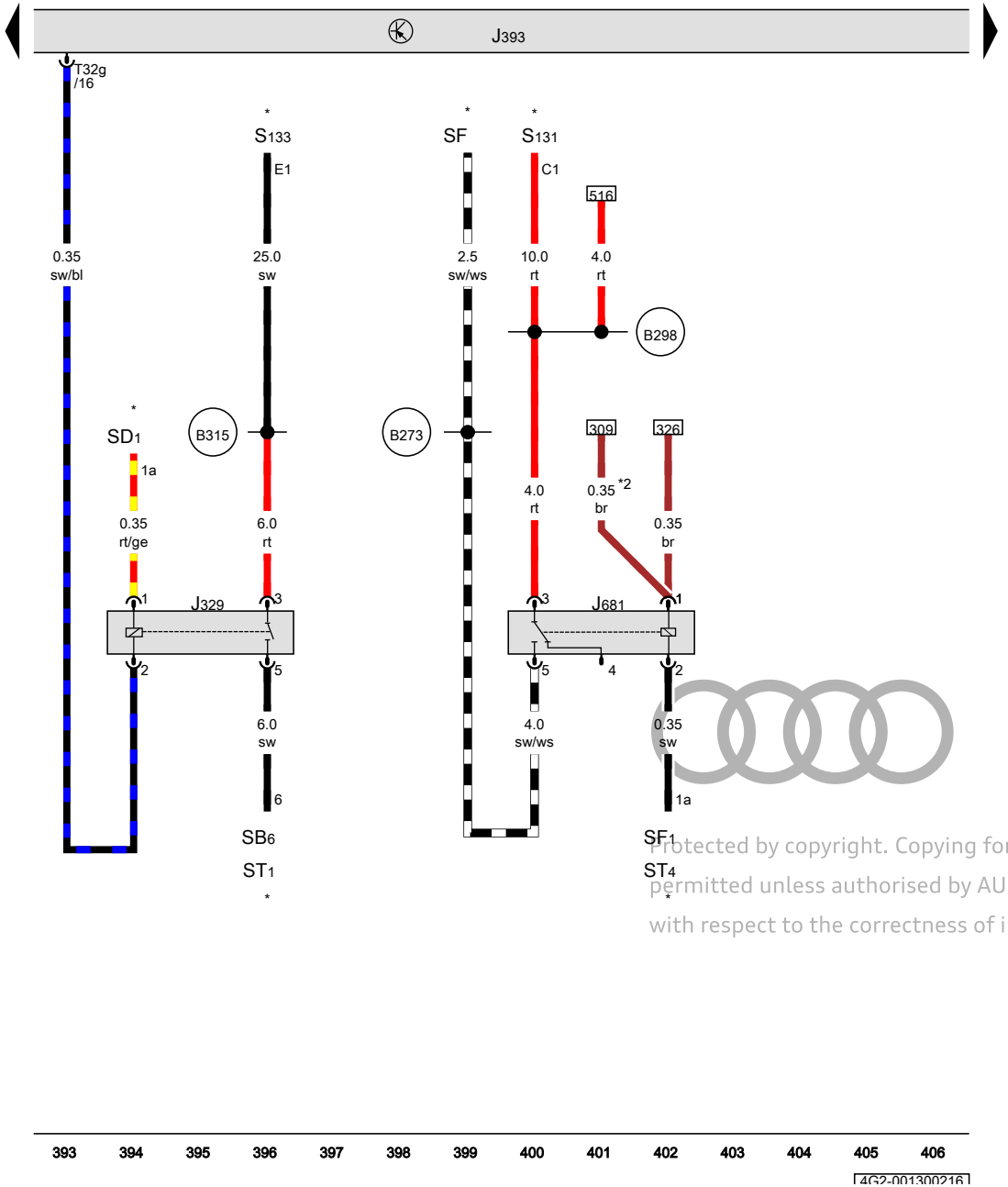
Brake light switch, Convenience system central control unit



F	Brake light switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32g	32-pin connector
B335	Connection 1 (54), in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Only models with automatic gearbox
*4	see applicable current flow diagram for automatic gearbox
*5	Only models with manual gearbox

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
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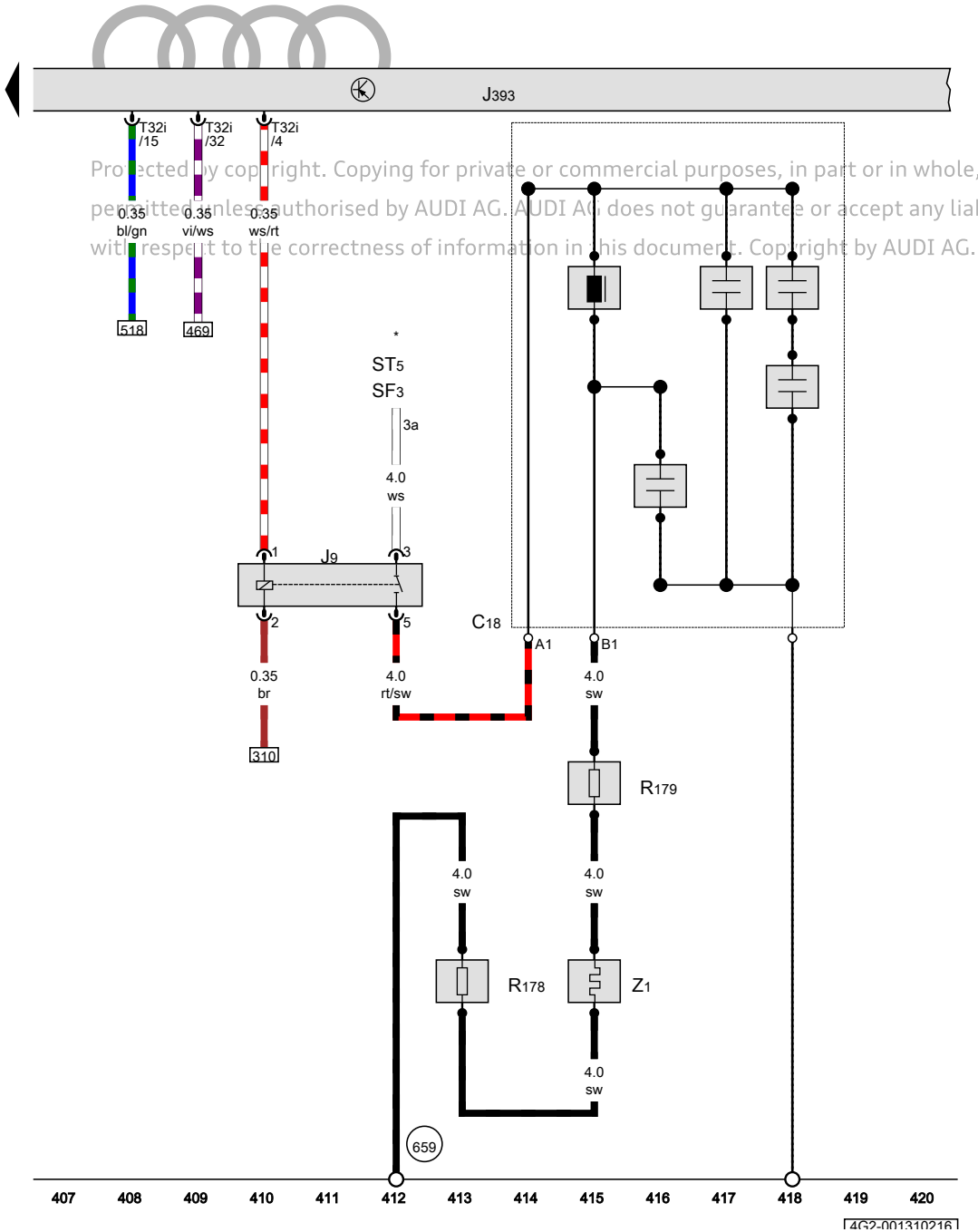


Terminal 15 voltage supply relay, Convenience system central control unit, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
SF1	Fuse 1 in fuse holder F
SD1	Fuse 1 on fuse holder D
SF	Fuse holder F
ST1	Fuse carrier 1
ST4	Fuse carrier 4
SB6	Fuse 6 on fuse holder B
S131	Fuse 1
S133	Fuse 3
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant

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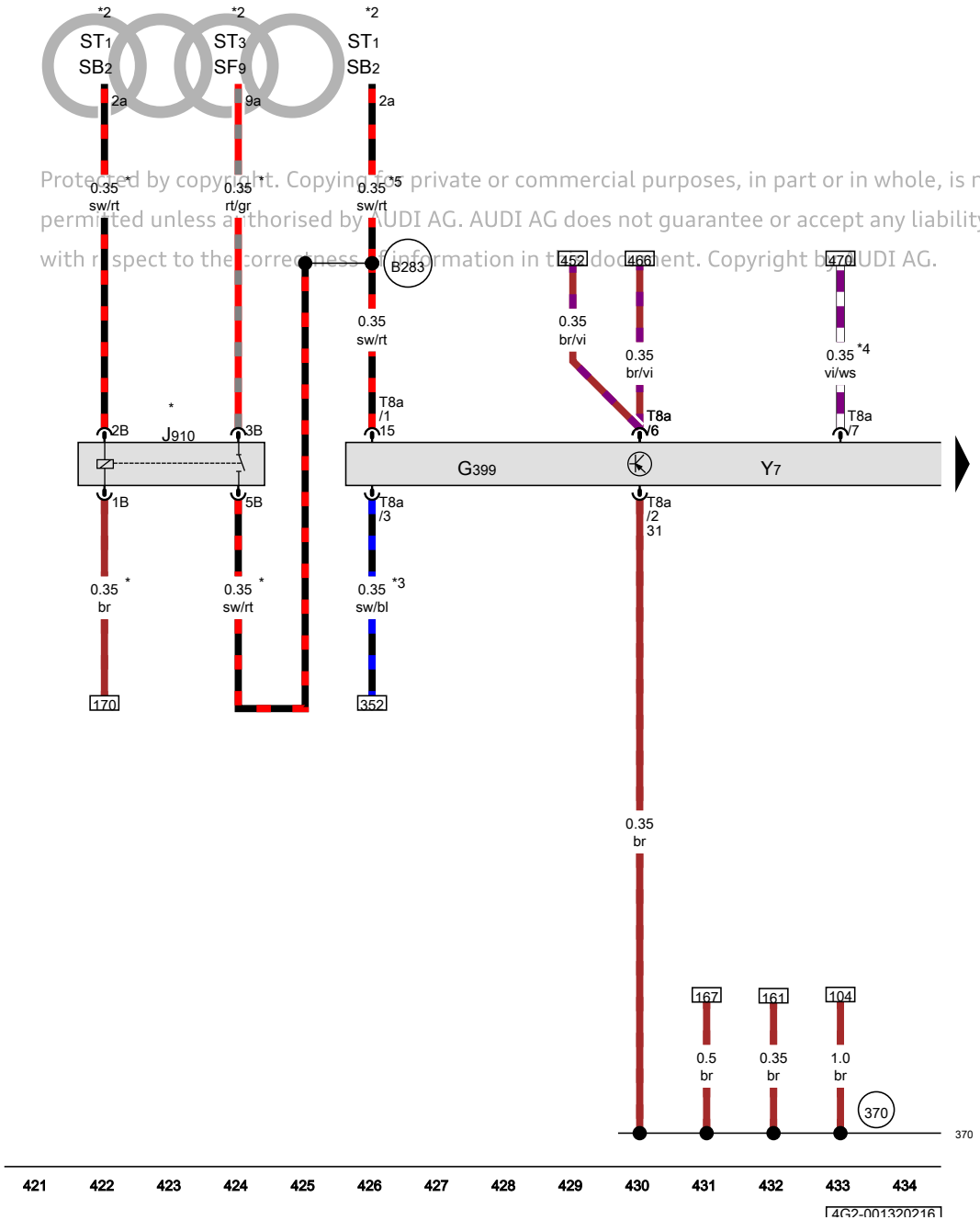


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Window aerial suppression filter, Heated rear window relay, Convenience system central control unit

C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
SF3	Fuse 3 in fuse holder F
ST5	Fuse carrier 5
T32i	32-pin connector
Z1	Heated rear window
659	Earth point 1, on right near rear window
*	see applicable current flow diagram for fuse assignment

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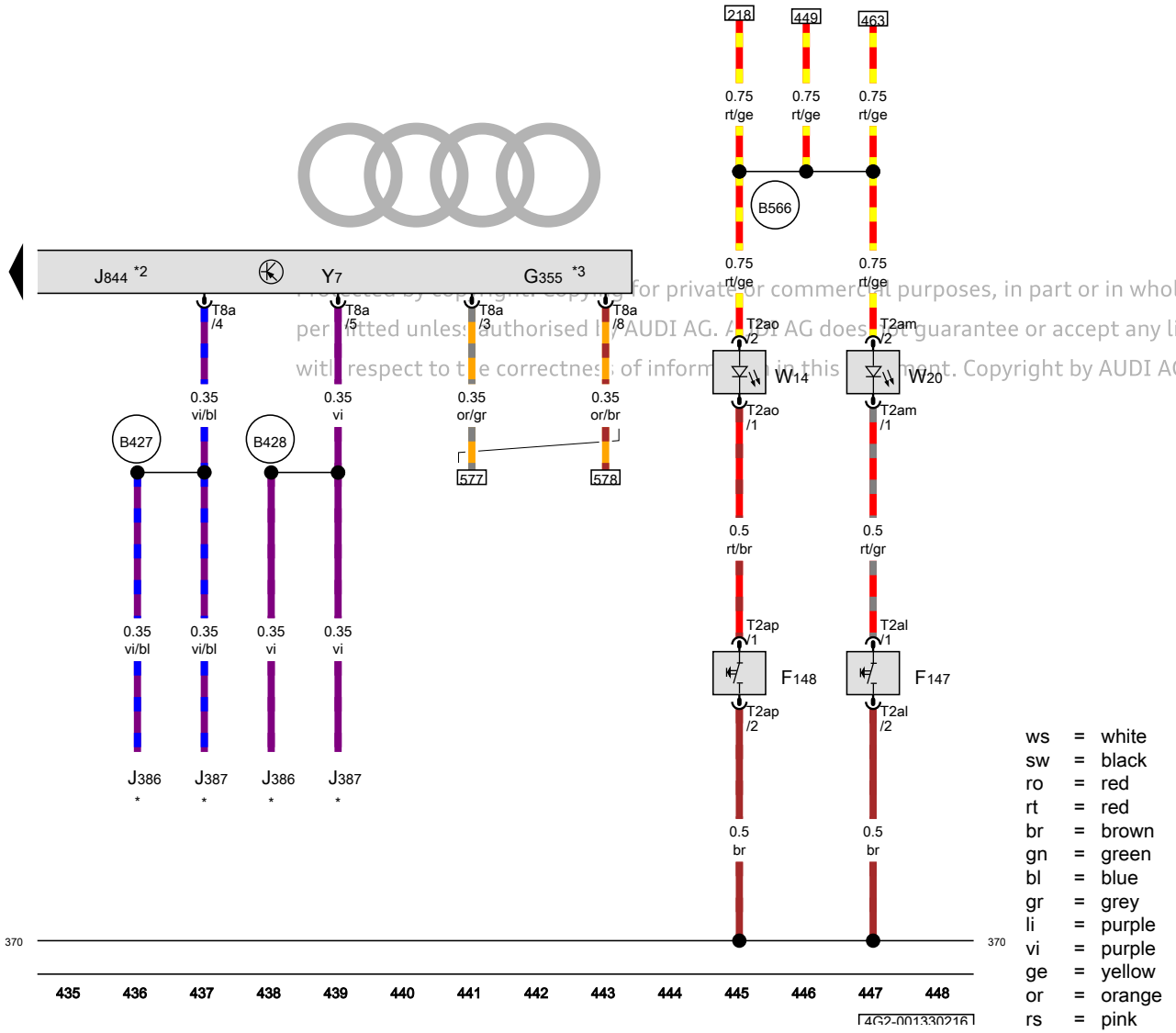
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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li = purple
vi = purple
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Light sensor, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

G399	Light sensor
J910	Relay for automatic anti-dazzle interior mirror
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
SF9	Fuse 9 in fuse holder F
T8a	8-pin connector
Y7	Automatic anti-dazzle interior mirror
370	Earth connection 5, in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	Only models with automatic anti-dazzle interior mirror
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no main beam assist function
*4	Up to May 2012
*5	Not for models with automatic anti-dazzle interior mirror

Humidity sender, Main beam assist control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G355	Humidity sender
J386	Driver door control unit
J387	Front passenger door control unit
J844	Main beam assist control unit
T2al	2-pin connector
T2am	2-pin connector
T2ao	2-pin connector
T2ap	2-pin connector
T8a	8-pin connector
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
Y7	Automatic anti-dazzle interior mirror
370	Earth connection 5, in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
B566	Connection 33, in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only models with main beam assist
*3	Only models with humidity sender

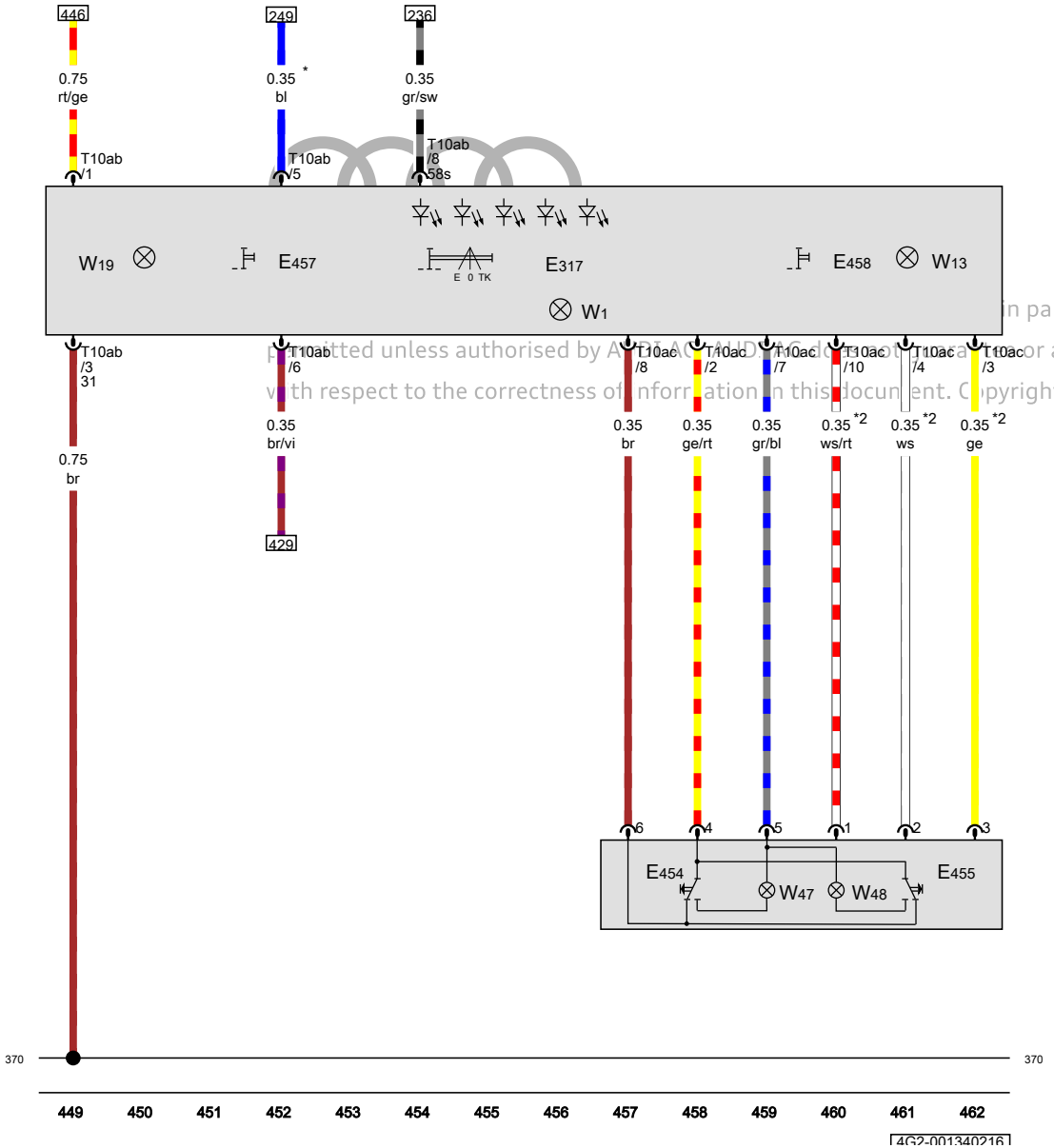


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
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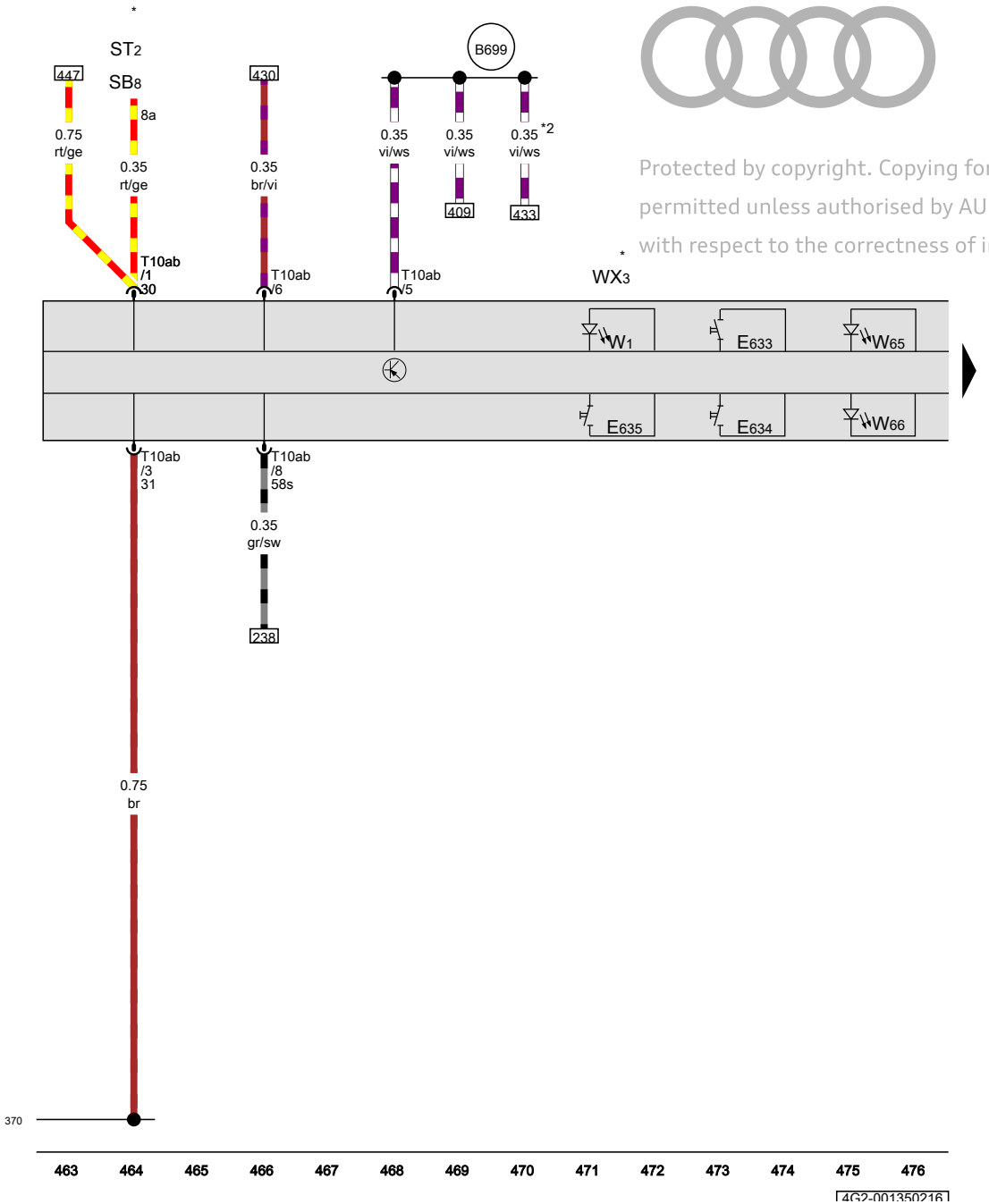
Front passenger reading light, Driver side reading light

E317	Interior light switch
E454	Rear left reading light button
E455	Rear right reading light button
E457	Driver side reading light button
E458	Front passenger side reading light button
T10ab	10-pin connector
T10ac	10-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
W47	Rear left interior light
W48	Rear right interior light
370	Earth connection 5, in main wiring harness
*	Wiring colour depends on equipment
*2	Wire with no function



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rs	=	pink



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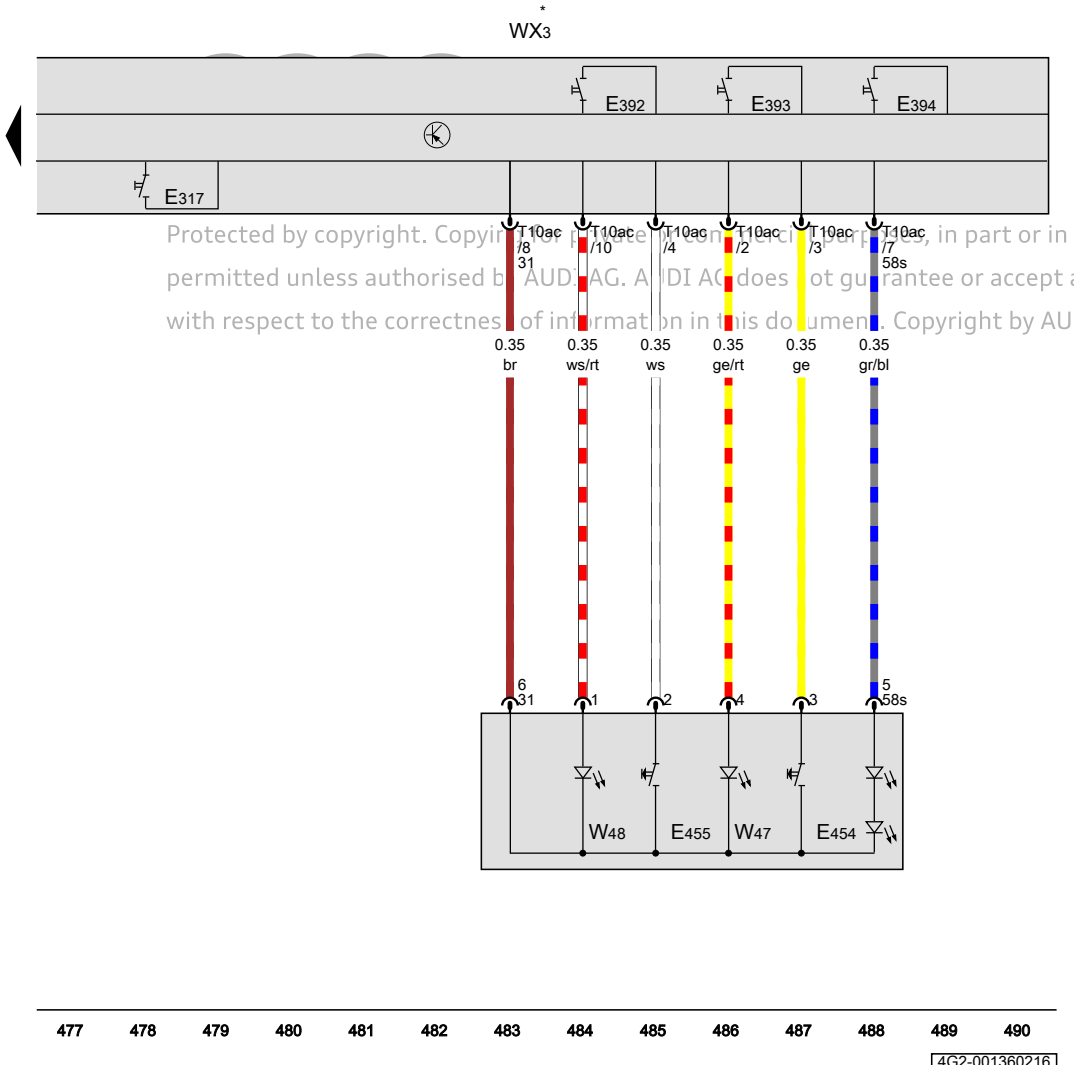
Front interior light, Front roof module

E633	Front left reading light button
E634	Front right reading light button
E635	Front button for rear reading light
ST2	Fuse carrier 2
SB8	Fuse 8 on fuse holder B
T10ab	10-pin connector
W1	Front interior light
WX3	Front roof module
W65	Front left reading light
W66	Front right reading light
370	Earth connection 5, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	Only models with Highline equipment
*2	Up to May 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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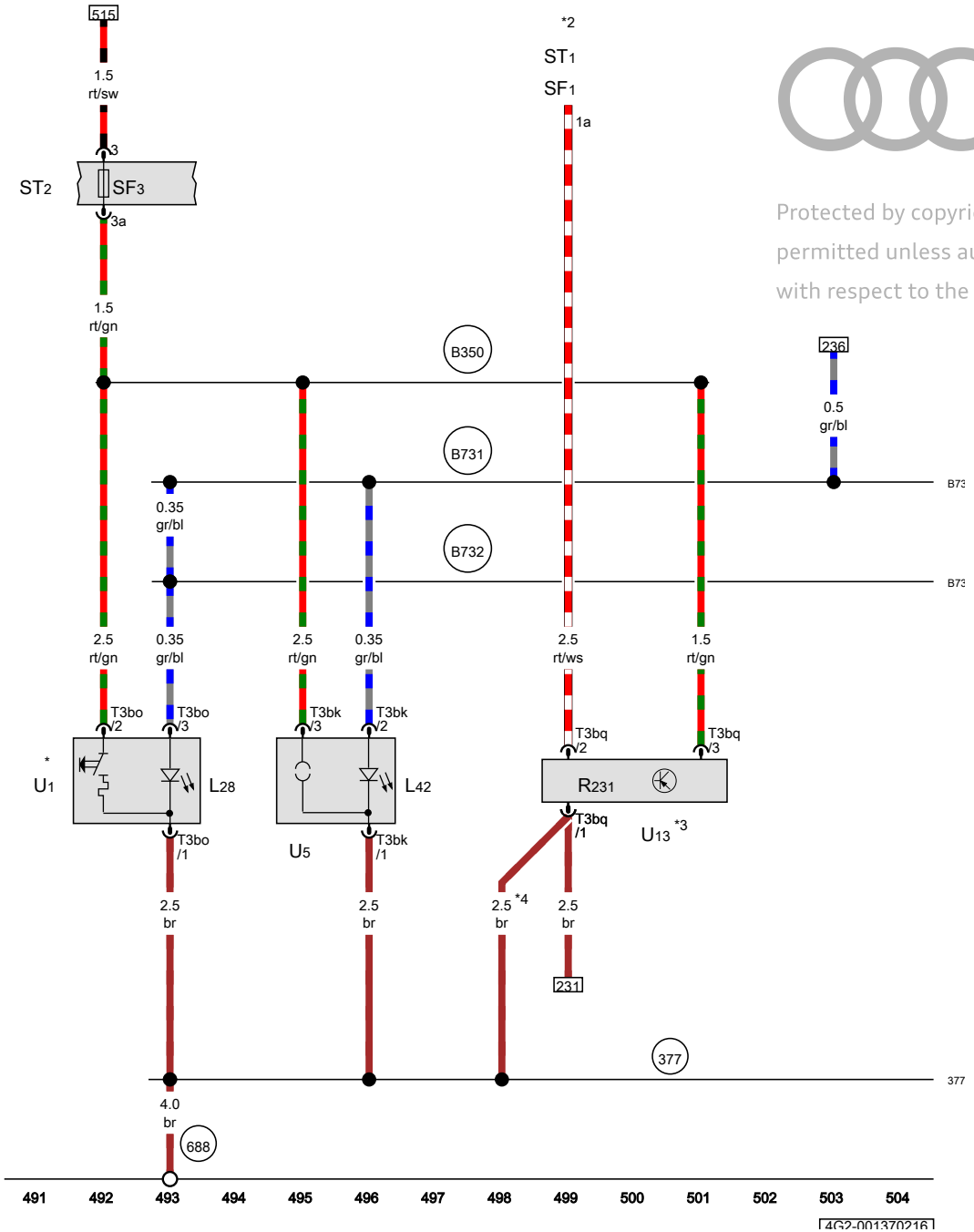
Front roof module, Rear right interior light

E317	Interior light switch
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
E454	Rear left reading light button
E455	Rear right reading light button
T10ac	10-pin connector
WX3	Front roof module
W47	Rear left interior light
W48	Rear right interior light
*	Only models with Highline equipment



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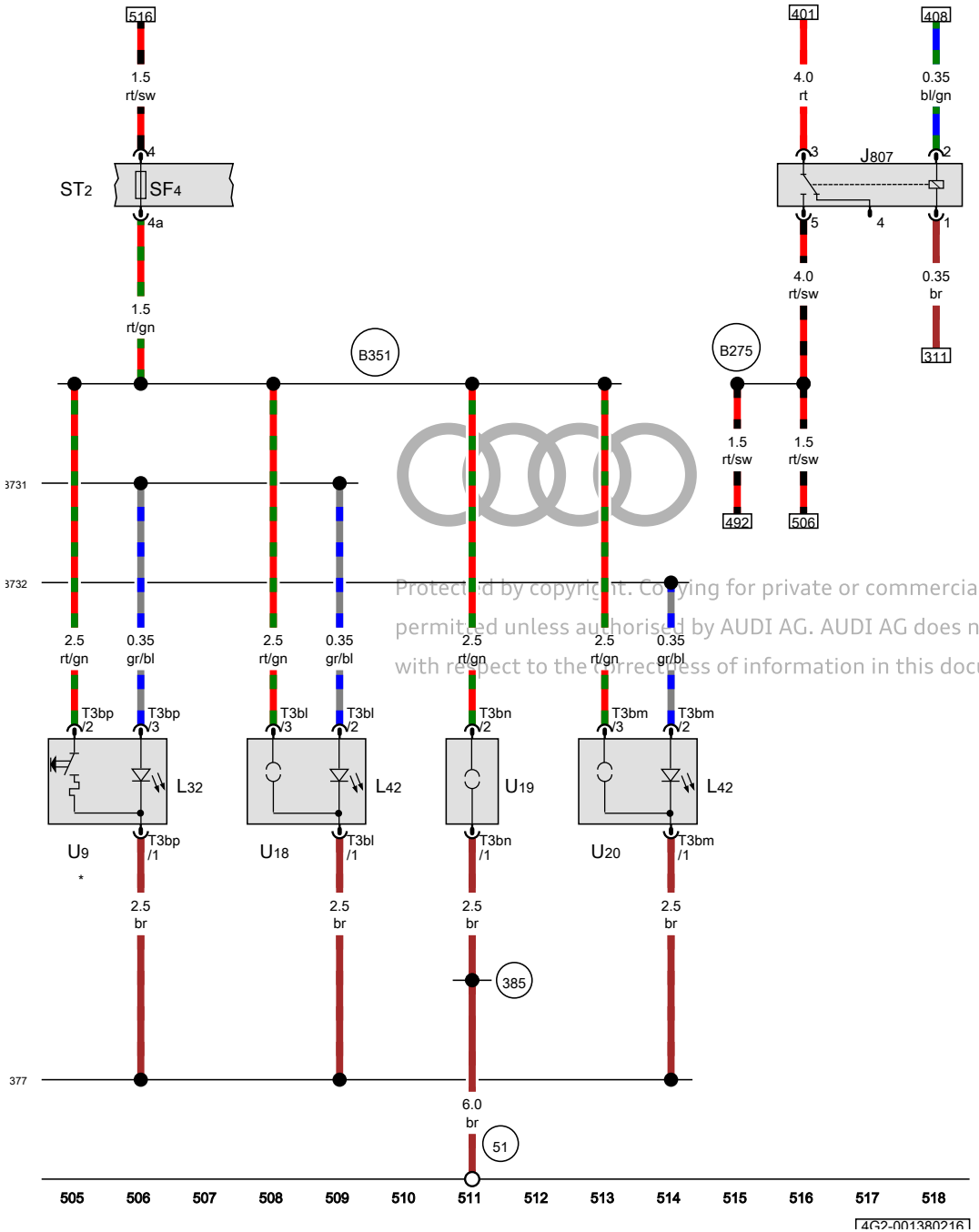


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Cigarette lighter, 12 V socket, DC/AC converter with socket, 12 V - 230 V

L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
R231	Connection 2 for external audio sources
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
T3bk	3-pin connector
T3bo	3-pin connector
T3bq	3-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in centre console
U13	DC/AC converter with socket, 12 V - 230 V
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B350	Positive connection 1 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models
*2	see applicable current flow diagram for fuse assignment
*3	Only models with equipment for China
*4	From August 2011

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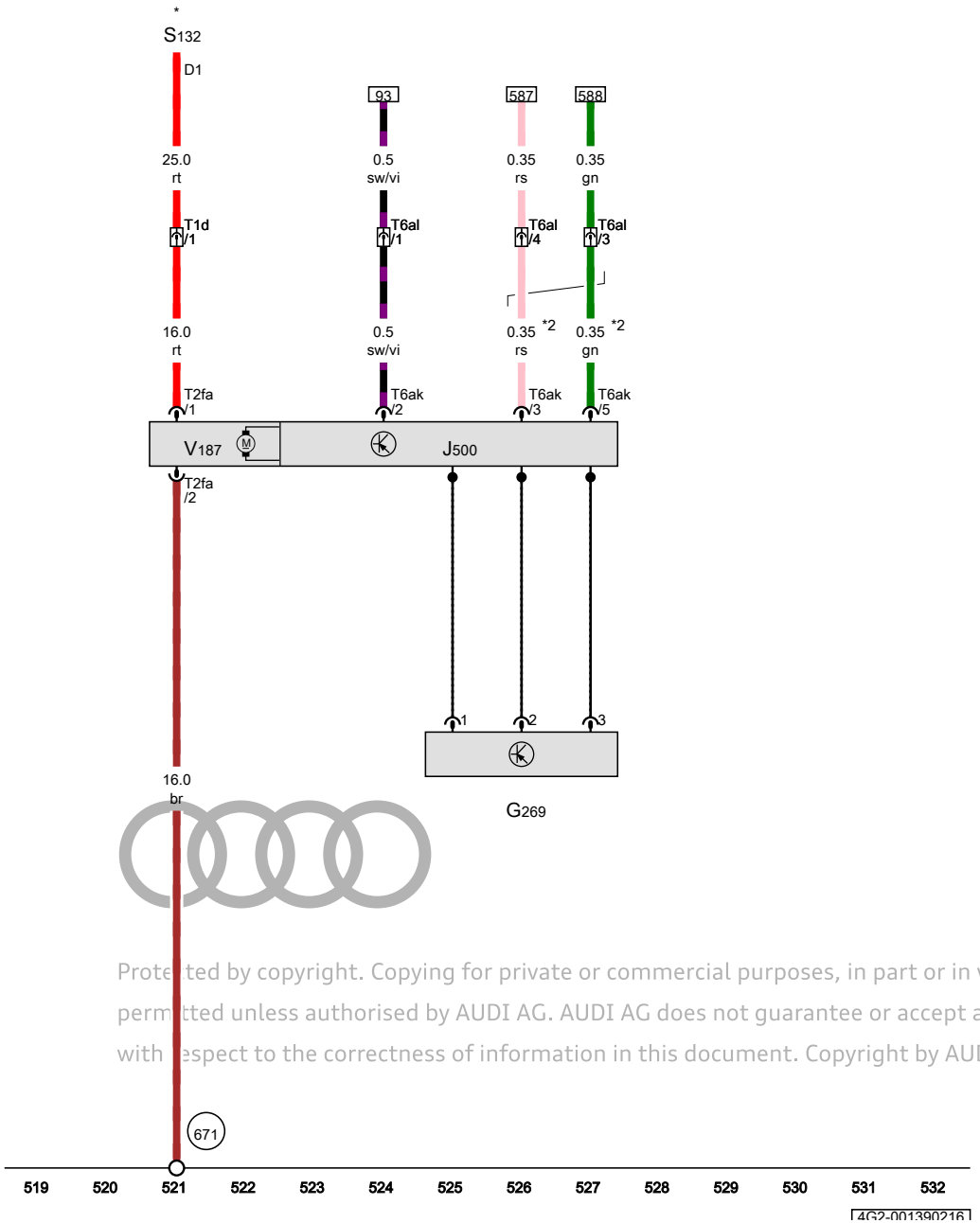


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vi = purple
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or = orange
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Relay for power sockets, Rear cigarette lighter, 12 V socket 2, 12 V socket 3

J807	Relay for power sockets
L32	Rear cigarette lighter illumination bulb
L42	Socket illumination bulb
ST2	Fuse carrier 2
SF4	Fuse 4 in fuse holder F
T3bl	3-pin connector
T3bm	3-pin connector
T3bn	3-pin connector
T3bp	3-pin connector
U9	Rear cigarette lighter, in rear centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3, in luggage compartment
U20	12 V socket 4, in rear centre console
51	Earth point, on right in luggage compartment
377	Earth connection 12, in main wiring harness
385	Earth connection 20, in main wiring harness
B275	Positive connection (87), in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models

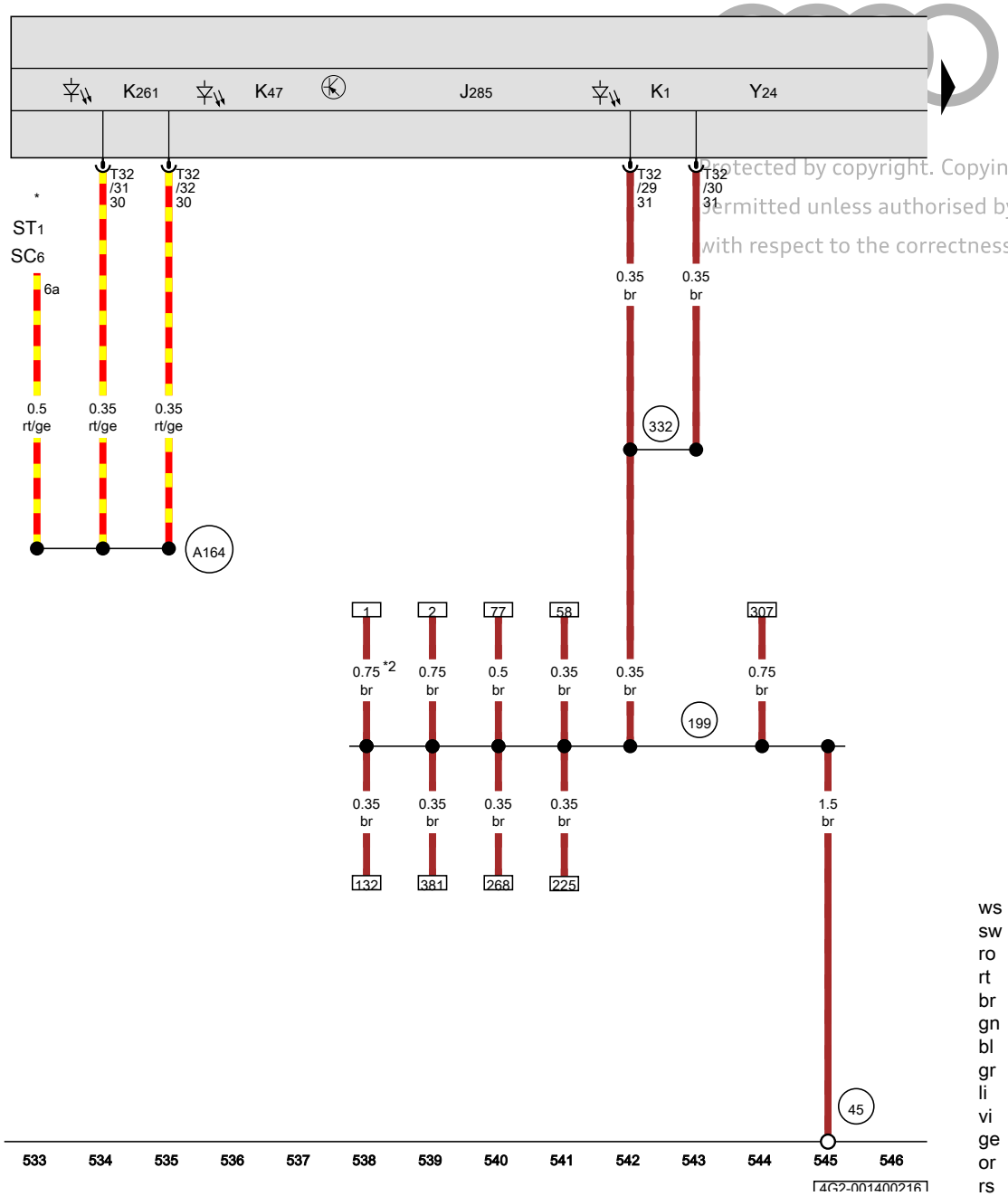


Power steering control unit

G269	Steering moment sender
J500	Power steering control unit
S132	Fuse 2
T1d	1-pin connector, on front left on vehicle floor
T2fa	2-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (FlexRay bus)

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rt	=	red
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gn	=	green
bl	=	blue
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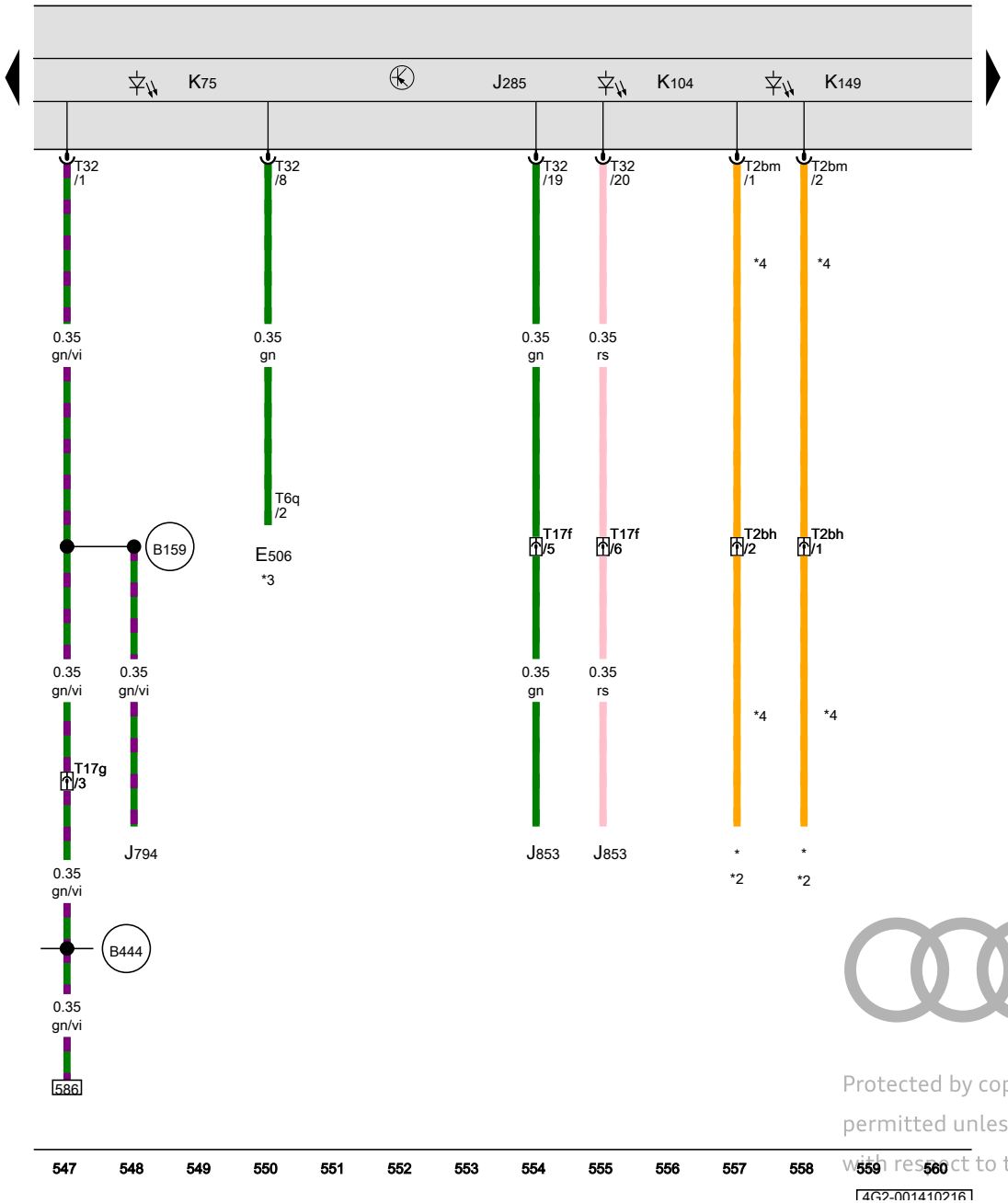


Control unit in dash panel insert

J285	Control unit in dash panel insert
K1	Main beam warning lamp
K47	ABS warning lamp
K261	Warning lamp for left turn signal
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
T32	32-pin connector
Y24	Display in dash panel insert
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
332	Earth connection 4, in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with heated steering wheel

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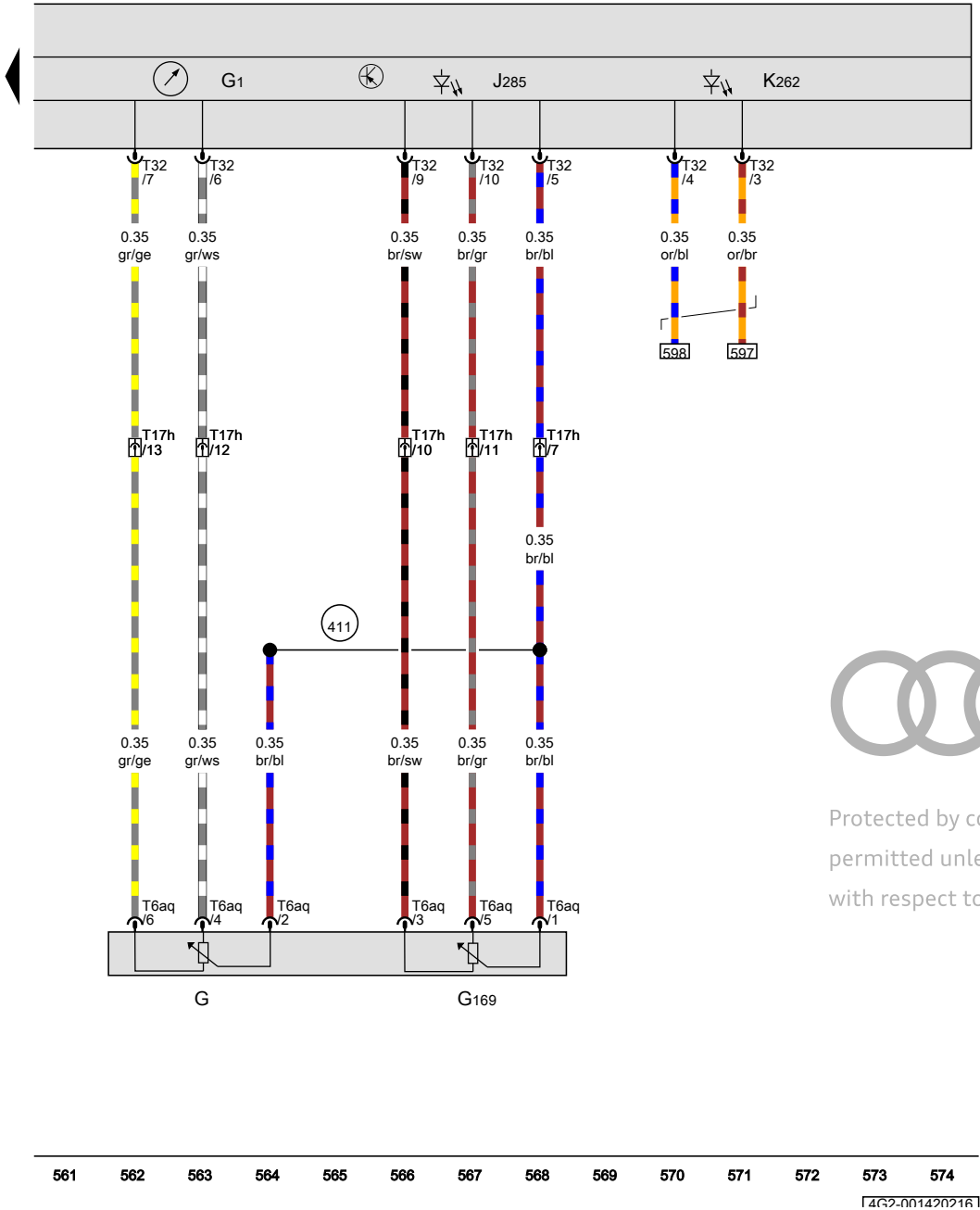


Display unit button, Control unit in dash panel insert

E506	Display unit button
J285	Control unit in dash panel insert
J794	Control unit 1 for information electronics
J853	Control unit for night vision system
K75	Airbag warning lamp
K104	Diesel electronics warning lamp
K149	Engine electronics warning lamp
T2bh	2-pin connector, Centre console, front right
T2bm	2-pin connector
T6q	6-pin connector
T17f	17-pin connector, in left A-pillar coupling station
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for data bus network
*3	see applicable current flow diagram for MMI (information electronics)
*4	Fibre optic cable (FOC)

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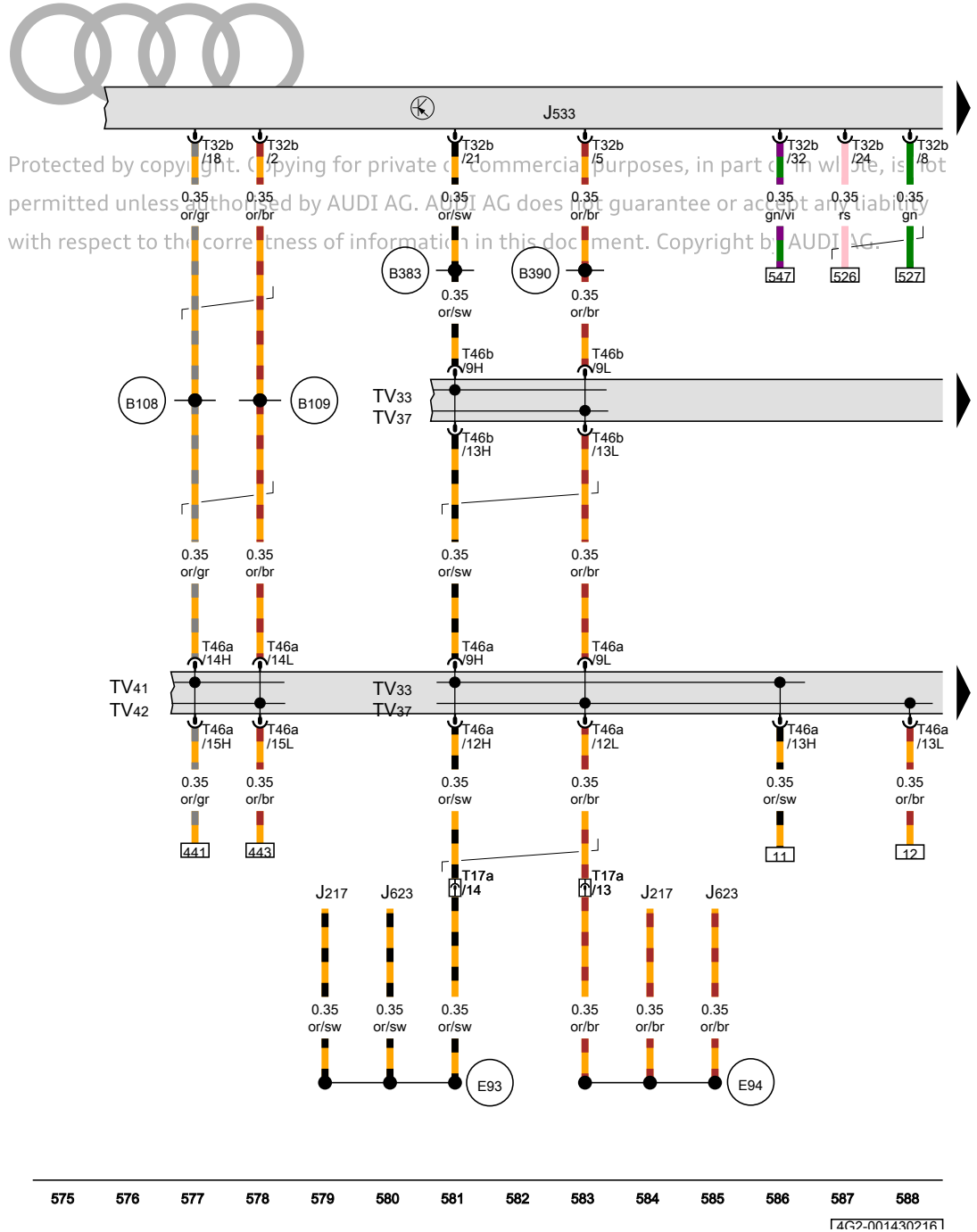
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K262	Warning lamp for right turn signal
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
411	Earth connection 2 (sender earth) in main wiring harness

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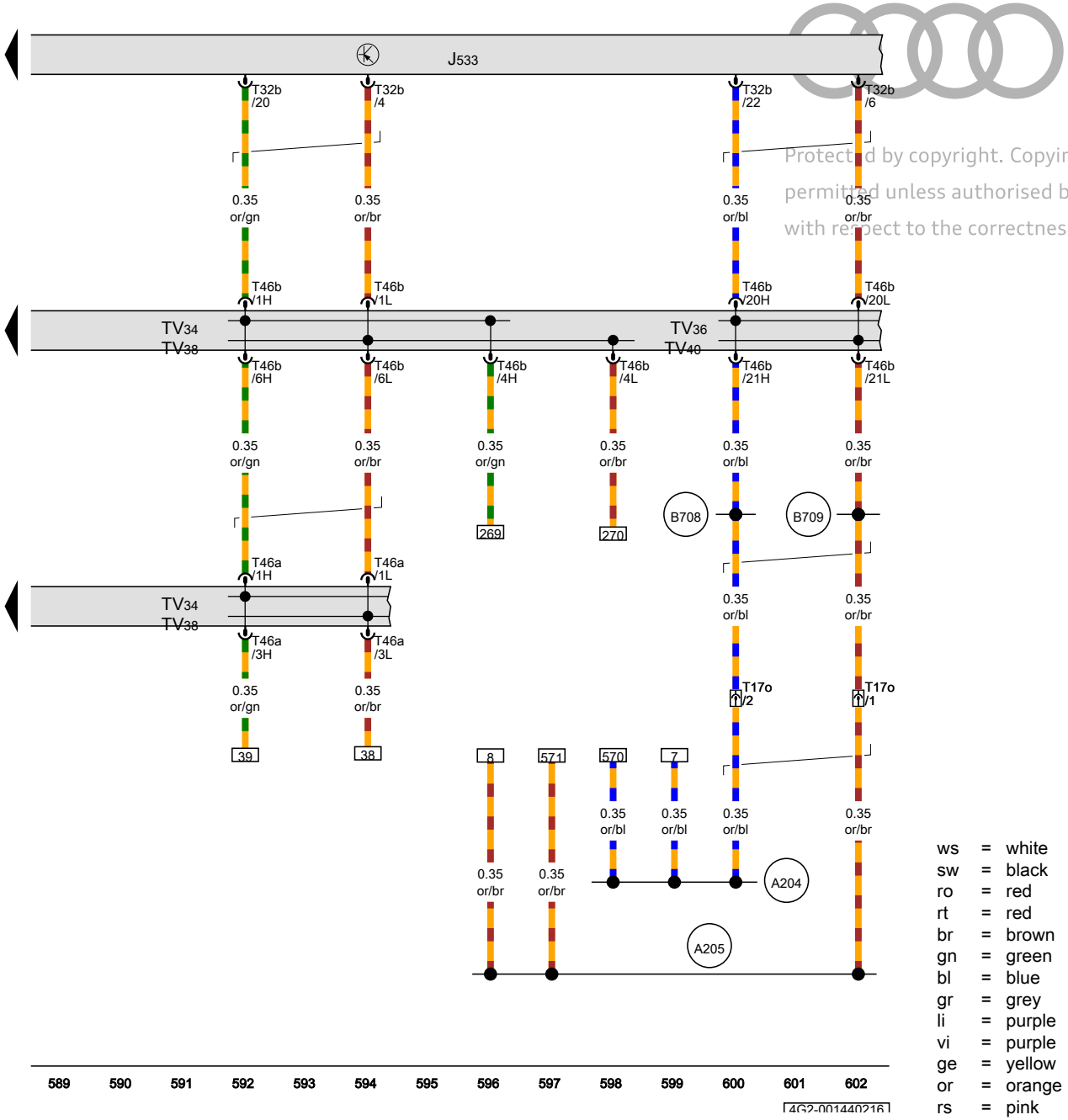
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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high

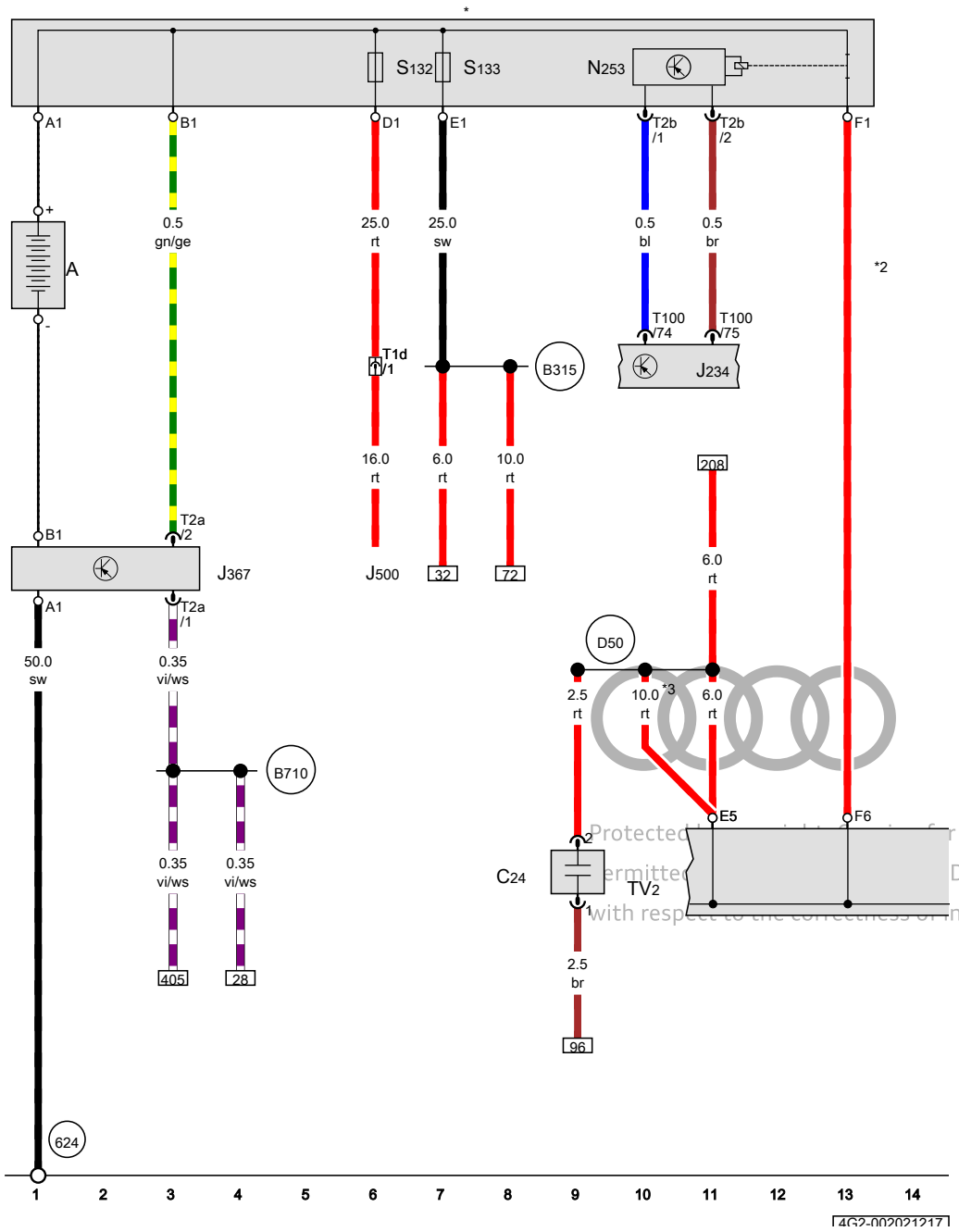
J533	Data bus diagnostic interface
T17o	17-pin connector, in right A-pillar coupling station
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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2.8l petrol engine , CHVA,CNYB

From January 2011

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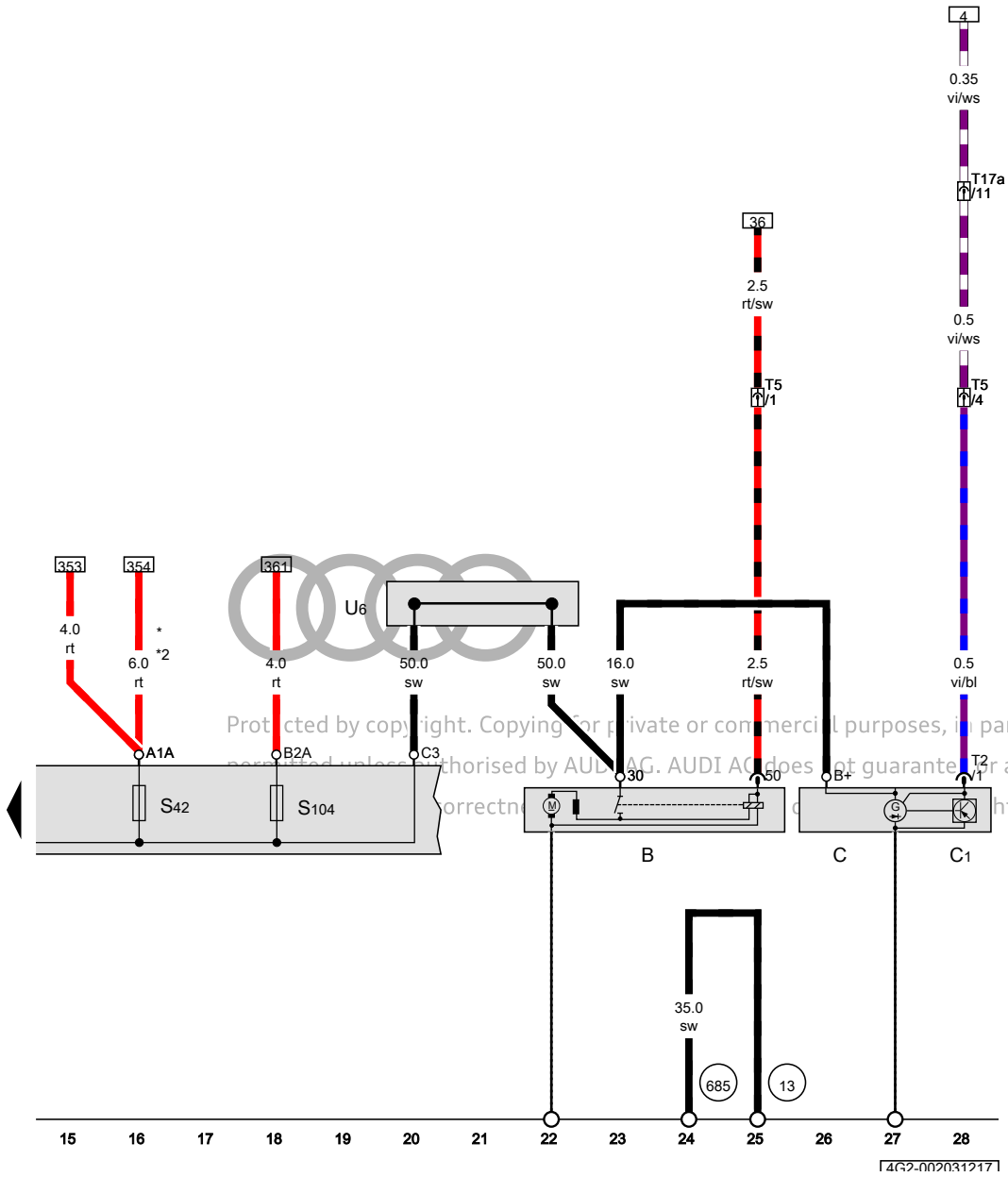


Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor
*3	see applicable current flow diagram for dual clutch gearbox

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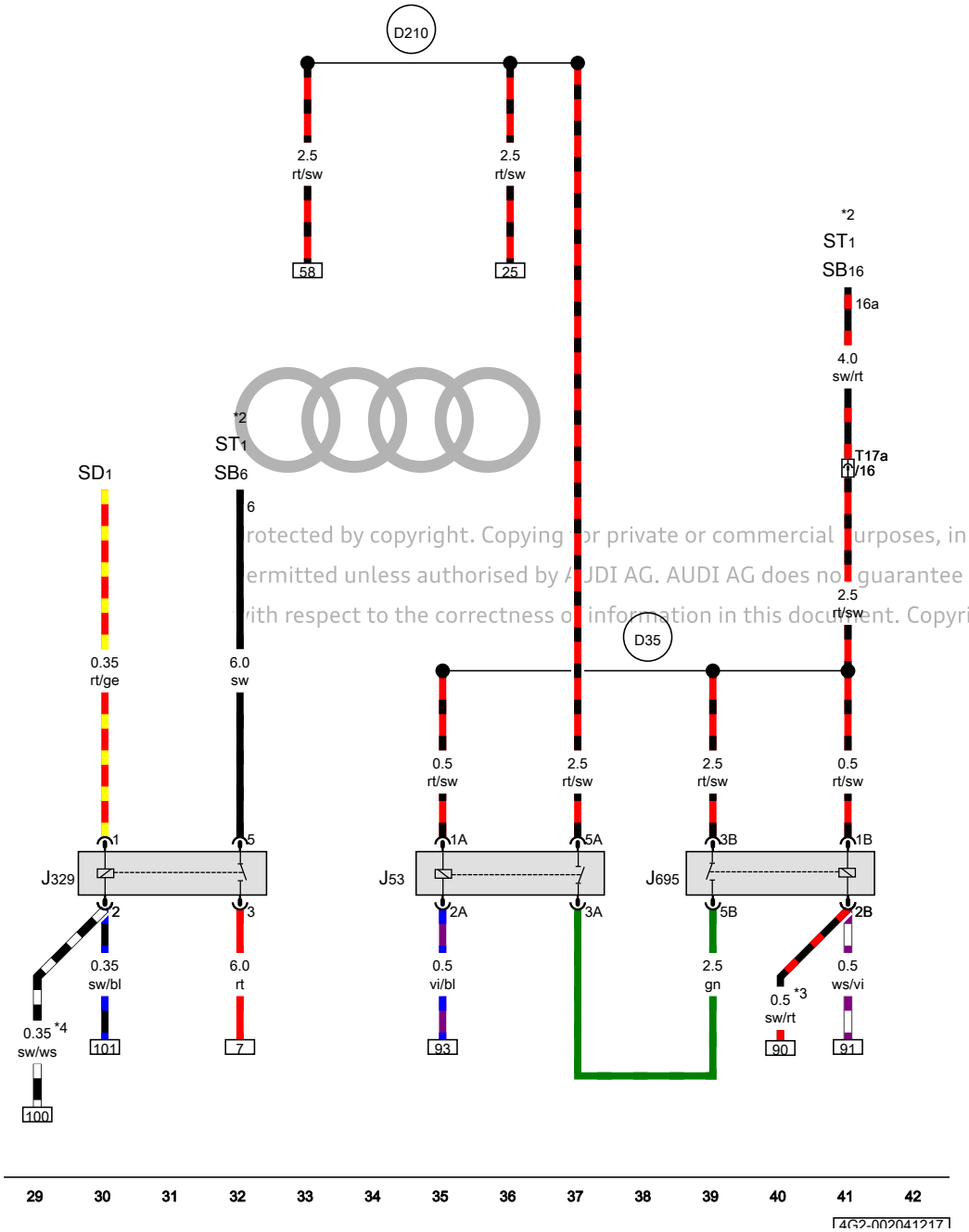


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Starter, Alternator

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	For models with trailer socket
*2	For countries with hot climate

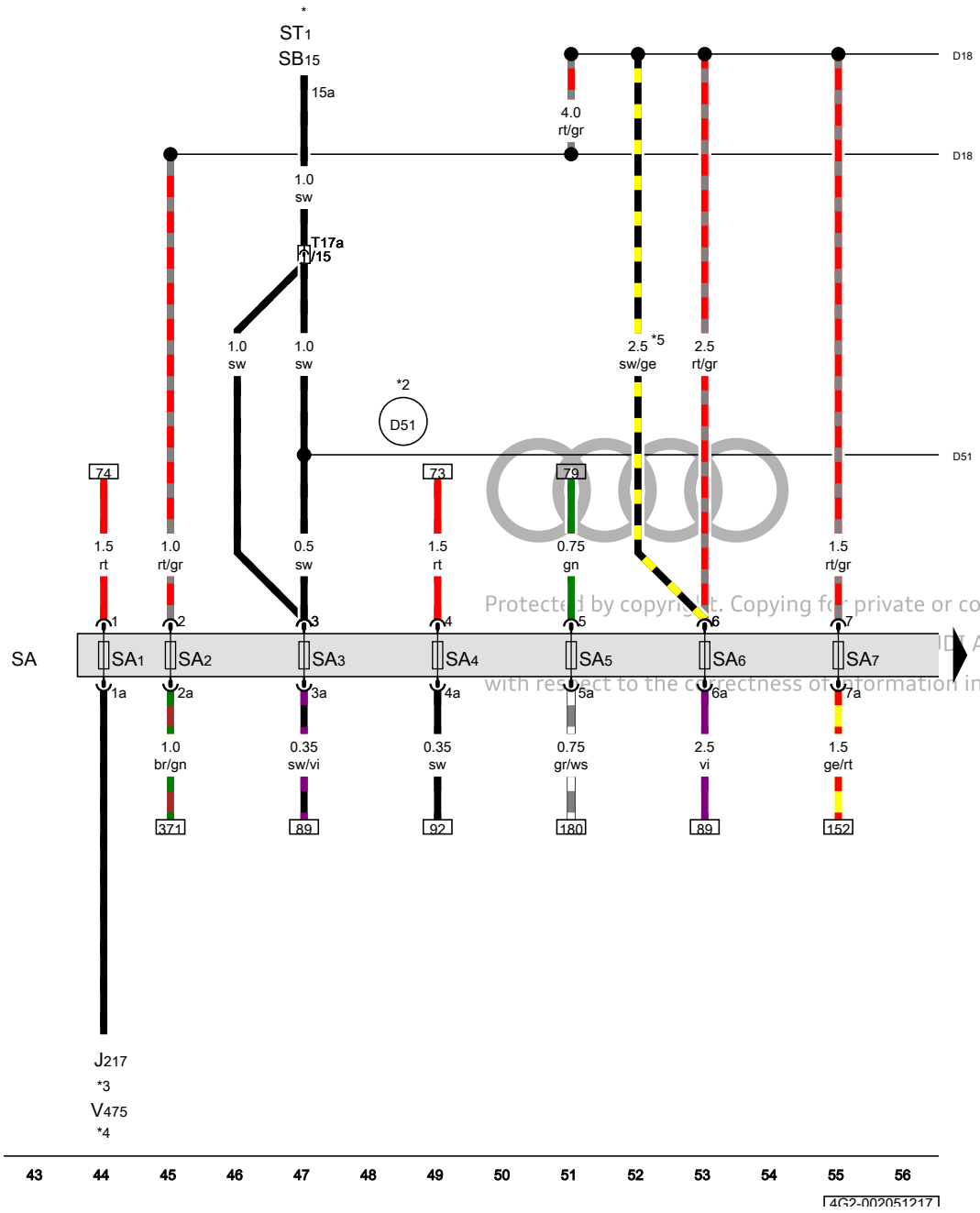


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB6	Fuse 6 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	From June 2011
*4	For right-hand drive models

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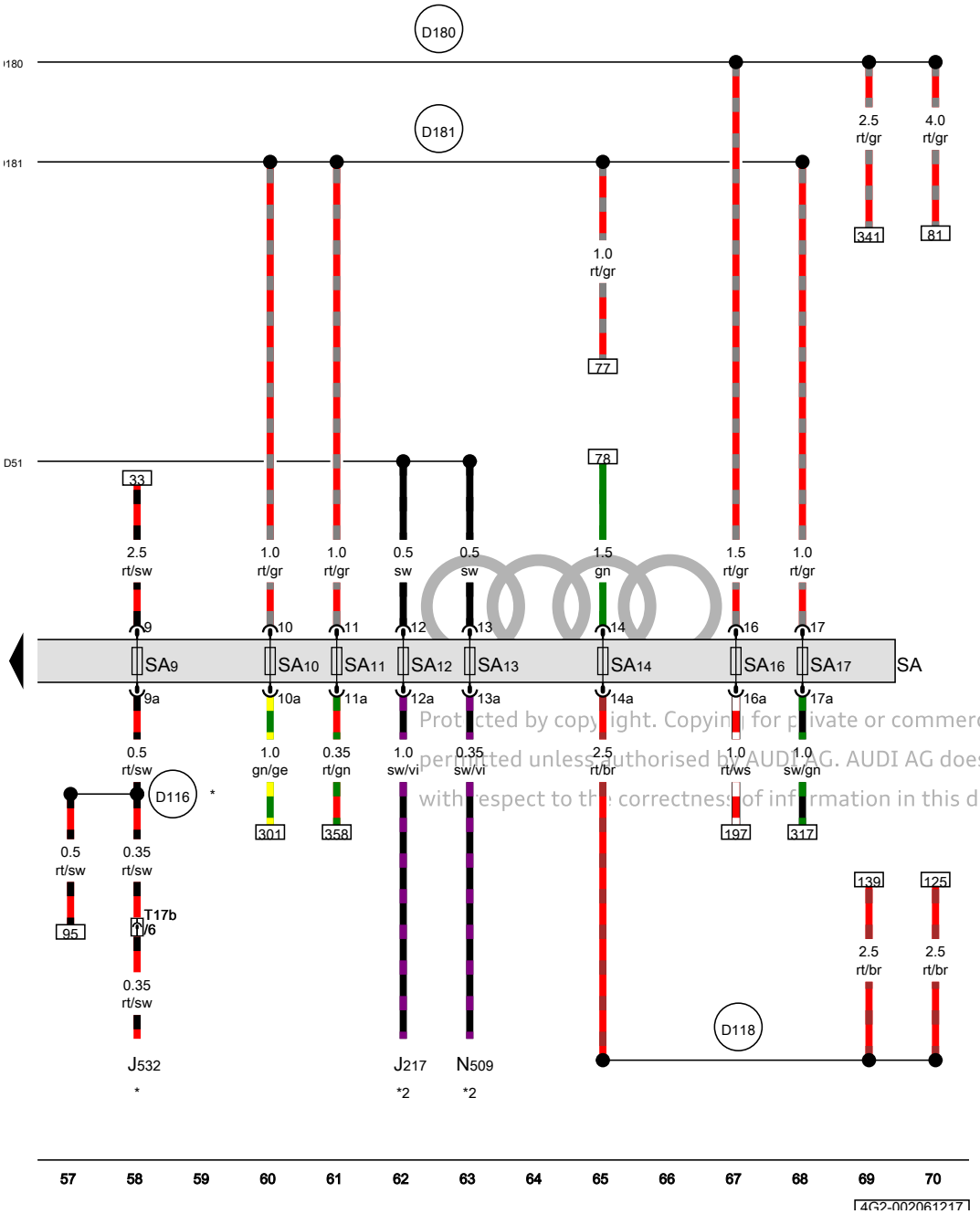


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Threaded connection, in E-box in plenum chamber
*3	see applicable current flow diagram for automatic gearbox
*4	see applicable current flow diagram for dual clutch gearbox
*5	gradual introduction

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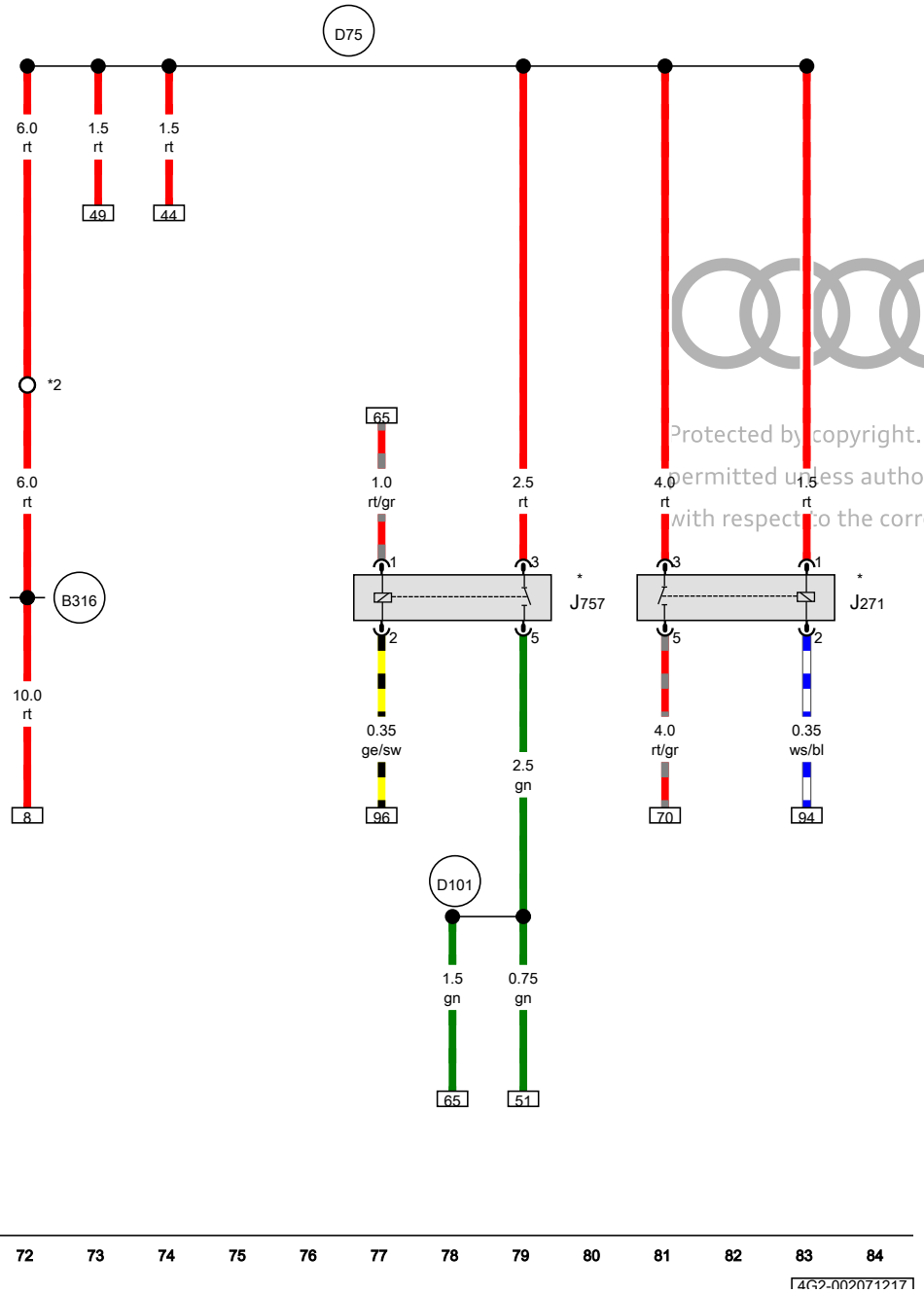


Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

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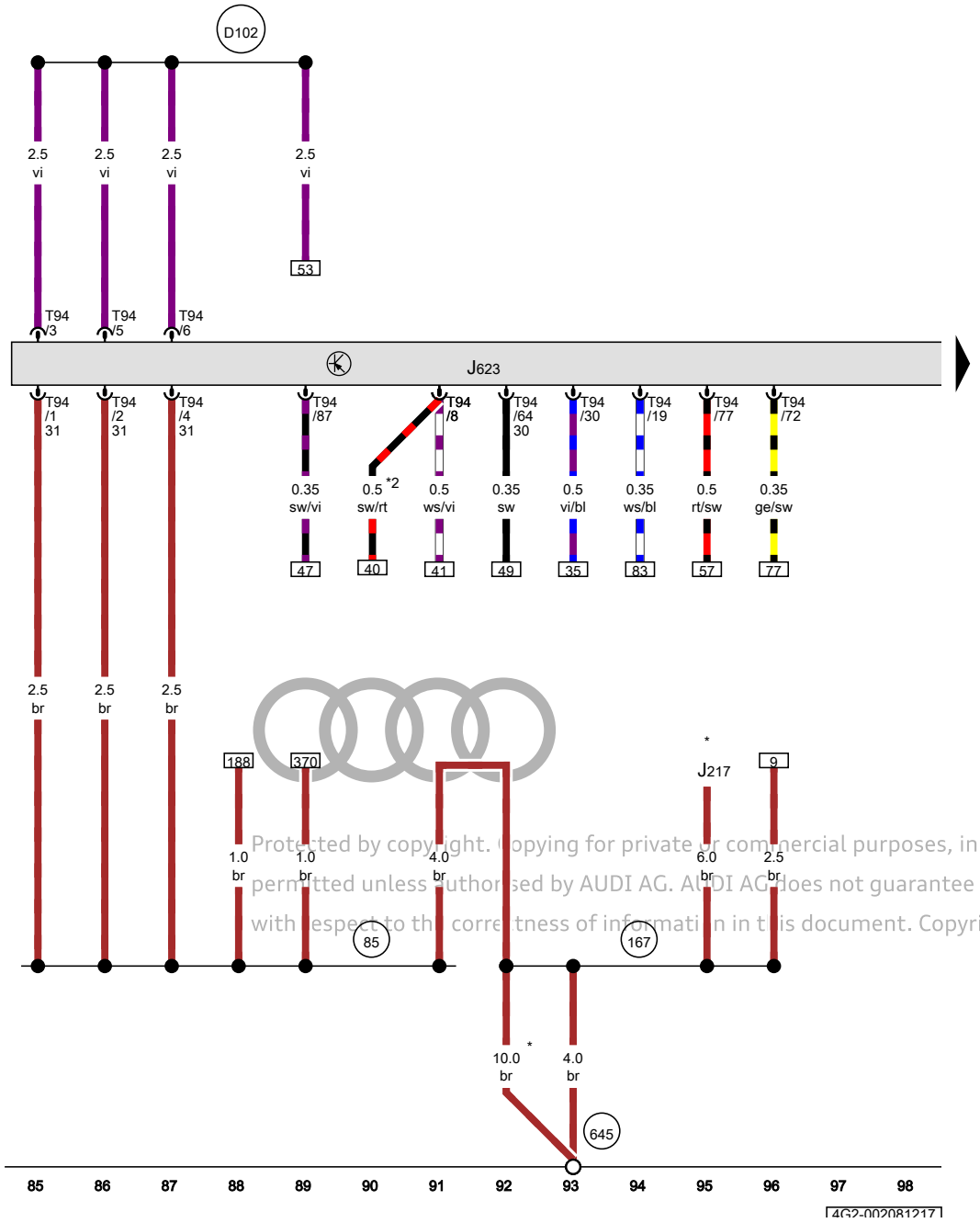


Main relay, Engine component current supply relay

J271	Main relay
J757	Engine component current supply relay
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	Threaded connection, in E-box in plenum chamber

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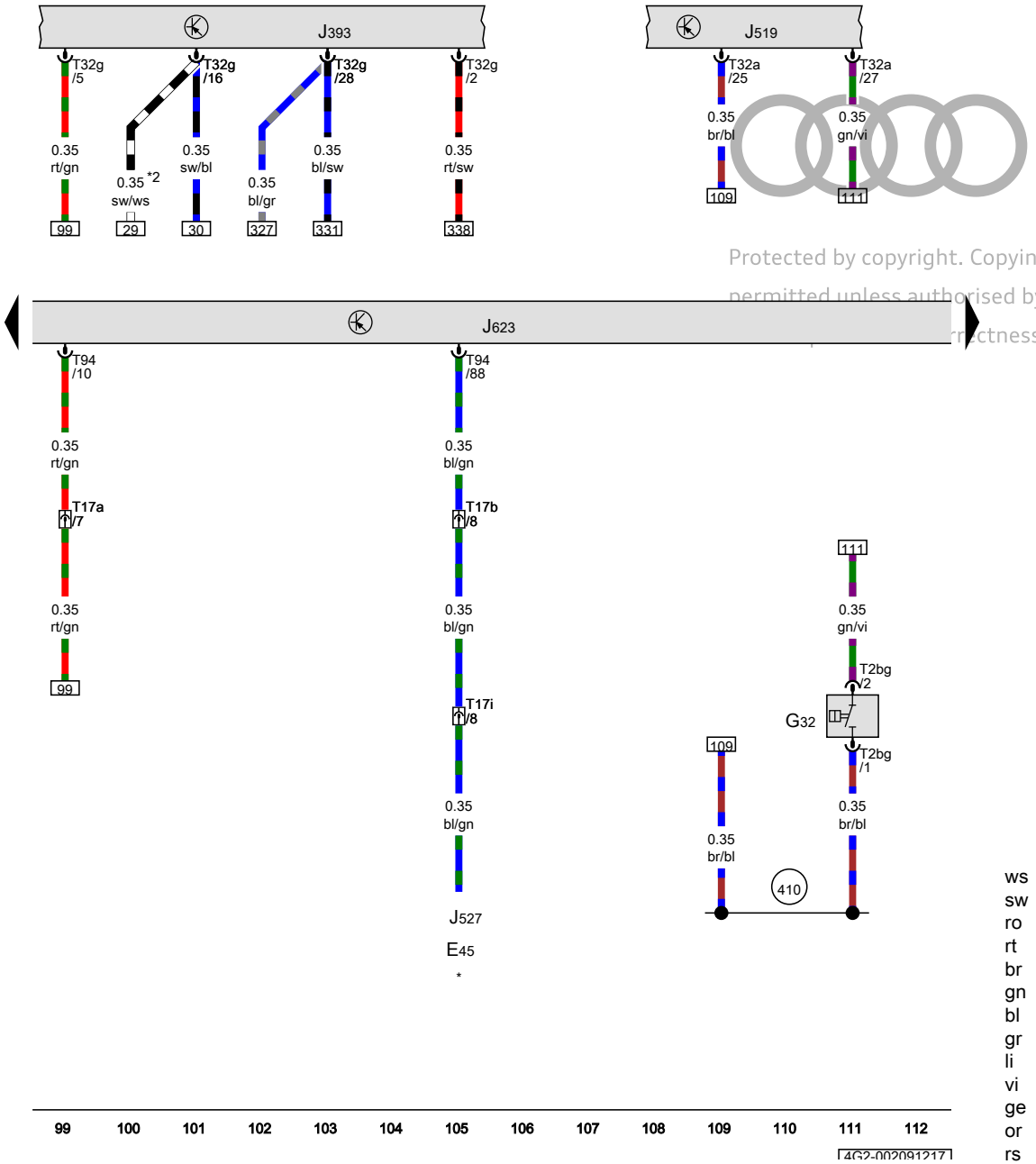


Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	From June 2011

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or	=	orange
rs	=	pink

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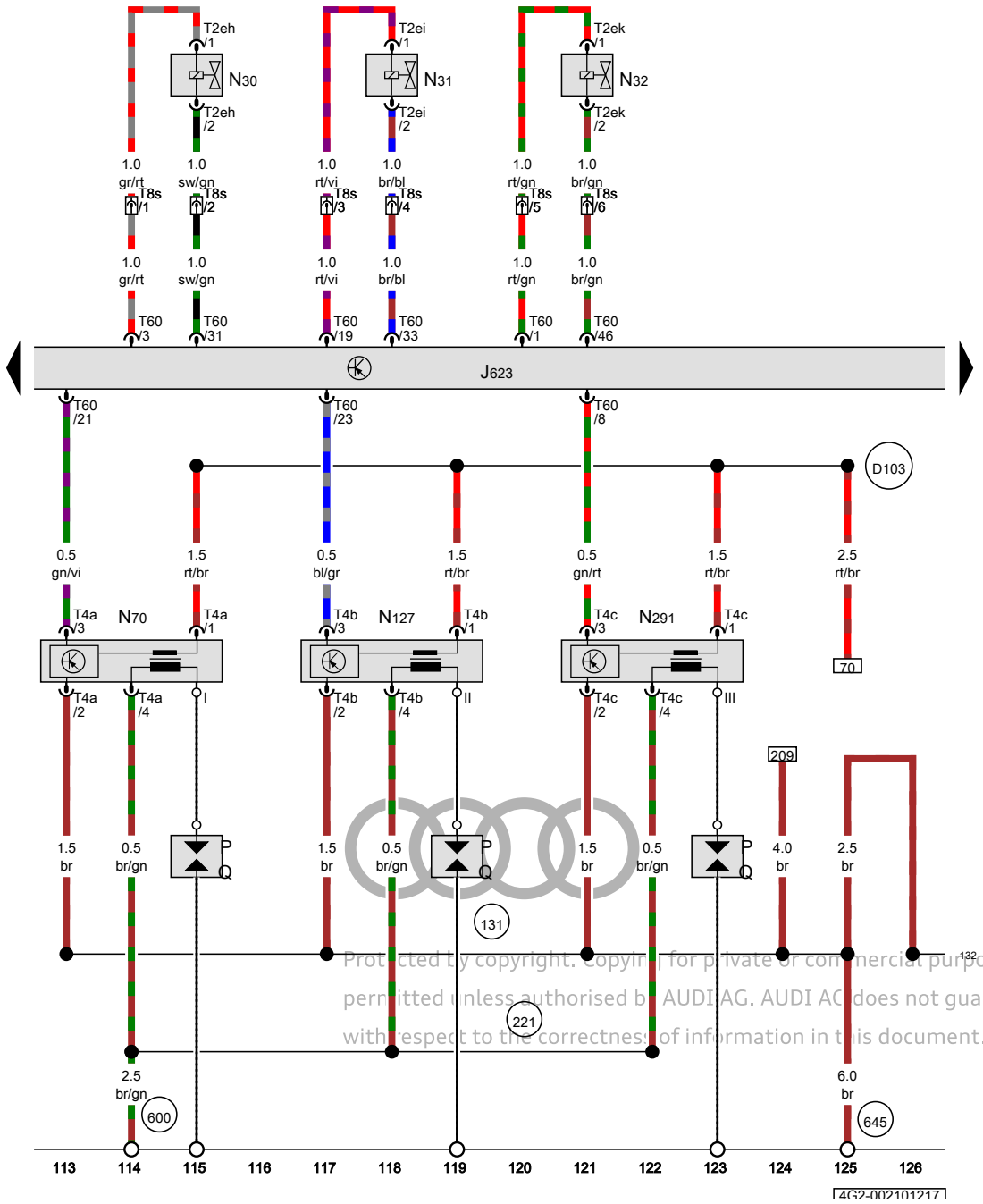


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li = purple
vi = purple
ge = yellow
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rs = pink

Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	For right-hand drive models

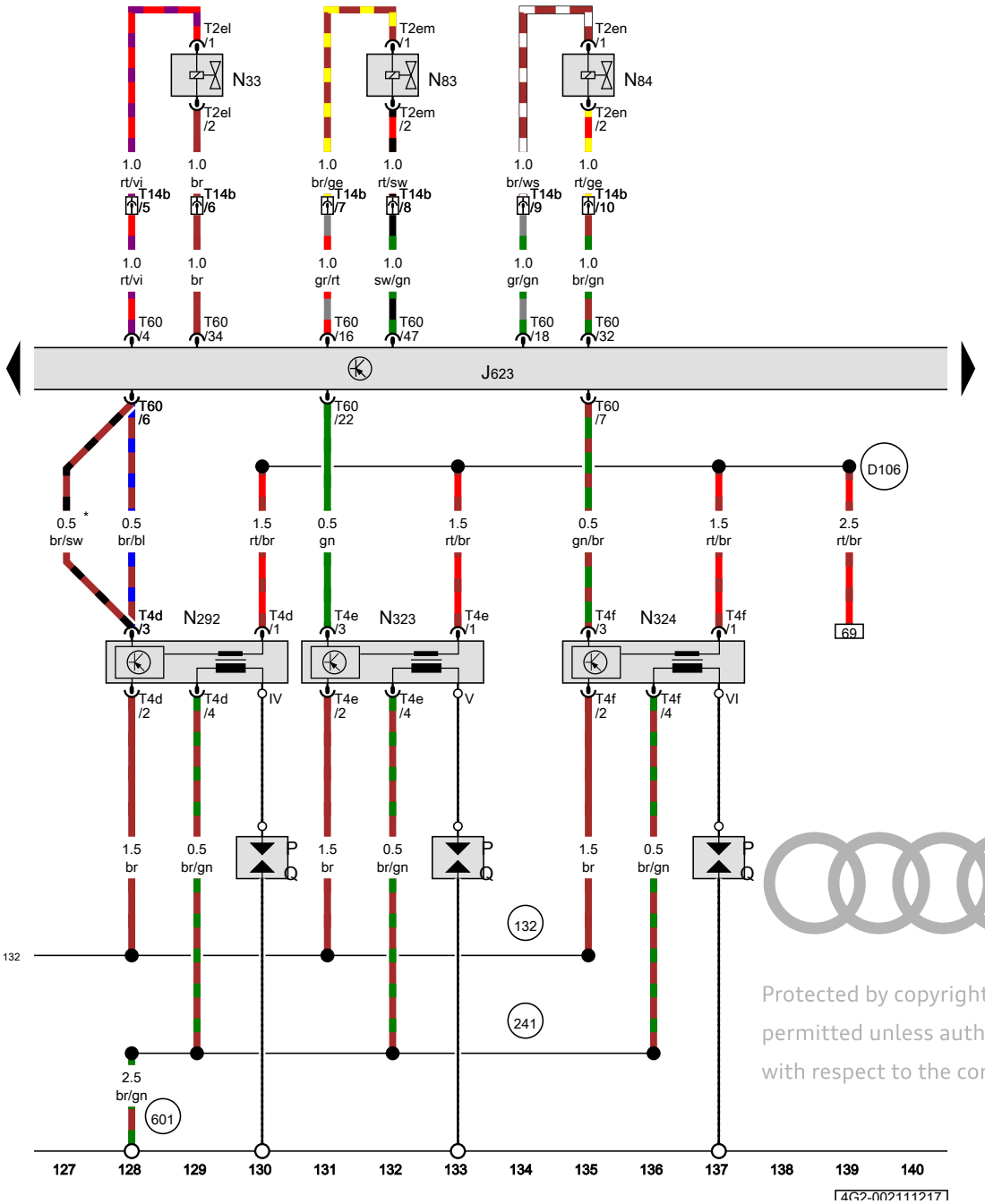


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Engine/motor control unit, Injector, cylinder 1, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T4c	4-pin connector
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
600	Earth point, on right cylinder head
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness

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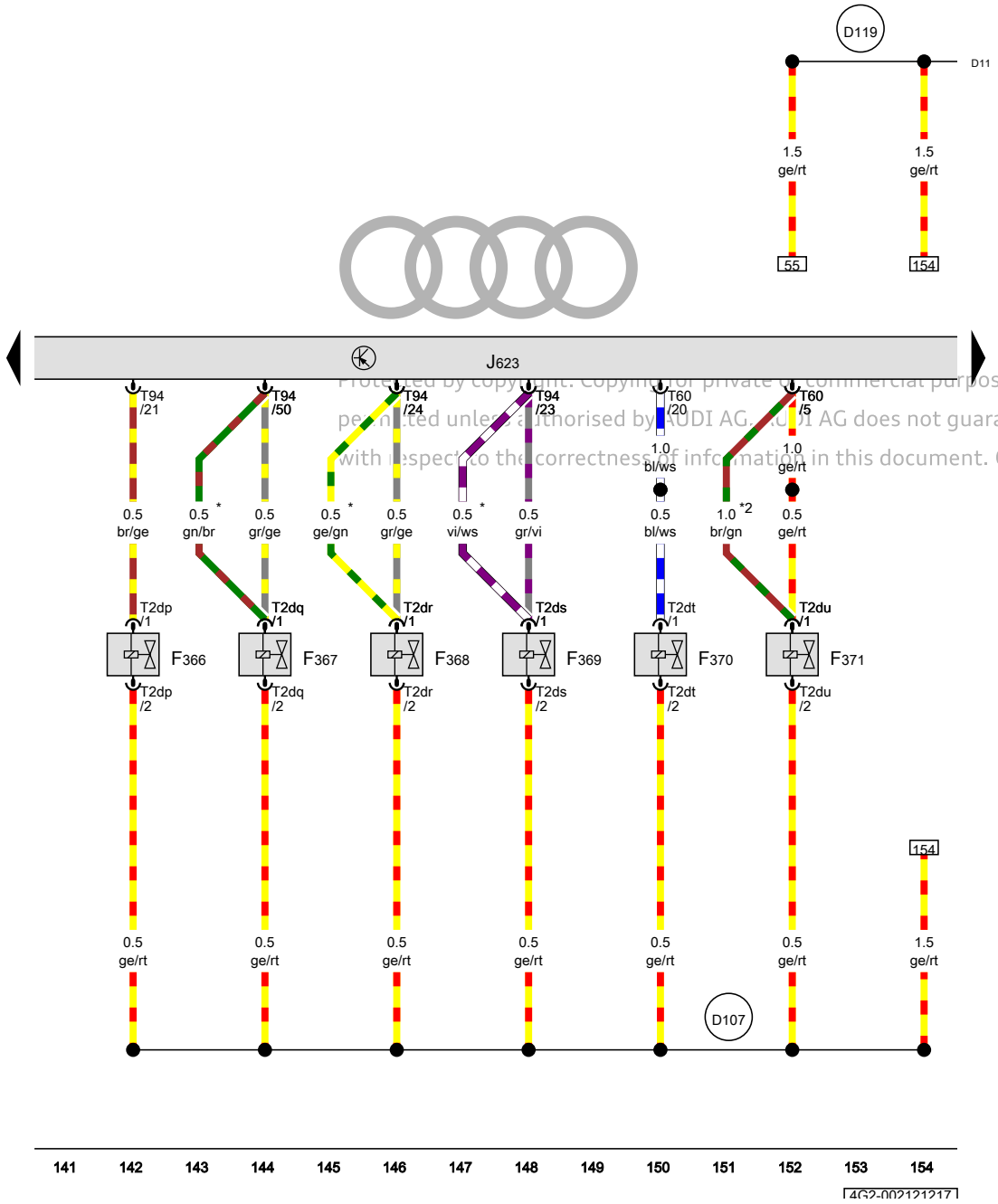


Engine/motor control unit, Injector, cylinder 4, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
P	Spark plug connector
Q	Spark plugs
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T4d	4-pin connector
T4e	4-pin connector
T4f	4-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
132	Earth connection 3, in engine compartment wiring harness
241	Earth connection 2, engine earth in engine wiring harness
601	Earth point, on left cylinder head
D106	Connection 4 in engine compartment wiring harness
*	From June 2011

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br	=	brown
gn	=	green
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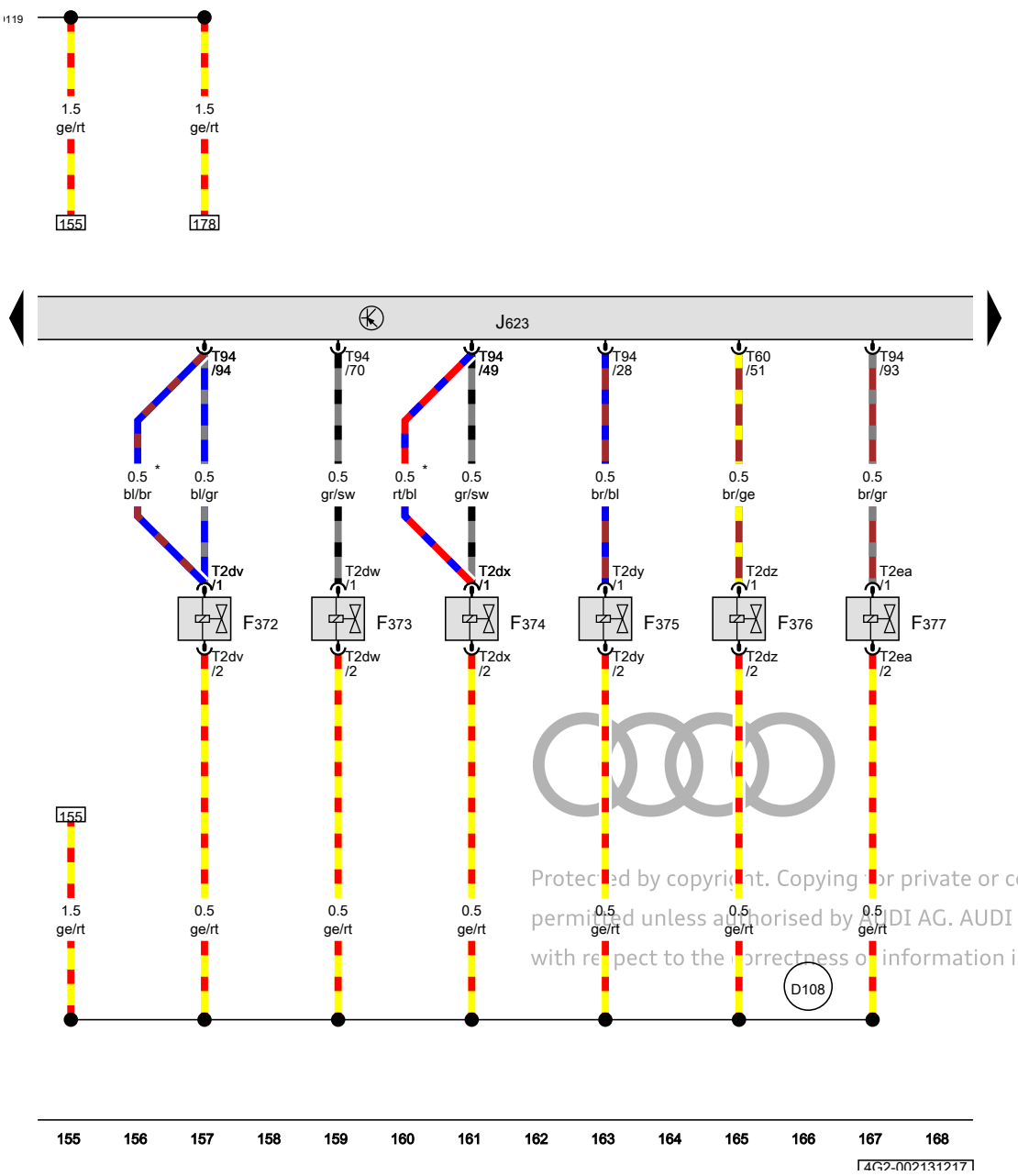


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Actuator 1 for camshaft adjustment, Engine/motor control unit

F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
J623	Engine/motor control unit
T2dp	2-pin connector
T2dq	2-pin connector
T2dr	2-pin connector
T2ds	2-pin connector
T2dt	2-pin connector
T2du	2-pin connector
T60	60-pin connector
T94	94-pin connector
D107	Connection 5 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	From June 2011
*2	Up to June 2012

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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Actuator 7 for camshaft adjustment, Engine/motor control unit

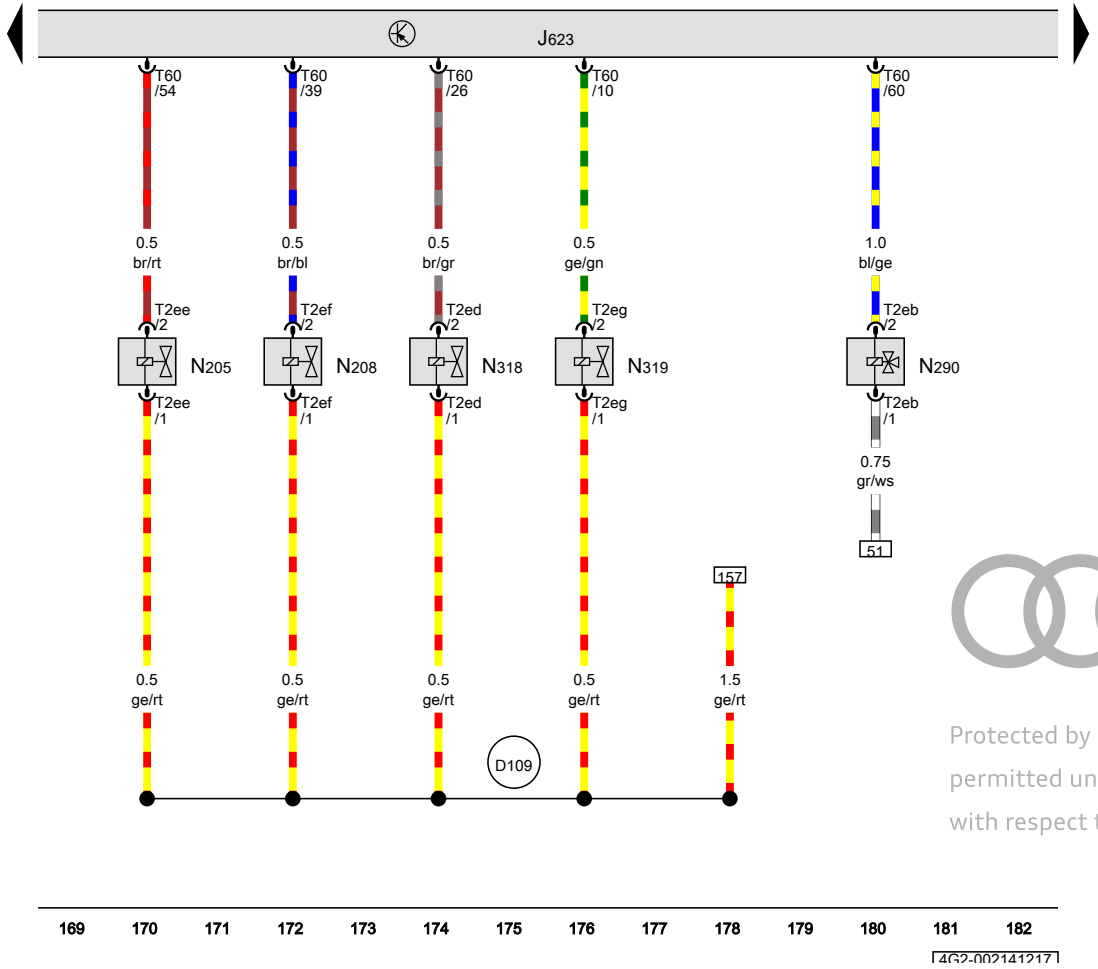
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
F374	Actuator 9 for camshaft adjustment
F375	Actuator 10 for camshaft adjustment
F376	Actuator 11 for camshaft adjustment
F377	Actuator 12 for camshaft adjustment
J623	Engine/motor control unit
T2dv	2-pin connector
T2dw	2-pin connector
T2dx	2-pin connector
T2dy	2-pin connector
T2dz	2-pin connector
T2ea	2-pin connector
T60	60-pin connector
T94	94-pin connector
D108	Connection 6 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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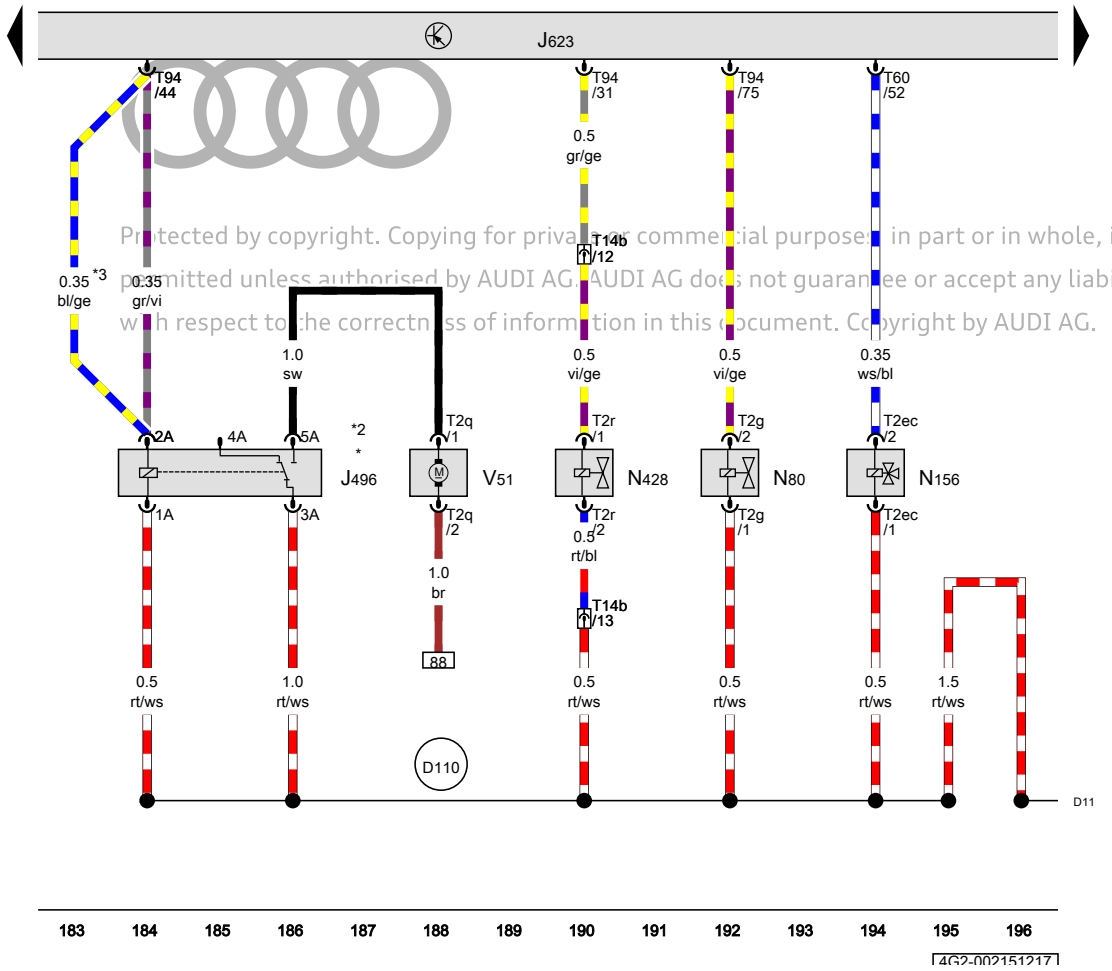
Engine/motor control unit, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1

J623	Engine/motor control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T2eb	2-pin connector
T2ed	2-pin connector
T2ee	2-pin connector
T2ef	2-pin connector
T2eg	2-pin connector
T60	60-pin connector
D109	Connection 7 in engine compartment wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
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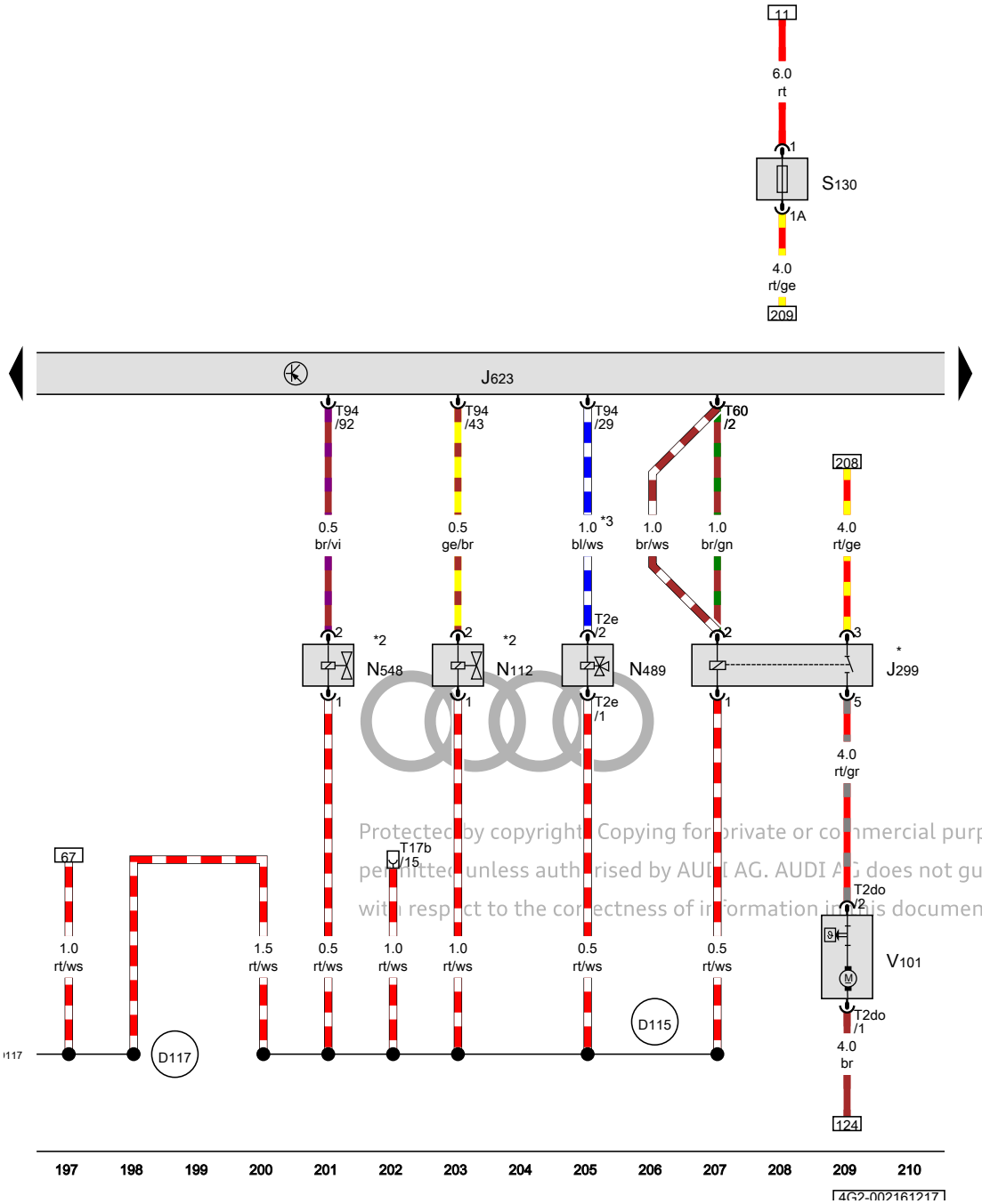


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Additional coolant pump relay, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Variable intake manifold changeover valve, Valve for oil pressure control, Continued coolant circulation pump

J496	Additional coolant pump relay
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N156	Variable intake manifold changeover valve
N428	Valve for oil pressure control
T2ec	2-pin connector
T2g	2-pin connector
T2q	2-pin connector
T2r	2-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
D110	Connection 8 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	For countries with hot climate
*2	Relay and fuse carrier, in E-box in plenum chamber
*3	From June 2011



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Secondary air pump relay, Engine/motor control unit, Secondary air inlet valve, Coolant valve for cylinder head, Crankcase breather shut-off valve, Secondary air pump fuse, Secondary air pump motor

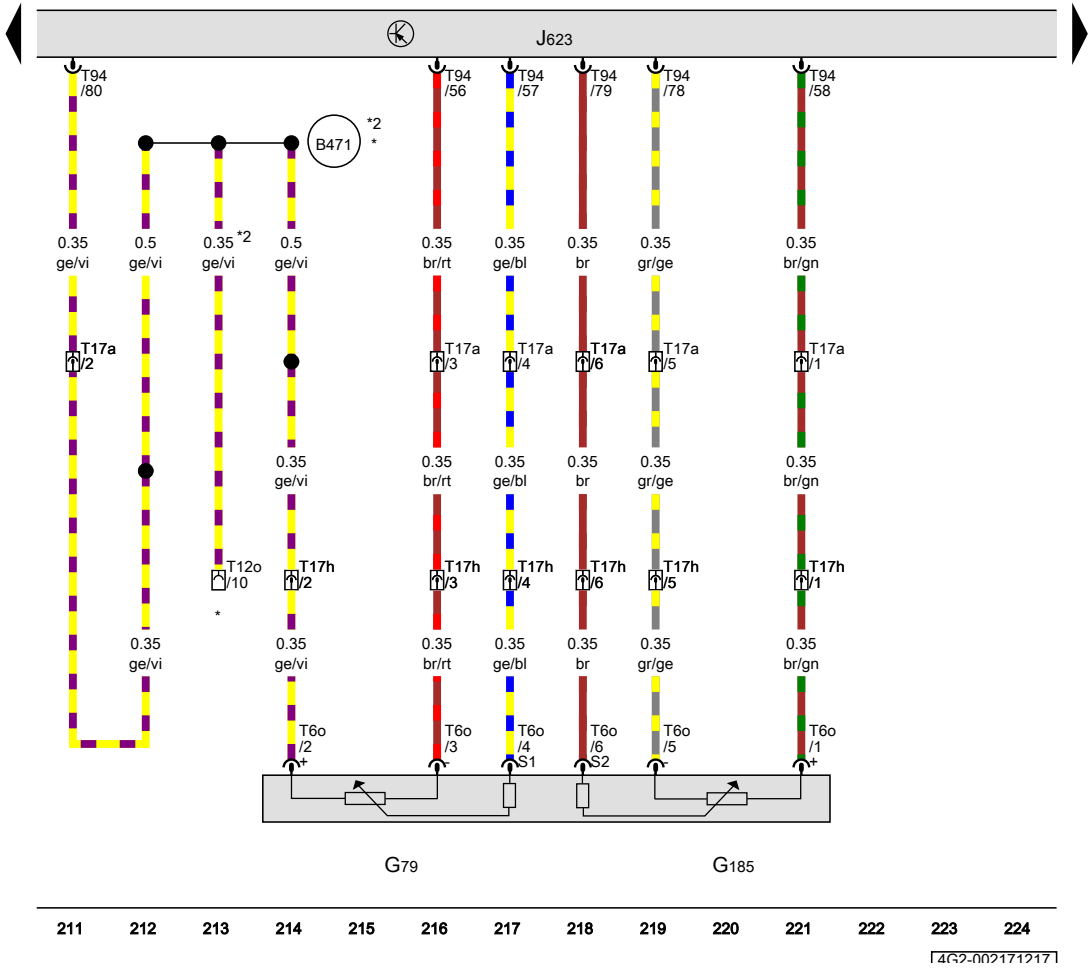
J299	Secondary air pump relay
J623	Engine/motor control unit
N112	Secondary air inlet valve
N489	Coolant valve for cylinder head
N548	Crankcase breather shut-off valve
S130	Secondary air pump fuse
T2do	2-pin connector
T2e	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T60	60-pin connector
T94	94-pin connector
V101	Secondary air pump motor
D115	Connection 13 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	gradual introduction
*3	From June 2011

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ge	=	yellow
or	=	orange
rs	=	pink

Accelerator position sender, Engine/motor control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T6o	6-pin connector
T12o	12-pin connector, on right in luggage compartment
T17a	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T94	94-pin connector
B471	Connection 7, in main wiring harness
*	For models with interface for special functions
*2	Up to May 2011

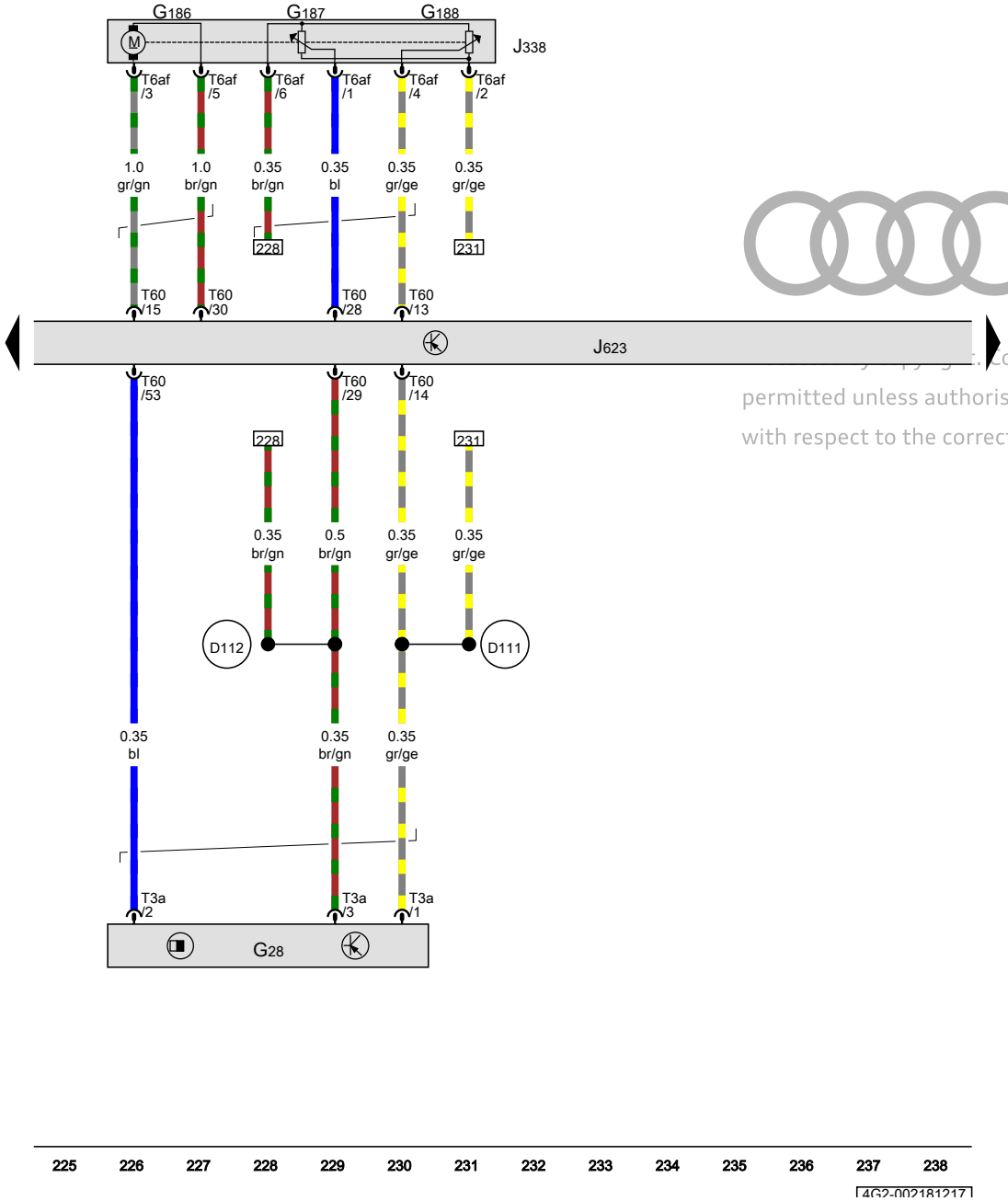
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or	=	orange
rs	=	pink

Engine speed sender, Throttle valve module, Engine/motor control unit

G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T3a	3-pin connector
T6af	6-pin connector
T60	60-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness

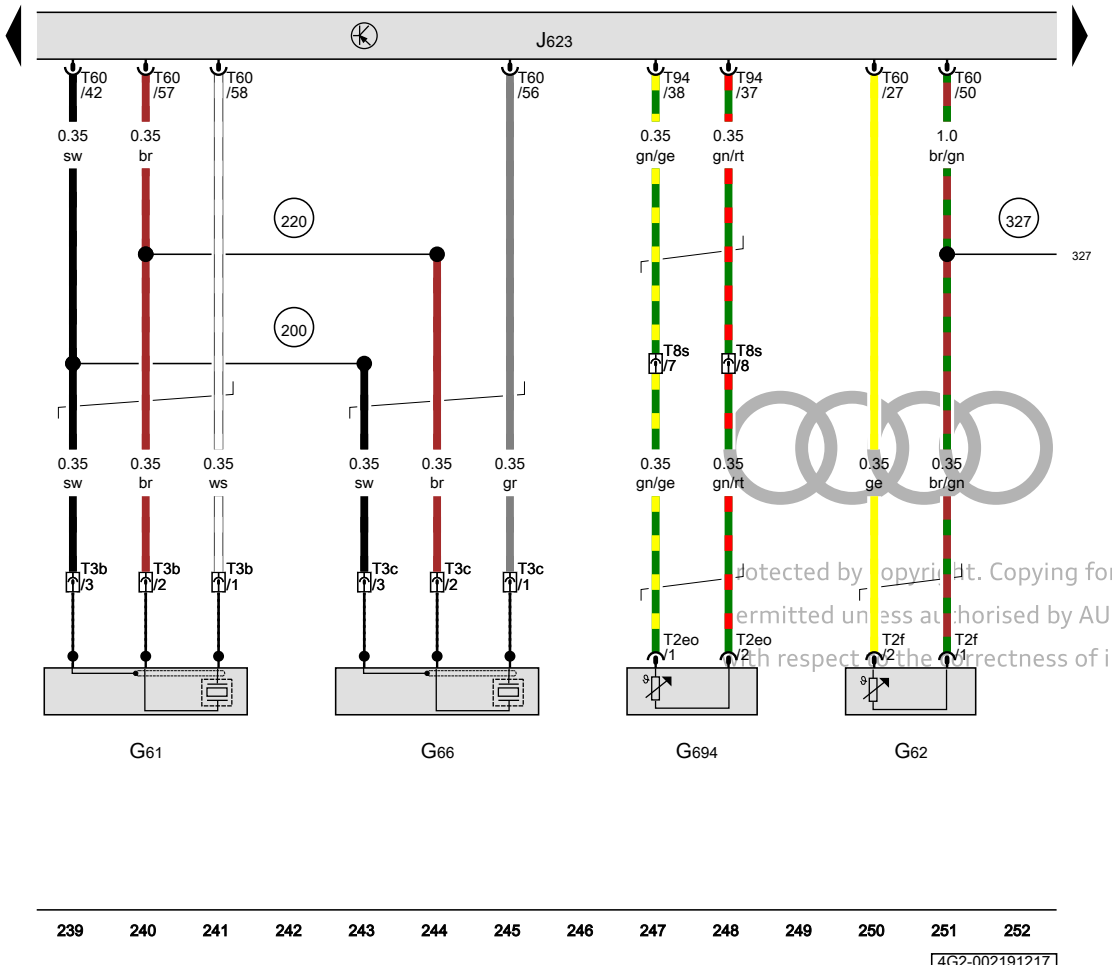


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Knock sensor 1, Coolant temperature sender, Knock sensor 2, Temperature sender for engine temperature regulation, Engine/motor control unit

G61	Knock sensor 1
G62	Coolant temperature sender
G66	Knock sensor 2
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit
T2eo	2-pin connector
T2f	2-pin connector
T3b	3-pin connector, green
T3c	3-pin connector, grey
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness

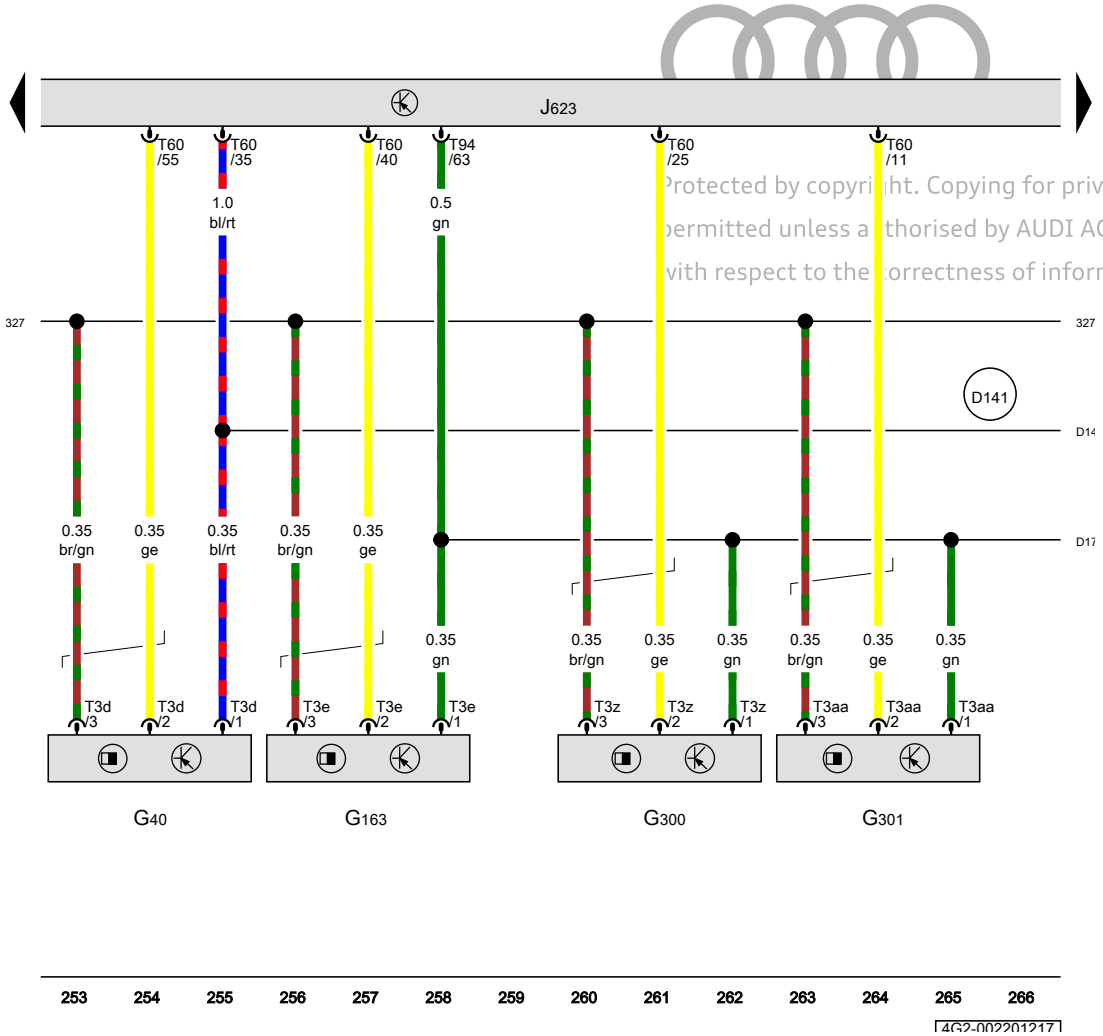


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rs	=	pink

Hall sender, Engine/motor control unit

G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
J623	Engine/motor control unit
T3aa	3-pin connector
T3d	3-pin connector
T3e	3-pin connector
T3z	3-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

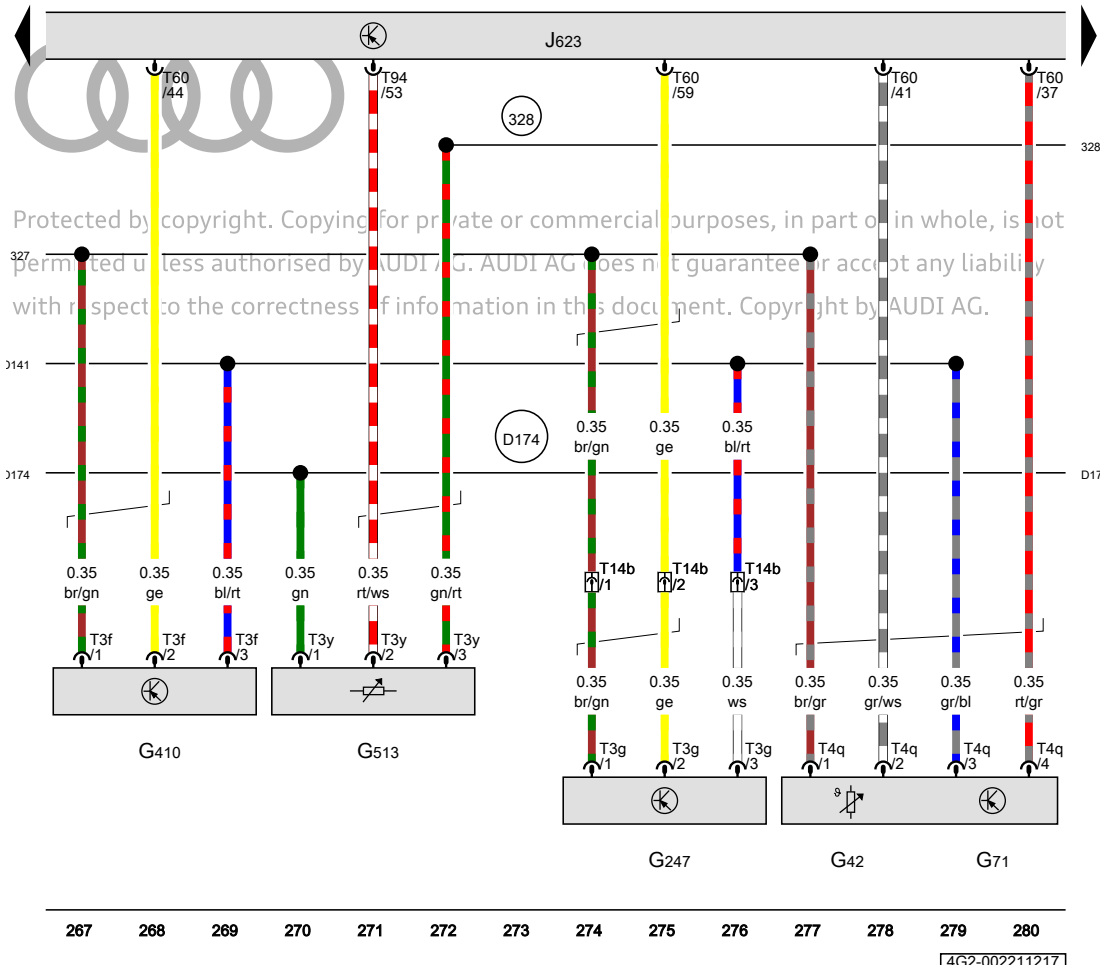


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Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Fuel pressure sender for low pressure, Variable intake manifold position sender, Engine/ motor control unit

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G410	Fuel pressure sender for low pressure
G513	Variable intake manifold position sender
J623	Engine/motor control unit
T3f	3-pin connector
T3g	3-pin connector
T3y	3-pin connector
T4q	4-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

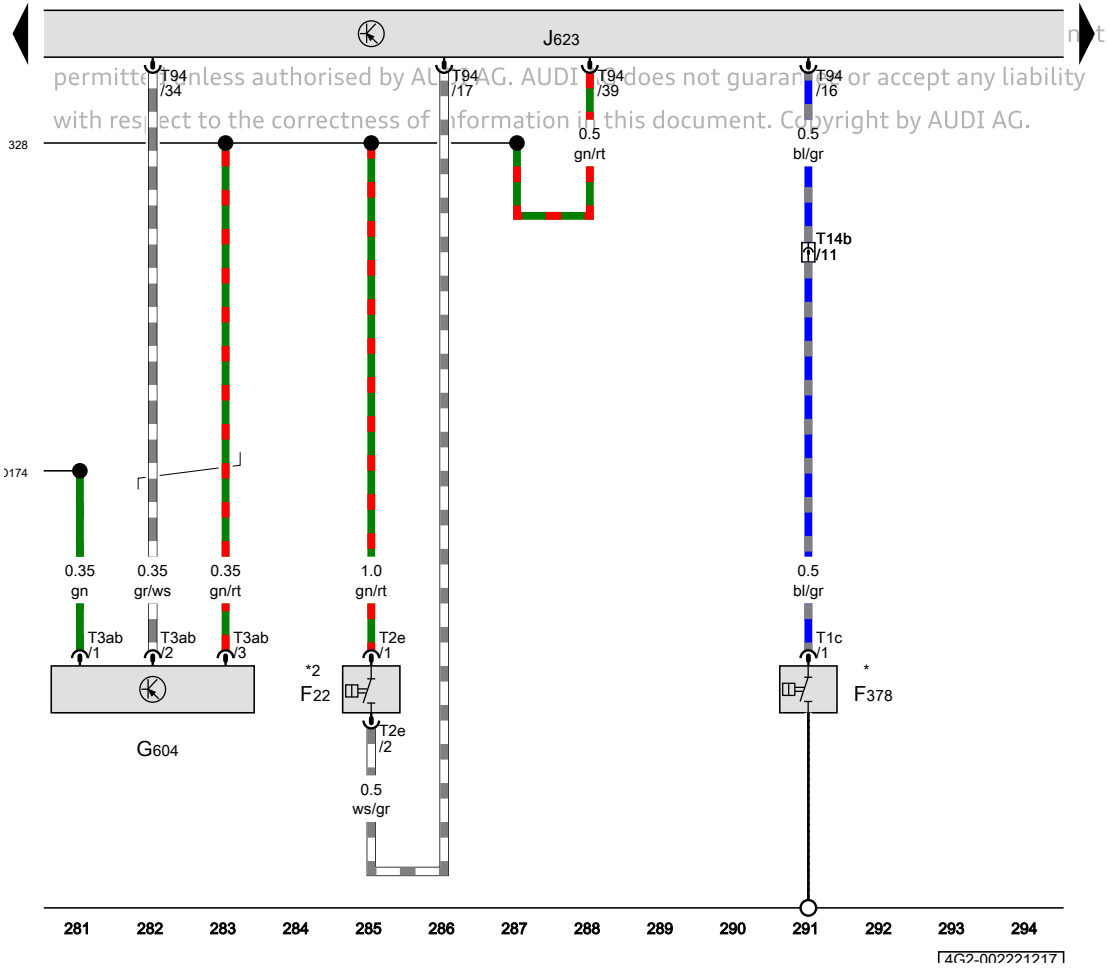


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Gear detection sensor, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G604	Gear detection sensor
J623	Engine/motor control unit
T1c	1-pin connector
T2e	2-pin connector
T3ab	3-pin connector
T14b	14-pin connector, on left in engine compartment
T94	94-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	0.9 bar
*2	2.6 bar

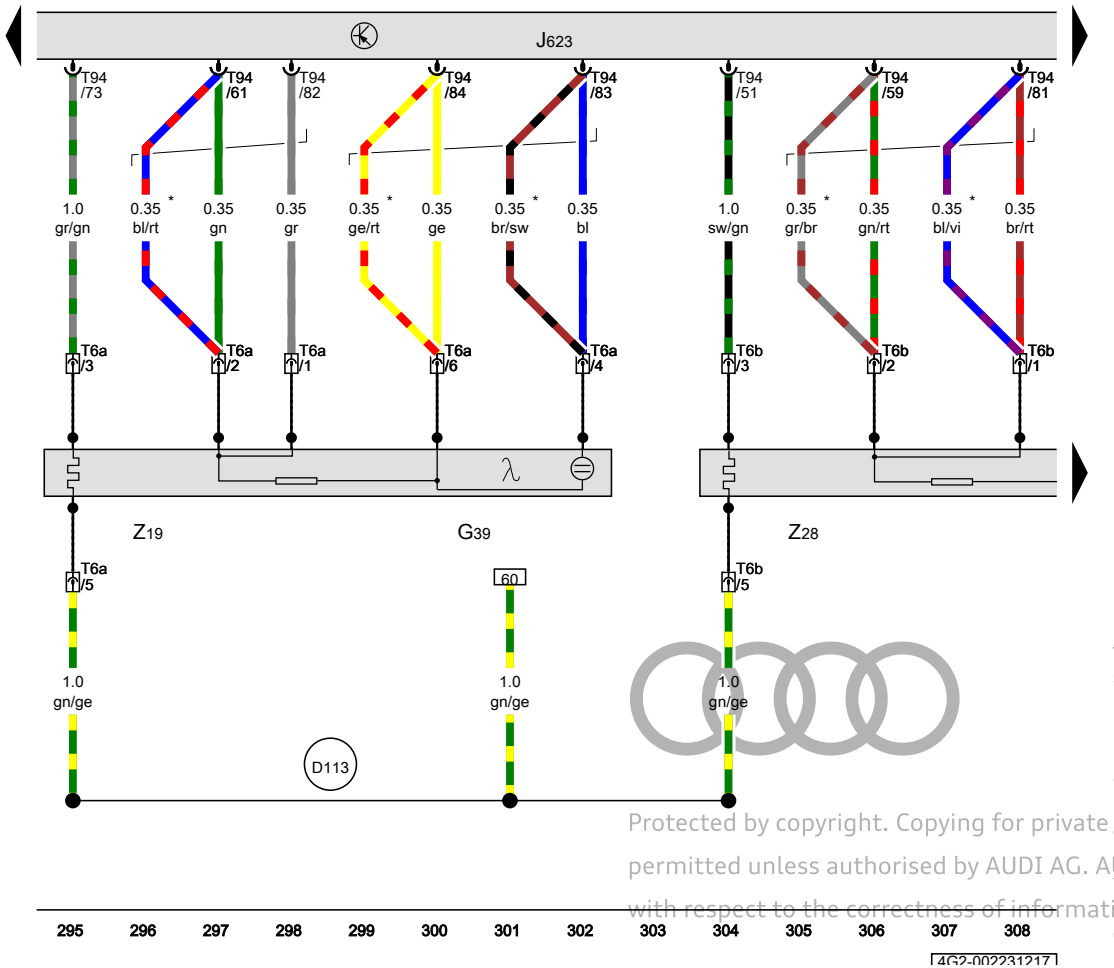


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or	=	orange
rs	=	pink

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Lambda probe, Engine/motor control unit, Lambda probe heater 2

G39	Lambda probe
J623	Engine/motor control unit
T6a	6-pin connector, black
T6b	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D113	Connection 11 in engine compartment wiring harness
*	From June 2011



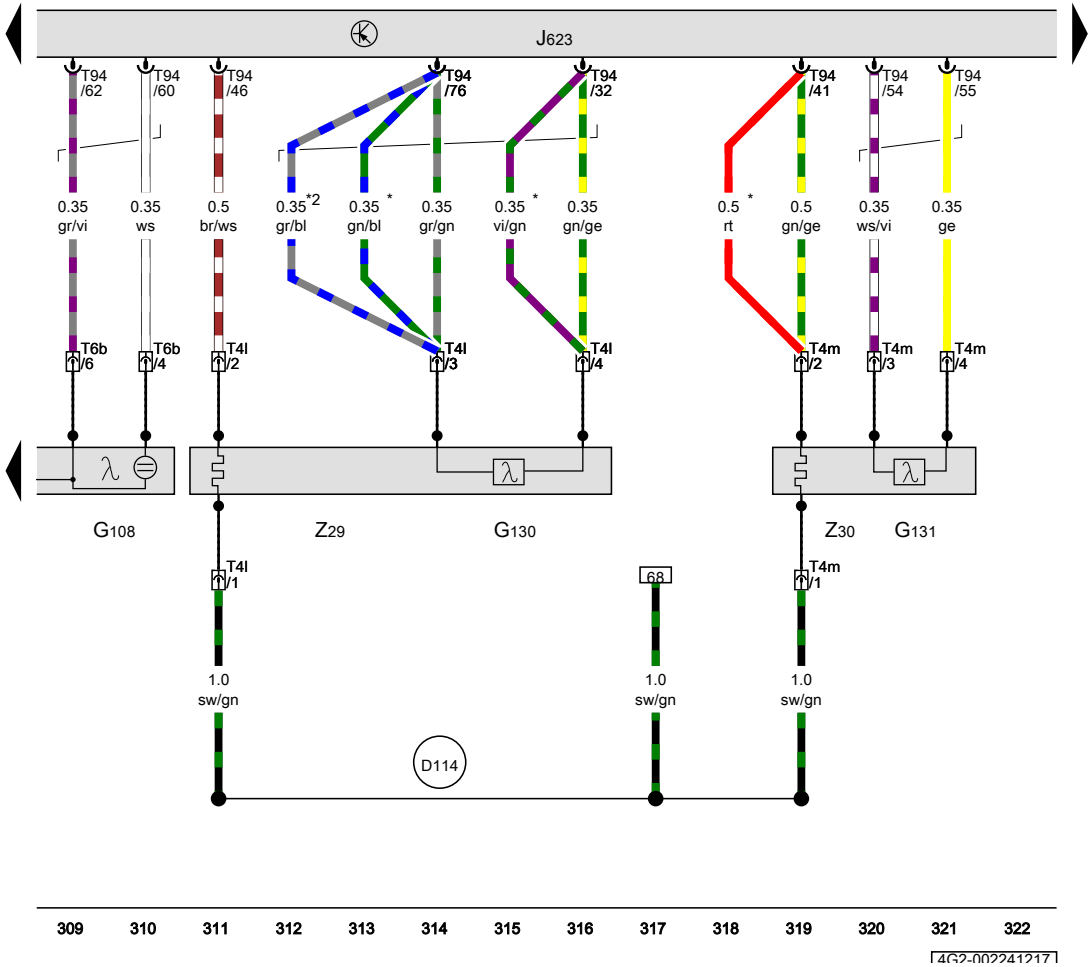
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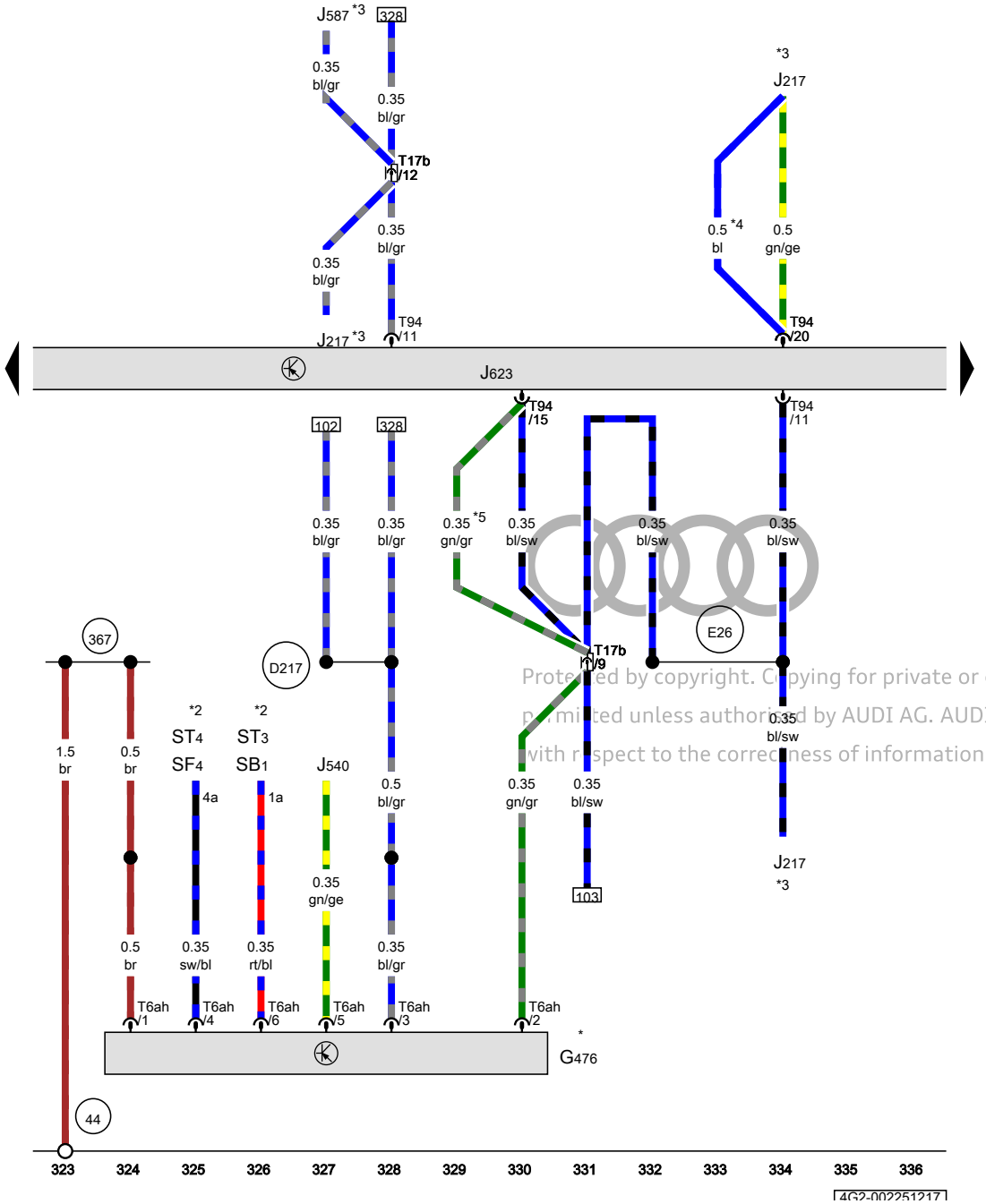
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Lambda probe 2, Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine/motor control unit

G108	Lambda probe 2
G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, black
T4m	4-pin connector, black
T6b	6-pin connector, black
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D114	Connection 12 in engine compartment wiring harness
*	From June 2011
*2	gradual introduction



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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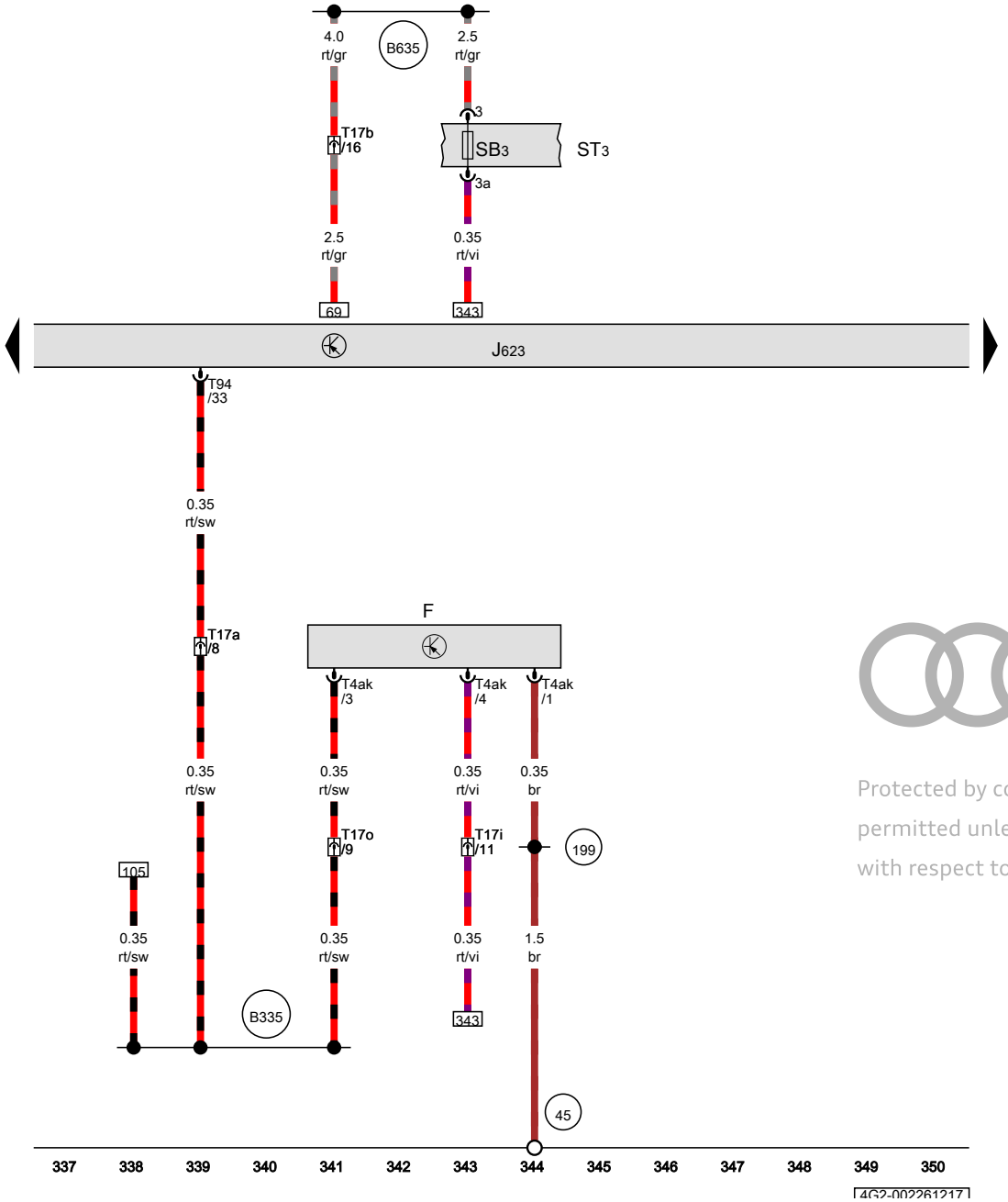


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Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J587	Selector lever sensors control unit
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
T6ah	6-pin connector
T17b	17-pin connector
T94	94-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for automatic gearbox
*4	From June 2011
*5	gradual introduction

ws	=	white
sw	=	black
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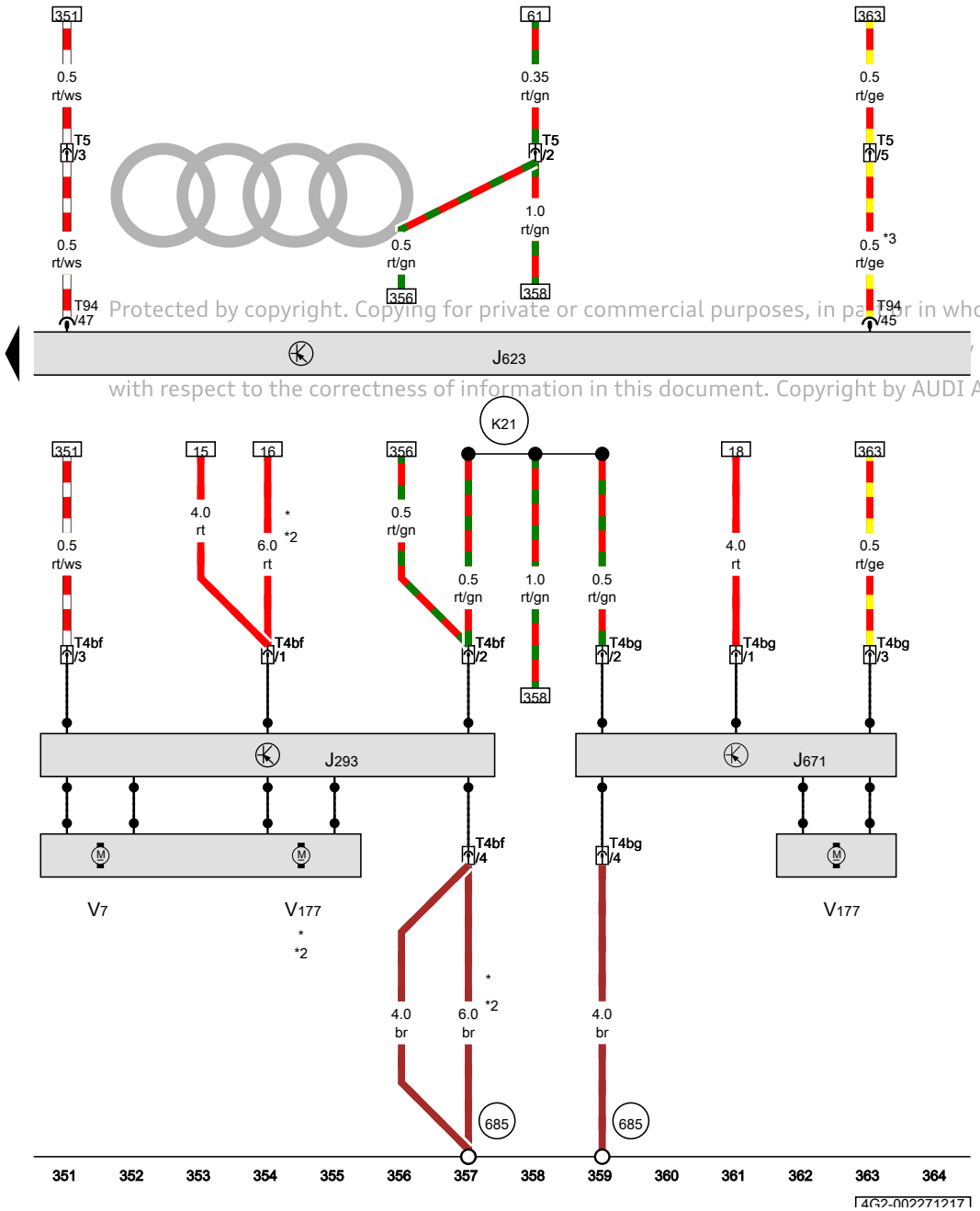


Brake light switch, Engine/motor control unit

F	Brake light switch
J623	Engine/motor control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness

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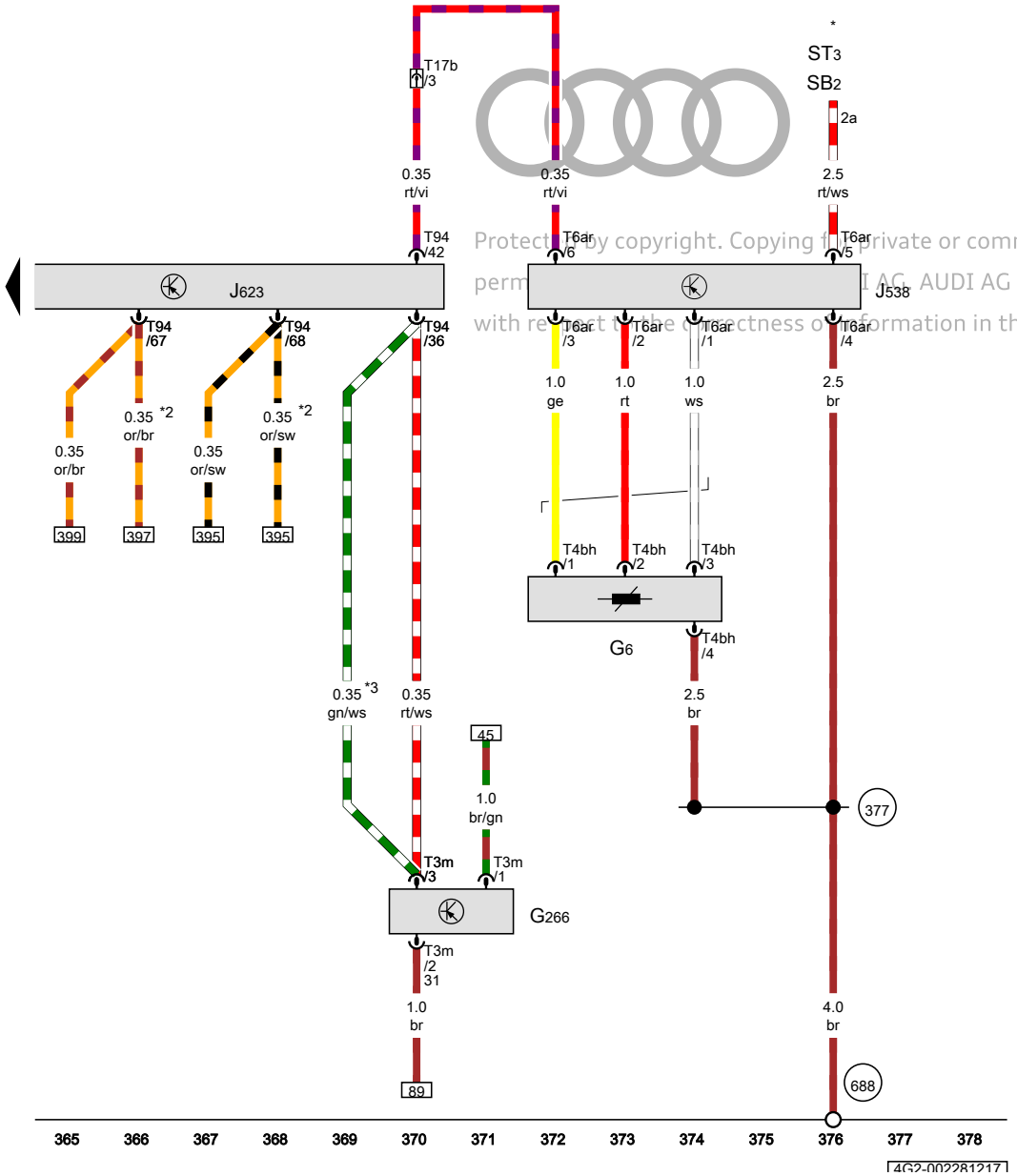
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Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector
T4bg	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T94	94-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	For models with trailer socket
*2	For countries with hot climate
*3	Gradually discontinued

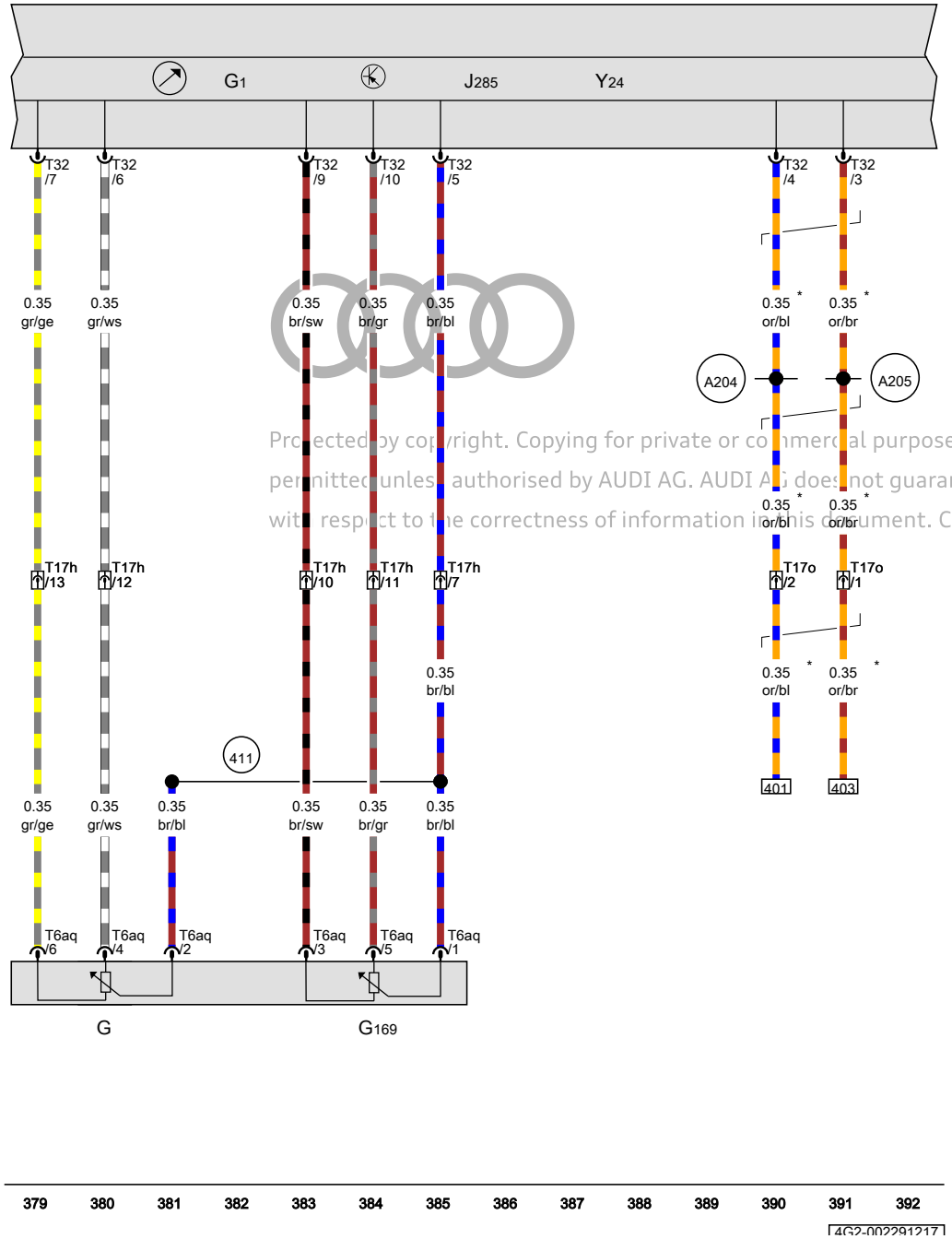
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	From June 2011



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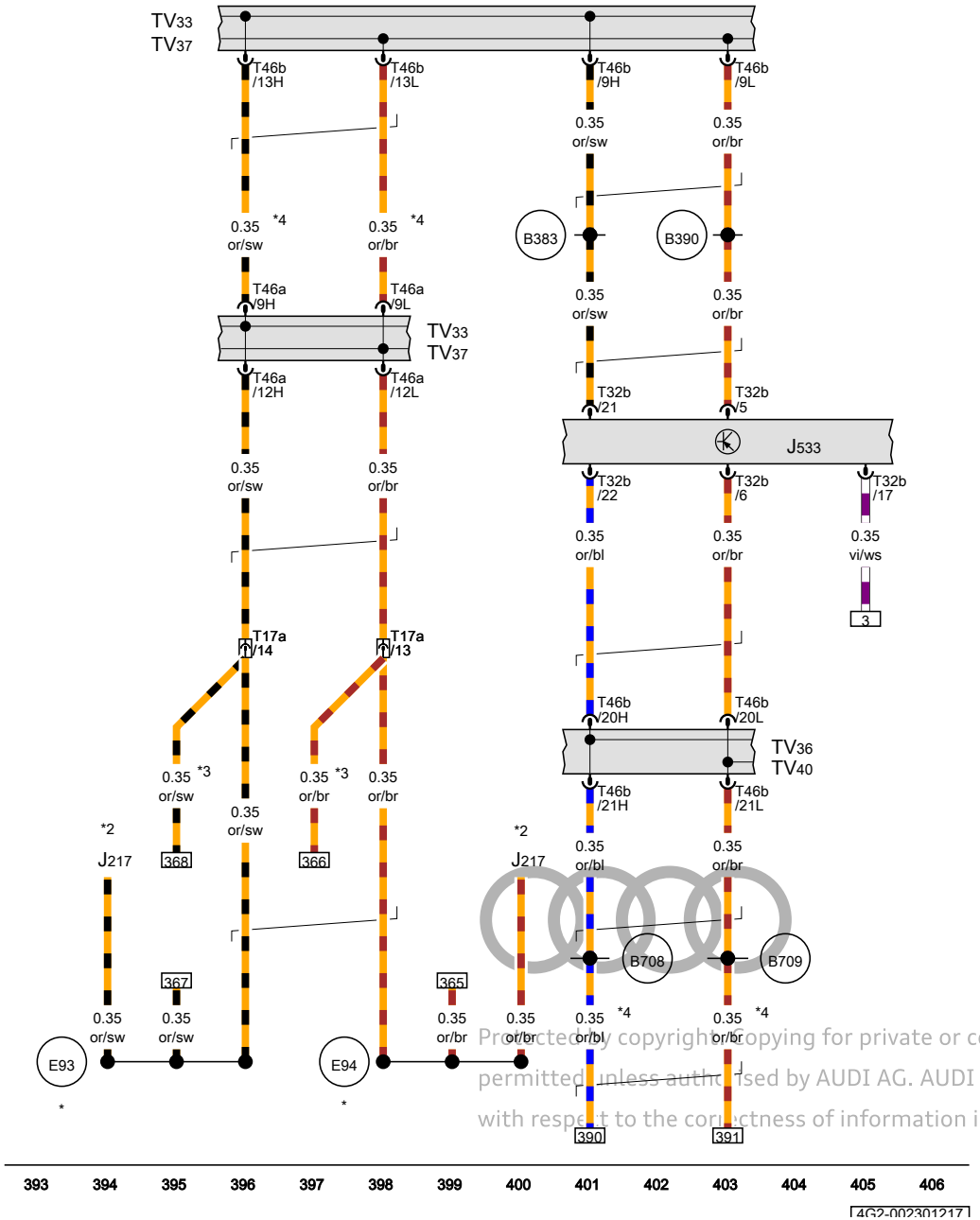


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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rt	=	red
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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

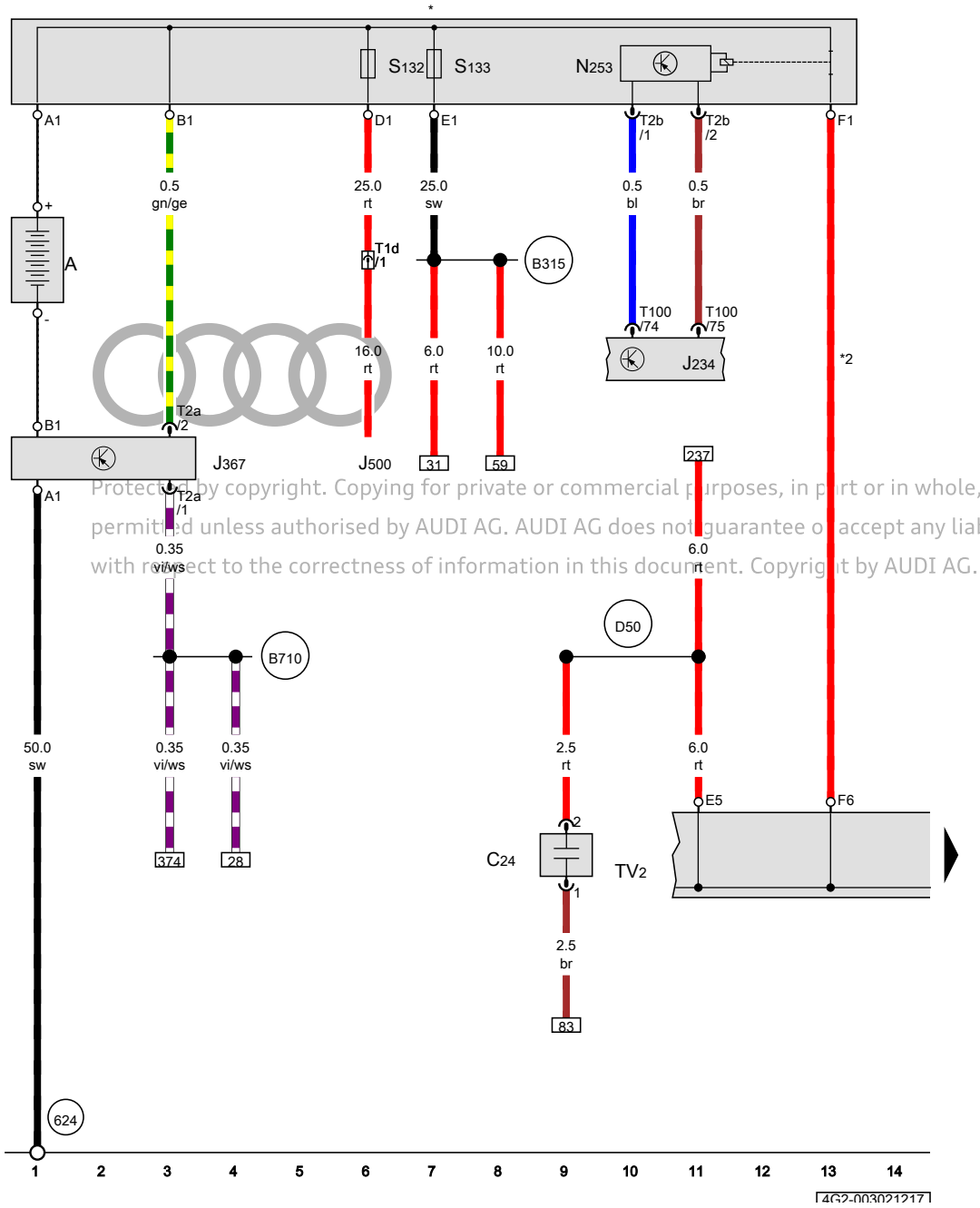
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox
*3	For models with manual gearbox
*4	Data bus wire (CAN bus)

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3.0l petrol engine , CGWB,CGWD,CGXB,CHMA,CTTA,CTUA

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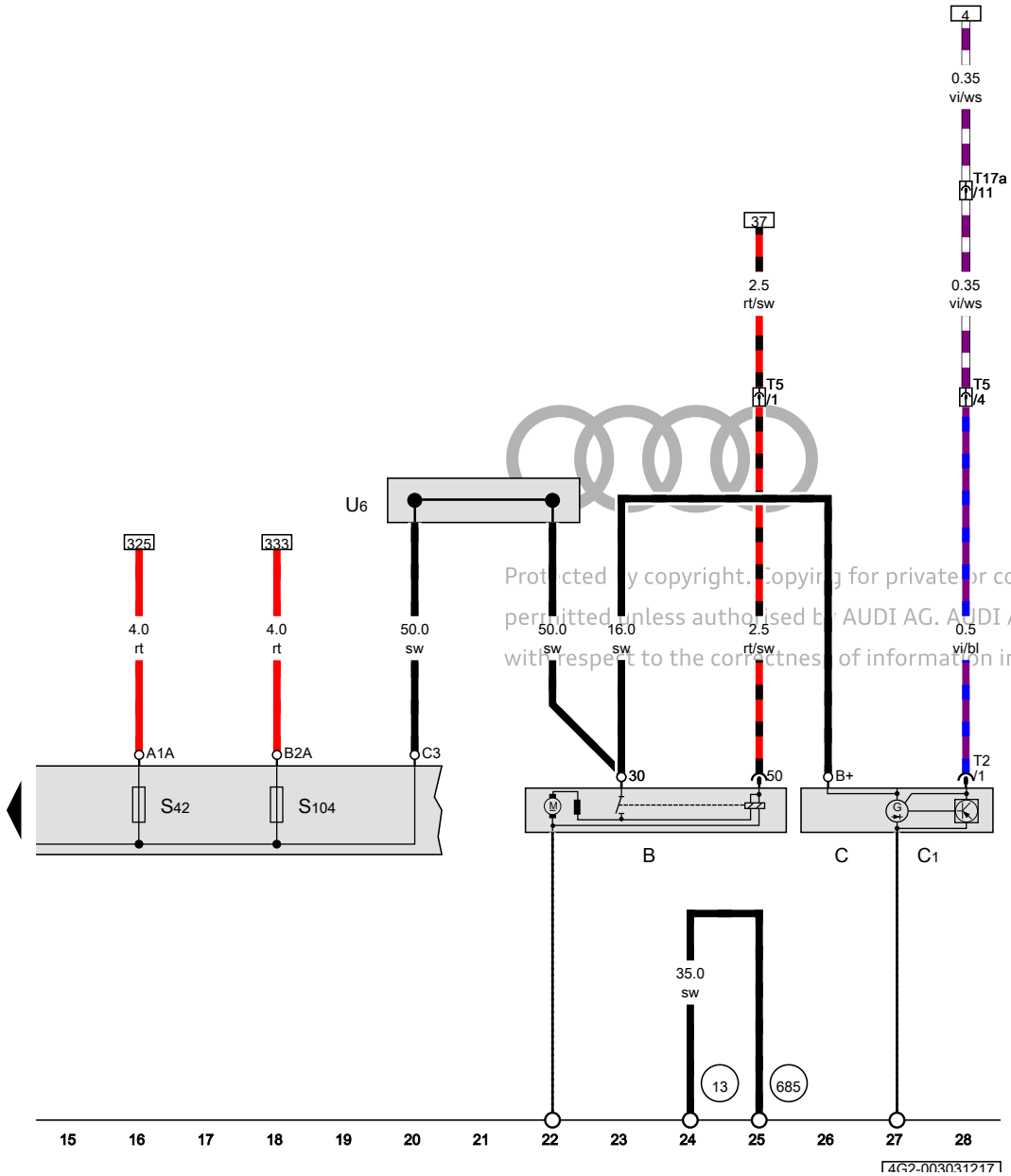
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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor

Starter, Alternator, Radiator fan single fuse, Radiator fan fuse for 2nd speed, Jump start socket

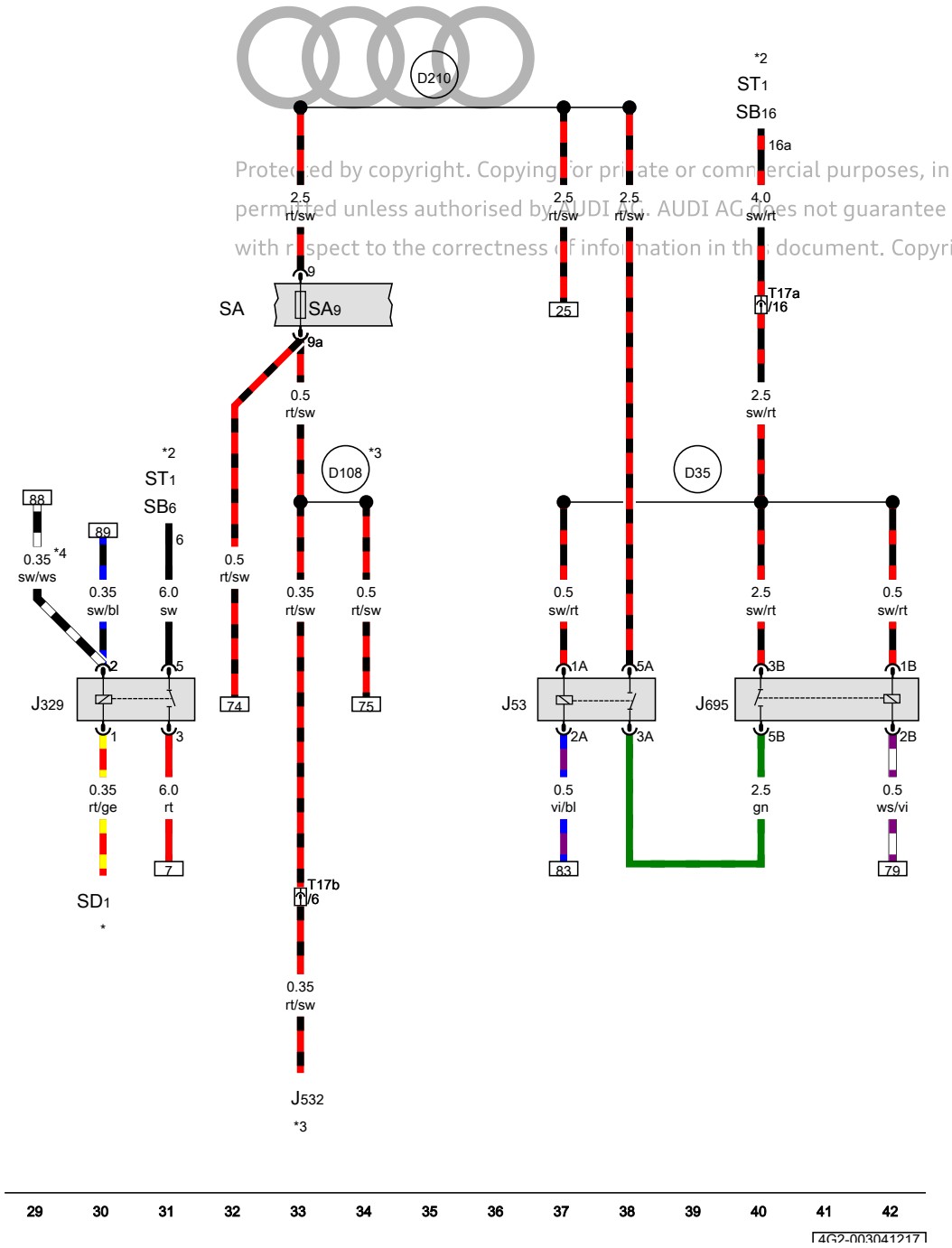
B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member



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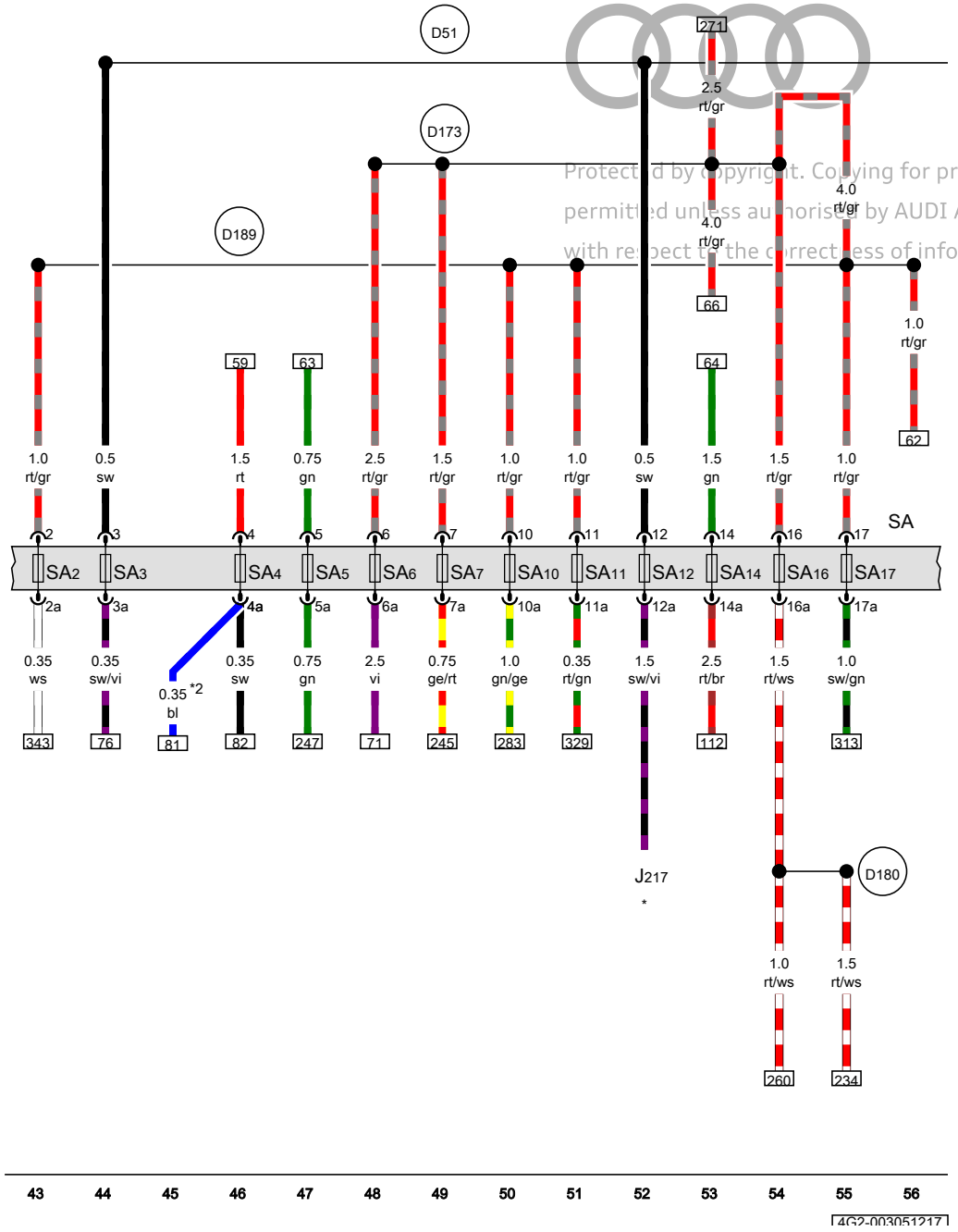
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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J532	Voltage stabiliser
J695	Starter motor relay 2
SA	Fuse holder A
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB6	Fuse 6 on fuse holder B
SA9	Fuse 9 on fuse holder A
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D108	Connection 6 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	For models with start/stop system
*4	For right-hand drive models

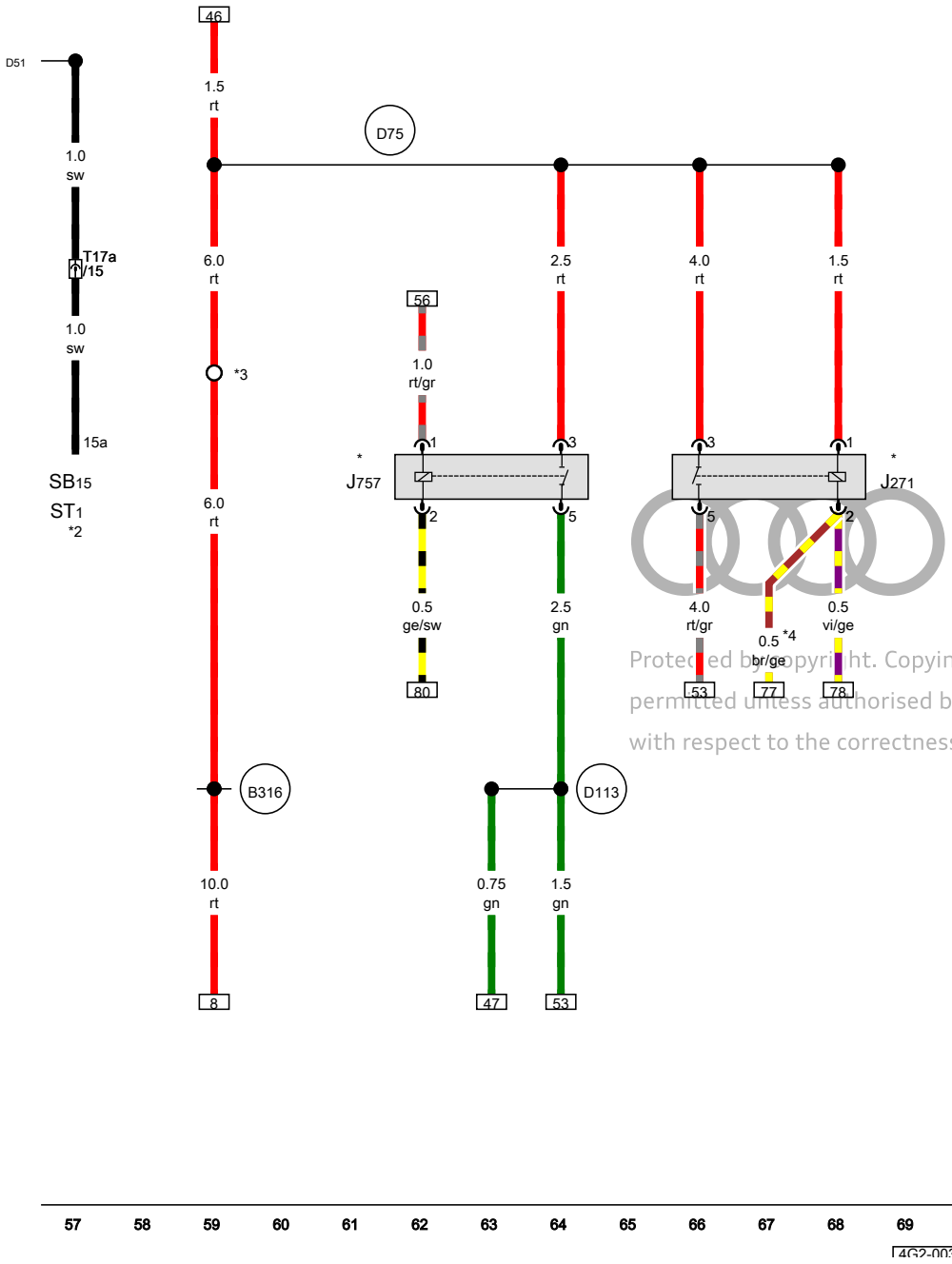


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
D51	Positive connection 1 (15), in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	For models with automatic gearbox
*2	From June 2011

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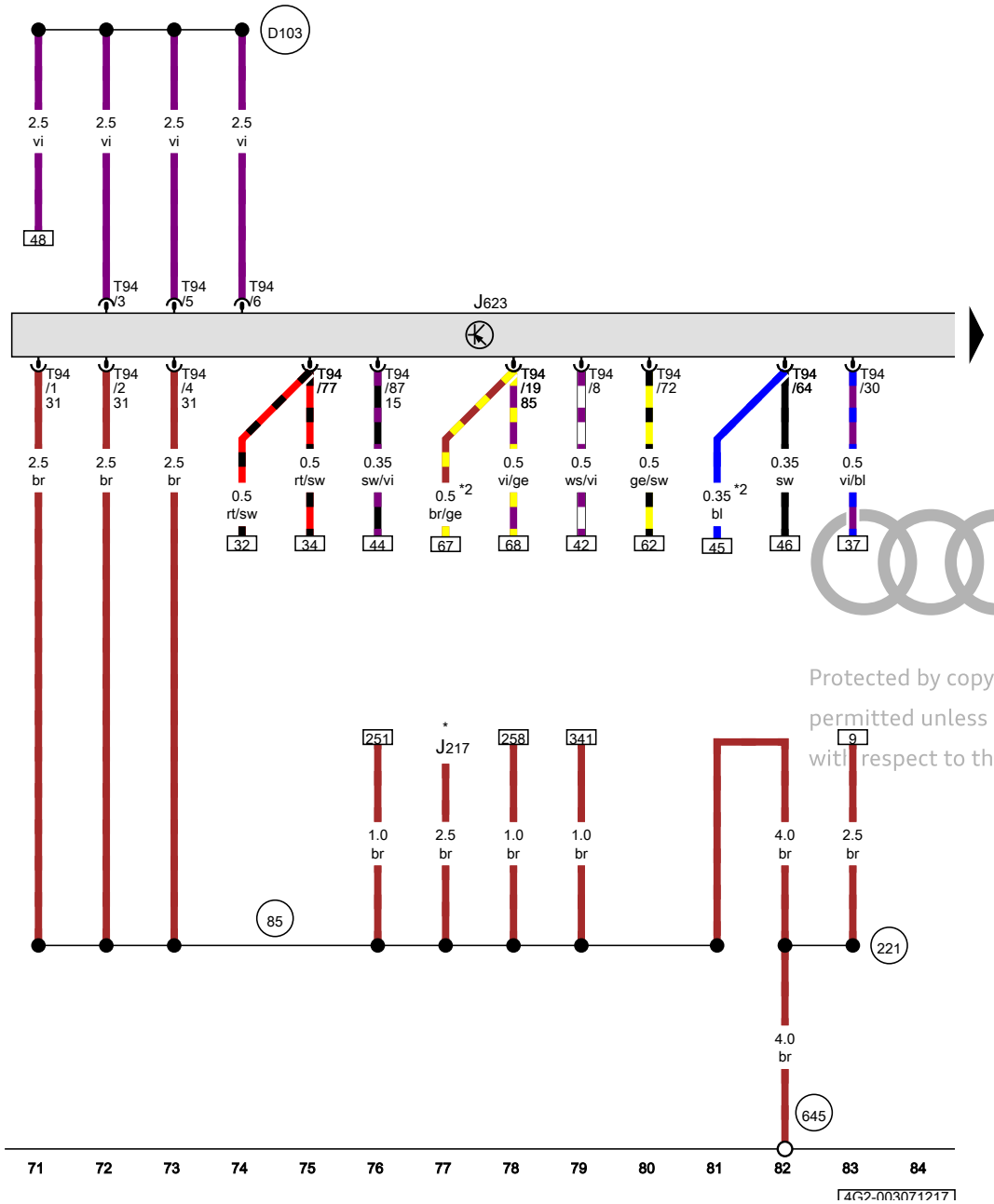


Main relay, Engine component current supply relay

J271	Main relay
J757	Engine component current supply relay
ST1	Fuse carrier 1
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
B316	Positive connection 2 (30a) in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	see applicable current flow diagram for fuse assignment
*3	Threaded connection, in E-box in plenum chamber
*4	From June 2011

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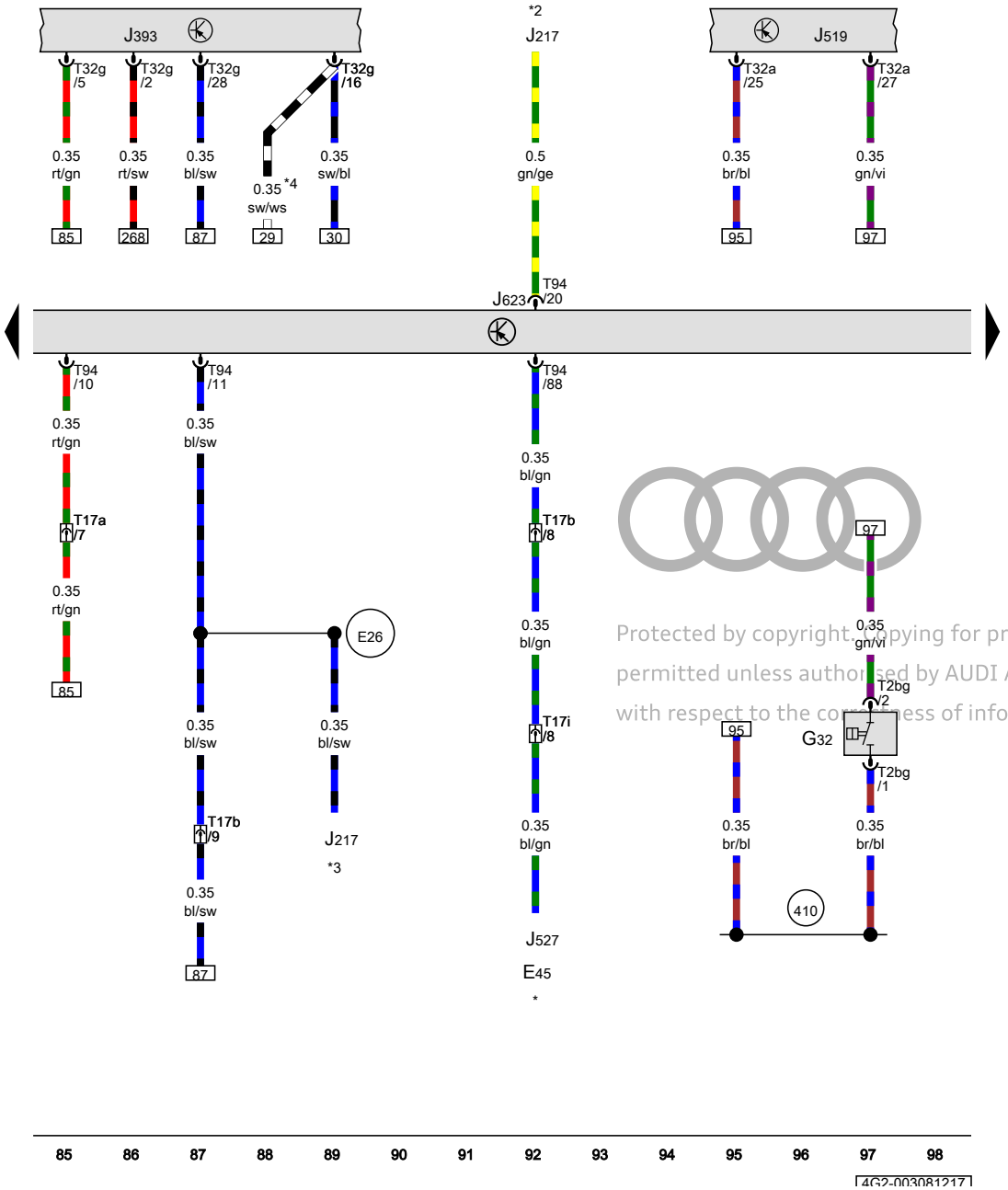
Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for gearbox
*2	From June 2011

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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit



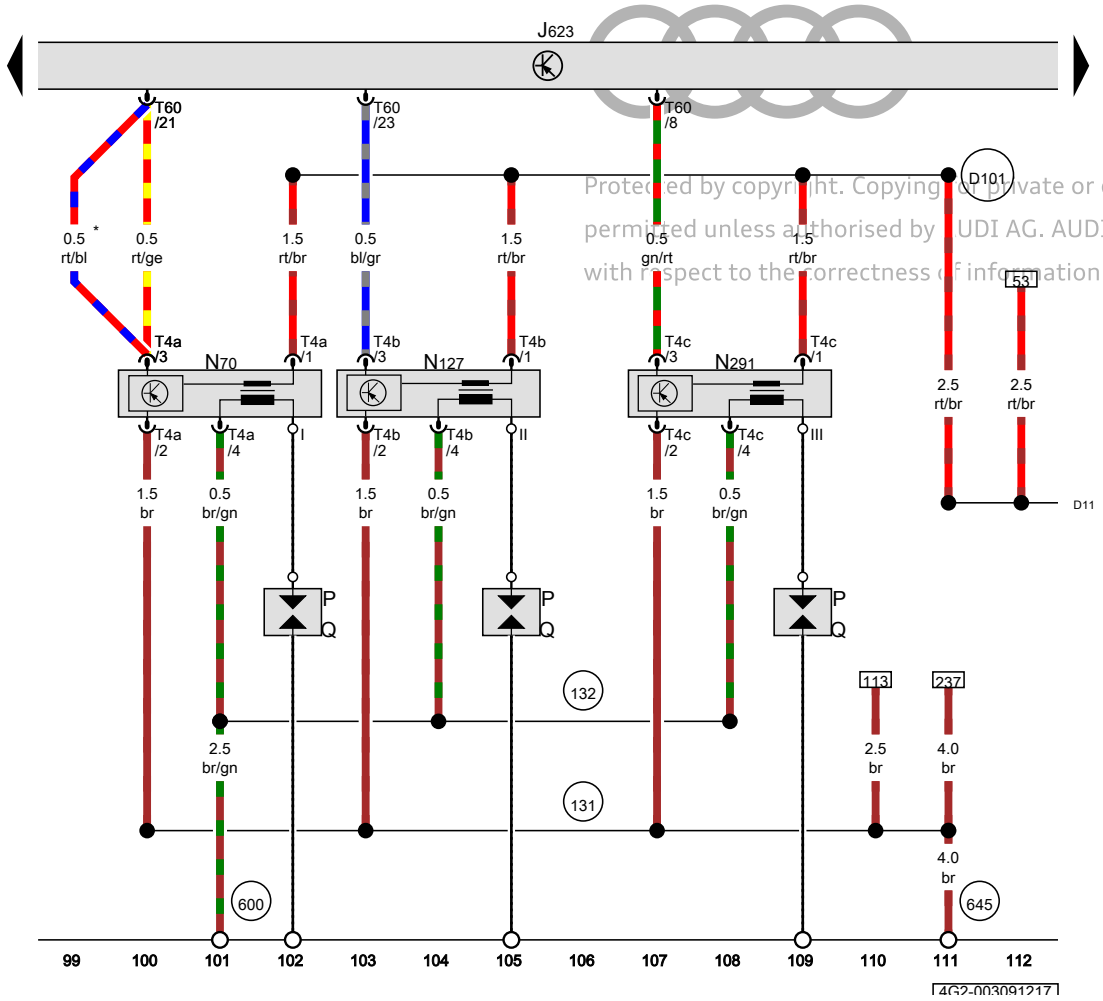
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E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with cruise control system (CCS)
*2	see applicable current flow diagram for gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	For right-hand drive models

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Engine/motor control unit, Ignition coil 1 with output stage, Spark plug connector

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4b	4-pin connector
T4c	4-pin connector
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
600	Earth point, on right cylinder head
645	Earth point 1, on bulkhead
D101	Connection 1 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	From June 2011

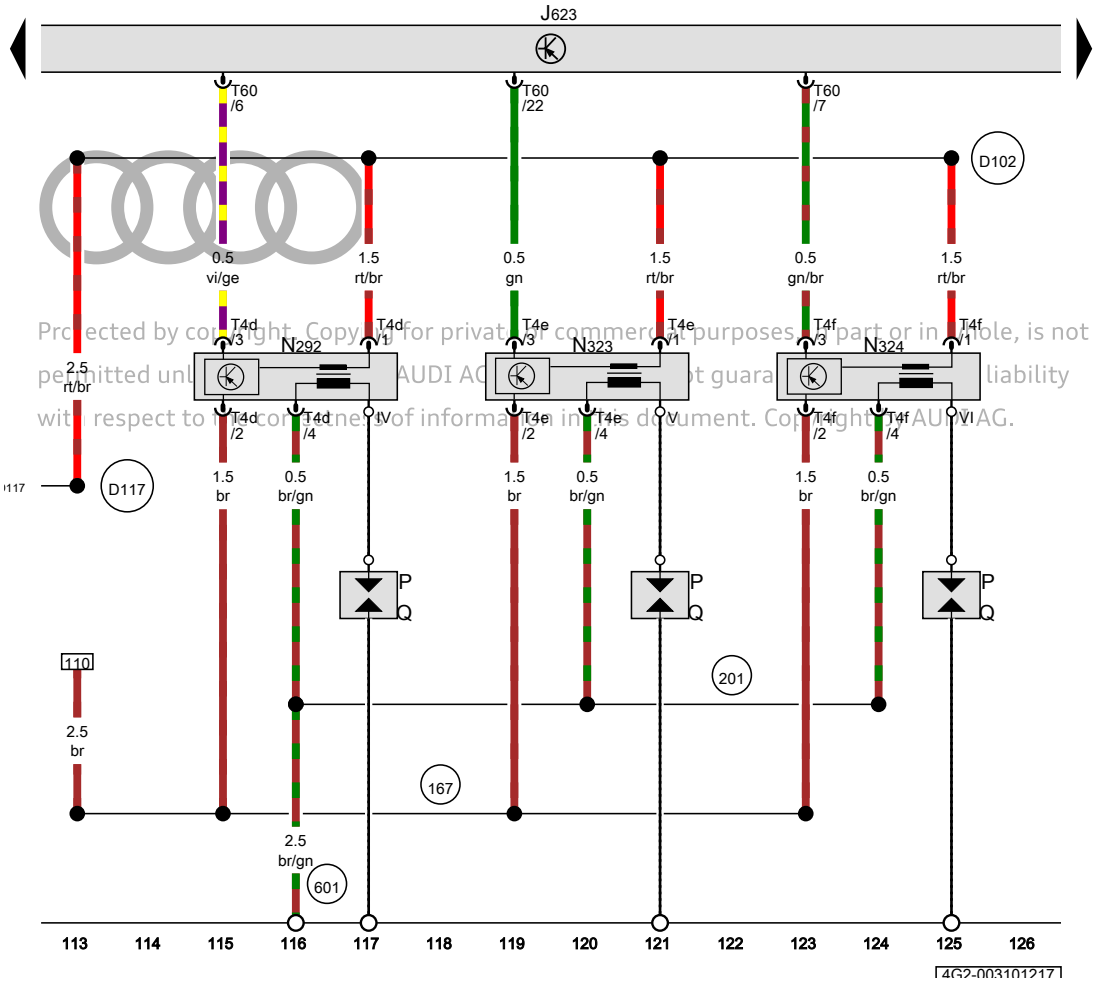


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Engine/motor control unit, Ignition coil 4 with output stage, Spark plug connector

J623	Engine/motor control unit
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
P	Spark plug connector
Q	Spark plugs
T4d	4-pin connector
T4e	4-pin connector
T4f	4-pin connector
T60	60-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
601	Earth point, on left cylinder head
D102	Connection 2 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness

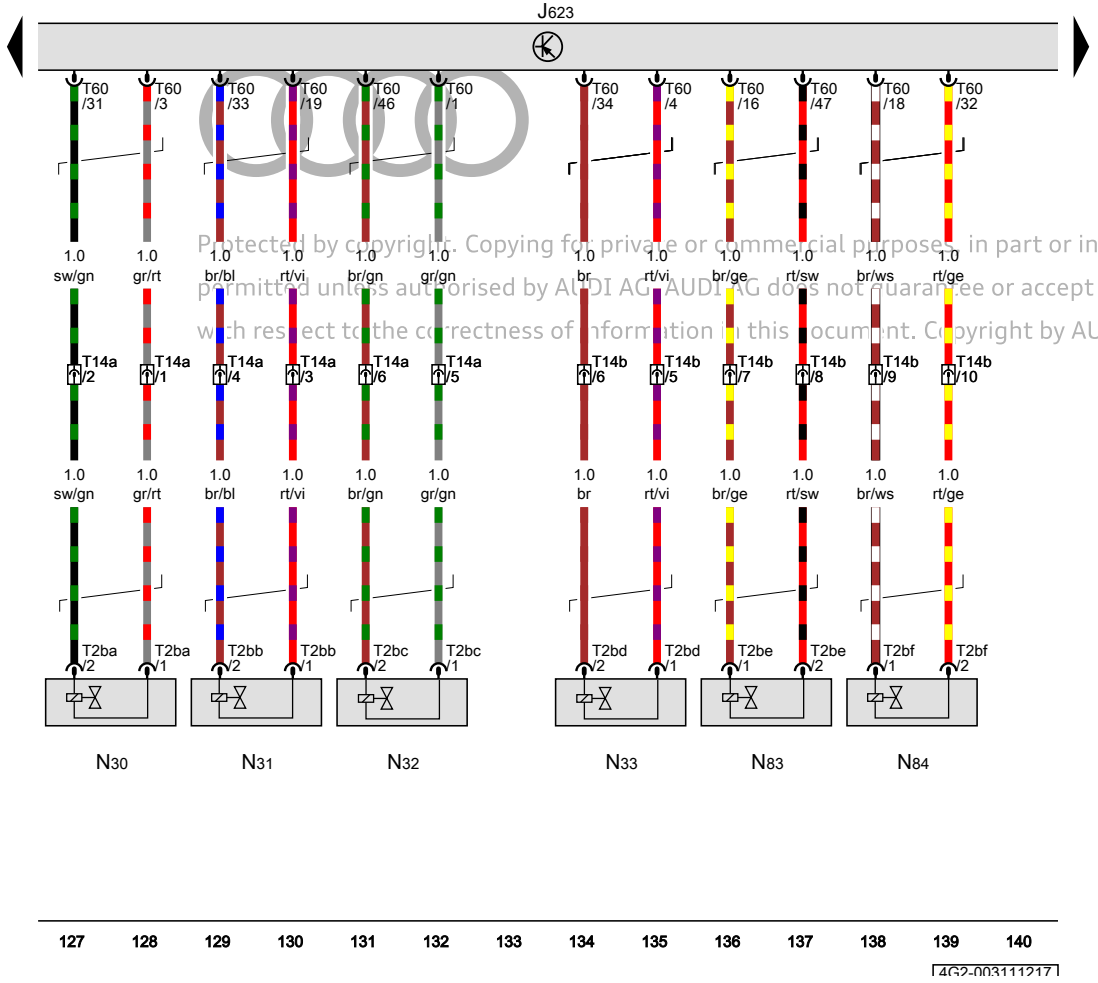


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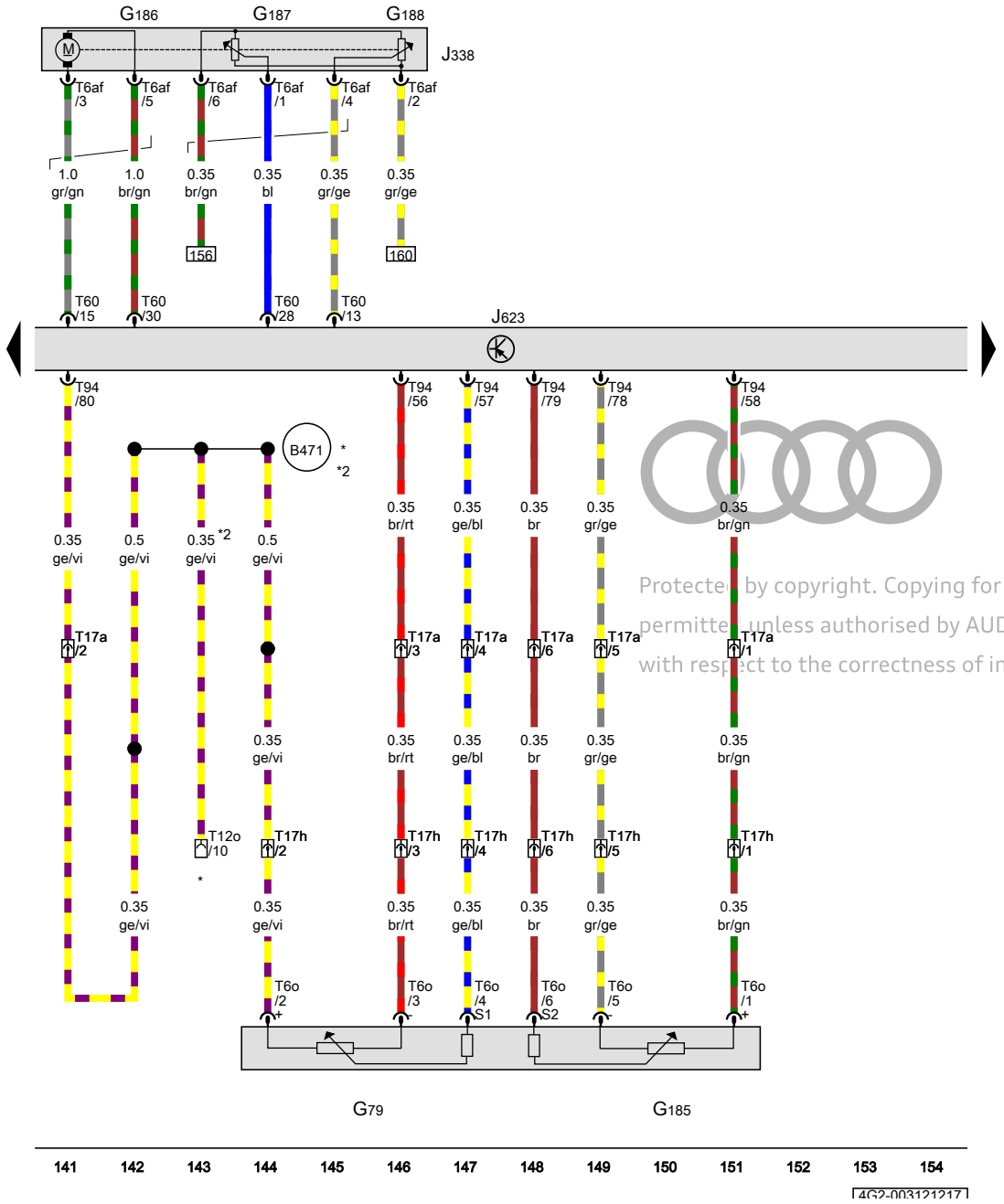
Engine/motor control unit, Injector, cylinder 1

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
T2ba	2-pin connector
T2bb	2-pin connector
T2bc	2-pin connector
T2bd	2-pin connector
T2be	2-pin connector
T2bf	2-pin connector
T14a	14-pin connector, on right in engine compartment
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector



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Accelerator position sender, Throttle valve module, Engine/ motor control unit

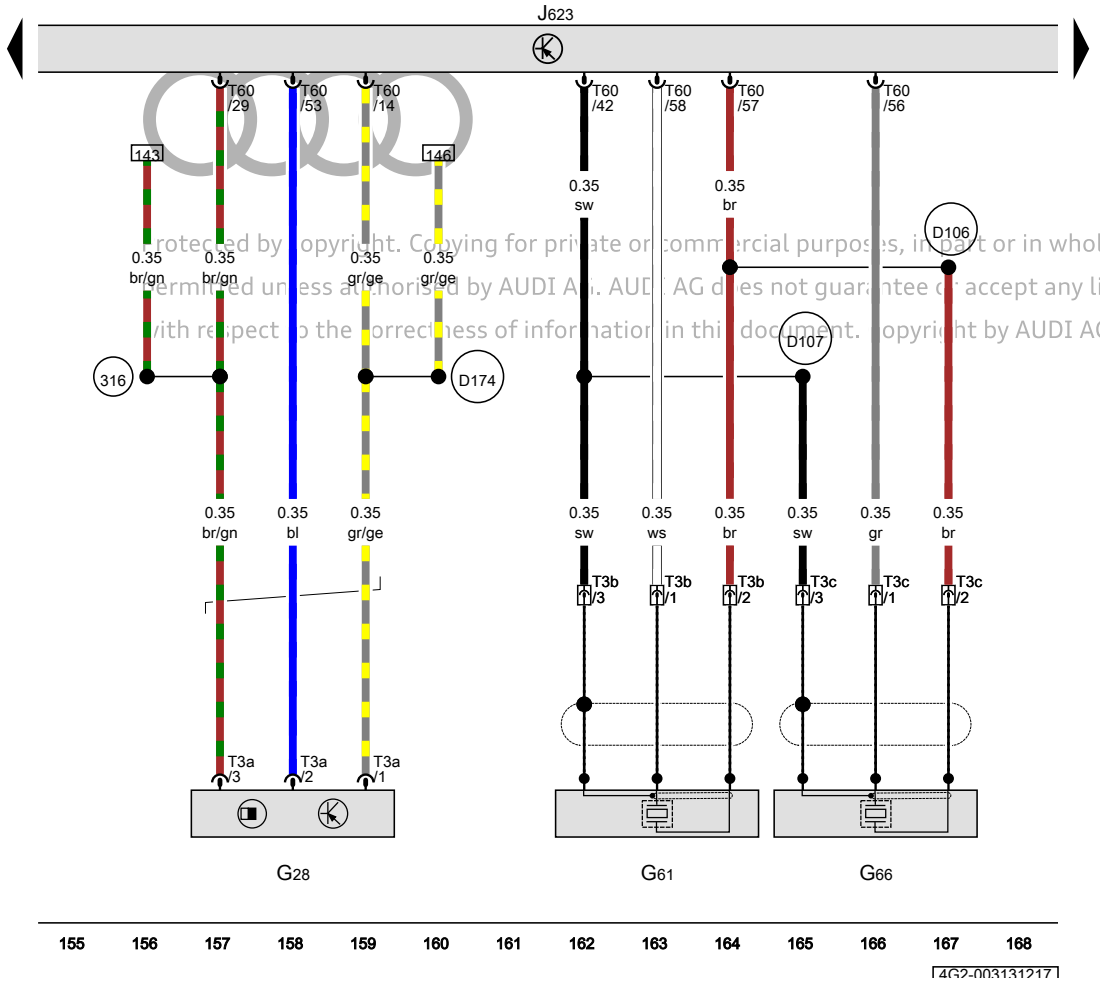
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T6af	6-pin connector
T6o	6-pin connector
T12o	12-pin connector, on right in luggage compartment
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T60	60-pin connector
T94	94-pin connector
B471	Connection 7, in main wiring harness
*	For models with interface for special functions
*2	Up to May 2011

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or	=	orange
rs	=	pink

Engine speed sender, Knock sensor 1, Knock sensor 2, Engine/motor control unit

G28	Engine speed sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit
T3a	3-pin connector
T3b	3-pin connector, on knock sensor 1
T3c	3-pin connector, on knock sensor 2
T60	60-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

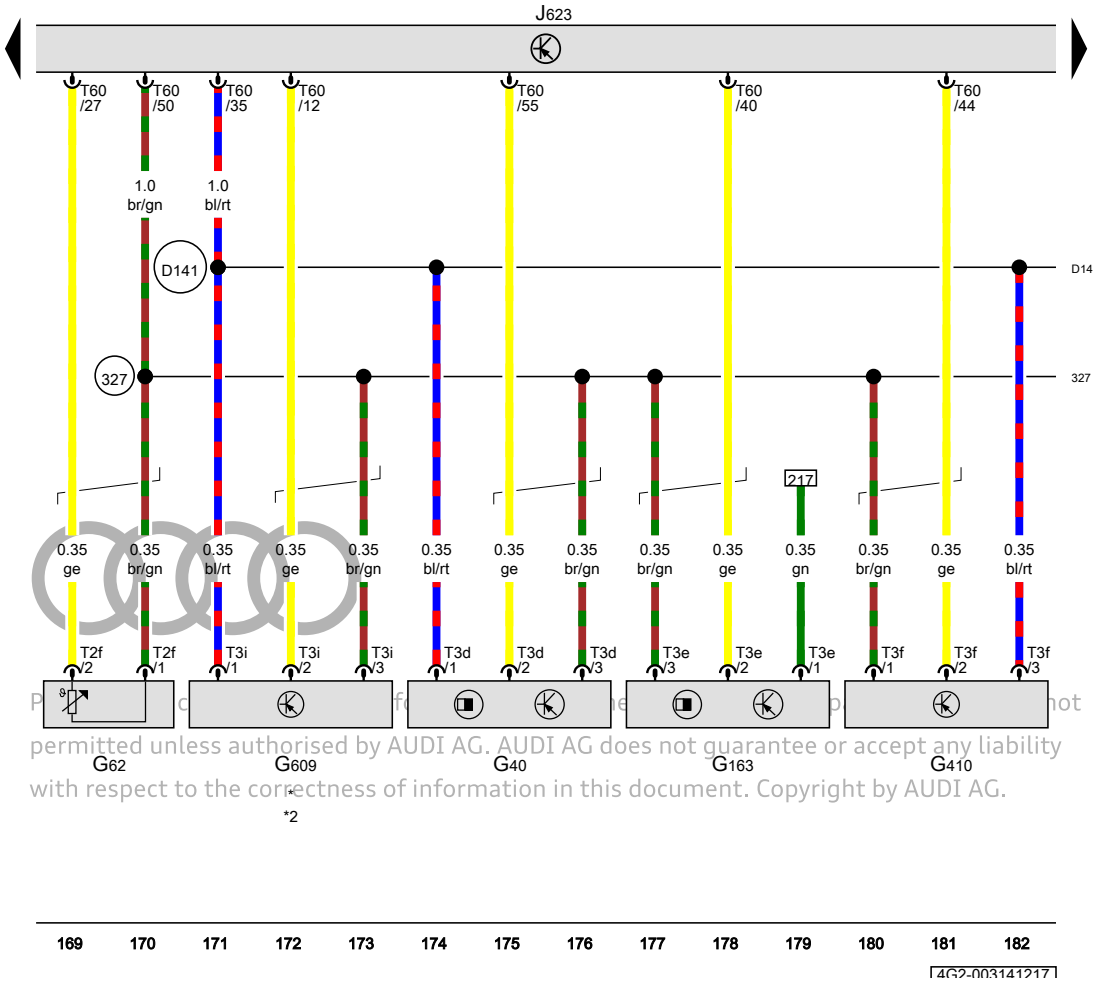


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Hall sender, Coolant temperature sender, Fuel pressure sender for low pressure, Sender 1 for secondary air pressure, Engine/motor control unit

G40	Hall sender
G62	Coolant temperature sender
G163	Hall sender 2
G410	Fuel pressure sender for low pressure
G609	Sender 1 for secondary air pressure
J623	Engine/motor control unit
T2f	2-pin connector
T3d	3-pin connector
T3e	3-pin connector
T3f	3-pin connector
T3i	3-pin connector
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	For American markets
*2	Gradually discontinued

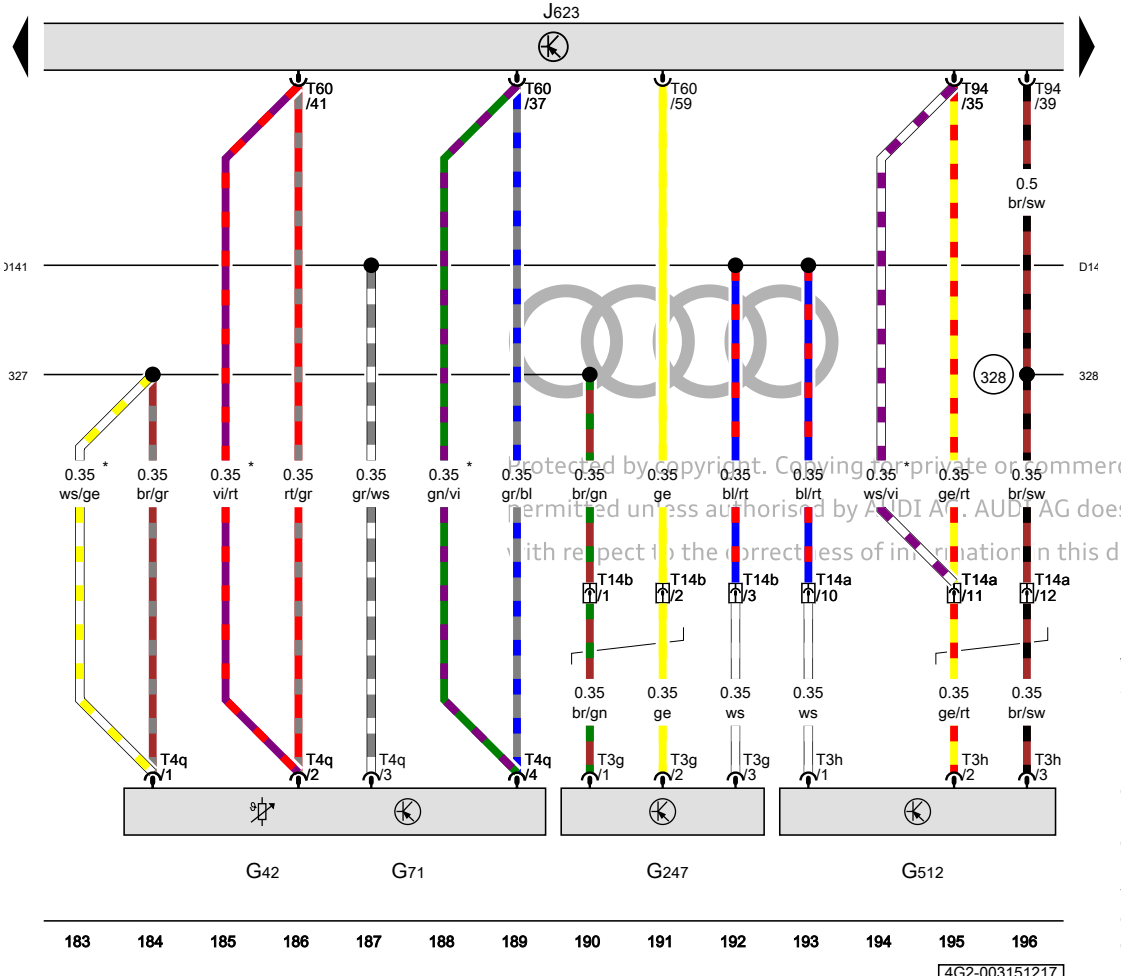


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Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake manifold flap potentiometer 2, Engine/motor control unit

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G512	Intake manifold flap potentiometer 2
J623	Engine/motor control unit
T3g	3-pin connector
T3h	3-pin connector
T4q	4-pin connector
T14a	14-pin connector, on right in engine compartment
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	gradual introduction

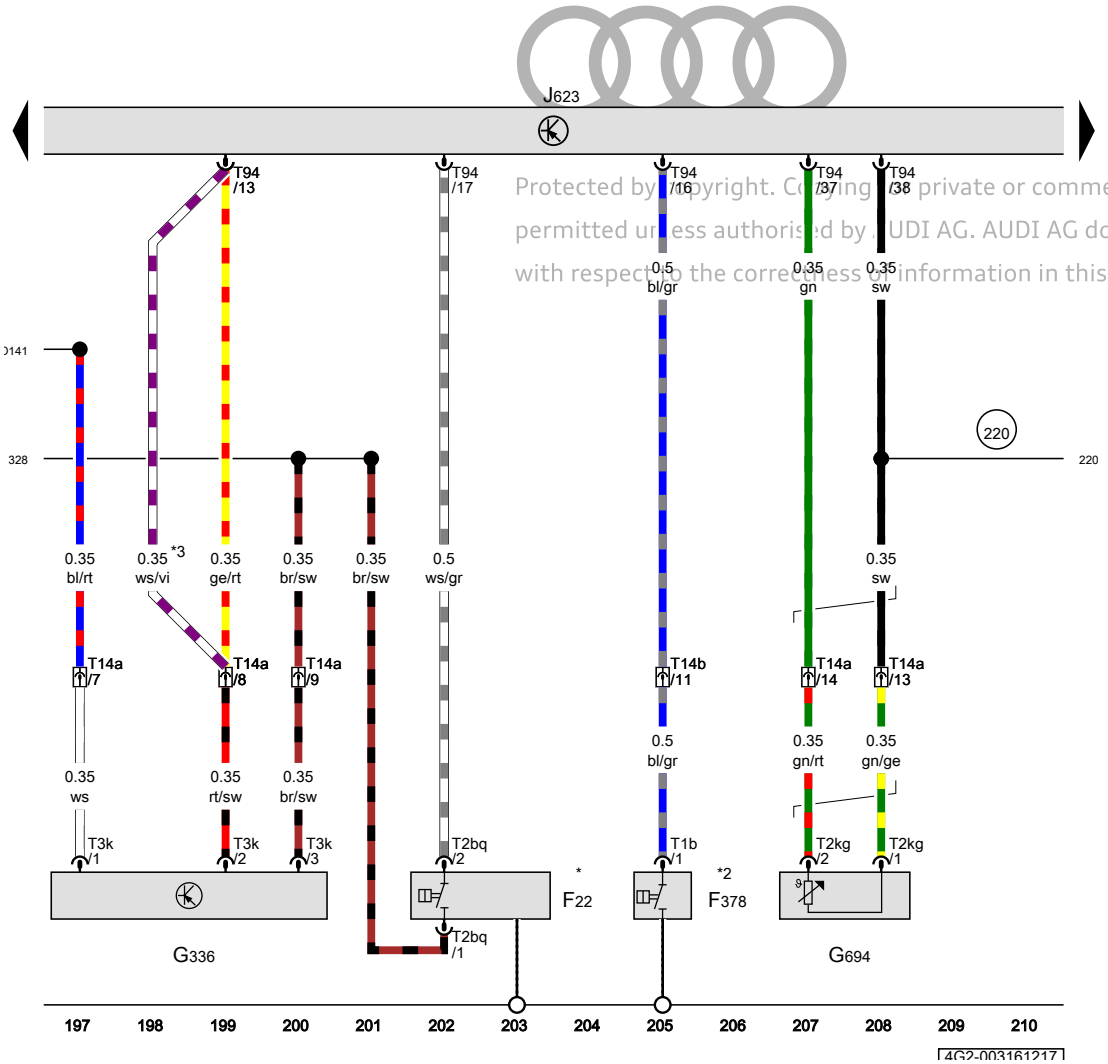


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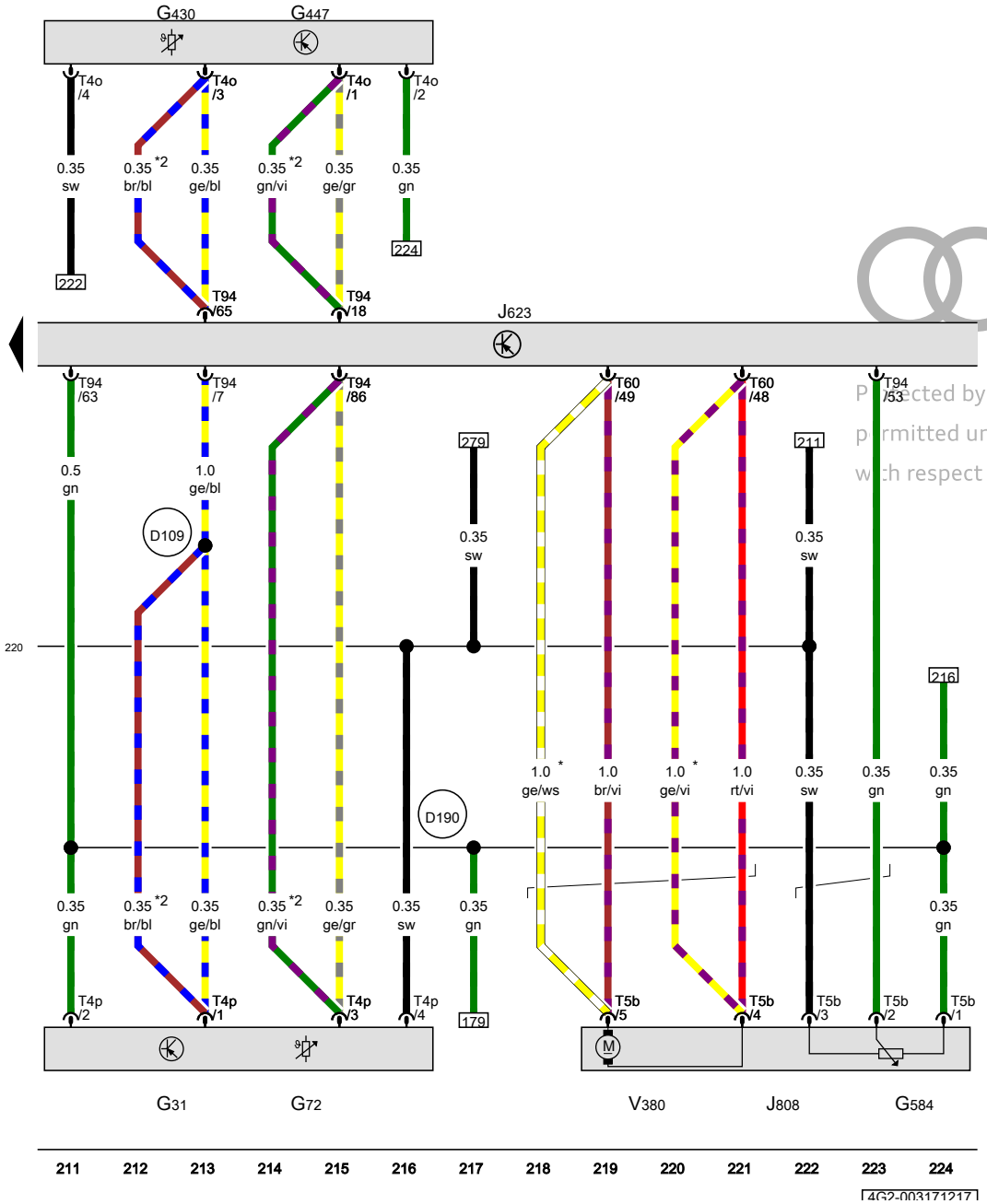
Oil pressure switch, Oil pressure switch for reduced oil pressure, Intake manifold flap potentiometer, Temperature sender for engine temperature regulation, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G336	Intake manifold flap potentiometer
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit
T1b	1-pin connector
T2bq	2-pin connector
T2kg	2-pin connector
T3k	3-pin connector
T14a	14-pin connector, on right in engine compartment
T14b	14-pin connector, on left in engine compartment
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	2.6 bar
*2	0.9 bar
*3	gradual introduction



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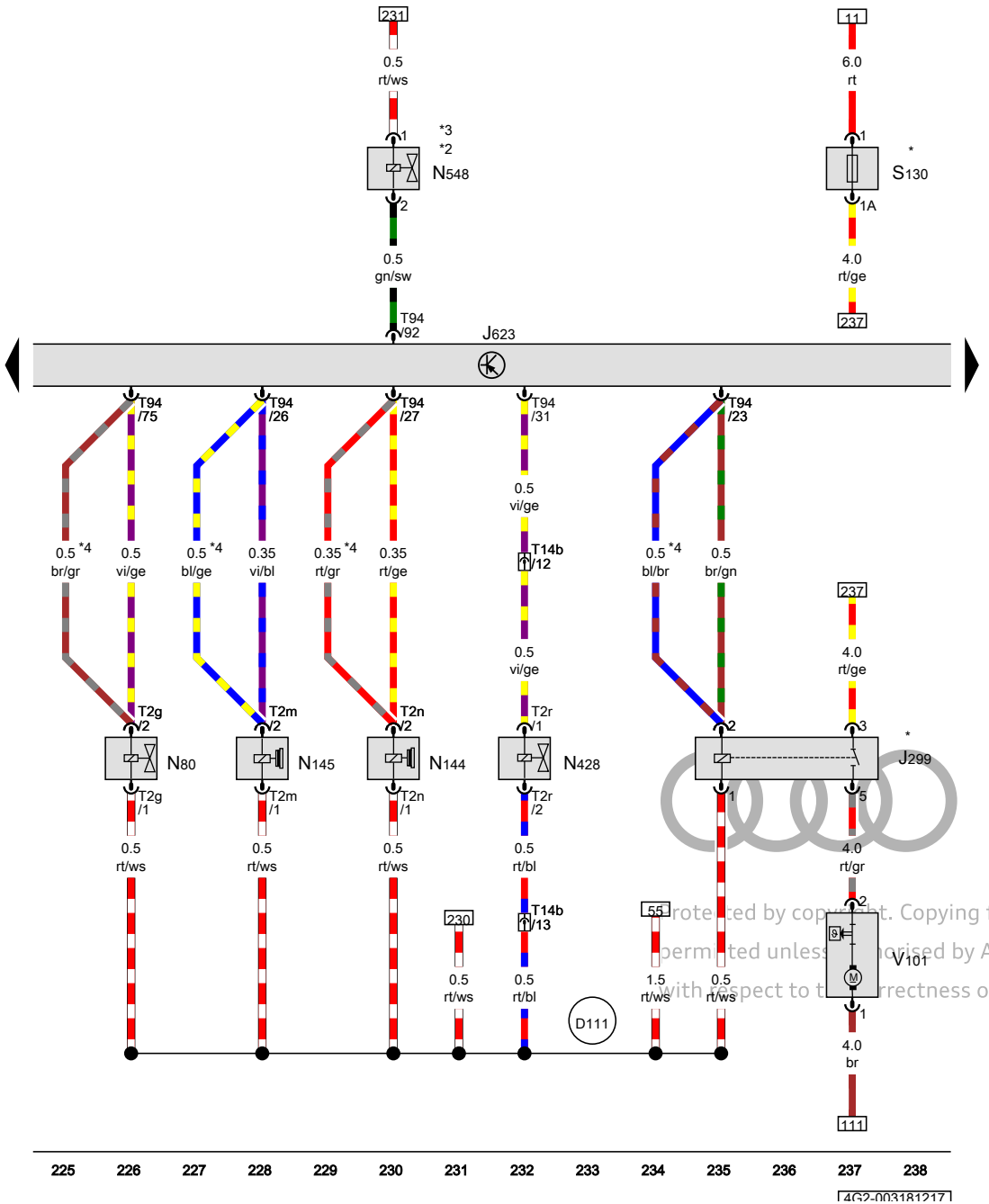


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Charge pressure sender, Intake manifold temperature sender, Engine/motor control unit, Regulating flap control unit

G31	Charge pressure sender
G72	Intake manifold temperature sender
G430	Intake manifold temperature sender 2
G447	Charge pressure sender 2
G584	Regulating flap potentiometer
J623	Engine/motor control unit
J808	Regulating flap control unit
T4o	4-pin connector
T4p	4-pin connector
T5b	5-pin connector
T60	60-pin connector
T94	94-pin connector
V380	Regulating flap position control motor
220	Earth connection (sender earth), in engine wiring harness
D109	Connection 7 in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	From June 2011
*2	gradual introduction



Secondary air pump relay, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control, Crankcase breather shut-off valve, Secondary air pump motor

J299	Secondary air pump relay
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N548	Crankcase breather shut-off valve
S130	Secondary air pump fuse
T2g	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T2r	2-pin connector
T14b	14-pin connector, on left in engine compartment
T94	94-pin connector
V101	Secondary air pump motor
D111	Connection 9 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	From June 2012
*3	For American markets
*4	From June 2011

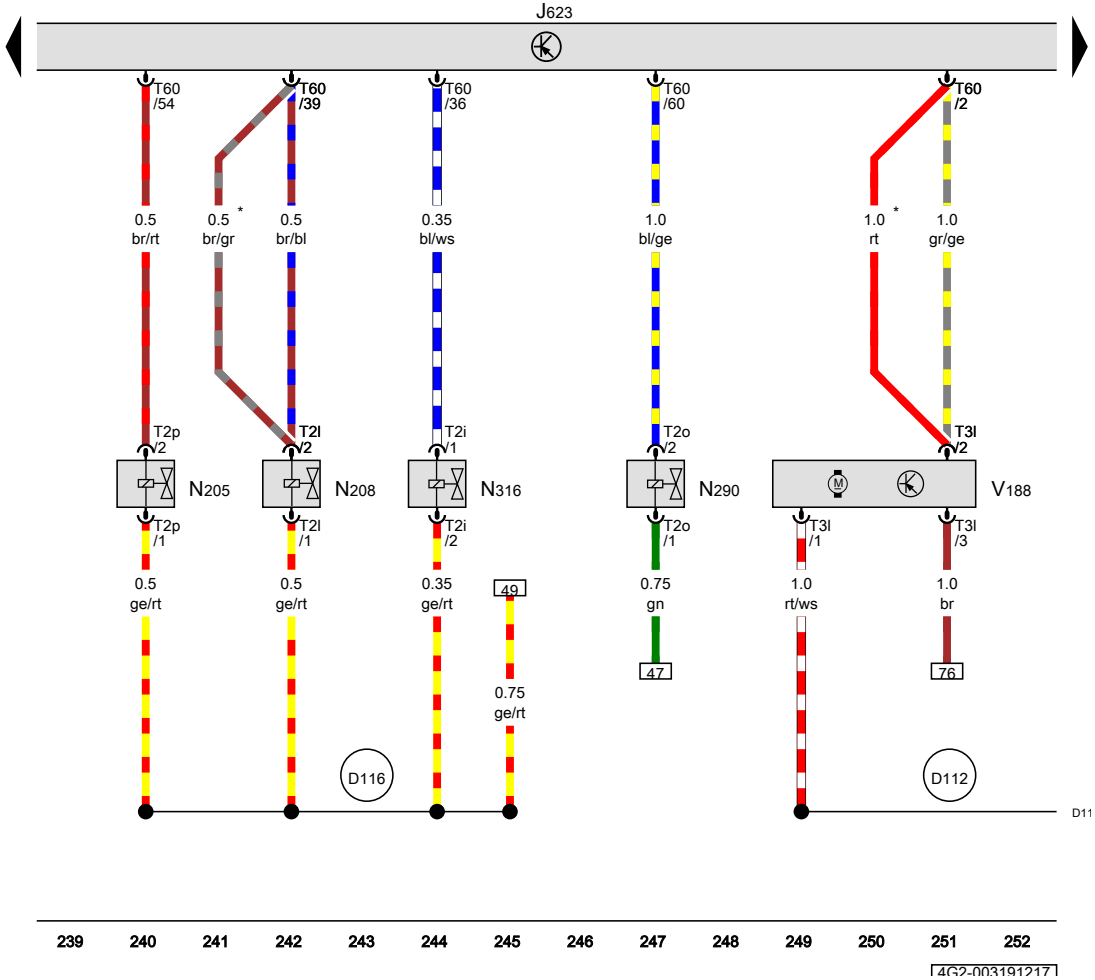
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Engine/motor control unit, Camshaft control valve 1, Fuel metering valve, Intake manifold flap valve, Charge air cooling pump

J623	Engine/motor control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N316	Intake manifold flap valve
T2i	2-pin connector
T2l	2-pin connector
T2o	2-pin connector
T2p	2-pin connector
T3l	3-pin connector
T60	60-pin connector
V188	Charge air cooling pump
D112	Connection 10 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
*	From June 2011

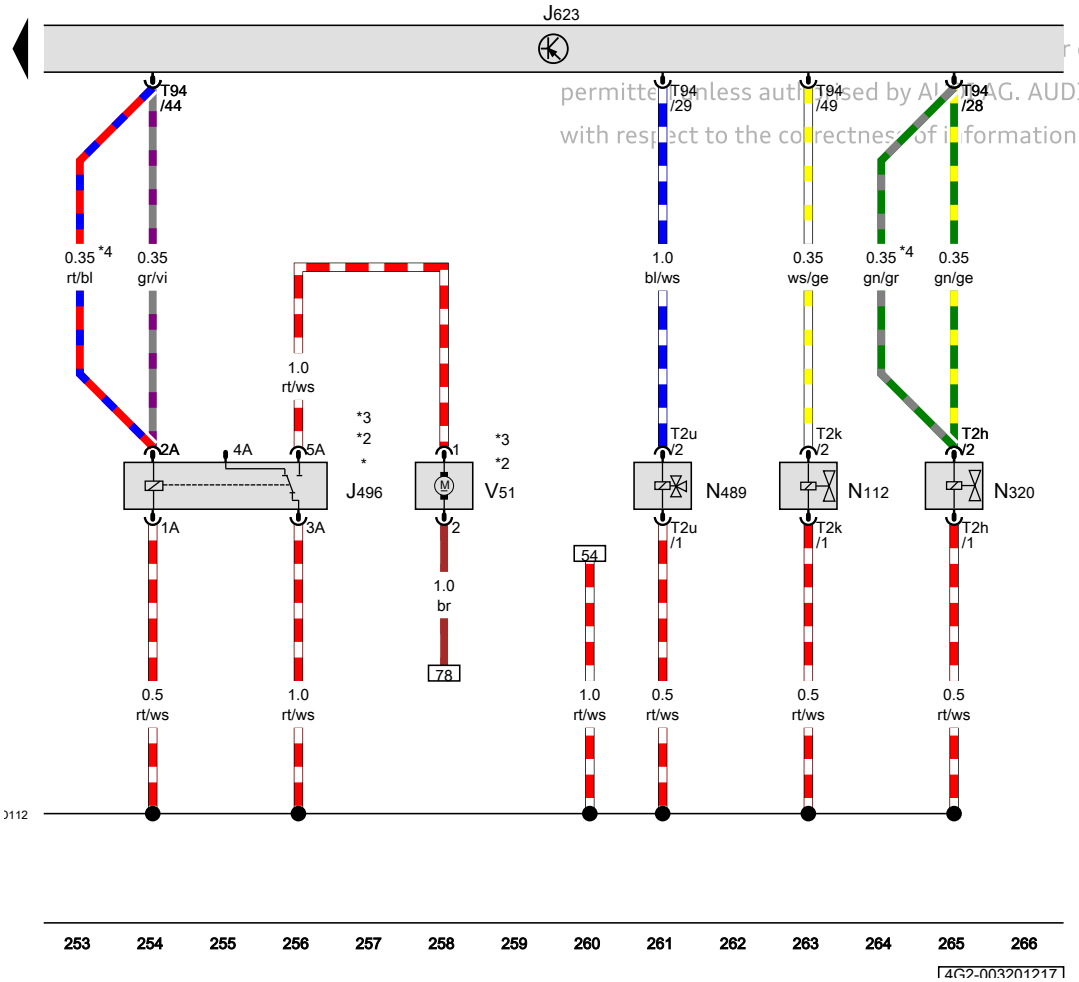


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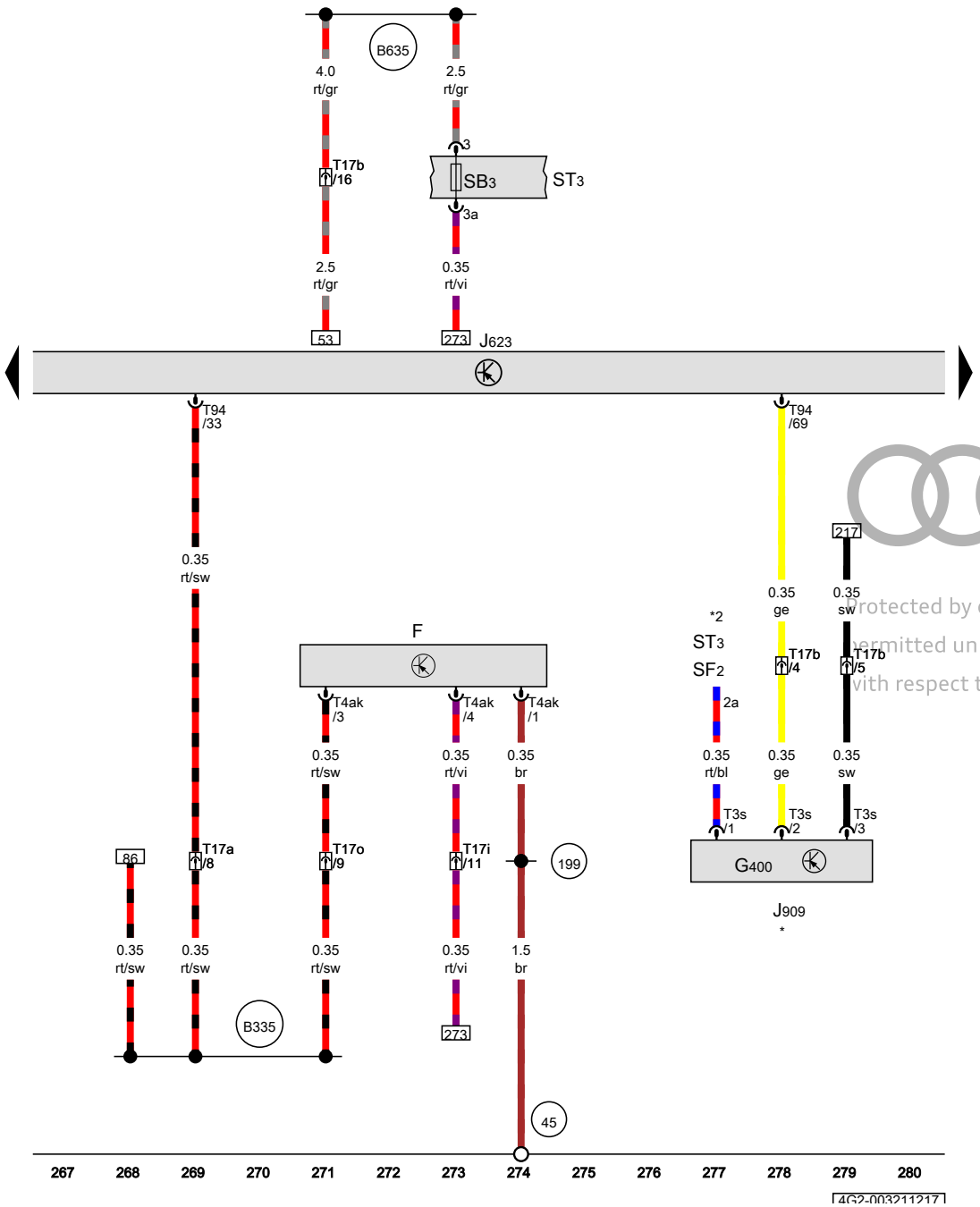
Additional coolant pump relay, Engine/motor control unit, Secondary air inlet valve, Coolant valve for cylinder head

J496	Additional coolant pump relay
J623	Engine/motor control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N489	Coolant valve for cylinder head
T2h	2-pin connector
T2k	2-pin connector
T2u	2-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
D112	Connection 10 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	For countries with hot climate
*3	Gradually discontinued
*4	From June 2011

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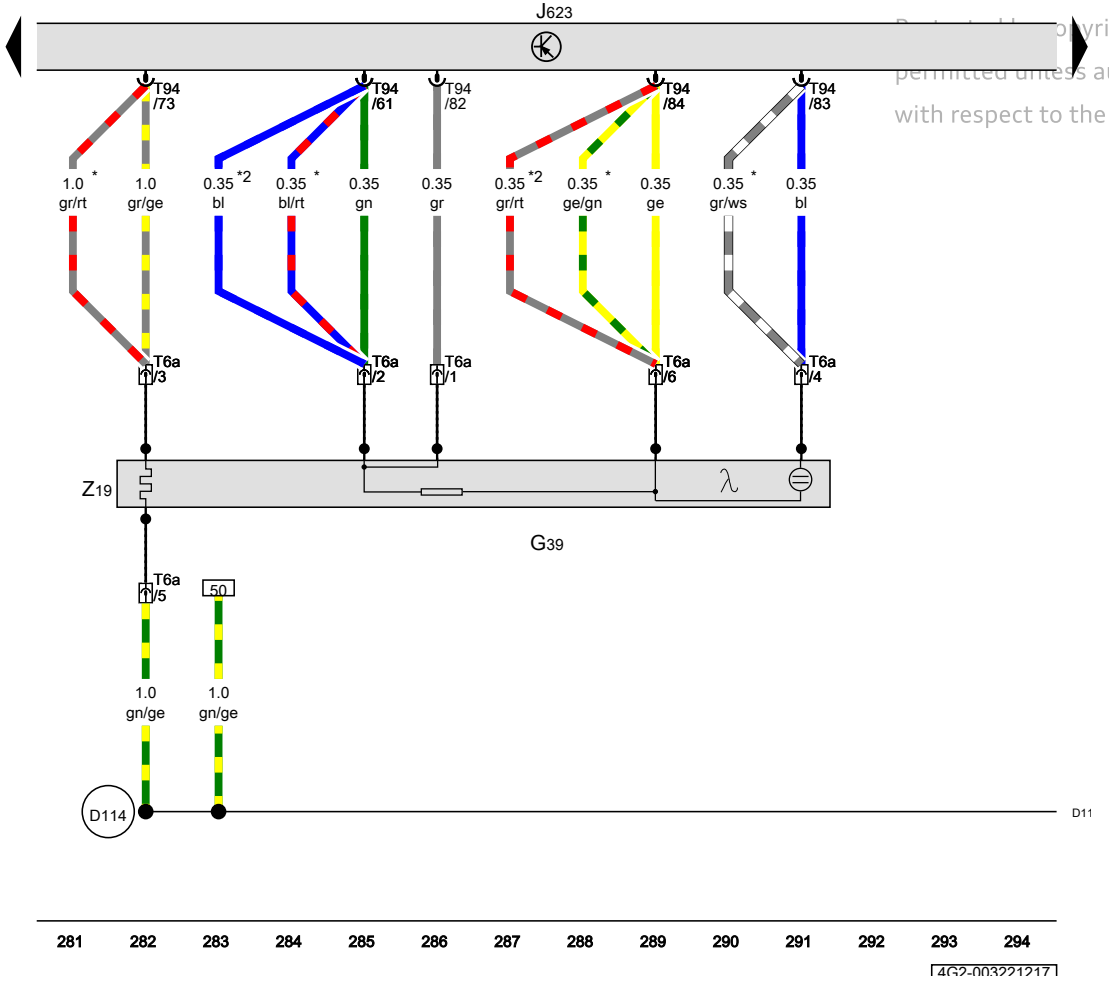
Brake light switch, Engine/motor control unit, Control unit for fuel tank leak detection

F	Brake light switch
G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
SF2	Fuse 2 in fuse holder F
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
T3s	3-pin connector
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
*	For models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment

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Lambda probe, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
J623	Engine/motor control unit
T6a	6-pin connector, on Lambda probe before catalytic converter
T94	94-pin connector
Z19	Lambda probe heater
D114	Connection 12 in engine compartment wiring harness
*	From June 2011
*2	gradual introduction

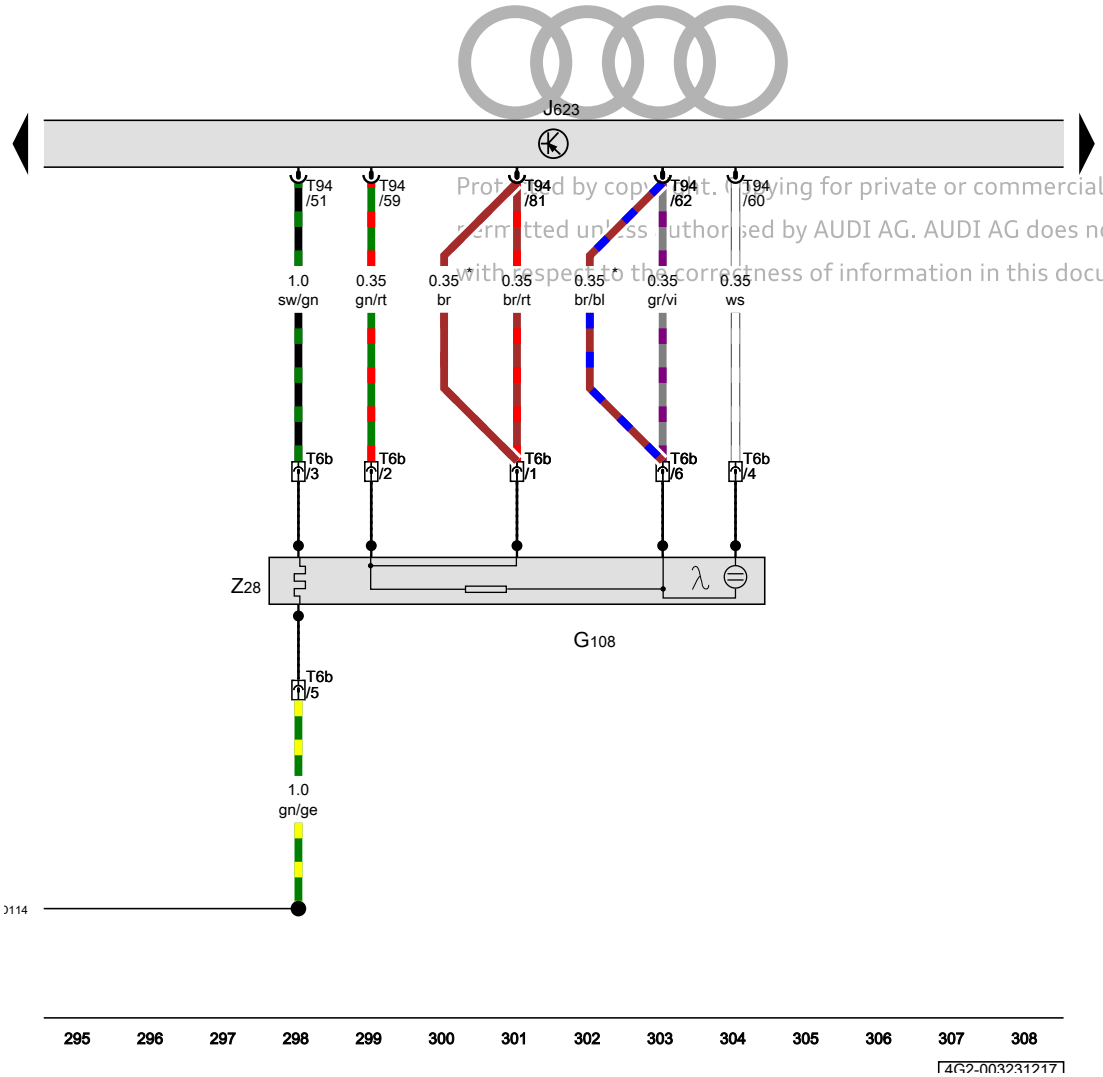


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Lambda probe 2, Engine/motor control unit, Lambda probe heater 2

G108	Lambda probe 2
J623	Engine/motor control unit
T6b	6-pin connector, on Lambda probe before catalytic converter
T94	94-pin connector
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness
*	gradual introduction



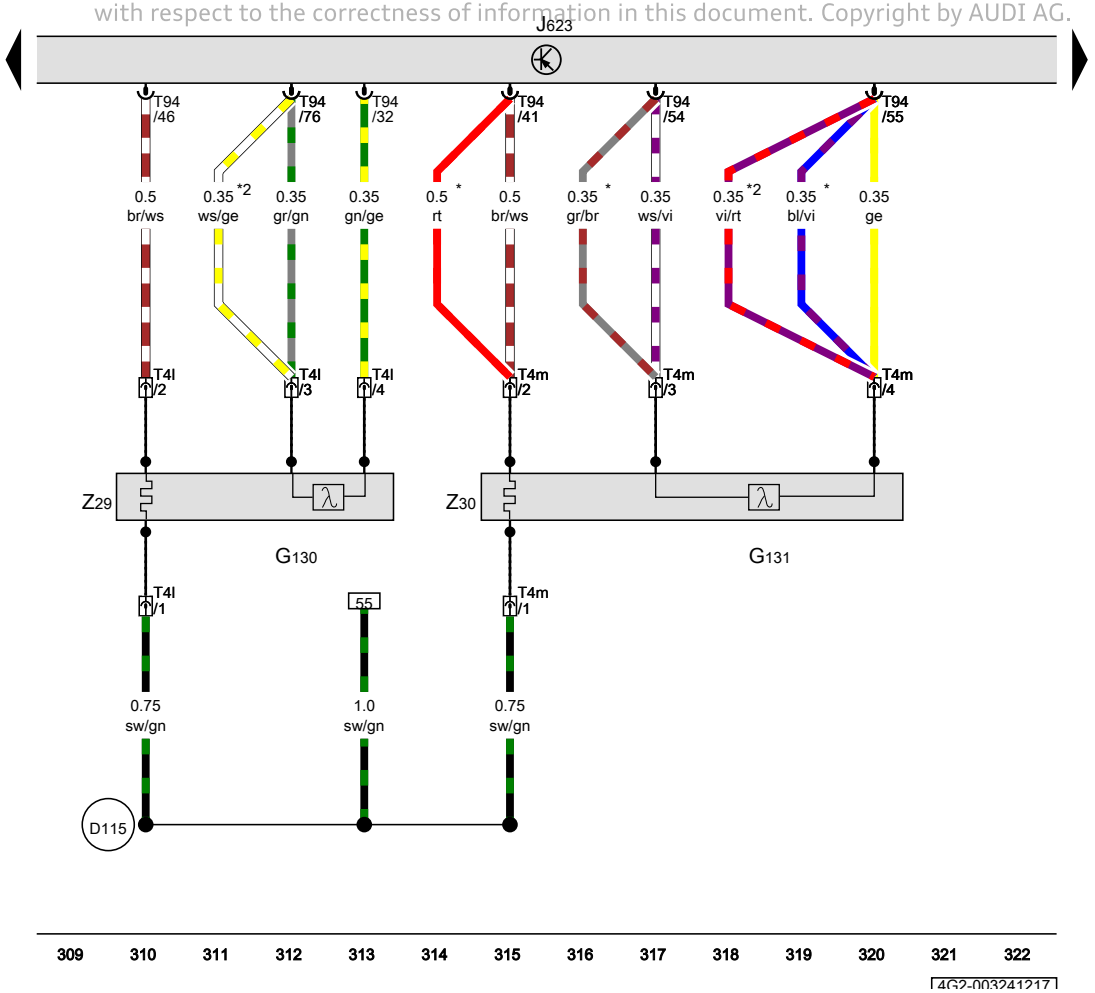
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Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, on Lambda probe after catalytic converter
T4m	4-pin connector, on Lambda probe after catalytic converter
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D115	Connection 13 in engine compartment wiring harness
*	From June 2011
*2	gradual introduction

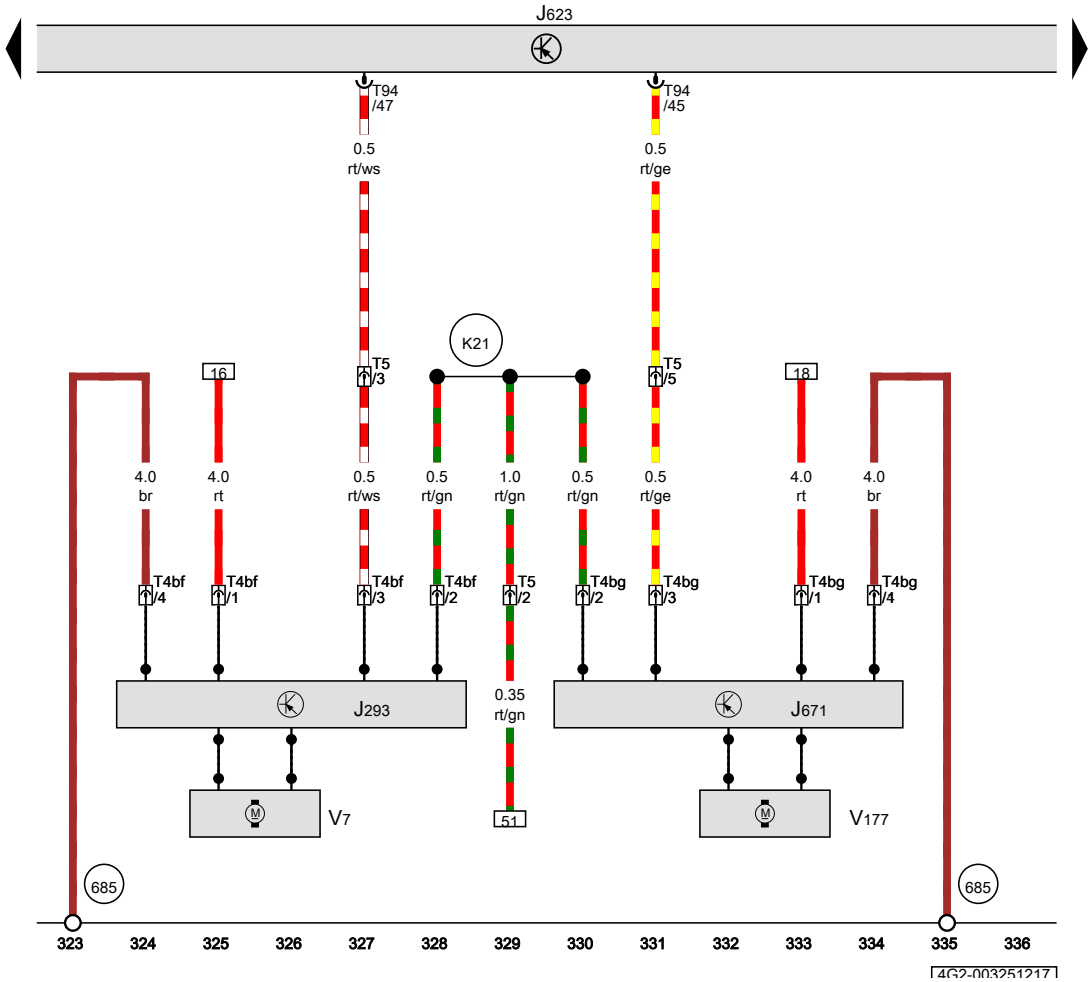


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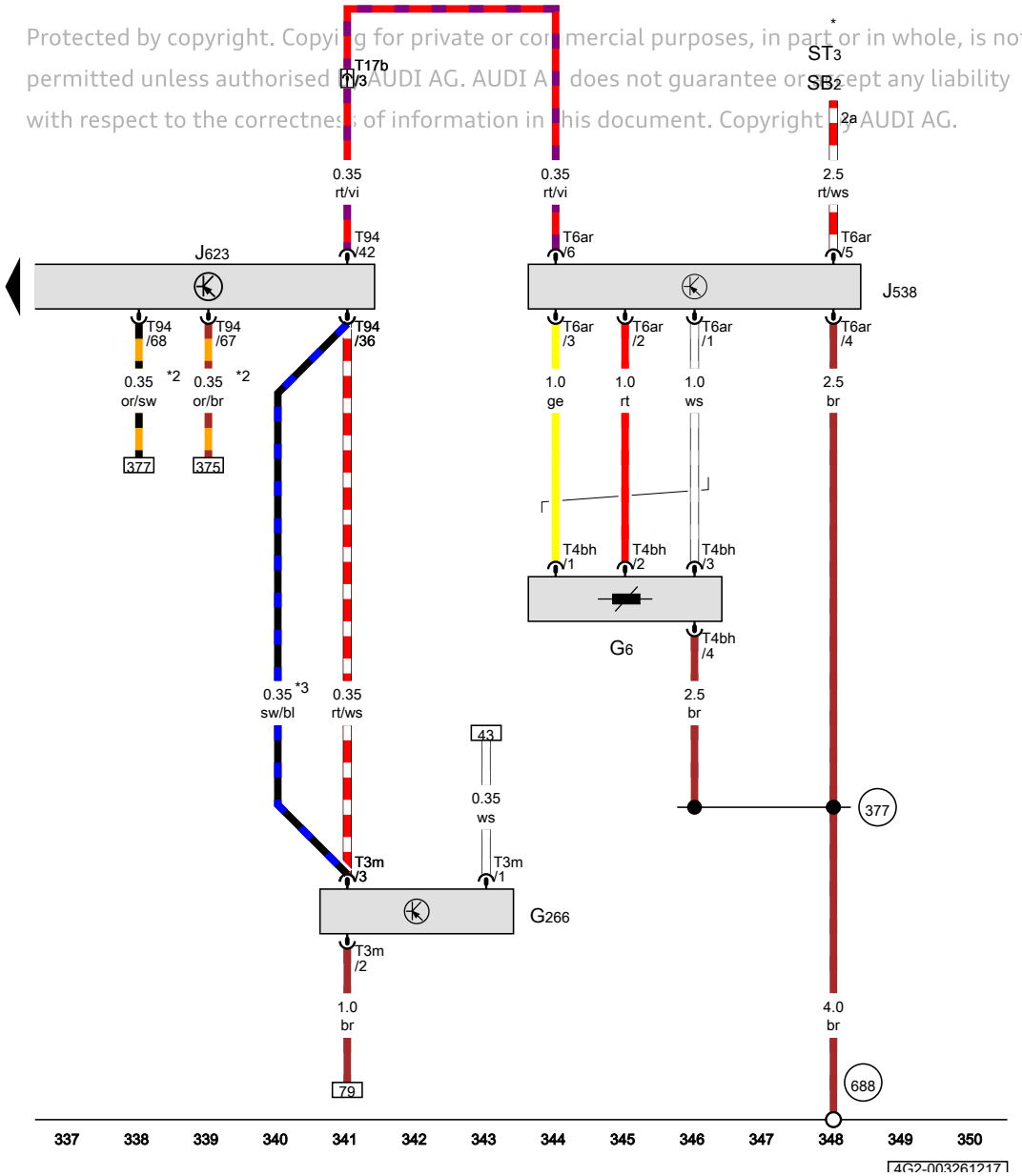
Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2, Radiator fan

J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, near radiator fan
T4bg	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T94	94-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness



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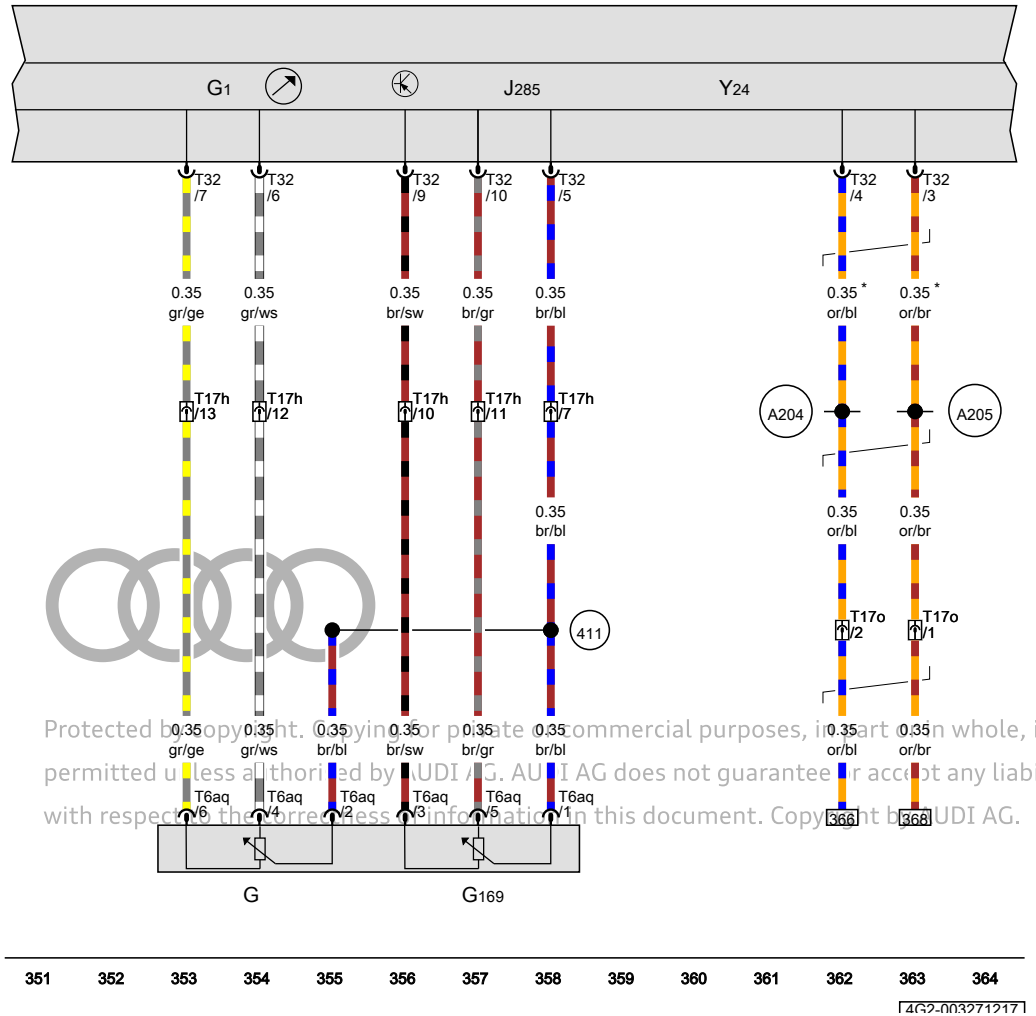
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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2011

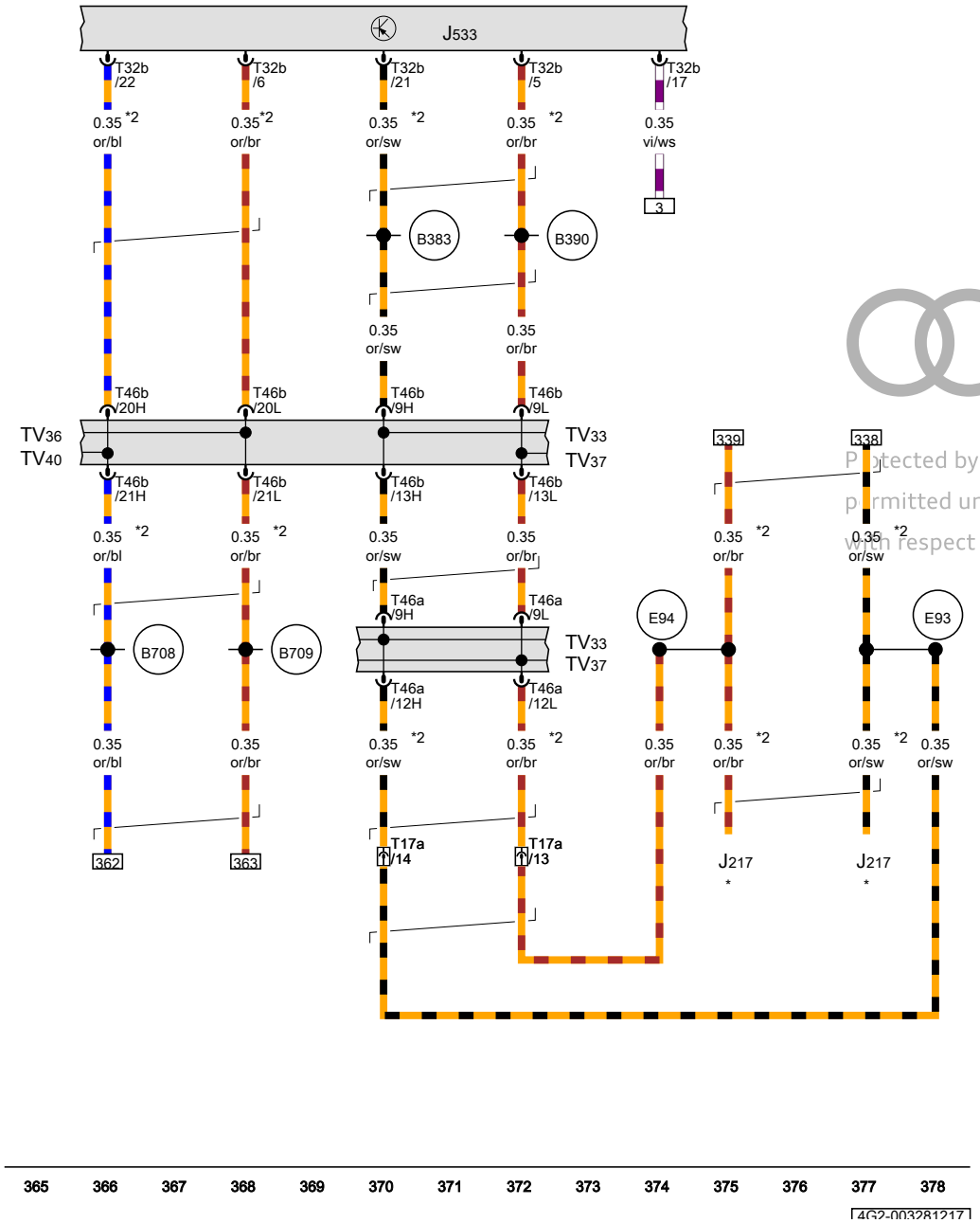
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)



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Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber
T32b 32-pin connector
T46a 46-pin connector
T46b 46-pin connector
TV33 Wiring junction for powertrain CAN bus, high
TV36 Wiring junction for dash panel insert CAN bus, high
TV37 Wiring junction for powertrain CAN bus, low
TV40 Wiring junction for dash panel insert CAN bus, low

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B708 Connection 1 (dash panel insert CAN bus high) in main wiring harness

B709 Connection 1 (dash panel insert CAN bus low) in main wiring harness

E93 Connection 1 (CAN bus high), in engine wiring harness

E94 Connection 1 (CAN bus low), in engine wiring harness

* see applicable current flow diagram for gearbox
*2 Data bus wire (CAN bus)

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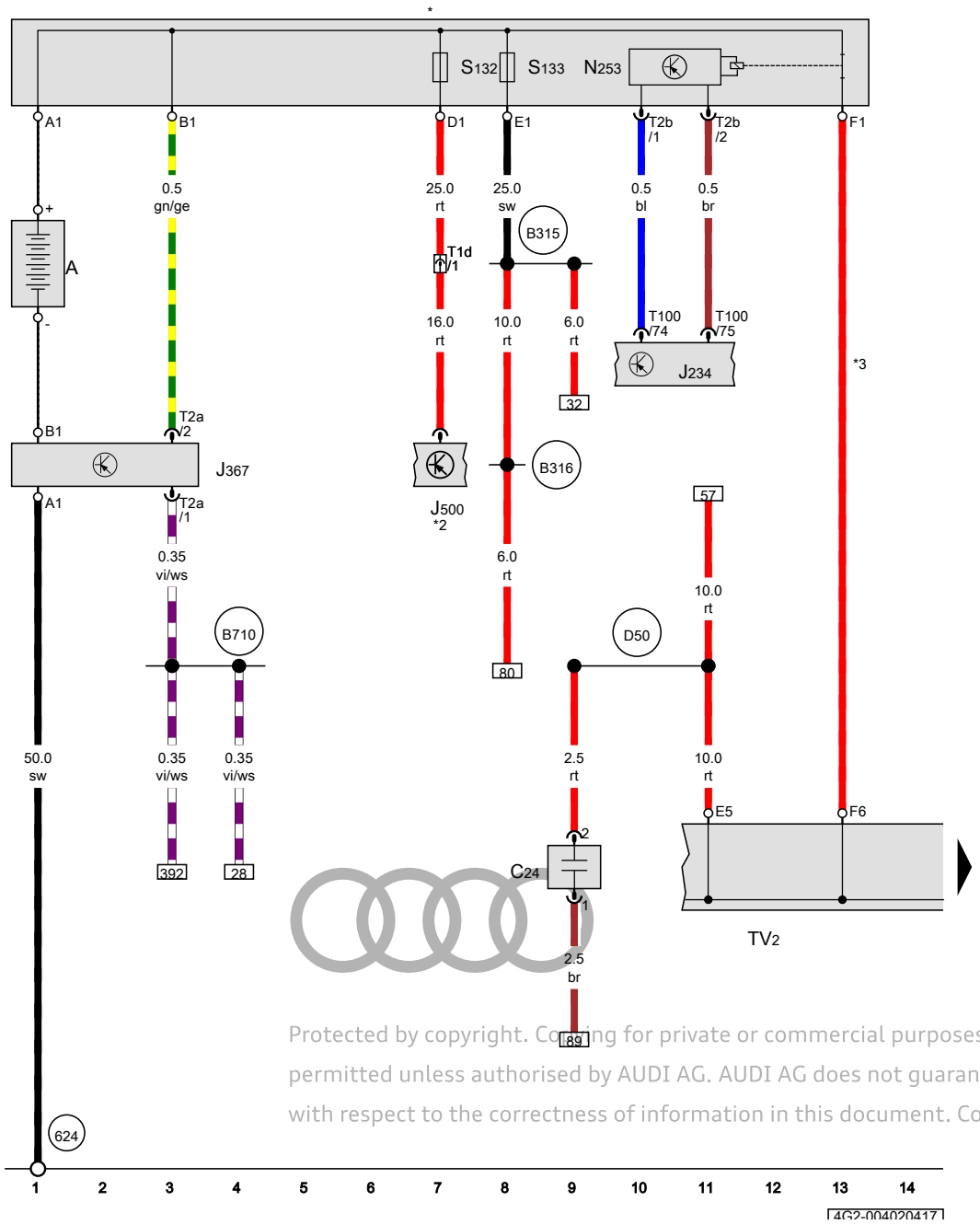
3.0l diesel engine , CDUC,CDUD,CKVB,CKVC,CLAA,CLAB,CPNB

From January 2011

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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram
*3	Flat conductor

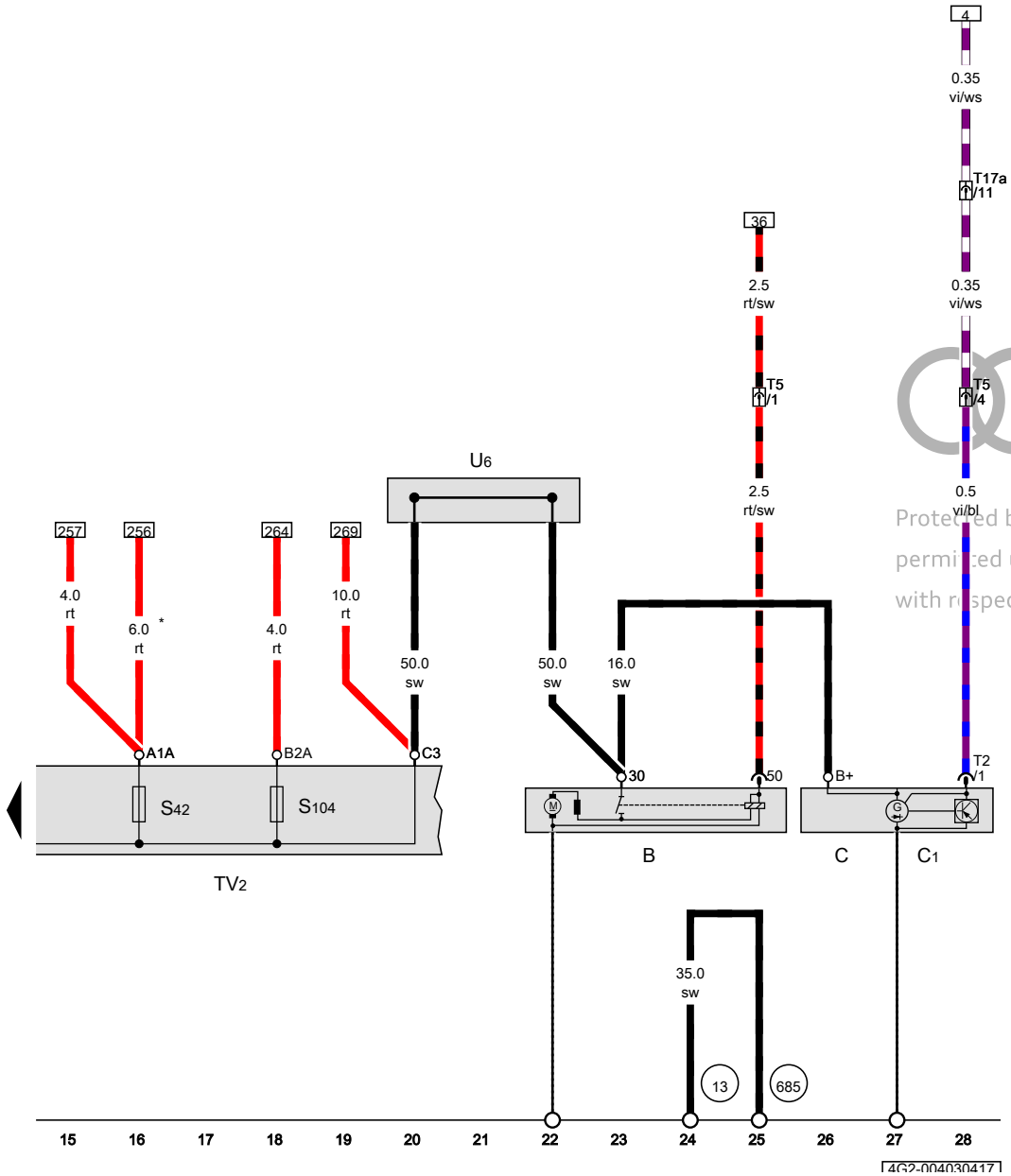


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or = orange
rs = pink

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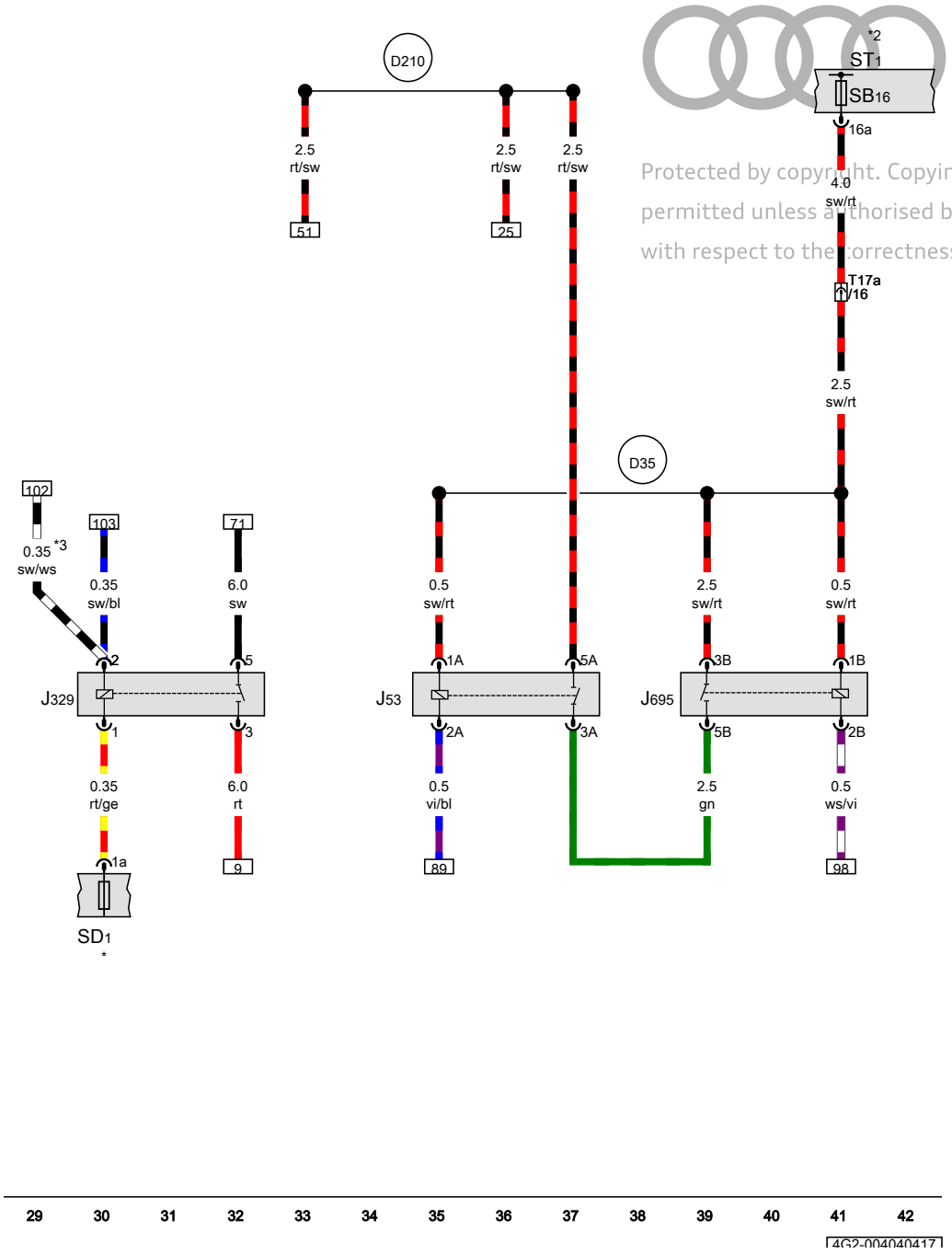
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	Only models with Tiptronic



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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

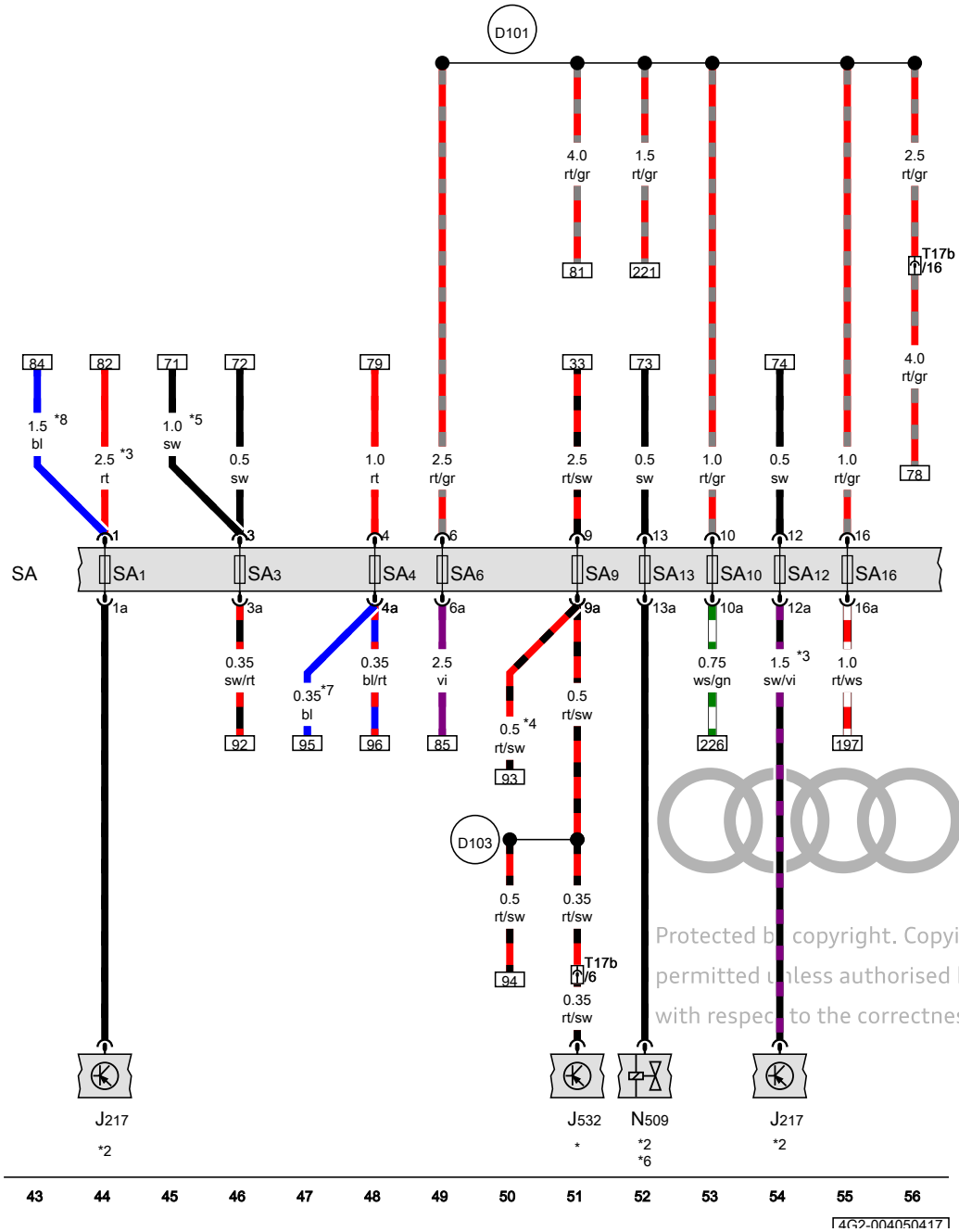


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Fuse holder A

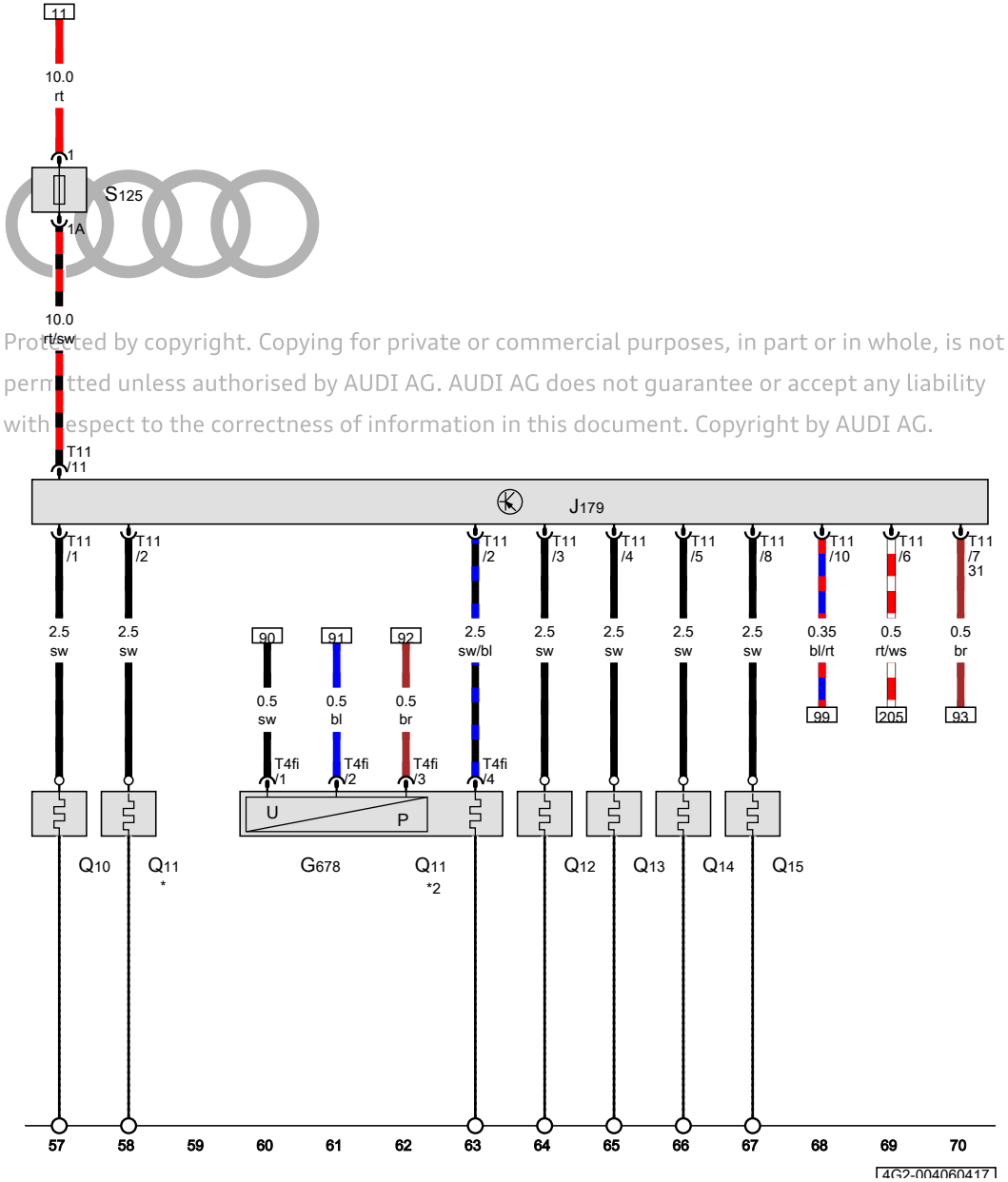
J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA16	Fuse 16 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	Cross section depends on equipment
*4	Only models with no start/stop system
*5	Only models with manual gearbox
*6	According to equipment
*7	From June 2011
*8	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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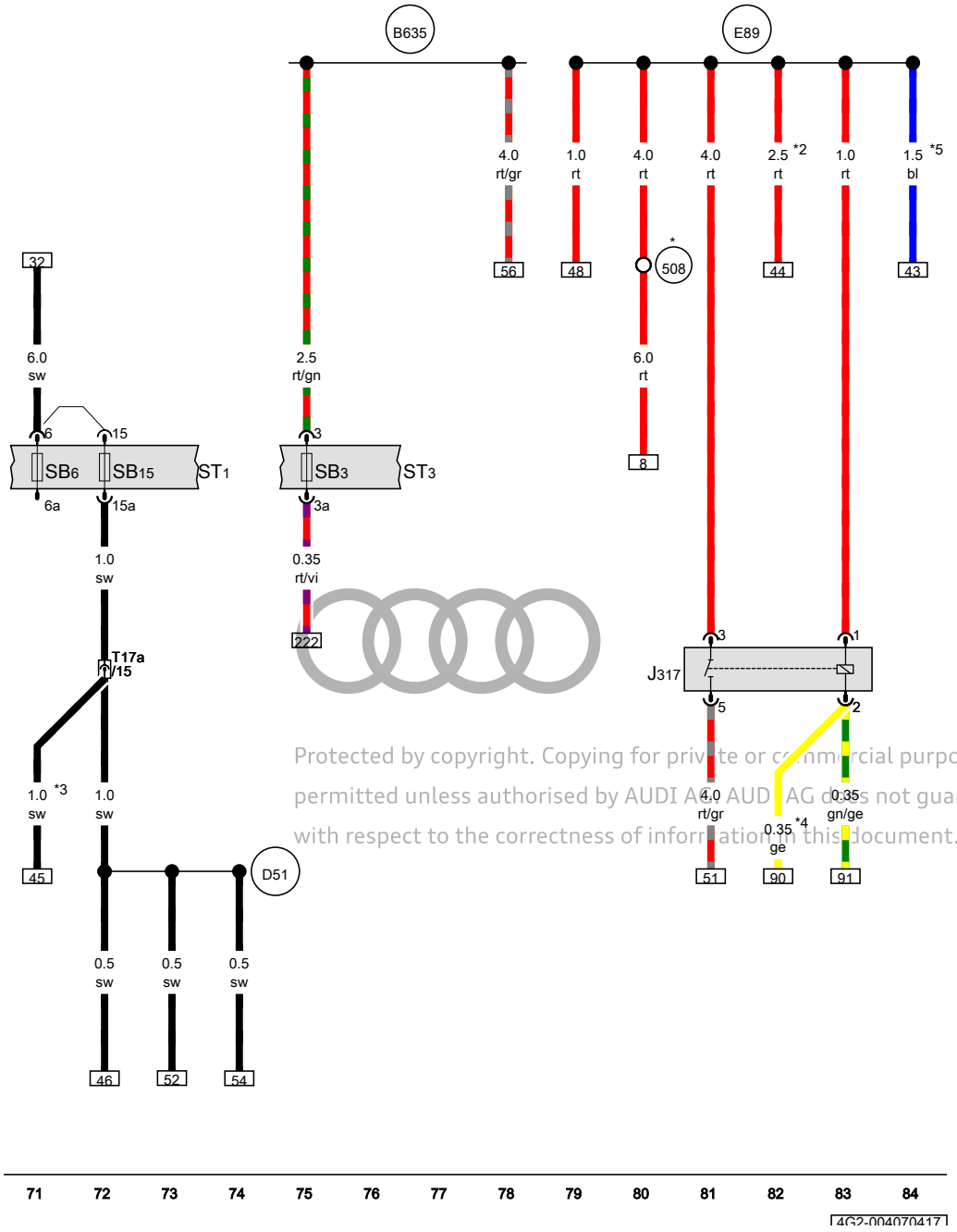
Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
T4fi	4-pin connector
T11	11-pin connector, black
*	Not for models with Euro 6 emission standard
*2	Only models with Euro 6 emission standard



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rt	=	red
br	=	brown
gn	=	green
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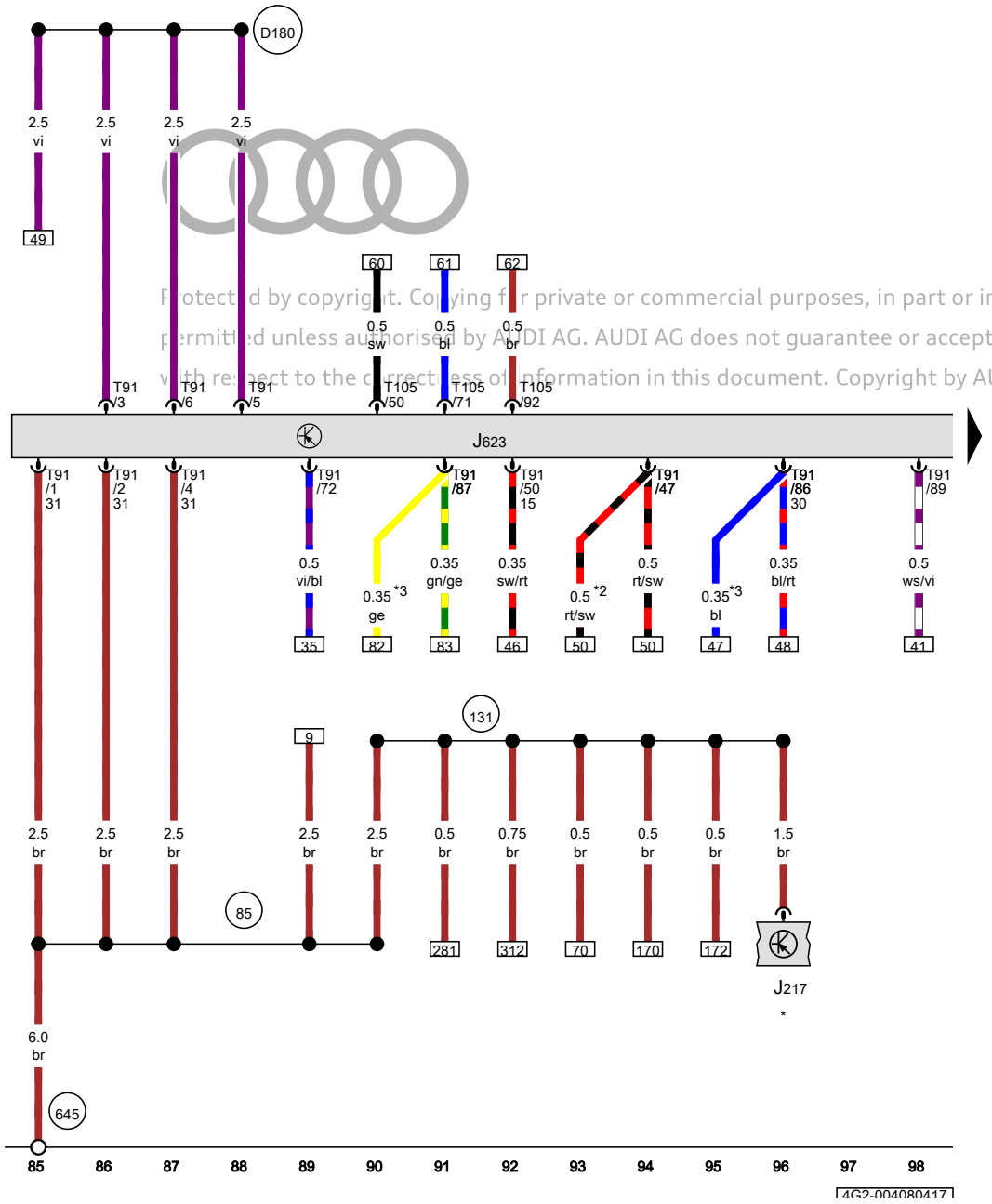


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Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
508	Threaded connection (30) on E-box
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber
*2	Cross section depends on equipment
*3	Only models with manual gearbox
*4	From June 2011
*5	gradual introduction

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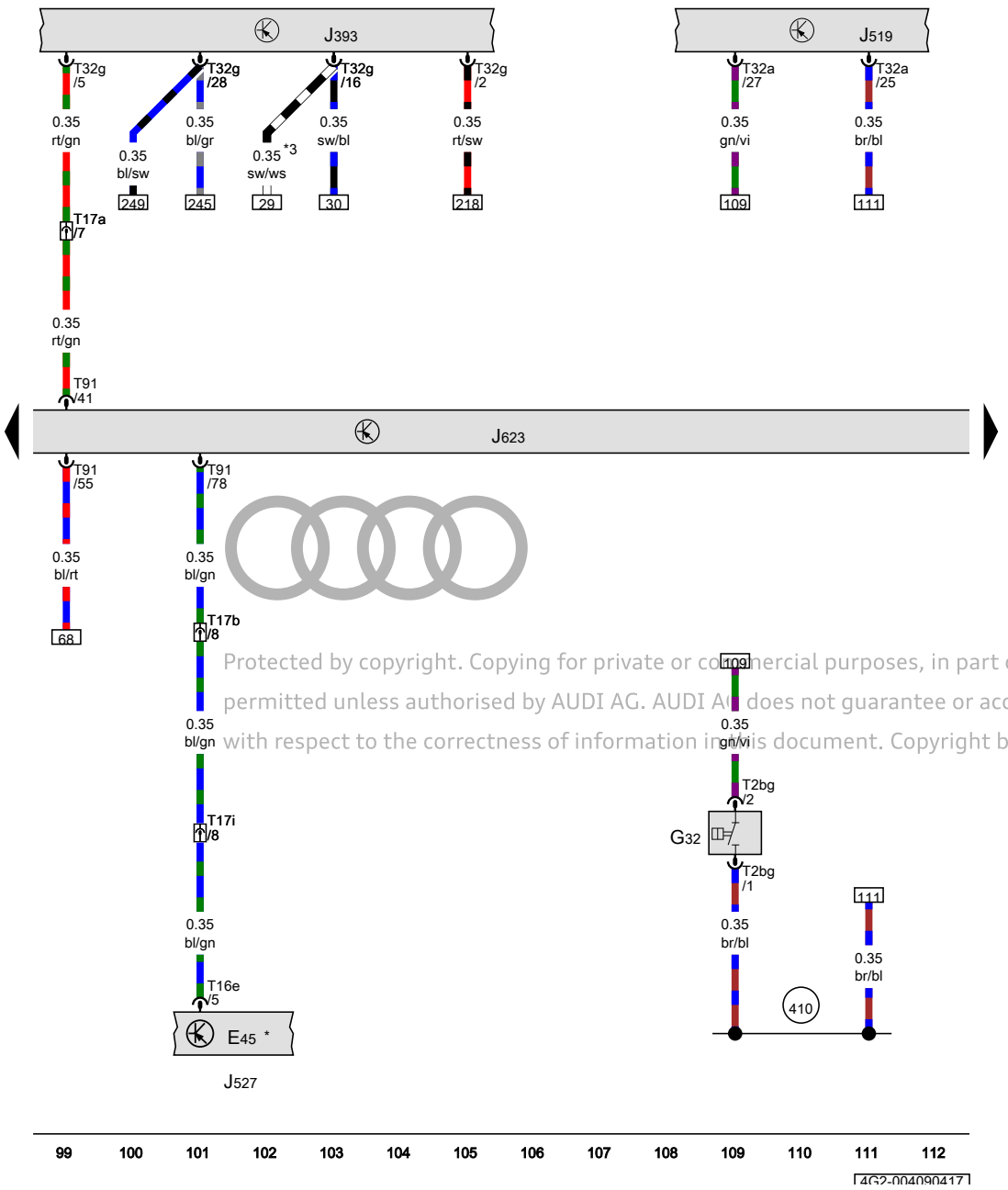


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Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T91	91-pin connector, black
T105	105-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with no start/stop system
*3	From June 2011

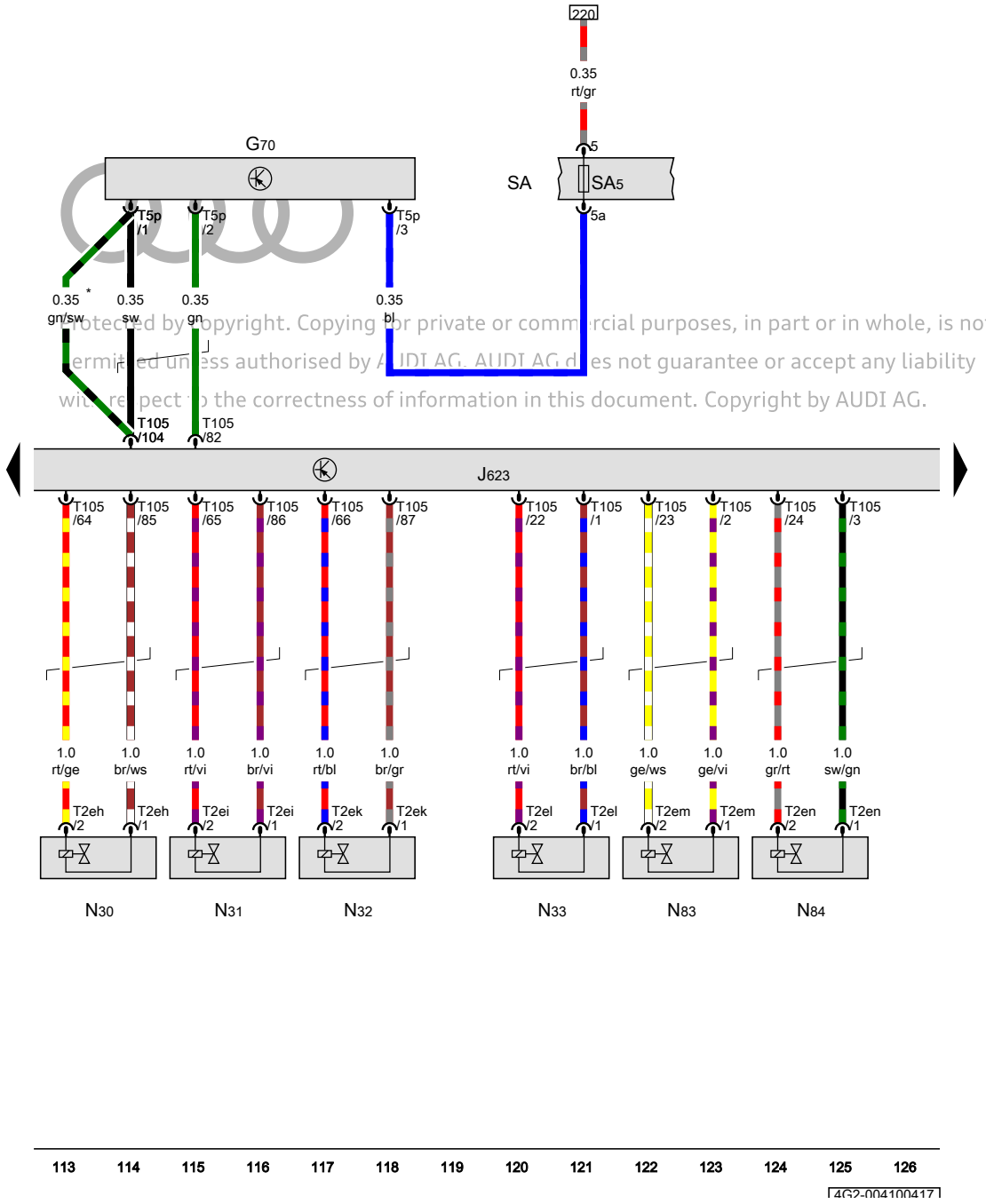


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Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T2bg	2-pin connector
T16e	16-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
*	Only models with cruise control system (CCS)
*2	For models with automatic gearbox
*3	Only right-hand drive models

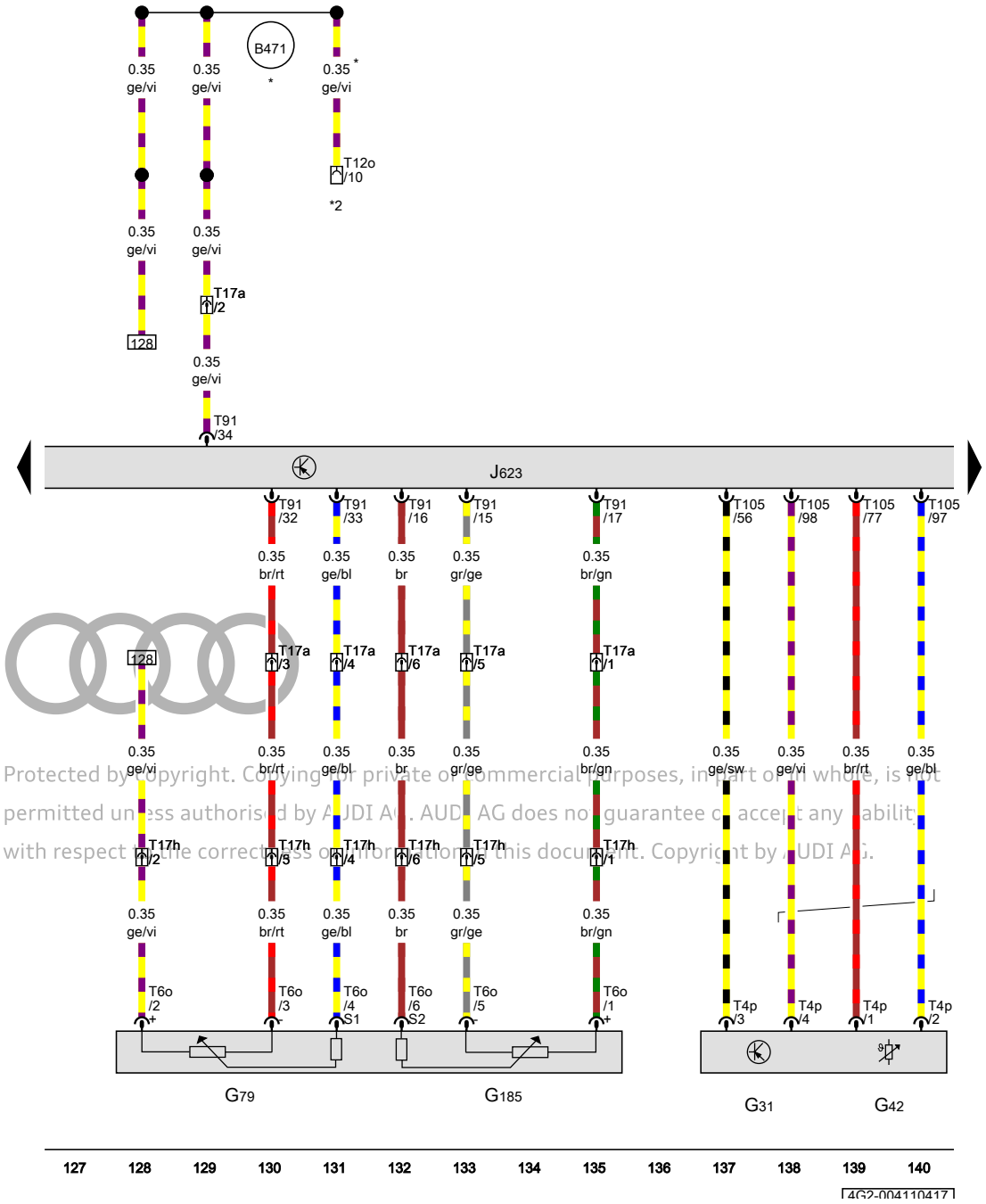


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Air mass meter, Engine control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
SA	Fuse holder A
SA5	Fuse 5 on fuse holder A
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T5p	5-pin connector, black
T105	105-pin connector, black
*	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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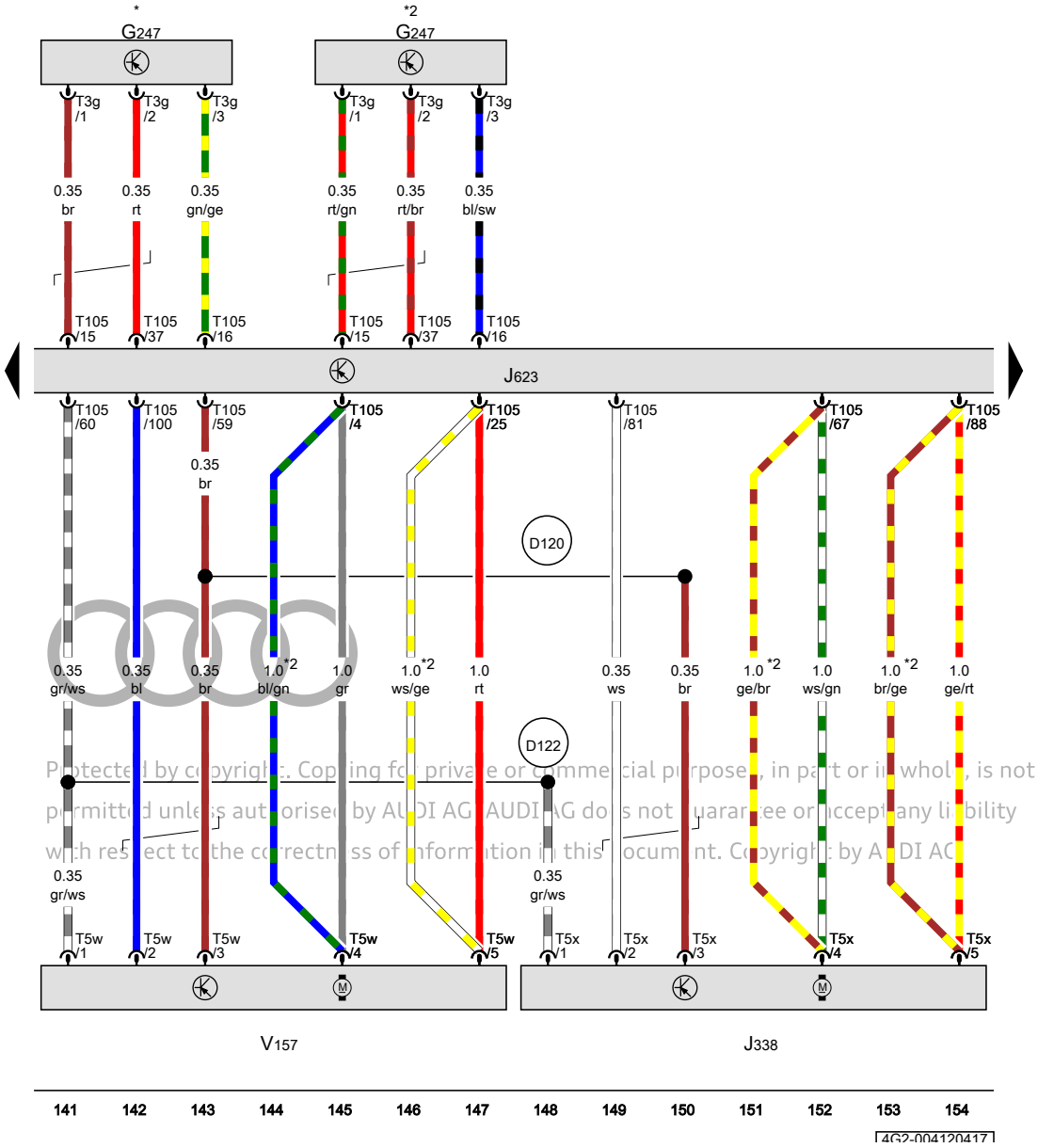
Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4p	4-pin connector
T6o	6-pin connector, black
T12o	12-pin connector, brown
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black
B471	Connection 7, in main wiring harness
*	Up to May 2011
*2	Only models with interface for special functions

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel pressure sender, Throttle valve module, Engine control unit

G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3g	3-pin connector
T5w	5-pin connector, black
T5x	5-pin connector, black
T105	105-pin connector, black
V157	Intake manifold flap motor
D120	Connection 18 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	Up to May 2011
*2	From June 2011

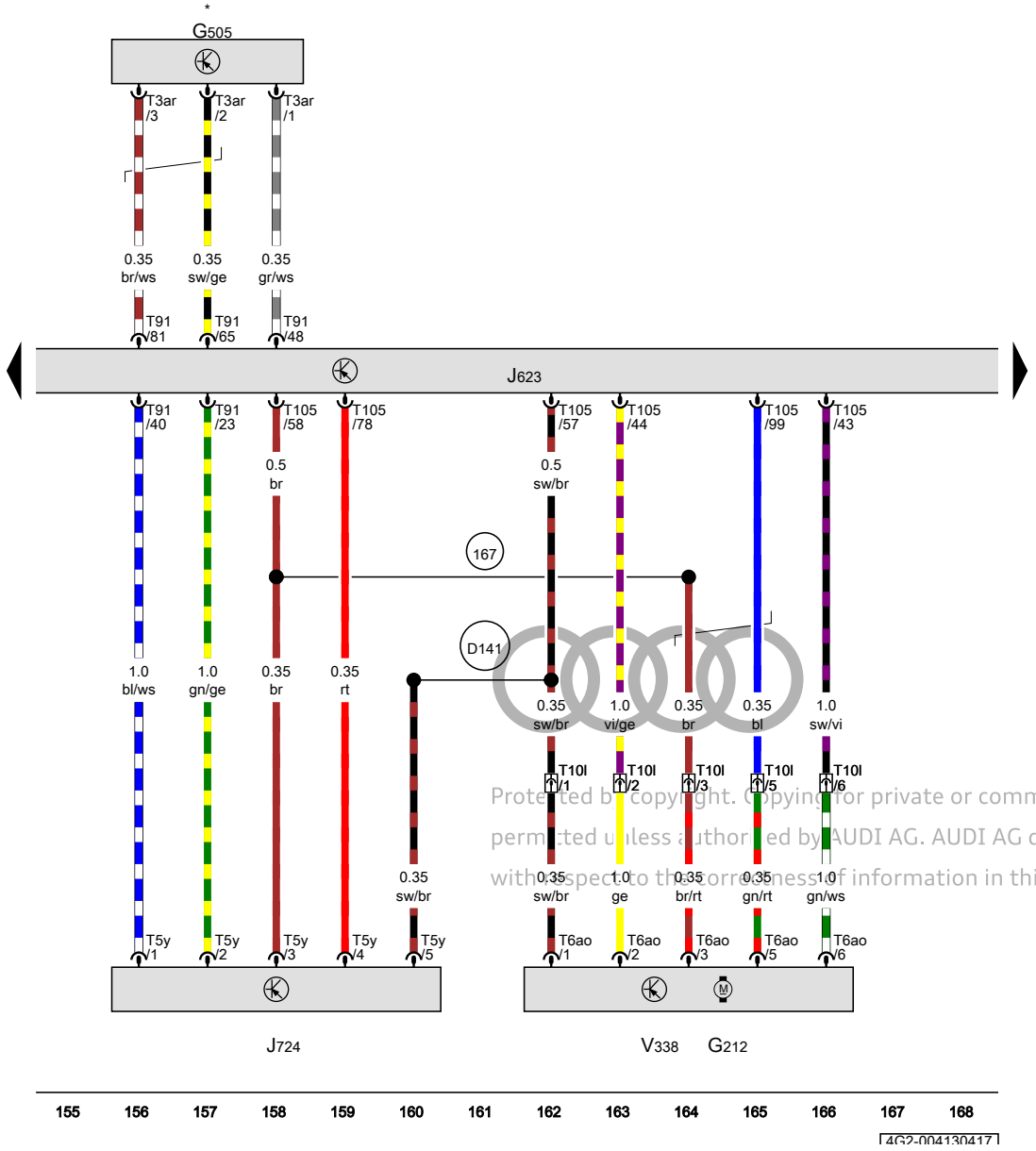


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Pressure differential sender, Engine control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

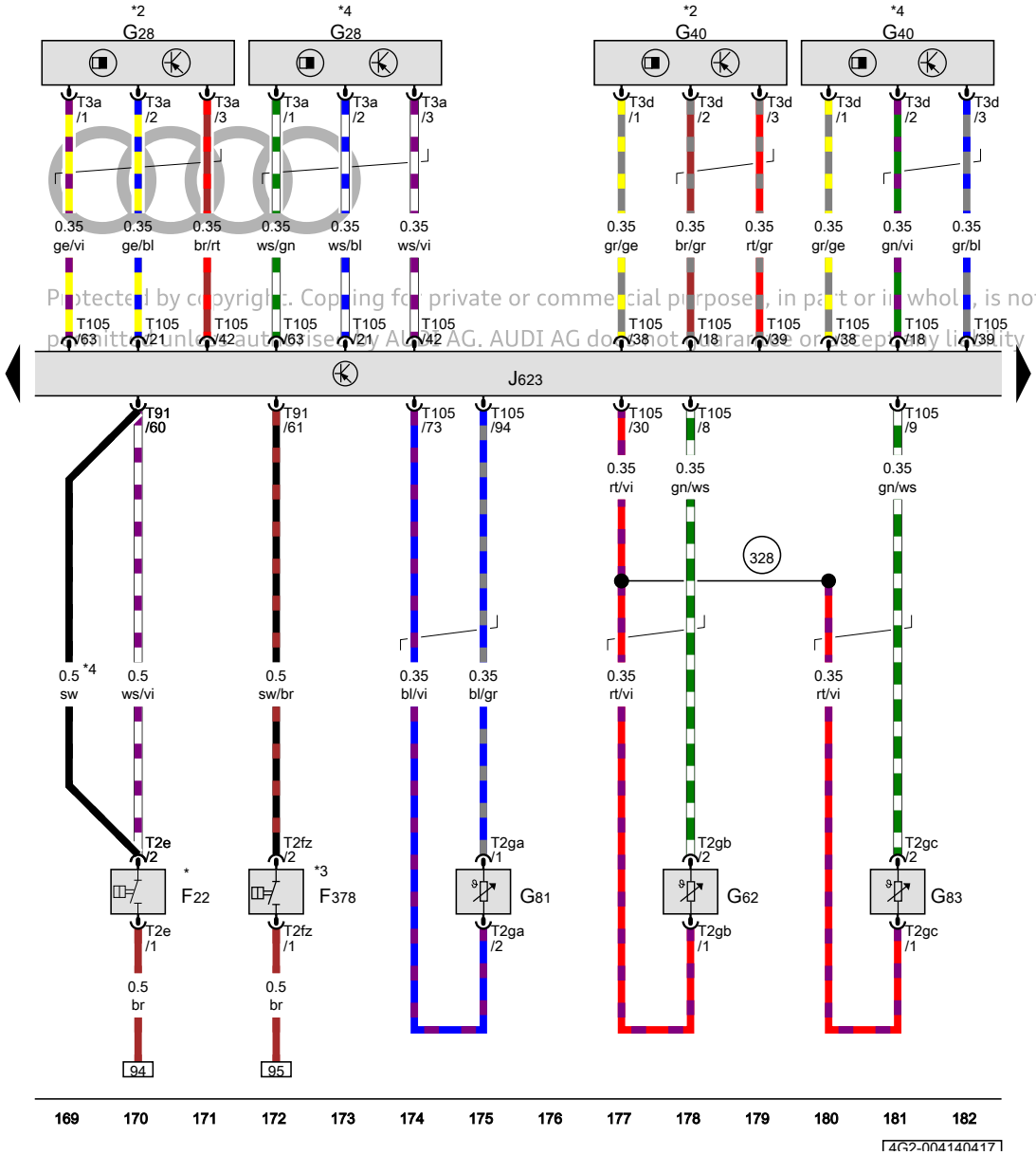
G212	Exhaust gas recirculation potentiometer
G505	Pressure differential sender
J623	Engine control unit
J724	Turbocharger 1 control unit
T3ar	3-pin connector
T5y	5-pin connector, black
T6ao	6-pin connector
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
V338	Exhaust gas recirculation control motor
167	Earth connection 4, in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Not for models with Euro 4 emission standard



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Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine control unit

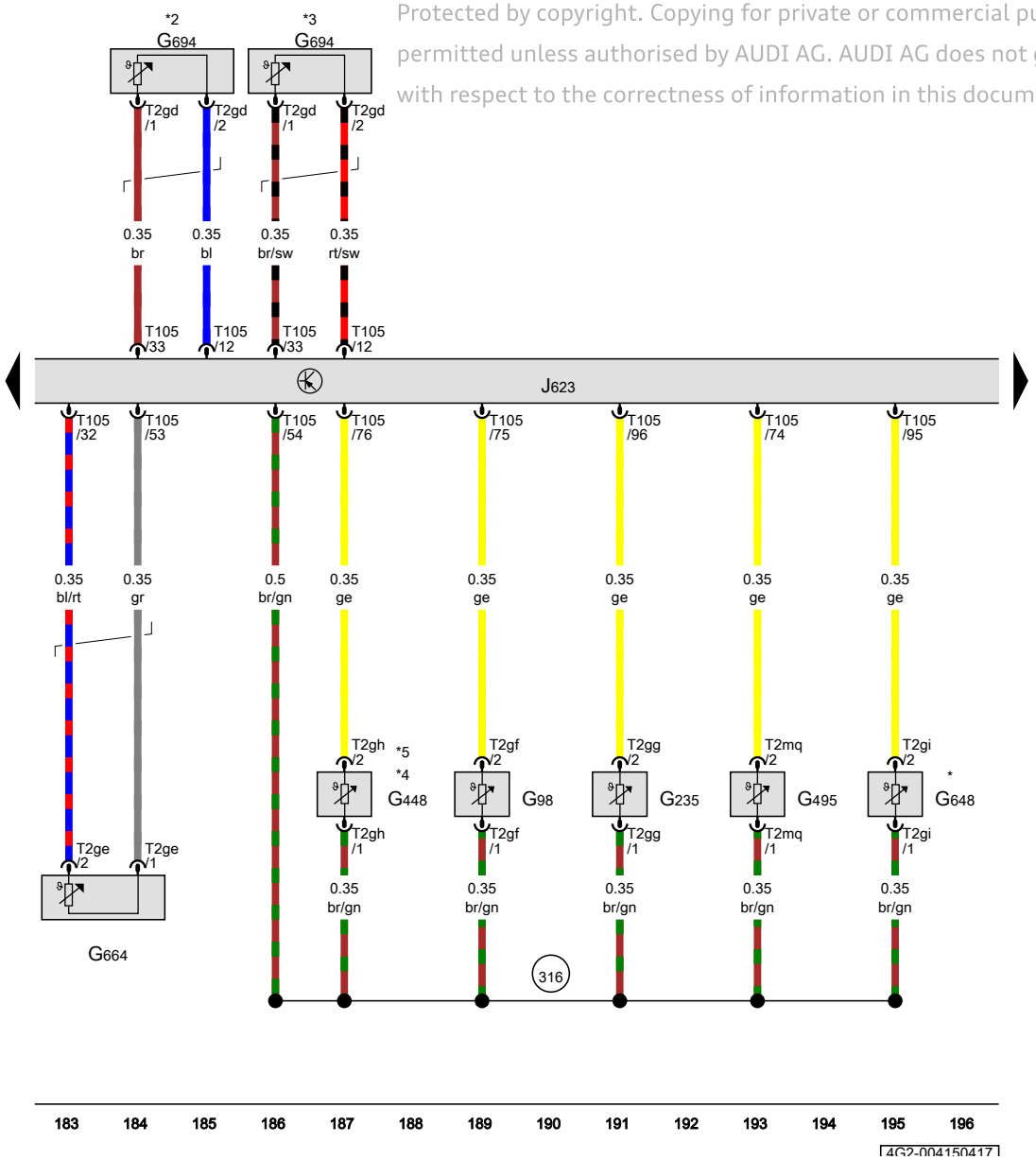


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F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
T2e	2-pin connector
T2fz	2-pin connector
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T3a	3-pin connector
T3d	3-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
*	2.6 bar
*2	Up to May 2011
*3	0.9 bar
*4	From June 2011

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rt	=	red
br	=	brown
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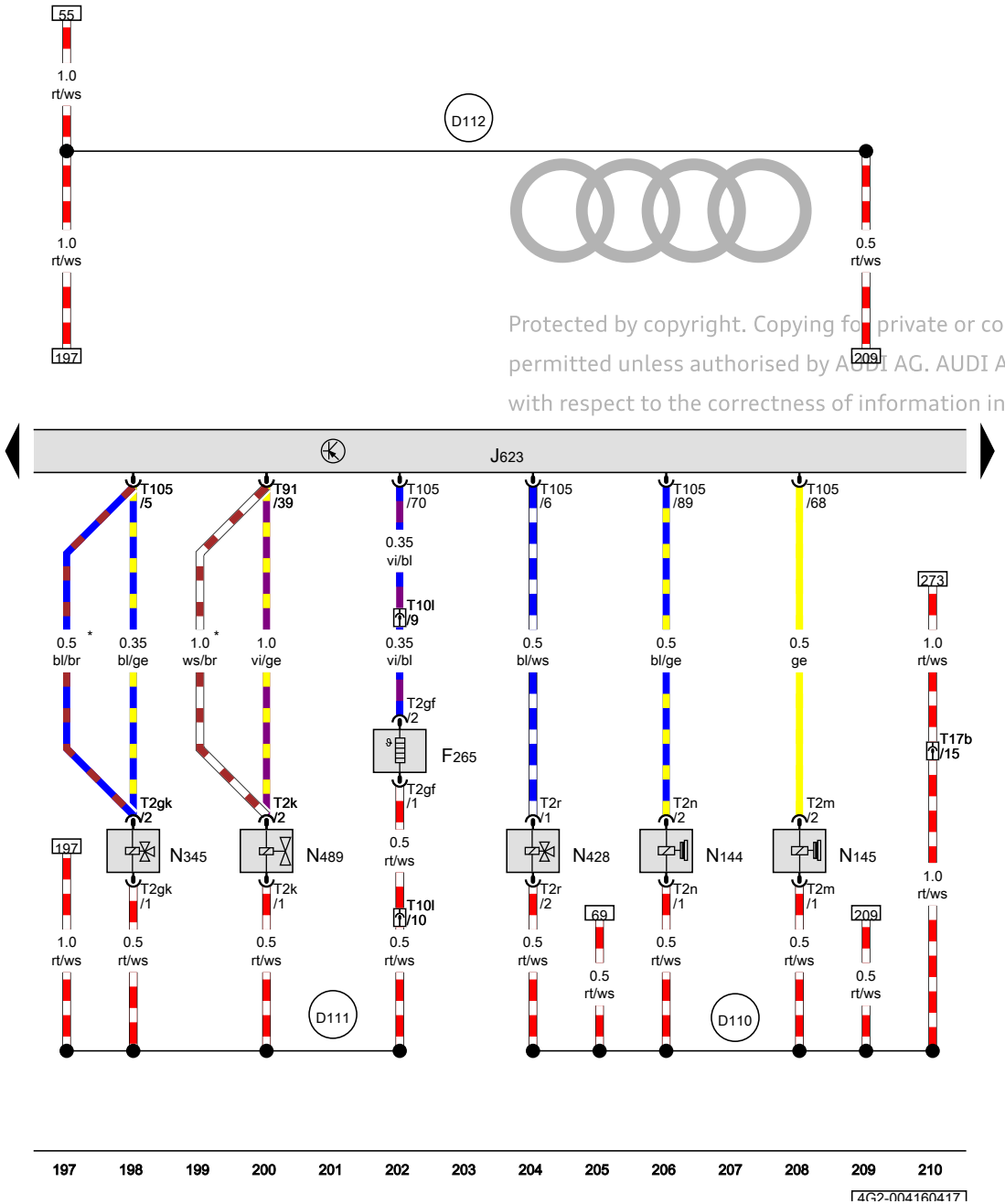
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Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine control unit

G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T2gd	2-pin connector
T2ge	2-pin connector
T2gf	2-pin connector
T2gg	2-pin connector
T2gh	2-pin connector
T2gi	2-pin connector
T2mq	2-pin connector
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
*	Not for models with Euro 4 emission standard
*2	Up to May 2011
*3	From June 2011
*4	Only models with Euro 6 emission standard
*5	Gradually discontinued

ws	=	white
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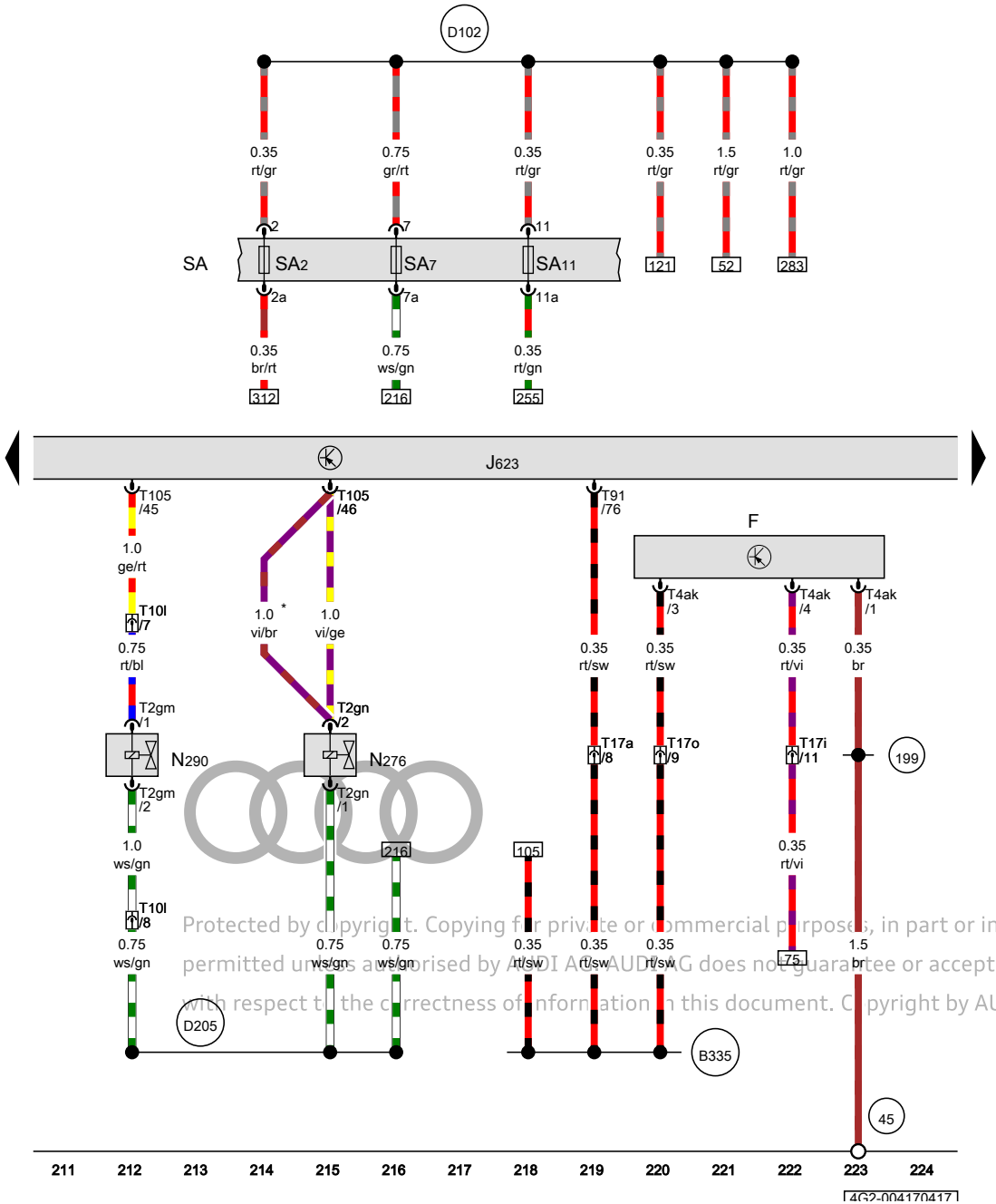
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Map-controlled engine cooling system thermostat, Engine control unit, Left electrohydraulic engine mounting solenoid valve, Exhaust gas recirculation cooler changeover valve, Valve for oil pressure control, Coolant valve for cylinder head

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2gf	2-pin connector
T2gk	2-pin connector
T2k	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T2r	2-pin connector
T10l	10-pin connector, on right in engine compartment, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
D110	Connection 8 in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	From June 2011

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Brake light switch, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



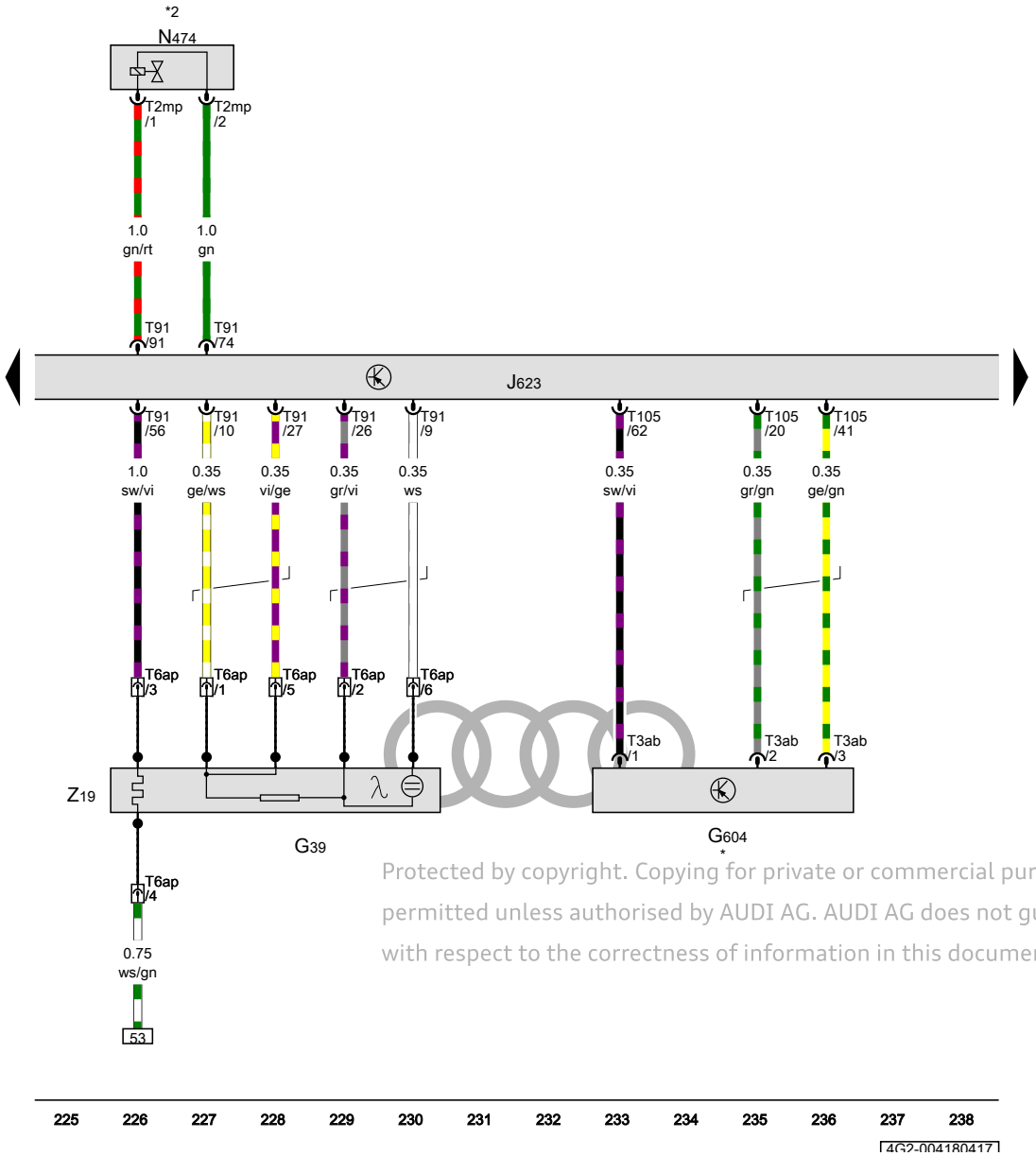
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F	Brake light switch
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SA	Fuse holder A
SA2	Fuse 2 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA11	Fuse 11 on fuse holder A
T2gm	2-pin connector
T2gn	2-pin connector
T4ak	4-pin connector, black
T10l	10-pin connector, on right in engine compartment, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
T105	105-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	From June 2011

Lambda probe, Gear detection sensor, Engine control unit, Injector for reducing agent, Lambda probe heater

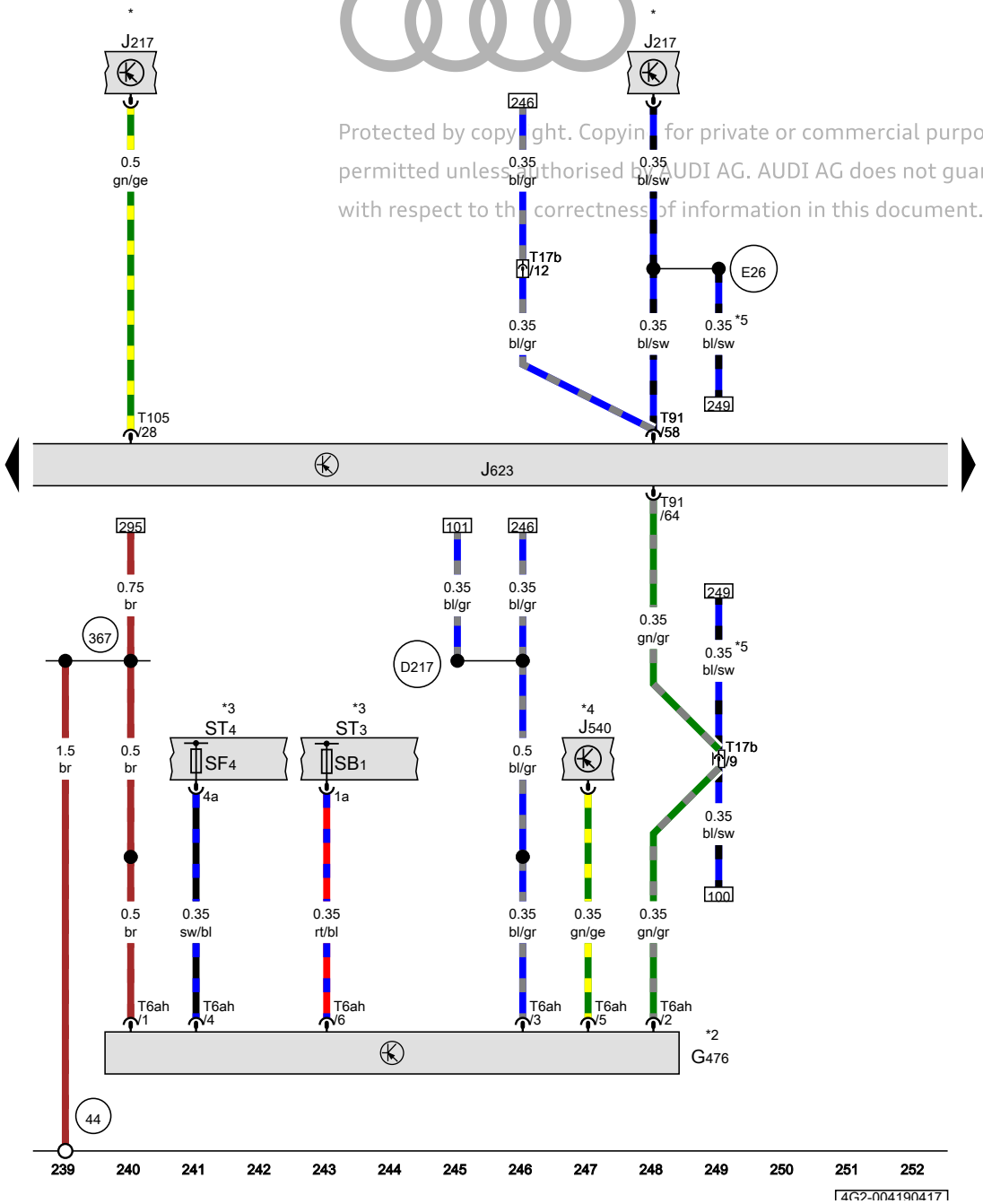
G39	Lambda probe
G604	Gear detection sensor
J623	Engine control unit
N474	Injector for reducing agent
T2mp	2-pin connector
T3ab	3-pin connector
T6ap	6-pin connector, brown
T91	91-pin connector, black
T105	105-pin connector, black
Z19	Lambda probe heater
*	Only models with manual gearbox
*2	Only models with Euro 6 emission standard



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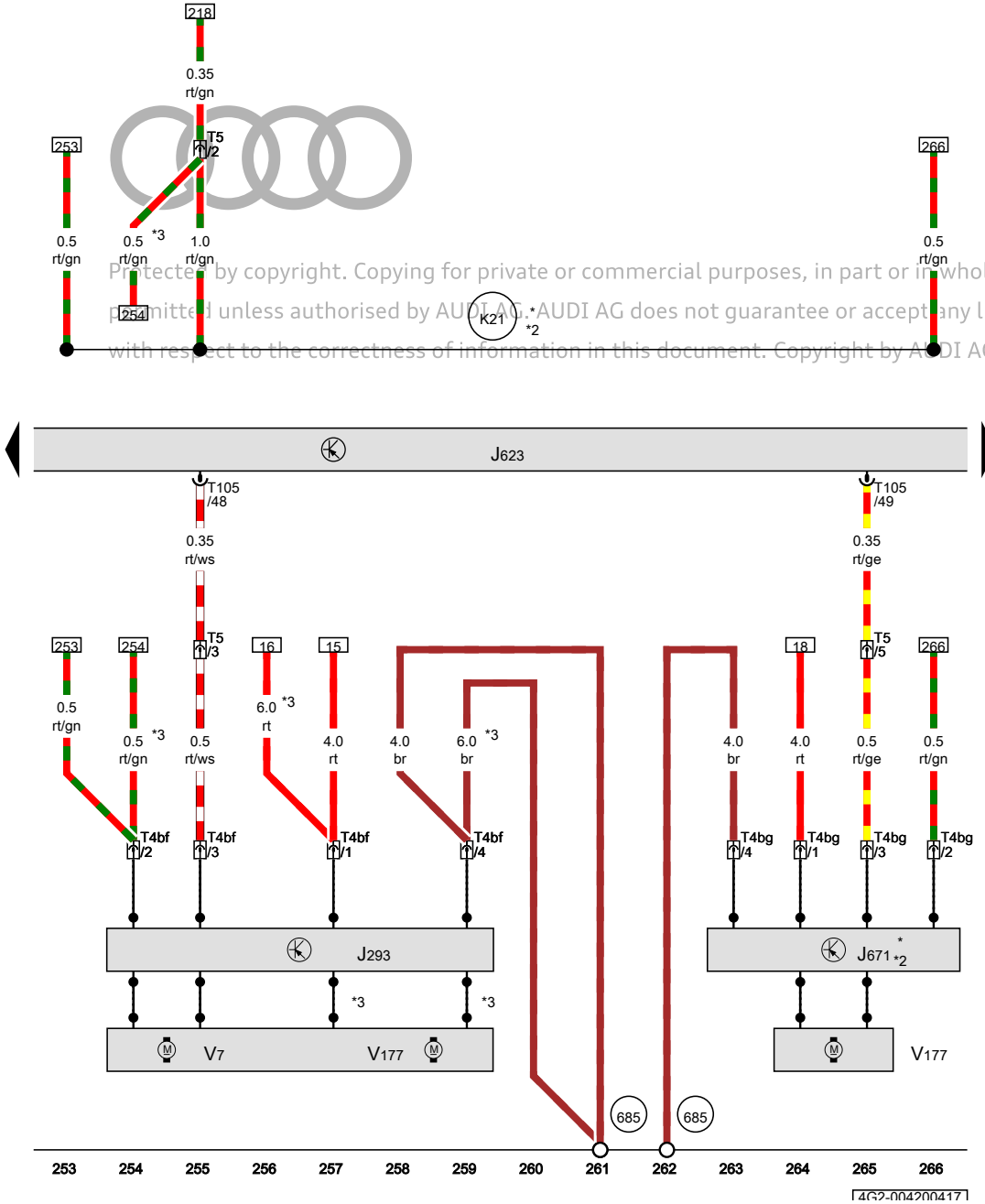
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Clutch position sender, Control unit for electromechanical parking brake, Engine control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T6ah	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with manual gearbox
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram
*5	For models with automatic gearbox

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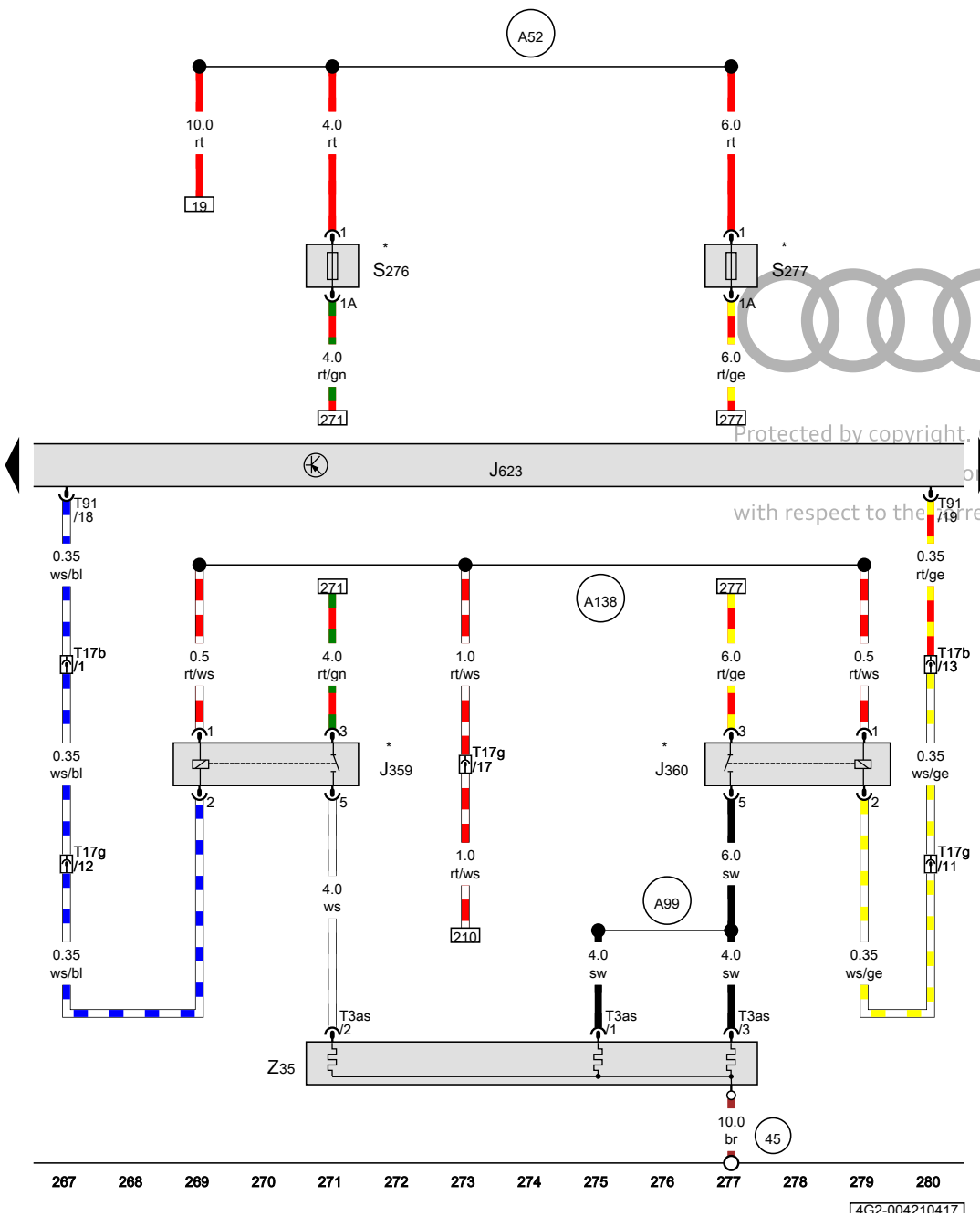


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Radiator fan control unit, Engine control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, near radiator fan
T4bg	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T105	105-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Hot country version
*2	For models with trailer socket
*3	Only models with Tiptronic

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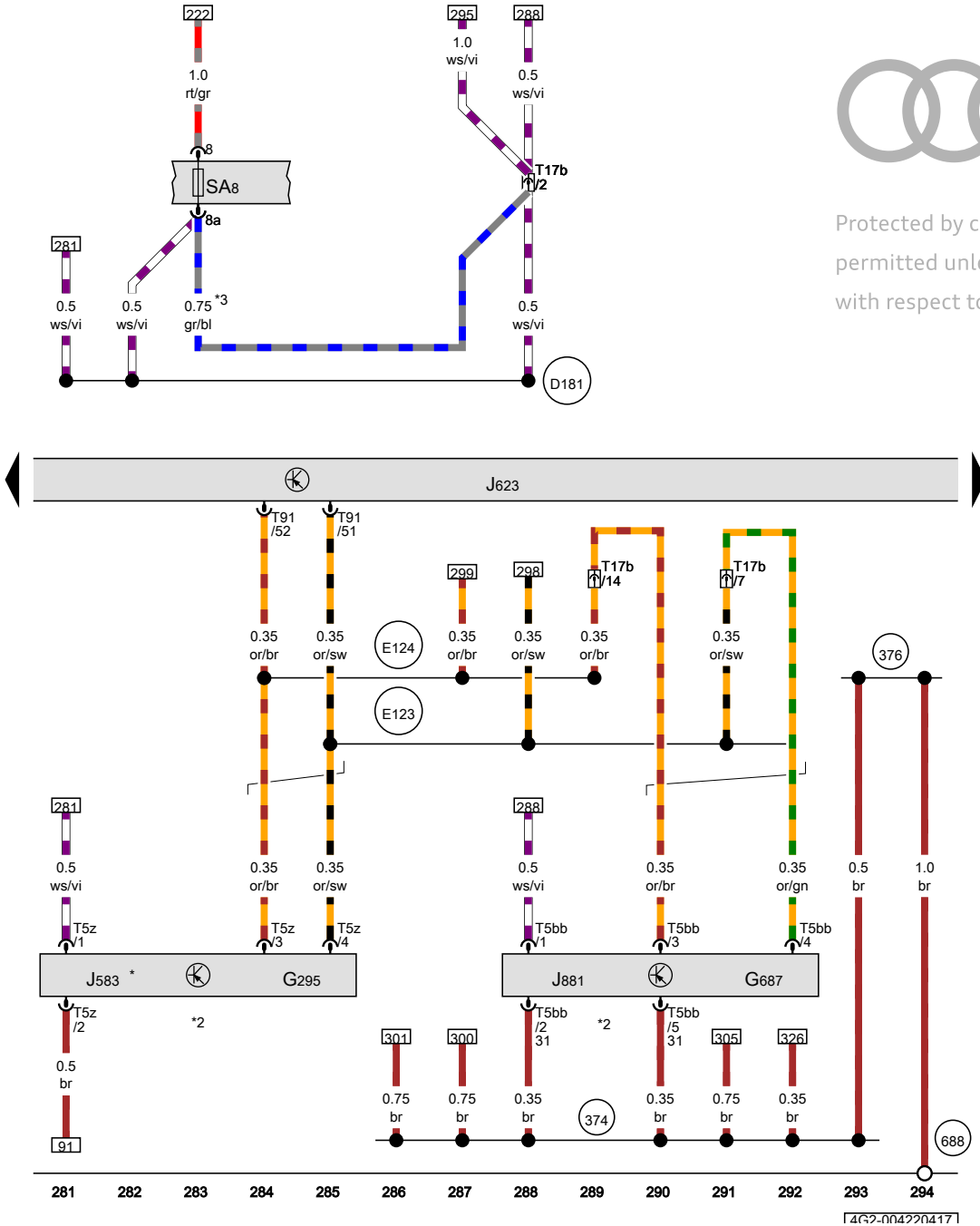


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Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T91	91-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel



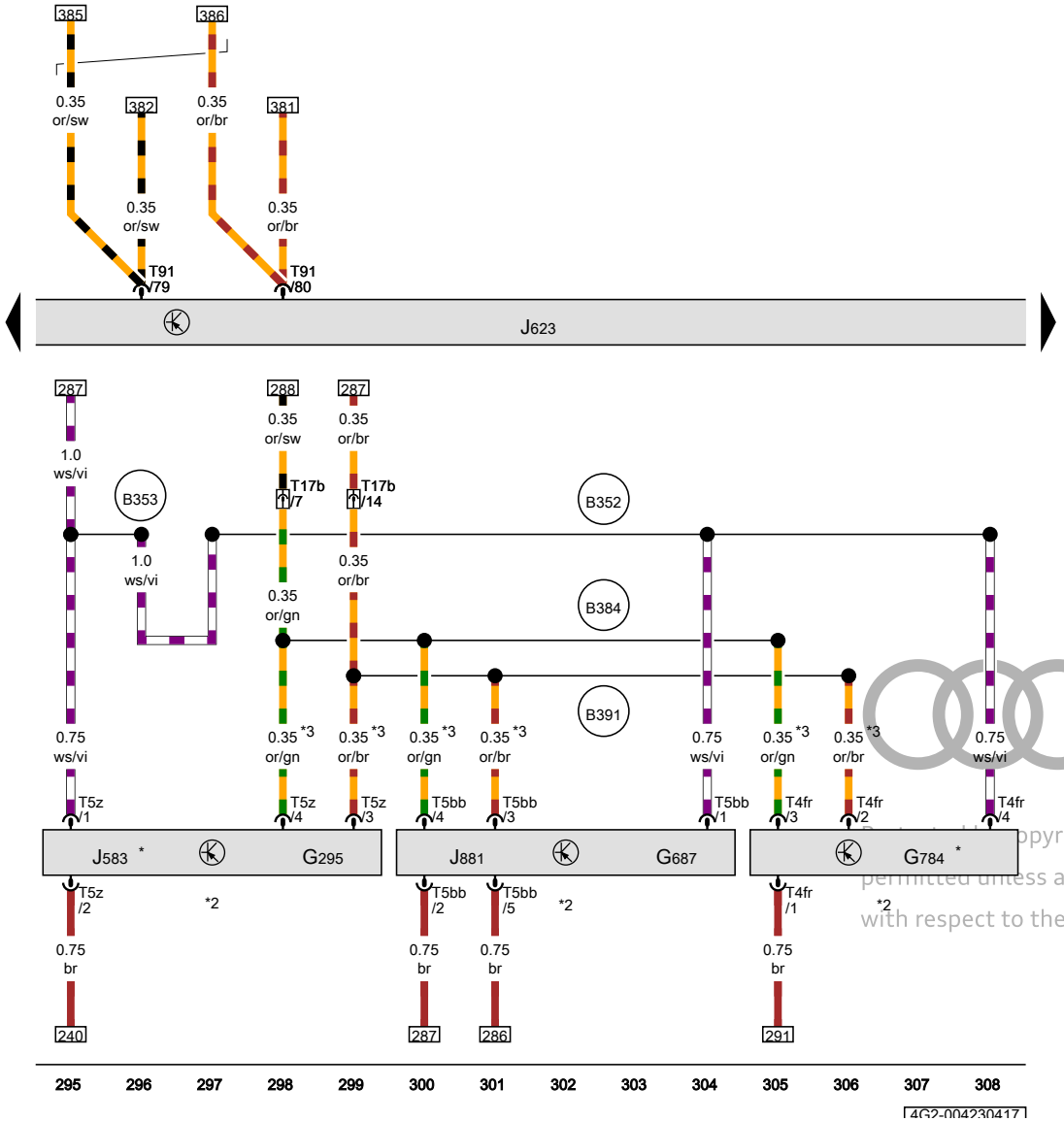
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Control unit for NOx sender, Engine control unit, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
J583	Control unit for NOx sender
J623	Engine control unit
J881	Control unit for NOx sender 2
SA8	Fuse 8 on fuse holder A
T5bb	5-pin connector
T5z	5-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black

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374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
D181	Connection 2 (87a), in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with BIN5/ULEV emission standard
*2	Up to May 2013
*3	Only for American markets



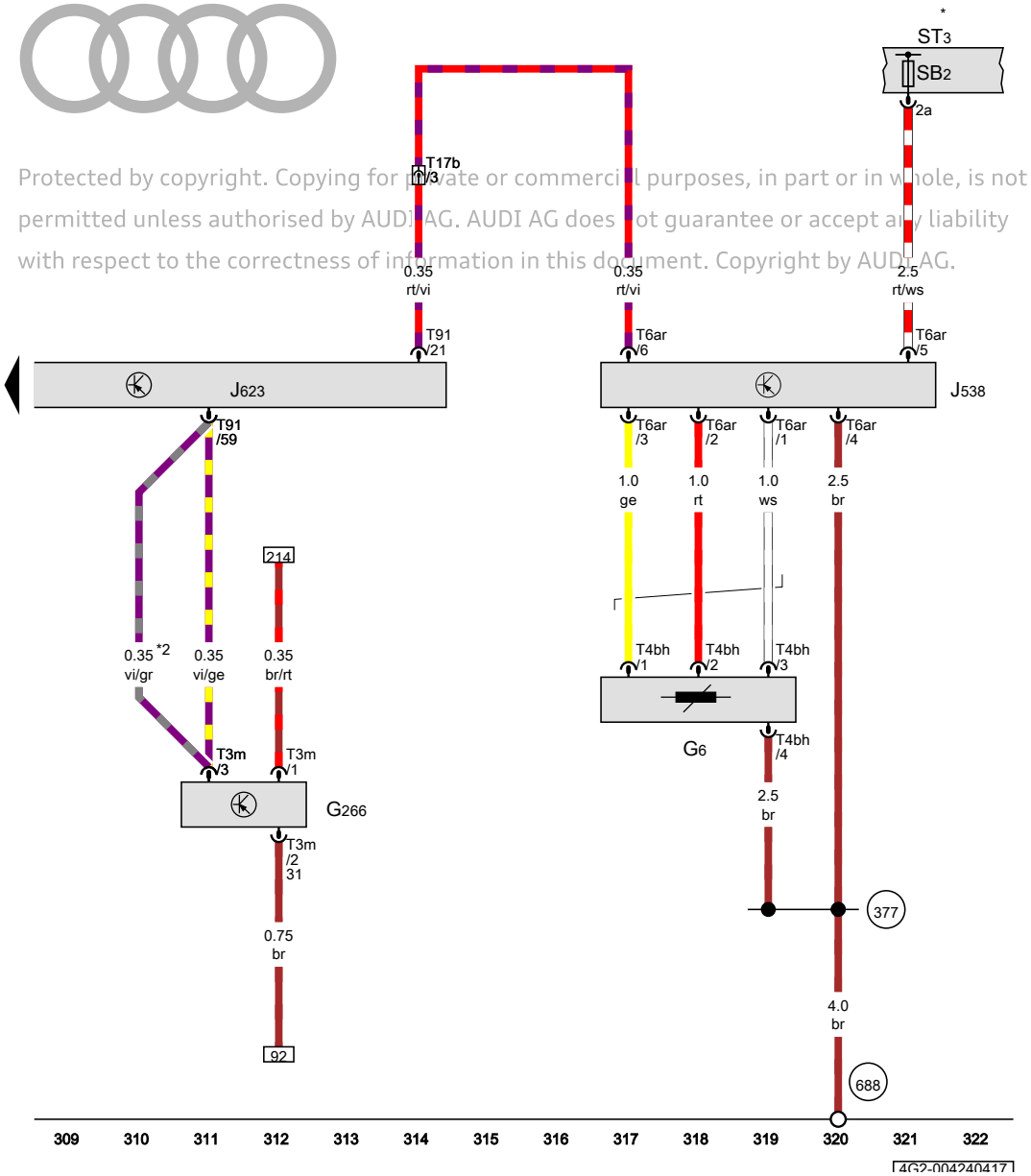
Control unit for NOx sender, Engine control unit, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine control unit
J881	Control unit for NOx sender 2
T4fr	4-pin connector
T5bb	5-pin connector
T5z	5-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
B352	Positive connection 3 (87a) in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
*	Only models with BIN5/ULEV emission standard
*2	From June 2013
*3	Data bus wire (CAN bus)

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rt	=	red
br	=	brown
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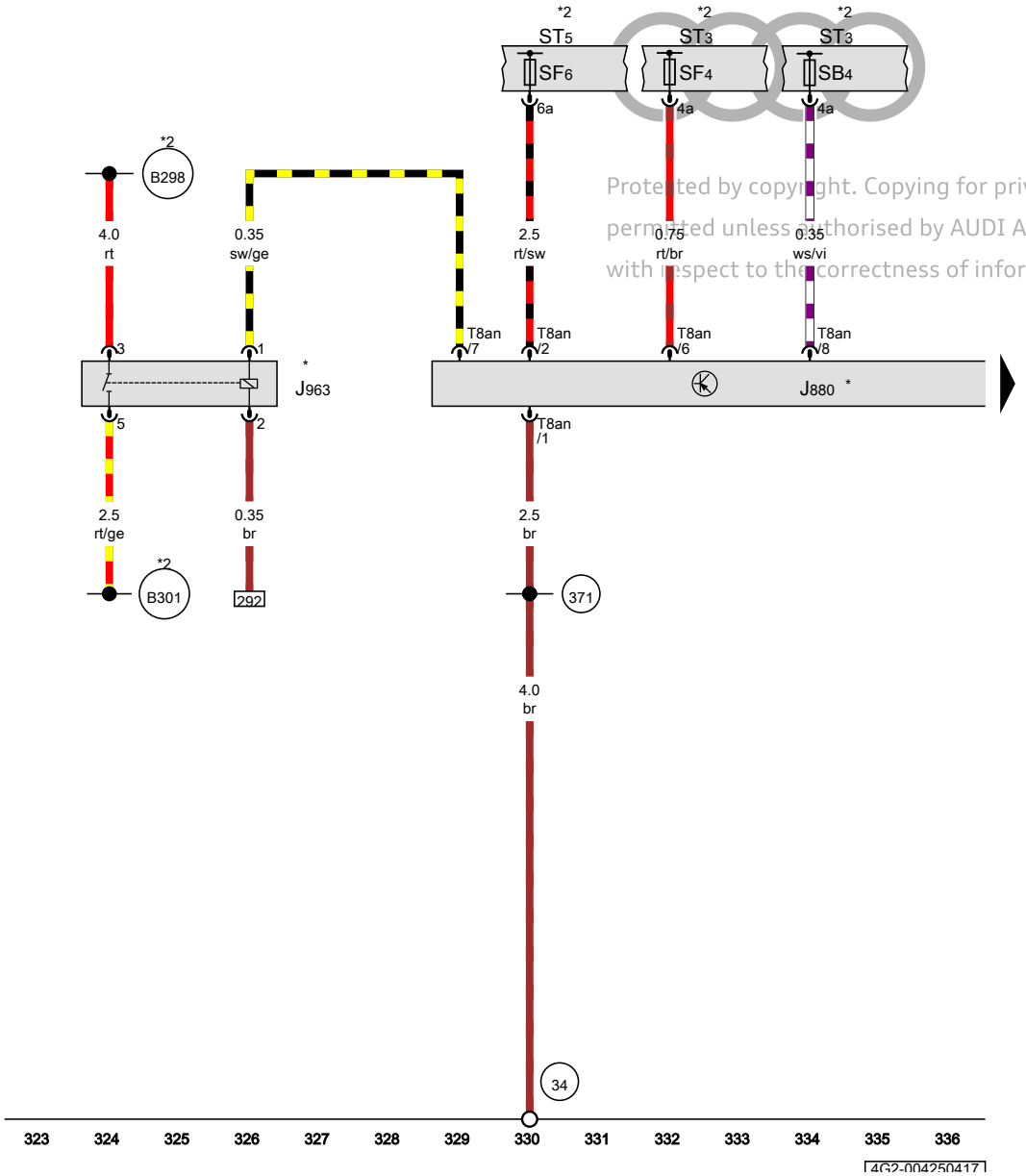
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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bh	4-pin connector, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	From June 2011



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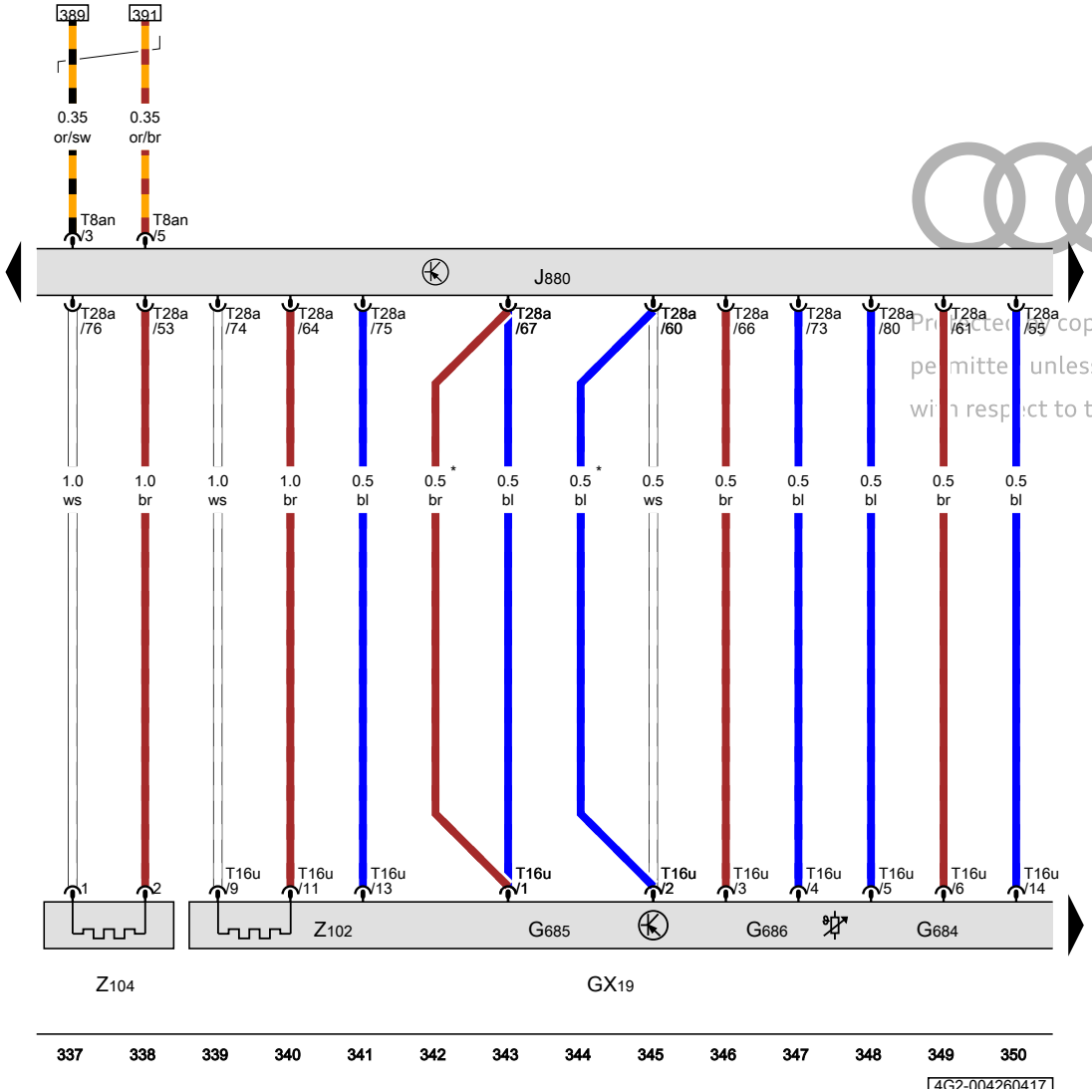
Control unit for reducing agent metering system, Relay for reducing agent metering system

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
T8an	8-pin connector
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	Only models with Euro 6 emission standard
*2	see applicable current flow diagram for fuse assignment

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rt	=	red
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Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Control unit for reducing agent metering system, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2)

GX19	Delivery unit for reducing agent metering system
G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T8an	8-pin connector
T16u	16-pin connector
T28a	28-pin connector
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)
*	gradual introduction



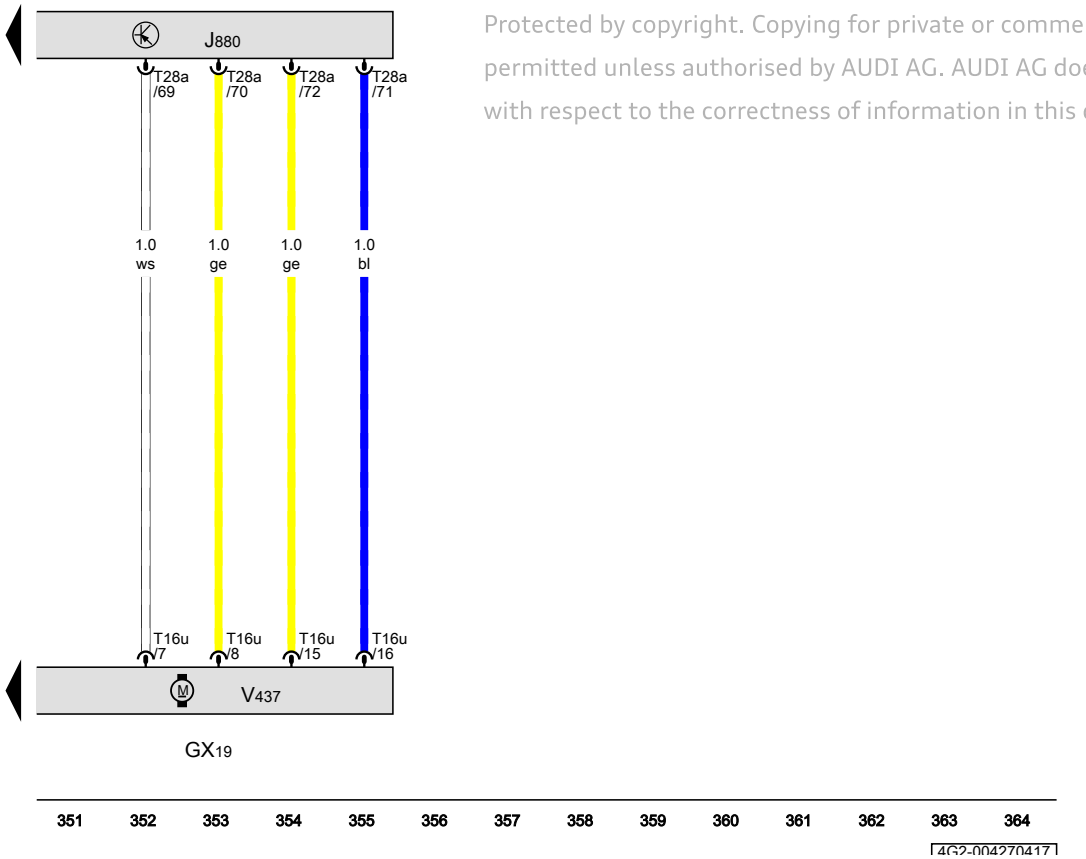
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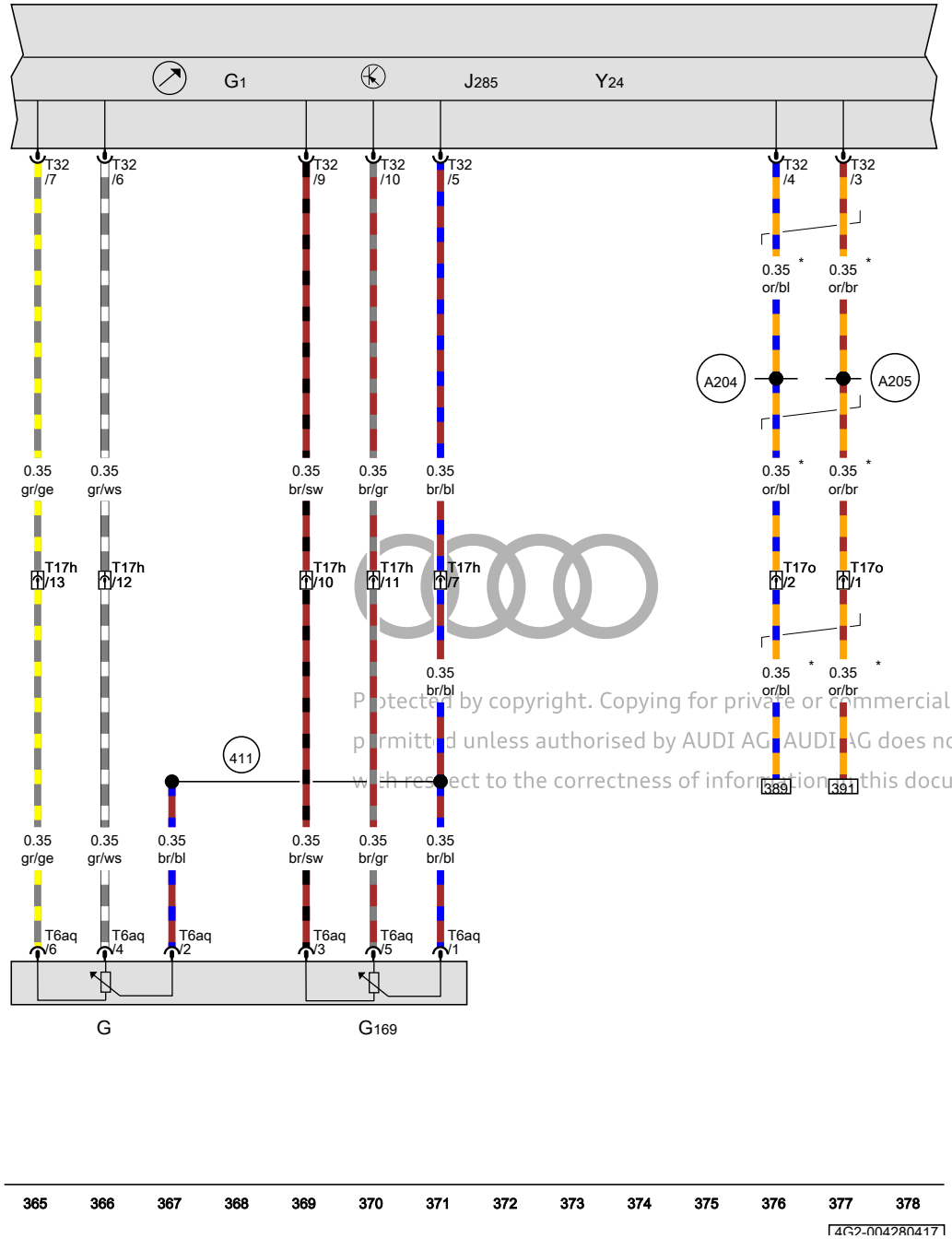
Control unit for reducing agent metering system, Pump for reducing agent

GX19	Delivery unit for reducing agent metering system
J880	Control unit for reducing agent metering system
T16u	16-pin connector
T28a	28-pin connector
V437	Pump for reducing agent

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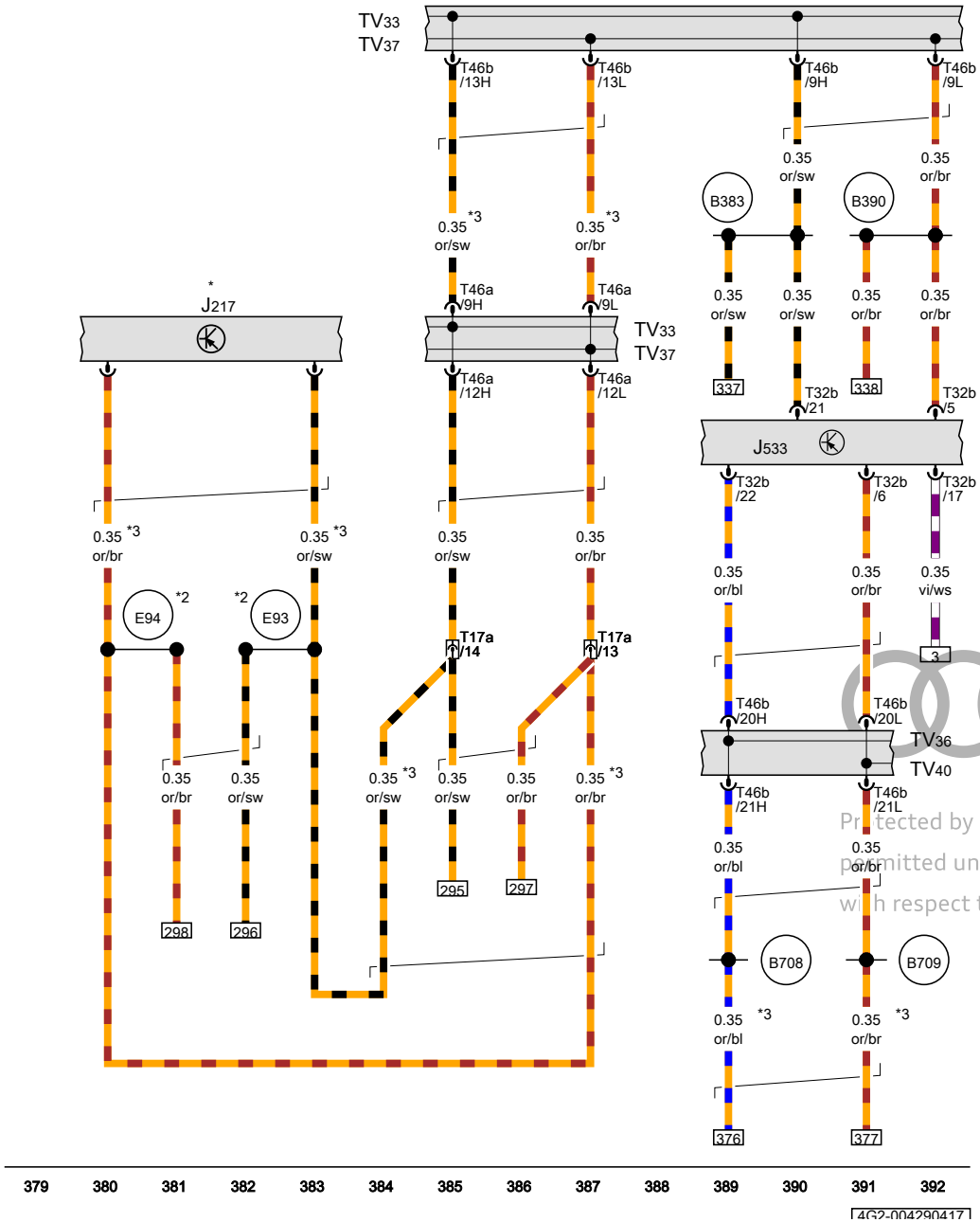


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector, black
T46b	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with automatic gearbox
*3	Data bus wire (CAN bus)

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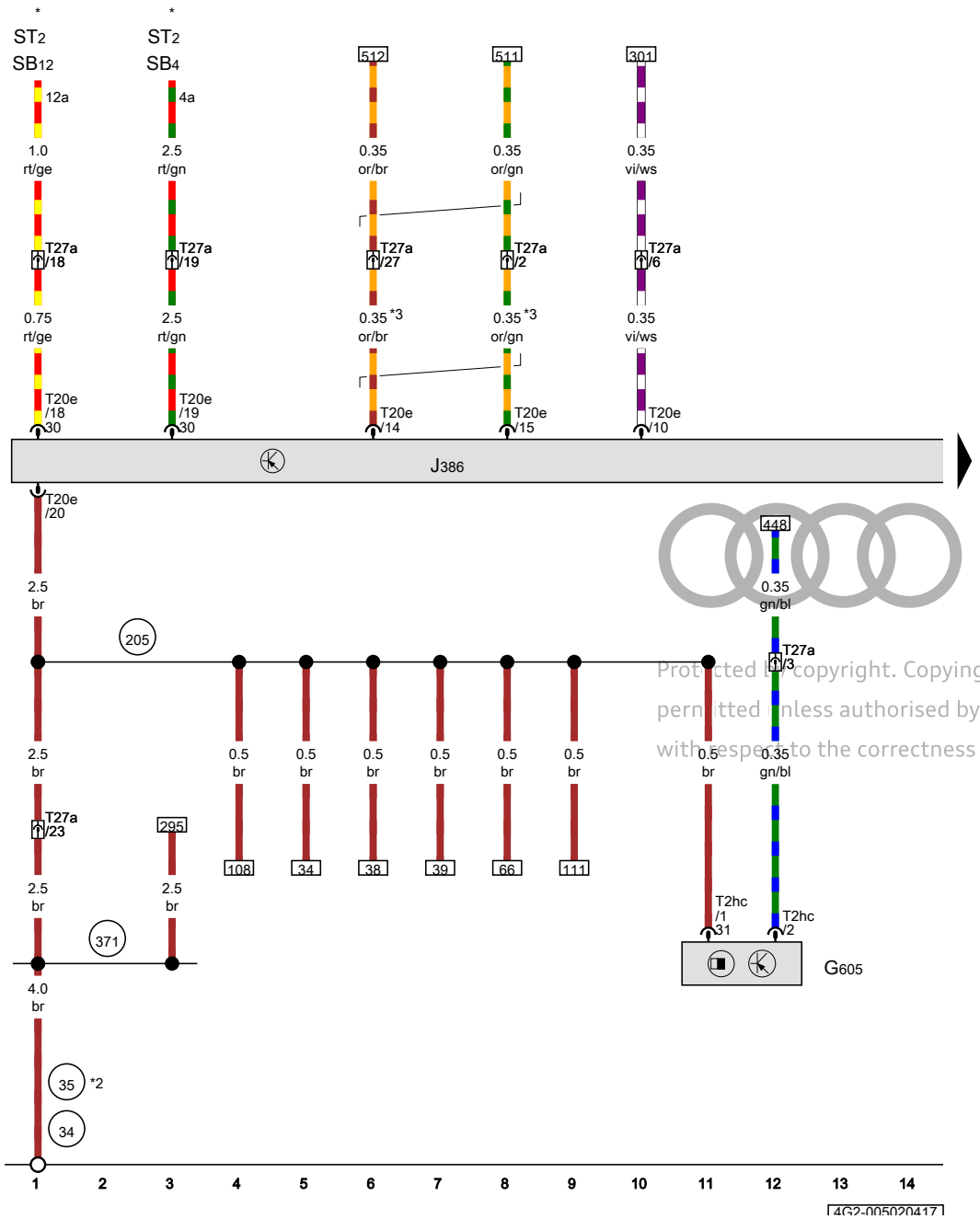
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Convenience system , (L0L)

From January 2011

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Contact sensor for front left exterior door handle, Driver door control unit



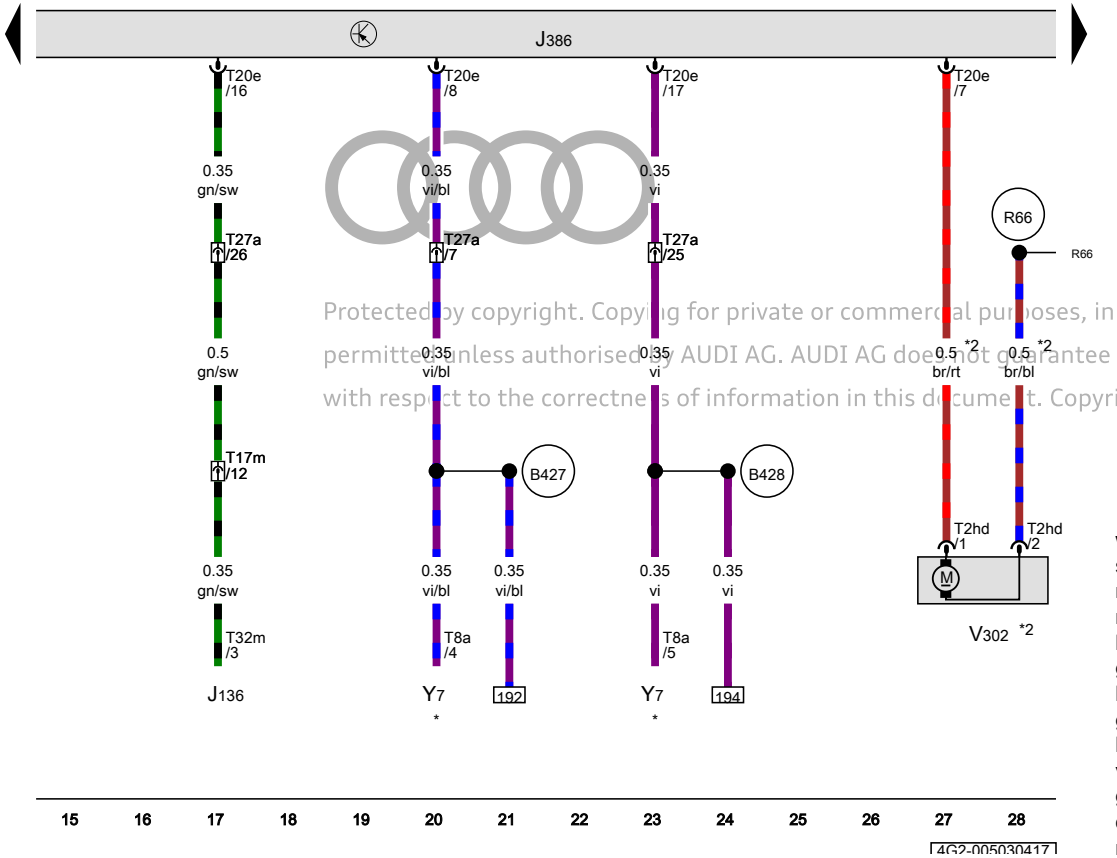
G605	Contact sensor for front left exterior door handle
J386	Driver door control unit
ST2	Fuse carrier 2
SB4	Fuse 4 on fuse holder B
SB12	Fuse 12 on fuse holder B
T2hc	2-pin connector
T20e	20-pin connector
T27a	27-pin connector, in left A-pillar
34	Earth point, under driver seat
35	Earth point, under front passenger seat
205	Earth connection, in driver door wiring harness
371	Earth connection 6, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models
*3	Data bus wire (CAN bus)

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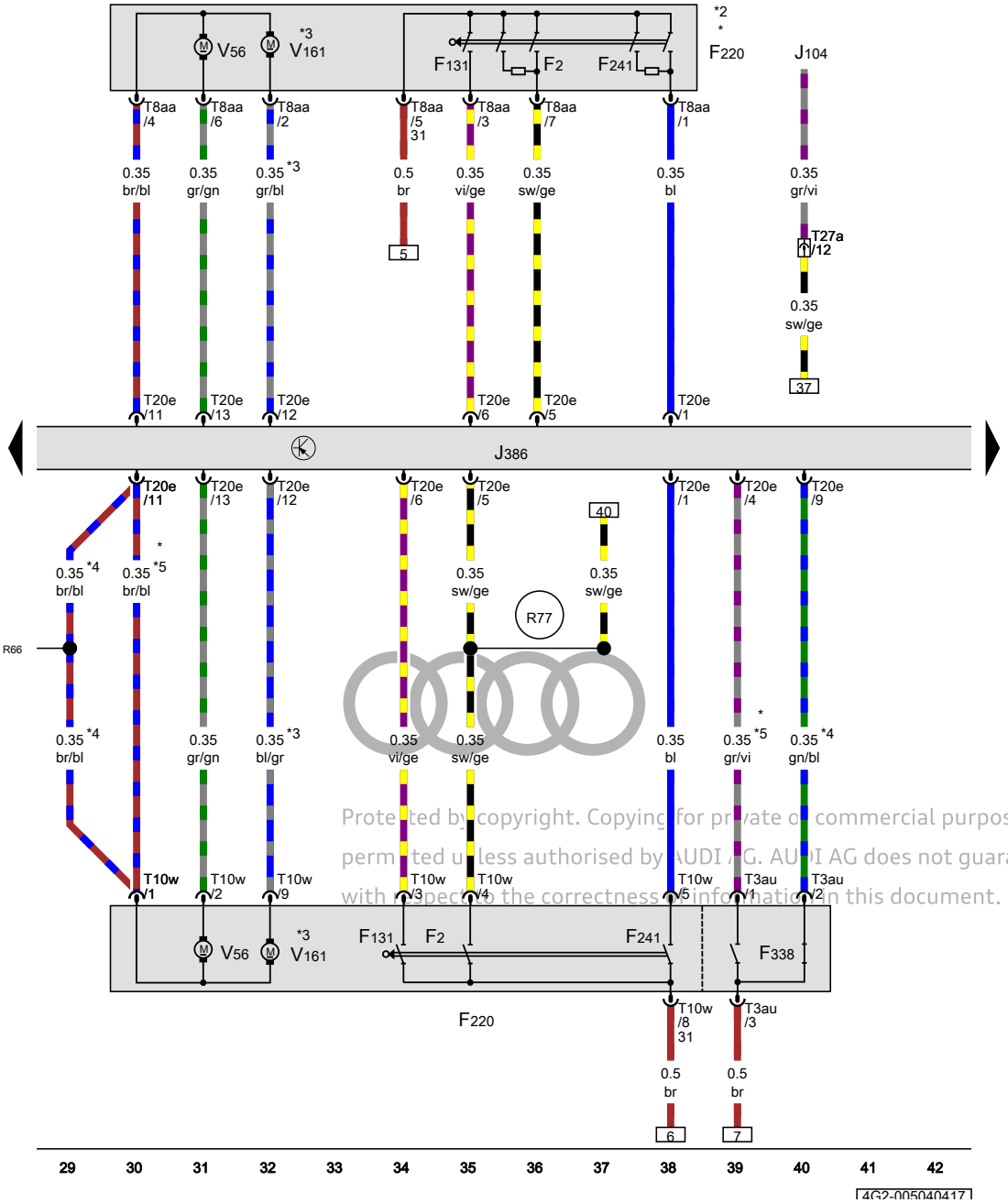
Driver door control unit, Driver door power latching motor

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
T2hd	2-pin connector
T8a	8-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T20e	20-pin connector
T27a	27-pin connector, in left A-pillar
T32m	32-pin connector
V302	Driver door power latching motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
R66	Positive connection (central locking), in driver door wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with power latching system



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Driver side central locking lock unit, Driver door control unit

F2	Driver door contact switch
F131	Front left central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
F338	Driver door power latching system contact switch
J104	ABS control unit
J386	Driver door control unit
T3au	3-pin connector
T8aa	8-pin connector
T10w	10-pin connector
T20e	20-pin connector
T27a	27-pin connector, in left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
R66	Positive connection (central locking), in driver door wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	For models with adaptive cruise control (ACC)

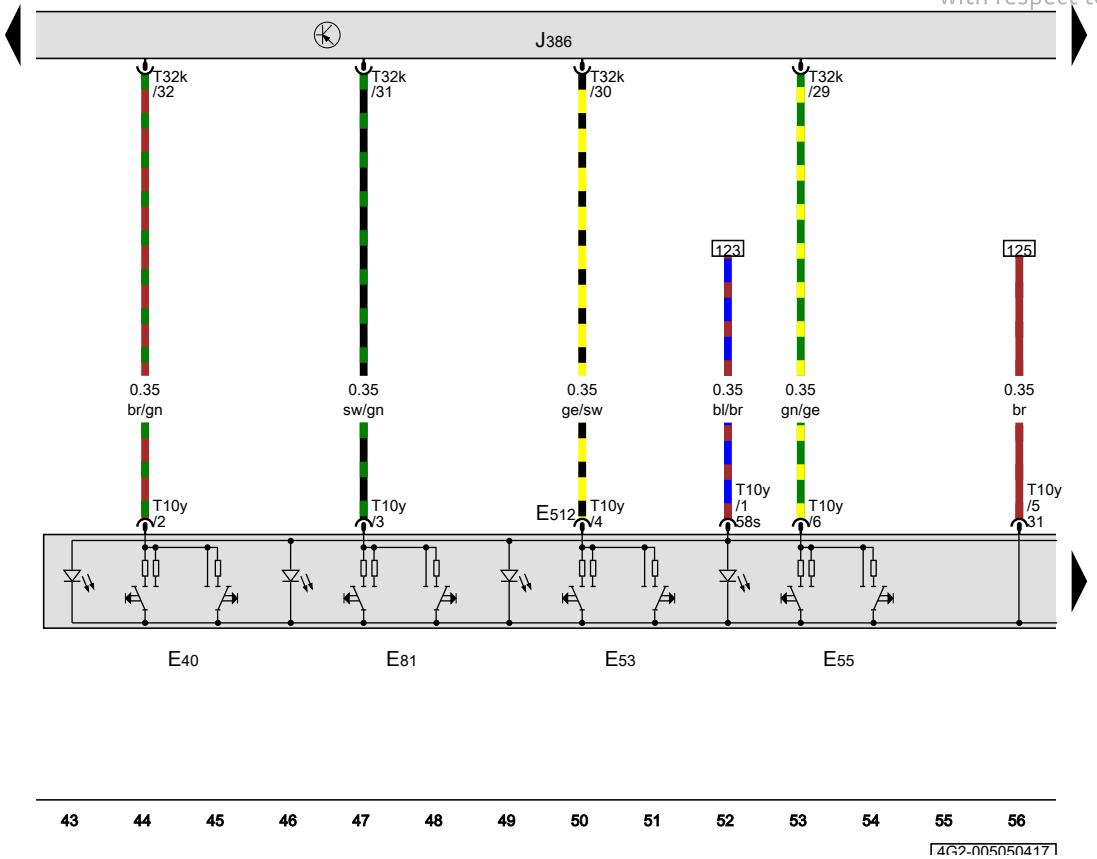
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Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10y	10-pin connector
T32k	32-pin connector

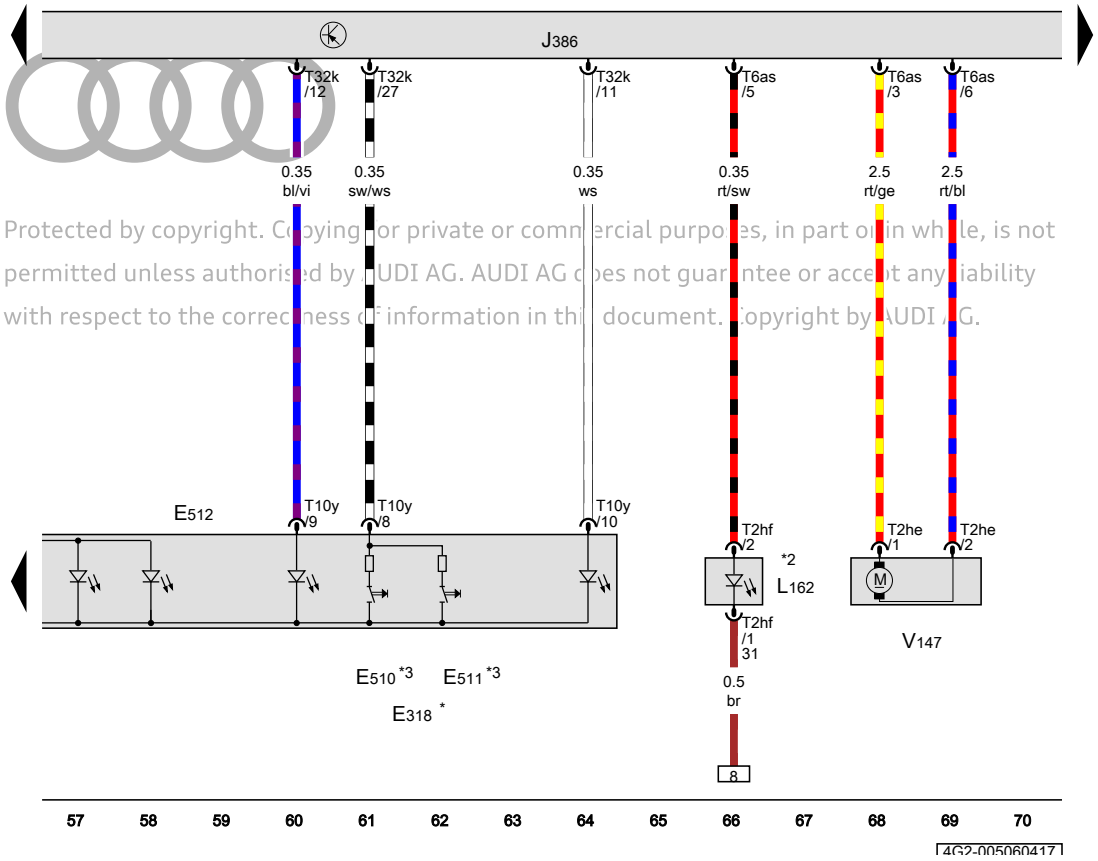
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Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Front left door exterior handle illumination bulb, Driver side window regulator motor

E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L162	Front left door exterior handle illumination bulb
T2he	2-pin connector
T2hf	2-pin connector
T6as	6-pin connector
T10y	10-pin connector
T32k	32-pin connector
V147	Driver side window regulator motor
*	Only models with no childproof locks
*2	Only models with additional lights
*3	Only models with childproof locks



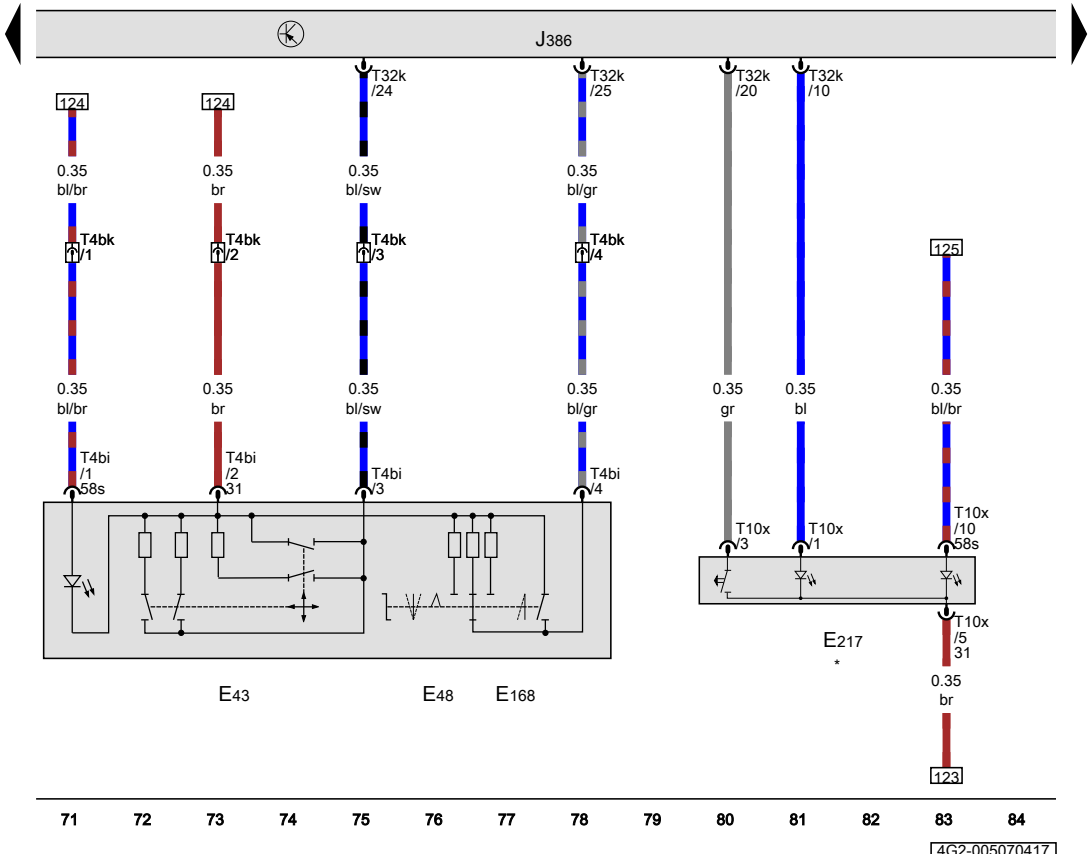
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Mirror adjustment switch, Alarm system off switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E217	Alarm system off switch
J386	Driver door control unit
T4bi	4-pin connector
T4bk	4-pin connector, in front left door
T10x	10-pin connector
T32k	32-pin connector
*	Only models with anti-theft alarm system and interior monitor and tow-away protection

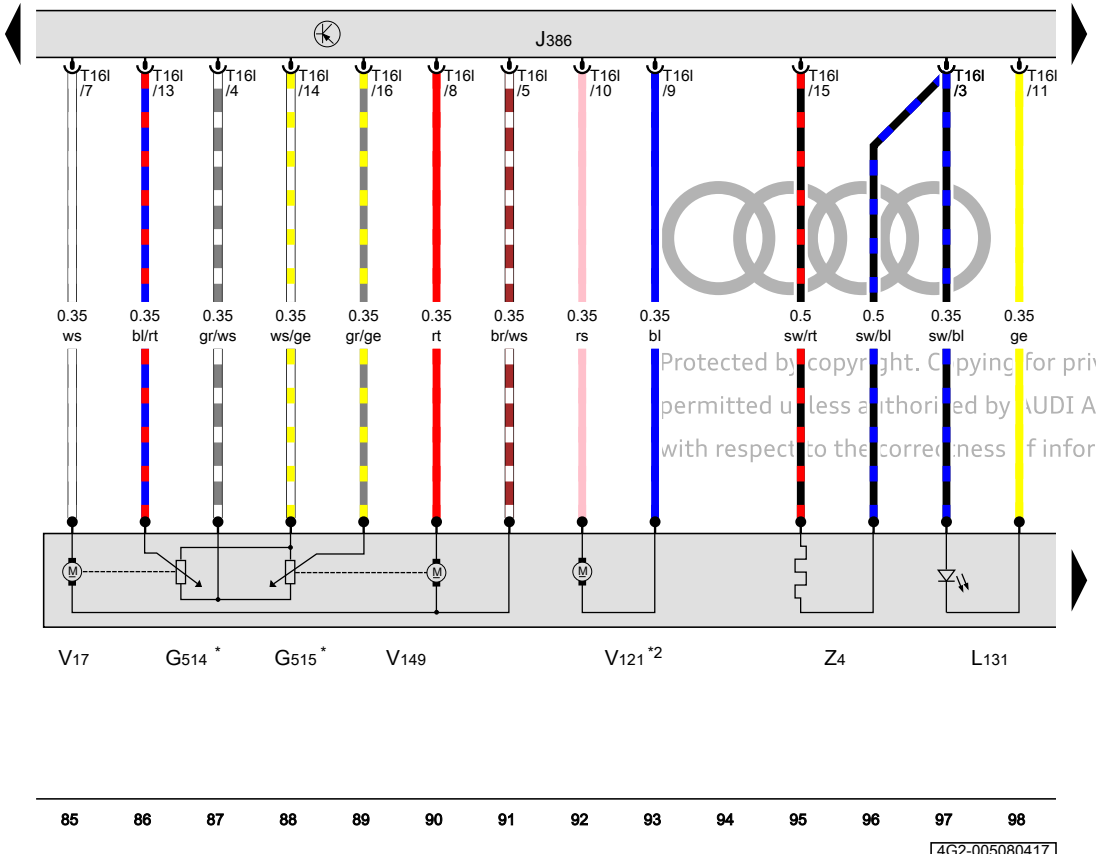
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Driver door control unit, Driver side mirror adjustment motor 2

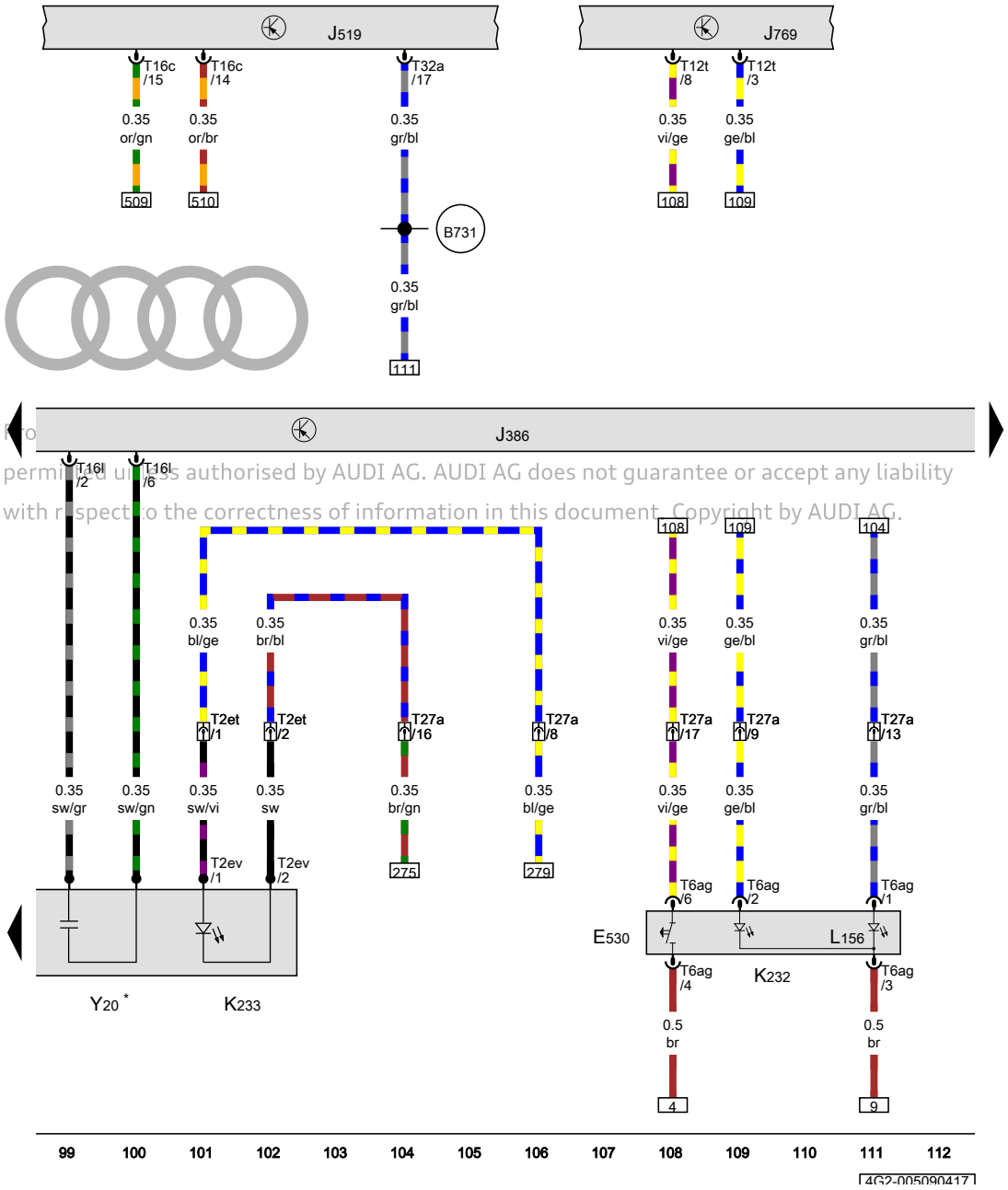
G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T16l	16-pin connector
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
*	Optional equipment
*2	Only models with fold-in mirror



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Button for lane change assist, Driver door control unit, Lane change assist warning lamp in driver side exterior mirror



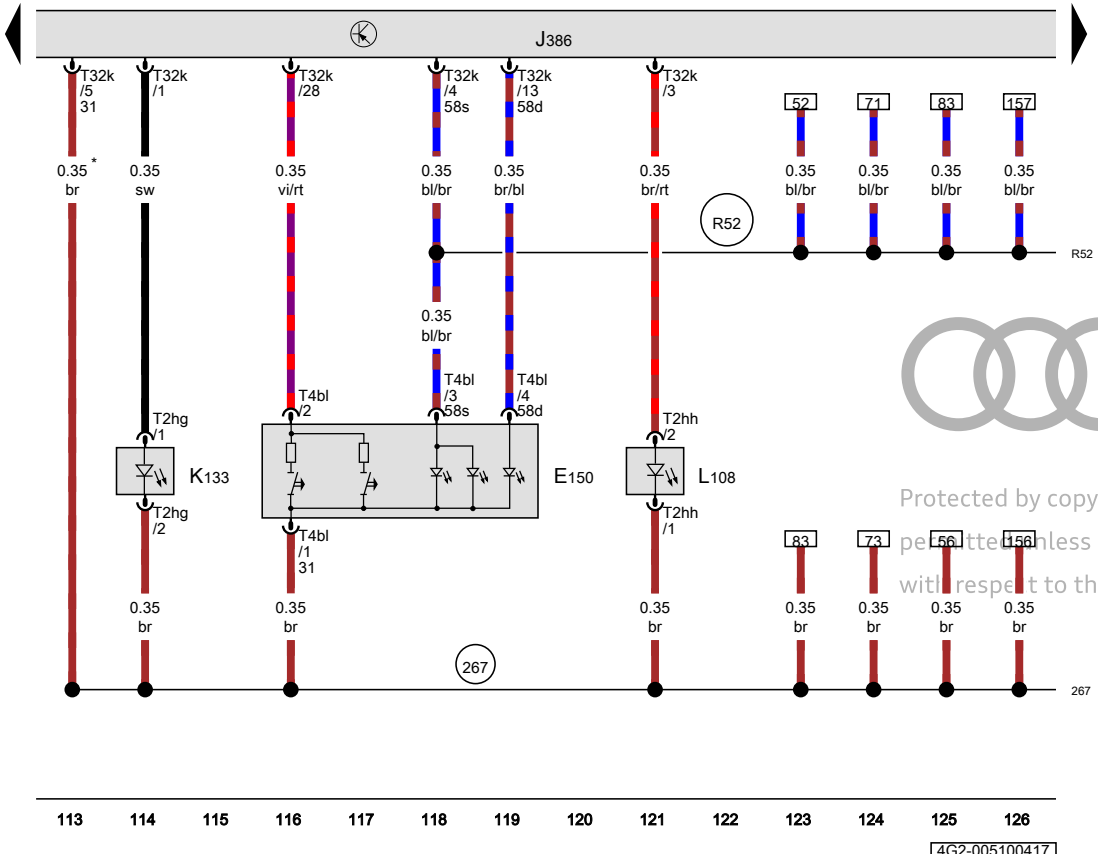
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E530	Button for lane change assist
J386	Driver door control unit
J519	Onboard supply control unit
J769	Lane change assist control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L156	Switch illumination bulb
T2et	2-pin connector, in driver door
T2ev	2-pin connector
T6ag	6-pin connector
T12t	12-pin connector
T16c	16-pin connector
T16l	16-pin connector
T27a	27-pin connector, in left A-pillar
T32a	32-pin connector
Y20	Automatic anti-dazzle exterior mirror, driver side
B731	Connection 1 (58s), in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror

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Driver side interior locking switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb

E150	Driver side interior locking switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
T2hg	2-pin connector
T2hh	2-pin connector
T4bl	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Output for switch earth



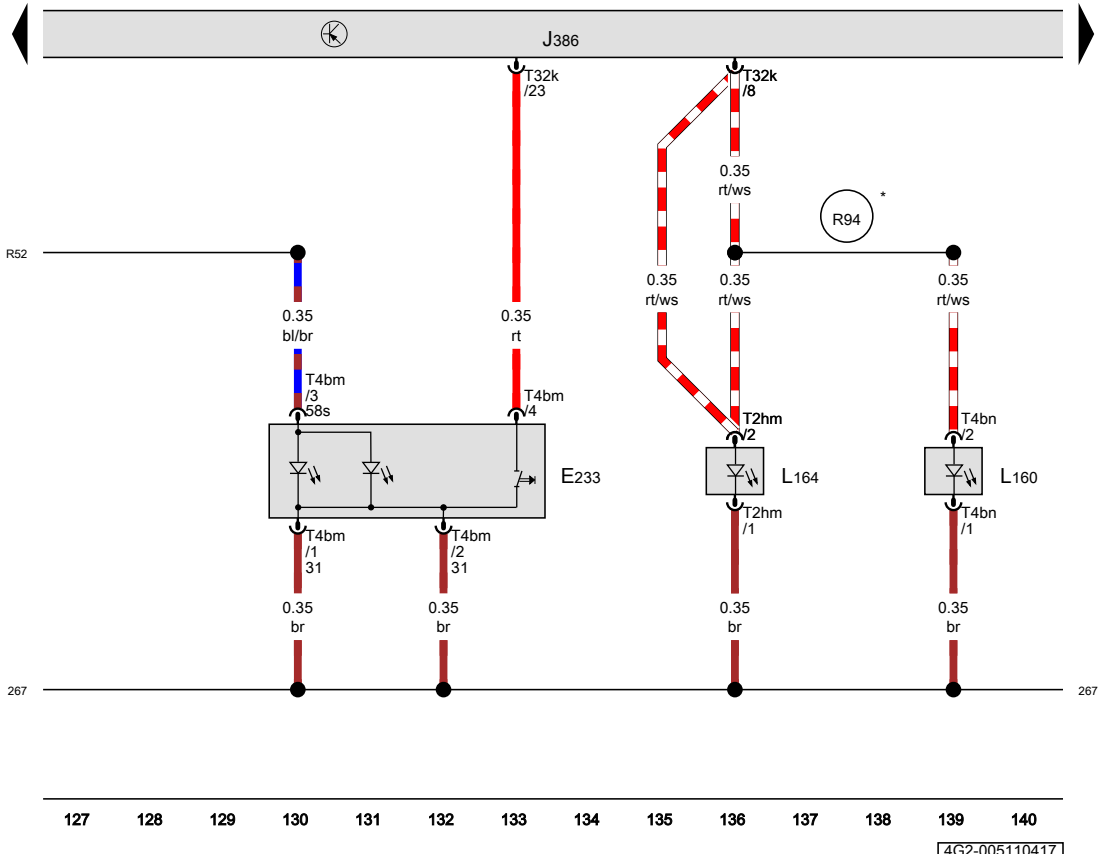
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Rear lid remote release button, Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb

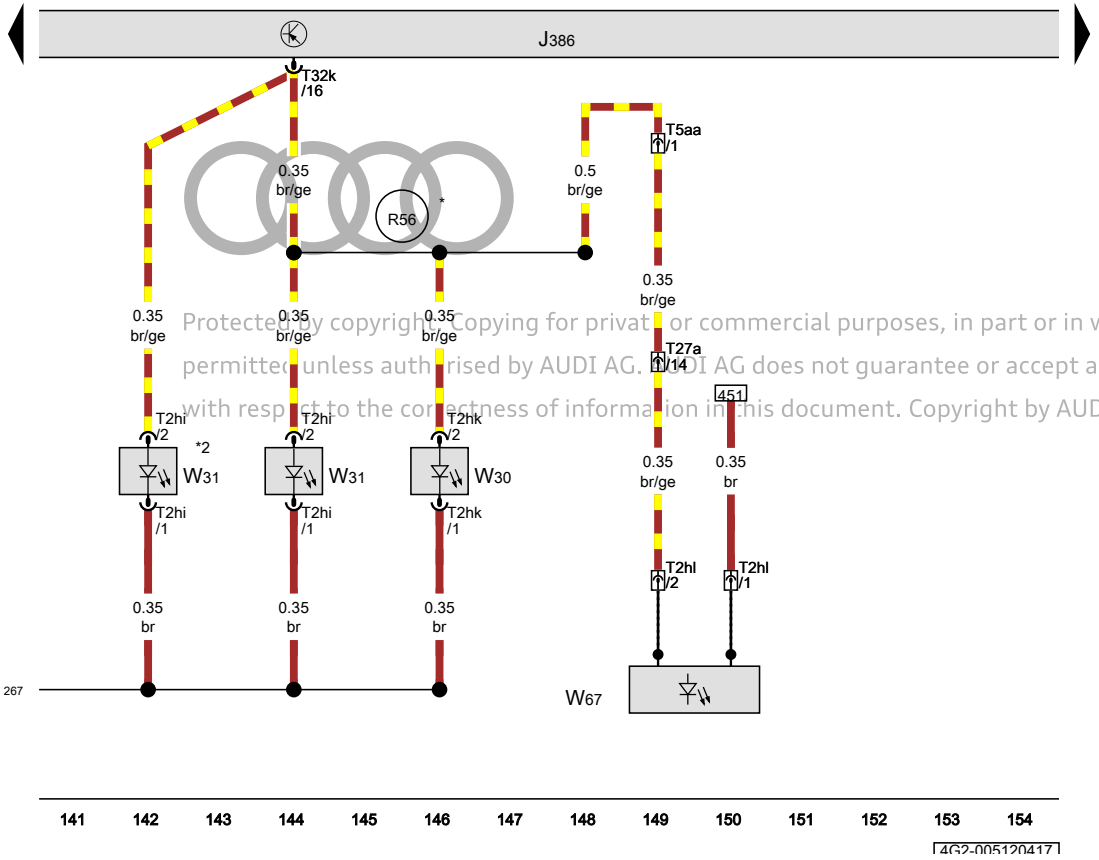
E233	Rear lid remote release button
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2hm	2-pin connector
T4bm	4-pin connector
T4bn	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights



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Driver door control unit, Driver side door warning lamp, Front left entry light, Light conductor for front left sill panel moulding ambient lighting

J386	Driver door control unit
T2hi	2-pin connector
T2hk	2-pin connector
T2hl	2-pin connector
T5aa	5-pin connector, in front left door
T27a	27-pin connector, on left A-pillar
T32k	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
W67	Light conductor for front left sill panel moulding ambient lighting
267	Earth connection 2, in drive side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	Only models with additional lights
*2	Only models with no additional lights

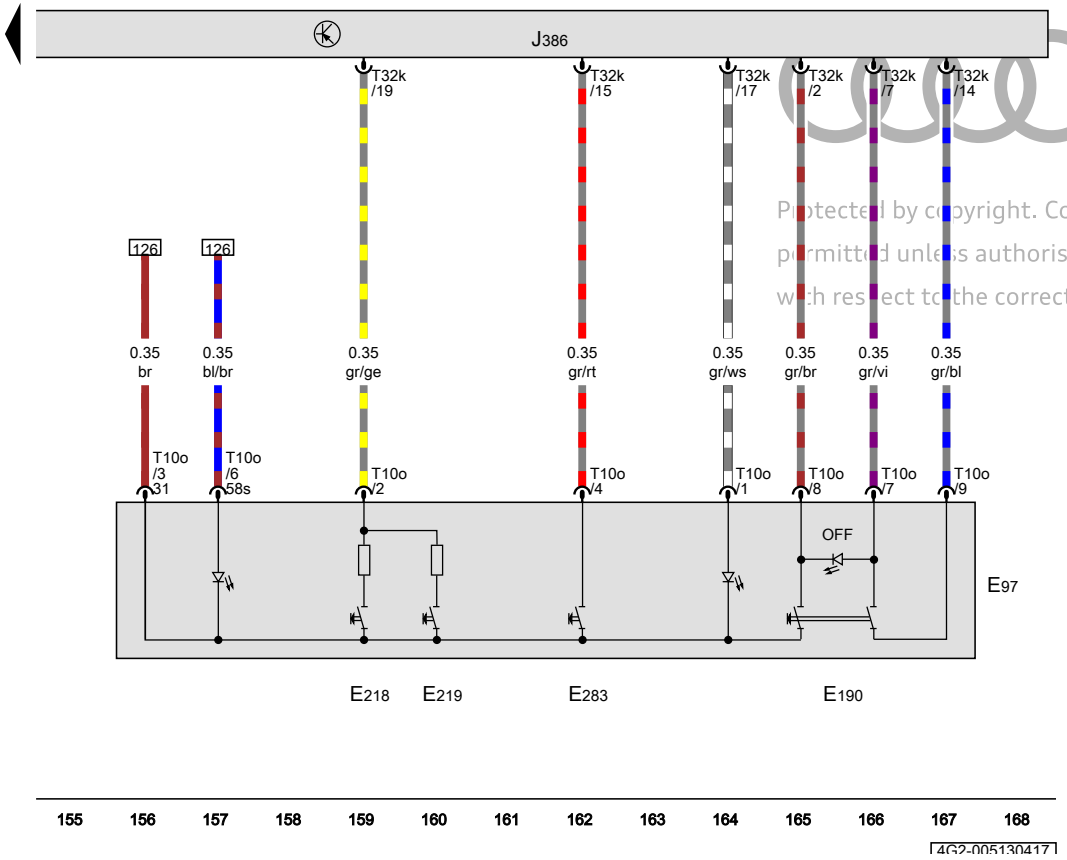


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Driver seat memory operating unit, Emergency-off button, Seat memory position button 1, Driver seat memory function button, Driver door control unit

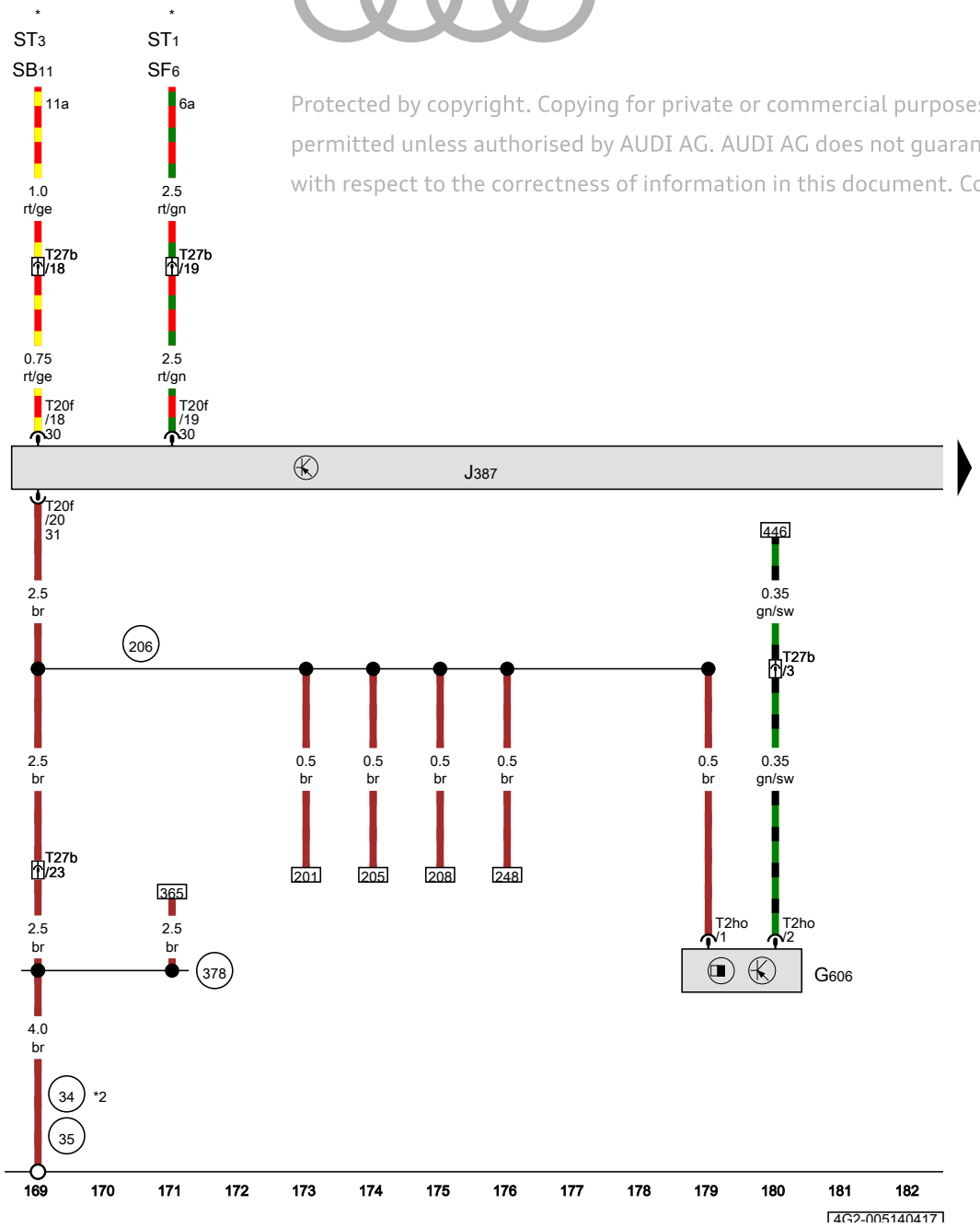
E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T32k	32-pin connector



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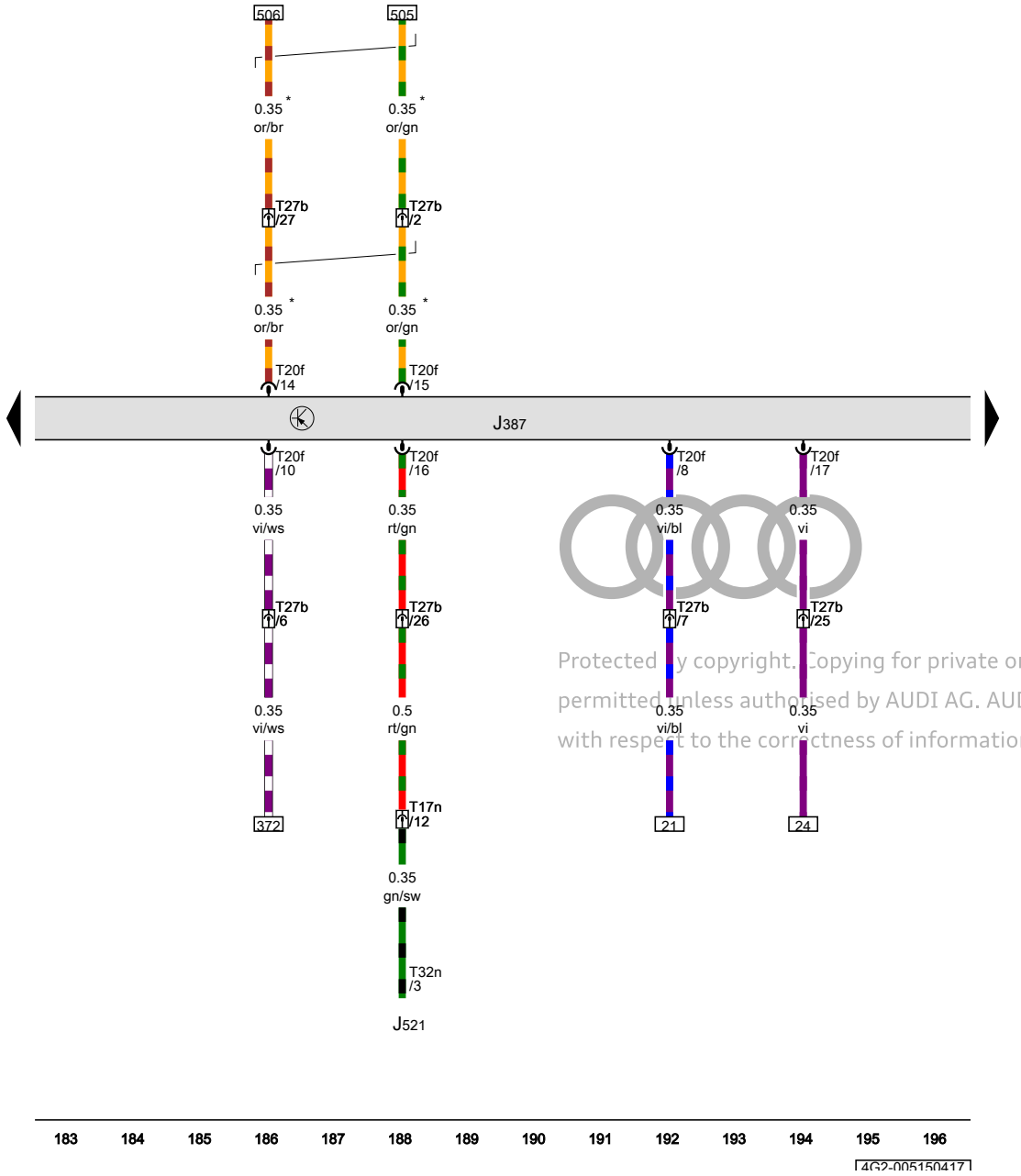
Contact sensor for front right exterior door handle, Front passenger door control unit

G606	Contact sensor for front right exterior door handle
J387	Front passenger door control unit
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SF6	Fuse 6 in fuse holder F
SB11	Fuse 11 on fuse holder B
T2ho	2-pin connector
T20f	20-pin connector
T27b	27-pin connector, in right A-pillar
34	Earth point, under driver seat
35	Earth point, under front passenger seat
206	Earth connection, in front passenger door wiring harness
378	Earth connection 13, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models

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Front passenger door control unit

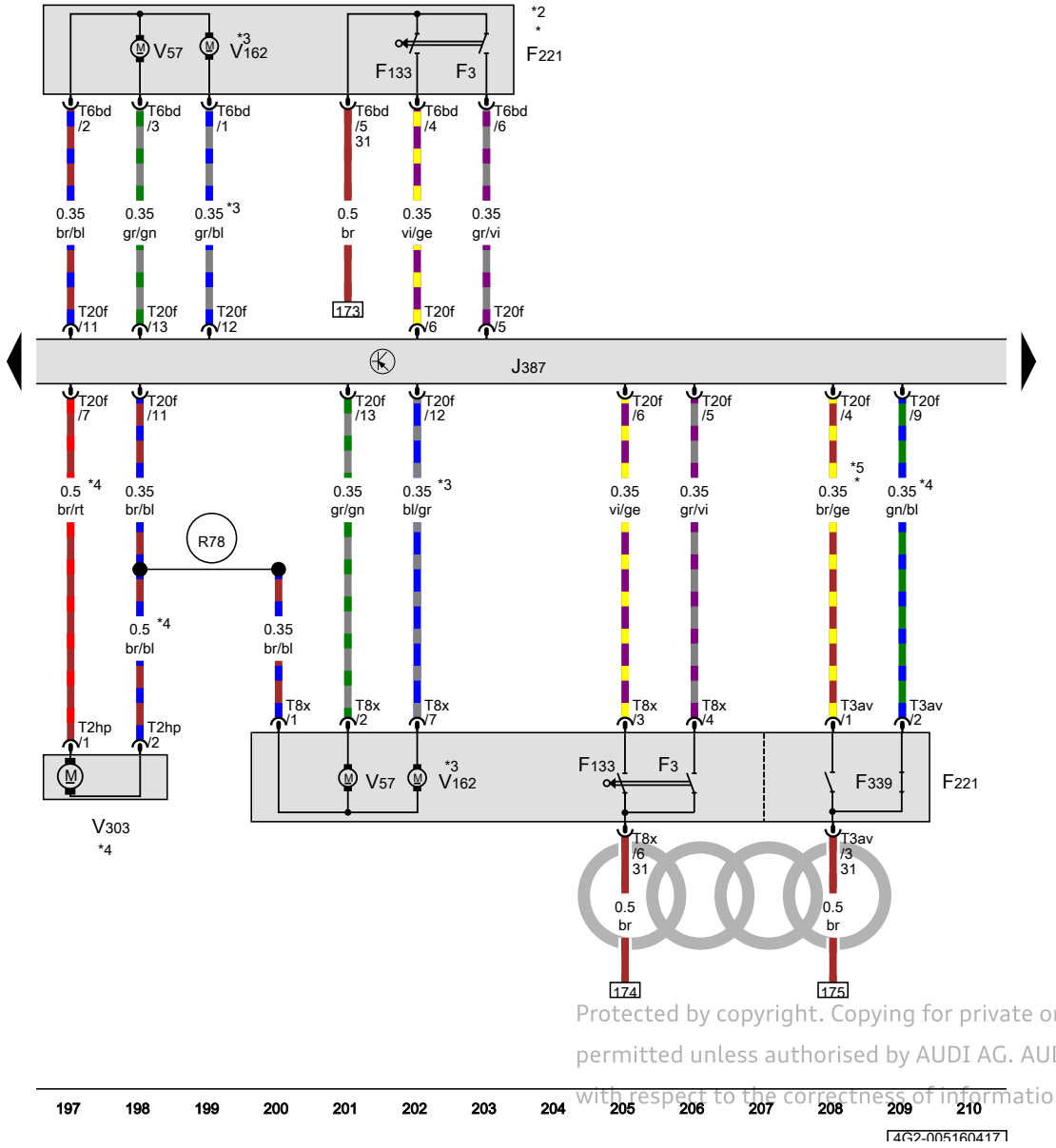
J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
T17n	17-pin connector, in coupling point for front seat, right
T20f	20-pin connector
T27b	27-pin connector, in right A-pillar
T32n	32-pin connector
*	Data bus wire (CAN bus)



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Front passenger side central locking lock unit, Front passenger door control unit, Front passenger door power latching motor



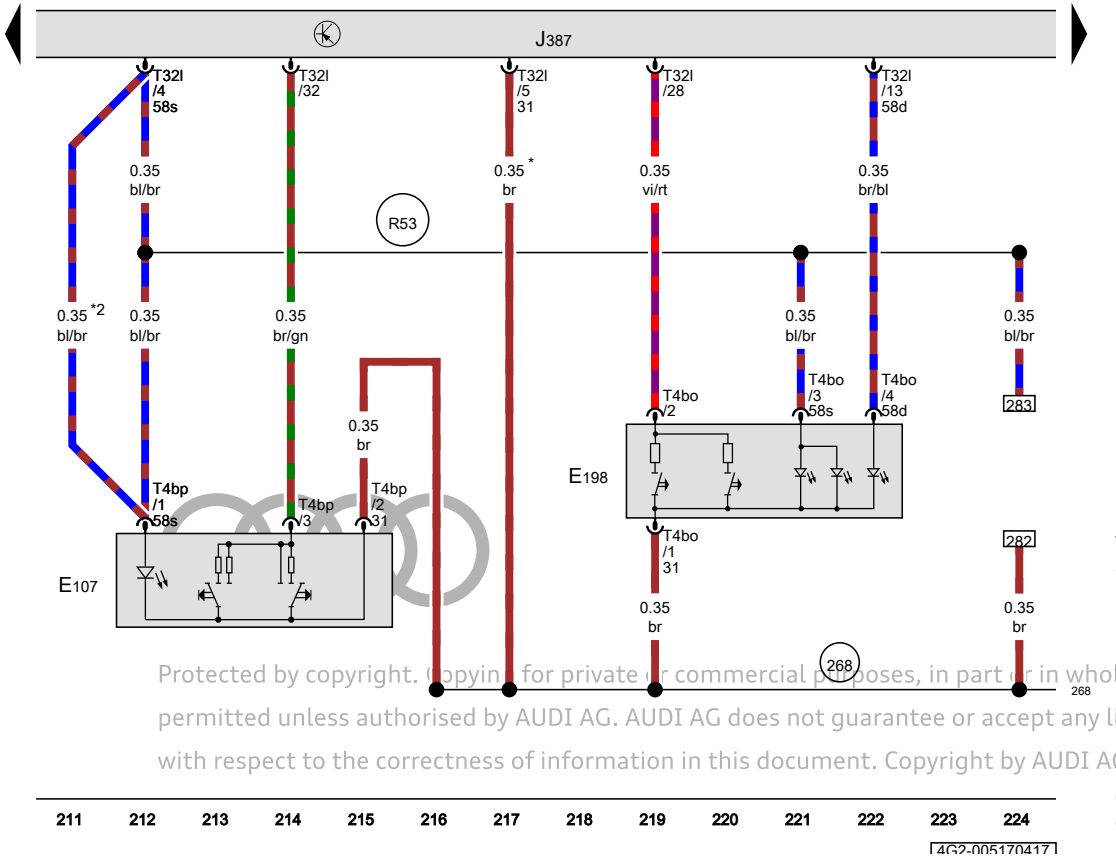
F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
F339	Front passenger door power latching system contact switch
J387	Front passenger door control unit
T2hp	2-pin connector
T3av	3-pin connector
T6bd	6-pin connector
T8x	8-pin connector
T20f	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
V303	Front passenger door power latching motor
R78	Connection 1 (door contact switch), in passenger side door wiring harness
*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	For models with adaptive cruise control (ACC)

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Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
T4bo	4-pin connector
T4bp	4-pin connector
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Output for switch earth
*2	Electrically adjustable driver and front passenger seats with memory function



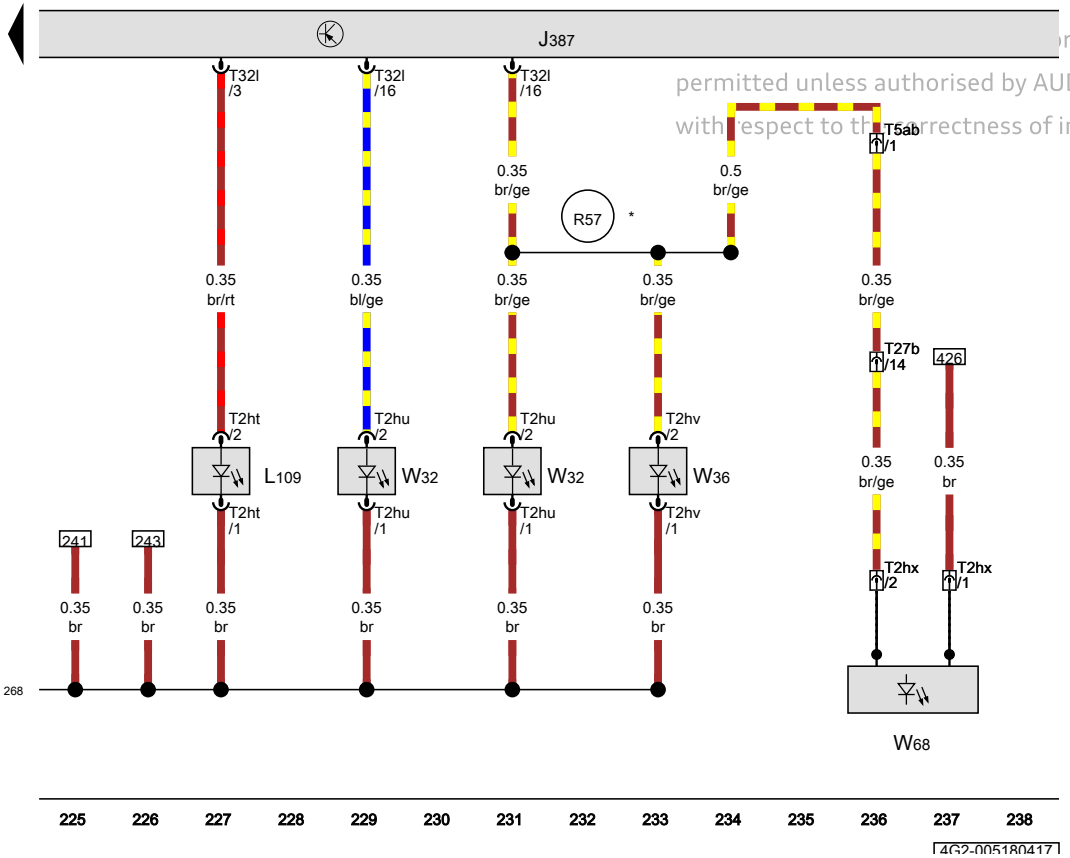
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Front passenger door control unit, Front passenger door opener illumination bulb, Front right entry light, Front passenger side door warning lamp, Light conductor for front right sill panel moulding ambient lighting

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T2ht	2-pin connector
T2hu	2-pin connector
T2hv	2-pin connector
T2hx	2-pin connector
T5ab	5-pin connector, in front right door
T27b	27-pin connector, on right A-pillar
T32l	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
W68	Light conductor for front right sill panel moulding ambient lighting
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	Only models with additional lights

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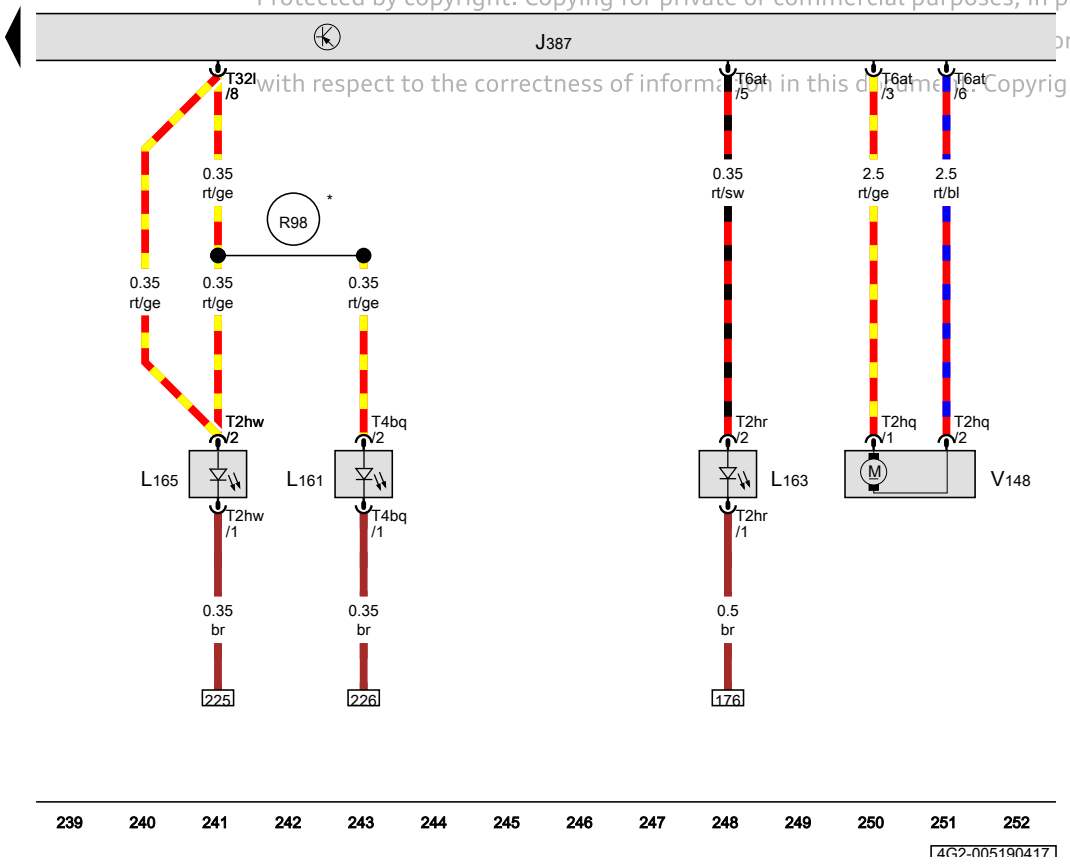


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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front right door exterior handle illumination bulb, Front passenger door ambient lighting bulb, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L163	Front right door exterior handle illumination bulb
L165	Front passenger door ambient lighting bulb
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T4bq	4-pin connector
T6at	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with no additional lights

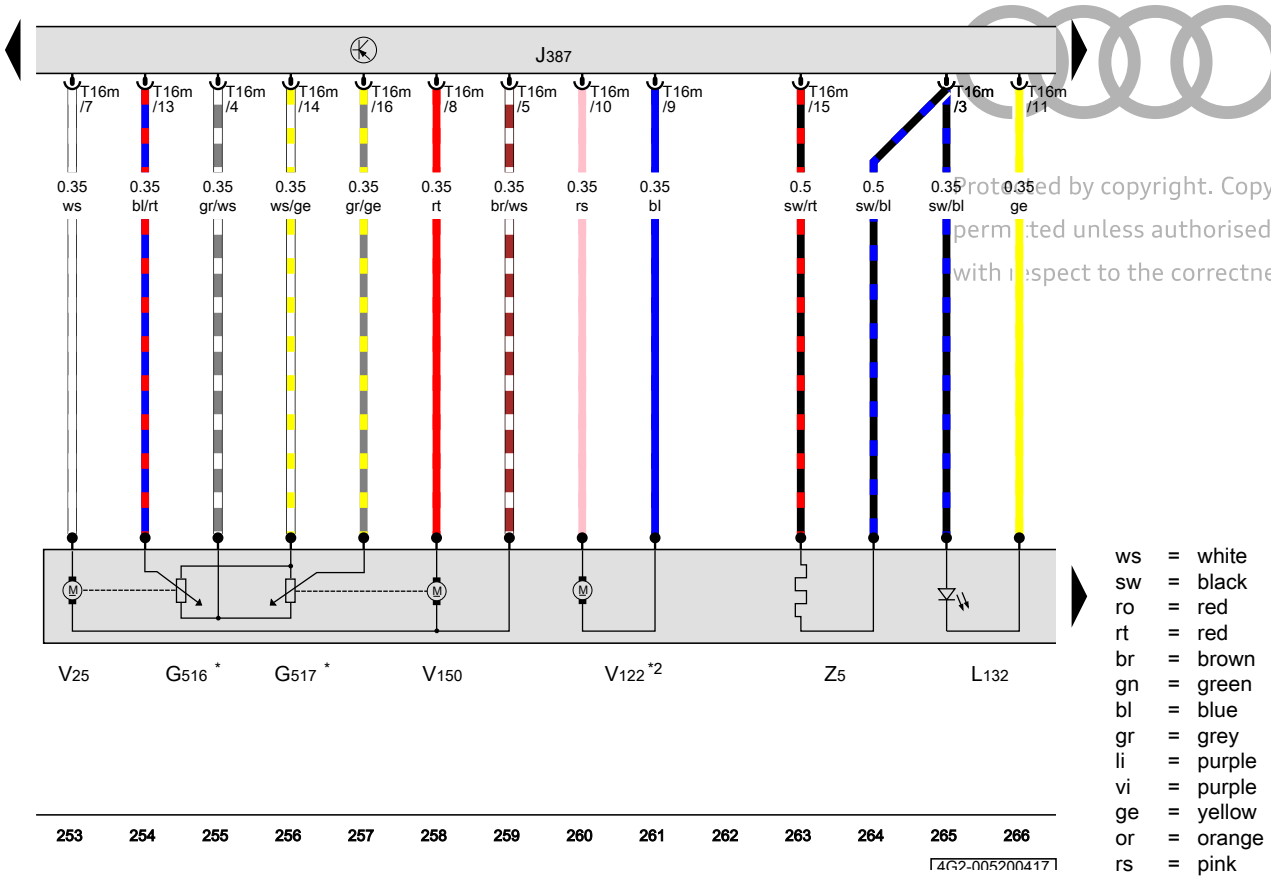
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Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Heated exterior mirror on passenger side

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16m	16-pin connector
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
*	Optional equipment
*2	Only models with fold-in mirror

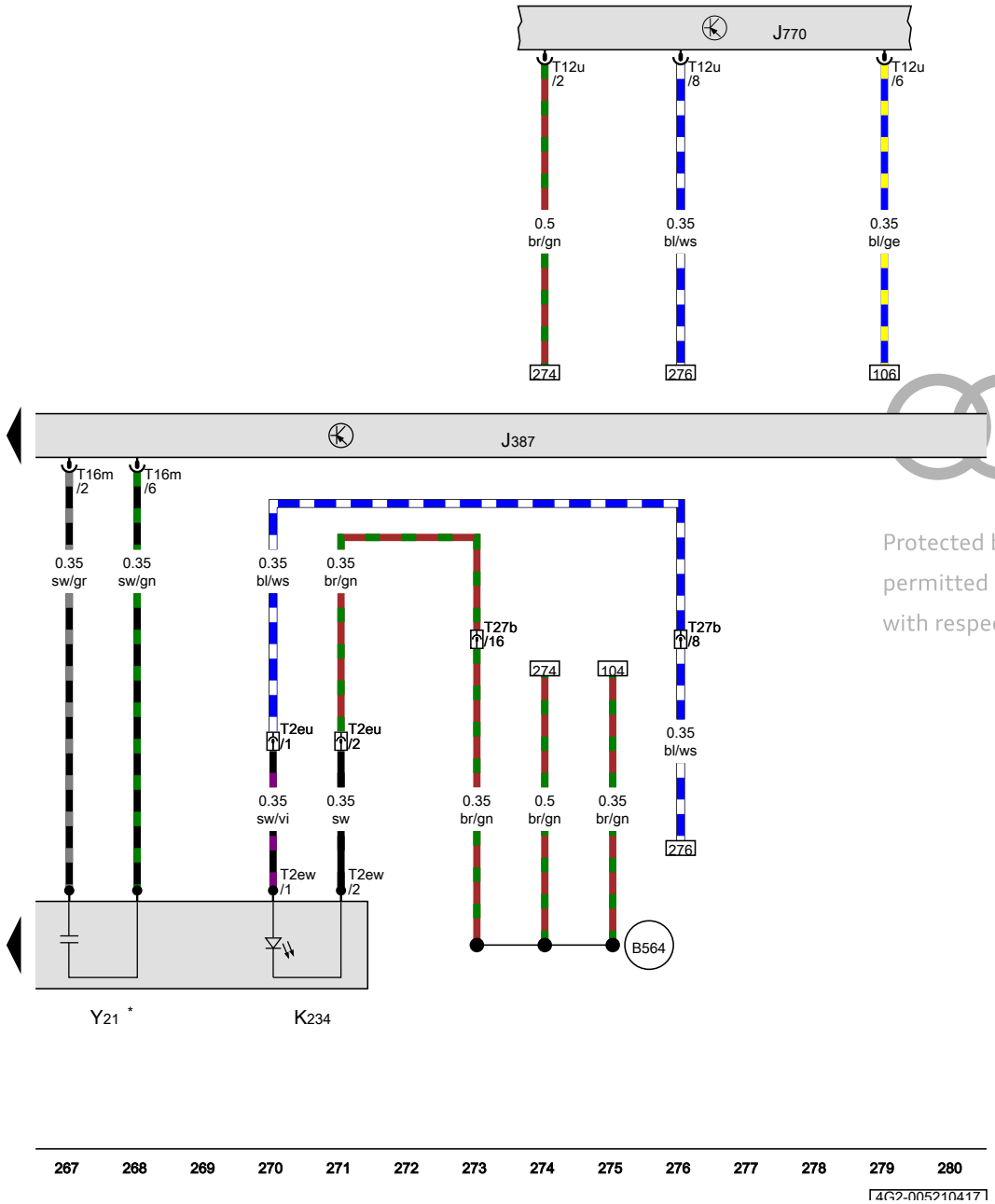


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Front passenger door control unit, Lane change assist control unit 2, Automatic anti-dazzle exterior mirror, passenger side

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
T2eu	2-pin connector, in front passenger door
T2ew	2-pin connector
T12u	12-pin connector
T16m	16-pin connector
T27b	27-pin connector, in right A-pillar
Y21	Automatic anti-dazzle exterior mirror, passenger side
B564	Connection 31, in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror

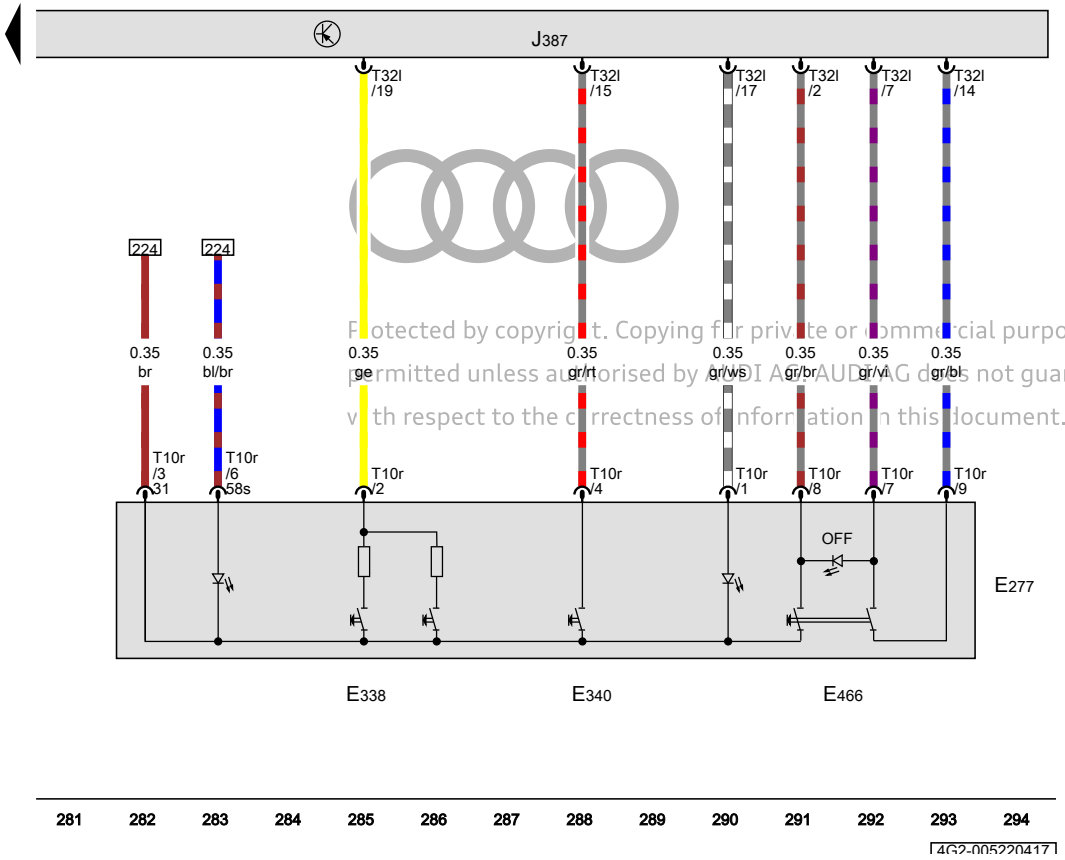


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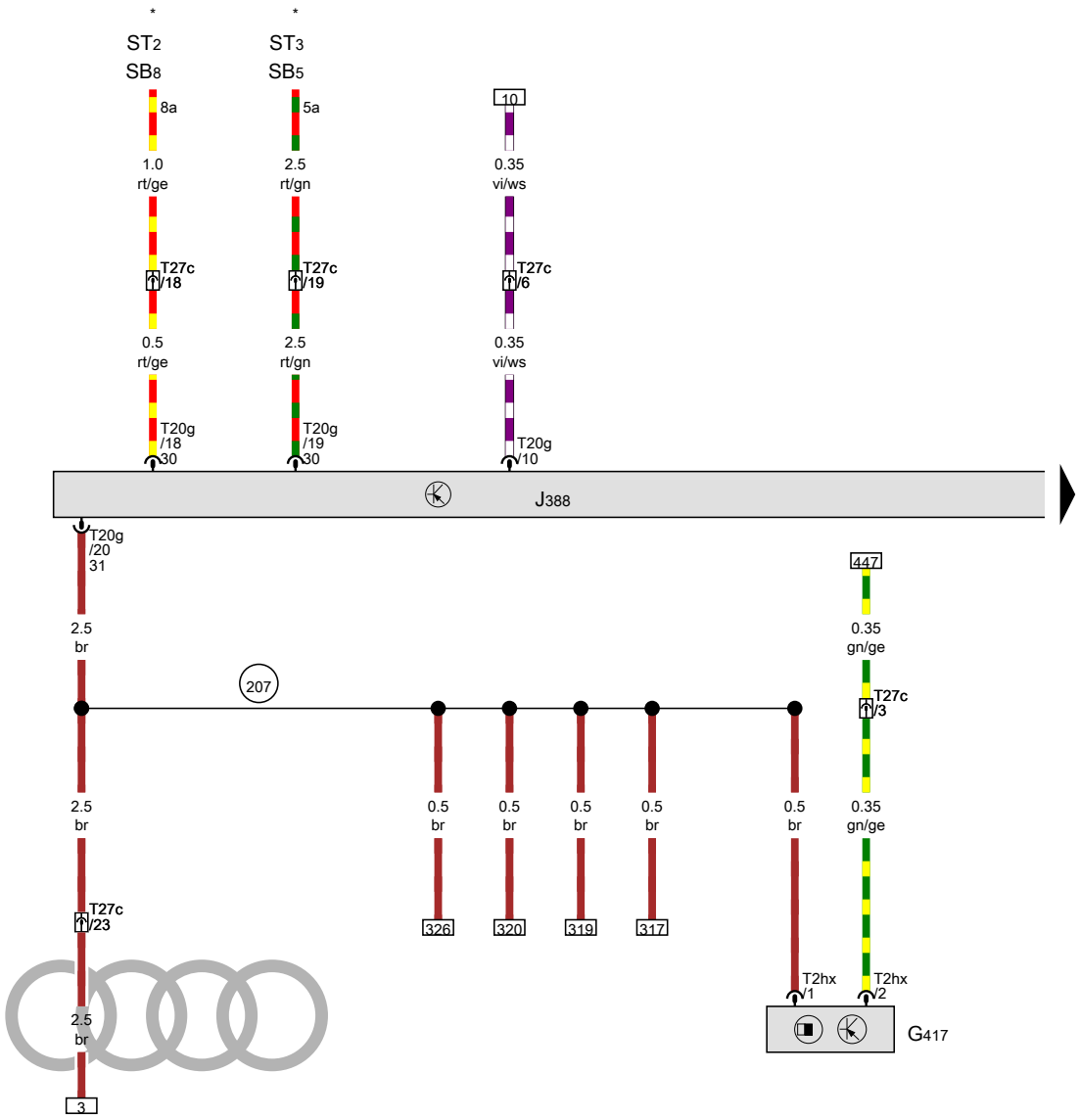
Front passenger seat memory operating unit, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T32l	32-pin connector



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Contact sensor for rear left exterior door handle, Rear left door control unit

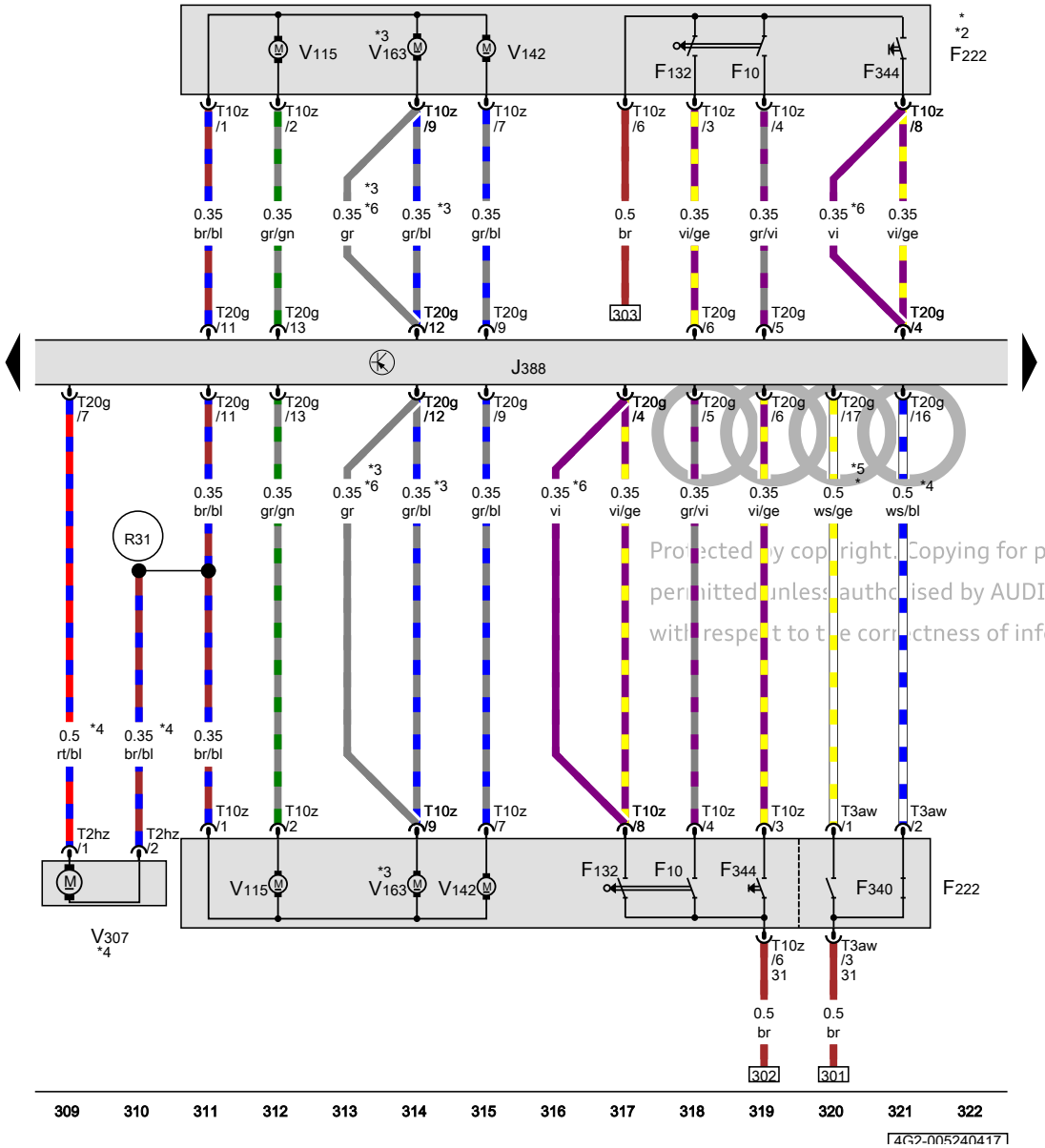
G417	Contact sensor for rear left exterior door handle
J388	Rear left door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2hx	2-pin connector
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
207	Earth connection, in rear left door wiring harness
*	see applicable current flow diagram for fuse assignment

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Rear left central locking lock unit, Rear left door control unit, Rear left power latching motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F340	Rear left door power latching system contact switch
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T2hz	2-pin connector
T3aw	3-pin connector
T10z	10-pin connector
T20g	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
V307	Rear left power latching motor
R31	Connection 1, in rear left door wiring harness

*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	For models with adaptive cruise control (ACC)
*6	From June 2011

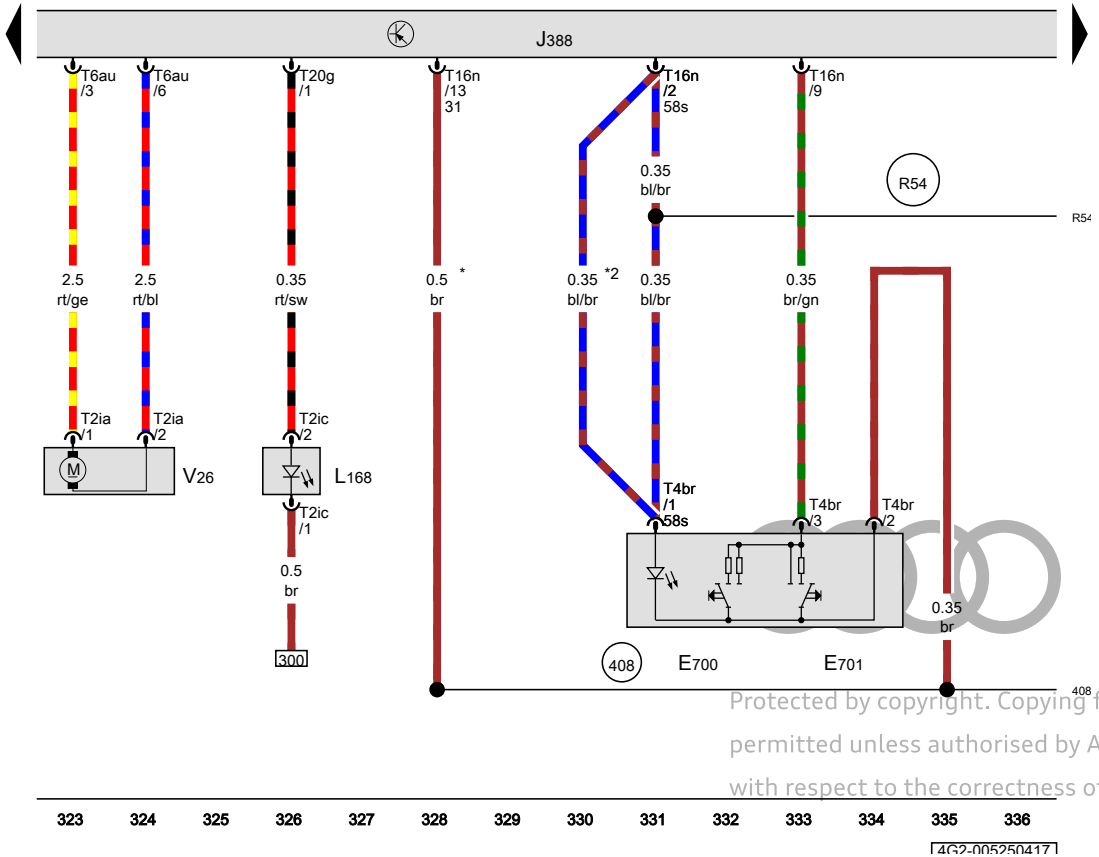


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Rear left window regulator button in rear left door, Rear left door control unit, Rear left exterior door handle illumination bulb, Rear left window regulator motor

E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
J388	Rear left door control unit
L168	Rear left exterior door handle illumination bulb
T2ia	2-pin connector
T2ic	2-pin connector
T4br	4-pin connector
T6au	6-pin connector
T16n	16-pin connector
T20g	20-pin connector
V26	Rear left window regulator motor
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Output for switch earth
*2	Only models with no additional lights

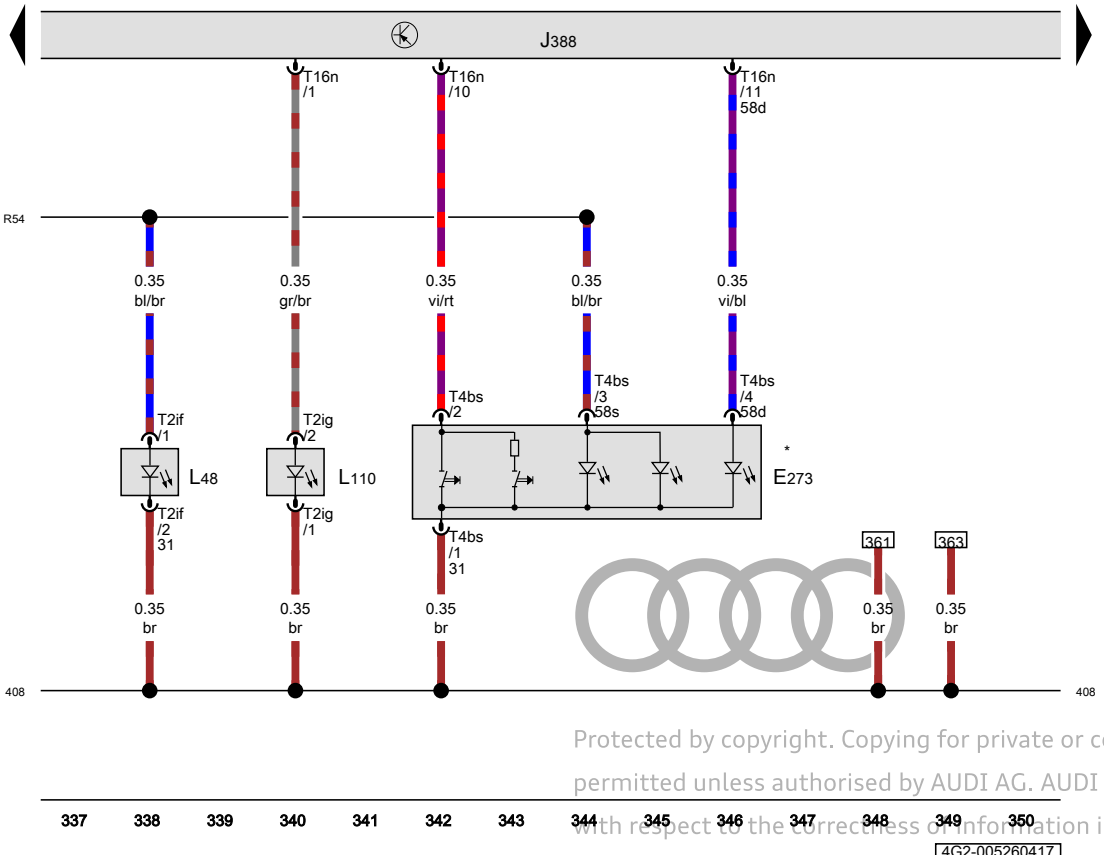


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rt	=	red
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Rear left interior locking switch, Rear left door control unit, Rear left ashtray illumination bulb, Rear left door opener illumination bulb

E273	Rear left interior locking switch
J388	Rear left door control unit
L48	Rear left ashtray illumination bulb
L110	Rear left door opener illumination bulb
T2if	2-pin connector
T2ig	2-pin connector
T4bs	4-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Only for American markets



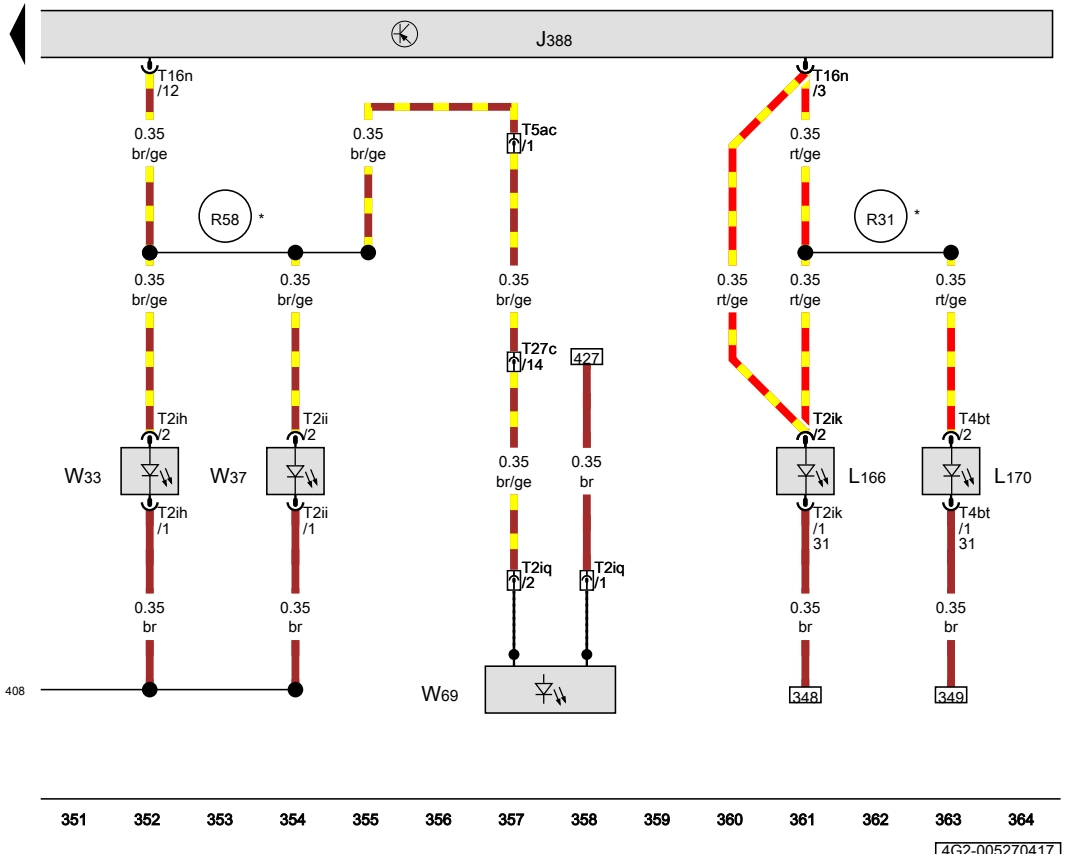
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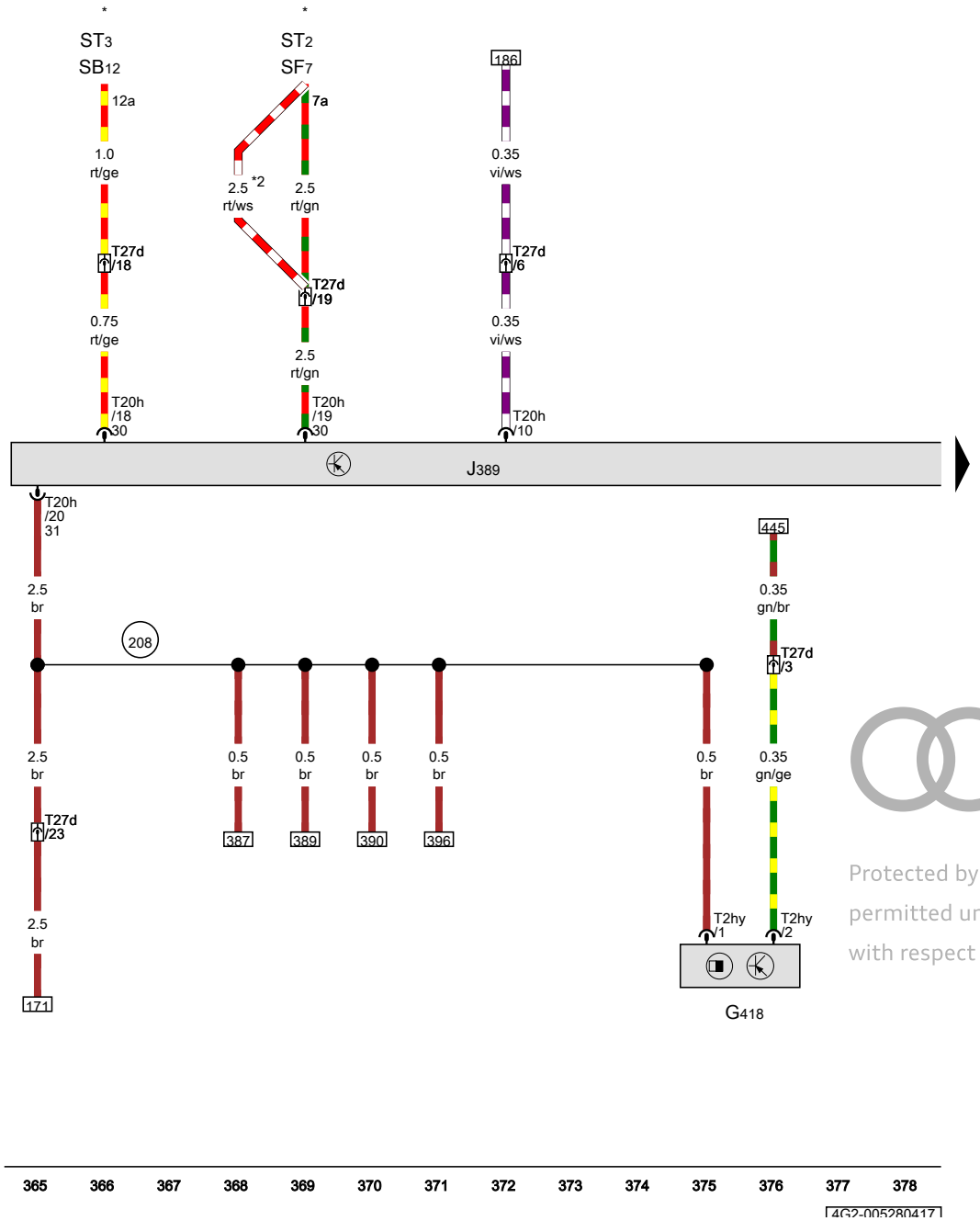
Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp, Light conductor for rear left sill panel moulding ambient lighting

J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2ih	2-pin connector
T2ii	2-pin connector
T2ik	2-pin connector
T2iq	2-pin connector
T4bt	4-pin connector
T5ac	5-pin connector, in rear left door
T16n	16-pin connector
T27c	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
W69	Light conductor for rear left sill panel moulding ambient lighting
408	Earth connection 3, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights

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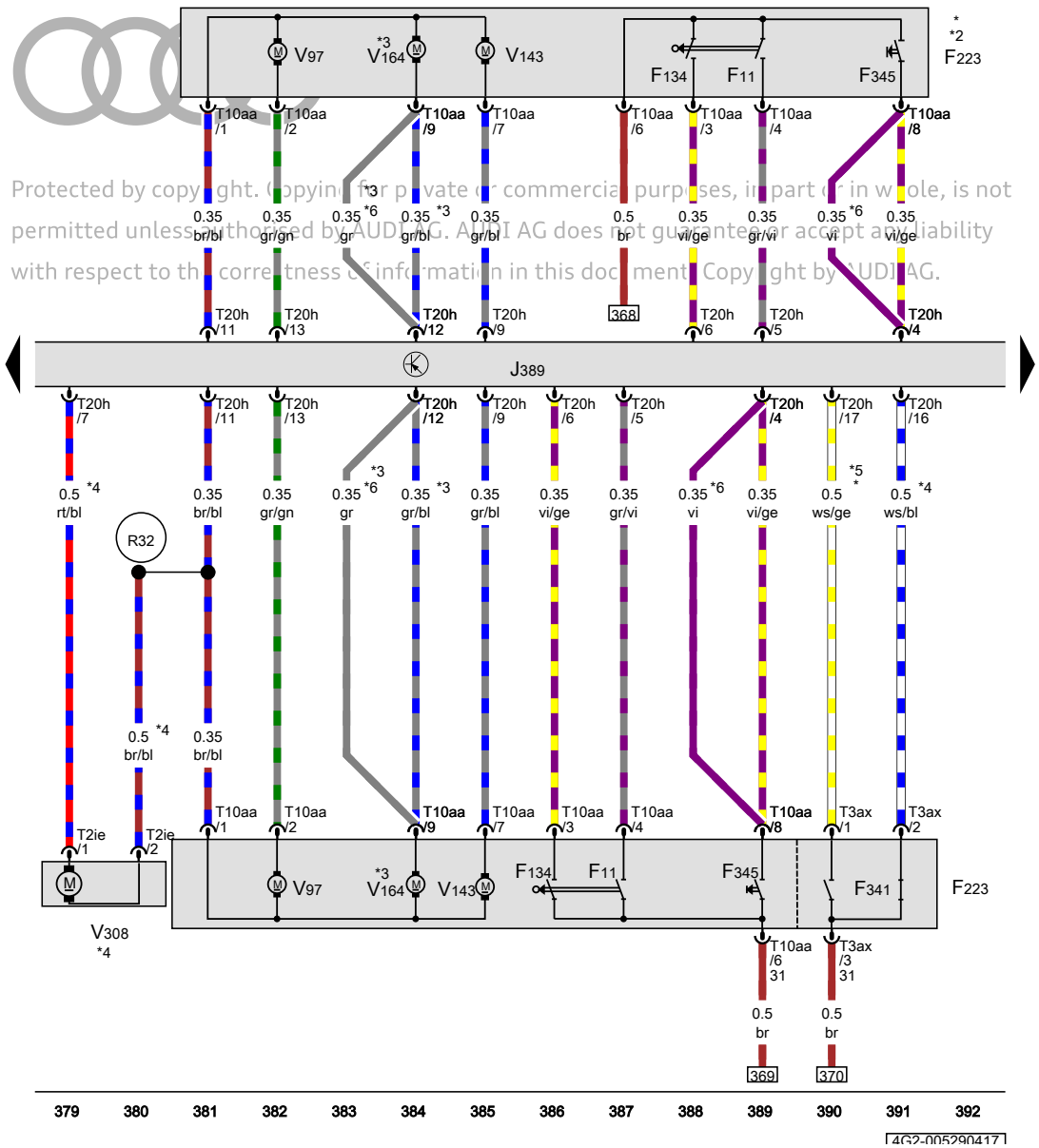


Contact sensor for rear right exterior door handle, Rear right door control unit

G418	Contact sensor for rear right exterior door handle
J389	Rear right door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
SB12	Fuse 12 on fuse holder B
T2hy	2-pin connector
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
208	Earth connection, in rear right door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant

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Rear right central locking lock unit, Rear right door control unit

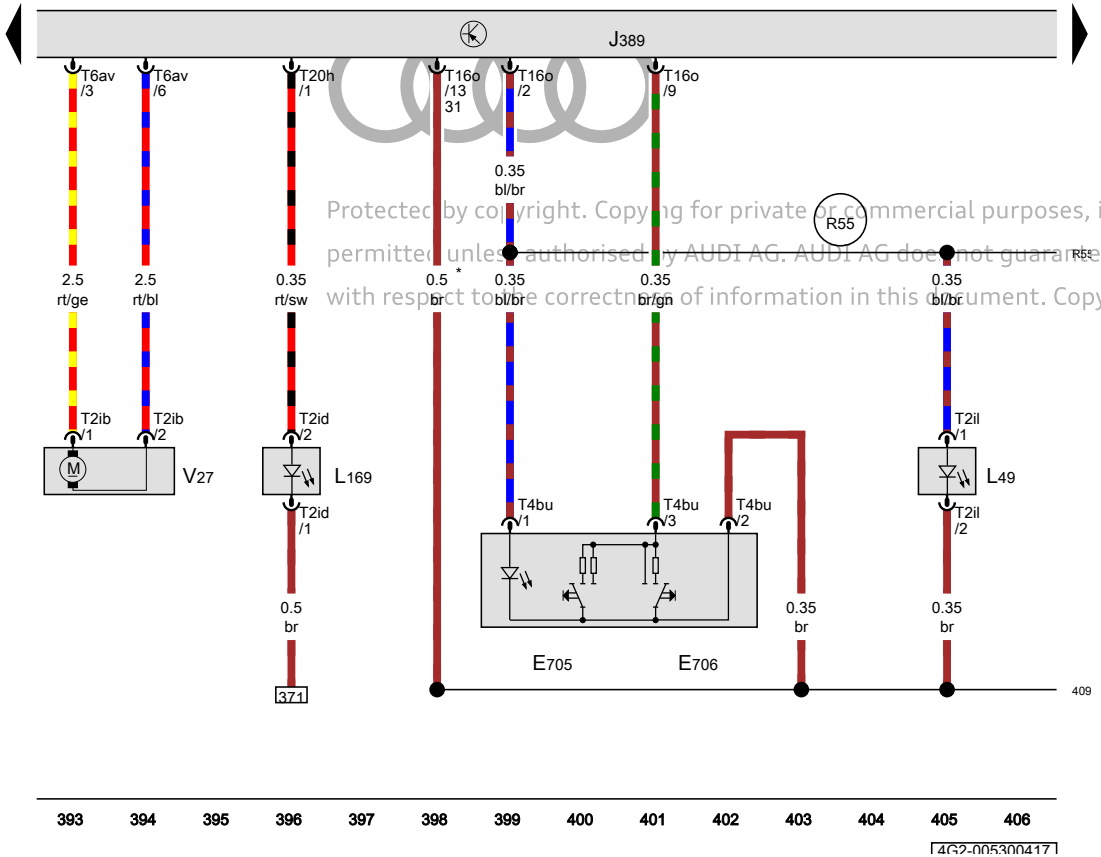
F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F341	Rear right door power latching system contact switch
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T2ie	2-pin connector
T3ax	3-pin connector
T10aa	10-pin connector
T20h	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
V308	Rear right power latching motor
R32	Connection 2, in rear right door wiring harness

*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	For models with adaptive cruise control (ACC)
*6	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear right window regulator button in rear right door, Rear right door control unit, Rear right ashtray illumination bulb, Rear right exterior door handle illumination bulb, Rear right window regulator motor

E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
J389	Rear right door control unit
L49	Rear right ashtray illumination bulb
L169	Rear right exterior door handle illumination bulb
T2ib	2-pin connector
T2id	2-pin connector
T2il	2-pin connector
T4bu	4-pin connector
T6av	6-pin connector
T16o	16-pin connector
T20h	20-pin connector
V27	Rear right window regulator motor
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Output for switch earth

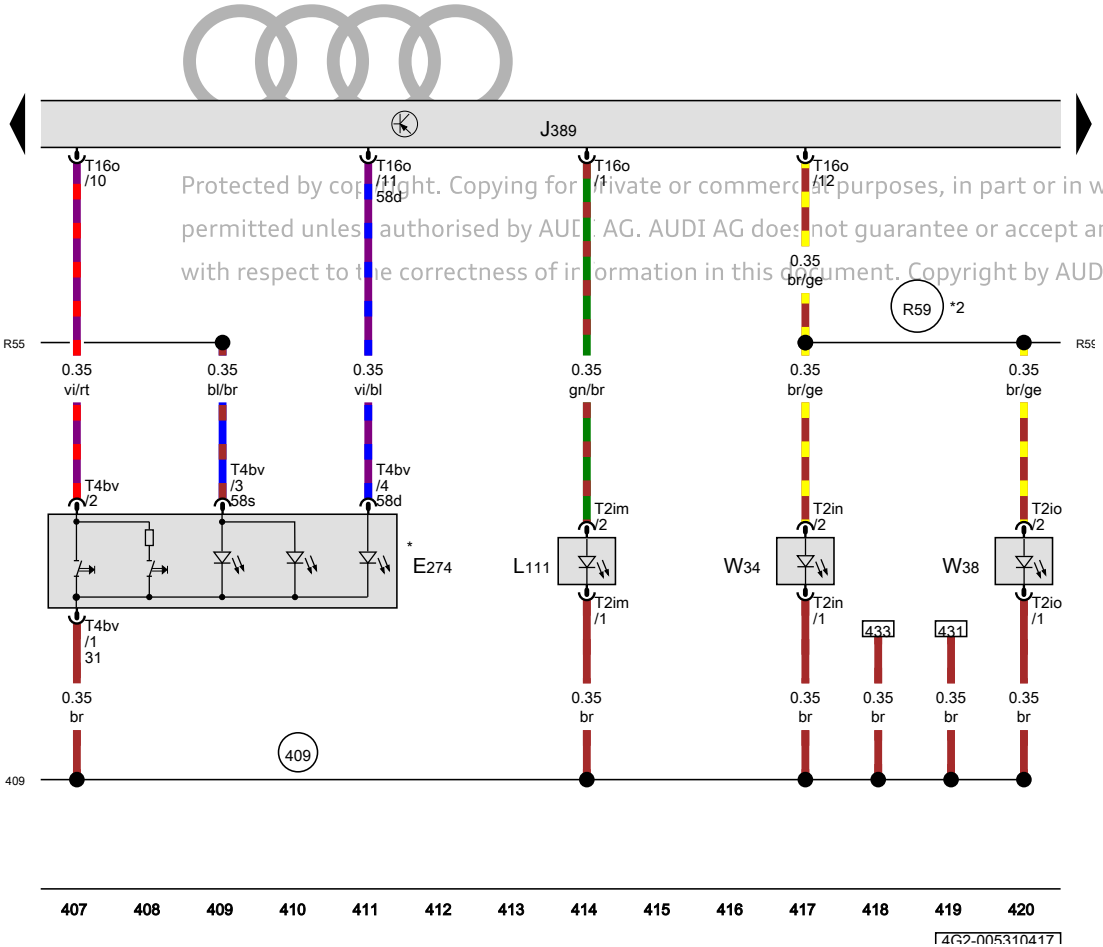


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ge	=	yellow
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Rear right door control unit, Rear right door opener illumination bulb, Rear right door warning lamp

E274	Rear right interior locking switch
J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T4bv	4-pin connector
T16o	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	Only for American markets
*2	Only models with additional lights



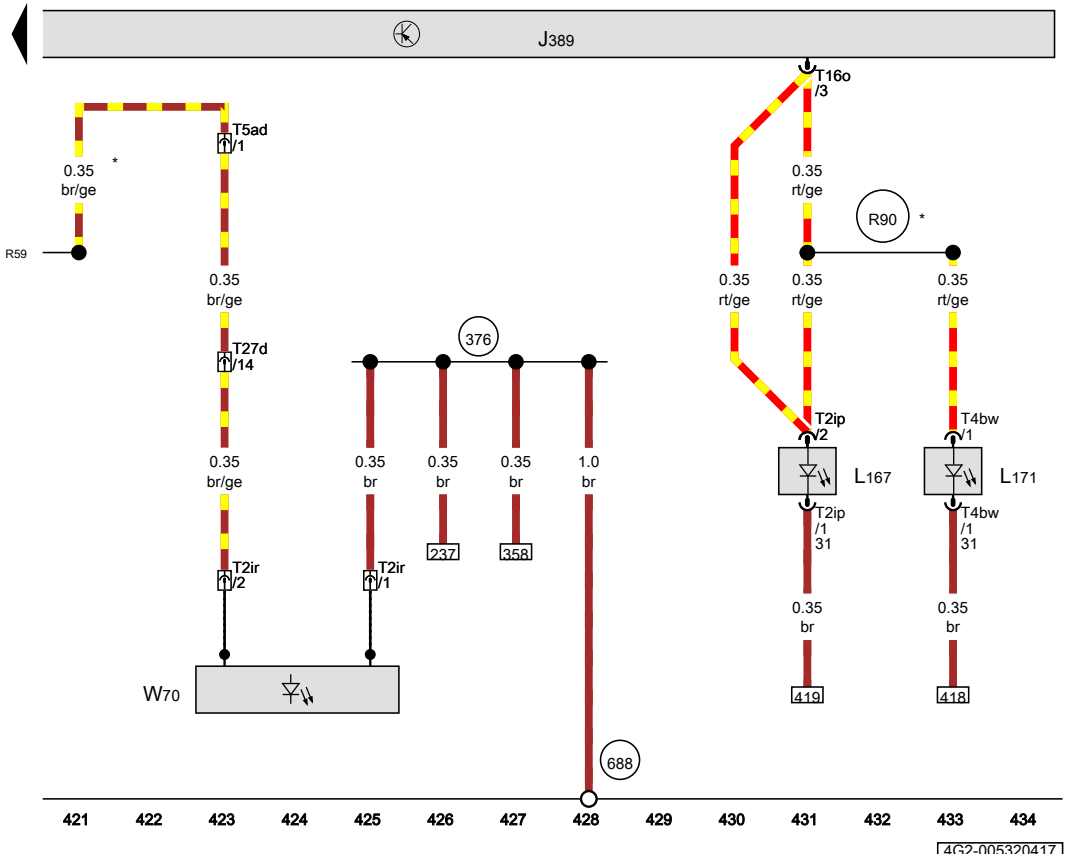
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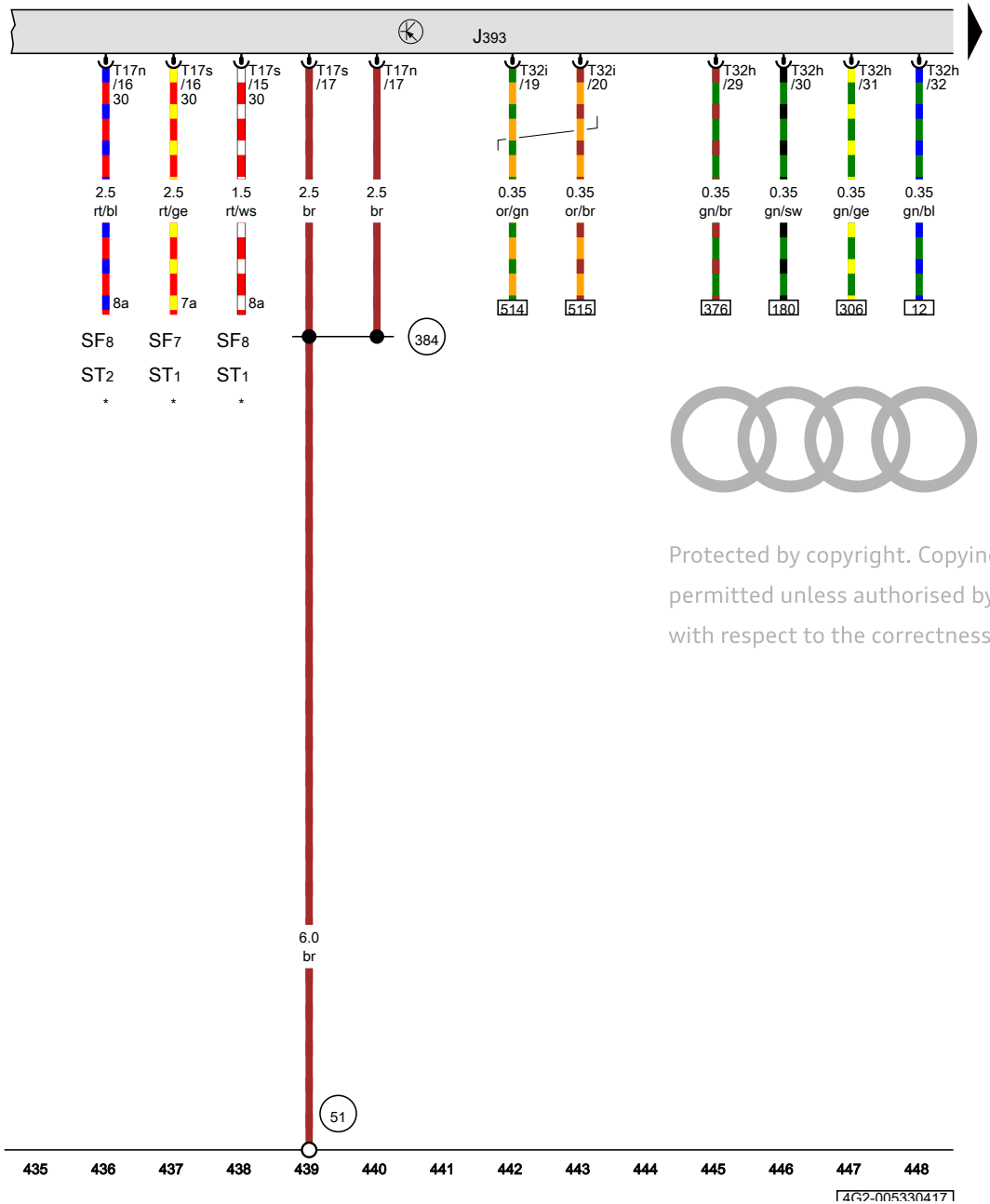
Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Light conductor for rear right sill panel moulding ambient lighting

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J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2ip	2-pin connector
T2ir	2-pin connector
T4bw	4-pin connector
T5ad	5-pin connector, in rear right door
T16o	16-pin connector
T27d	27-pin connector, on right B-pillar
W70	Light conductor for rear right sill panel moulding ambient lighting
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights



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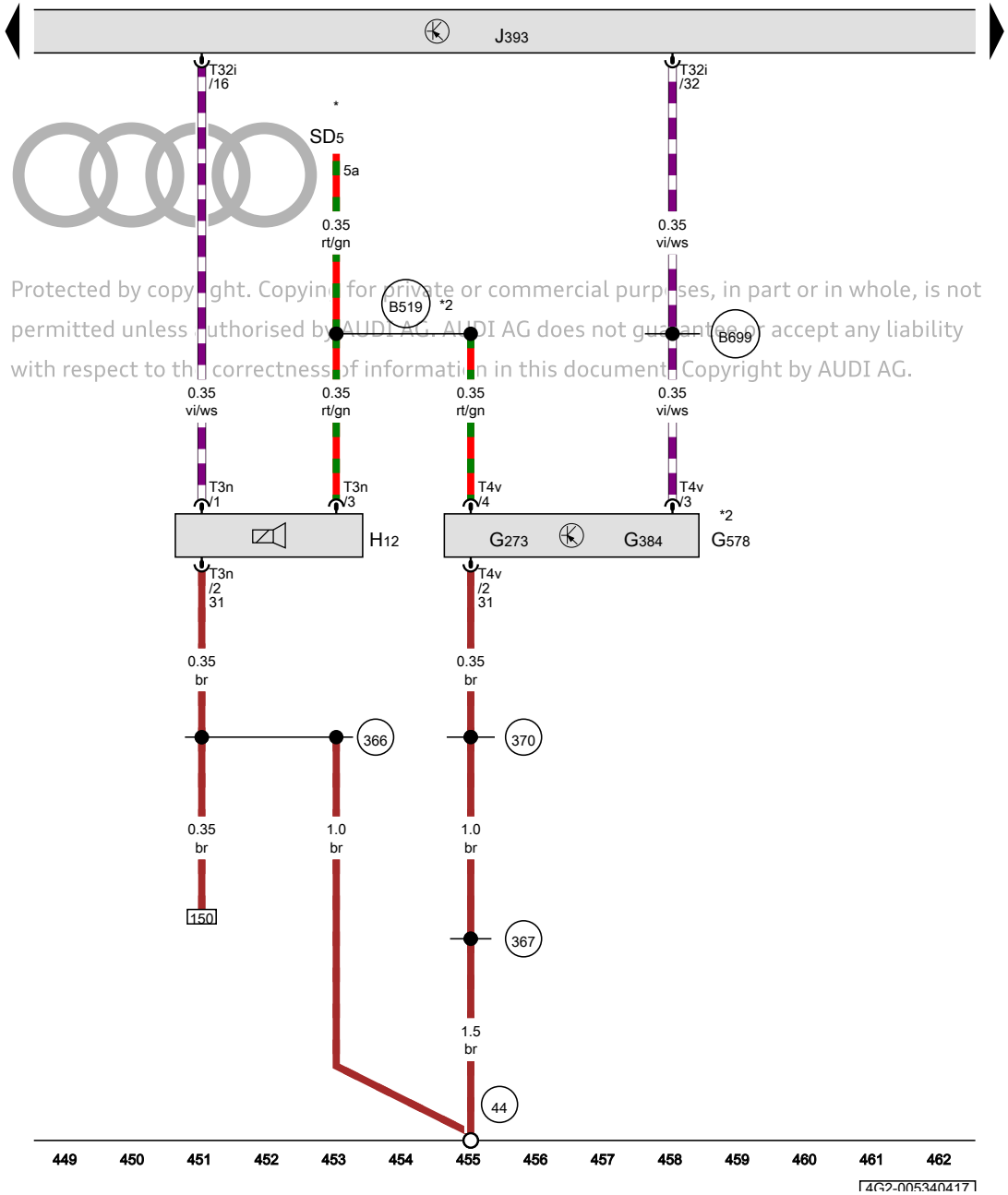


Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17n	17-pin connector
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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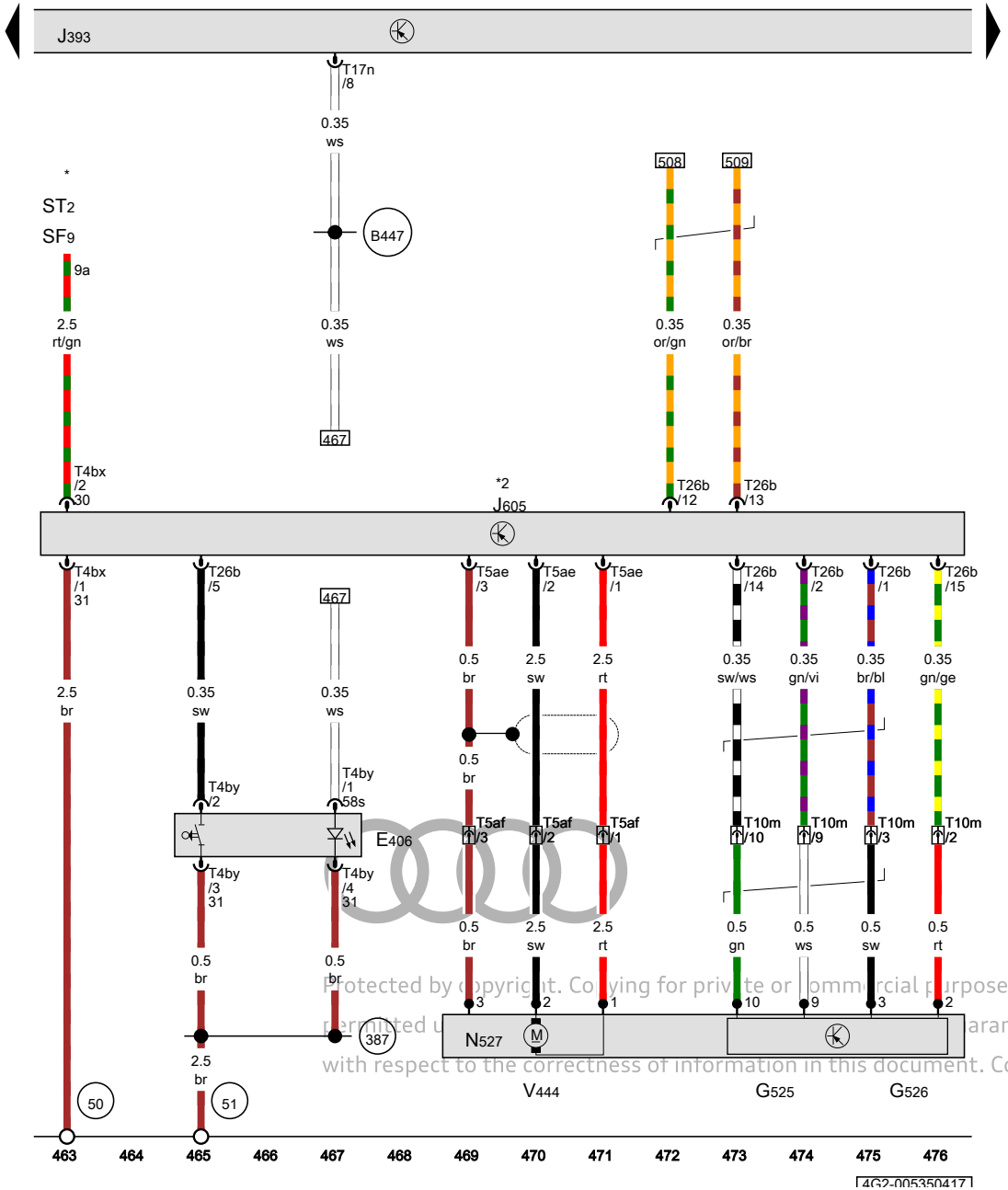


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Anti-theft alarm sensor, Alarm horn, Convenience system central control unit

G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
SD5	Fuse 5 on fuse holder D
T3n	3-pin connector
T4v	4-pin connector
T32i	32-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
B519	Connection (30a, CL/ATA/IR), in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Anti-theft alarm system with interior monitoring

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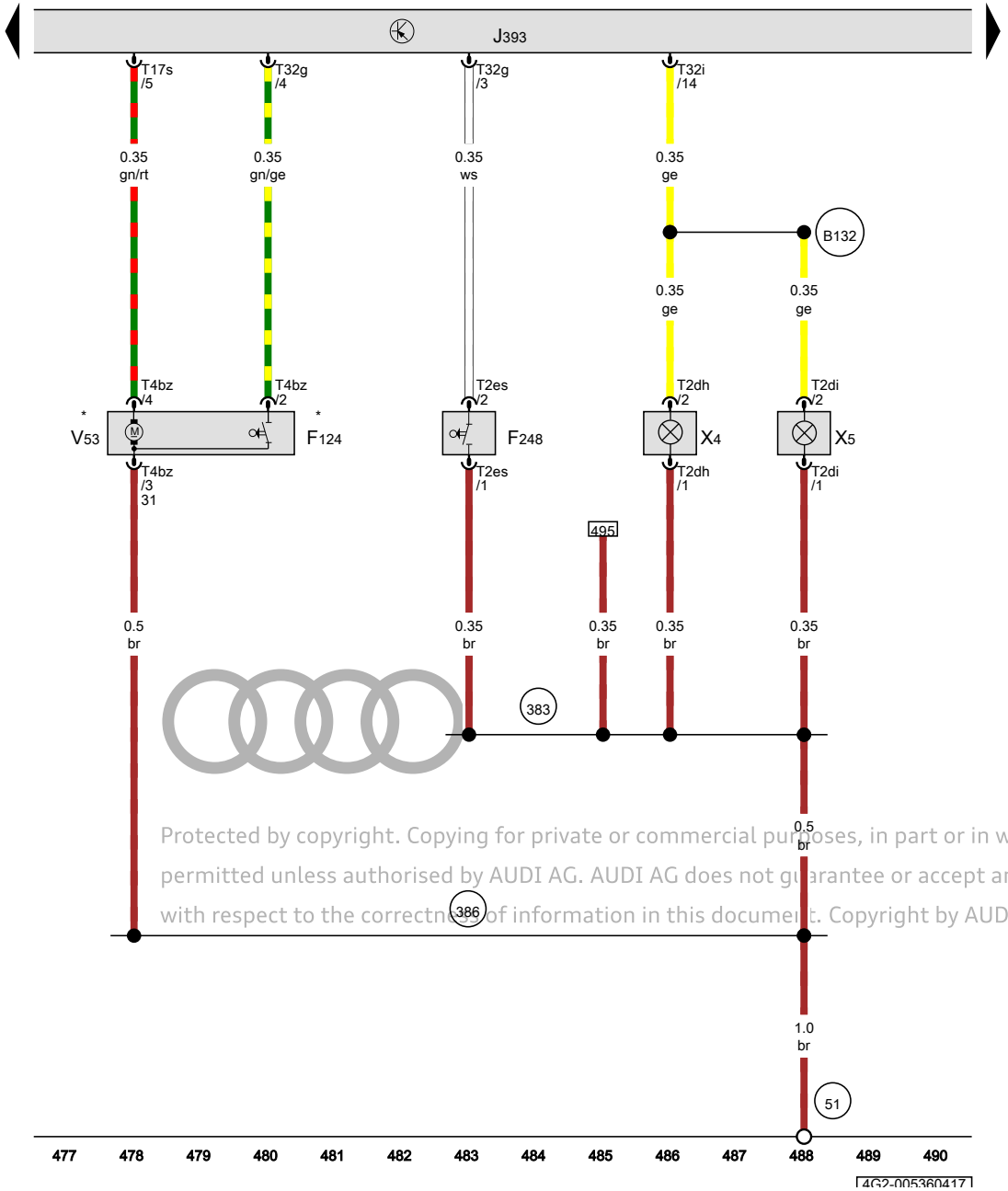


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Button to close rear lid in luggage compartment, Rear lid closed sender 1, Rear lid closed sender 2, Convenience system central control unit, Rear lid control unit, Motor 1 for rear lid

E406	Button to close rear lid in luggage compartment
G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
J393	Convenience system central control unit
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T5ae	5-pin connector
T5af	5-pin connector
T10m	10-pin connector
T17n	17-pin connector
T26b	26-pin connector
V444	Motor 1 for rear lid
50	Earth point, on left in luggage compartment
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Saloon



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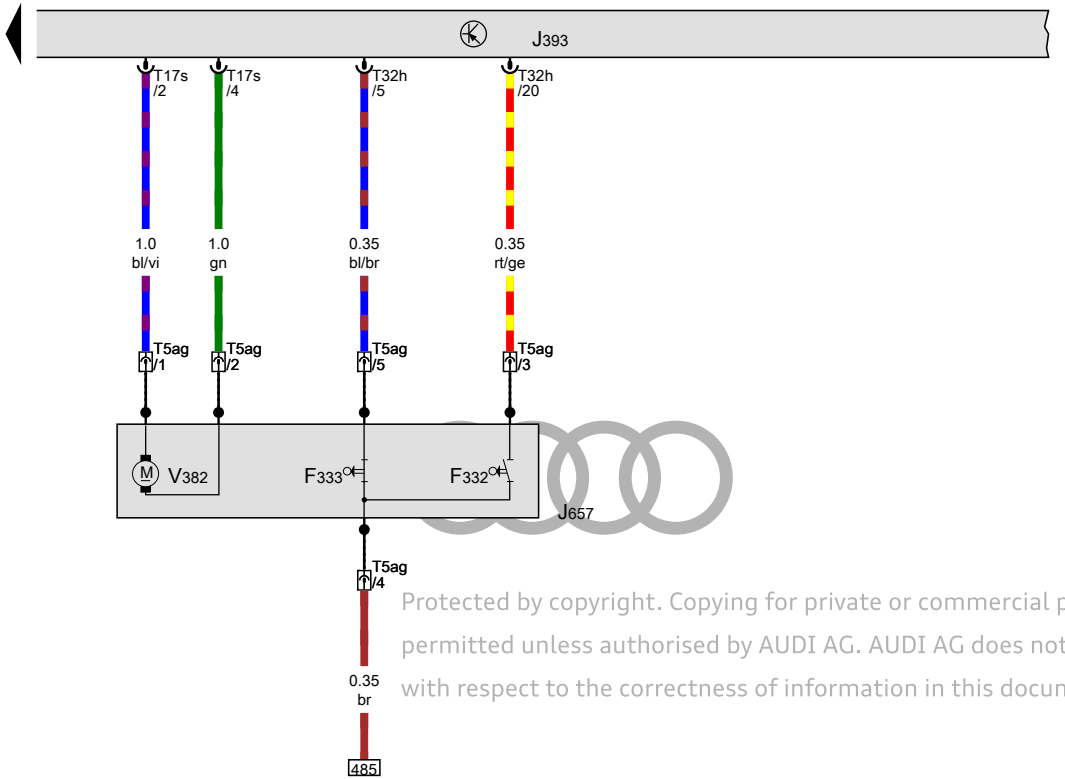
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Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
*	Saloon

Convenience system central control unit, Power latching control unit

F332 Power latching system limit switch, luggage compartment unlocked
F333 Power latching system limit switch, luggage compartment locked
J393 Convenience system central control unit
J657 Power latching control unit
T5ag 5-pin connector, on right in luggage compartment
T17s 17-pin connector
T32h 32-pin connector
V382 Power latching motor for rear lid

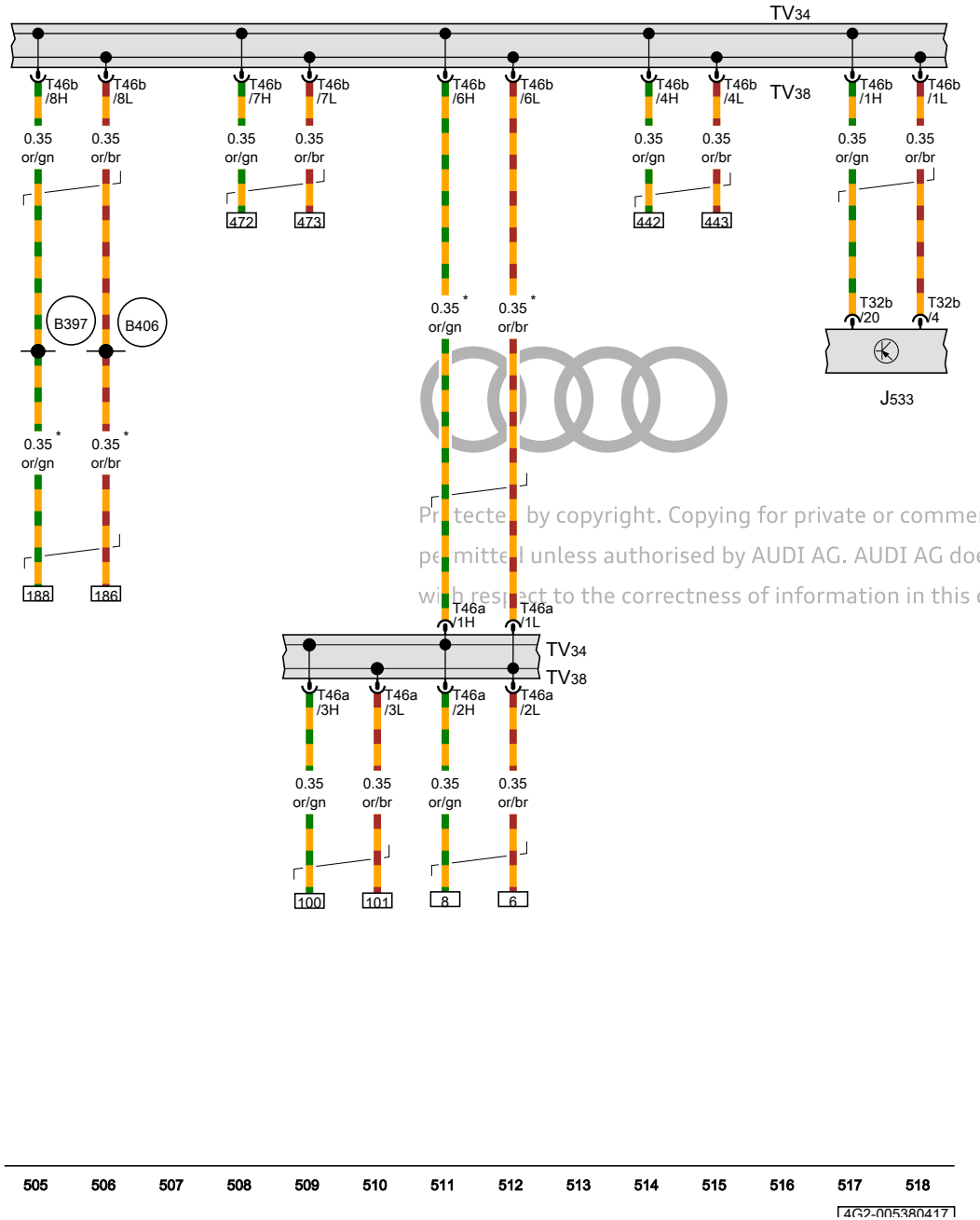


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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for convenience CAN bus, low

J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

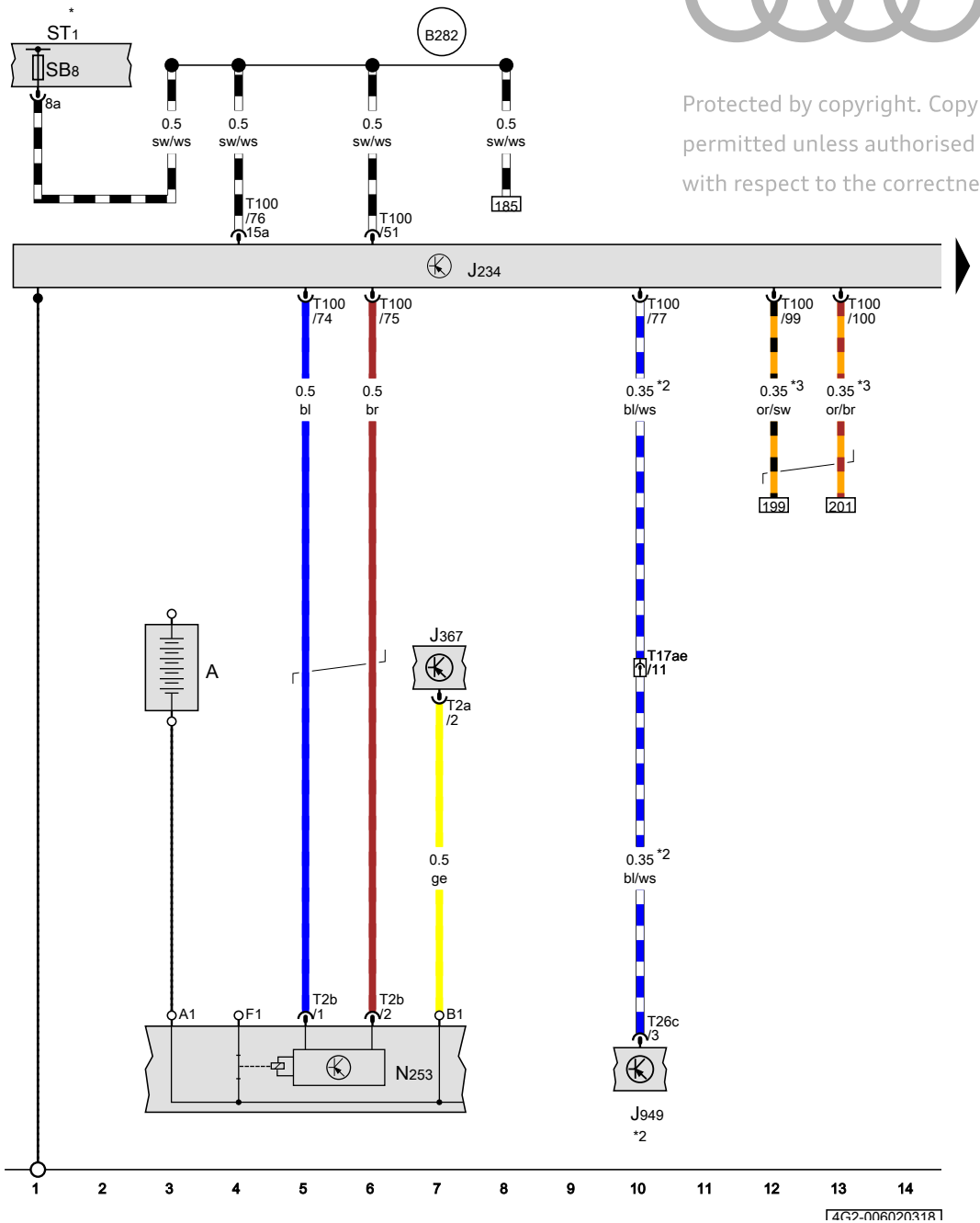
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Airbag systems

From January 2011

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Airbag control unit

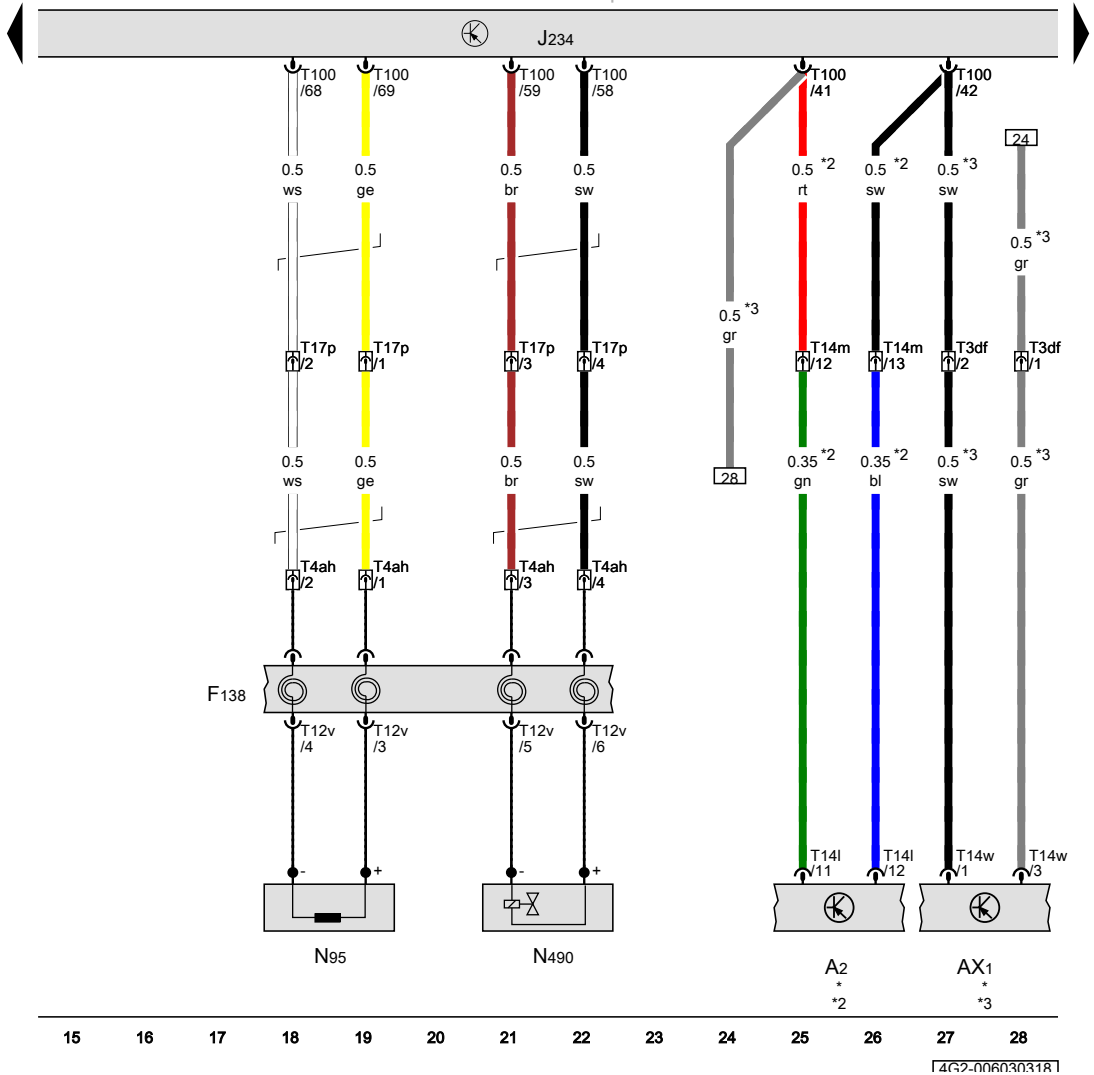
A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
J949	Emergency call module control unit and communication unit
N253	Battery isolation igniter
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T2a	2-pin connector
T2b	2-pin connector
T17ae	17-pin connector, in right A-pillar coupling station, green
T26c	26-pin connector, black
T100	100-pin connector
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with emergency call module
*3	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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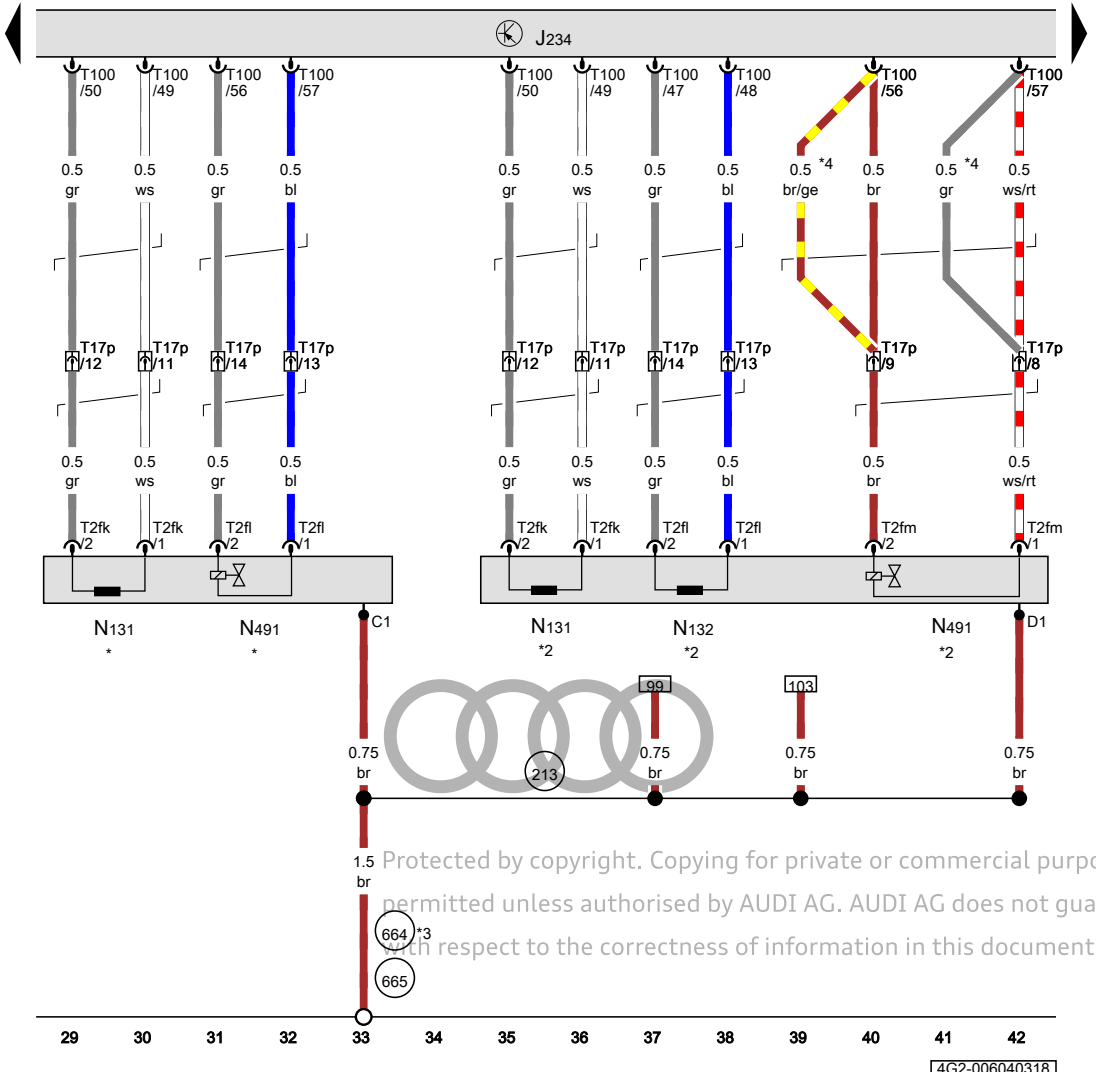
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Airbag coil connector and return ring with slip ring, Airbag control unit, Airbag igniter on driver side, Igniter for exhaust valve for driver airbag

AX1	Hybrid battery unit
A2	Drive battery
F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
N95	Airbag igniter on driver side
N490	Igniter for exhaust valve for driver airbag
T3df	3-pin connector, yellow
T4ah	4-pin connector, on steering wheel
T12v	12-pin connector
T14l	14-pin connector
T14m	14-pin connector, in luggage compartment, in spare wheel well
T14w	14-pin connector, black
T17p	17-pin connector, in right A-pillar coupling station
T100	100-pin connector
*	For models with hybrid drive system
*2	Up to October 2016
*3	From October 2016



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sw	=	black
ro	=	red
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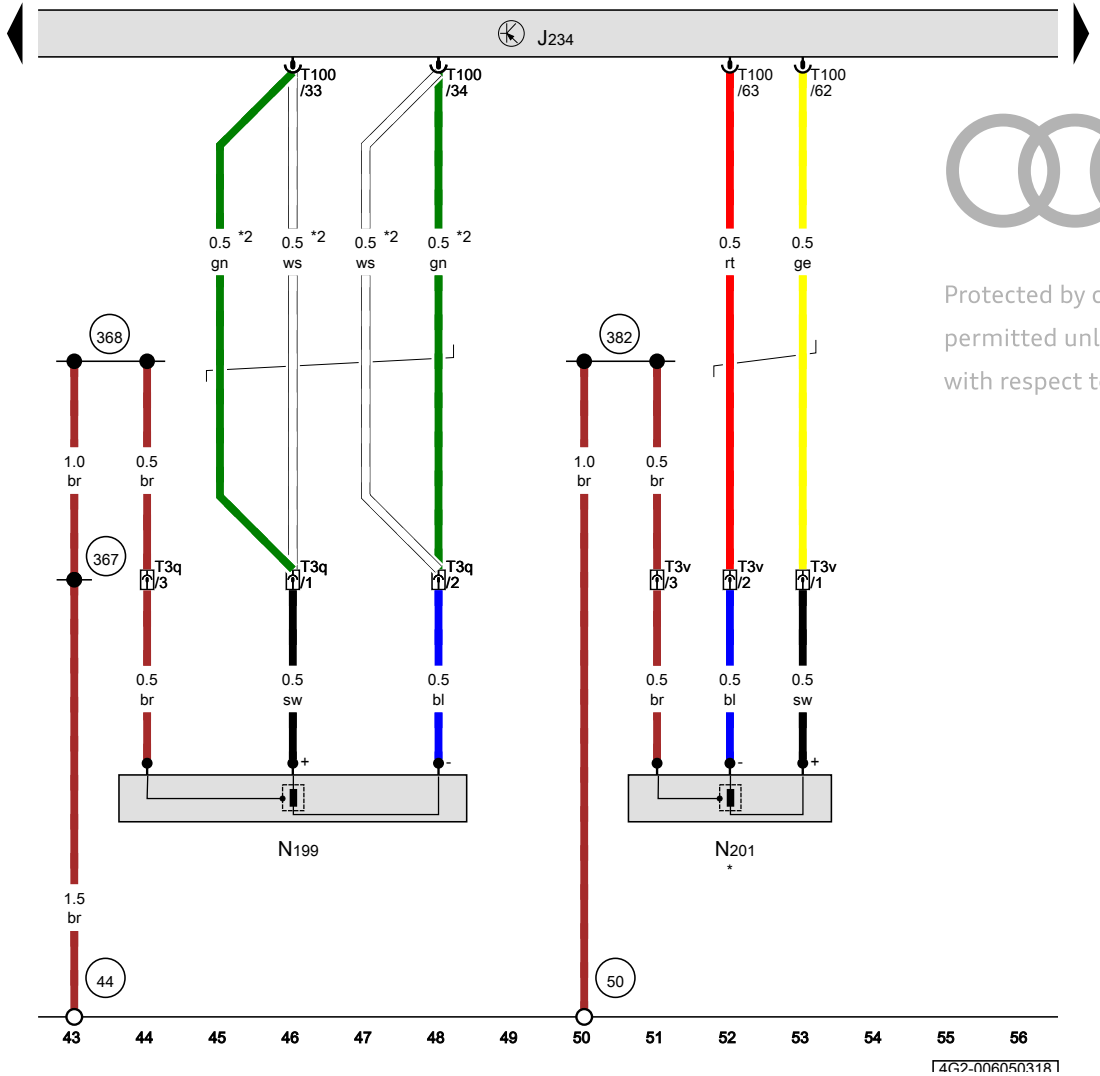
Airbag control unit, Airbag igniter 1 on front passenger side, Airbag igniter 2 on front passenger side, Igniter for exhaust valve for front passenger airbag

J234	Airbag control unit
N131	Airbag igniter 1 on front passenger side
N132	Airbag igniter 2 on front passenger side
N491	Igniter for exhaust valve for front passenger airbag
T2fk	2-pin connector
T2fl	2-pin connector
T2fm	2-pin connector
T17p	17-pin connector, in right A-pillar coupling station
T100	100-pin connector
213	Earth connection, in dash panel wiring harness
664	Earth point behind dash panel on left
665	Earth point behind dash panel on right
*	Not for American markets
*2	For American markets
*3	For right-hand drive models
*4	gradual introduction

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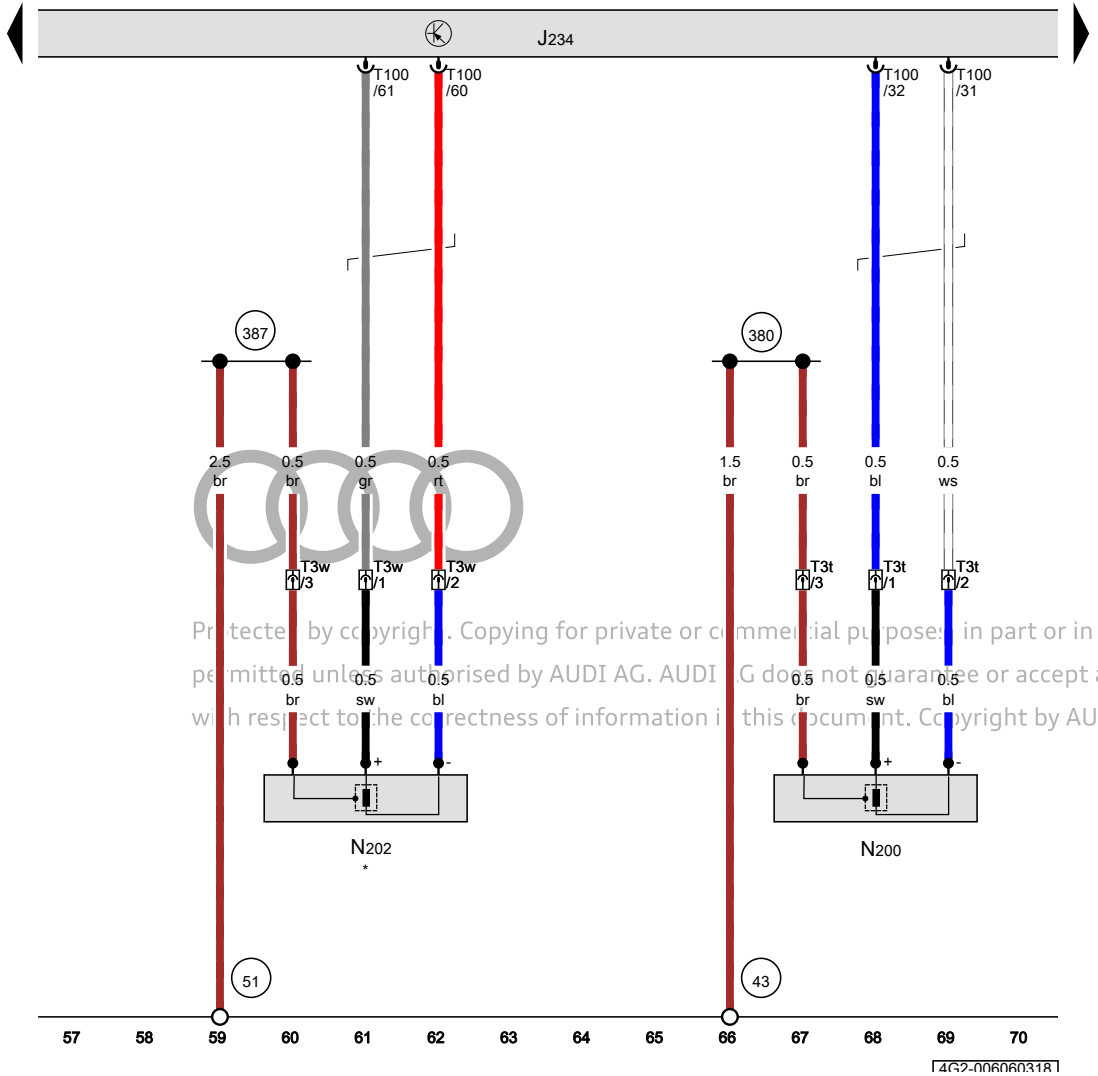
Airbag control unit, Side airbag igniter on driver side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N201	Rear side airbag igniter on driver side
T3q	3-pin connector, in coupling point for front seat, left
T3v	3-pin connector, in coupling point for rear seat, left
T100	100-pin connector
44	Earth point, lower part of left A-pillar
50	Earth point, on left in luggage compartment
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
382	Earth connection 17, in main wiring harness
*	For models with rear side airbag
*2	According to equipment



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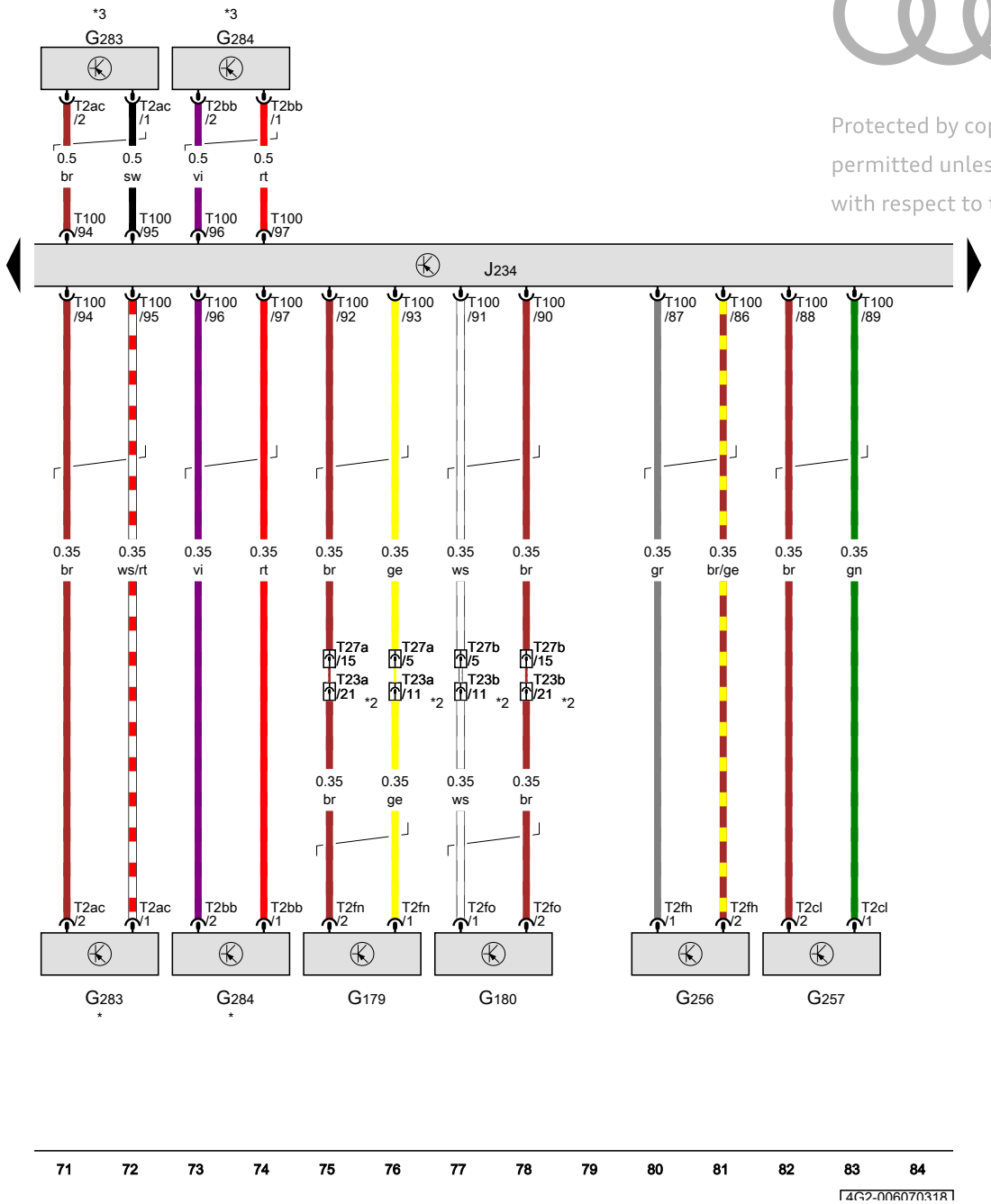


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Airbag control unit, Side airbag igniter on front passenger side

J234	Airbag control unit
N200	Side airbag igniter on front passenger side
N202	Rear side airbag igniter on passenger side
T3t	3-pin connector, in coupling point for front seat, right
T3w	3-pin connector, in coupling point for rear seat, right
T100	100-pin connector
43	Earth point, lower part of right A-pillar
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
387	Earth connection 22, in main wiring harness
*	For models with rear side airbag

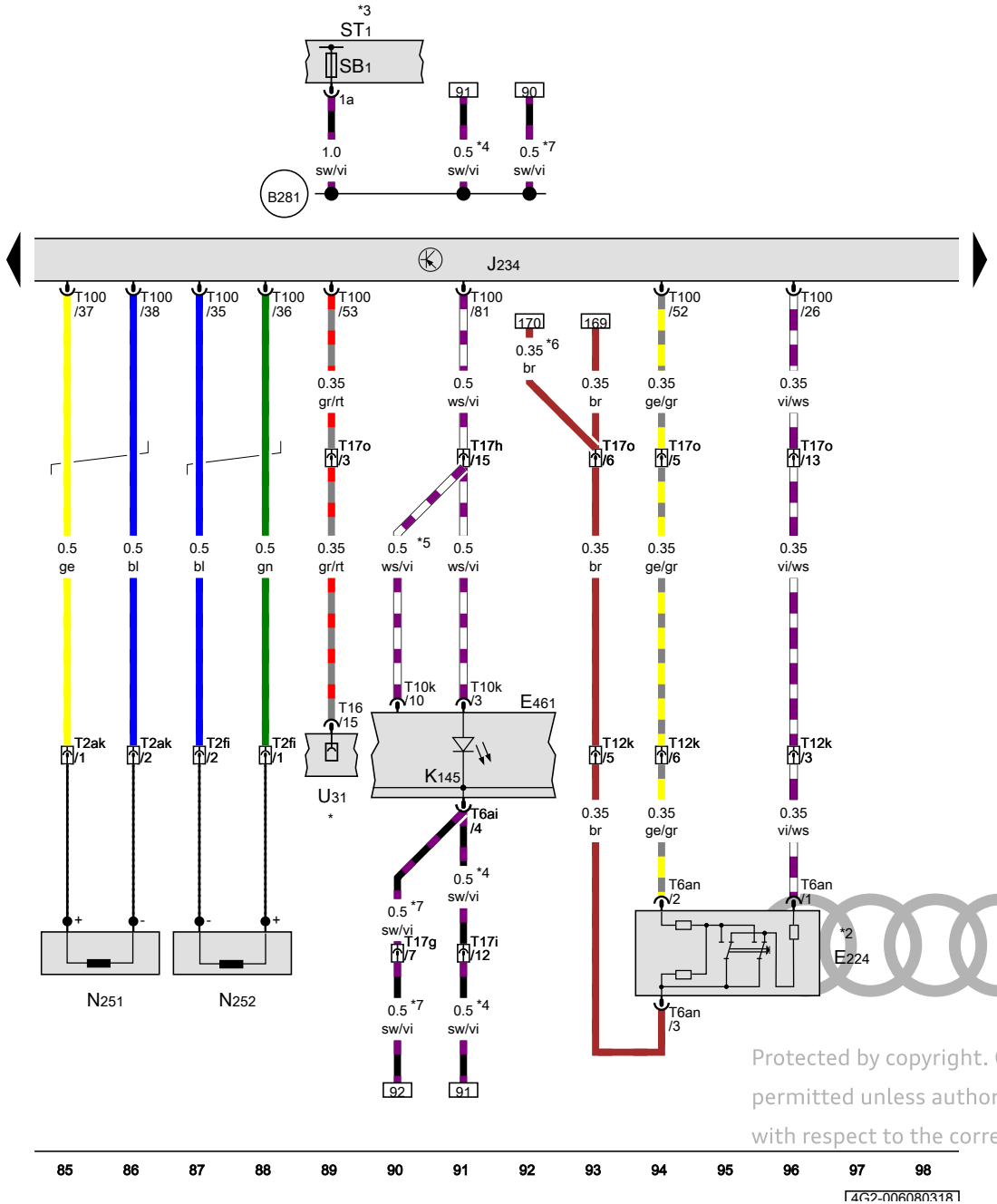


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Side airbag crash sensor on driver side, Rear side airbag crash sensor on driver side, Front airbag crash sensor for driver side, Airbag control unit

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit
T2ac	2-pin connector
T2bb	2-pin connector
T2cl	2-pin connector
T2fh	2-pin connector
T2fn	2-pin connector
T2fo	2-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T100	100-pin connector
*	Up to April 2011
*2	From June 2011
*3	From April 2011

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Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Driver side curtain airbag igniter

E224	Key operated switch to deactivate airbag on front passenger side
E461	Operating unit in front of centre console
J234	Airbag control unit
K145	Warning lamp for airbag deactivated on front passenger side
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T2ak	2-pin connector, on driver side curtain/head airbag
T2fi	2-pin connector, on front passenger side curtain/head airbag
T6ai	6-pin connector
T6an	6-pin connector
T10k	10-pin connector
T12k	12-pin connector, behind glove compartment
T16	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T17h	17-pin connector, in left A-pillar coupling station
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T100	100-pin connector
U31	Diagnostic connection
B281	Positive connection 5 (15a) in main wiring harness
*	Diagnostic connection
*2	Not for American markets
*3	see applicable current flow diagram for fuse assignment
*4	Up to September 2014
*5	According to equipment
*6	gradual introduction
*7	From September 2014

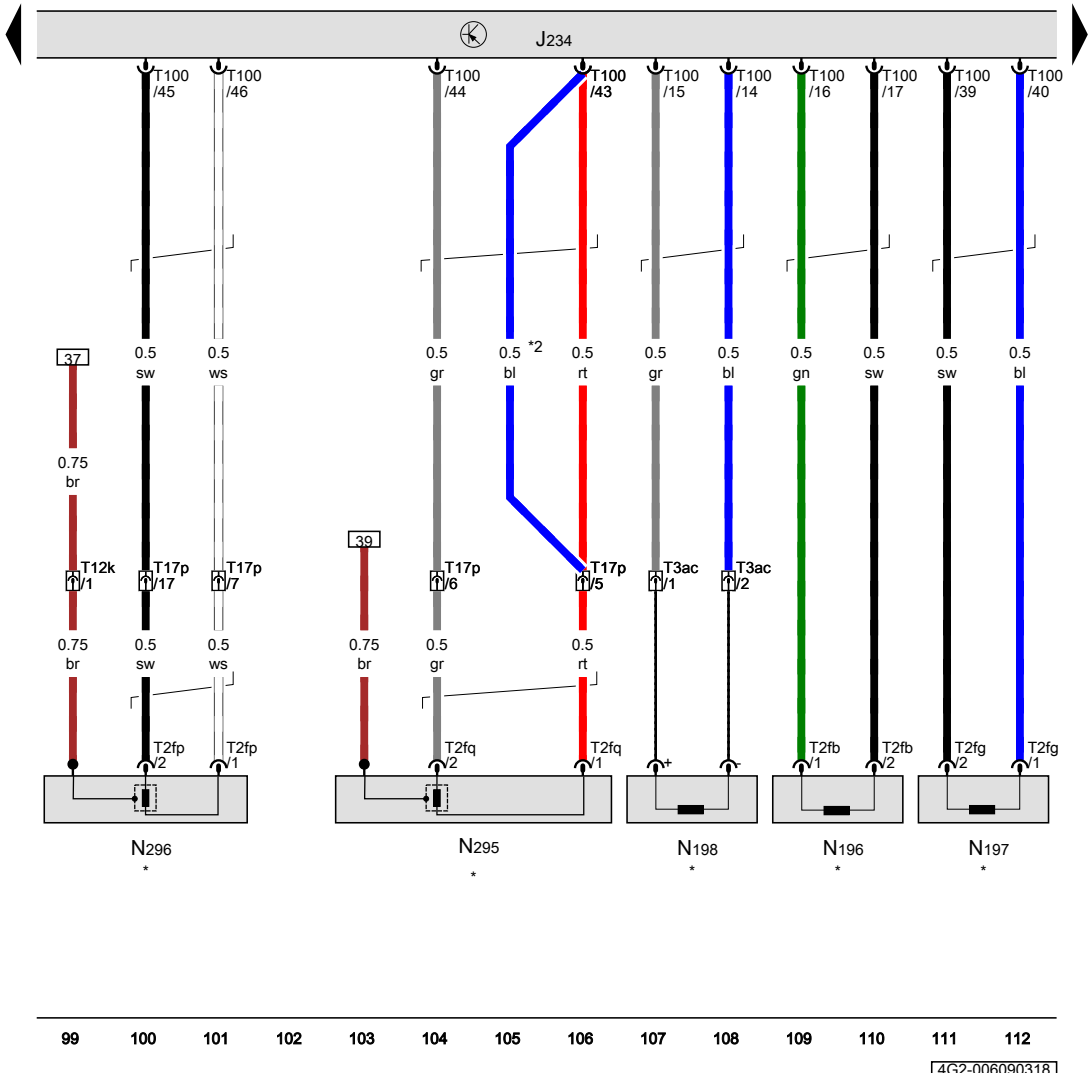
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Airbag control unit, Rear belt tensioner igniter on driver side, Rear centre belt tensioner igniter, Driver side knee airbag igniter

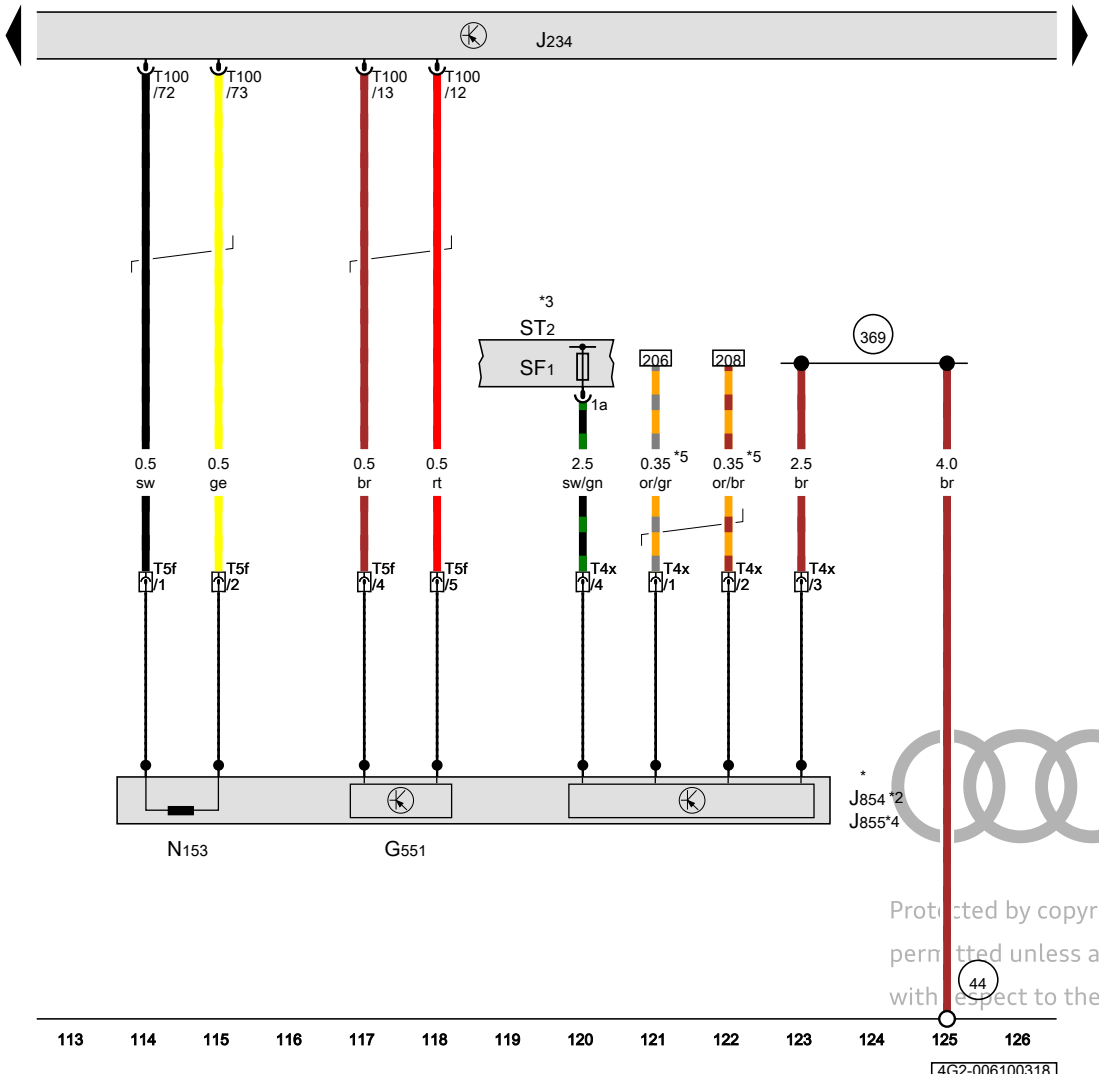
J234	Airbag control unit
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on passenger side
N198	Rear centre belt tensioner igniter
N295	Driver side knee airbag igniter
N296	Front passenger side knee airbag igniter
T2fb	2-pin connector
T2fg	2-pin connector
T2fp	2-pin connector
T2fq	2-pin connector
T3ac	3-pin connector
T12k	12-pin connector, behind glove compartment
T17p	17-pin connector, in right A-pillar coupling station
T100	100-pin connector
*	For American markets
*2	gradual introduction



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Driver side belt force limiter, Airbag control unit, Control unit for front left belt tensioner, Driver seat belt tensioner igniter 1

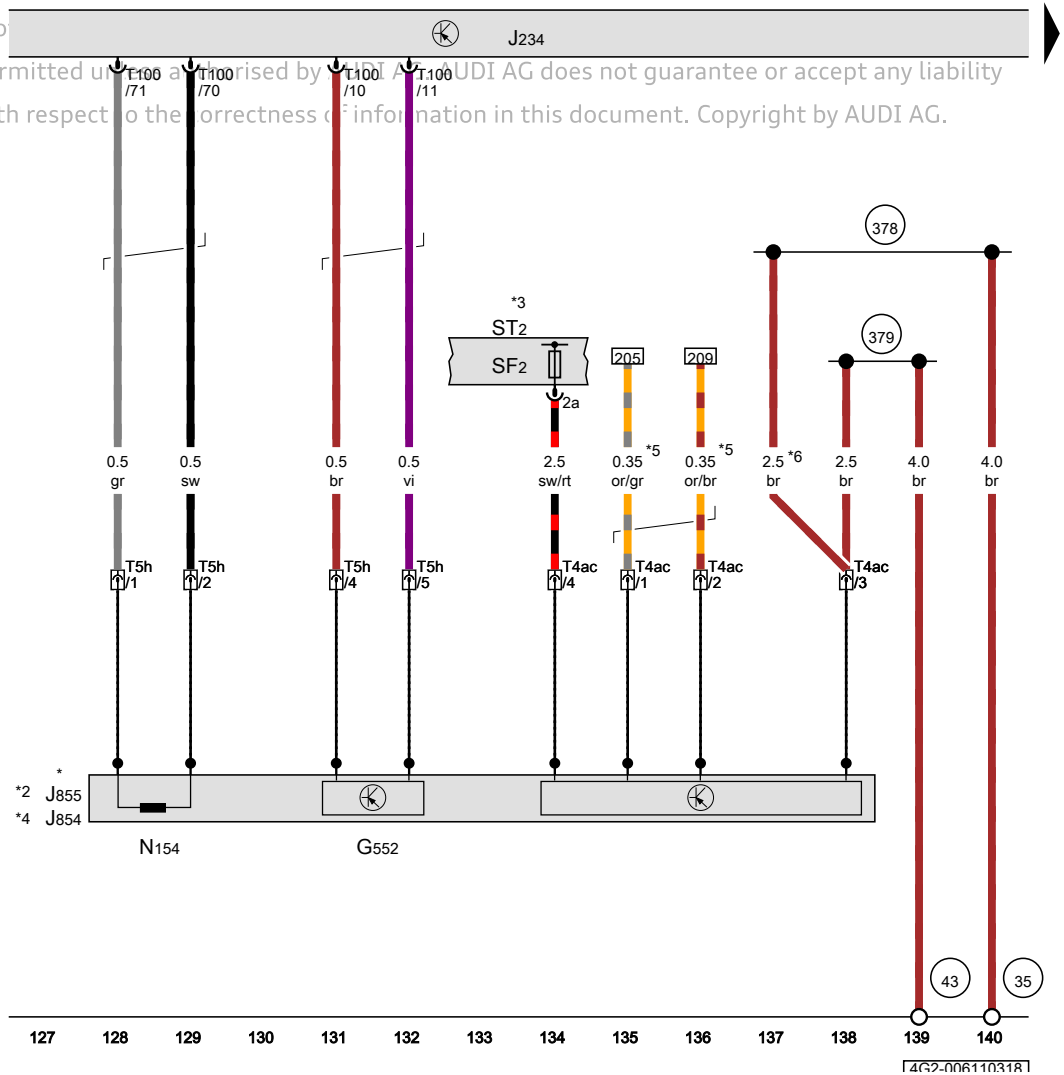
G551	Driver side belt force limiter
J234	Airbag control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
N153	Driver seat belt tensioner igniter 1
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
T4x	4-pin connector, on left B-pillar
T5f	5-pin connector, on left B-pillar
T100	100-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	For models with seat belt warning system
*2	For left-hand drive models
*3	see applicable current flow diagram for fuse assignment
*4	For right-hand drive models
*5	Data bus wire (CAN bus)



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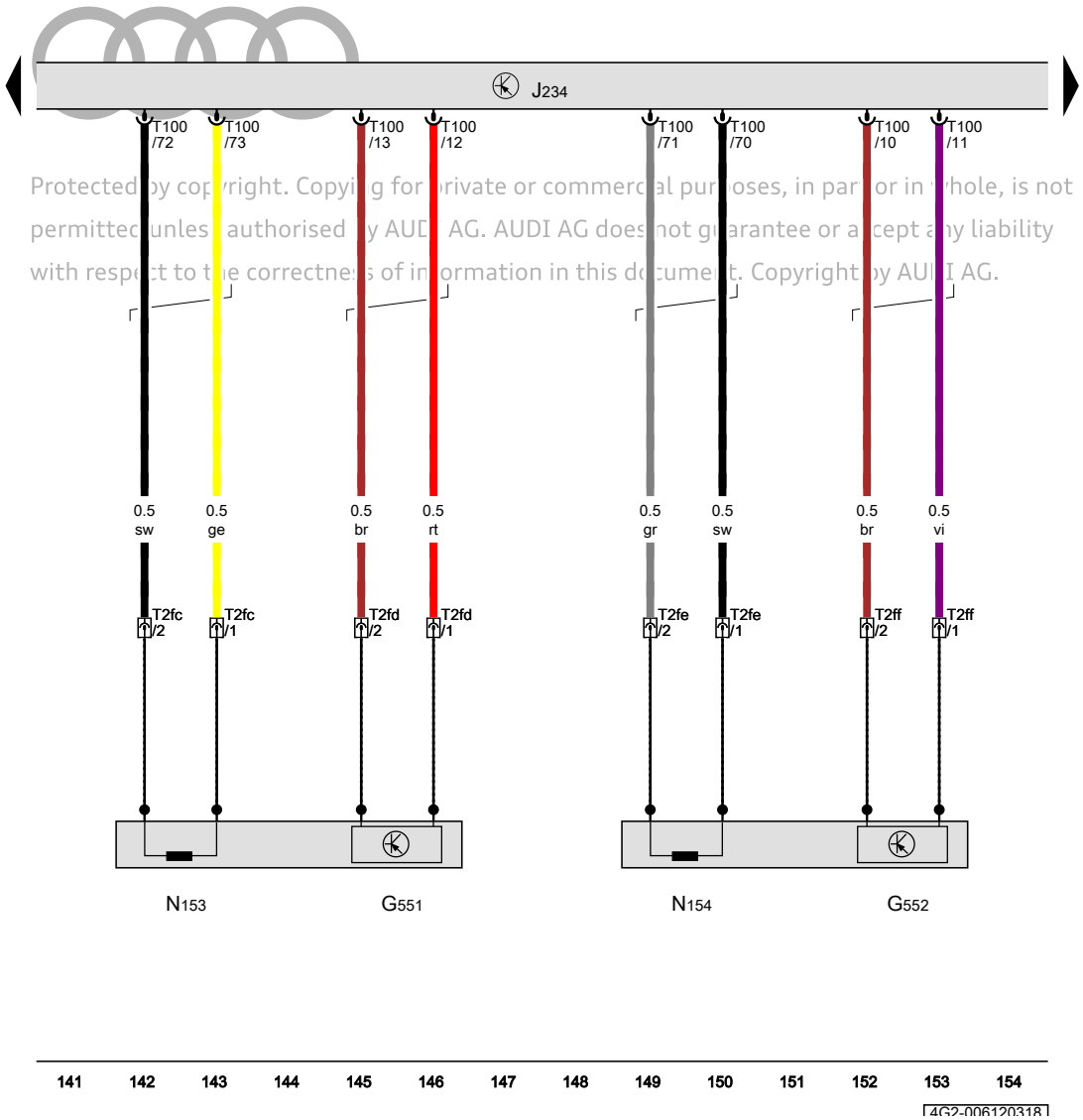
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Front passenger side belt force limiter, Airbag control unit, Front passenger seat belt tensioner igniter 1

G552	Front passenger side belt force limiter
J234	Airbag control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
N154	Front passenger seat belt tensioner igniter 1
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2
T4ac	4-pin connector, on right B-pillar
T5h	5-pin connector, on right B-pillar
T100	100-pin connector
35	Earth point, under front passenger seat
43	Earth point, lower part of right A-pillar
378	Earth connection 13, in main wiring harness
379	Earth connection 14, in main wiring harness
*	For models with seat belt warning system
*2	For left-hand drive models
*3	see applicable current flow diagram for fuse assignment
*4	For right-hand drive models
*5	Data bus wire (CAN bus)
*6	From June 2014

Driver side belt force limiter, Front passenger side belt force limiter, Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
T2fc	2-pin connector
T2fd	2-pin connector
T2fe	2-pin connector
T2ff	2-pin connector
T100	100-pin connector

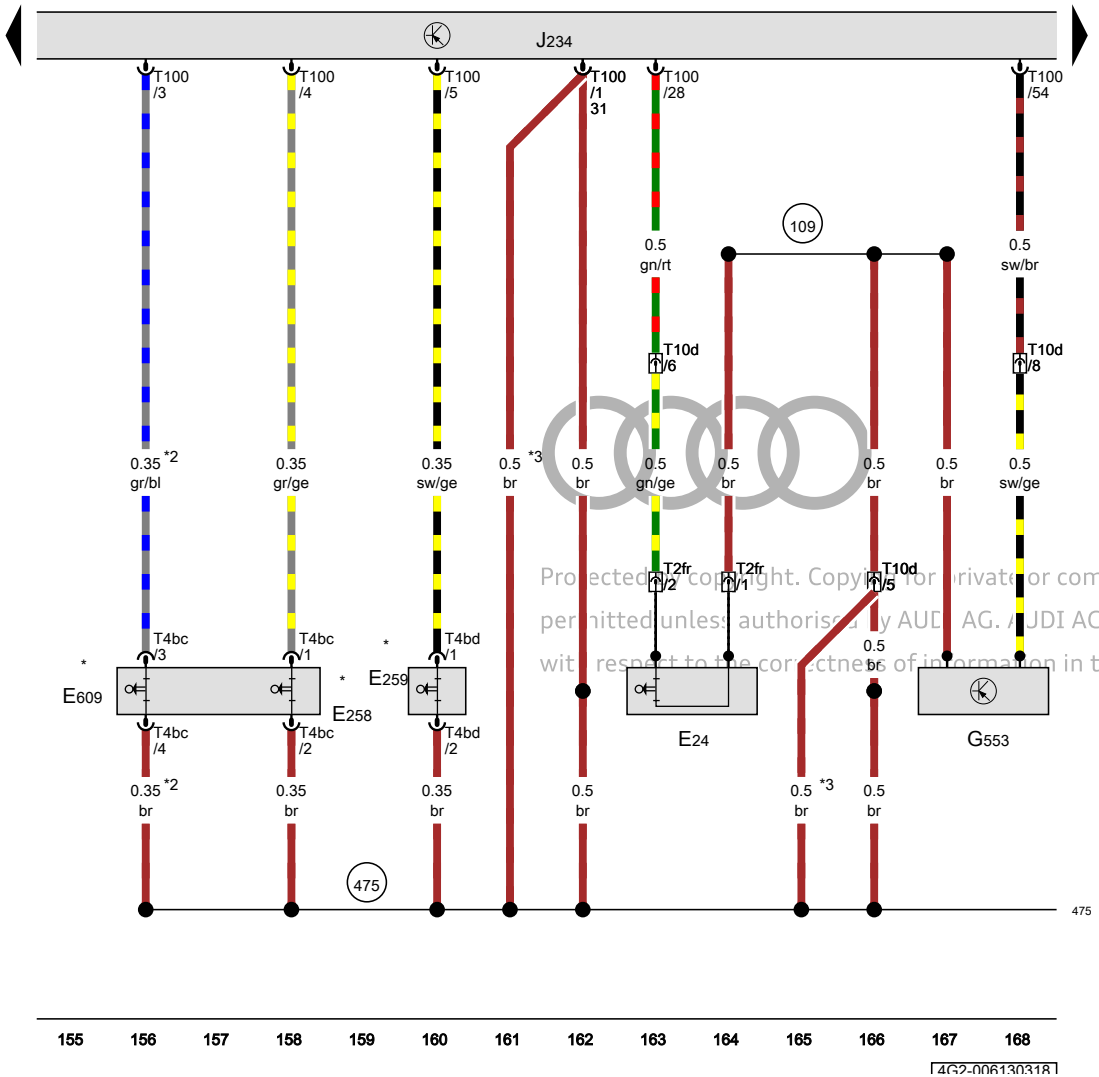


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Driver side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Rear centre belt switch, Driver side seat position sensor, Airbag control unit

E24	Driver side belt switch
E258	Rear belt switch, driver side
E259	Rear belt switch, passenger side
E609	Rear centre belt switch
G553	Driver side seat position sensor
J234	Airbag control unit
T2fr	2-pin connector
T4bc	4-pin connector
T4bd	4-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T100	100-pin connector
109	Earth connection, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness
*	Not for American markets
*2	If fitted
*3	gradual introduction

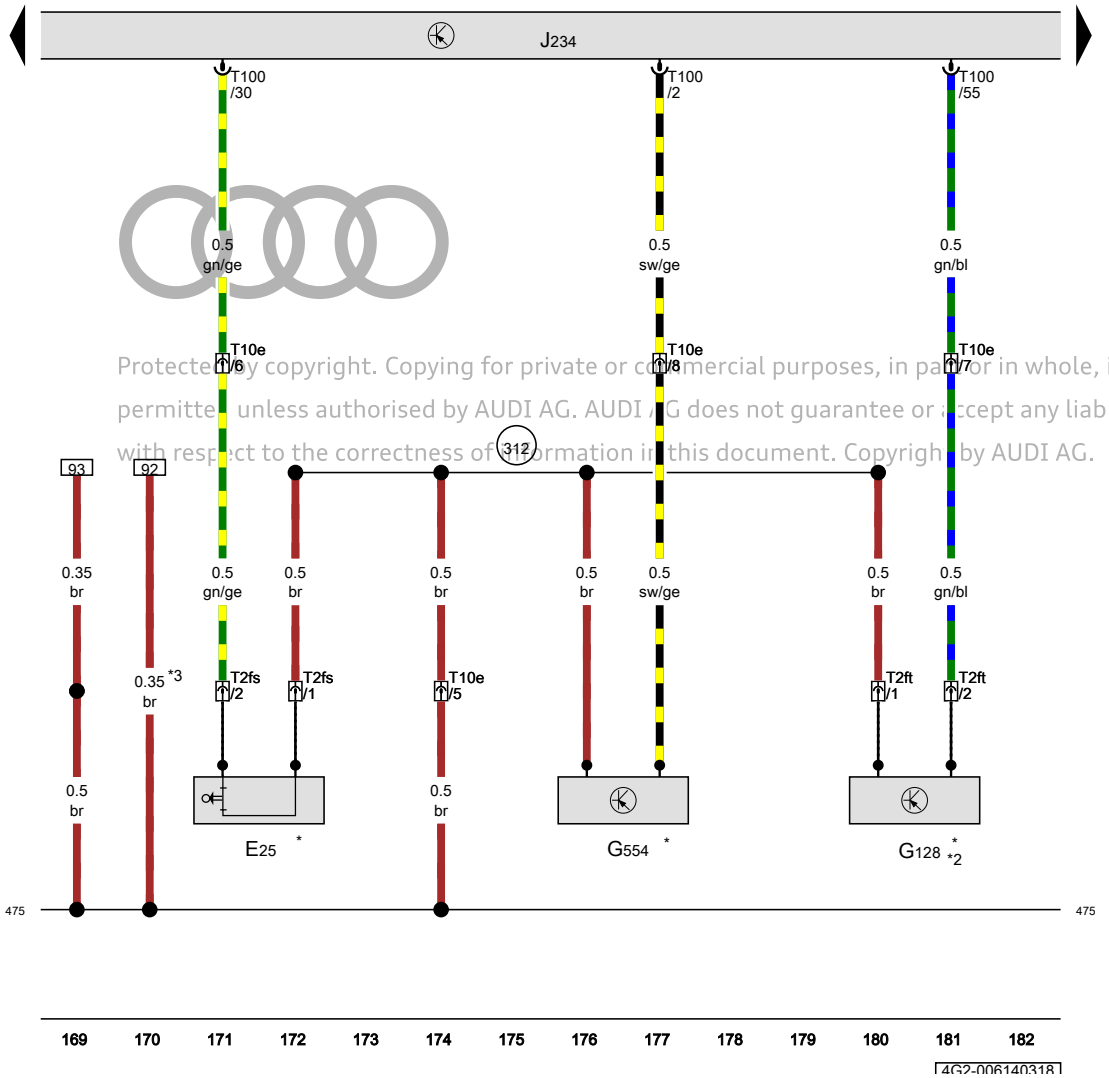


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Front passenger side belt switch, Airbag control unit

E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G554	Front passenger side seat position sensor
J234	Airbag control unit
T2fs	2-pin connector
T2ft	2-pin connector
T10e	10-pin connector, in coupling point for front seat, right
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness
*	Not for American markets
*2	For models with seat occupied sensor on front passenger side
*3	gradual introduction

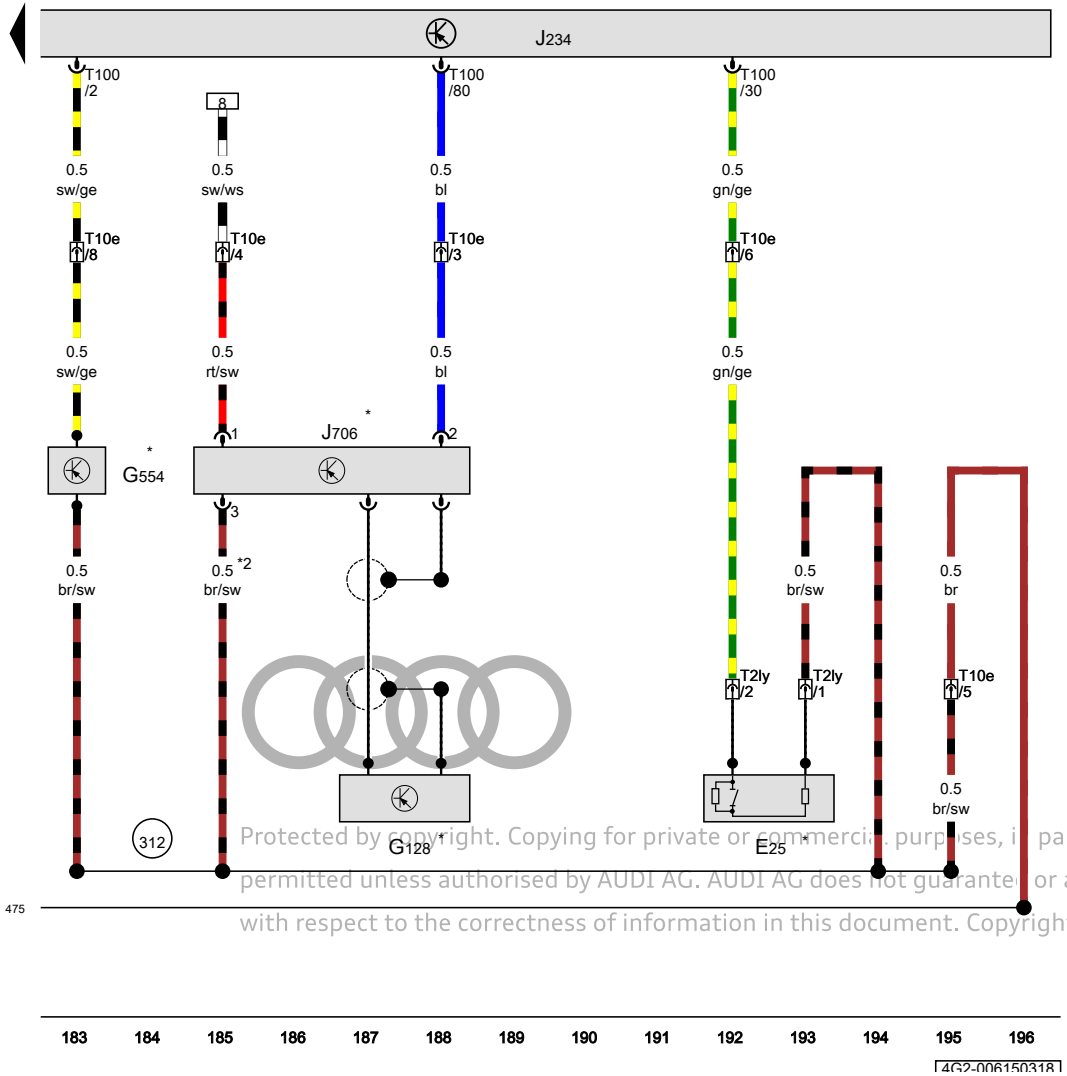


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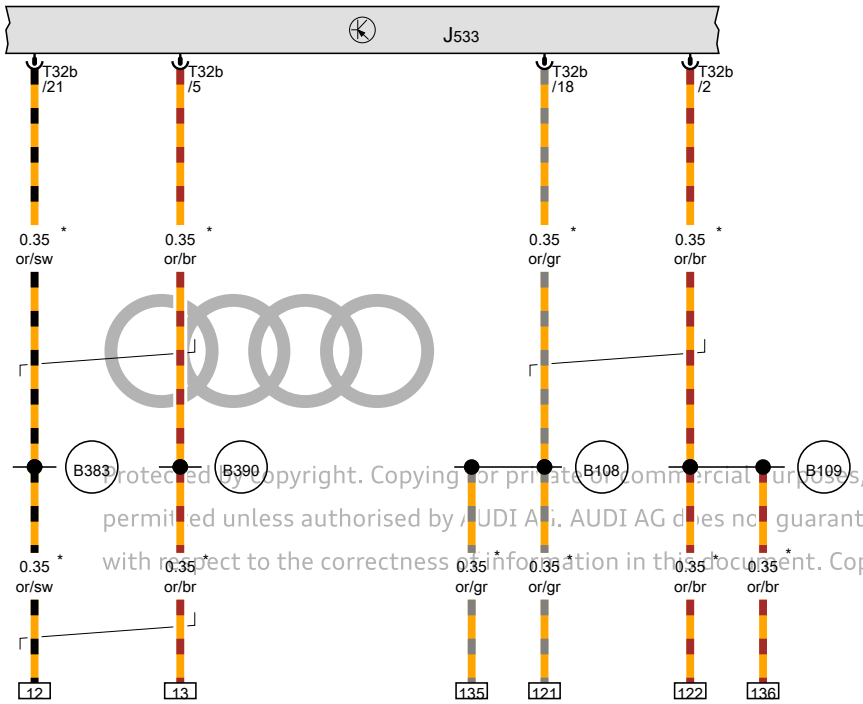
Front passenger side belt switch, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit

E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G554	Front passenger side seat position sensor
J234	Airbag control unit
J706	Seat occupied recognition control unit
T2ly	2-pin connector, in front passenger seat
T10e	10-pin connector, in coupling point for front seat, right
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness
*	For American markets
*2	Wiring colour depends on equipment



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Data bus diagnostic interface

J533 Data bus diagnostic interface
T32b 32-pin connector
B108 Connection 1 (CAN bus extended high), in main wiring harness
B109 Connection 1 (CAN bus extended low), in main wiring harness
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
* Data bus wire (CAN bus)

197 198 199 200 201 202 203 204 205 206 207 208 209 210

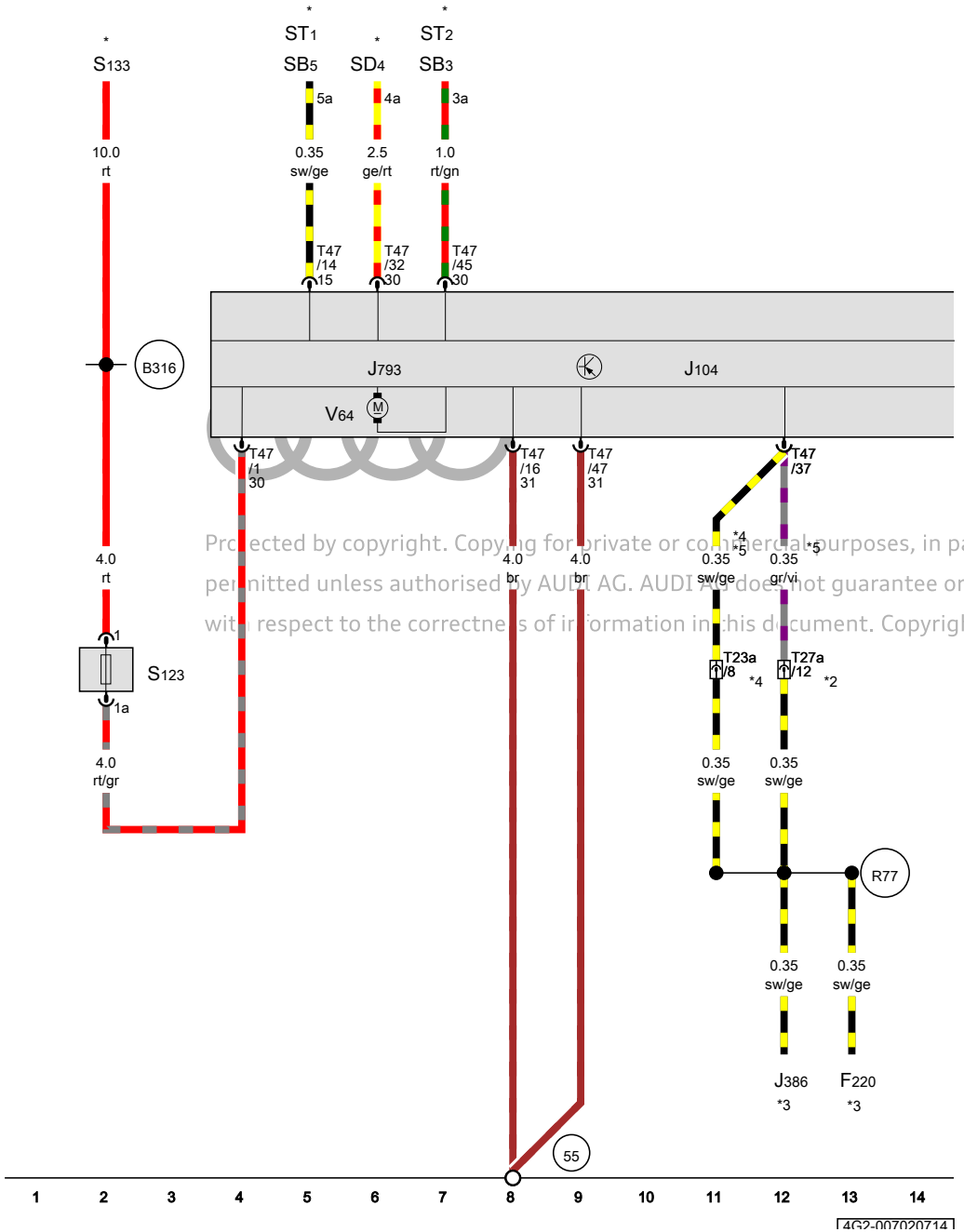
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Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS) and electronic stabilisation program (ESP)

From January 2011

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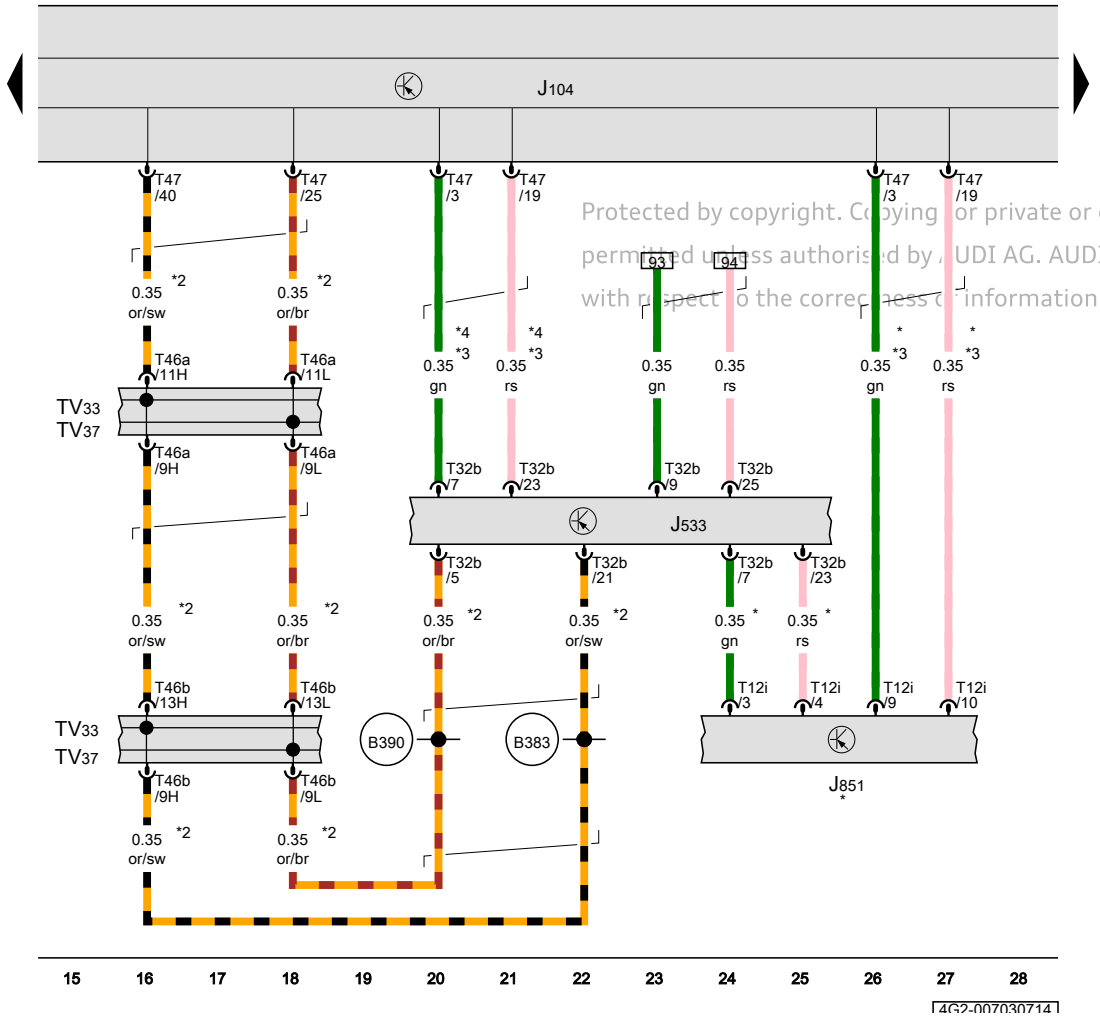
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ABS control unit, Tyre Pressure Monitoring System control unit 2, ABS control unit fuse 1

F220	Driver side central locking lock unit
J104	ABS control unit
J386	Driver door control unit
J793	Tyre Pressure Monitoring System control unit 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB3	Fuse 3 on fuse holder B
SD4	Fuse 4 on fuse holder D
SB5	Fuse 5 on fuse holder B
S123	ABS control unit fuse 1
S133	Fuse 3
T23a	23-pin connector, on left A-pillar
T27a	27-pin connector, on left A-pillar
T47	47-pin connector
V64	ABS hydraulic pump
55	Earth point, next to ABS control unit
B316	Positive connection 2 (30a) in main wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to May 2011
*3	see applicable current flow diagram for convenience system
*4	From June 2011
*5	Only models with adaptive cruise control (ACC)

ABS control unit, Wiring junction for powertrain CAN bus, high, Wiring junction for powertrain CAN bus, low

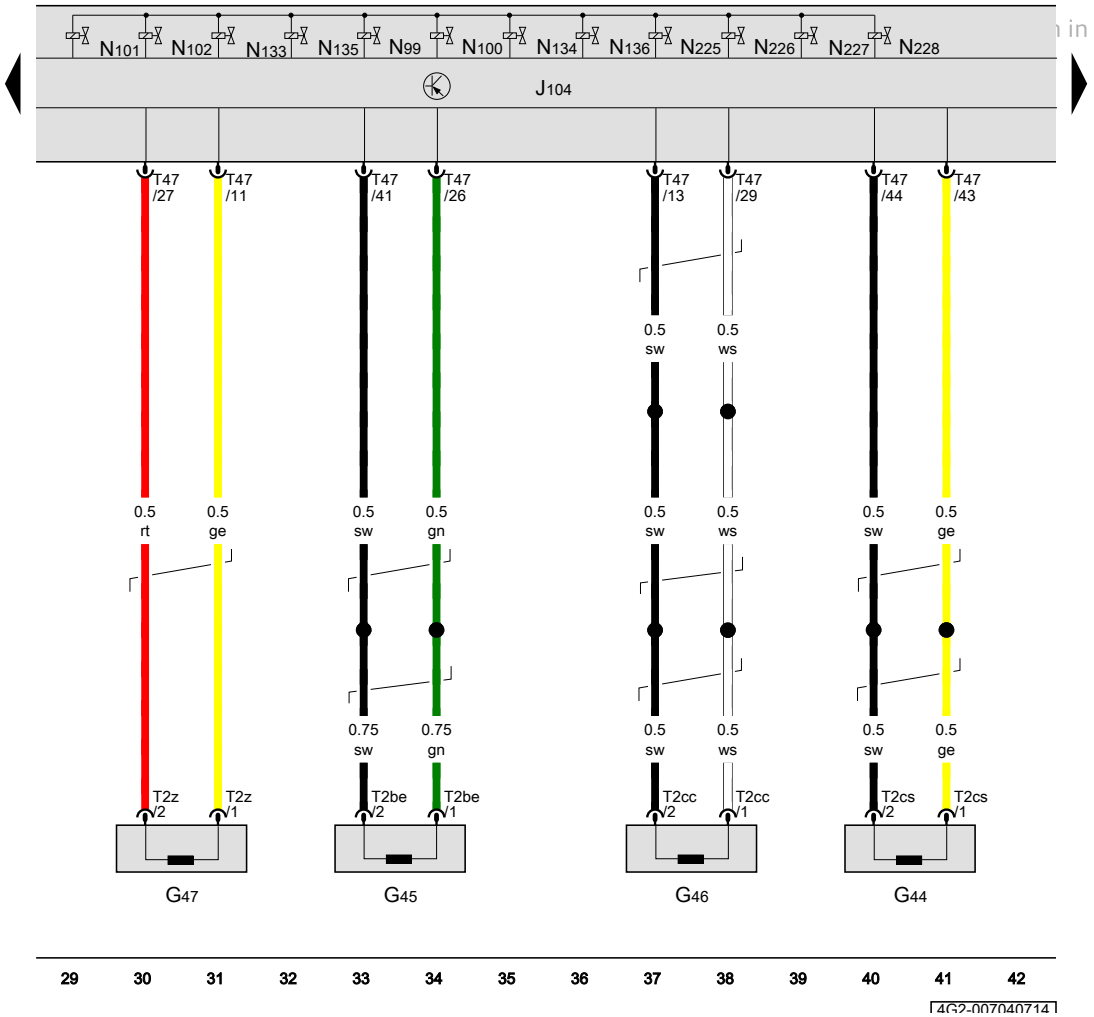
J104	ABS control unit
J533	Data bus diagnostic interface
J851	Image processing control unit
T12i	12-pin connector
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
T47	47-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with adaptive cruise control (ACC)
*2	Data bus wire (CAN bus)
*3	Data bus wire (FlexRay bus)
*4	Only models with no adaptive cruise control (ACC)



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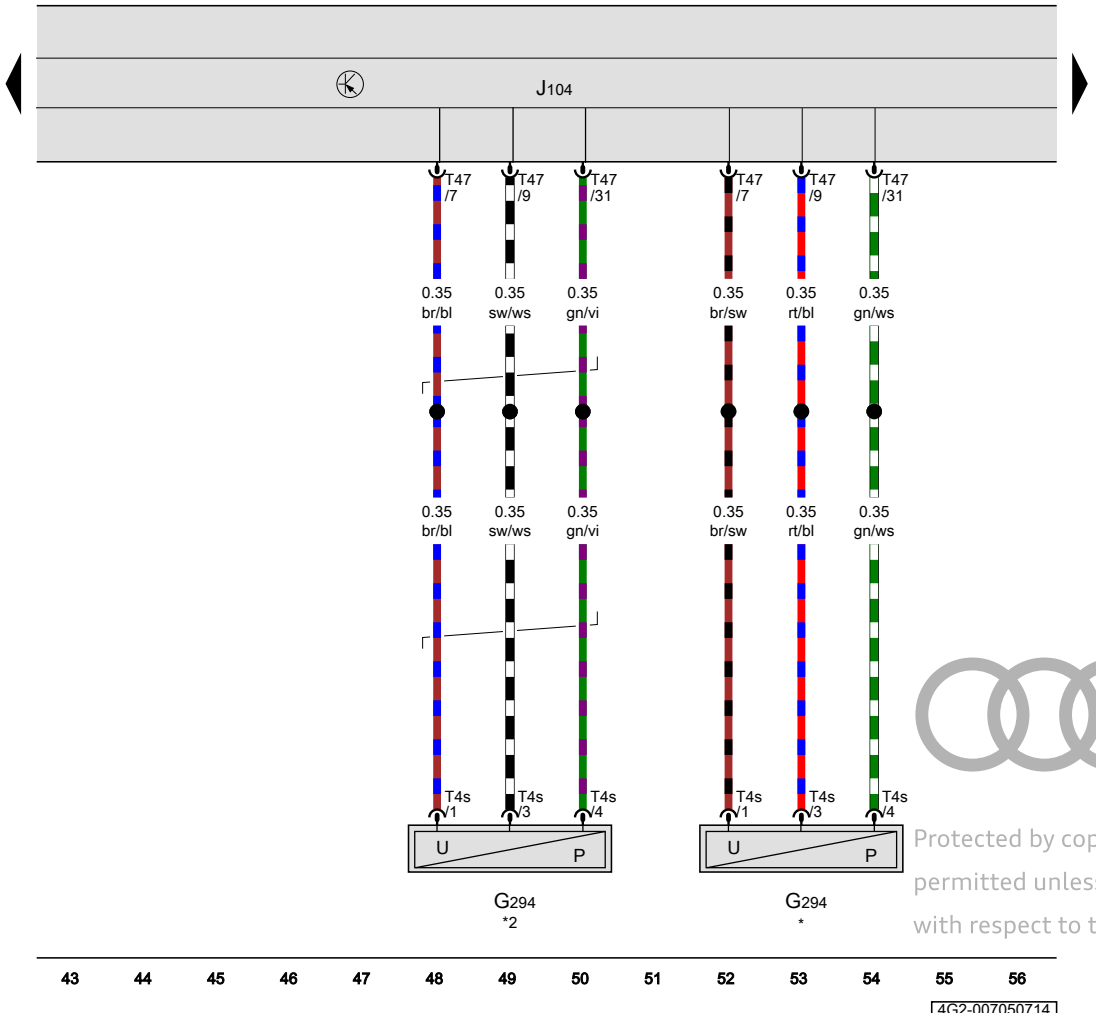
Front right speed sensor, Rear left speed sensor, ABS control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T2be	2-pin connector
T2cc	2-pin connector
T2cs	2-pin connector
T2z	2-pin connector
T47	47-pin connector

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Brake servo pressure sensor, ABS control unit

G294	Brake servo pressure sensor
J104	ABS control unit
T4s	4-pin connector
T47	47-pin connector
*	Only models with start/stop system
*2	Only models with hybrid drive system

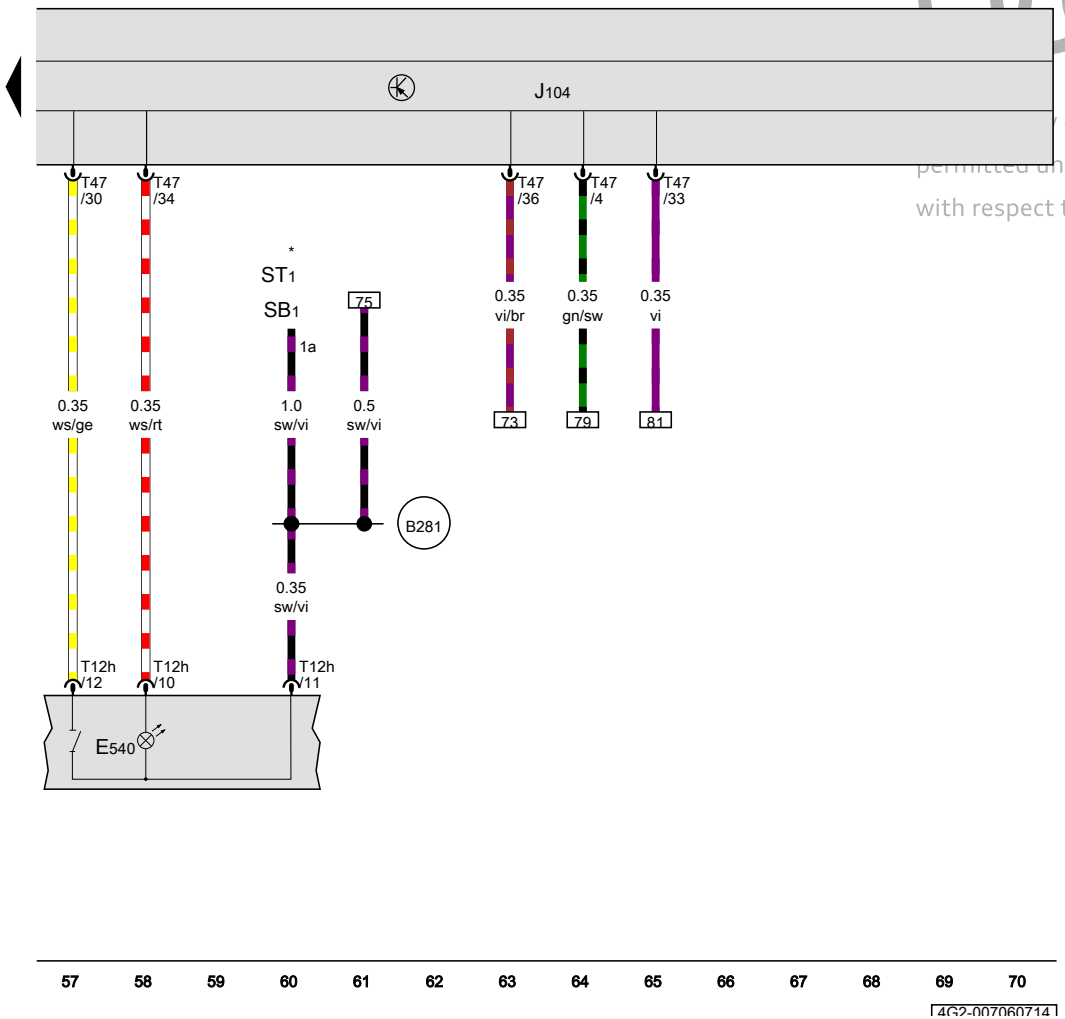


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Auto-hold button, ABS control unit

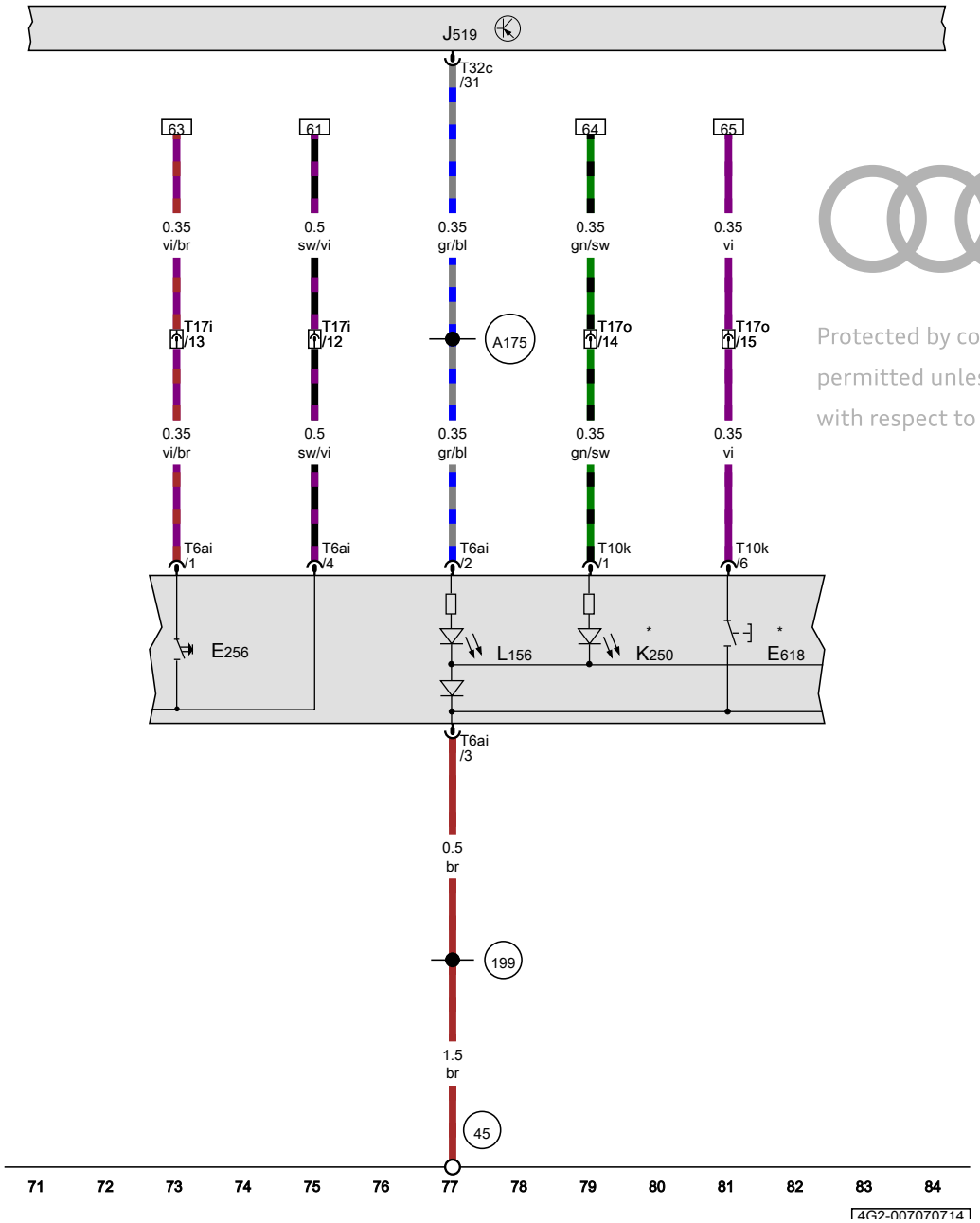
E540	Auto-hold button
J104	ABS control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T12h	12-pin connector
T47	47-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment



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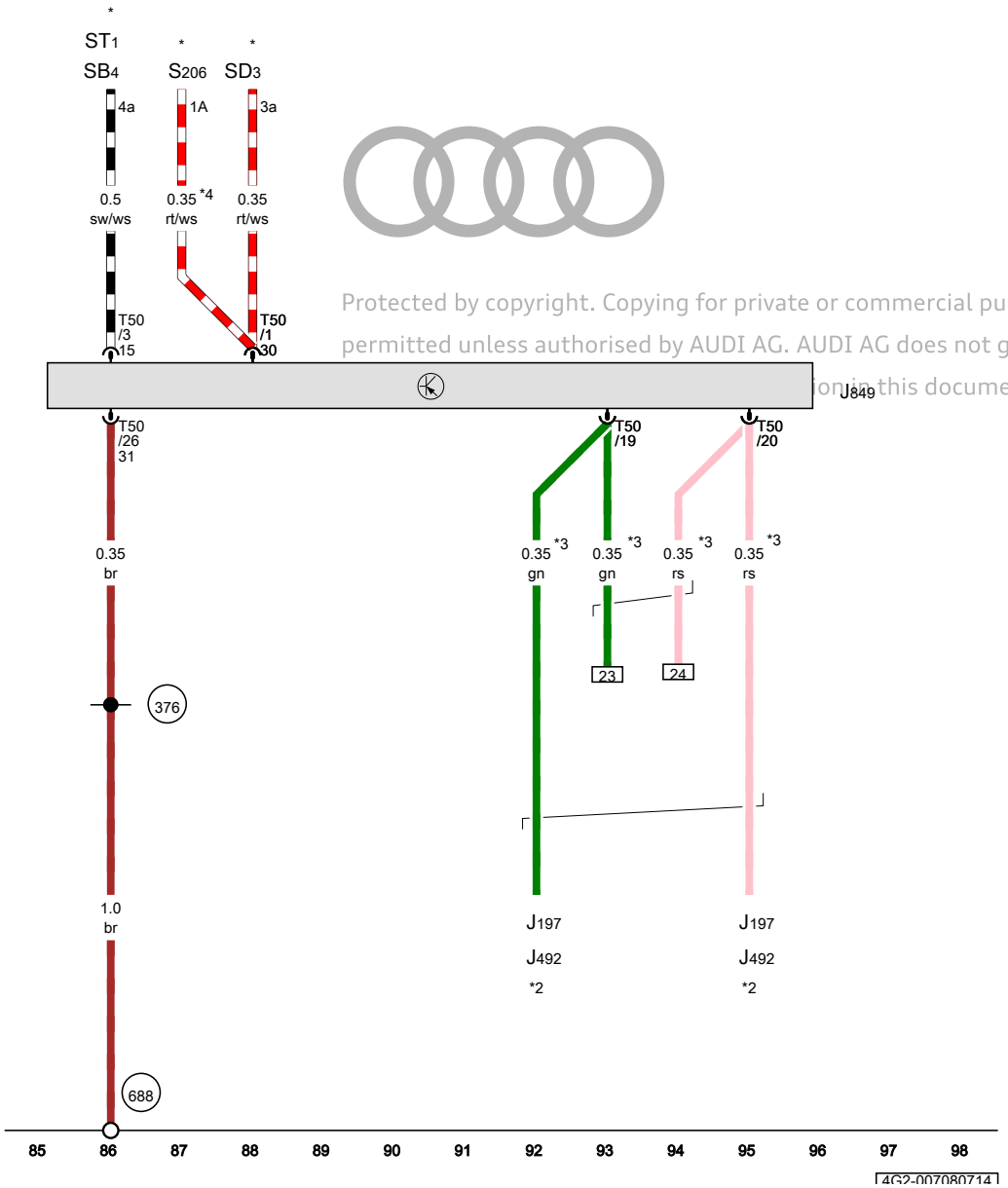
TCS and ESP button, Hill descent control button, Onboard supply control unit



E256	TCS and ESP button
E618	Hill descent control button
J519	Onboard supply control unit
K250	Warning lamp for hill descent control
L156	Switch illumination bulb
T6ai	6-pin connector
T10k	10-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness
*	Only models with all-wheel drive

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Control unit for sensor electronics

J197	Adaptive suspension control unit
J492	All-wheel drive control unit
J849	Control unit for sensor electronics
ST1	Fuse carrier 1
SD3	Fuse 3 on fuse holder D
SB4	Fuse 4 on fuse holder B
S206	Fuse 3 (30)
T50	50-pin connector
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Data bus wire (FlexRay bus)
*4	Only right-hand drive models

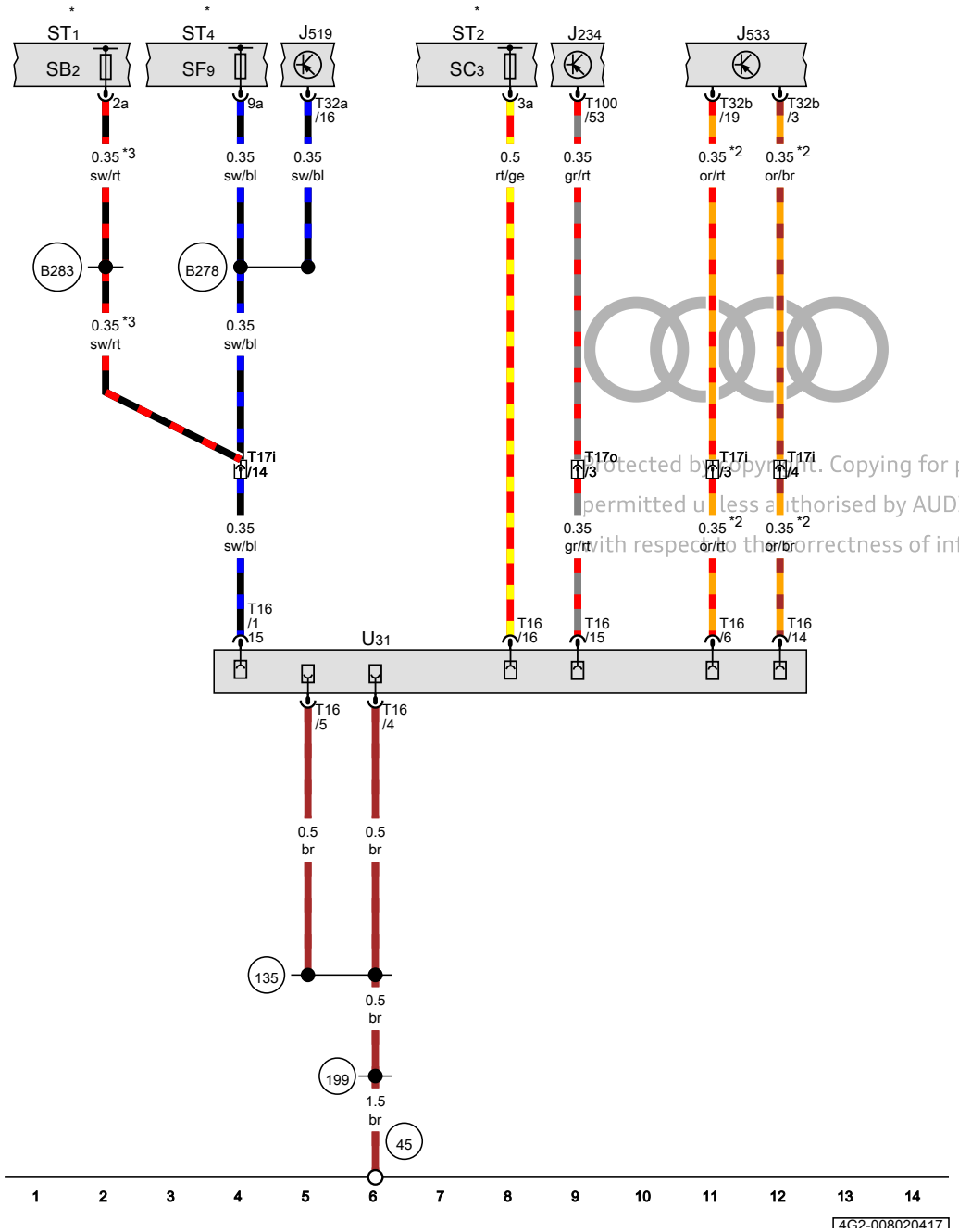
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ge	=	yellow
or	=	orange
rs	=	pink

Diagnostic connector

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Onboard supply control unit, Data bus diagnostic interface, Diagnostic connection



J234	Airbag control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
ST4	Fuse carrier 4
SF9	Fuse 9 in fuse holder F
T16	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32a	32-pin connector
T32b	32-pin connector
T100	100-pin connector
U31	Diagnostic connection
45	Earth point, centre behind dash panel
135	Earth connection 2, in dash panel wiring harness
199	Earth connection 3, in dash panel wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

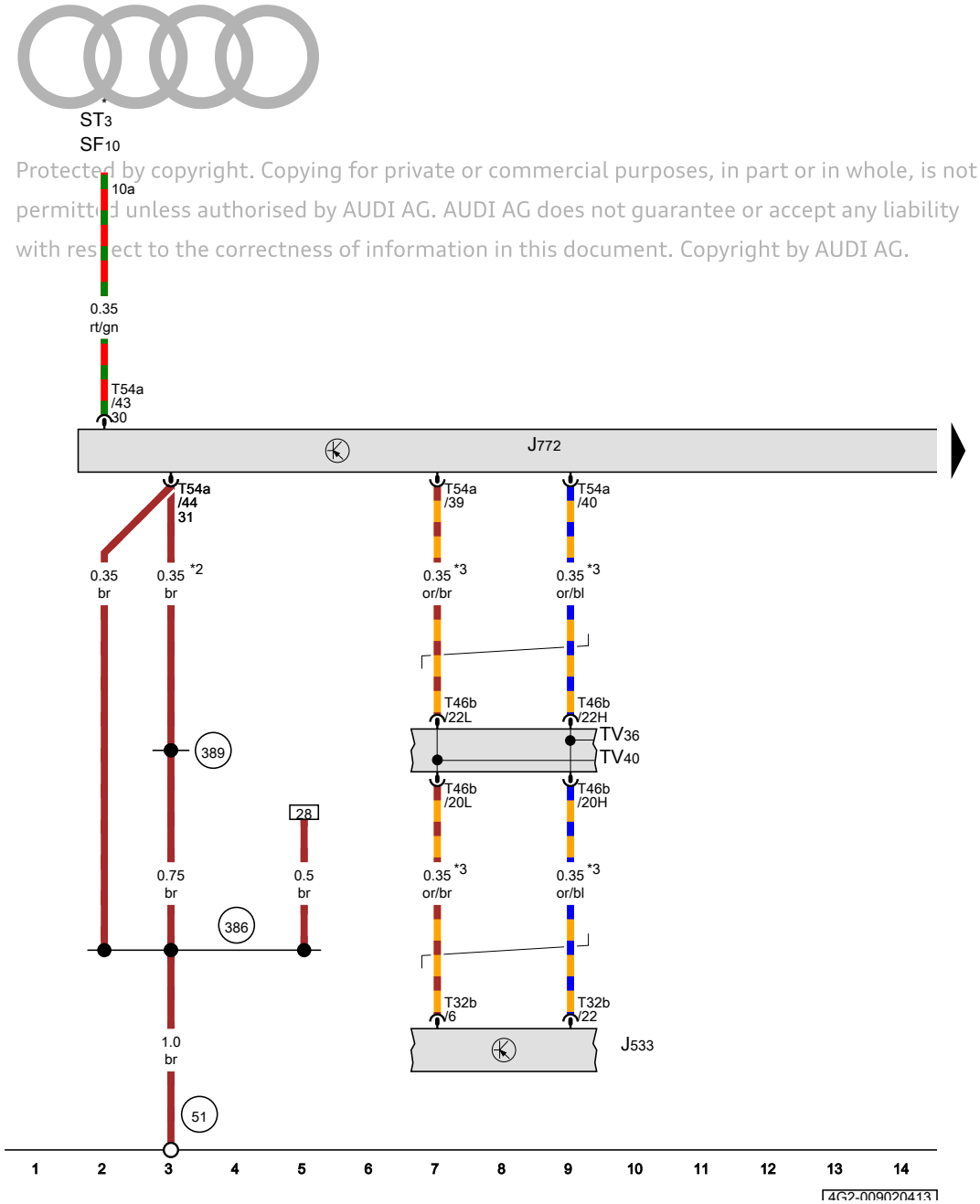
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Reversing camera (Rear Assist)

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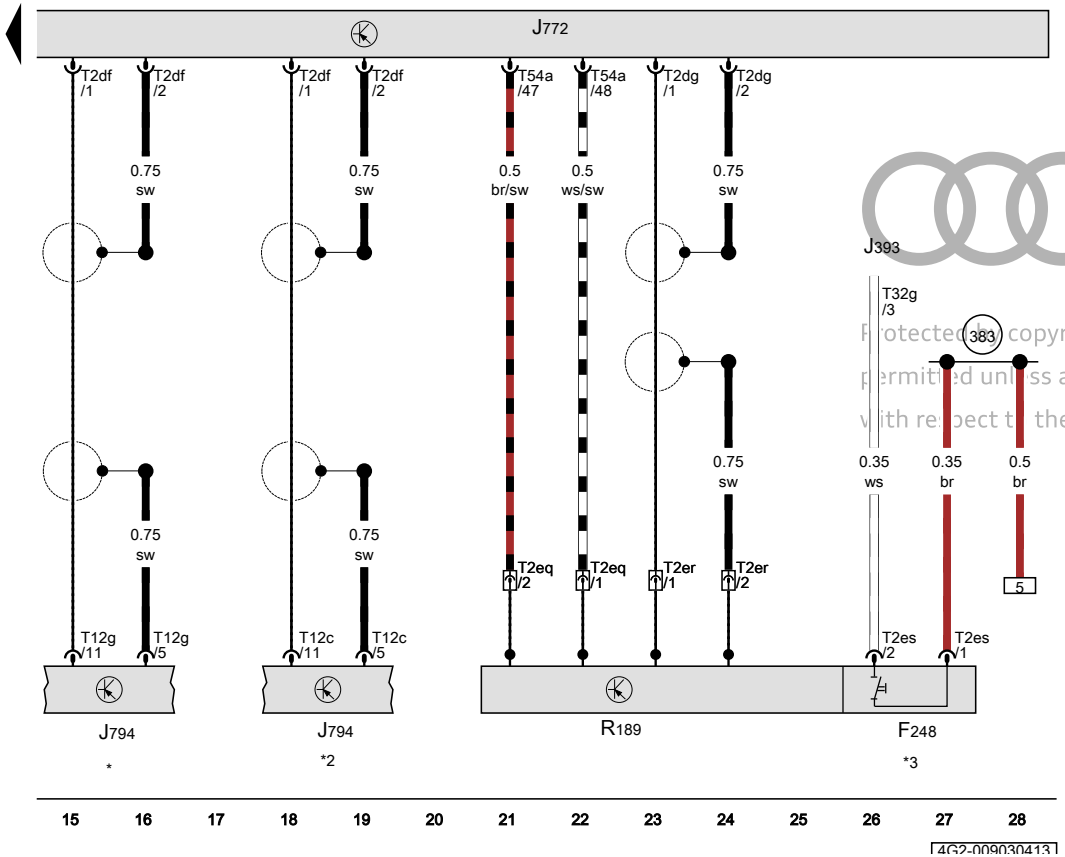
Reversing camera system control unit

J533	Data bus diagnostic interface
J772	Reversing camera system control unit
ST3	Fuse carrier 3
SF10	Fuse 10 in fuse holder F
T32b	32-pin connector
T46b	46-pin connector
T54a	54-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Release button for rear lid lock cylinder, Reversing camera system control unit, Reversing camera

F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
T2df	2-pin connector
T2dg	2-pin connector
T2eq	2-pin connector, under reversing camera cover
T2er	2-pin connector, under reversing camera cover
T2es	2-pin connector
T12c	12-pin connector
T12g	12-pin connector
T32g	32-pin connector
T54a	54-pin connector
383	Earth connection 18, in main wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	Only models with RMC radio system
*3	Only models with reversing camera system



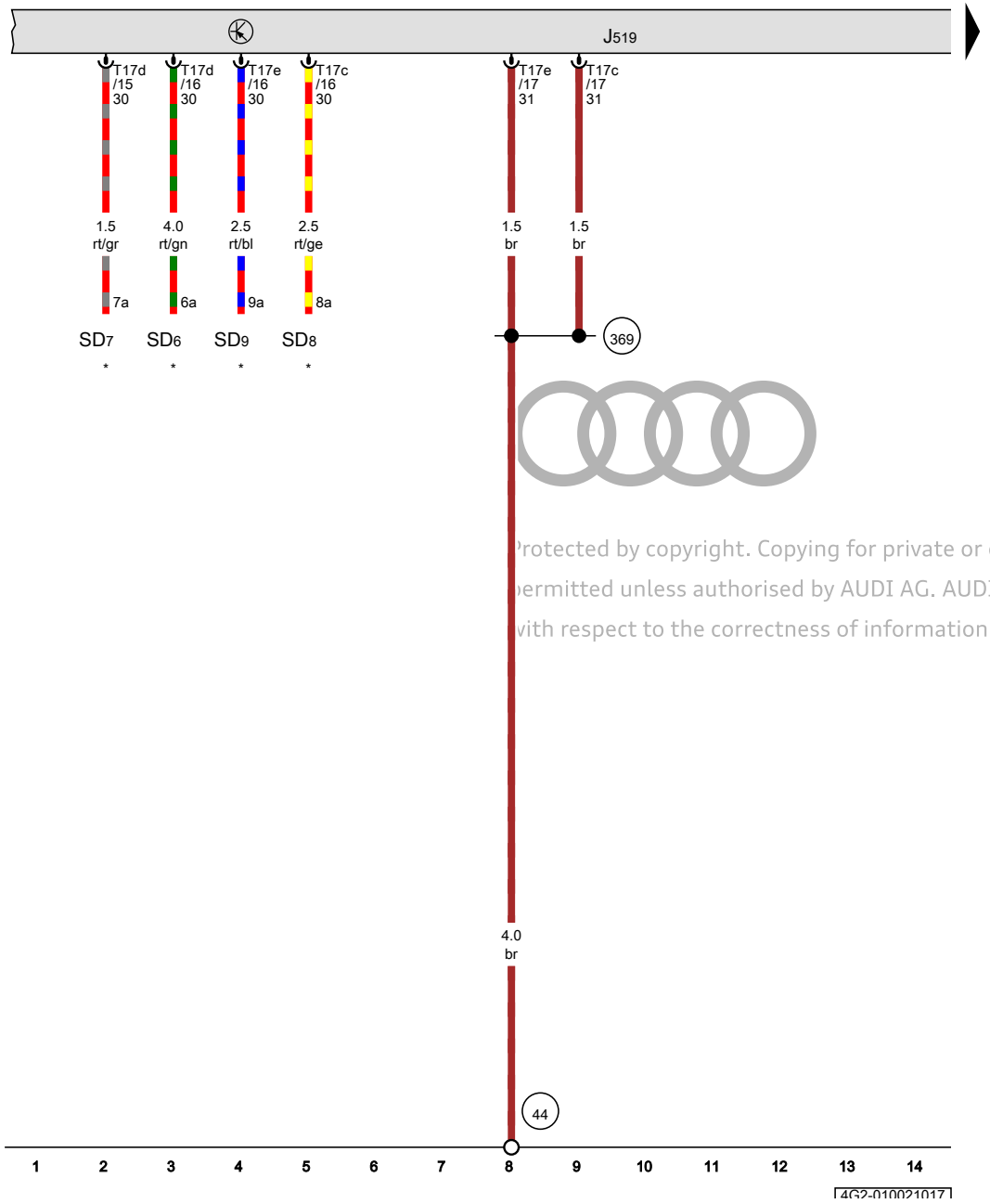
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Gas discharge headlights (bi-xenon) with automatic headlight range control, cornering light, LED daytime running lights

From January 2011

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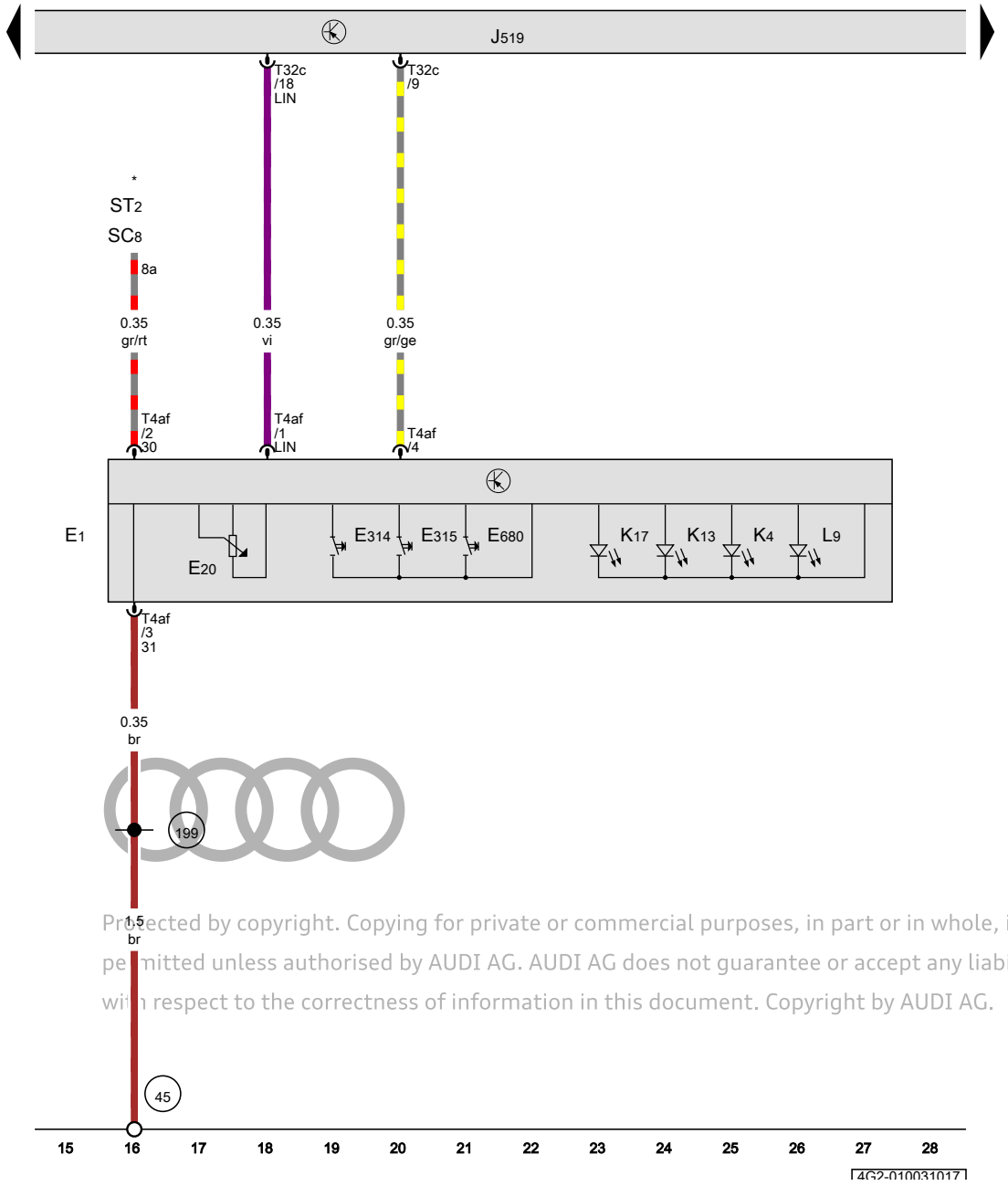


Onboard supply control unit

J519	Onboard supply control unit
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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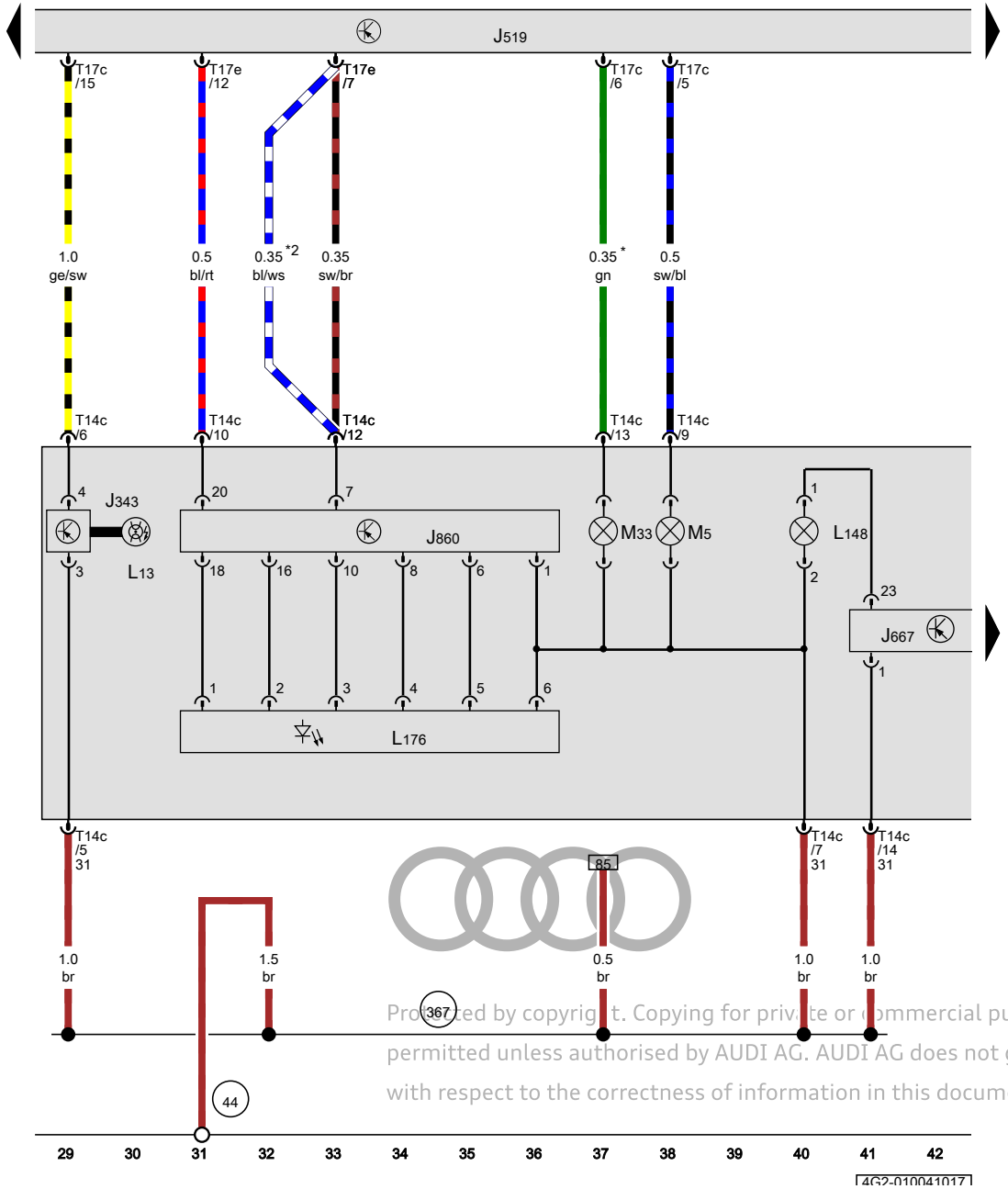


Light switch, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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rt	=	red
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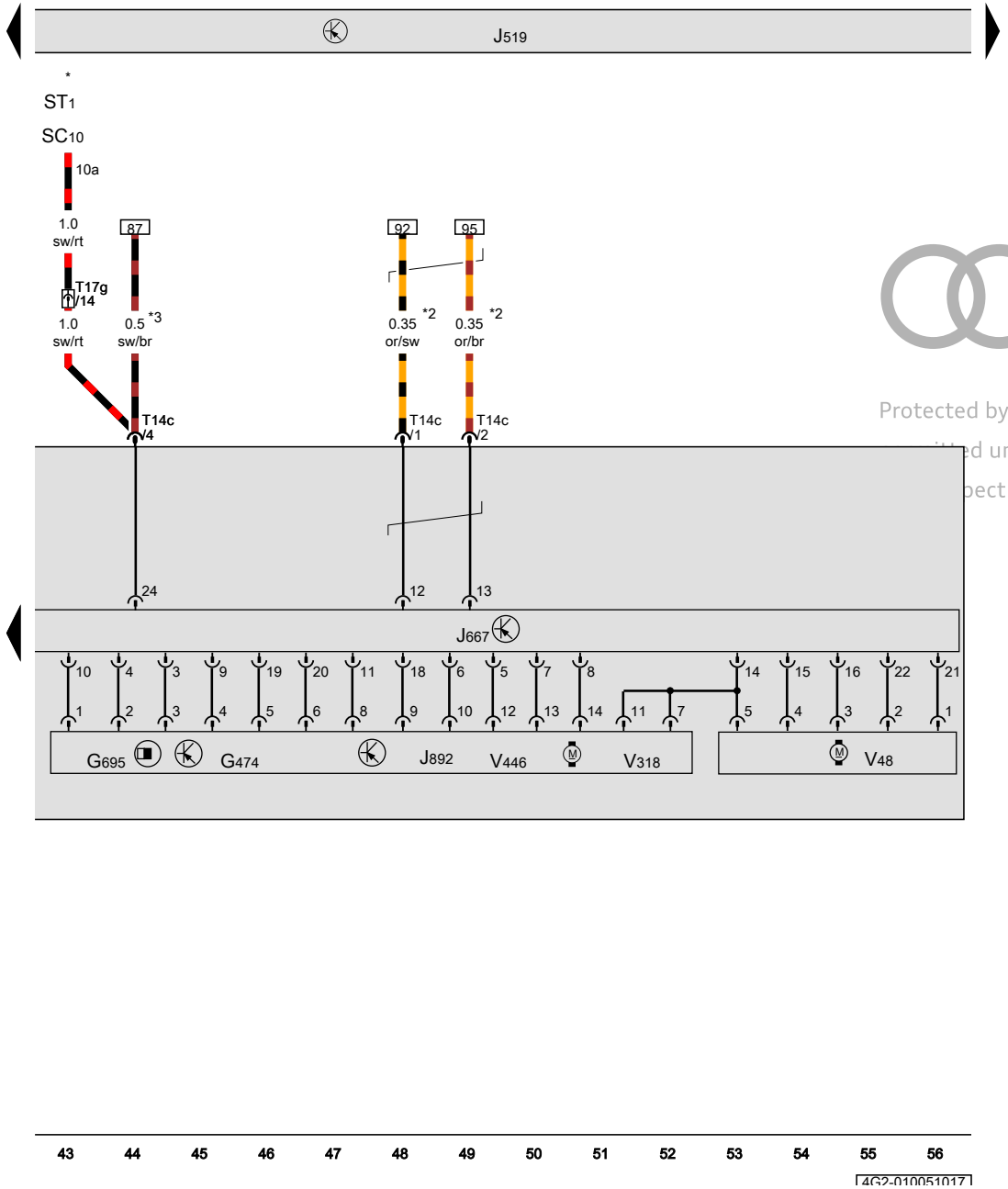


Left gas discharge bulb control unit, Onboard supply control unit, Output module for left headlight, Left cornering light bulb, Left LED module for daytime running light and side light, Front left turn signal bulb, Front left side marker bulb

J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Output module for left headlight
J860	Control unit for left daytime running light and side light
L13	Left gas discharge (xenon) bulb
L148	Left cornering light bulb
L176	Left LED module for daytime running light and side light
M5	Front left turn signal bulb
M33	Front left side marker bulb
T14c	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
*	For American markets
*2	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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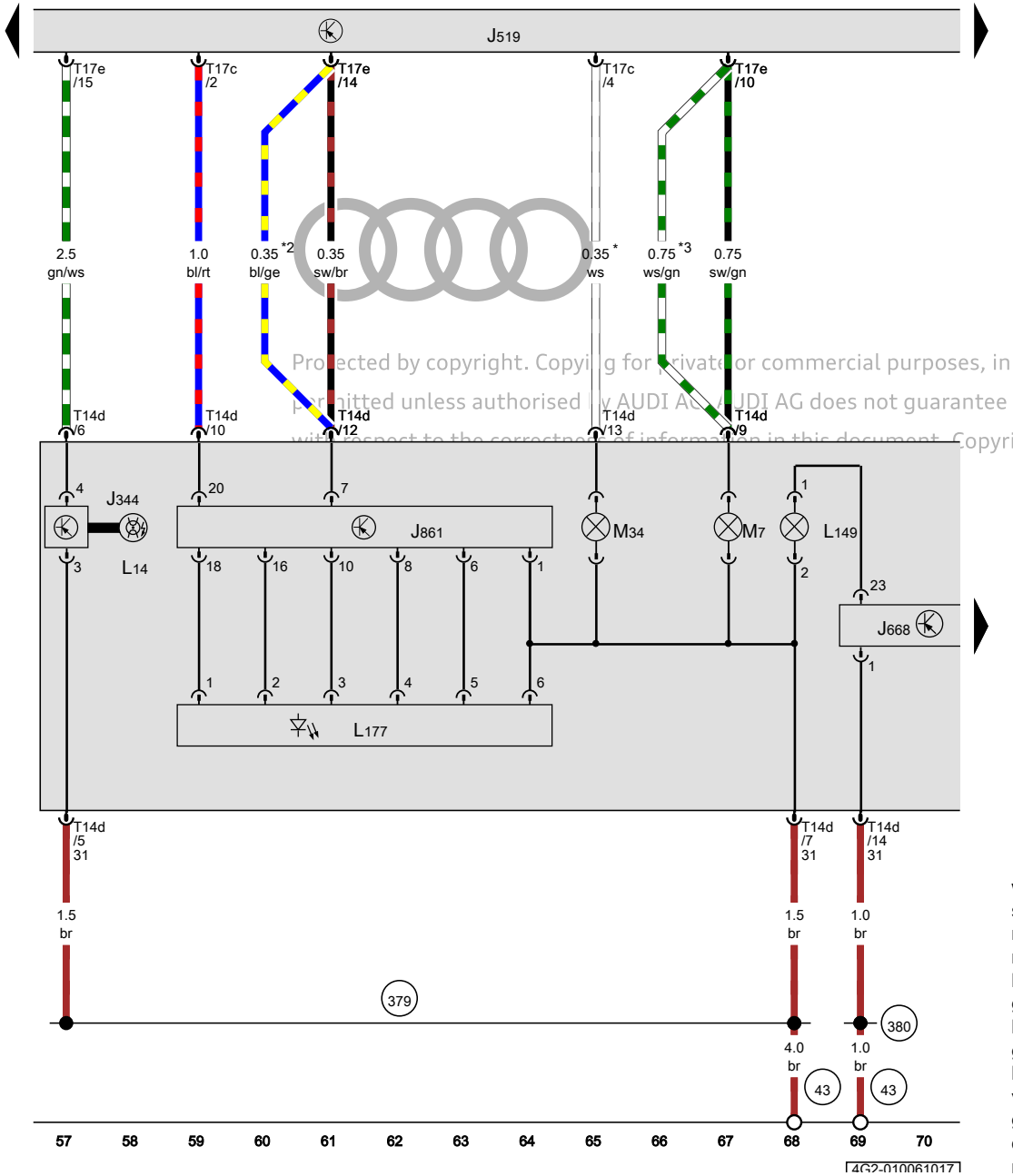


Onboard supply control unit, Output module for left headlight, Output module 2 for left headlight, Left headlight range control motor

G474	Left swivel module position sensor
G695	Control motor sender for left VARILIS headlight
J519	Onboard supply control unit
J667	Output module for left headlight
J892	Output module 2 for left headlight
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T14c	14-pin connector
T17g	17-pin connector, in left A-pillar coupling station
V48	Left headlight range control motor
V318	Left dynamic cornering light control motor
V446	Control motor for left VARILIS headlight
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2011

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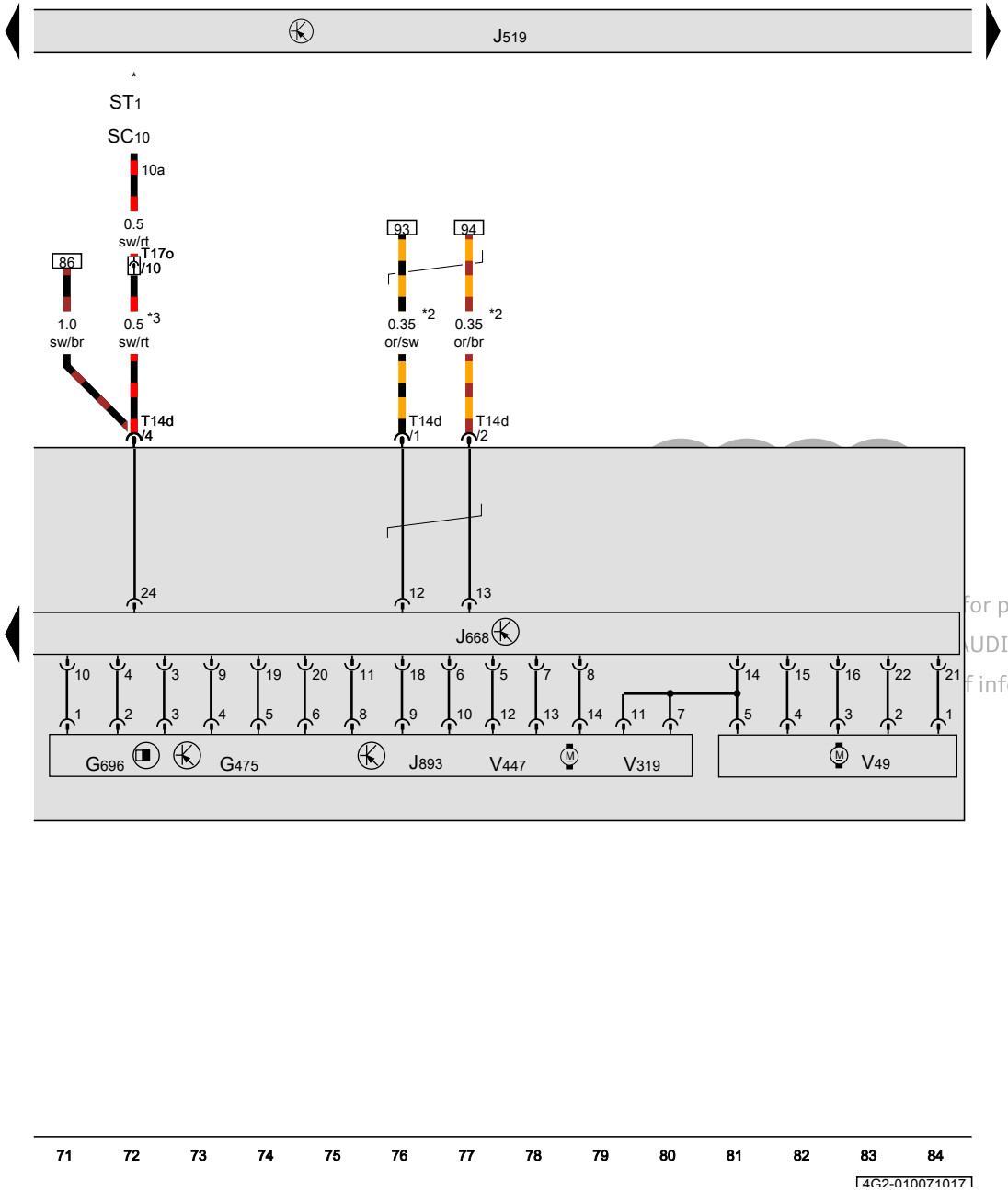


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Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Right cornering light bulb, Right LED module for daytime running light and side light, Front right turn signal bulb, Front right side marker bulb

J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Output module for right headlight
J861	Control unit for right daytime running light and side light
L14	Right gas discharge (xenon) bulb
L149	Right cornering light bulb
L177	Right LED module for daytime running light and side light
M7	Front right turn signal bulb
M34	Front right side marker bulb
T14d	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
380	Earth connection 15, in main wiring harness
*	For American markets
*2	From June 2011
*3	gradual introduction

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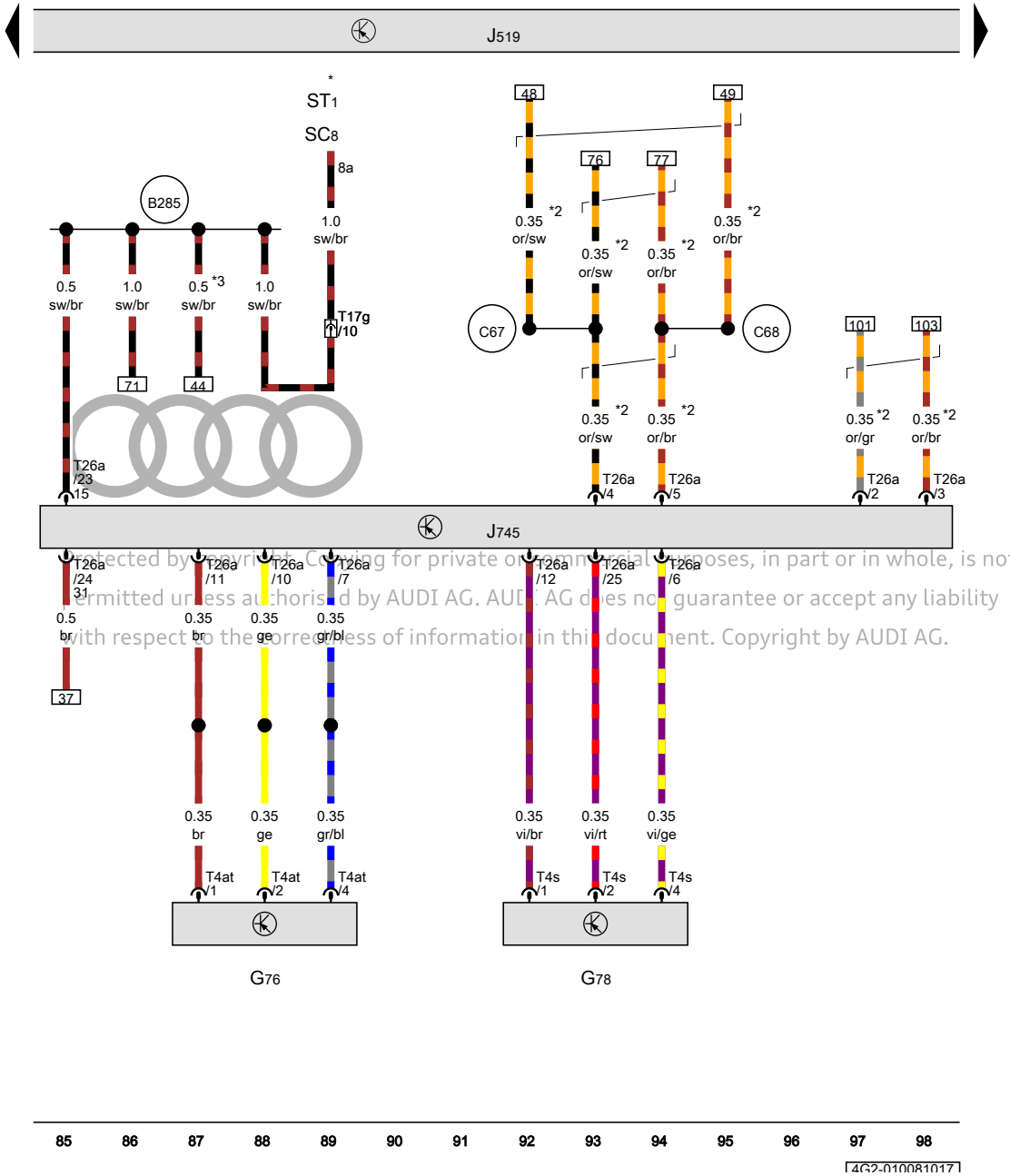


Onboard supply control unit, Output module for right headlight, Output module 2 for right headlight, Right headlight range control motor

G475	Right swivel module position sensor
G696	Control motor sender for right VARILIS headlight
J519	Onboard supply control unit
J668	Output module for right headlight
J893	Output module 2 for right headlight
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T14d	14-pin connector
T17o	17-pin connector, in right A-pillar coupling station
V49	Right headlight range control motor
V319	Right dynamic cornering light control motor
V447	Control motor for right VARILIS headlight
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2011

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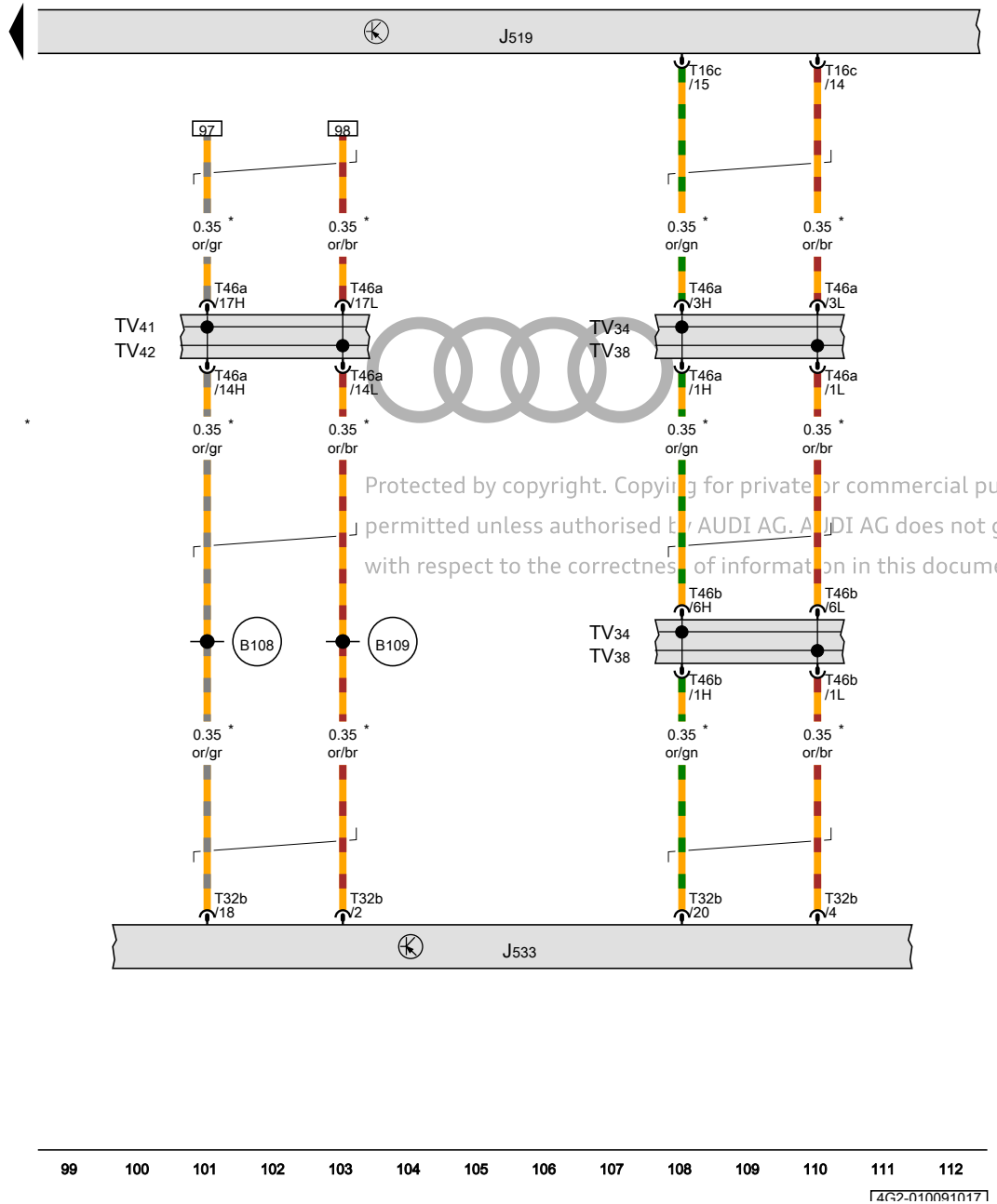


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Rear left vehicle level sender, Front left vehicle level sender, Onboard supply control unit, Control unit for cornering light and headlight range control

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
J745	Control unit for cornering light and headlight range control
ST1	Fuse carrier 1
SC8	Fuse 8 on fuse holder C
T4at	4-pin connector
T4s	4-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T26a	26-pin connector
B285	Positive connection 9 (15a) in main wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2011

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Onboard supply control unit, Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for CAN bus extended high

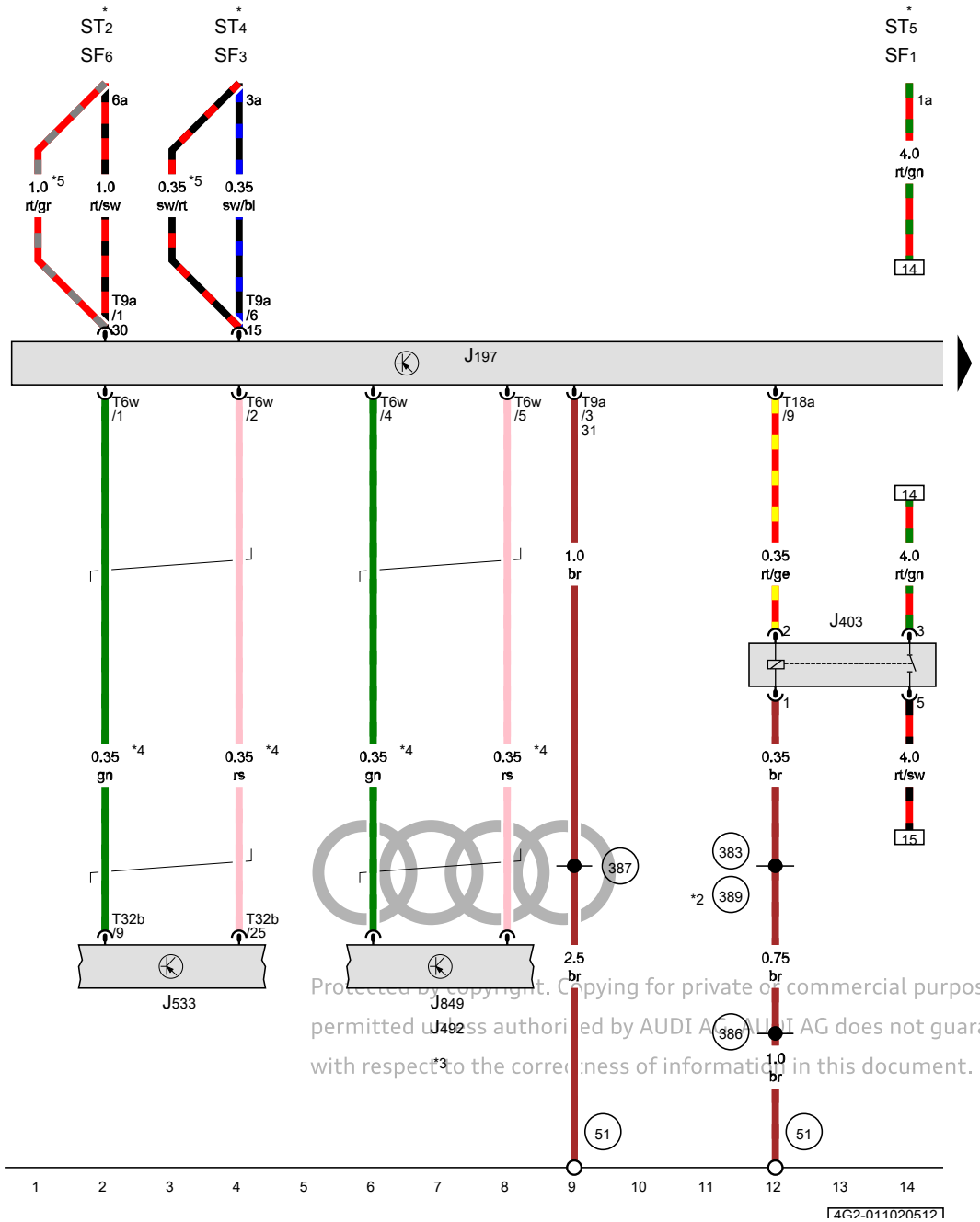
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Adaptive suspension

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Adaptive suspension control unit

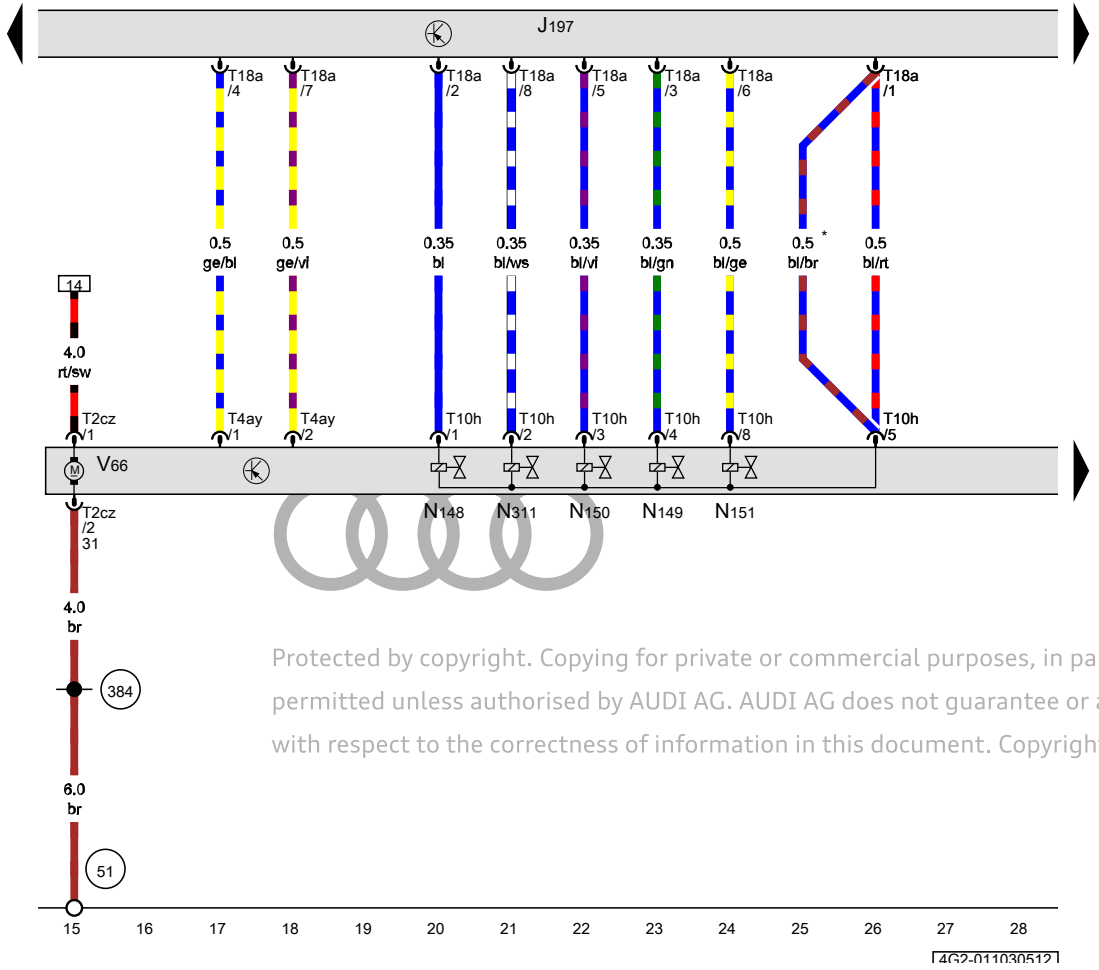
J197	Adaptive suspension control unit
J403	Adaptive suspension compressor relay
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J849	Control unit for sensor electronics
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
T6w	6-pin connector
T9a	9-pin connector
T18a	18-pin connector
T32b	32-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
387	Earth connection 22, in main wiring harness
389	Earth connection 24, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	see applicable current flow diagram for data bus network
*4	Data bus wire (FlexRay bus)
*5	From June 2011

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Adaptive suspension control unit, Front left suspension strut valve, Rear left suspension strut valve, Adaptive suspension compressor motor

J197	Adaptive suspension control unit
N148	Front left suspension strut valve
N149	Front right suspension strut valve
N150	Rear left suspension strut valve
N151	Rear right suspension strut valve
N311	Adaptive suspension pressure accumulator valve
T2cz	2-pin connector
T4ay	4-pin connector
T10h	10-pin connector
T18a	18-pin connector
V66	Adaptive suspension compressor motor
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	From June 2011



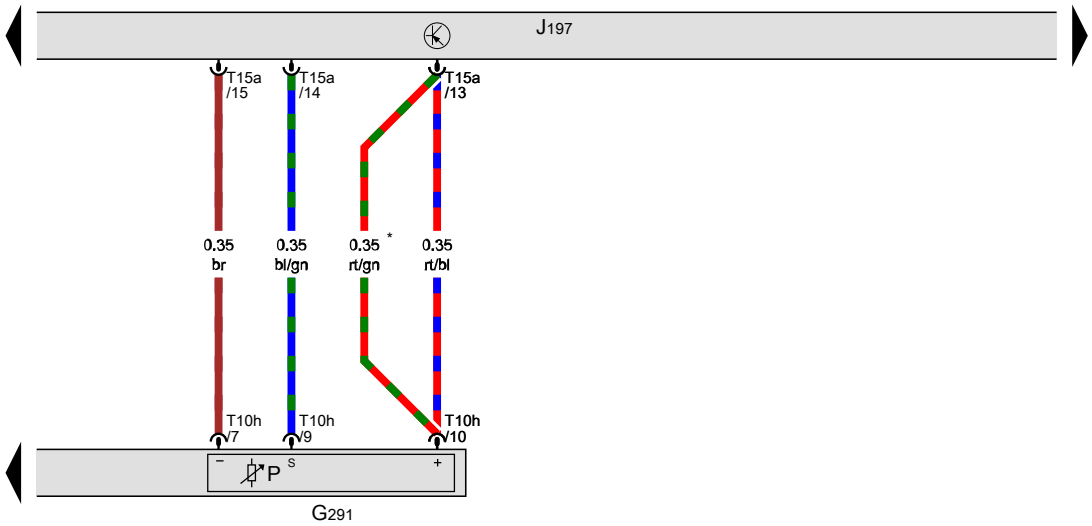
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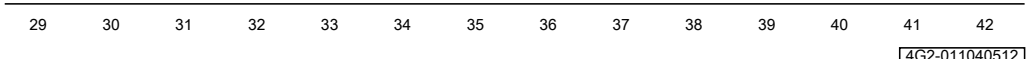
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or	=	orange
rs	=	pink

Pressure sender for adaptive suspension, Adaptive suspension control unit

G291	Pressure sender for adaptive suspension
J197	Adaptive suspension control unit
T10h	10-pin connector
T15a	15-pin connector
*	From June 2011

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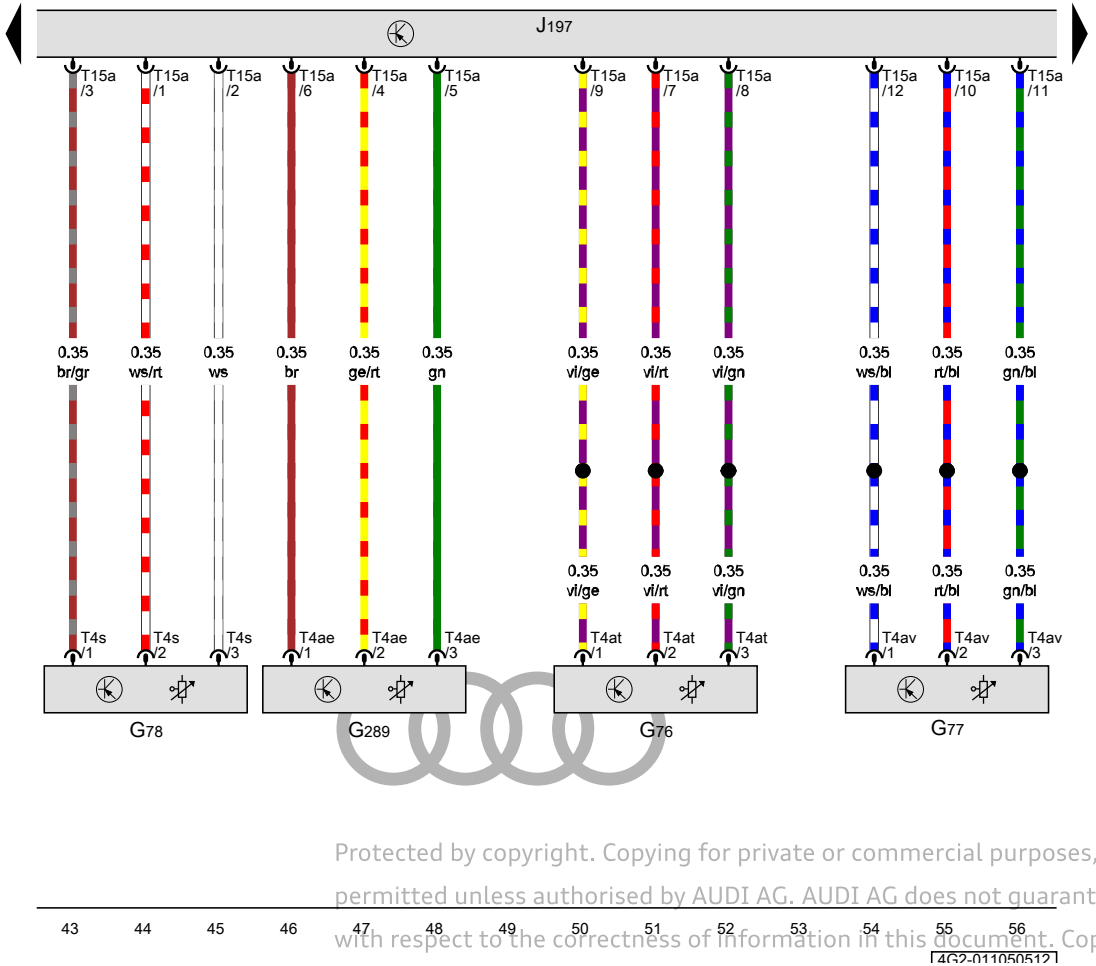




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Rear left vehicle level sender, Front left vehicle level sender, Adaptive suspension control unit

G76	Rear left vehicle level sender
G77	Rear right vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
J197	Adaptive suspension control unit
T4ae	4-pin connector
T4at	4-pin connector
T4av	4-pin connector
T4s	4-pin connector
T15a	15-pin connector

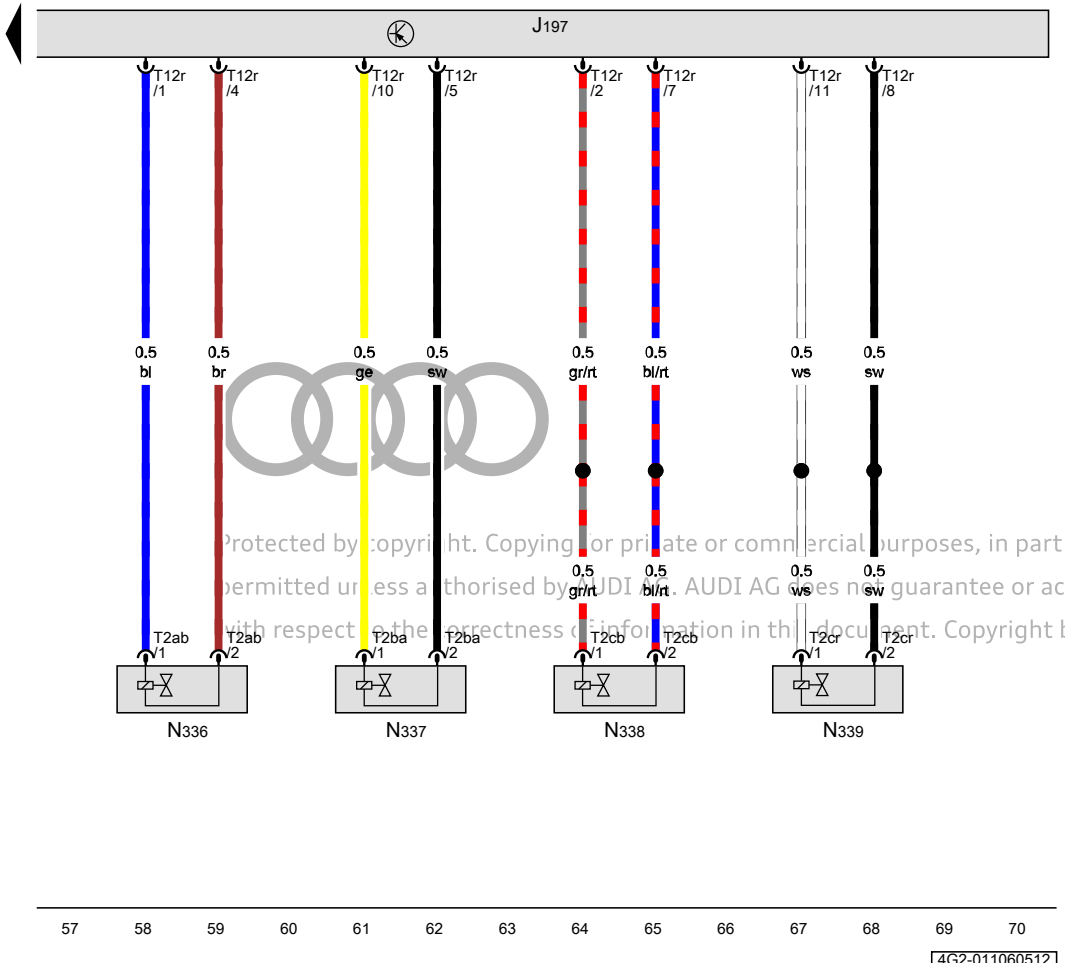


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Adaptive suspension control unit, Front left shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve

J197	Adaptive suspension control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2ab	2-pin connector
T2ba	2-pin connector
T2cb	2-pin connector
T2cr	2-pin connector
T12r	12-pin connector



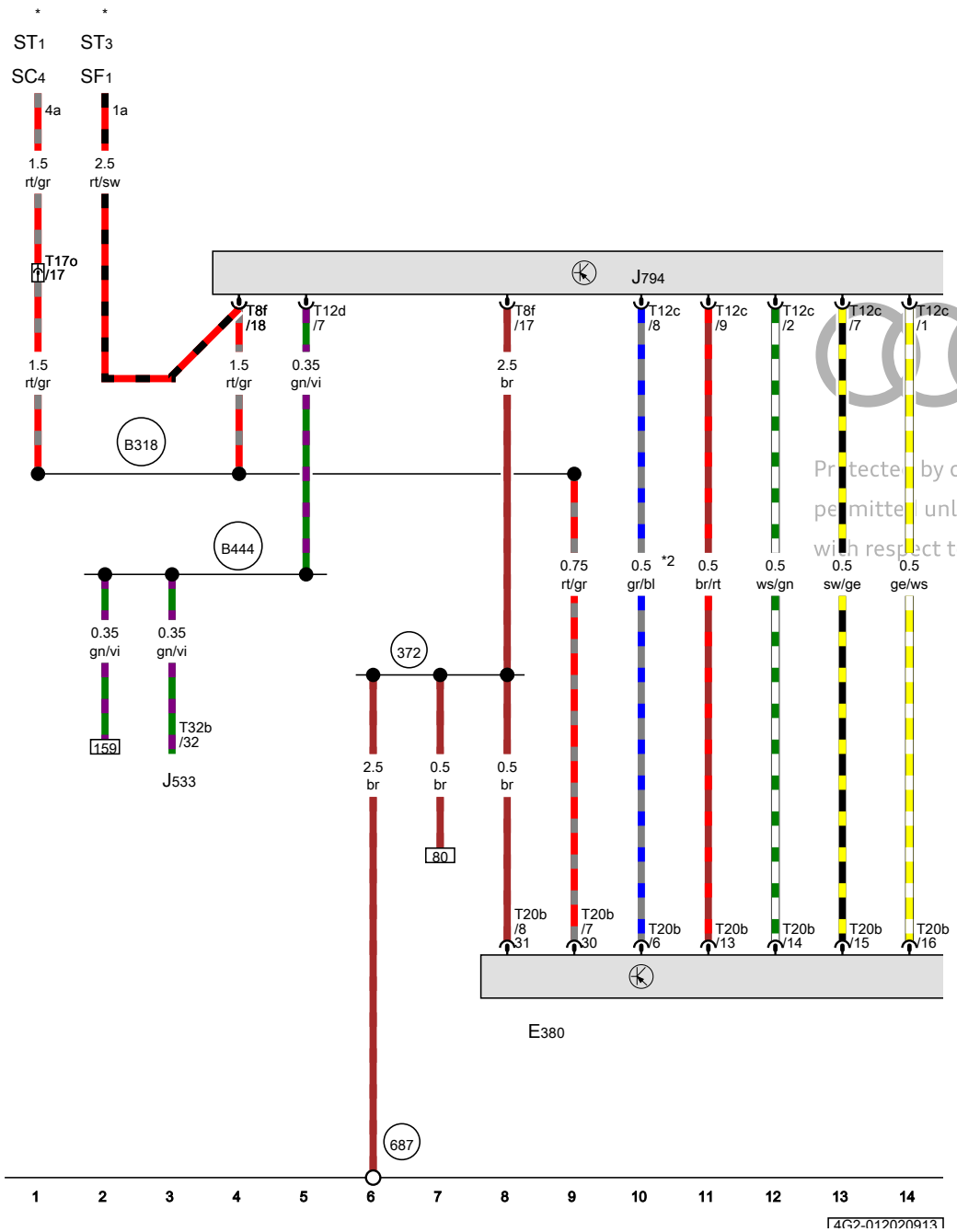
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Radio system plus (RMC) with Audi sound system

From January 2011

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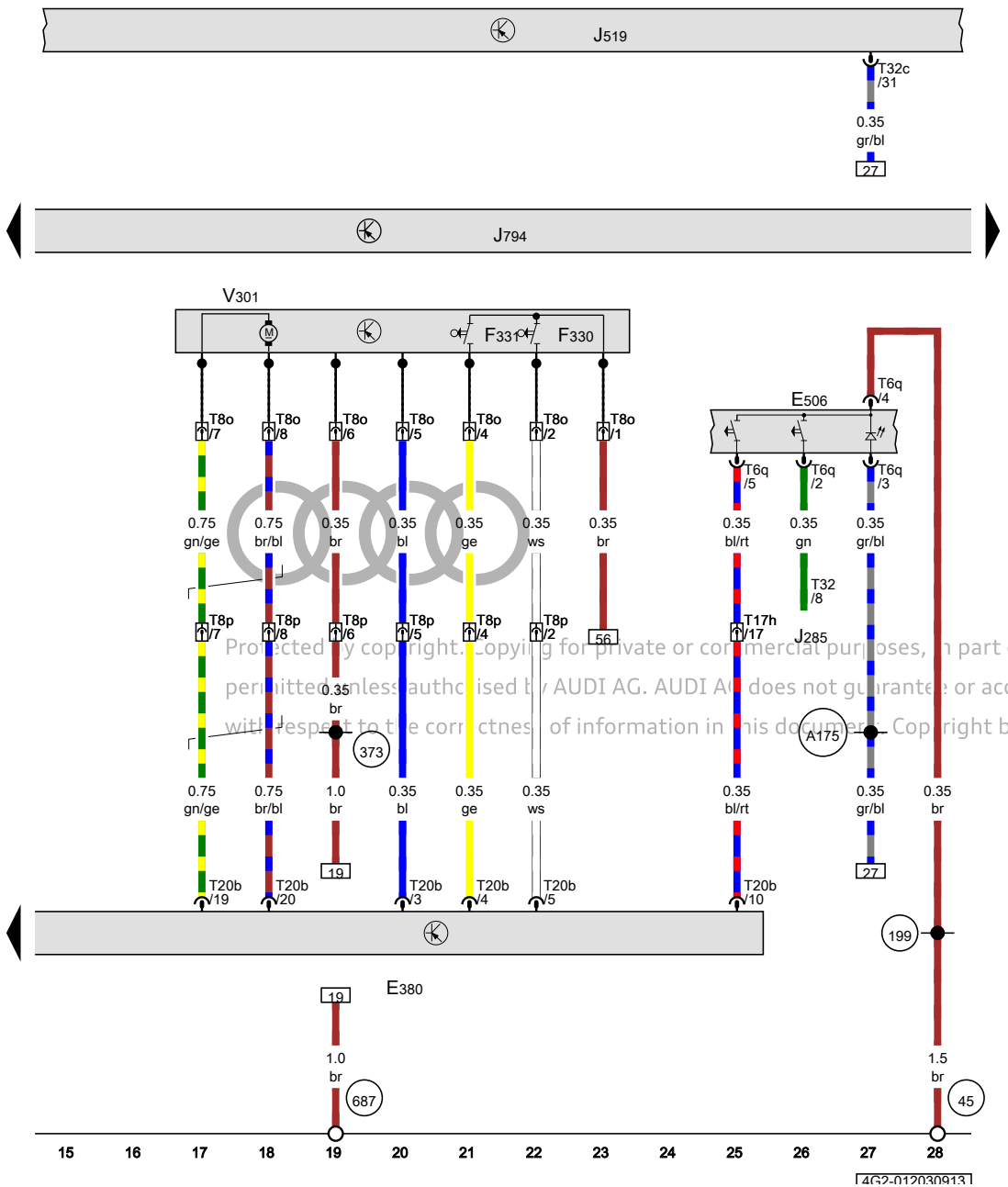


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gn = green
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gr = grey
li = purple
vi = purple
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or = orange
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Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC4	Fuse 4 on fuse holder C
T8f	8-pin connector
T12c	12-pin connector
T12d	12-pin connector
T17o	17-pin connector, in coupling point in interior, right
T20b	20-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

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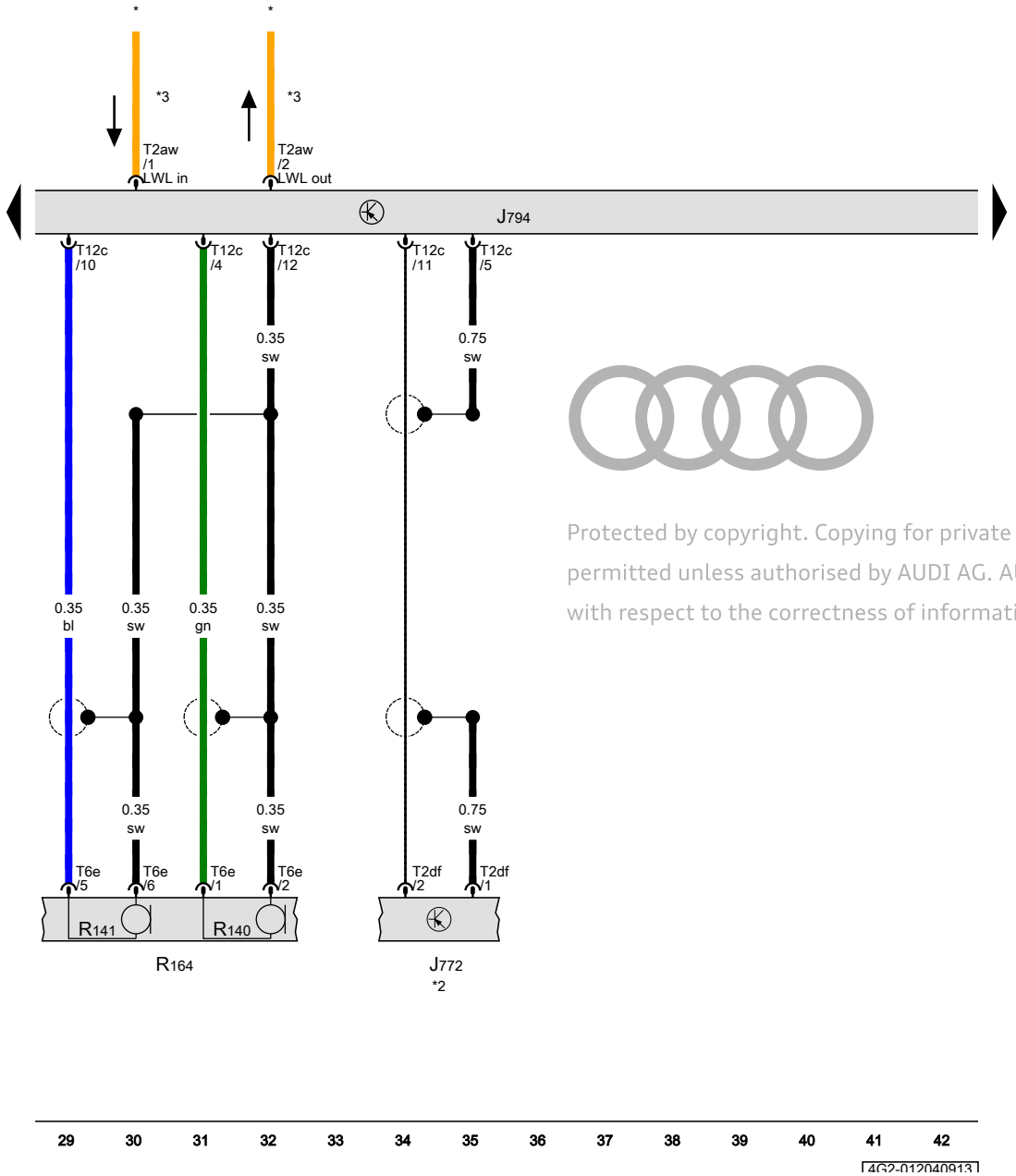
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Multimedia system operating unit, Display unit button, Open display limit switch, Control unit in dash panel insert, Control unit 1 for information electronics, Open and close display motor

E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
T32	32-pin connector
T32c	32-pin connector
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
A175	Connection (58s), in dash panel wiring harness
*	Only models with preparation for mobile telephone

Control unit 1 for information electronics, Microphone unit in front roof module

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T2aw	2-pin connector
T2df	2-pin connector
T6e	6-pin connector
T12c	12-pin connector
*	see applicable current flow diagram for data bus network
*2	Only models with reversing camera system
*3	Fibre optic cable (FOC)

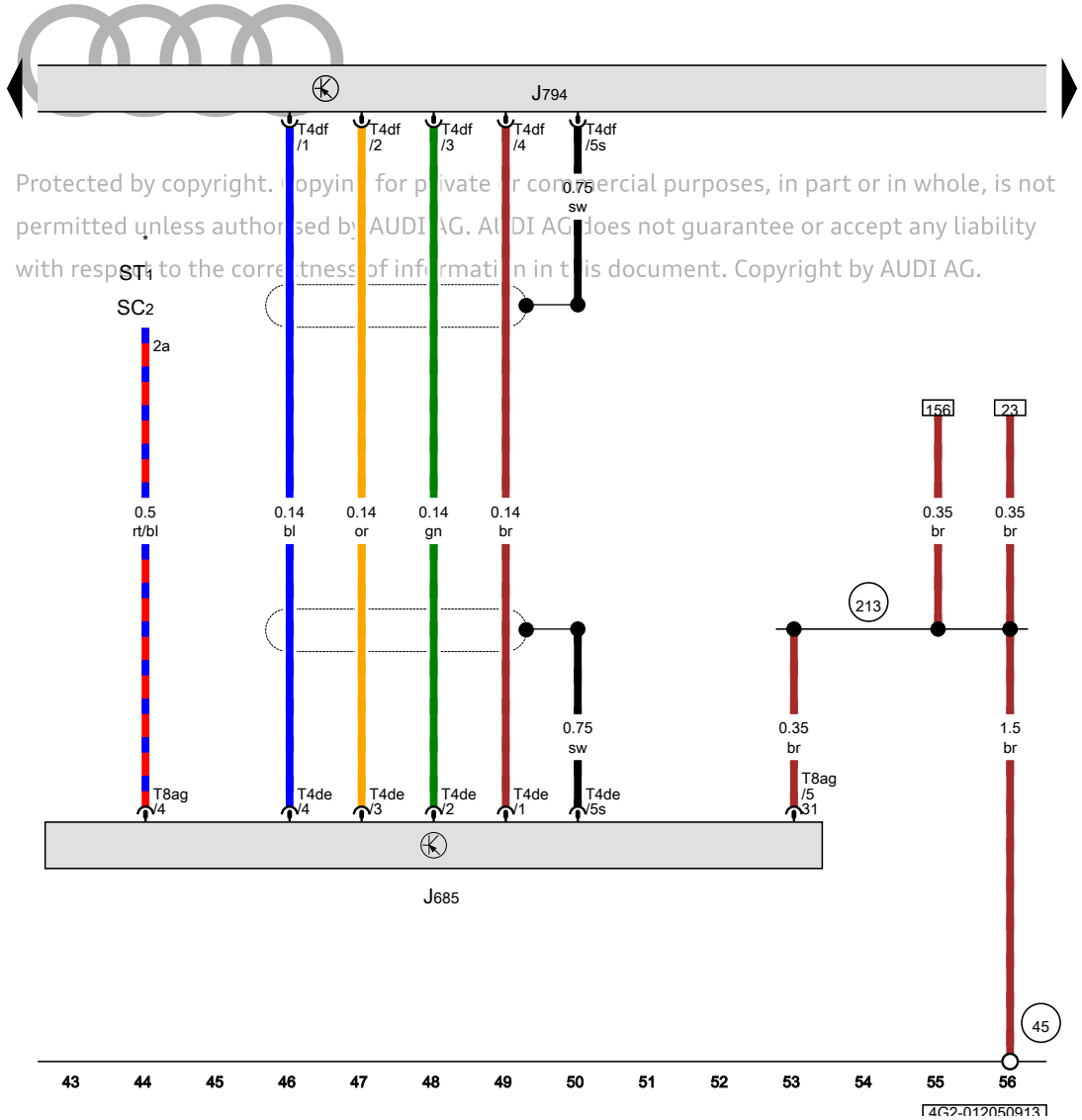


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
T4de	4-pin connector
T4df	4-pin connector
T8ag	8-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

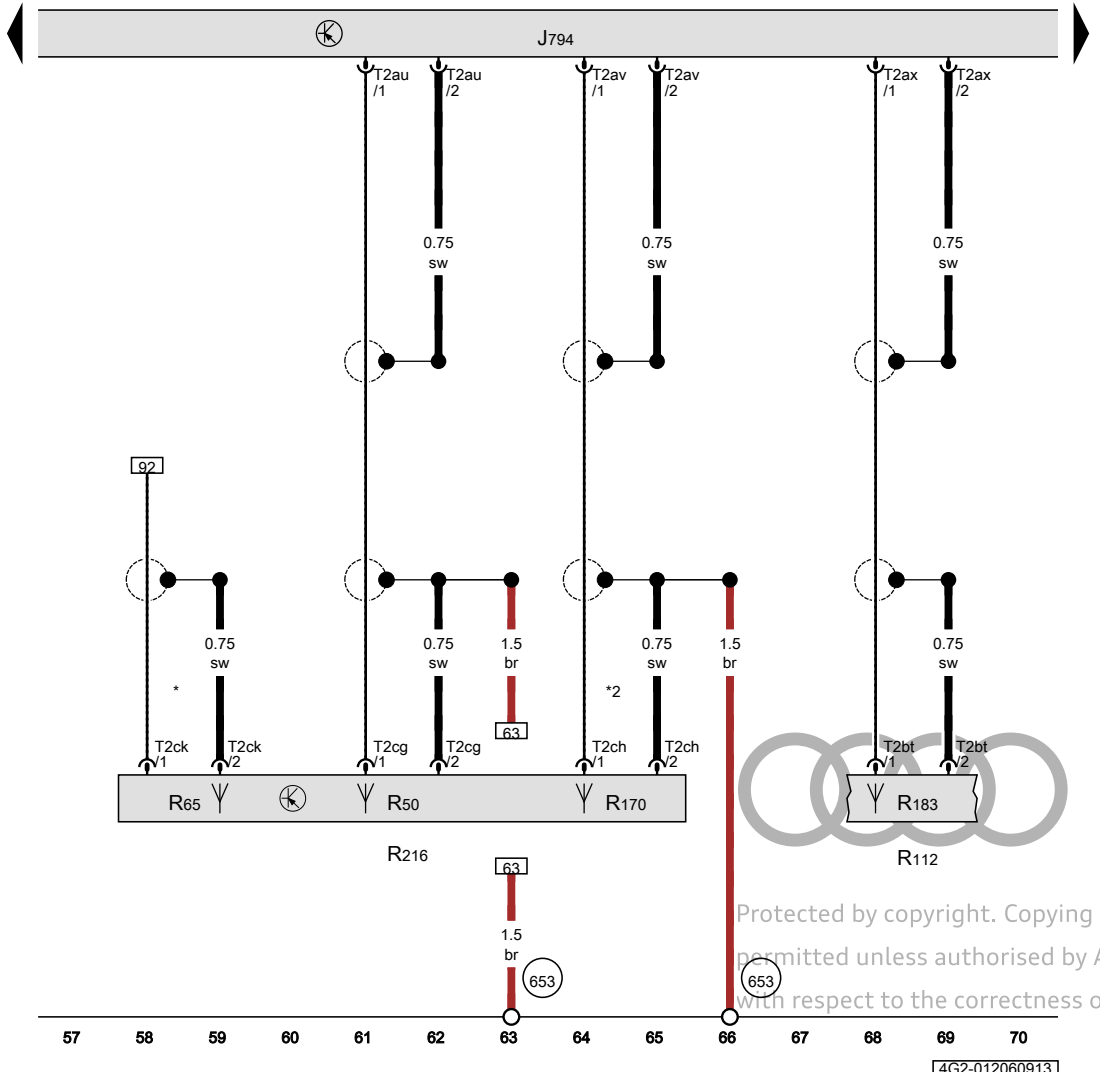


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Control unit 1 for information electronics, Aerial amplifier 3

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R112	Aerial amplifier 3
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2au	2-pin connector
T2av	2-pin connector
T2ax	2-pin connector
T2bt	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ck	2-pin connector
653	Earth point, on left D-pillar
*	Only models with preparation for mobile telephone
*2	Only for American markets

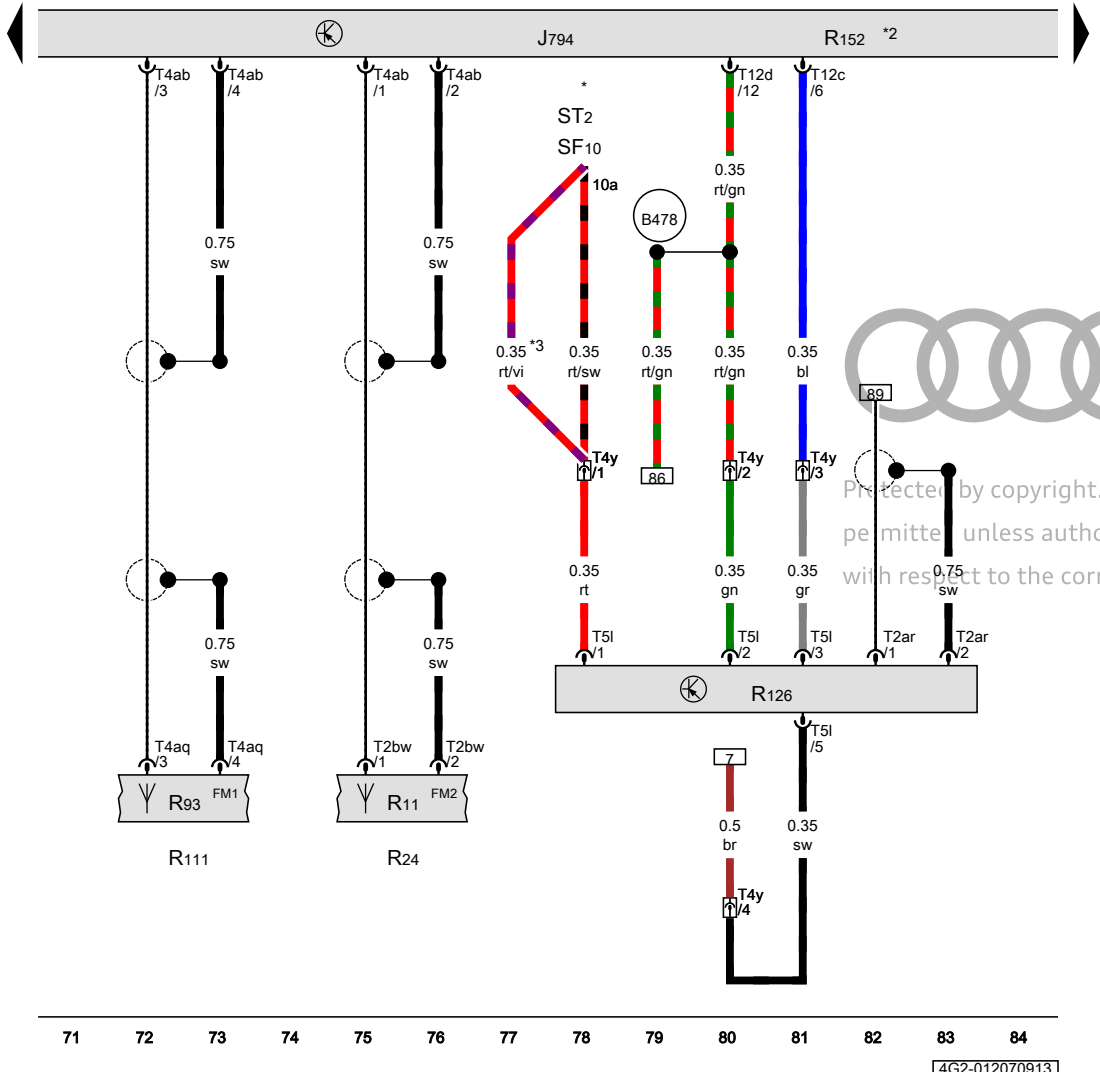


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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Telephone bracket

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier
R93	Radio aerial 2
R111	Aerial amplifier 2
R126	Telephone bracket
R152	Aerial for Bluetooth
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2ar	2-pin connector
T2bw	2-pin connector
T4ab	4-pin connector
T4aq	4-pin connector
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T12c	12-pin connector
T12d	12-pin connector
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with aerial for Bluetooth
*3	From June 2011

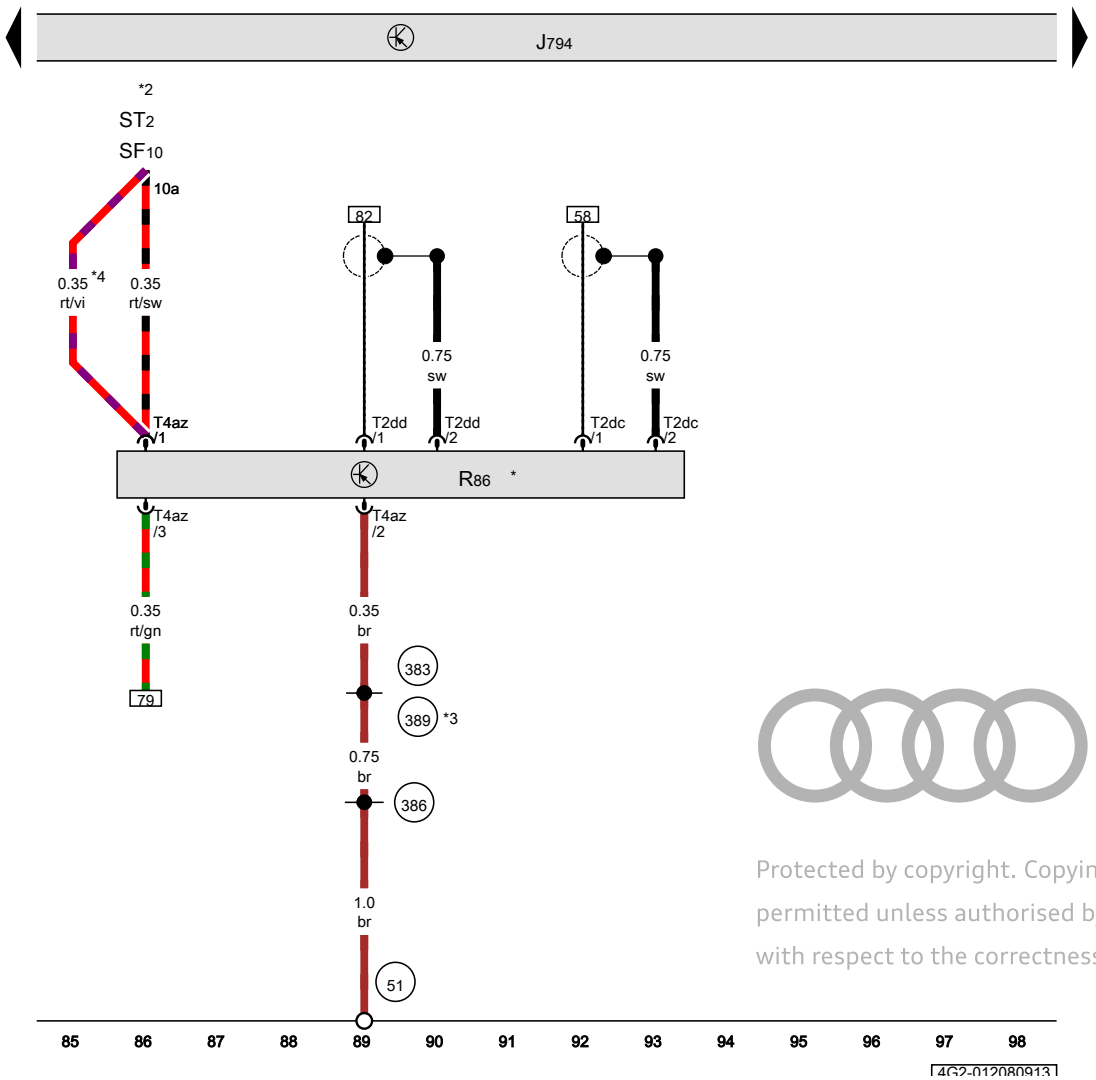


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Control unit 1 for information electronics, Aerial amplifier for mobile telephone

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2dc	2-pin connector
T2dd	2-pin connector
T4az	4-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	Not for American markets
*2	see applicable current flow diagram for fuse assignment
*3	Avant
*4	From June 2011

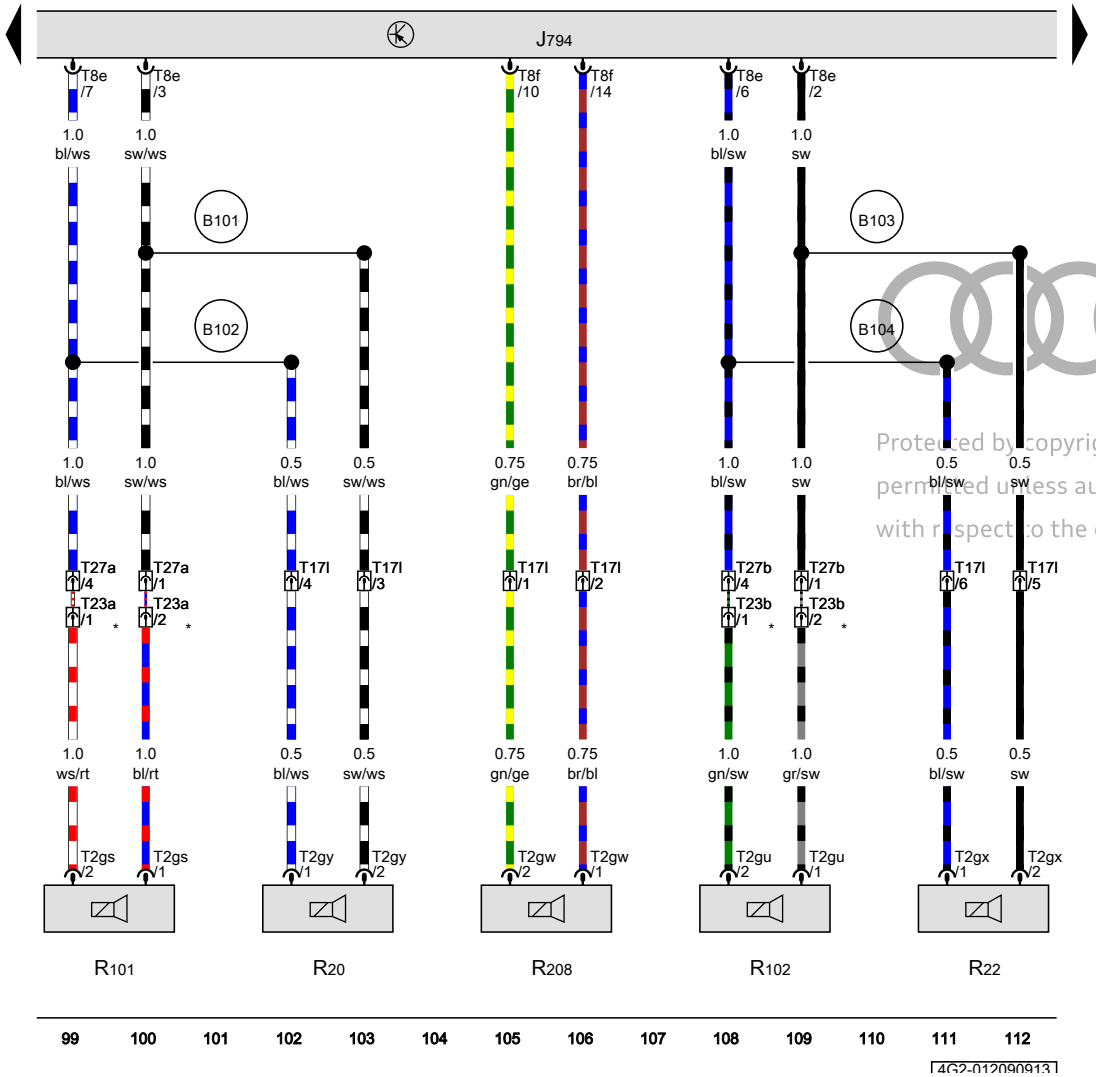


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Control unit 1 for information electronics, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker, Centre loudspeaker

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
R208	Centre loudspeaker
T2gs	2-pin connector
T2gu	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T8e	8-pin connector
T8f	8-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	From June 2011

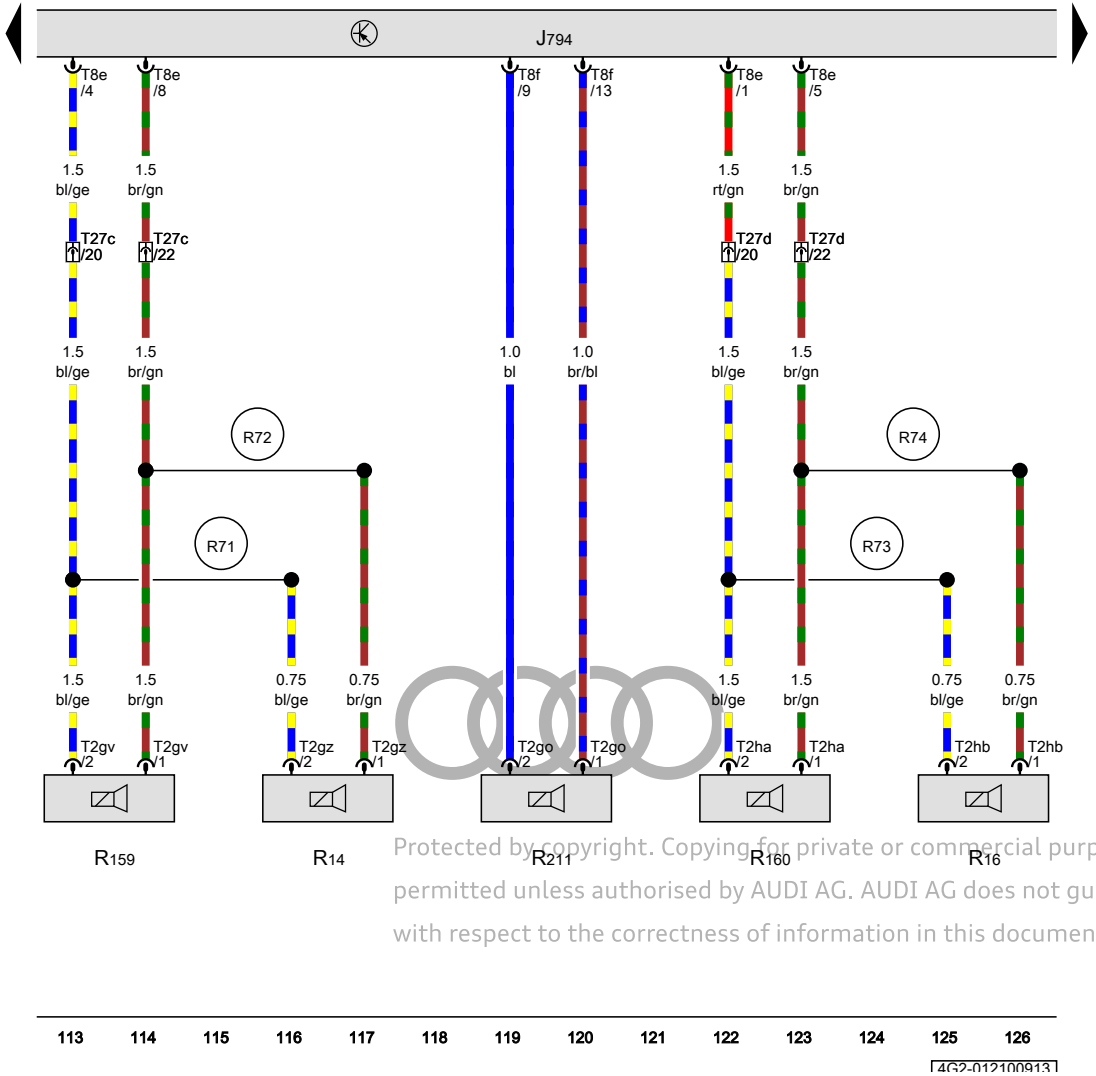


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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T8e	8-pin connector
T8f	8-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

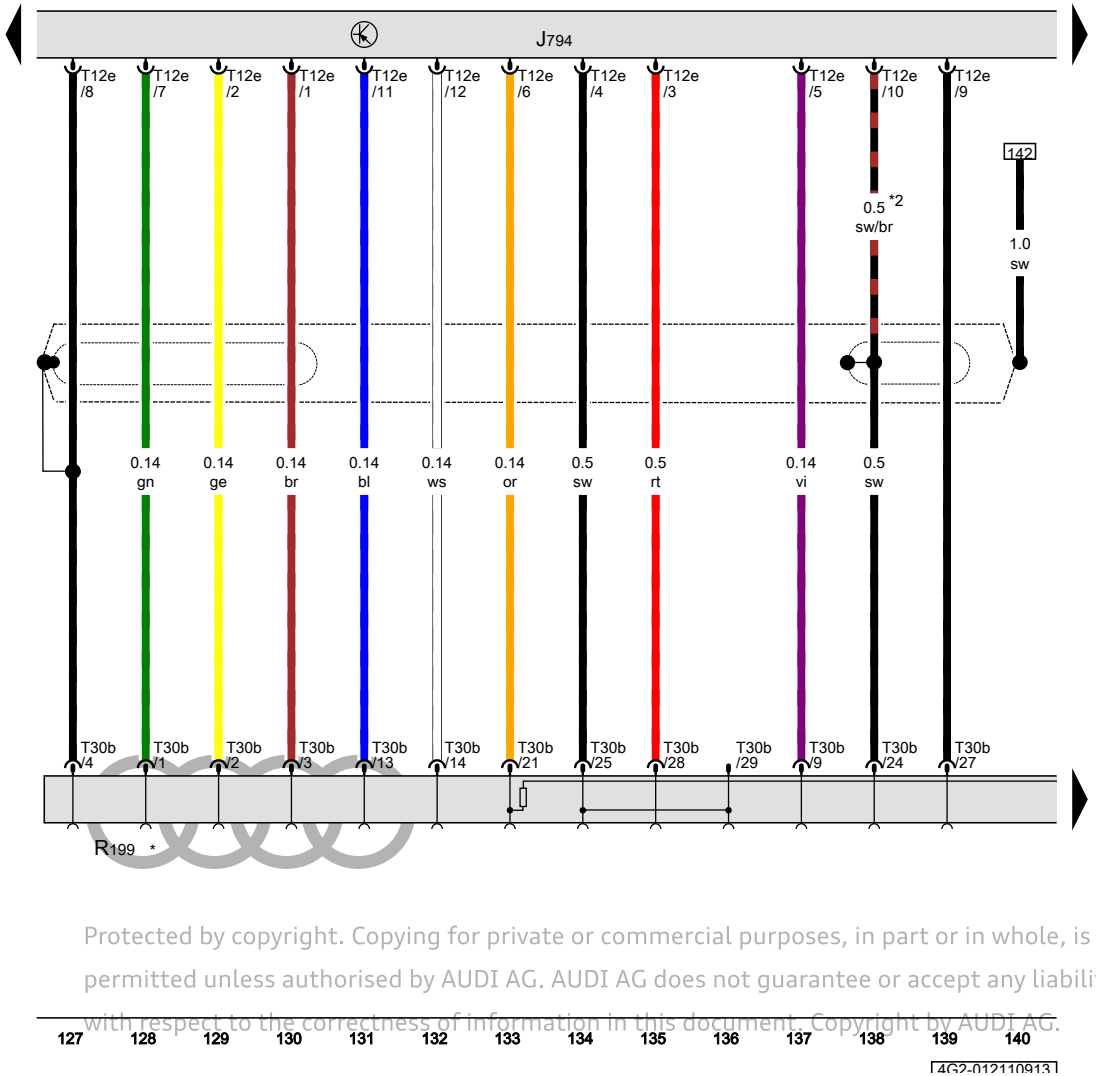


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Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface
*2	gradual introduction

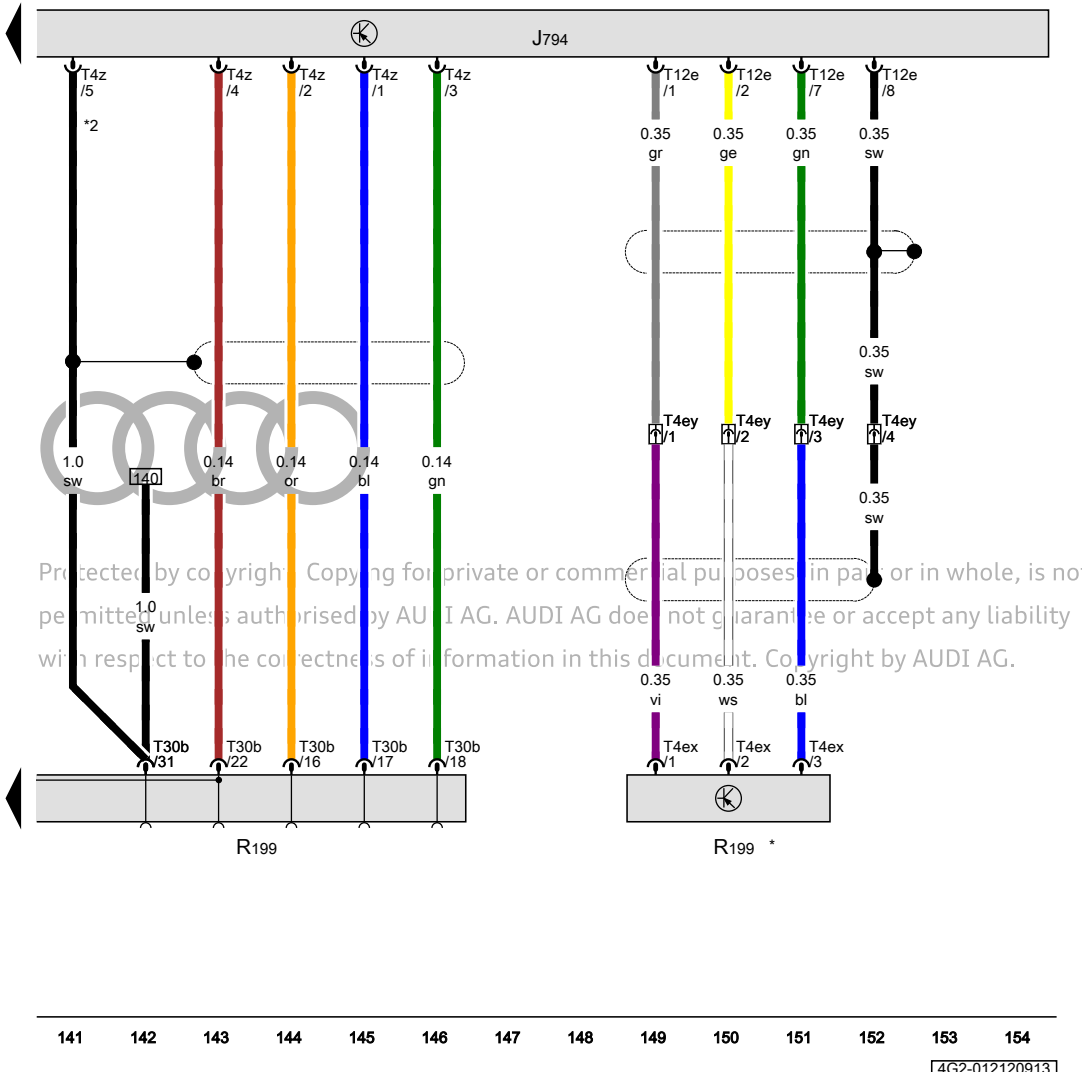


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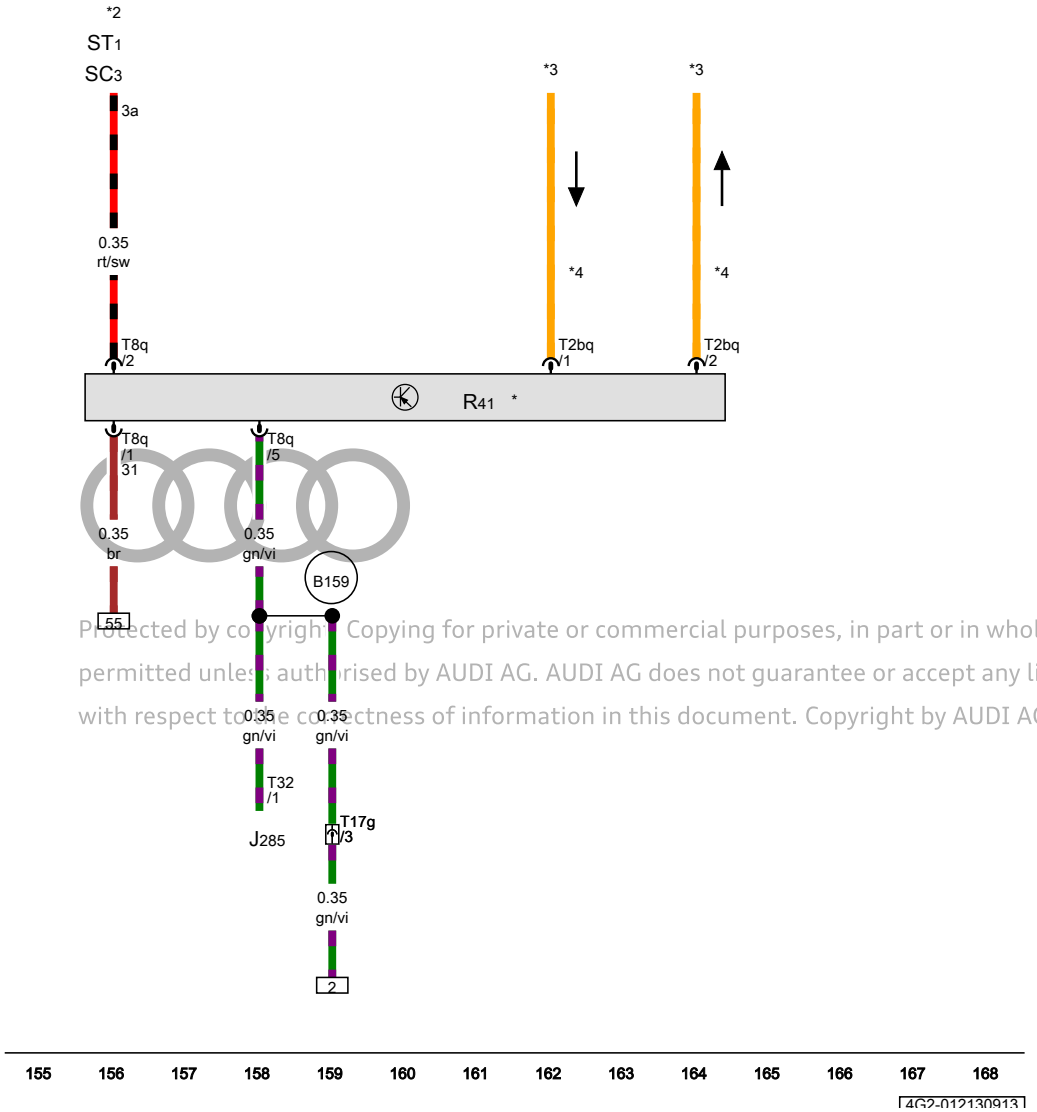
Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4ex	4-pin connector
T4ey	4-pin connector, in centre console
T4z	4-pin connector
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - AUX-IN socket
*2	Earthed via connector housing



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CD changer

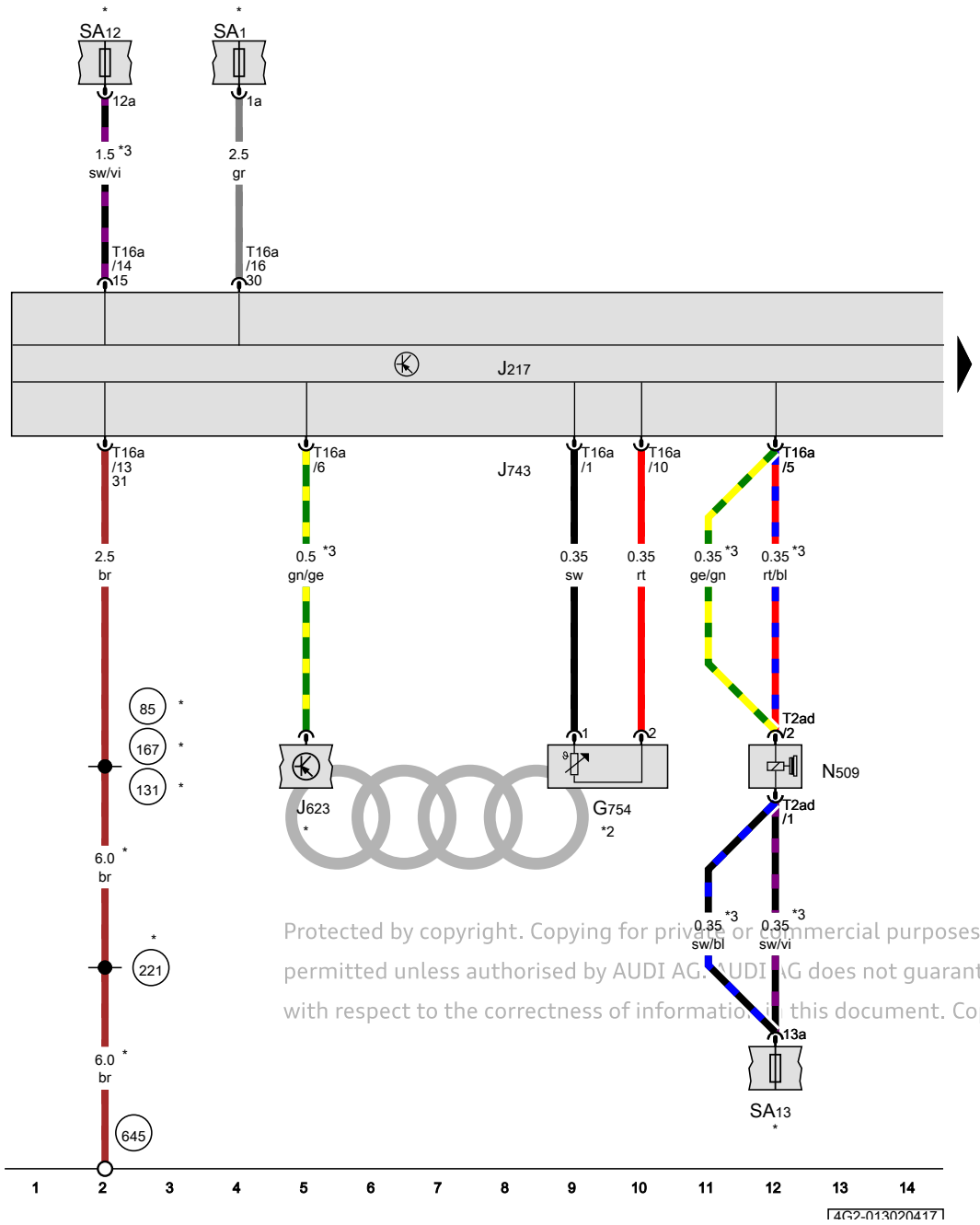
J285	Control unit in dash panel insert
R41	CD changer
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T2bq	2-pin connector
T8q	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
*	Only models with CD changer
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for data bus network
*4	Fibre optic cable (FOC)

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7-speed dual clutch gearbox 0B5 (S tronic) , (G1D)

From January 2011

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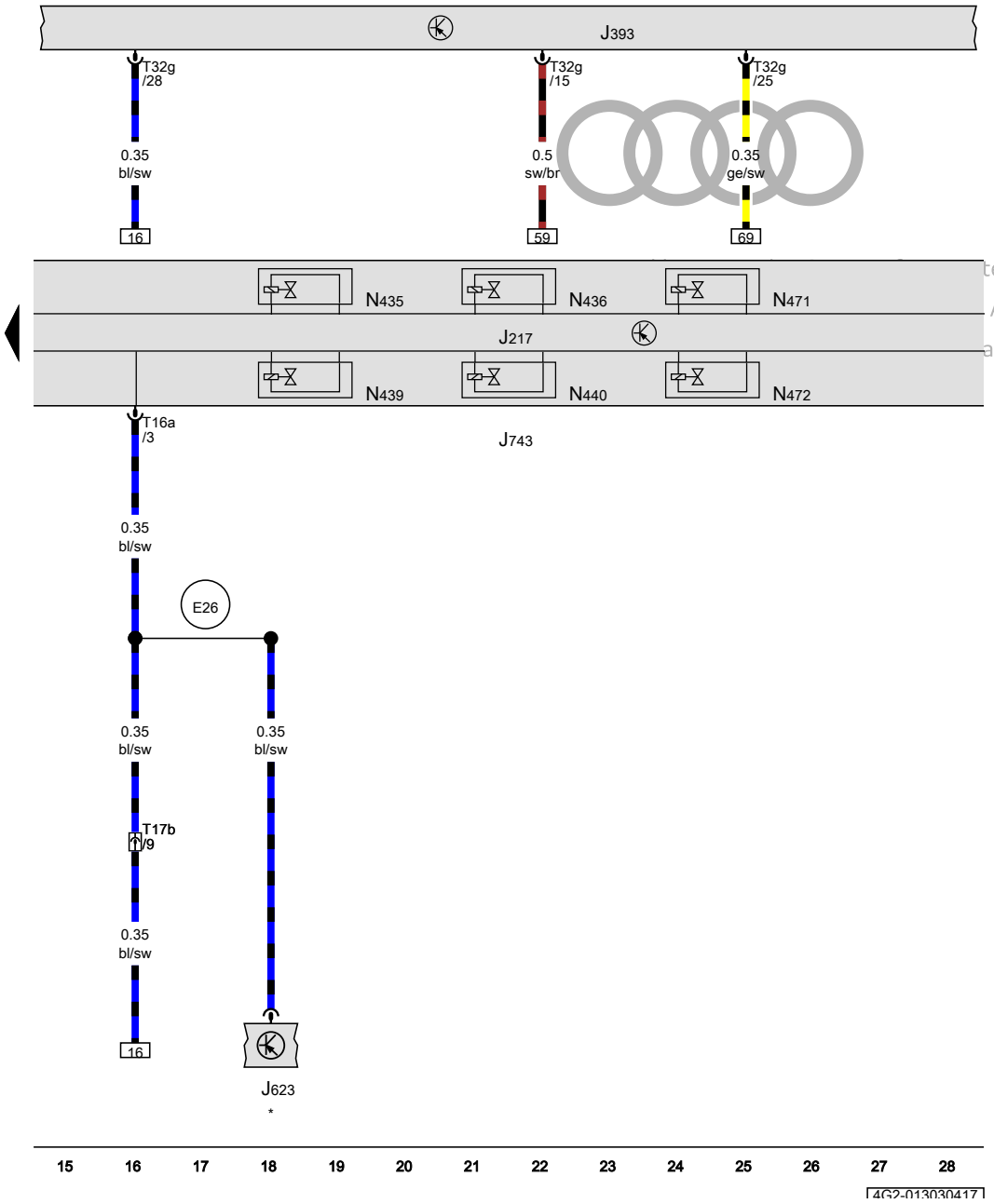


Gearbox oil temperature sender 2, Automatic gearbox control unit, Gearbox oil cooling valve

G754	Gearbox oil temperature sender 2
J217	Automatic gearbox control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
N509	Gearbox oil cooling valve
SA1	Fuse 1 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
T2ad	2-pin connector
T16a	16-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
645	Earth point 1, on bulkhead
*	see applicable current flow diagram for engine
*2	According to equipment
*3	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Automatic gearbox control unit, Convenience system central control unit

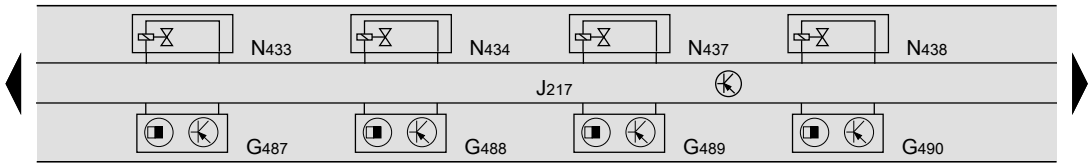
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
N435	Valve 3 in sub-gearbox 1
N436	Valve 4 in sub-gearbox 1
N439	Valve 3 in sub-gearbox 2
N440	Valve 4 in sub-gearbox 2
N471	Cooling oil valve
N472	Main pressure valve
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T32g	32-pin connector
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for engine

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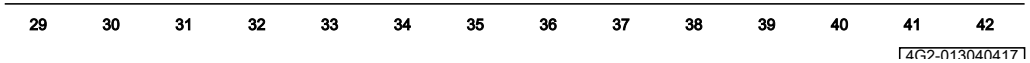
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Automatic gearbox control unit

G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox
N433	Valve 1 in sub-gearbox 1
N434	Valve 2 in sub-gearbox 1
N437	Valve 1 in sub-gearbox 2
N438	Valve 2 in sub-gearbox 2



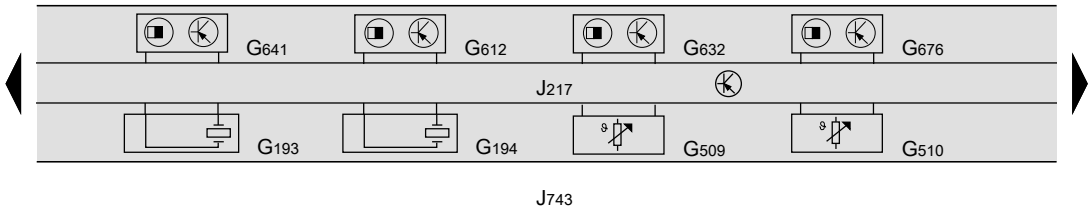
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Automatic gearbox control unit

G193	Automatic gearbox hydraulic pressure sender 1
G194	Automatic gearbox hydraulic pressure sender 2
G509	Clutch temperature sender
G510	Temperature sender in control unit
G612	Gearbox input speed sender 2
G632	Gearbox input speed sender 1
G641	Gearbox input speed sender 3
G676	Gear sensor
J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox

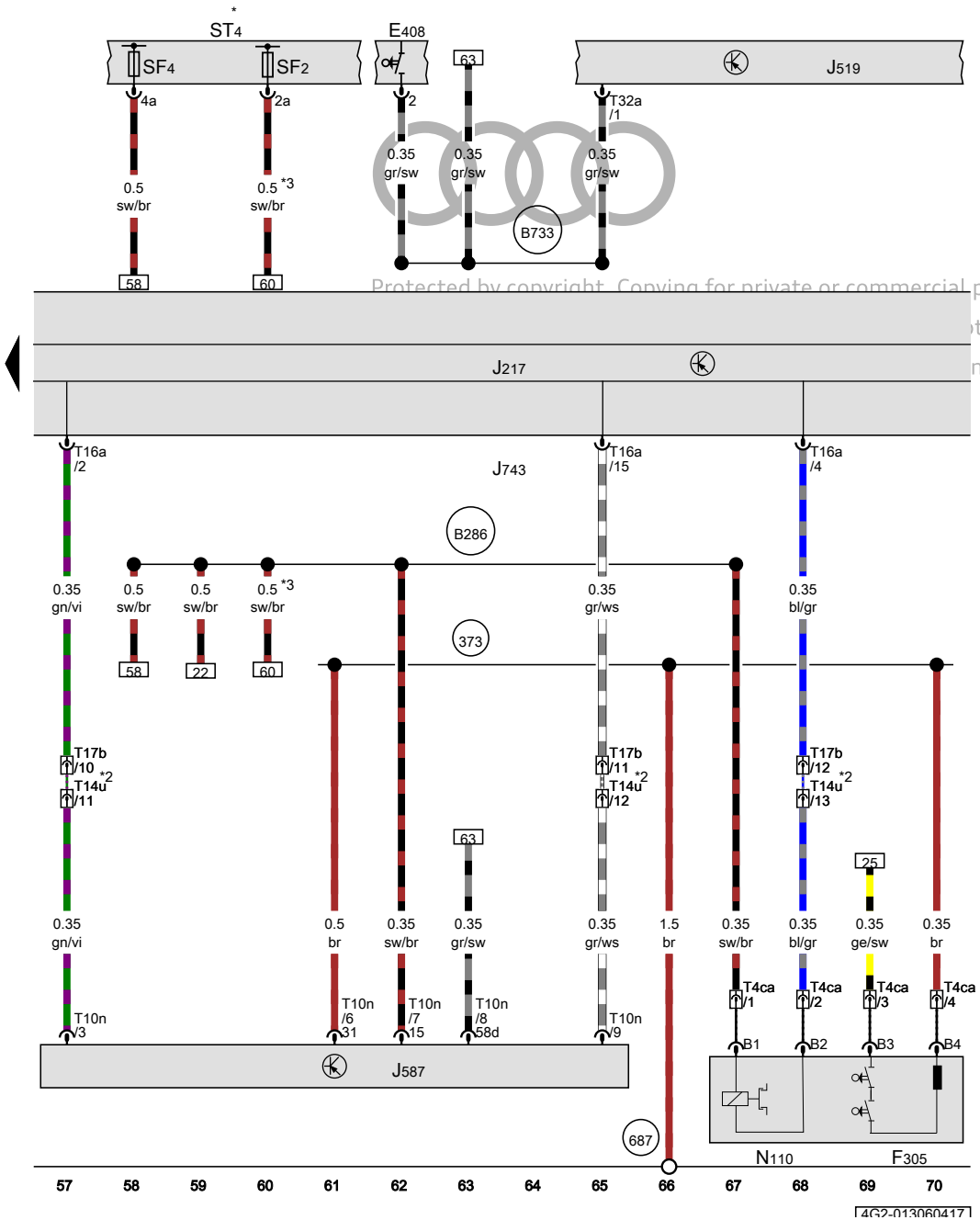


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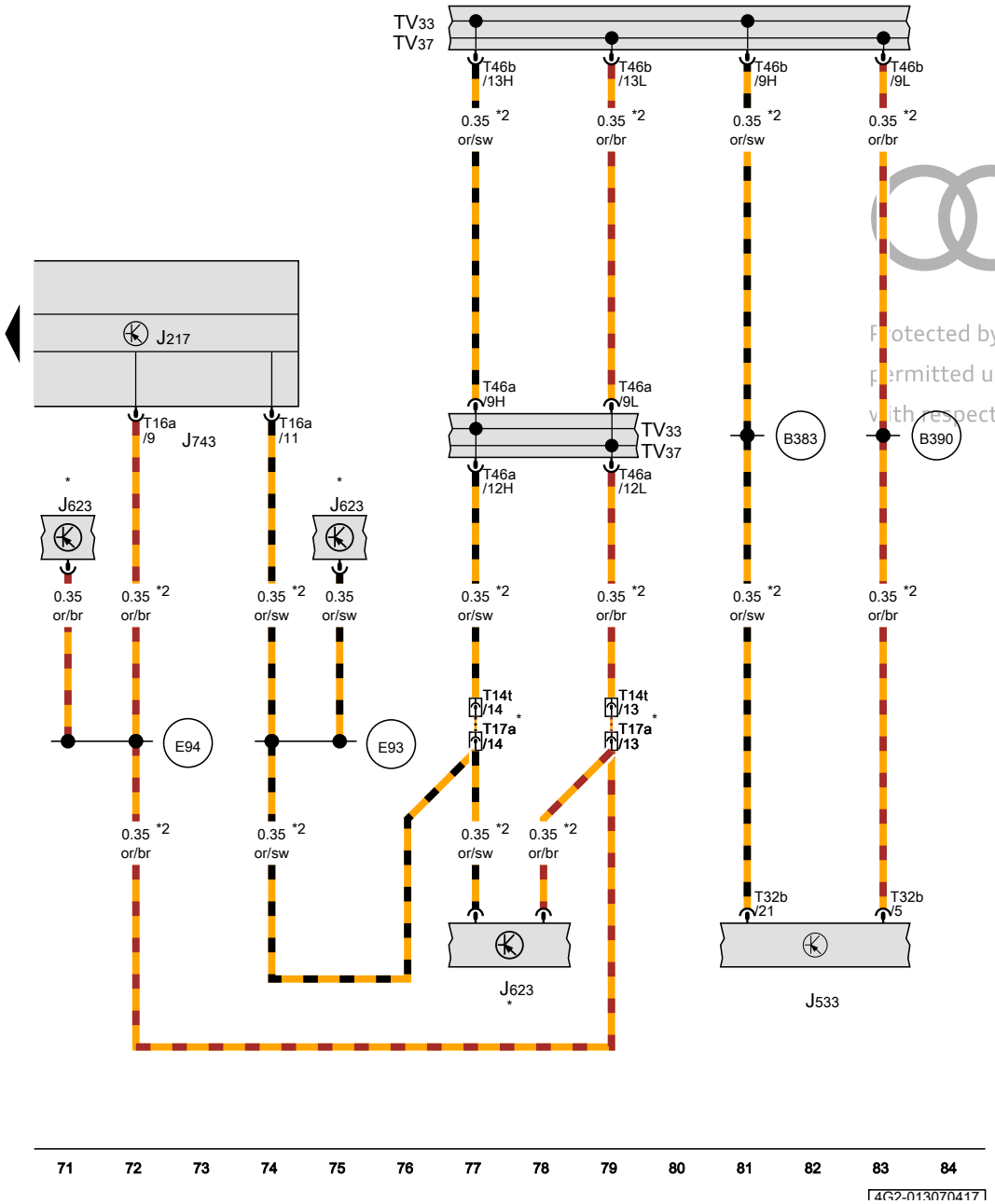


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rs = pink

Gear selector position P switch, Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit

E408	Entry and start authorisation button
F305	Gear selector position P switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
J743	Mechatronic unit for dual clutch gearbox
N110	Selector lever lock solenoid
SF2	Fuse 2 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T4ca	4-pin connector
T10n	10-pin connector
T14u	14-pin connector
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T32a	32-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B286	Positive connection 10 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	From June 2014



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br = brown
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Automatic gearbox control unit, Wiring junction for powertrain CAN bus, high

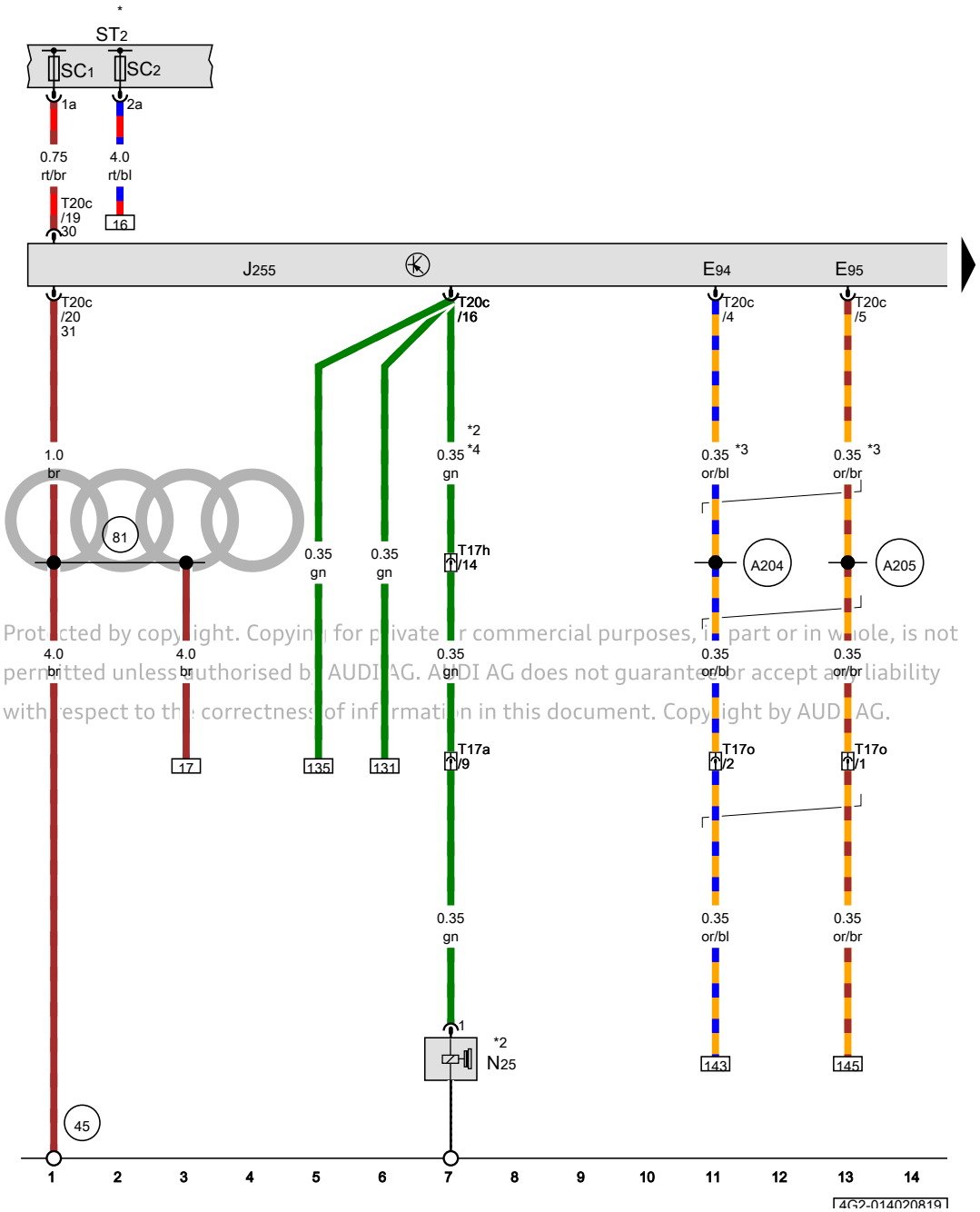
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T14t	14-pin connector
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Data bus wire (CAN bus)

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Automatic air conditioning system, basic Climatronic , (9AK)

From January 2011

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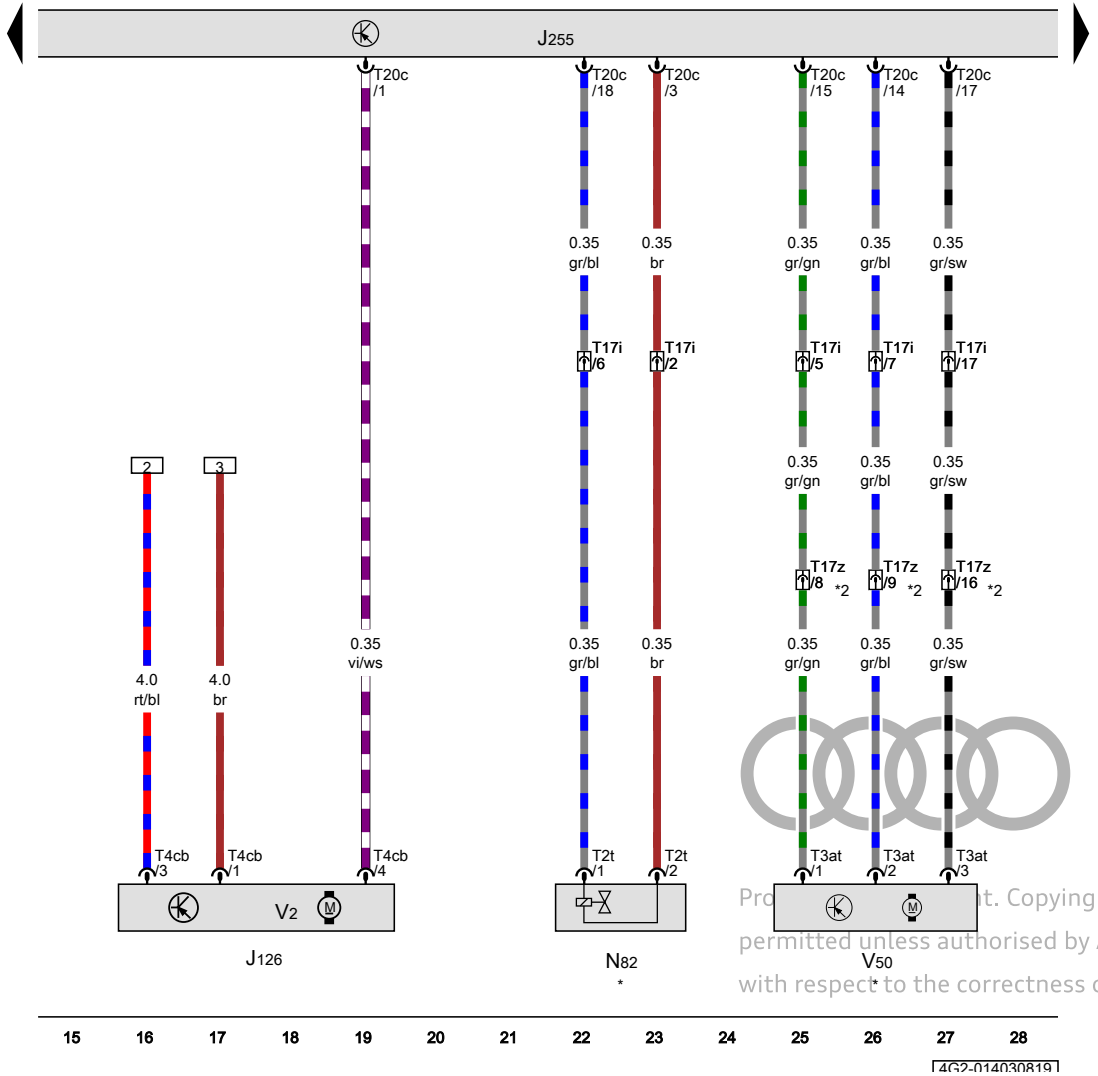
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Climatronic control unit, Air conditioning system magnetic clutch

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J255	Climatronic control unit
N25	Air conditioning system magnetic clutch
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station
T20c	20-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Data bus wire (CAN bus)
*4	From September 2013

Fresh air blower control unit, Climatronic control unit, Coolant shut-off valve, Fresh air blower, Coolant circulation pump

J126	Fresh air blower control unit
J255	Climatronic control unit
N82	Coolant shut-off valve
T2t	2-pin connector
T3at	3-pin connector
T4cb	4-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T20c	20-pin connector
V2	Fresh air blower
V50	Coolant circulation pump
*	For models with no auxiliary heater
*2	For models with 2.0l engine

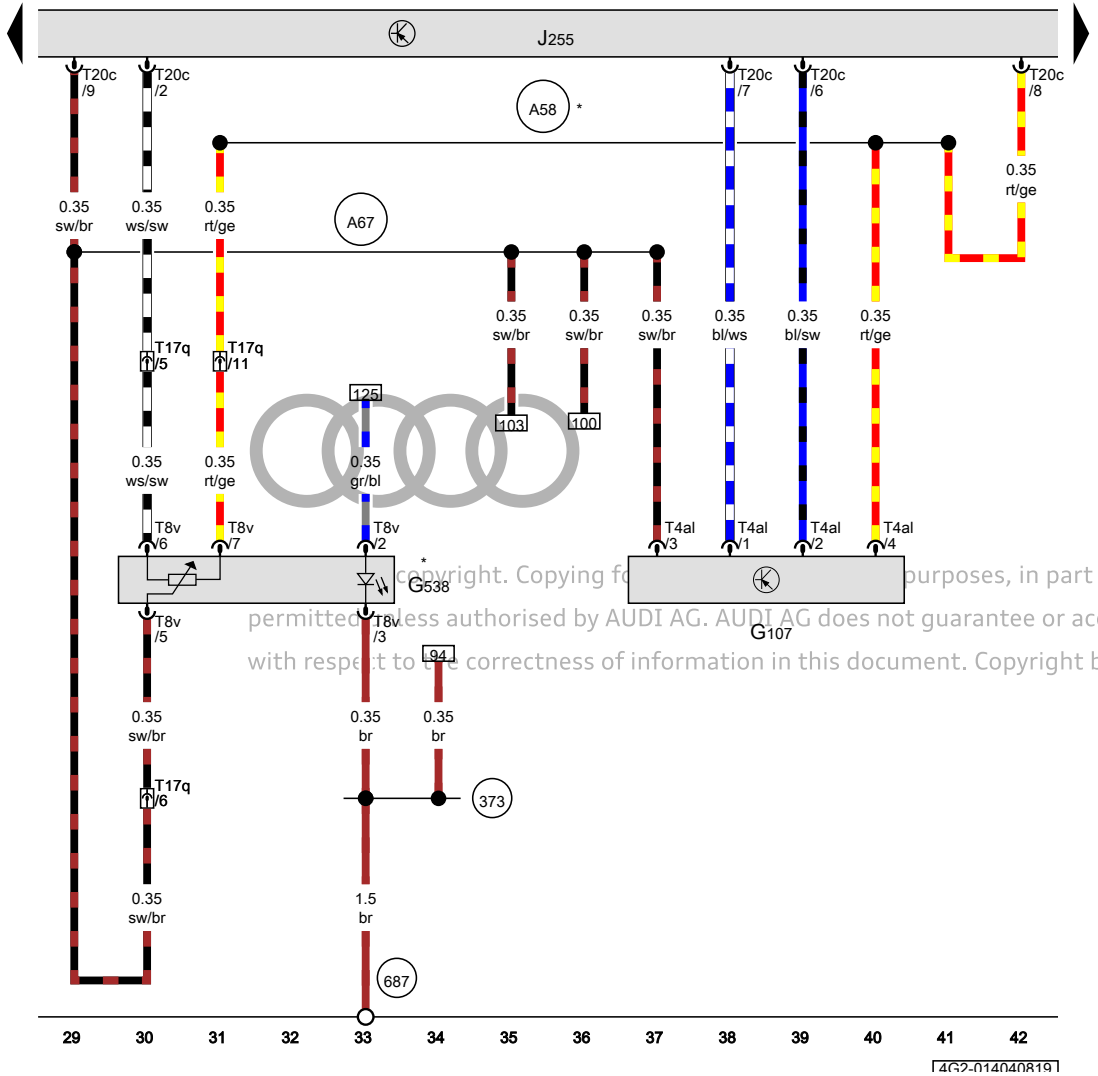


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Sunlight penetration photosensor, Potentiometer for rear temperature selection, Climatronic control unit

G107	Sunlight penetration photosensor
G538	Potentiometer for rear temperature selection
J255	Climatronic control unit
T4al	4-pin connector
T8v	8-pin connector
T17q	17-pin connector, in right A-pillar coupling station
T20c	20-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
A58	Connection (5 volt), in dash panel wiring harness
A67	Connection (31, air conditioning system), in dash panel wiring harness
*	For American markets

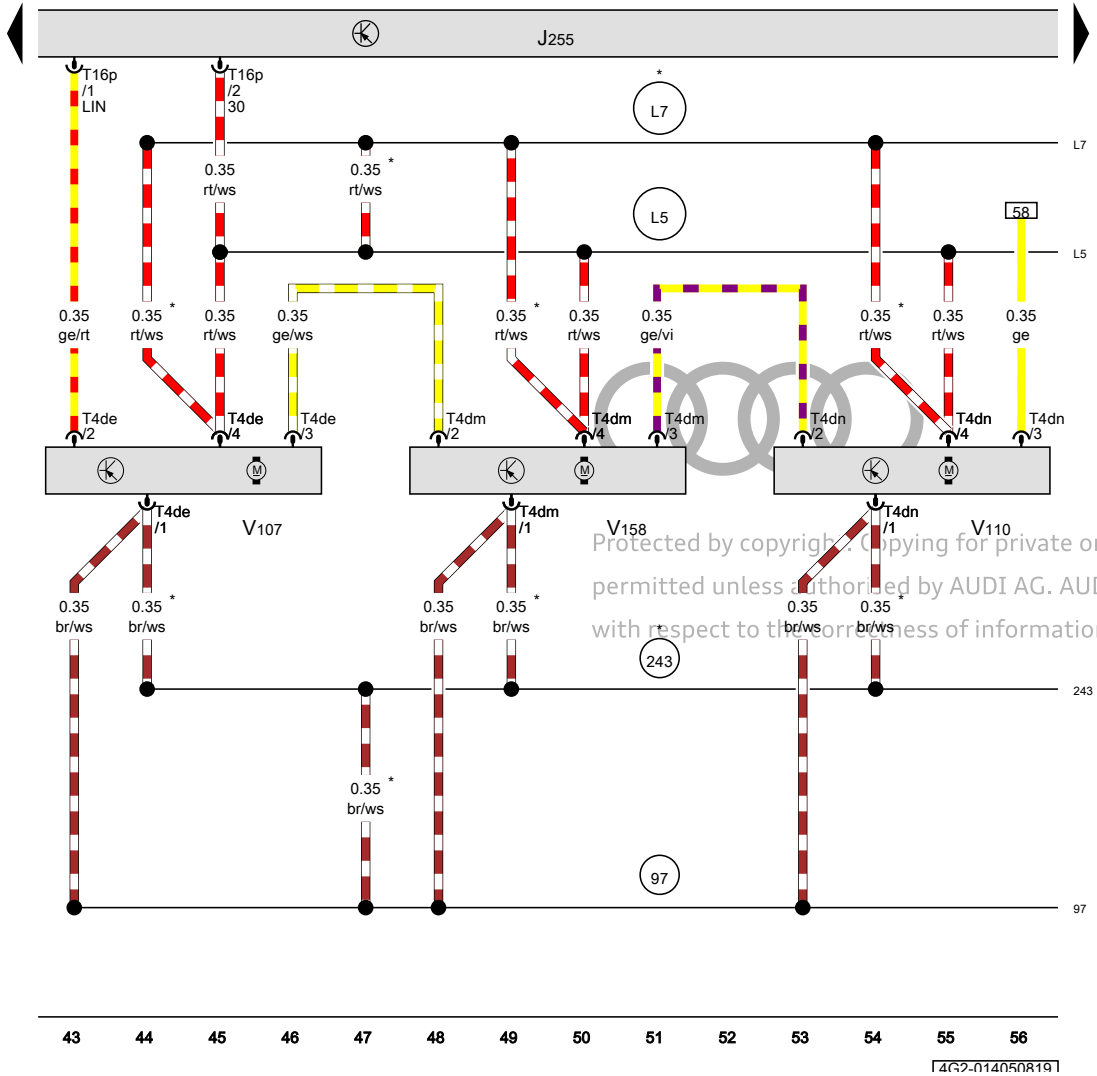


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Climatronic control unit, Defroster flap control motor, Left centre vent control motor, Left temperature flap control motor

J255	Climatronic control unit
T4de	4-pin connector
T4dm	4-pin connector
T4dn	4-pin connector
T16p	16-pin connector
V107	Defroster flap control motor
V110	Left centre vent control motor
V158	Left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
243	Earth connection 1, in Climatronic wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	For right-hand drive models



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Climatronic control unit, Left footwell flap control motor, Rear temperature flap control motor

J255 Climatronic control unit
T4do 4-pin connector
T4dq 4-pin connector
T4dv 4-pin connector
T16p 16-pin connector
V108 Left footwell flap control motor
V109 Right footwell flap control motor
V137 Rear temperature flap control motor

97 Earth connection 1, in air conditioning system wiring harness

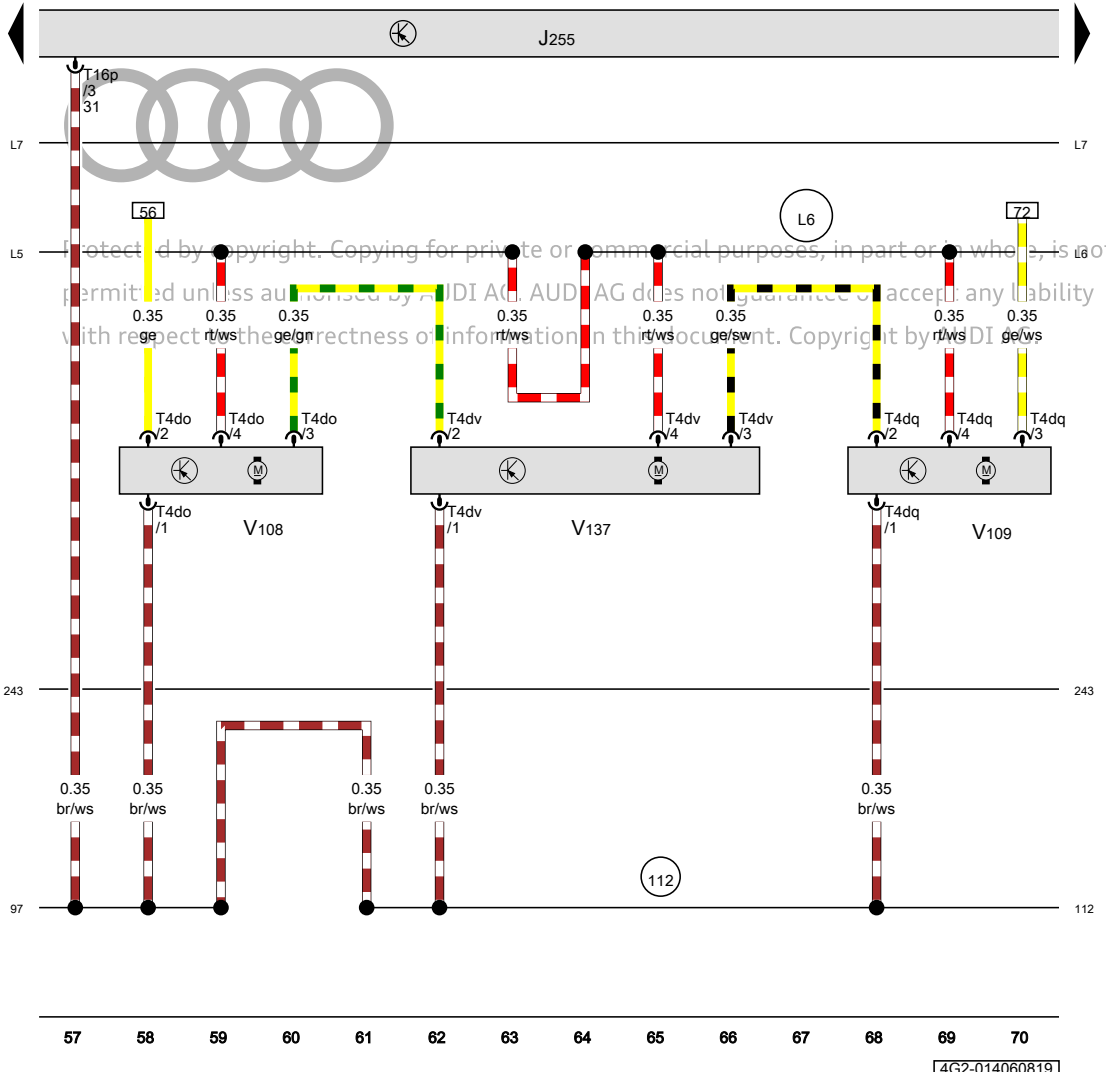
112 Earth connection 2, in air conditioning system wiring harness

243 Earth connection 1, in Climatronic wiring harness

L5 Connection 1, in evaporator housing unit wiring harness

L6 Connection 2, in evaporator housing unit wiring harness

L7 Connection 3, in evaporator housing unit wiring harness

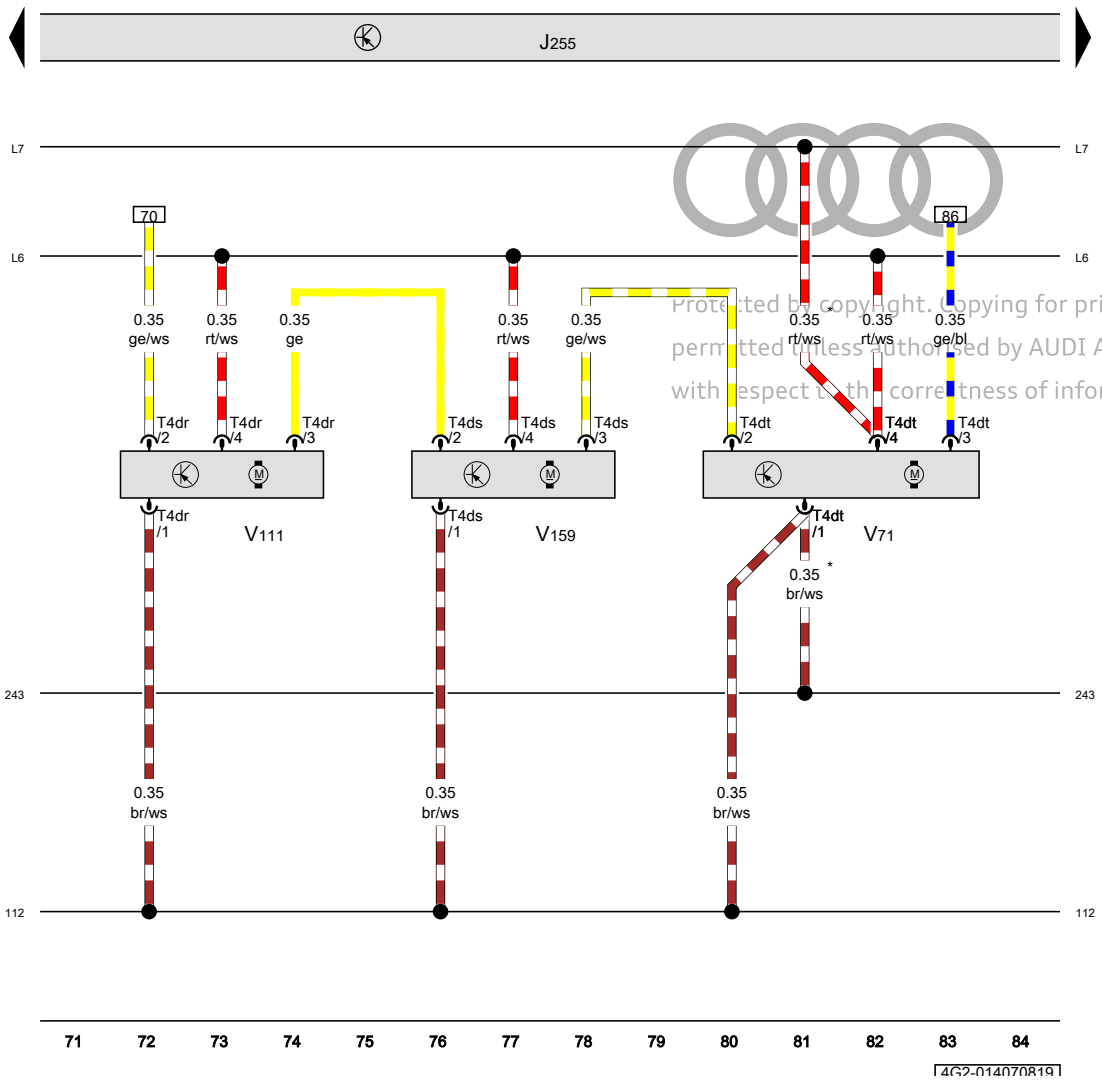


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Climatronic control unit, Air flow flap control motor, Right centre vent control motor, Right temperature flap control motor

J255	Climatronic control unit
T4dr	4-pin connector
T4ds	4-pin connector
T4dt	4-pin connector
V71	Air flow flap control motor
V111	Right centre vent control motor
V159	Right temperature flap control motor
112	Earth connection 2, in air conditioning system wiring harness
243	Earth connection 1, in Climatronic wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	For right-hand drive models



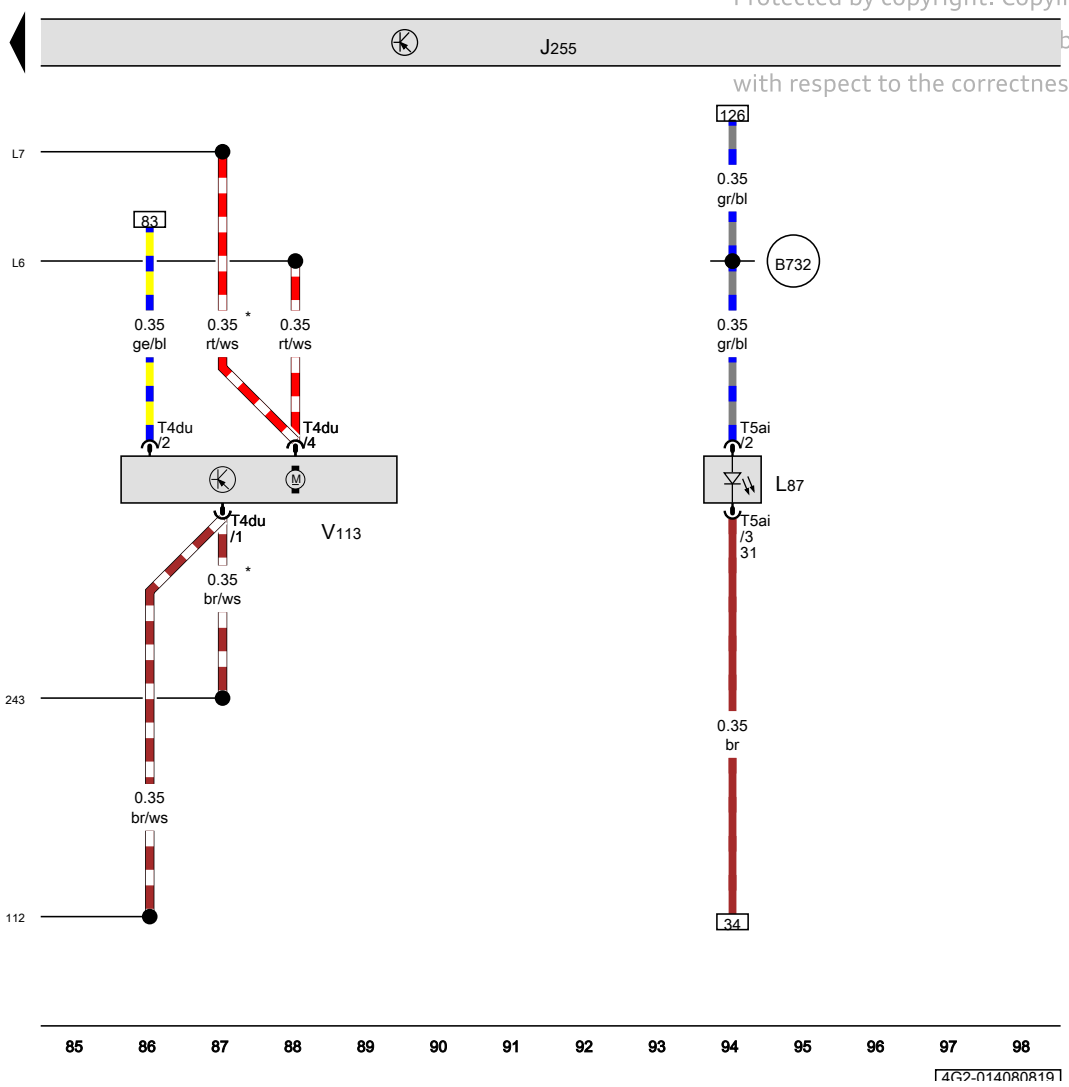
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Climatronic control unit, Central rear vent illumination bulb, Air recirculation flap control motor

J255	Climatronic control unit
L87	Central rear vent illumination bulb
T4du	4-pin connector
T5ai	5-pin connector
V113	Air recirculation flap control motor
112	Earth connection 2, in air conditioning system wiring harness
243	Earth connection 1, in Climatronic wiring harness
B732	Connection 2 (58s), in main wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	For right-hand drive models

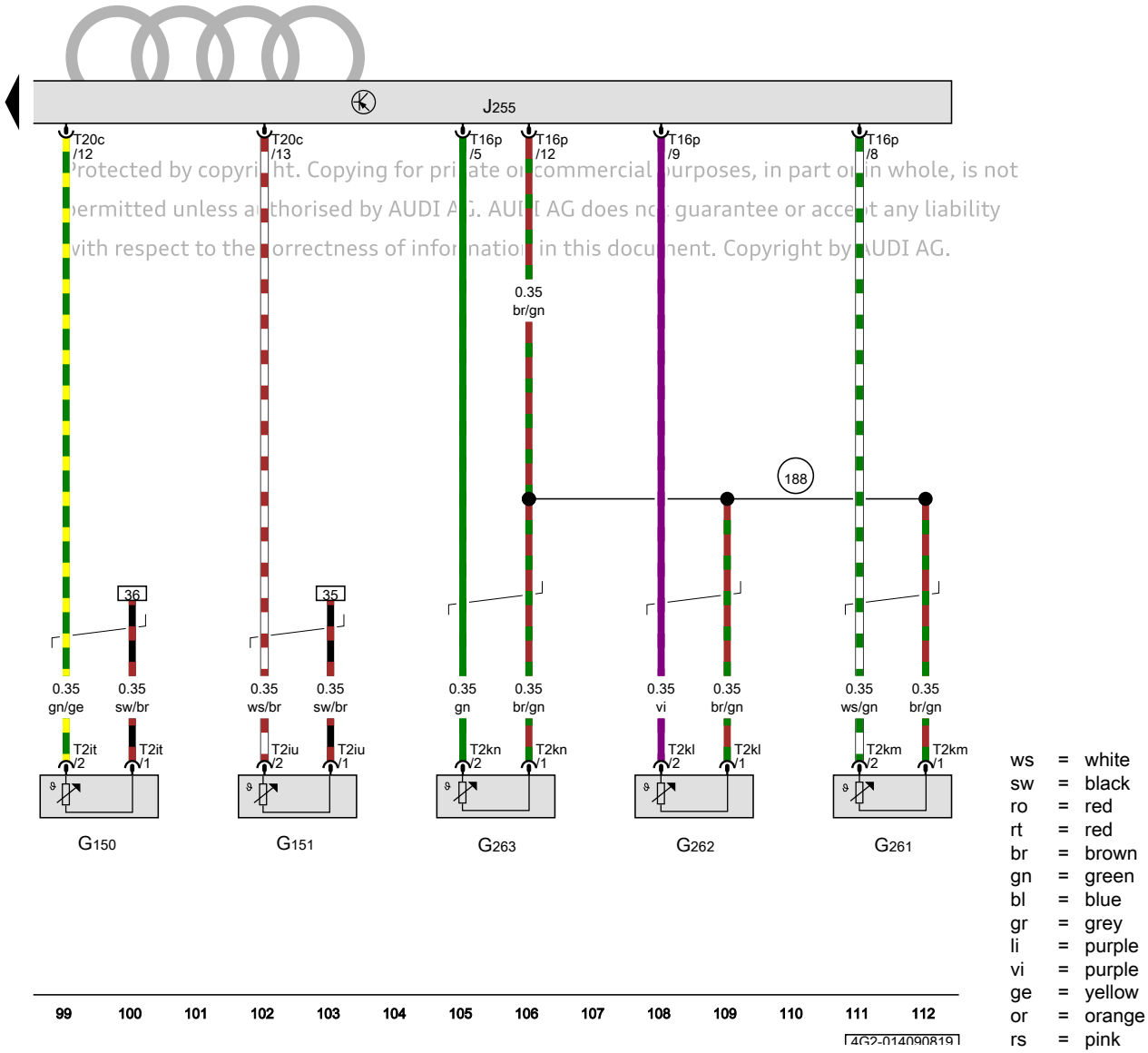
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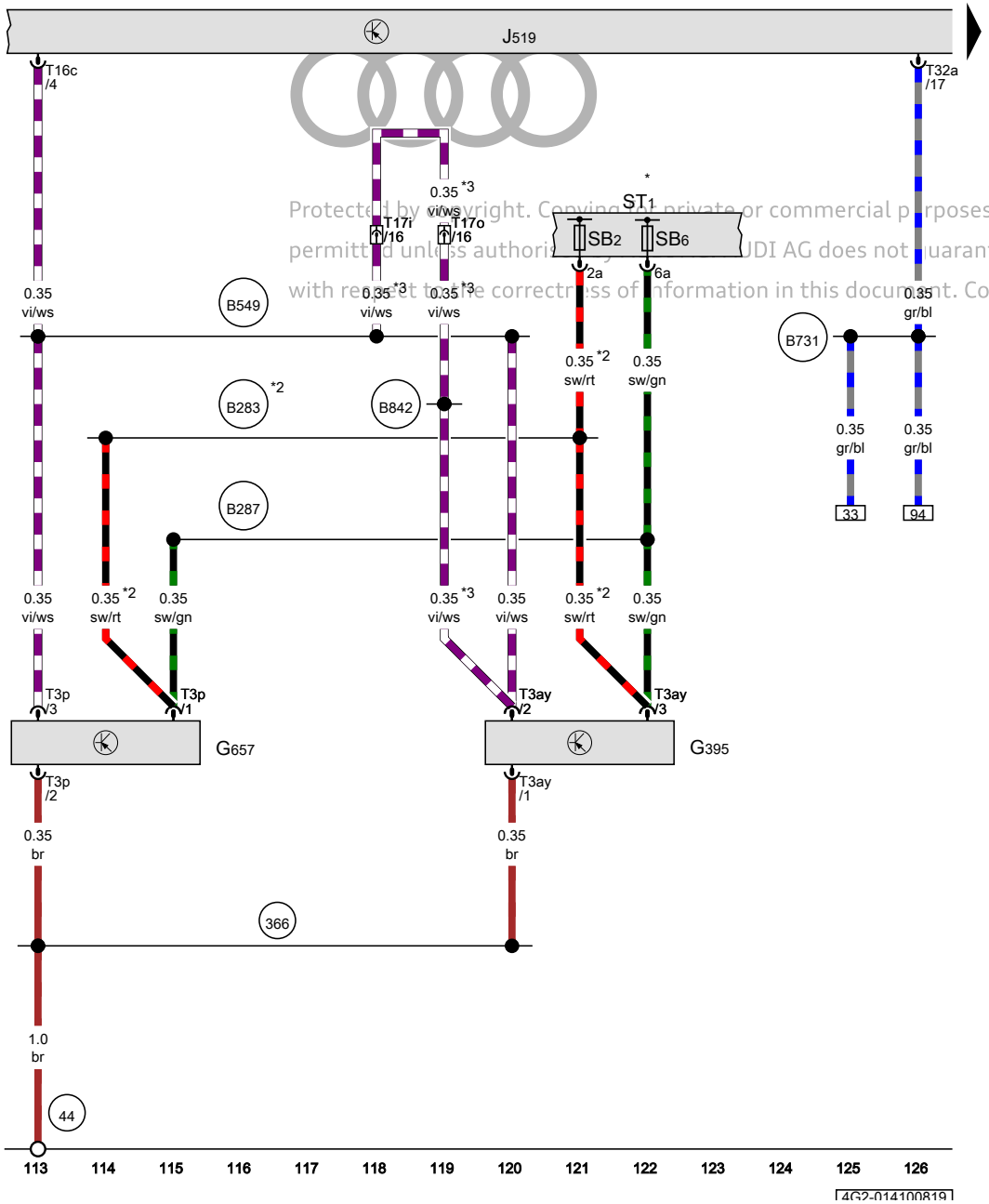
Left vent temperature sender, Right vent temperature sender, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator output temperature sender, Climatronic control unit

G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T2it	2-pin connector
T2iu	2-pin connector
T2kl	2-pin connector
T2km	2-pin connector
T2kn	2-pin connector
T16p	16-pin connector
T20c	20-pin connector
188	Earth connection 3, in air conditioning system wiring harness



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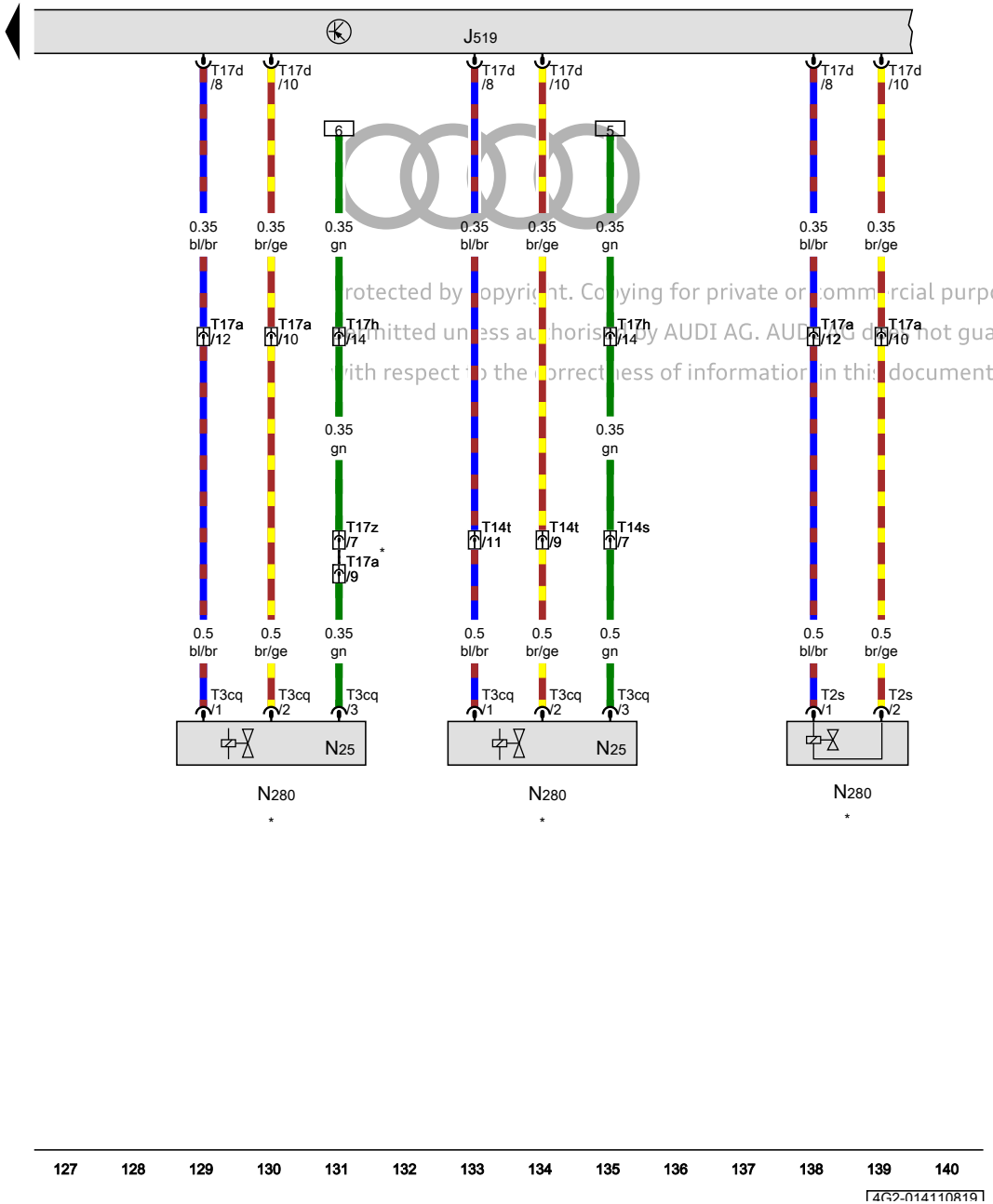


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Refrigerant pressure and temperature sender, Humidity sender in fresh air intake duct, Onboard supply control unit

G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J519	Onboard supply control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB6	Fuse 6 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T16c	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T32a	32-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B287	Positive connection 11 (15a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B842	Connection 8 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014
*3	For right-hand drive models

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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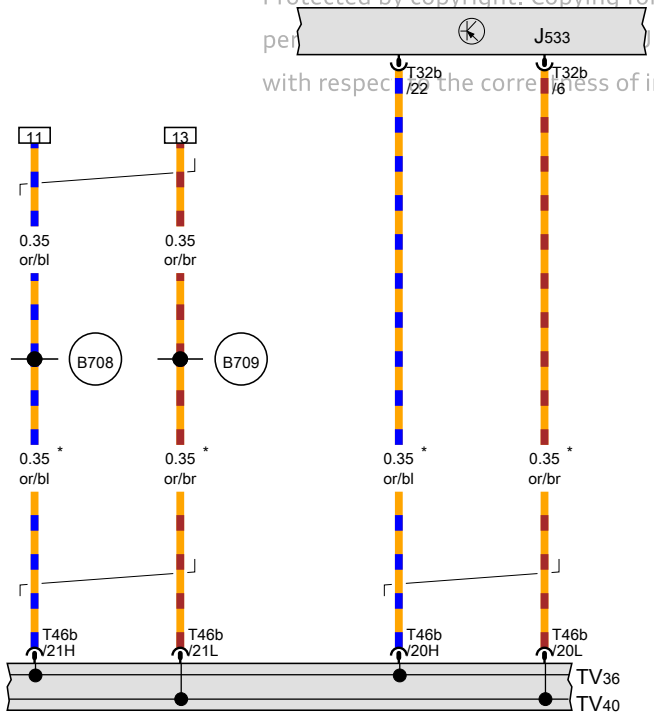
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Onboard supply control unit, Air conditioning system magnetic clutch, Air conditioner compressor regulating valve

J519	Onboard supply control unit
N25	Air conditioning system magnetic clutch
N280	Air conditioner compressor regulating valve
T2s	2-pin connector
T3cq	3-pin connector
T14s	14-pin connector, Coupling station, E-box on left in plenum chamber, brown
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17d	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
*	According to equipment

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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Data bus diagnostic interface, Wiring junction for dash panel insert CAN bus, high

J533	Data bus diagnostic interface
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Data bus wire (CAN bus)

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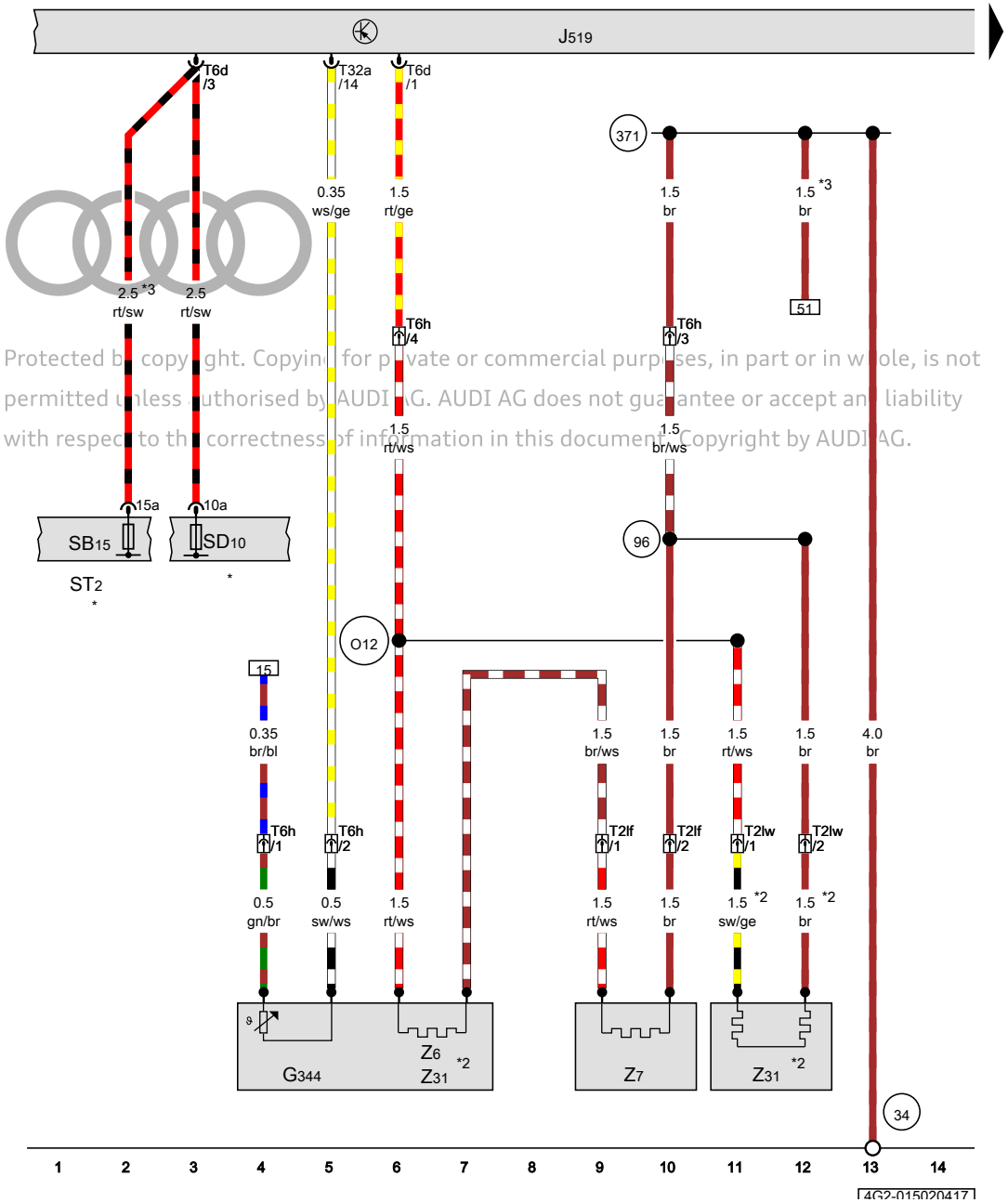
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Seat heating , (4A3),(4A4)

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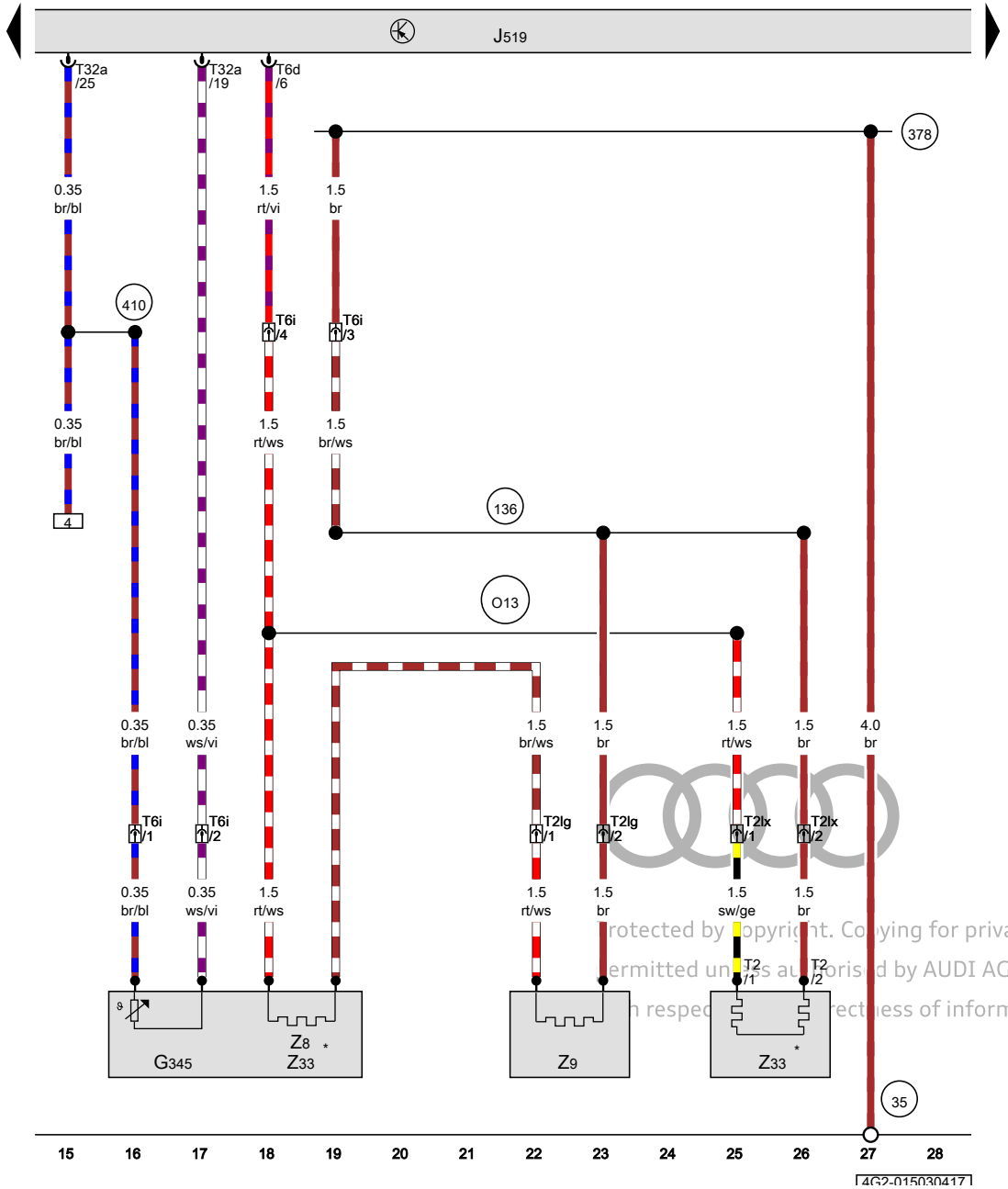
Front left seat temperature sender, Heated seat cushion for driver seat



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G344	Front left seat temperature sender
J519	Onboard supply control unit
ST2	Fuse carrier 2
SD10	Fuse 10 on fuse holder D
SB15	Fuse 15 on fuse holder B
T2lf	2-pin connector, in driver seat
T2lw	2-pin connector, in driver seat
T6d	6-pin connector
T6h	6-pin connector, in coupling point for front seat, left
T32a	32-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z31	Driver seat cushion lateral support heater
34	Earth point, under driver seat
96	Earth connection 1, in seat heating wiring harness
371	Earth connection 6, in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Front right seat temperature sender, Heated seat cushion for front passenger seat

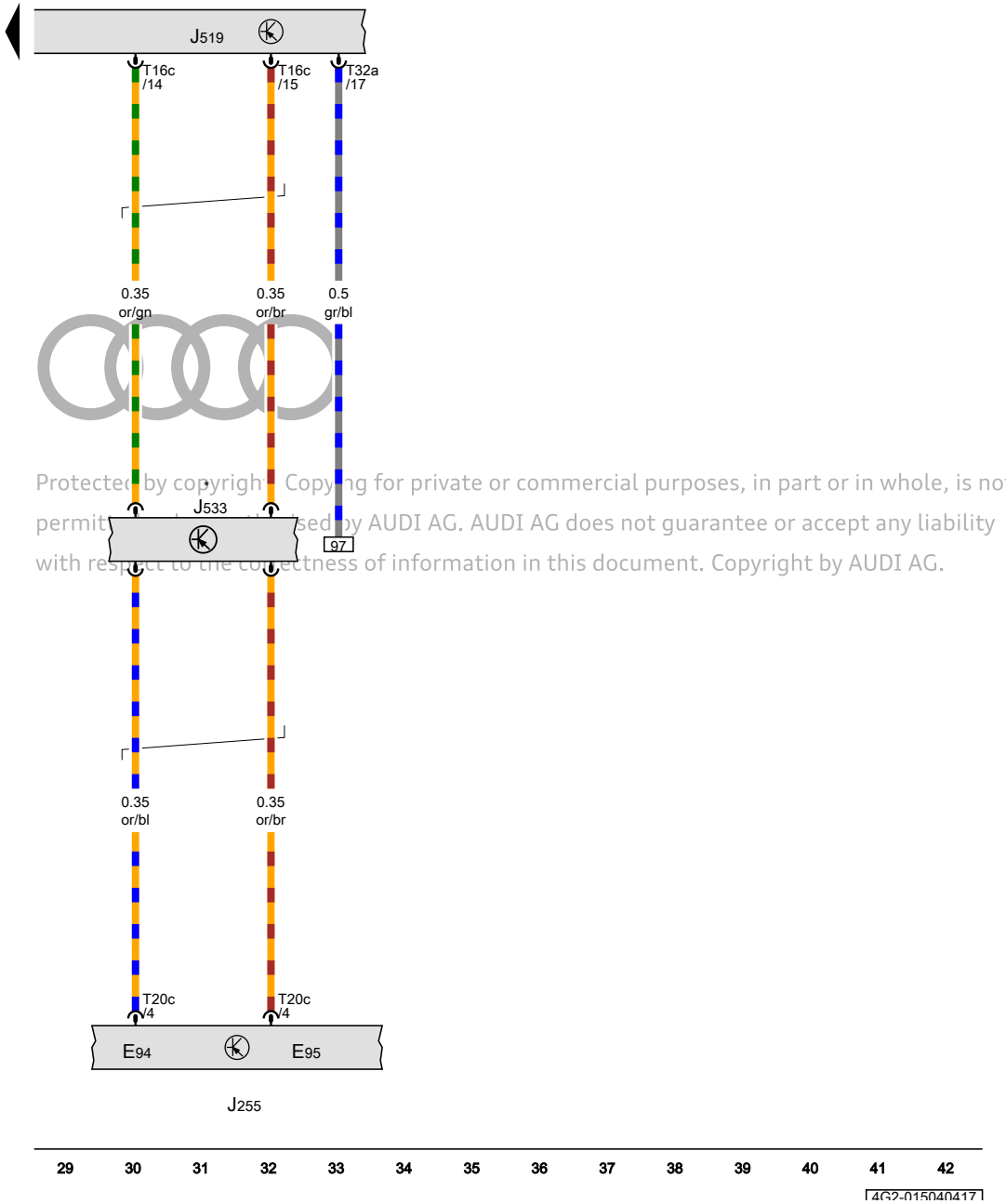
G345	Front right seat temperature sender
J519	Onboard supply control unit
T2	2-pin connector
T2lg	2-pin connector, in front passenger seat
T2lx	2-pin connector, in front passenger seat
T6d	6-pin connector
T6i	6-pin connector, in coupling point for front seat, right
T32a	32-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
Z33	Front passenger seat lateral support heater
35	Earth point, under front passenger seat
136	Earth connection 2, in seat heating wiring harness
378	Earth connection 13, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
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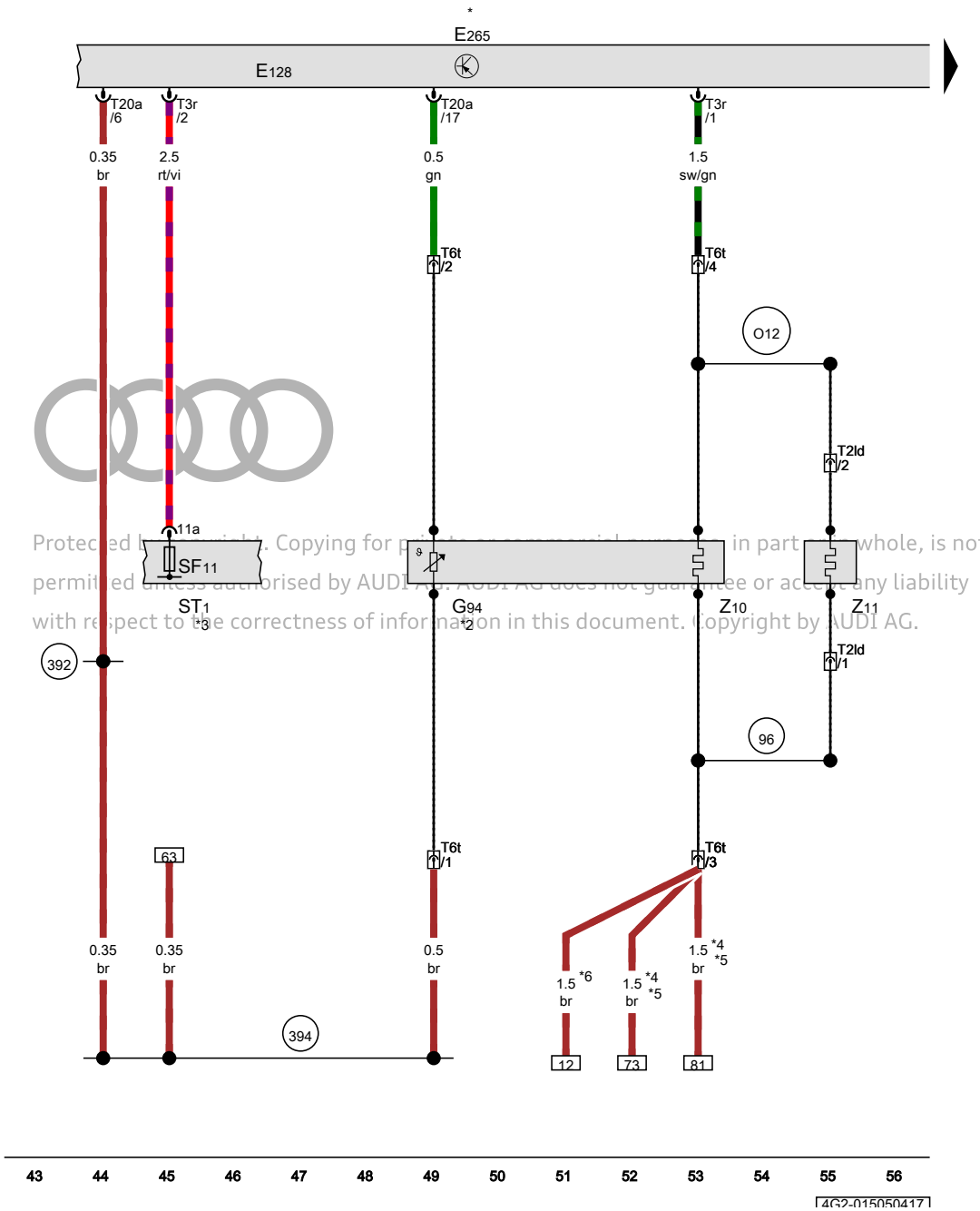
Heated driver seat regulator, Heated front passenger seat regulator

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J255	Climatronic control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector
T20c	20-pin connector
T32a	32-pin connector
*	see applicable current flow diagram for data bus network



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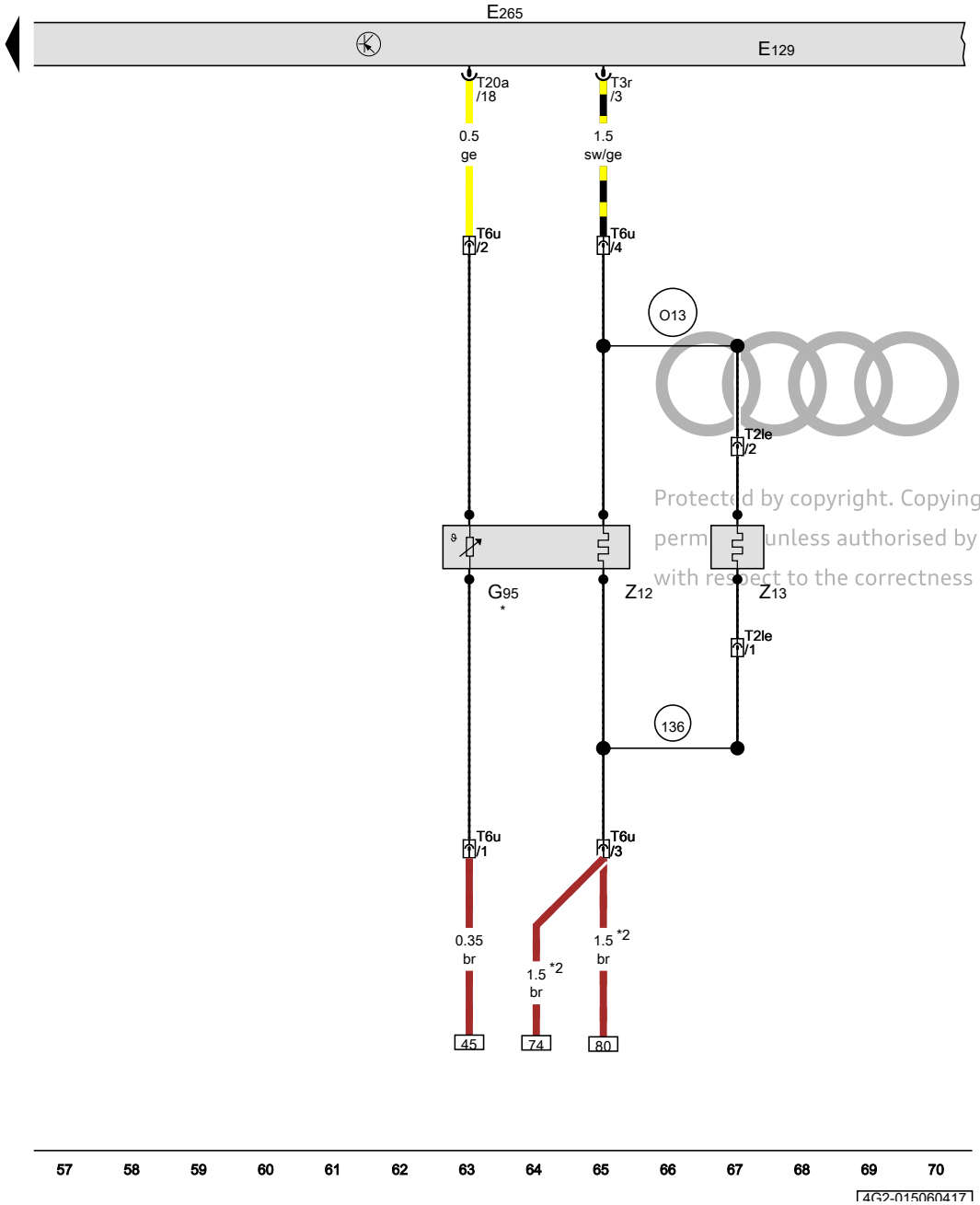
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Rear left seat temperature sensor, Heated bench seat cushion for rear left seat

E128	Heated rear left seat switch with regulator
E265	Operating and display unit for rear air conditioning system
G94	Rear left seat temperature sensor
ST1	Fuse carrier 1
SF11	Fuse 11 in fuse holder F
T2ld	2-pin connector, in rear left seat
T3r	3-pin connector
T6t	6-pin connector, in coupling point for rear seat, left
T20a	20-pin connector
Z10	Heated bench seat cushion for rear left seat
Z11	Heated backrest for rear left seat
96	Earth connection 1, in seat heating wiring harness
392	Earth connection 27, in main wiring harness
394	Earth connection 29, in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	Automatic air conditioning system, luxury Climatronic
*2	Only models with no adjustable seats
*3	see applicable current flow diagram for fuse assignment
*4	According to equipment
*5	Up to May 2014
*6	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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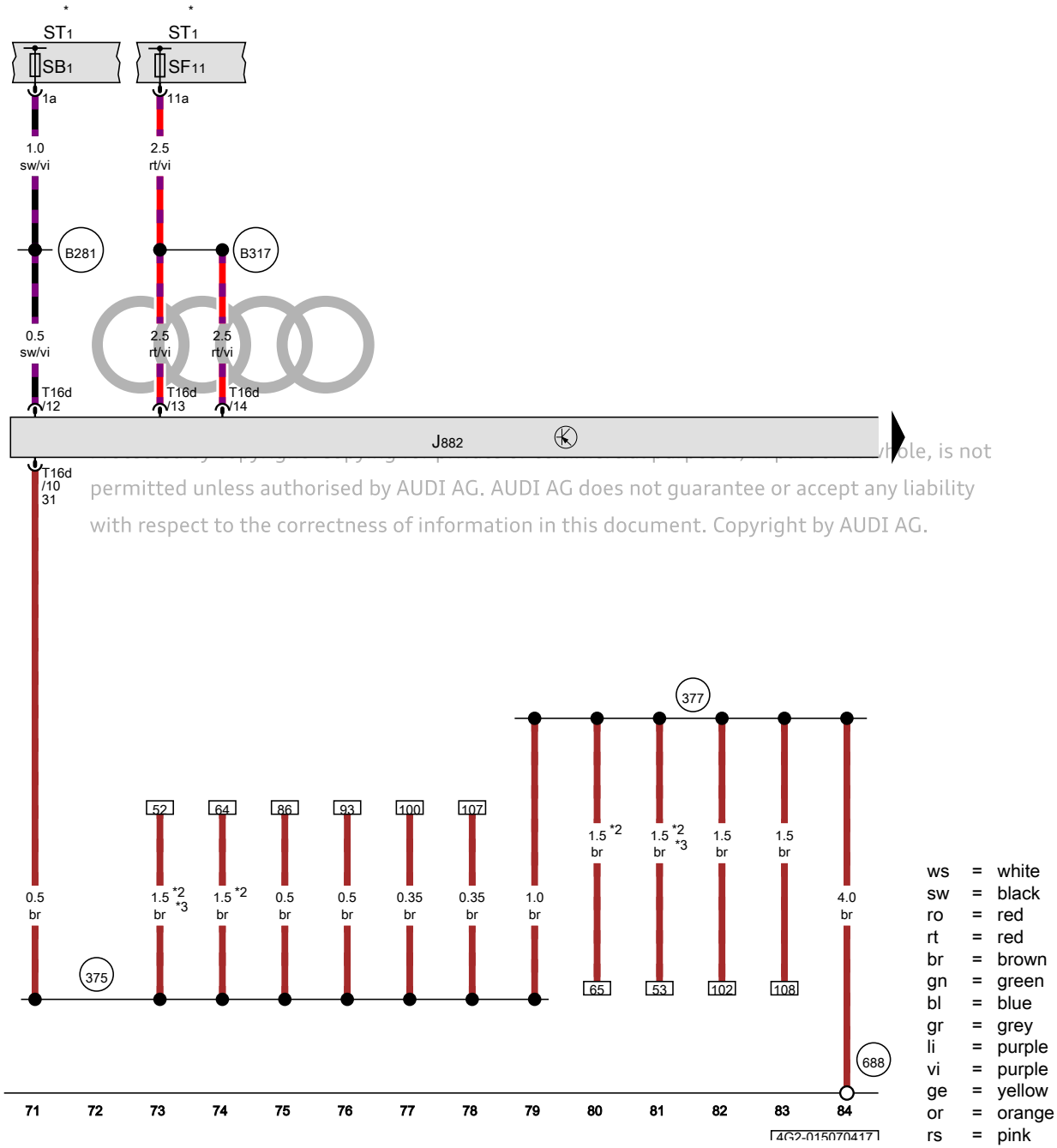
Rear right seat temperature sensor, Heated bench seat cushion for rear right seat



E129	Heated rear right seat switch with regulator
E265	Operating and display unit for rear air conditioning system
G95	Rear right seat temperature sensor
T2le	2-pin connector, in rear right seat
T3r	3-pin connector
T6u	6-pin connector, in coupling point for rear seat, right
T20a	20-pin connector
Z12	Heated bench seat cushion for rear right seat
Z13	Heated backrest for rear right seat
136	Earth connection 2, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness
*	Only models with no adjustable seats
*2	According to equipment

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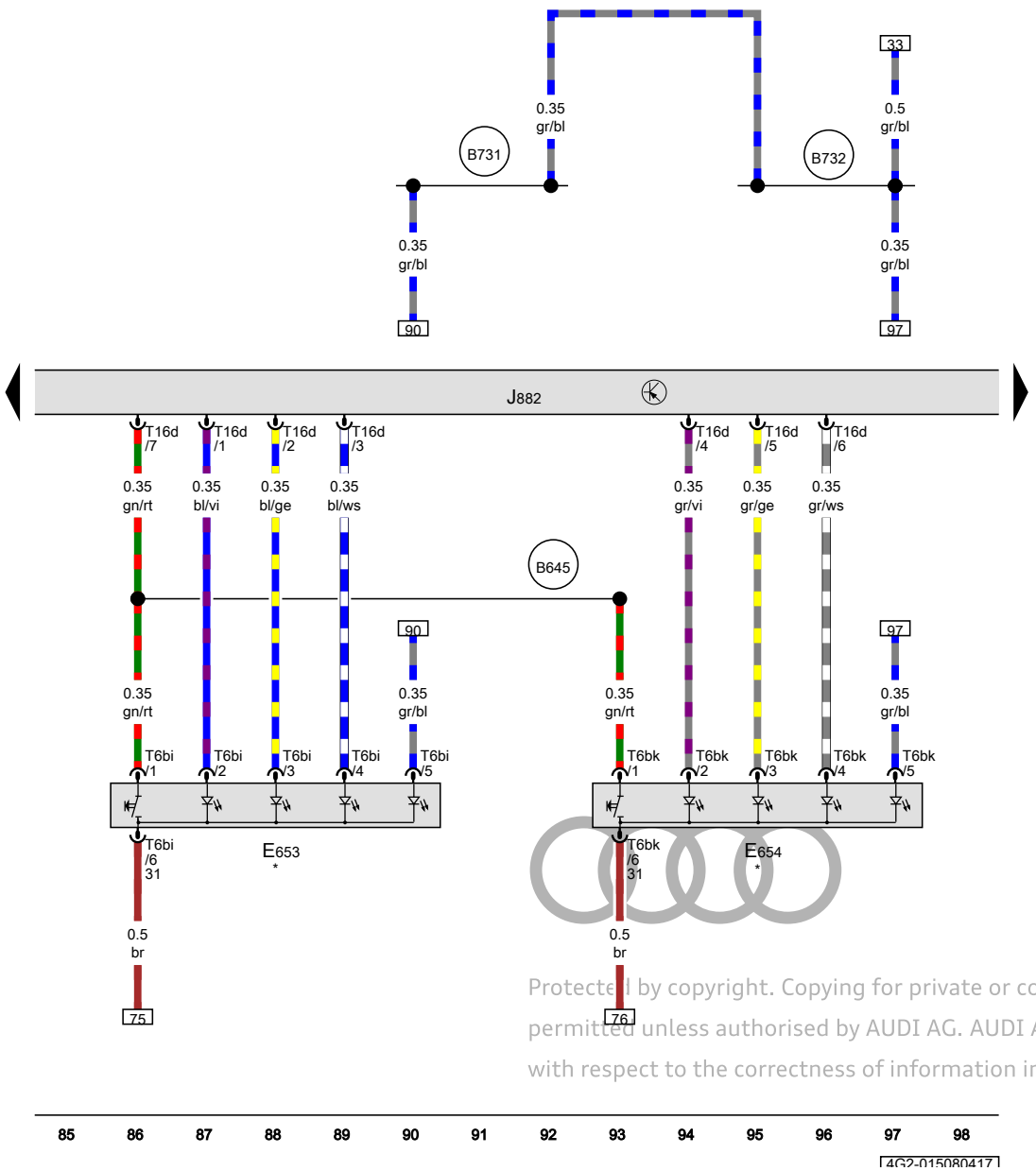
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Seat heating control unit

J882	Seat heating control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SF11	Fuse 11 in fuse holder F
T16d	16-pin connector
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Up to May 2014

Button for left seat heating, Seat heating control unit

E653	Button for left seat heating
E654	Button for right seat heating
J882	Seat heating control unit
T6bi	6-pin connector
T6bk	6-pin connector
T16d	16-pin connector
B645	Connection 2 (seat heating), in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Automatic air conditioning system, basic Climatronic

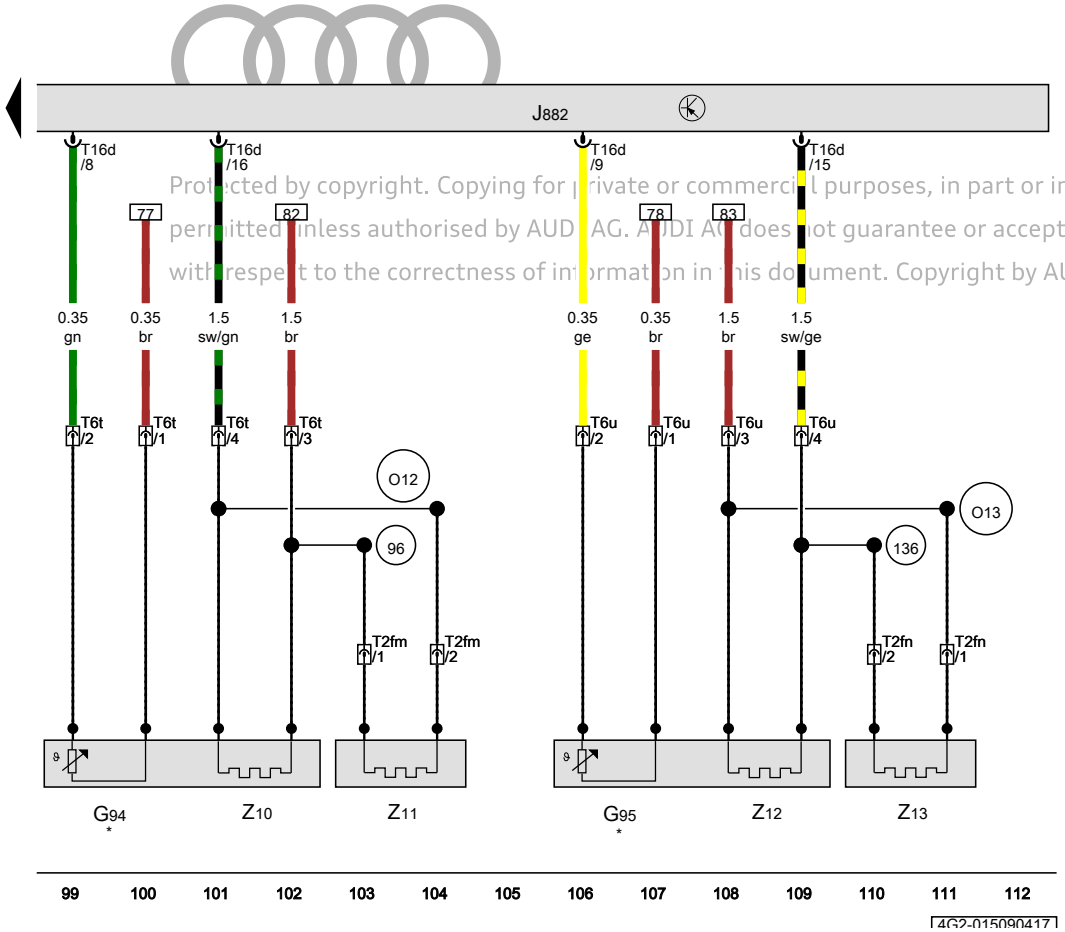


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Seat heating control unit, Heated bench seat cushion for rear left seat, Heated bench seat cushion for rear right seat

G94	Rear left seat temperature sensor
G95	Rear right seat temperature sensor
J882	Seat heating control unit
T2fm	2-pin connector, in rear left seat
T2fn	2-pin connector, in rear right seat
T6t	6-pin connector, in coupling point for rear seat, left
T6u	6-pin connector, in coupling point for rear seat, right
T16d	16-pin connector
Z10	Heated bench seat cushion for rear left seat
Z11	Heated backrest for rear left seat
Z12	Heated bench seat cushion for rear right seat
Z13	Heated backrest for rear right seat
96	Earth connection 1, in seat heating wiring harness
136	Earth connection 2, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness
*	Automatic air conditioning system, basic Climatronic



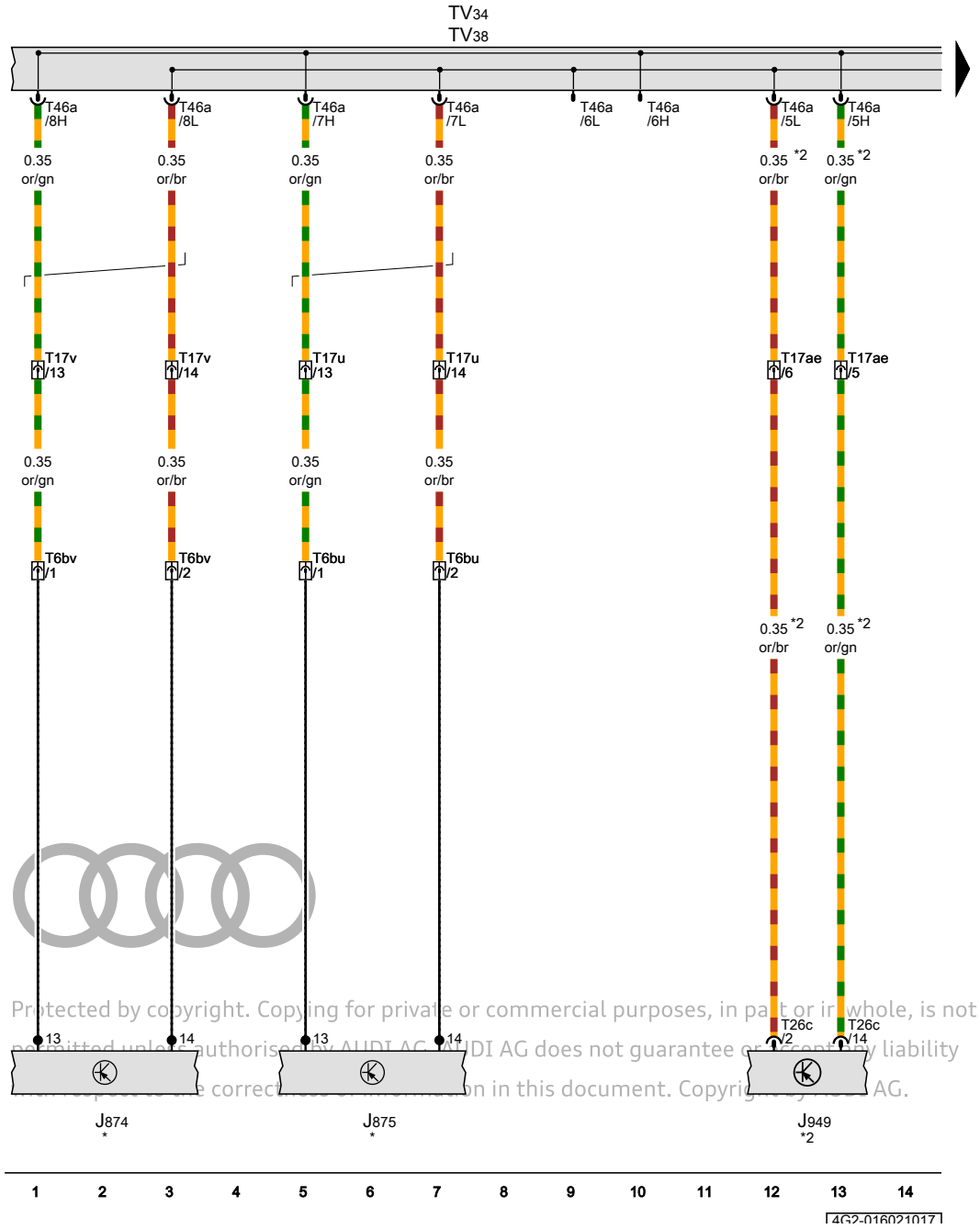
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or	=	orange
rs	=	pink

Data bus network

From January 2011

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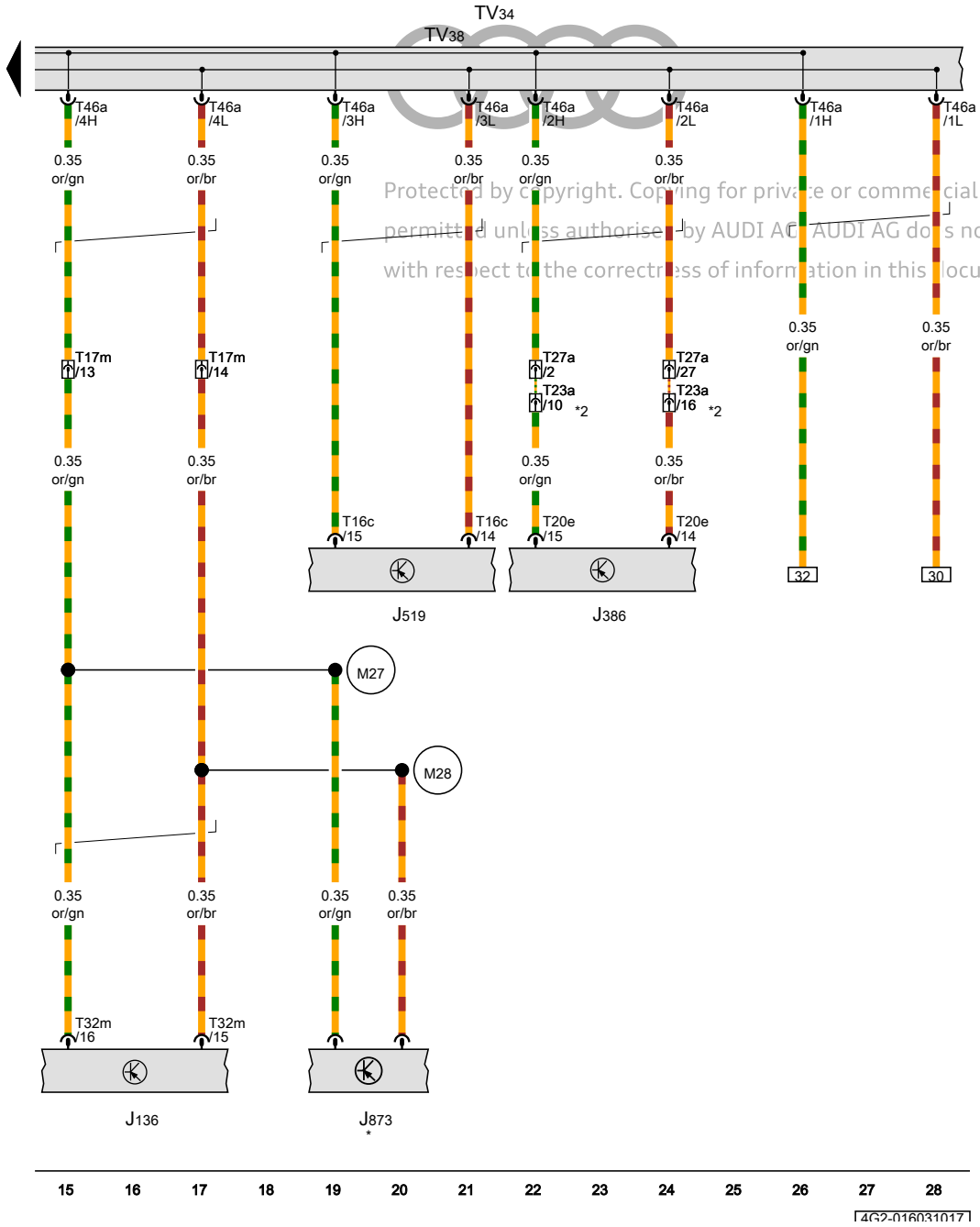


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Wiring junction for convenience CAN bus, low

J874	Control unit for rear multicontour seat, passenger side
J875	Control unit for rear multicontour seat, driver side
J949	Emergency call module control unit and communication unit
T6bu	6-pin connector, under left rear seat
T6bv	6-pin connector, under right rear seat
T17ae	17-pin connector, in right A-pillar coupling station, green
T17u	17-pin connector, under left rear seat
T17v	17-pin connector, under right rear seat
T26c	26-pin connector, black
T46a	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
*	For models with long wheelbase
*2	For models with emergency call module

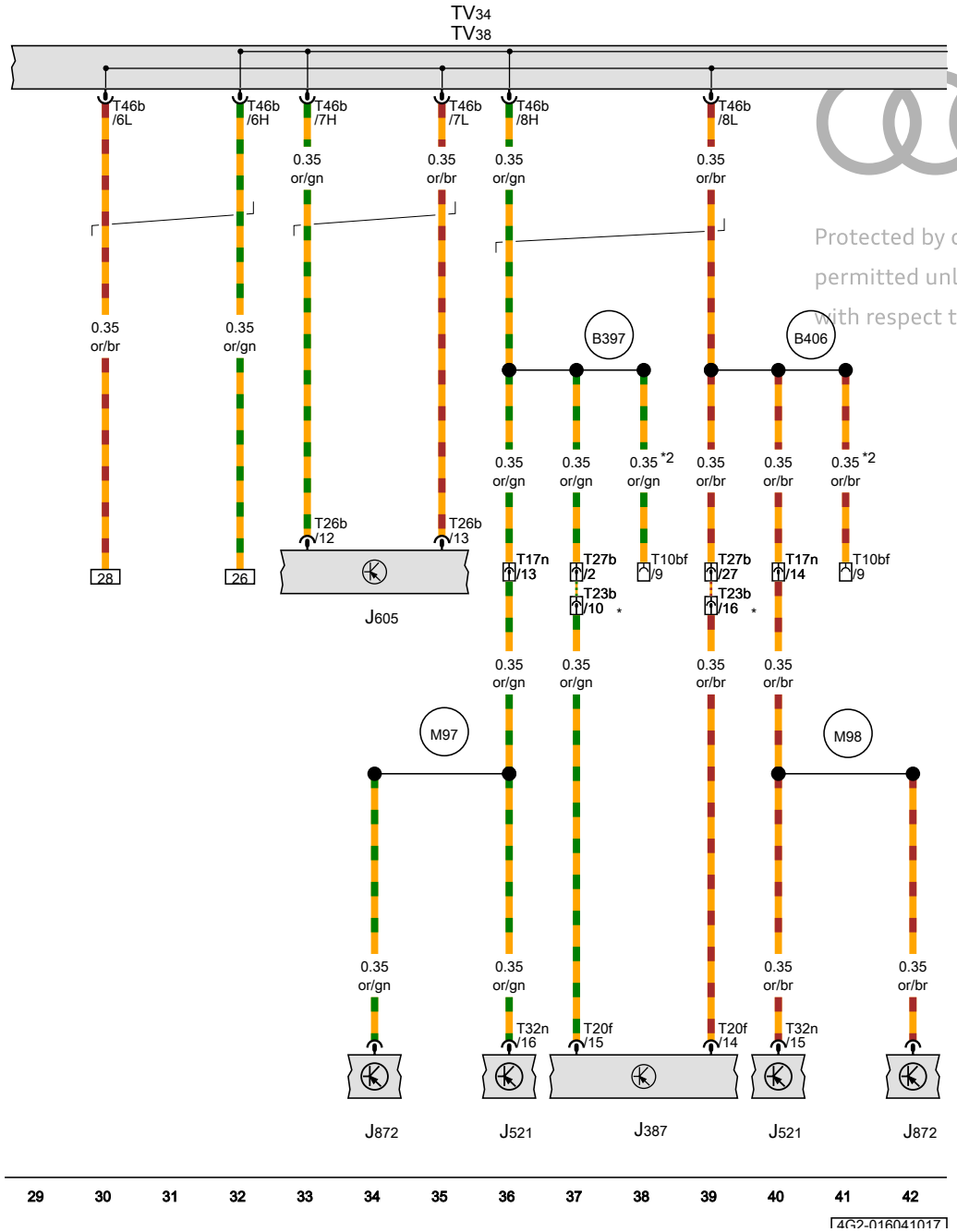


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Wiring junction for convenience CAN bus, low

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
J519	Onboard supply control unit
J873	Control unit for driver multicontour seat
T16c	16-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T20e	20-pin connector
T23a	23-pin connector, on left A-pillar
T27a	27-pin connector, on left A-pillar
T32m	32-pin connector
T46a	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
M27	Connection (convenience CAN bus, high), in driver seat adjustment wiring harness
M28	Connection (convenience CAN bus, low), in driver seat adjustment wiring harness
*	see applicable current flow diagram
*2	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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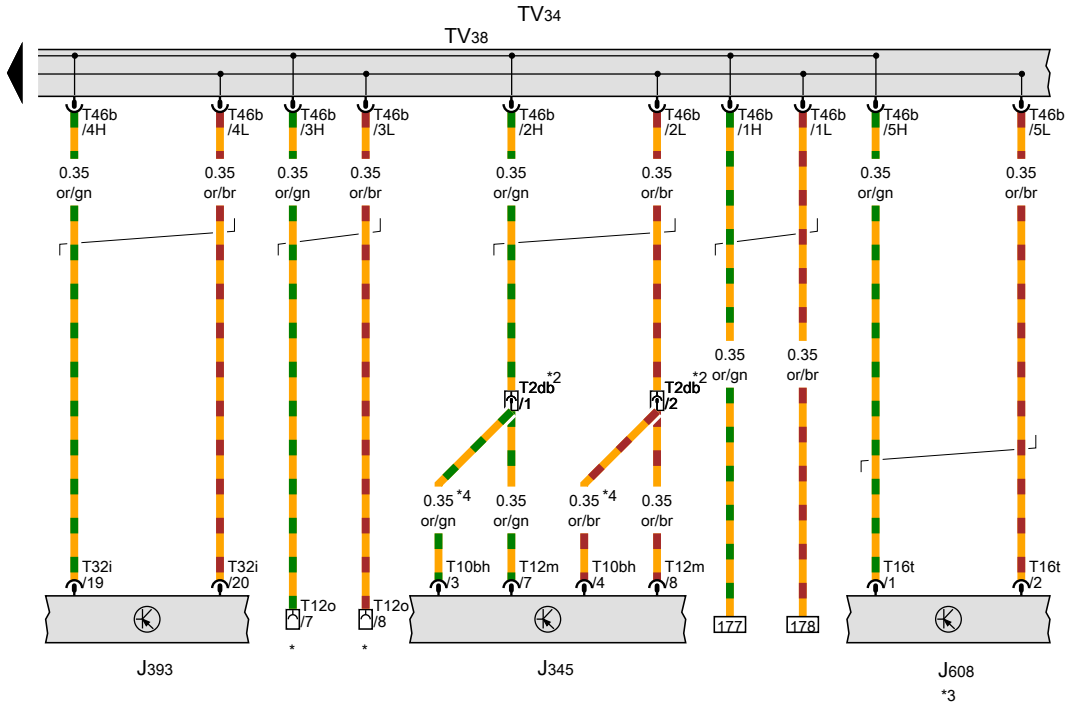


ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Wiring junction for convenience CAN bus, low

J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
J605	Rear lid control unit
J872	Control unit for front passenger multicontour seat
T10bf	10-pin connector, on left in dash panel
T17n	17-pin connector, in coupling point for front seat, right
T20f	20-pin connector
T23b	23-pin connector, on right A-pillar
T26b	26-pin connector
T27b	27-pin connector, on right A-pillar
T32n	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
M97	Connection (convenience CAN bus, high), in front passenger seat adjustment wiring harness
M98	Connection (convenience CAN bus, low), in front passenger seat adjustment wiring harness
*	From June 2011
*2	From June 2014

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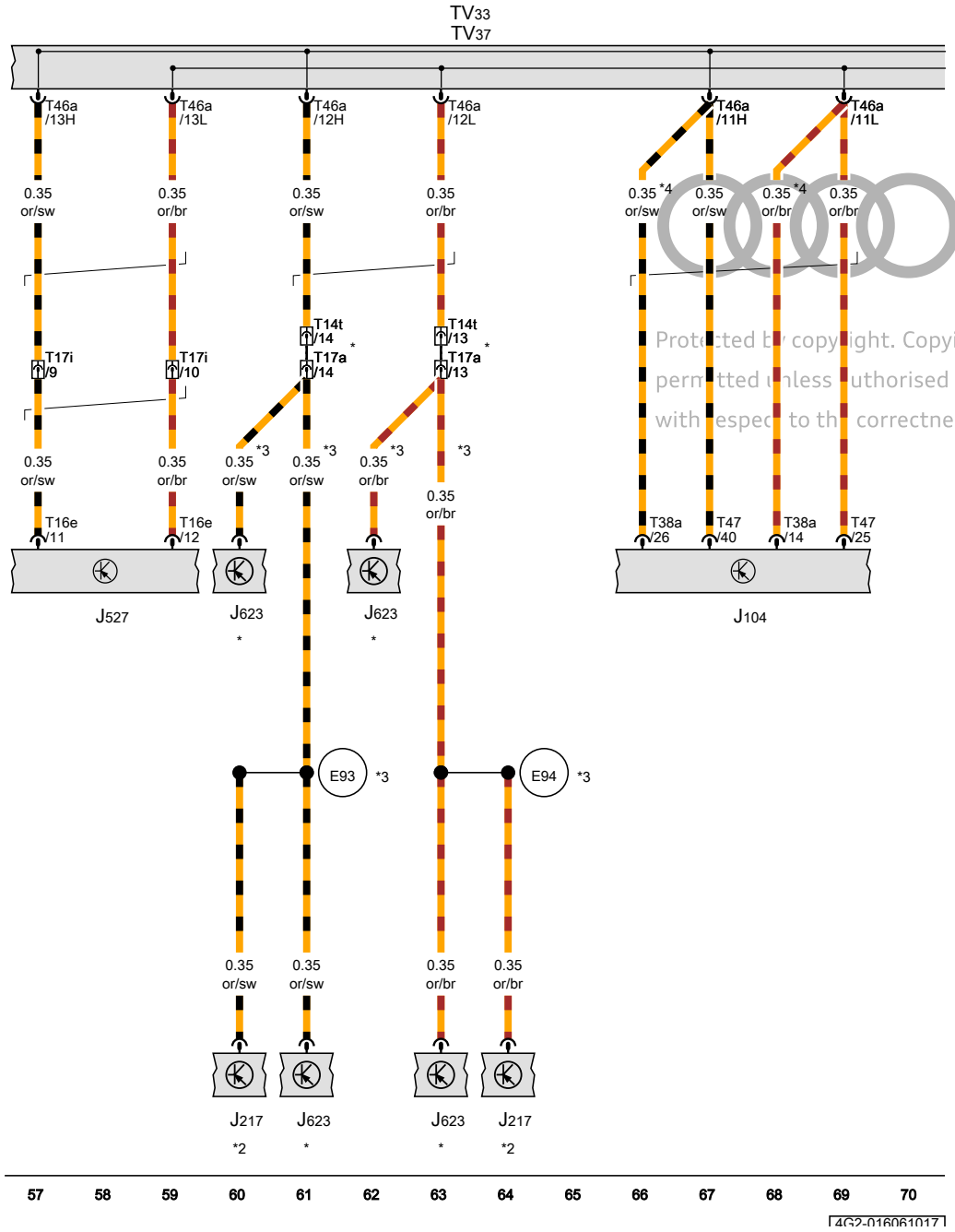


Wiring junction for convenience CAN bus, low

J345	Trailer detector control unit
J393	Convenience system central control unit
J608	Special vehicle control unit
T2db	2-pin connector, on right in luggage compartment
T10bh	10-pin connector
T12m	12-pin connector
T12o	12-pin connector, on right in luggage compartment
T16t	16-pin connector
T32i	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
*	For models with interface for special functions
*2	For models with preparation for trailer coupling
*3	see applicable current flow diagram for special purpose vehicles
*4	From June 2014

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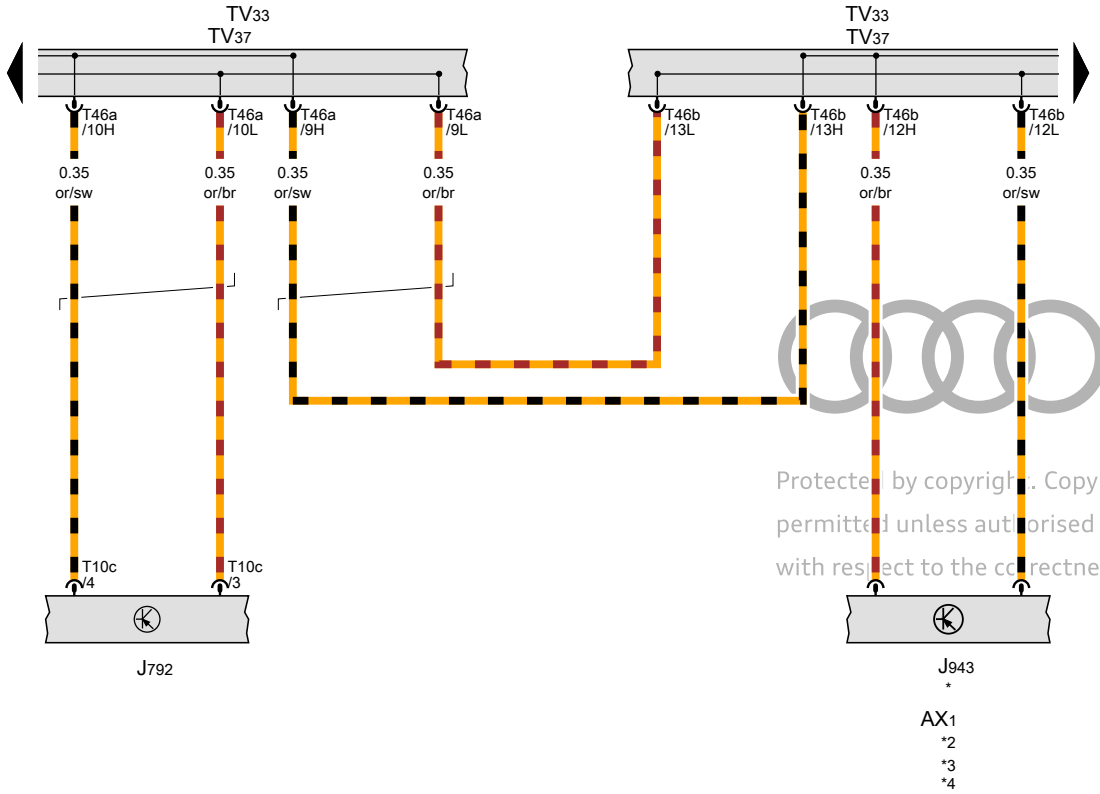


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Wiring junction for powertrain CAN bus, low

J104	ABS control unit
J217	Automatic gearbox control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T14t	14-pin connector
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T38a	38-pin connector
T46a	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
T47	47-pin connector
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for automatic gearbox
*3	According to equipment
*4	From June 2014

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rt	=	red
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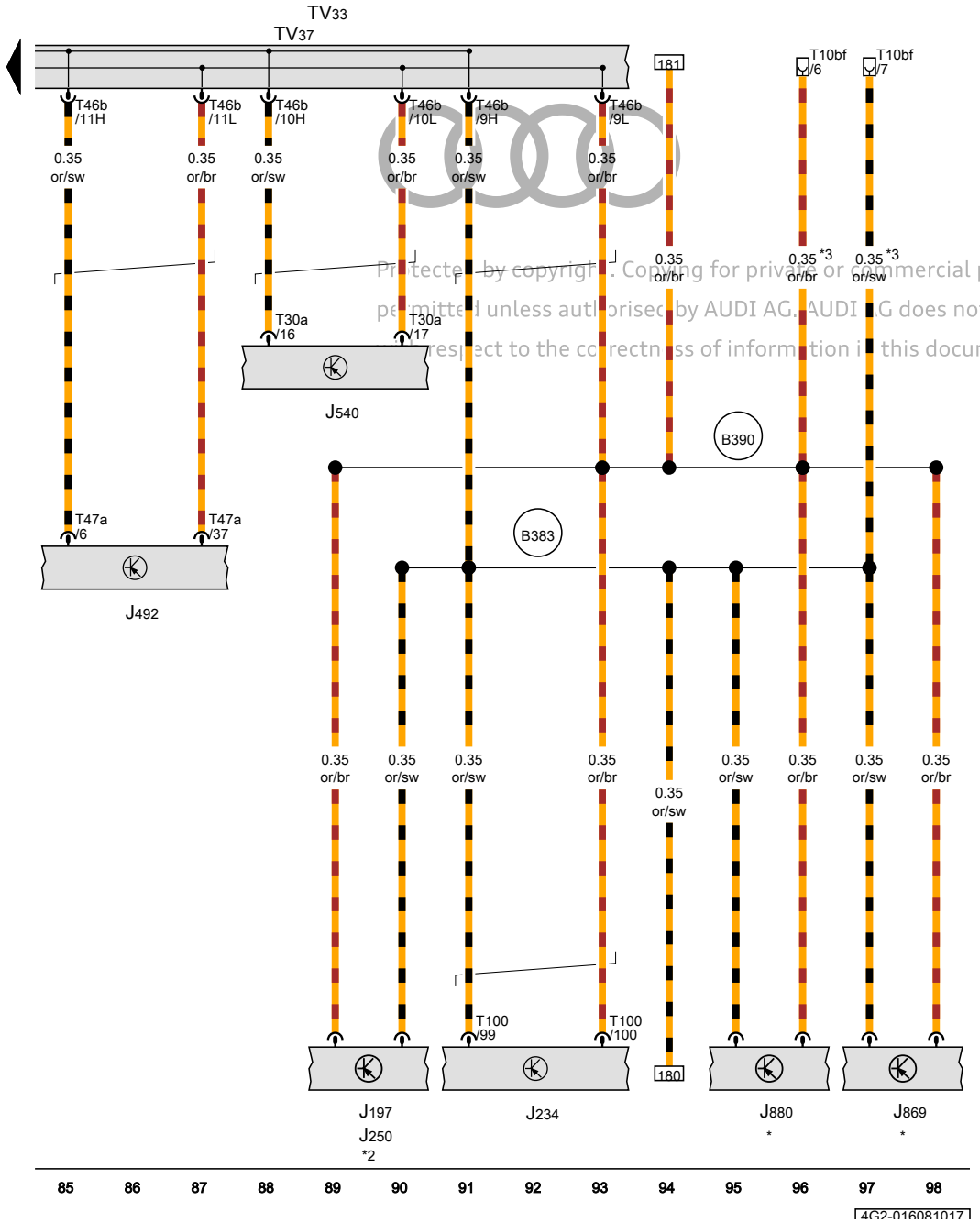
Engine sound generator control unit, Wiring junction for powertrain CAN bus, low

AX1	Hybrid battery unit
J792	Active steering control unit
J943	Engine sound generator control unit
T10c	10-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
*	see applicable current flow diagram
*2	For models with hybrid drive system
*3	see applicable current flow diagram for high-voltage system
*4	Up to October 2016

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rt	=	red
br	=	brown
gn	=	green
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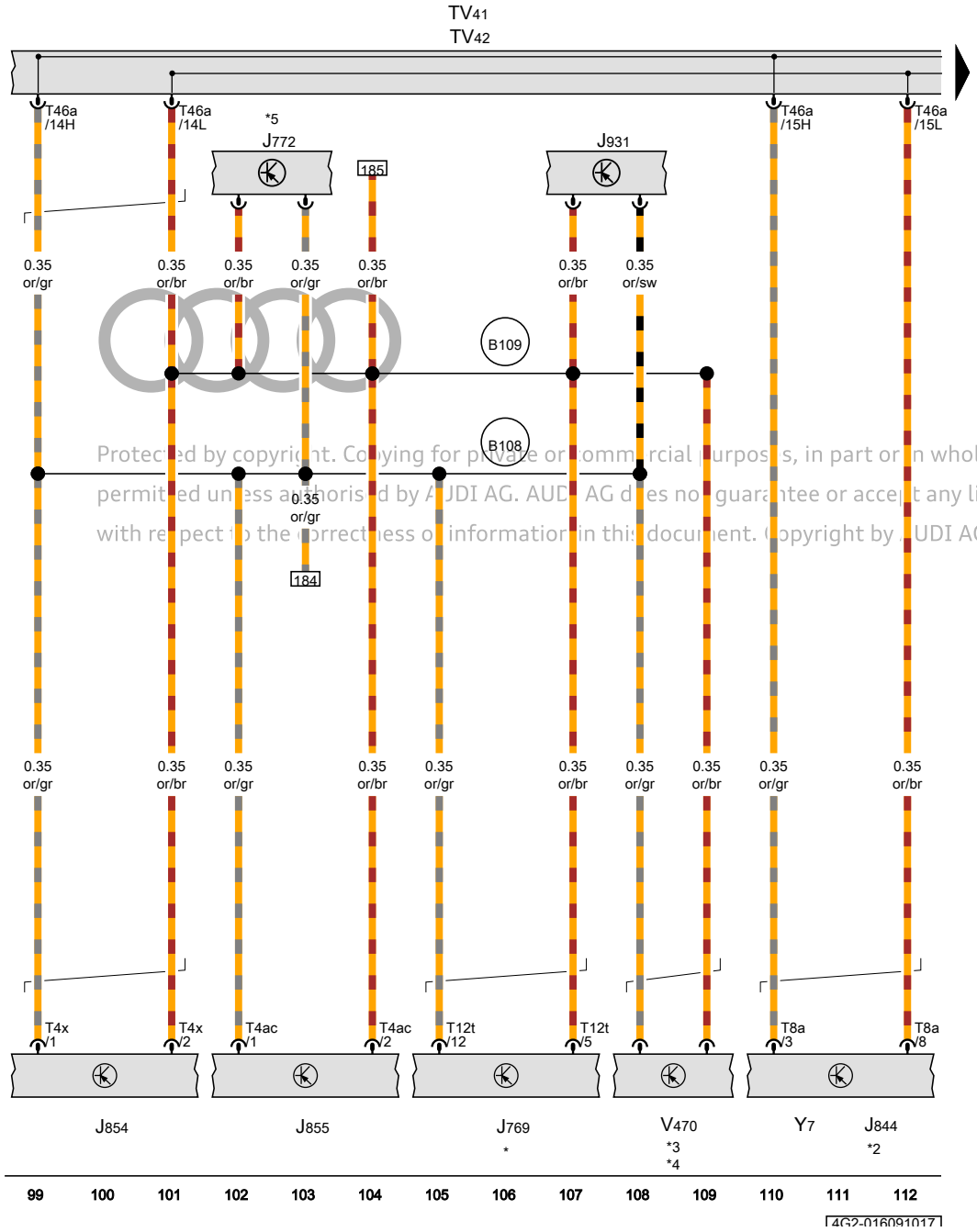


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Wiring junction for powertrain CAN bus, low

J197	Adaptive suspension control unit
J234	Airbag control unit
J250	Electronically controlled damping control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
J869	Control unit for structure-borne sound
J880	Control unit for reducing agent metering system
T10bf	10-pin connector, on left in dash panel
T30a	30-pin connector
T46b	46-pin connector
T47a	47-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
T100	100-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	From June 2014

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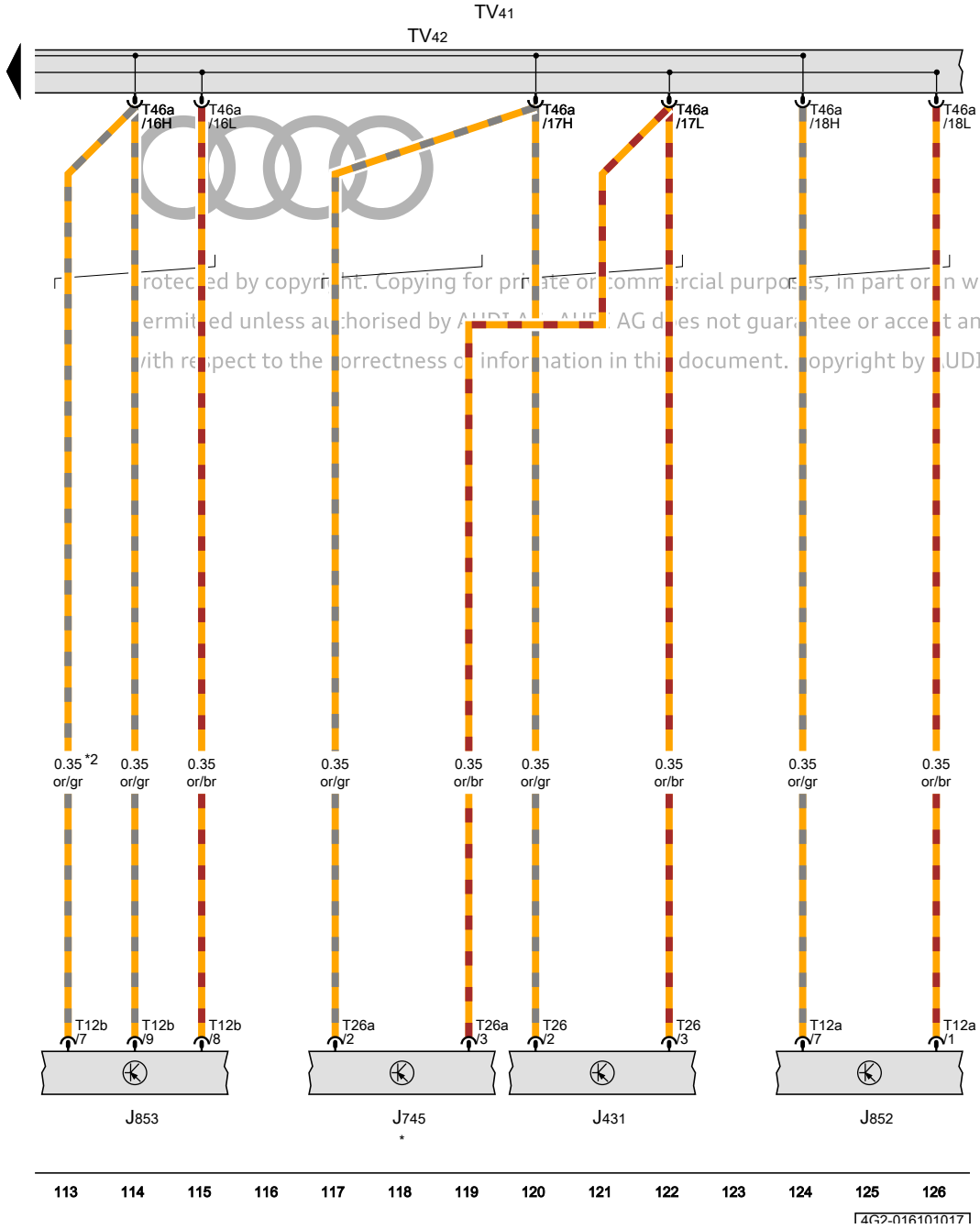


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Wiring junction for CAN bus extended low

J769	Lane change assist control unit
J772	Reversing camera system control unit
J844	Main beam assist control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
J931	Power unit mounting control unit
T4ac	4-pin connector
T4x	4-pin connector
T8a	8-pin connector
T12t	12-pin connector
T46a	46-pin connector
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
V470	Electrical air conditioner compressor
Y7	Automatic anti-dazzle interior mirror
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	For models with lane change assist
*2	For models with main beam assist
*3	For models with hybrid drive system
*4	see applicable current flow diagram for high-voltage system
*5	From June 2015

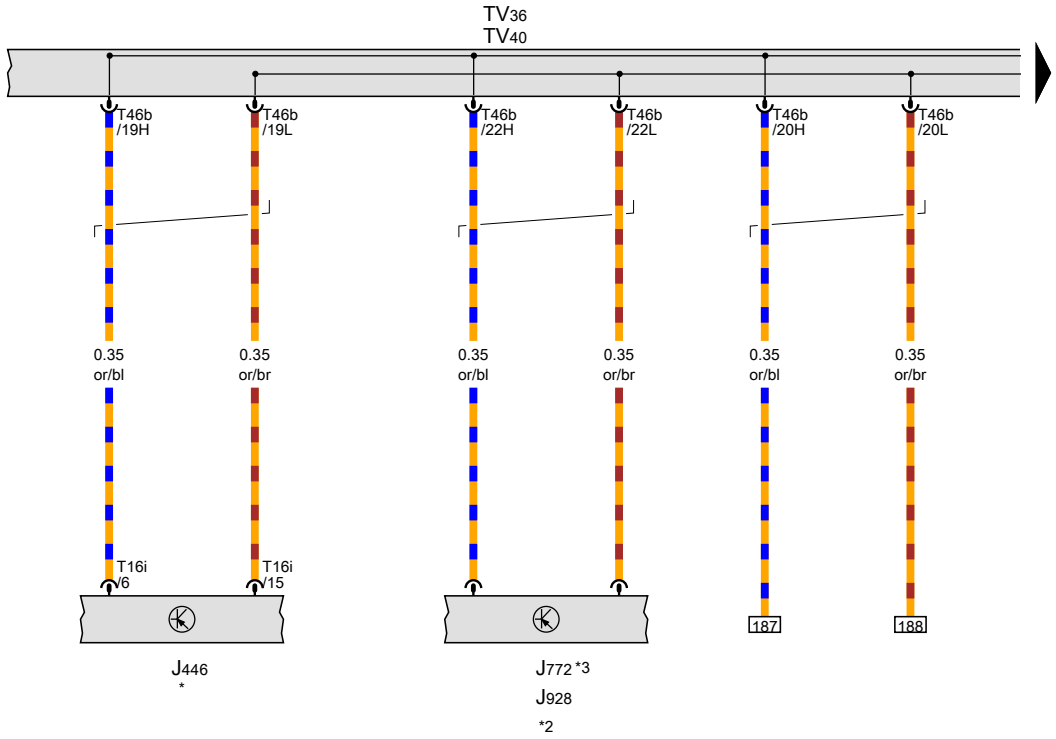


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Wiring junction for CAN bus extended low

J431	Headlight range control unit
J745	Control unit for cornering light and headlight range control
J852	Camera control unit
J853	Control unit for night vision system
T12a	12-pin connector
T12b	12-pin connector
T26	26-pin connector
T26a	26-pin connector
T46a	46-pin connector
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
*	For models with dynamic cornering light
*2	For driver assist systems

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rs	=	pink



Wiring junction for dash panel insert CAN bus, low

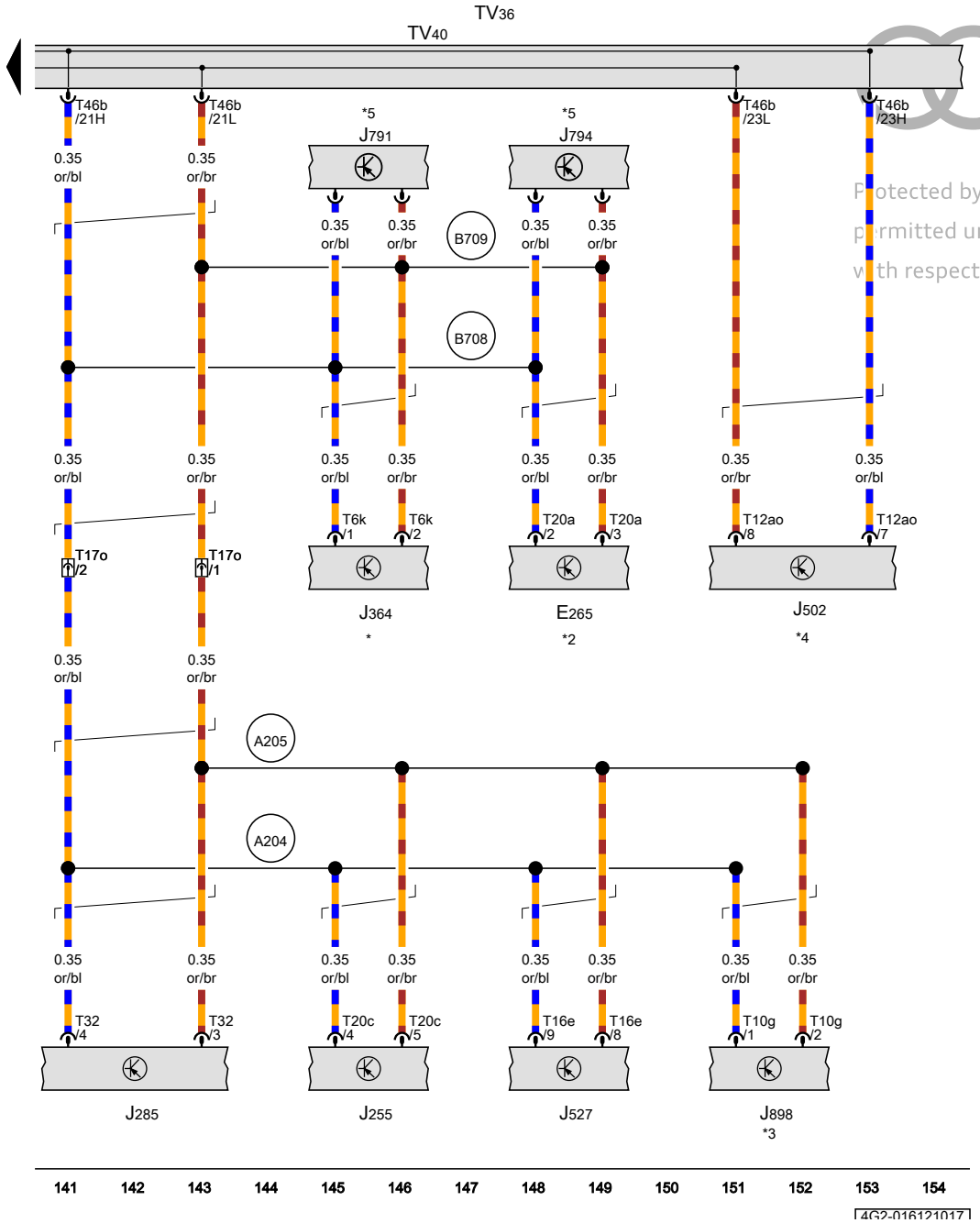
J446	Parking aid control unit
J772	Reversing camera system control unit
J928	Control unit for overhead view camera
T16i	16-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
*	Up to May 2014
*2	According to equipment
*3	Up to June 2015

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

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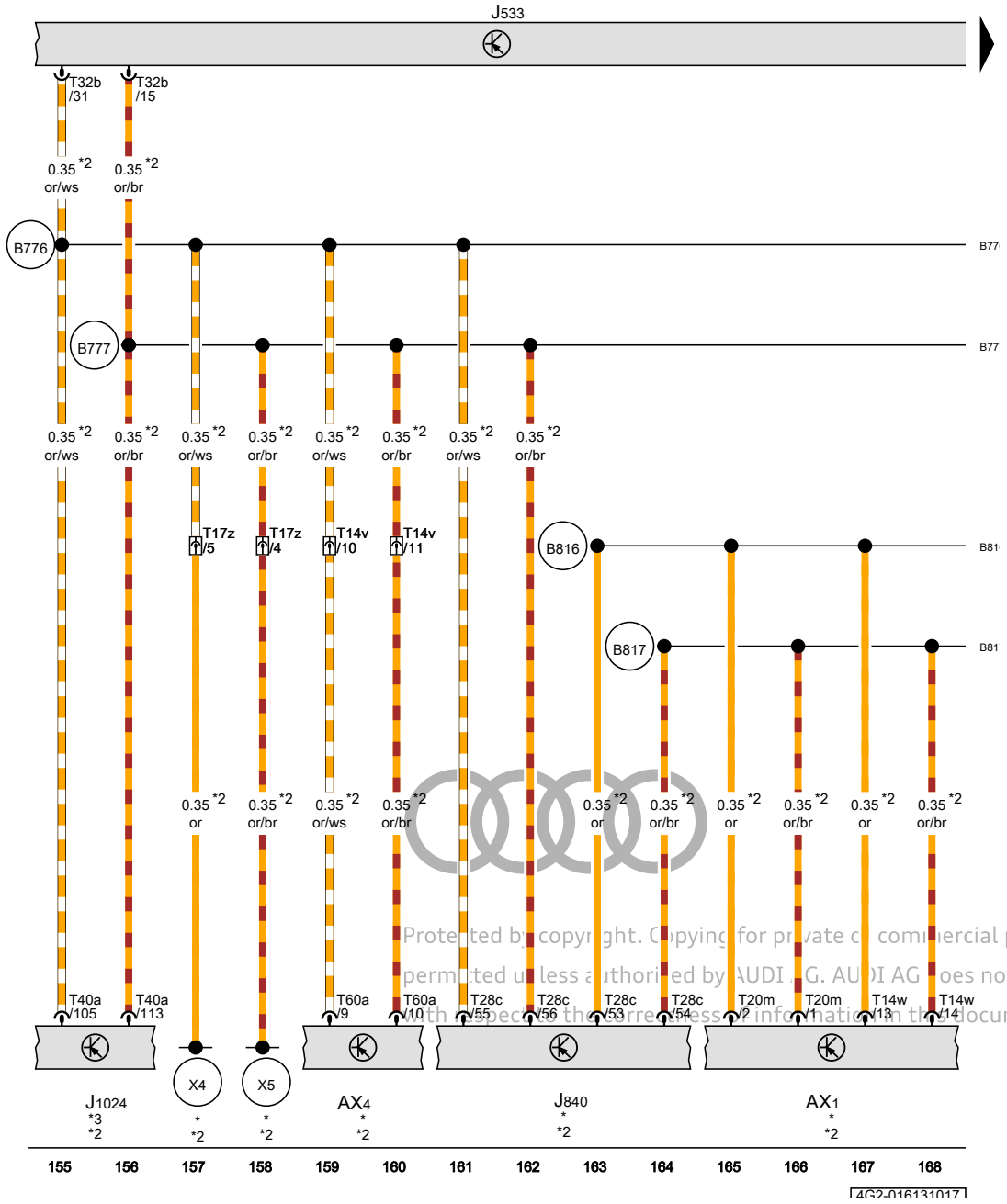
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Wiring junction for dash panel insert CAN bus, low

E265	Operating and display unit for rear air conditioning system
J255	Climatronic control unit
J285	Control unit in dash panel insert
J364	Auxiliary heater control unit
J502	Tyre Pressure Monitoring System control unit
J527	Steering column electronics control unit
J791	Park assist steering control unit
J794	Control unit 1 for information electronics
J898	Control unit for Head-up Display
T6k	6-pin connector
T10g	10-pin connector
T12ao	12-pin connector
T16e	16-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T20a	20-pin connector
T20c	20-pin connector
T32	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	For models with auxiliary heating
*2	Automatic air conditioning system, luxury Climatronic
*3	According to equipment
*4	For models with Tyre Pressure Monitoring System
*5	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

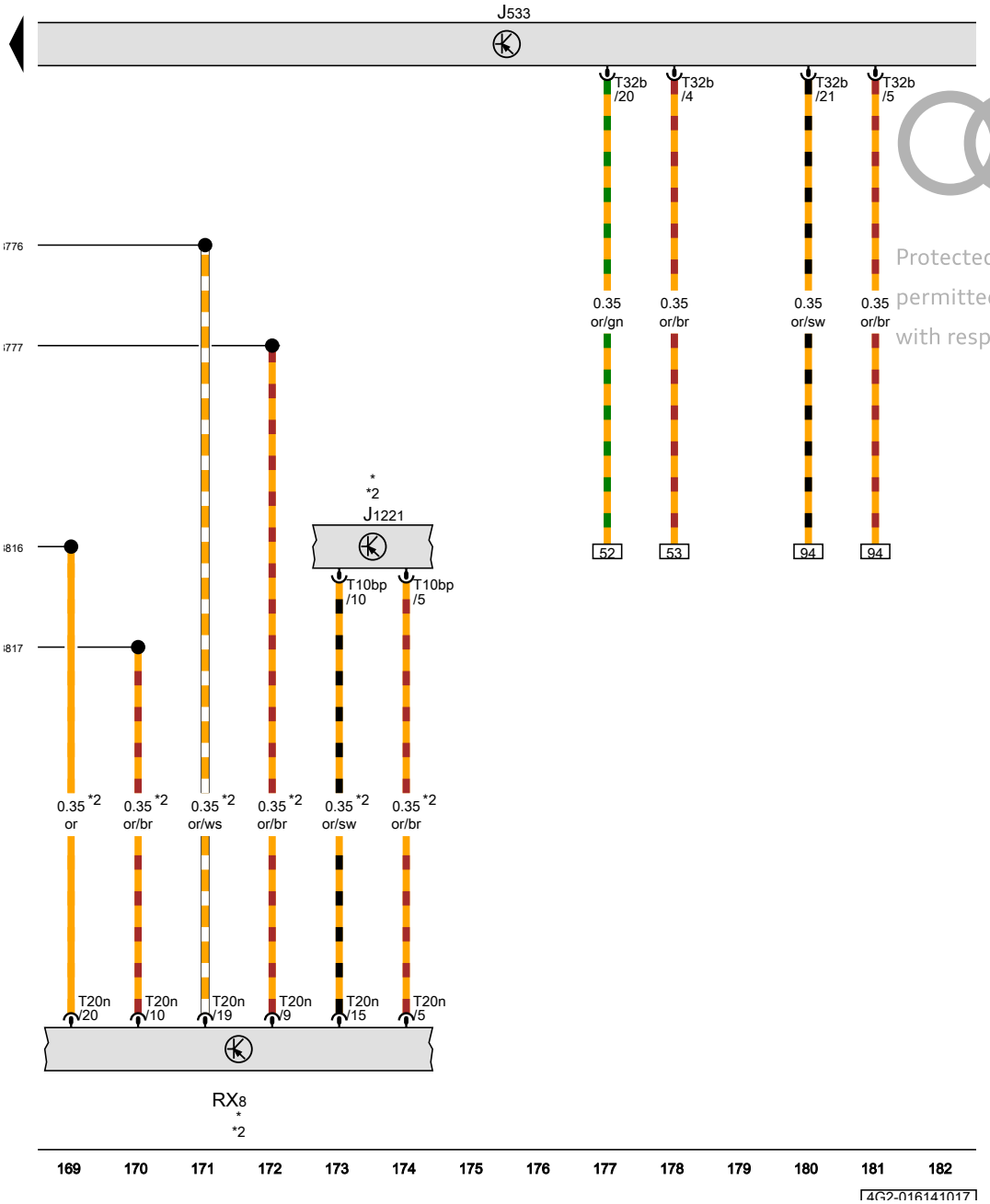
Hybrid battery unit, Charging unit 1 for high-voltage battery, Data bus diagnostic interface, Battery regulation control unit



AX1	Hybrid battery unit
AX4	Charging unit 1 for high-voltage battery
J533	Data bus diagnostic interface
J840	Battery regulation control unit
J1024	Thermal management control unit
T14v	14-pin connector, black
T14w	14-pin connector, black
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T20m	20-pin connector, black
T28c	28-pin connector, black
T32b	32-pin connector
T40a	40-pin connector, black
T60a	60-pin connector, black
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
B816	Connection 2 (hybrid CAN bus, high) in main wiring harness
B817	Connection 2 (hybrid CAN bus, low) in main wiring harness
X4	Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
X5	Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
*	see applicable current flow diagram for high-voltage system
*2	From October 2016
*3	see applicable current flow diagram for heat pump

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
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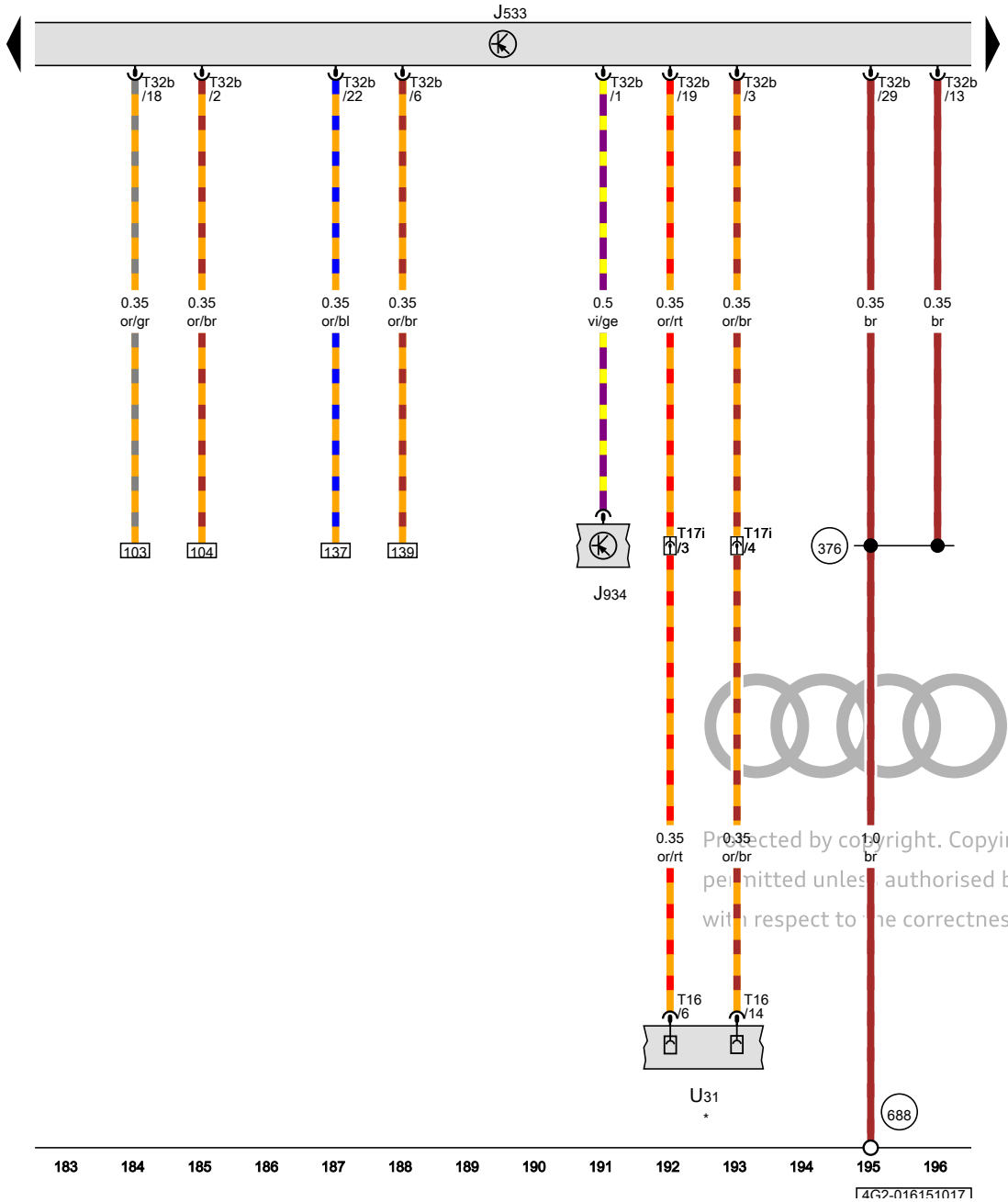


Data bus diagnostic interface, Interface control unit for telematics, Telephone interface

J533	Data bus diagnostic interface
J1221	Interface control unit for telematics
RX8	Telephone interface
T10bp	10-pin connector, black
T20n	20-pin connector, brown
T32b	32-pin connector
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
B816	Connection 2 (hybrid CAN bus, high) in main wiring harness
B817	Connection 2 (hybrid CAN bus, low) in main wiring harness
*	see applicable current flow diagram for vehicle location system
*2	From July 2017

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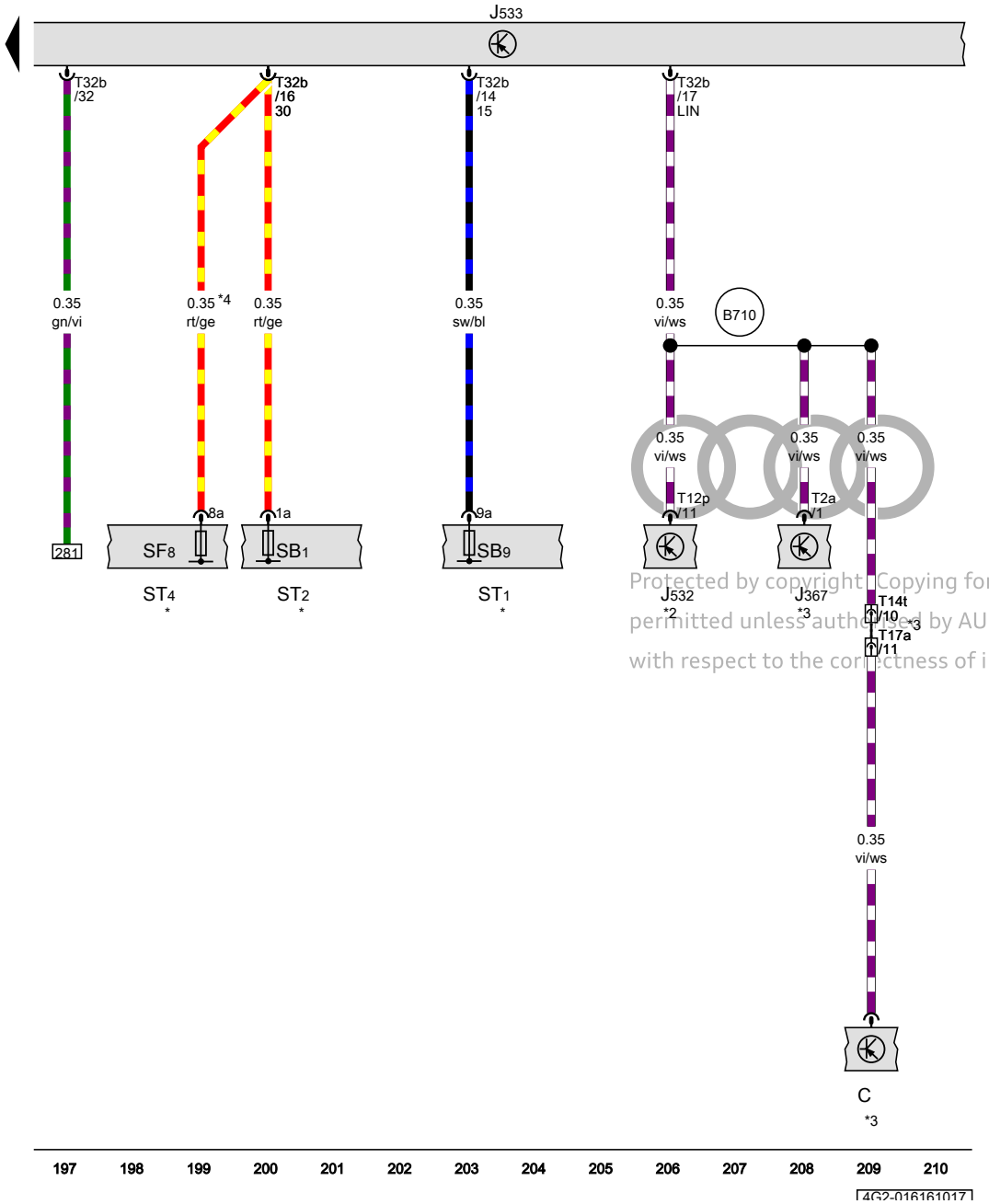
Data bus diagnostic interface

J533	Data bus diagnostic interface
J934	Battery monitor control unit 2
T16	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32b	32-pin connector
U31	Diagnostic connection
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
*	Diagnostic connection

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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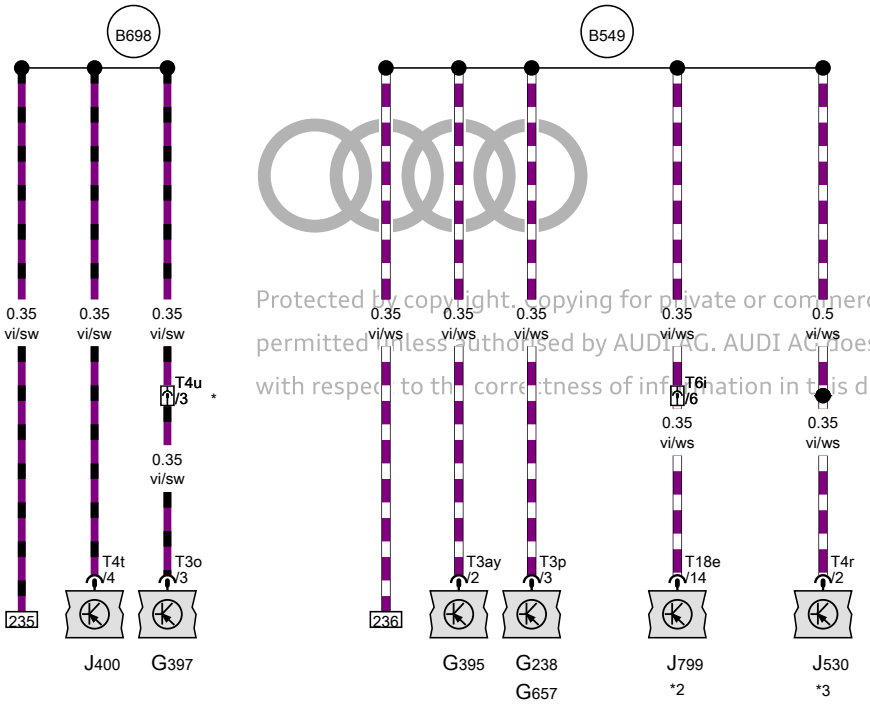
Battery monitor control unit, Data bus diagnostic interface



C	Alternator
J367	Battery monitor control unit
J532	Voltage stabiliser
J533	Data bus diagnostic interface
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF8	Fuse 8 in fuse holder F
SB9	Fuse 9 on fuse holder B
T2a	2-pin connector
T12p	12-pin connector
T14t	14-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
B710	Connection 5 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with stop/start system
*3	see applicable current flow diagram for engine
*4	From June 2014

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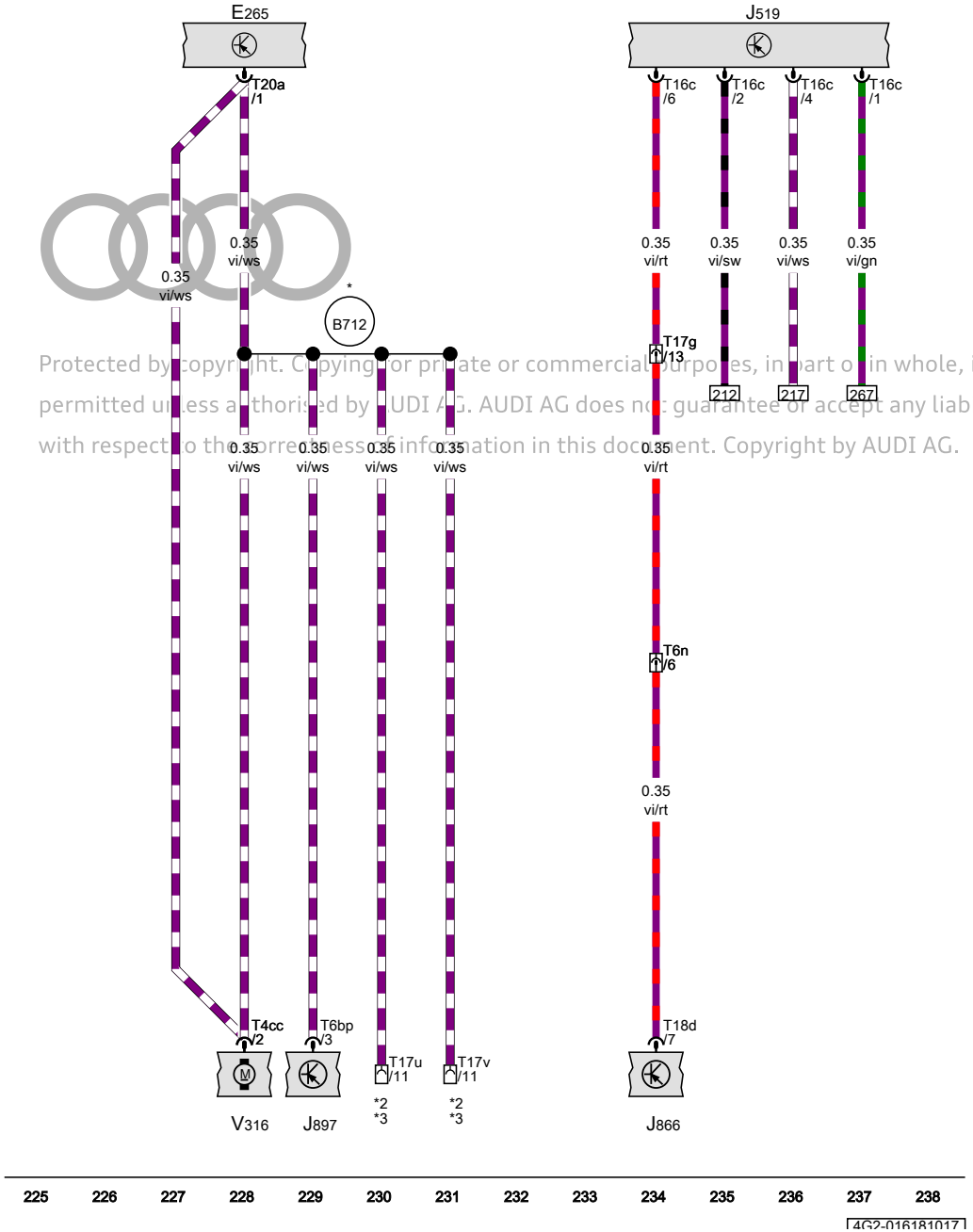
Connection 2 (LIN bus) in main wiring harness, Connection 3 (LIN bus) in main wiring harness

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G397	Rain and light sensor
G657	Humidity sender in fresh air intake duct
J400	Wiper motor control unit
J530	Garage door operation control unit
J799	Control unit for front right seat ventilation
T3ay	3-pin connector
T3o	3-pin connector
T3p	3-pin connector
T4r	4-pin connector
T4t	4-pin connector
T4u	4-pin connector, near interior mirror
T6i	6-pin connector, in coupling point for front seat, right
T18e	18-pin connector
B549	Connection 2 (LIN bus) in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment
*2	For models with seat ventilation
*3	For models with garage door opener

211 212 213 214 215 216 217 218 219 220 221 222 223 224

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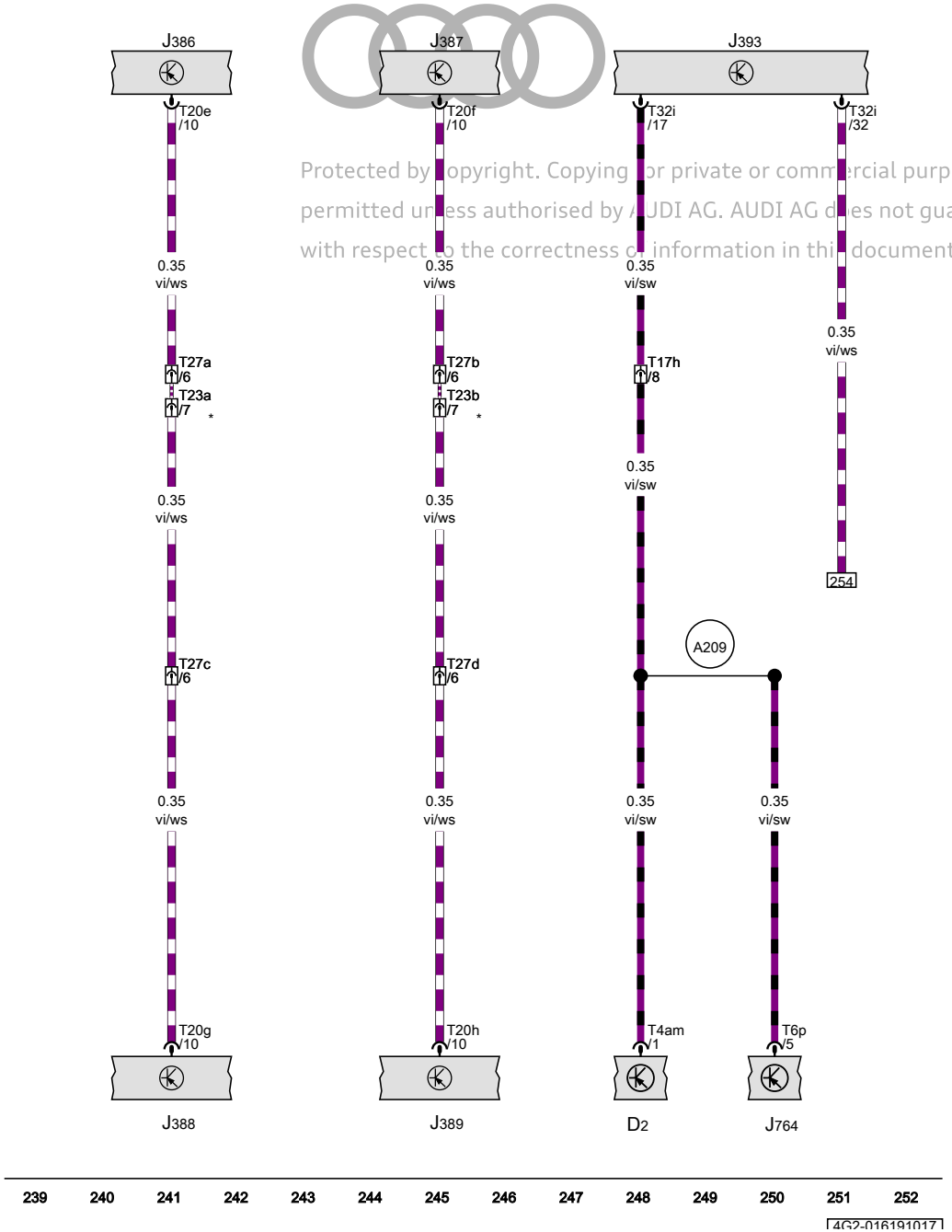


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Connection 7 (LIN bus) in main wiring harness

E265	Operating and display unit for rear air conditioning system
J519	Onboard supply control unit
J866	Control unit for electrically adjustable steering column
J897	Control unit for air ionisation system
T4cc	4-pin connector
T6bp	6-pin connector
T6n	6-pin connector, behind steering column trim
T16c	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T17u	17-pin connector, under left rear seat
T17v	17-pin connector, under right rear seat
T18d	18-pin connector
T20a	20-pin connector
V316	Rear right chest vent control motor
B712	Connection 7 (LIN bus) in main wiring harness
*	For models with equipment for China
*2	For models with rear seat ventilation
*3	see applicable current flow diagram

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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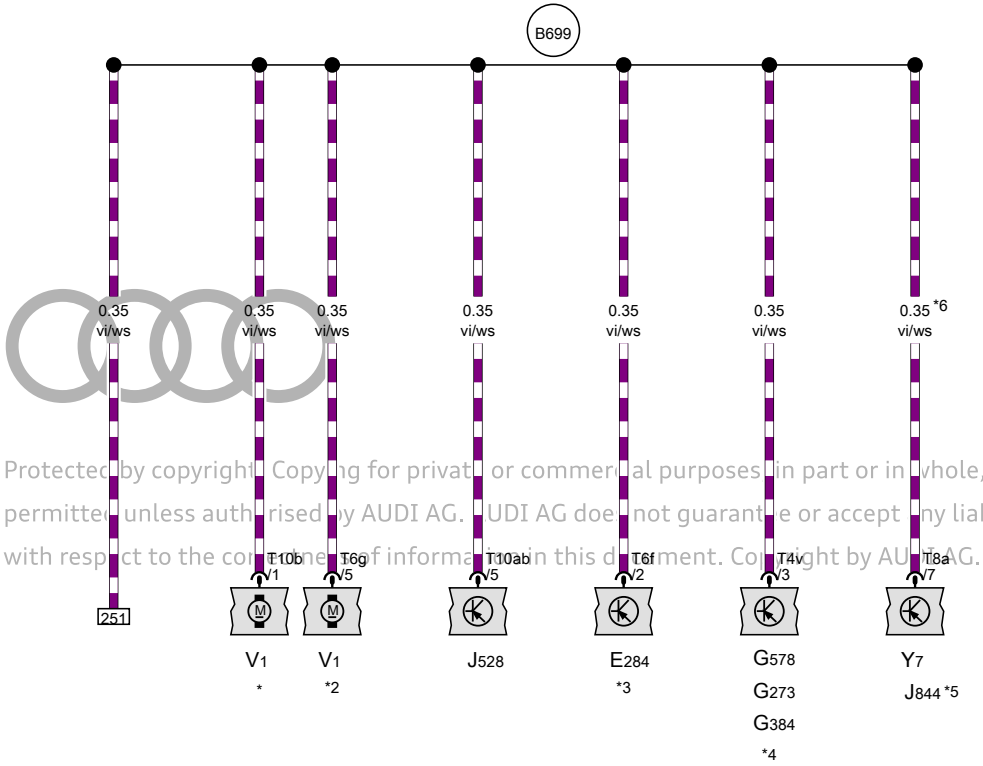


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Driver door control unit, Front passenger door control unit, Rear left door control unit, Rear right door control unit, Connection 1 (LIN bus) in dash panel wiring harness

D2	Immobiliser reader coil
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J764	Control unit for electronic steering column lock
T4am	4-pin connector
T6p	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T20e	20-pin connector
T20f	20-pin connector
T20g	20-pin connector
T20h	20-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32i	32-pin connector
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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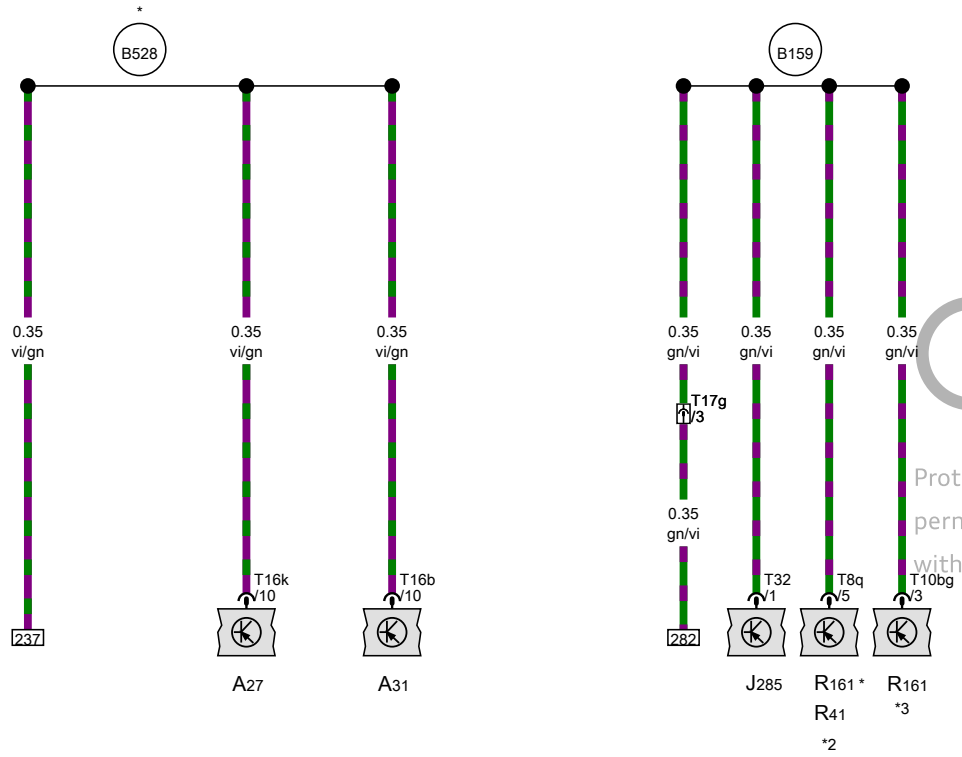
Connection 4 (LIN bus) in main wiring harness

E284	Garage door operating unit
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
J528	Roof electronics control unit
J844	Main beam assist control unit
T4v	4-pin connector
T6f	6-pin connector
T6g	6-pin connector
T8a	8-pin connector
T10ab	10-pin connector
T10b	10-pin connector
V1	Sliding sunroof motor
Y7	Automatic anti-dazzle interior mirror
B699	Connection 4 (LIN bus) in main wiring harness
*	Saloon
*2	Avant
*3	For models with garage door opener
*4	Anti-theft alarm system with interior monitoring
*5	For models with main beam assist
*6	Gradually discontinued

253 254 255 256 257 258 259 260 261 262 263 264 265 266

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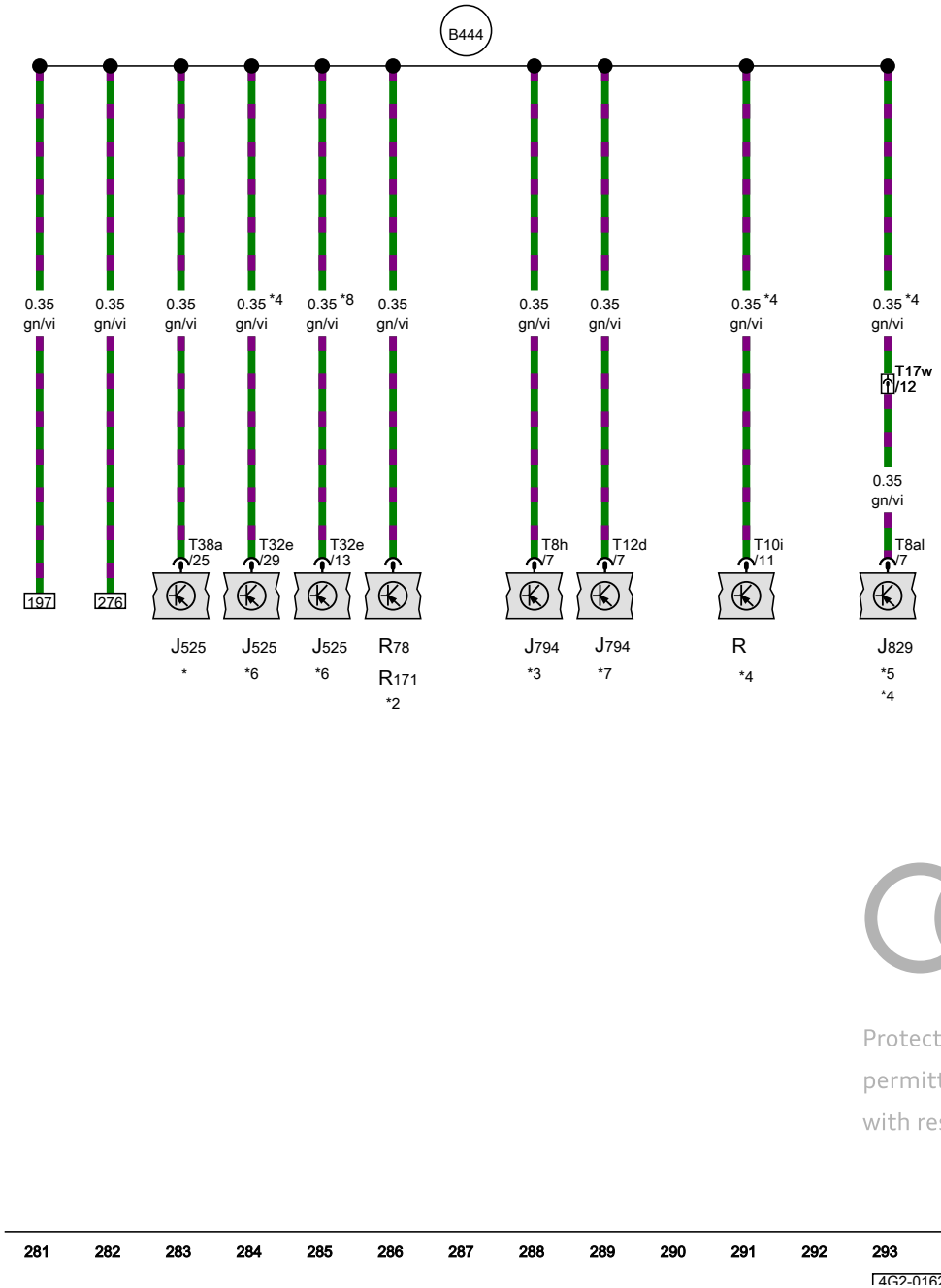


Connection (diagnosis), in interior wiring harness, Connection 1 (LIN bus) in main wiring harness

A27	Output module 1 for right LED headlight
A31	Output module 1 for left LED headlight
J285	Control unit in dash panel insert
R41	CD changer
R161	DVD changer
T8q	8-pin connector
T10bg	10-pin connector
T16b	16-pin connector
T16k	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Up to May 2014
*2	According to equipment
*3	From June 2014

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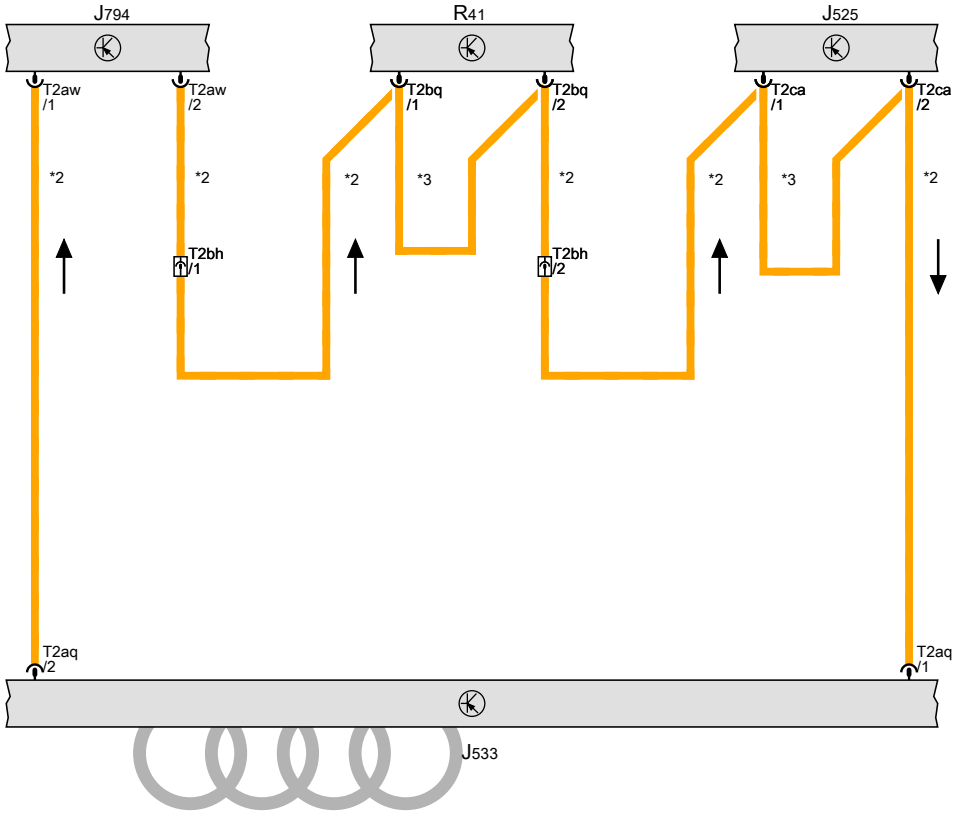


Connection 1 (diagnosis), in main wiring harness

J525	Digital sound package control unit
J794	Control unit 1 for information electronics
J829	Control unit 2 for information electronics
R	Radio
R78	TV tuner
R171	Digital TV tuner
T8al	8-pin connector
T8h	8-pin connector
T10i	10-pin connector
T12d	12-pin connector
T17w	17-pin connector, in coupling point for rear centre armrest
T32e	32-pin connector
T38a	38-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	For models with BOSE sound system
*2	According to equipment
*3	see applicable current flow diagram for MMI (information electronics)
*4	Up to May 2014
*5	For models with Rear Seat Entertainment (RSE)
*6	For models with Bang & Olufsen sound system
*7	For models with radio concert
*8	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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* RMC

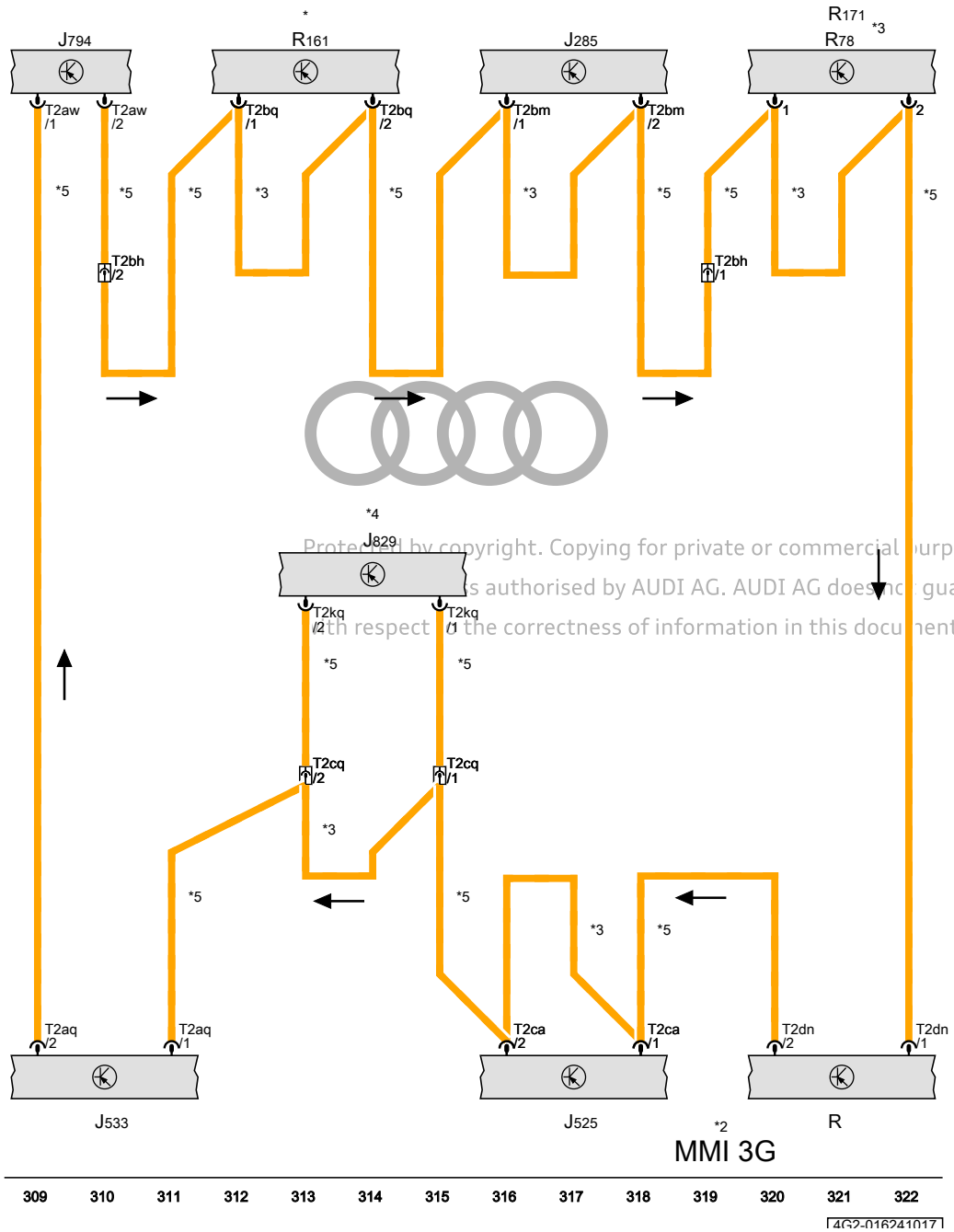
295 296 297 298 299 300 301 302 303 304 305 306 307 308

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Data bus diagnostic interface

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T2aq	2-pin connector
T2aw	2-pin connector
T2bh	2-pin connector, Relay carrier on left under dash panel
T2bq	2-pin connector
T2ca	2-pin connector
*	Up to September 2014
*2	Fibre optic cable (FOC)
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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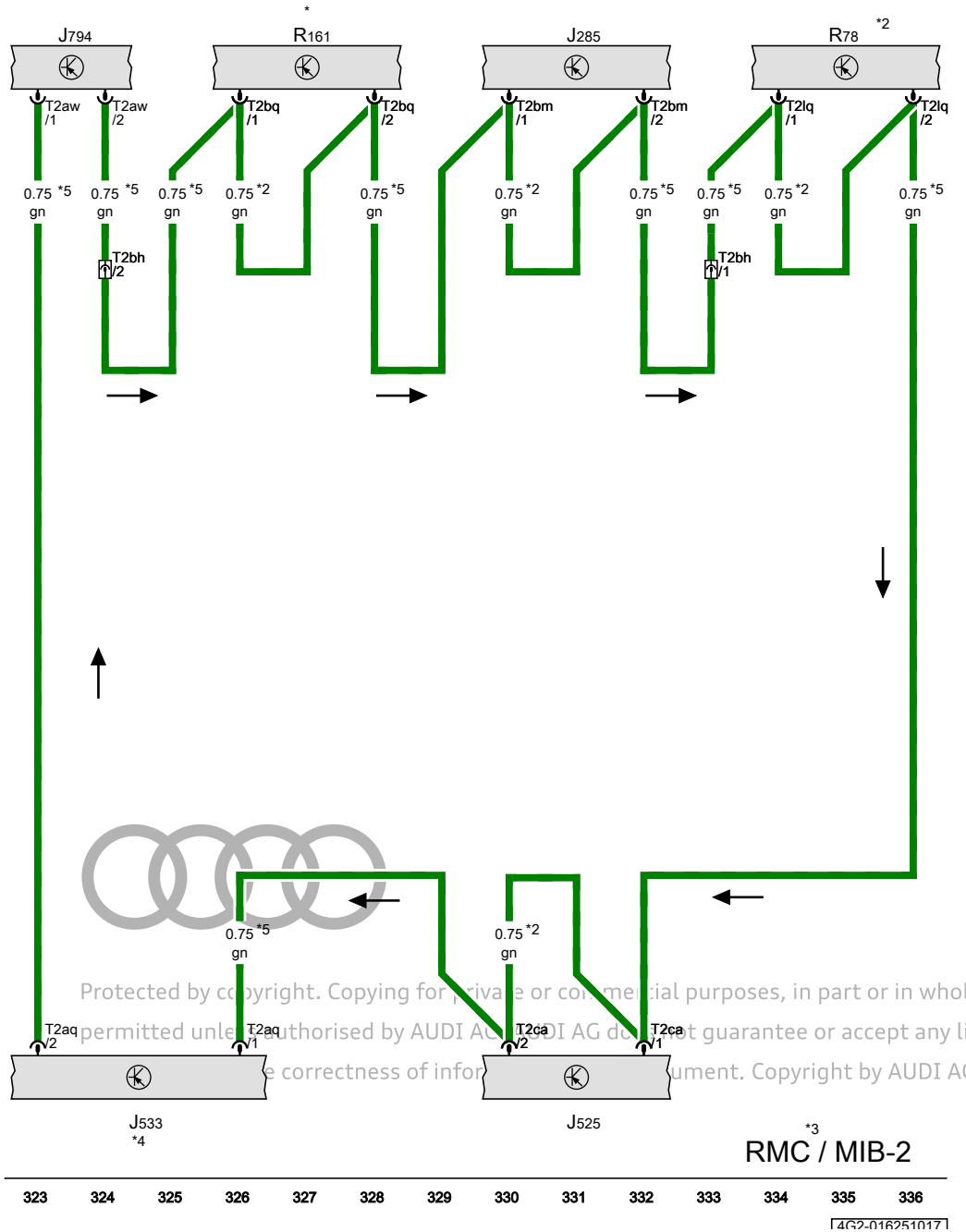


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Data bus diagnostic interface

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
J829	Control unit 2 for information electronics
R	Radio
R78	TV tuner
R161	DVD changer
R171	Digital TV tuner
T2aq	2-pin connector
T2aw	2-pin connector
T2bh	2-pin connector, Relay carrier on left under dash panel
T2bm	2-pin connector
T2bq	2-pin connector
T2ca	2-pin connector
T2cq	2-pin connector
T2dn	2-pin connector
T2kq	2-pin connector
*	For models with DVD player
*2	Up to September 2014
*3	According to equipment
*4	For models with Rear Seat Entertainment (RSE)
*5	Fibre optic cable (FOC)

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Data bus diagnostic interface

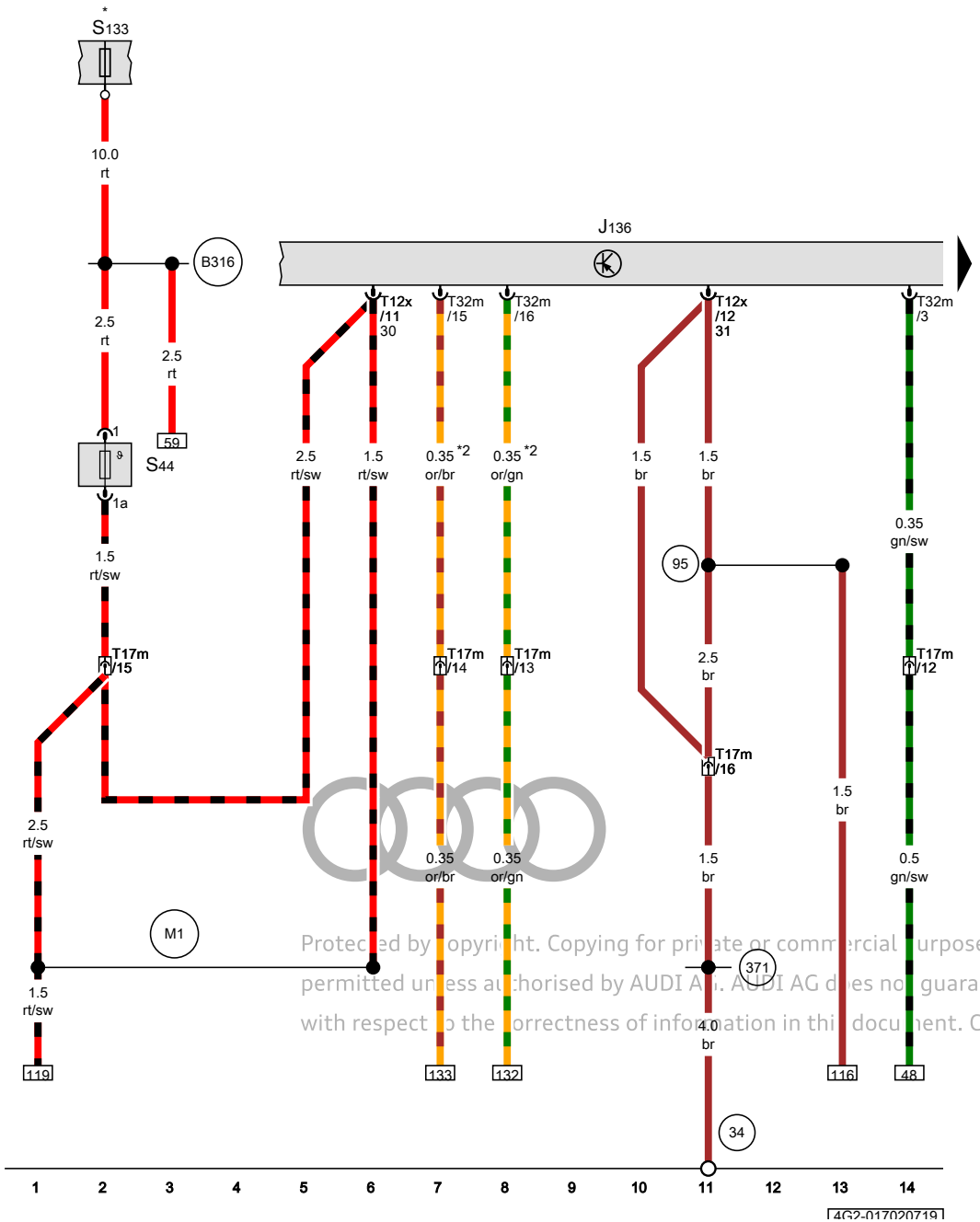
J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R78	TV tuner
R161	DVD changer
T2aq	2-pin connector
T2aw	2-pin connector
T2bh	2-pin connector, Relay carrier on left under dash panel
T2bm	2-pin connector
T2bq	2-pin connector
T2ca	2-pin connector
T2lq	2-pin connector
*	For models with DVD player
*2	According to equipment
*3	From September 2014
*4	For models with RMC radio system
*5	Fibre optic cable (FOC)

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Adjustable driver and front passenger seats , (Q1A),(Q1D),(Q4Q),(3PN),(4V1)

From January 2011

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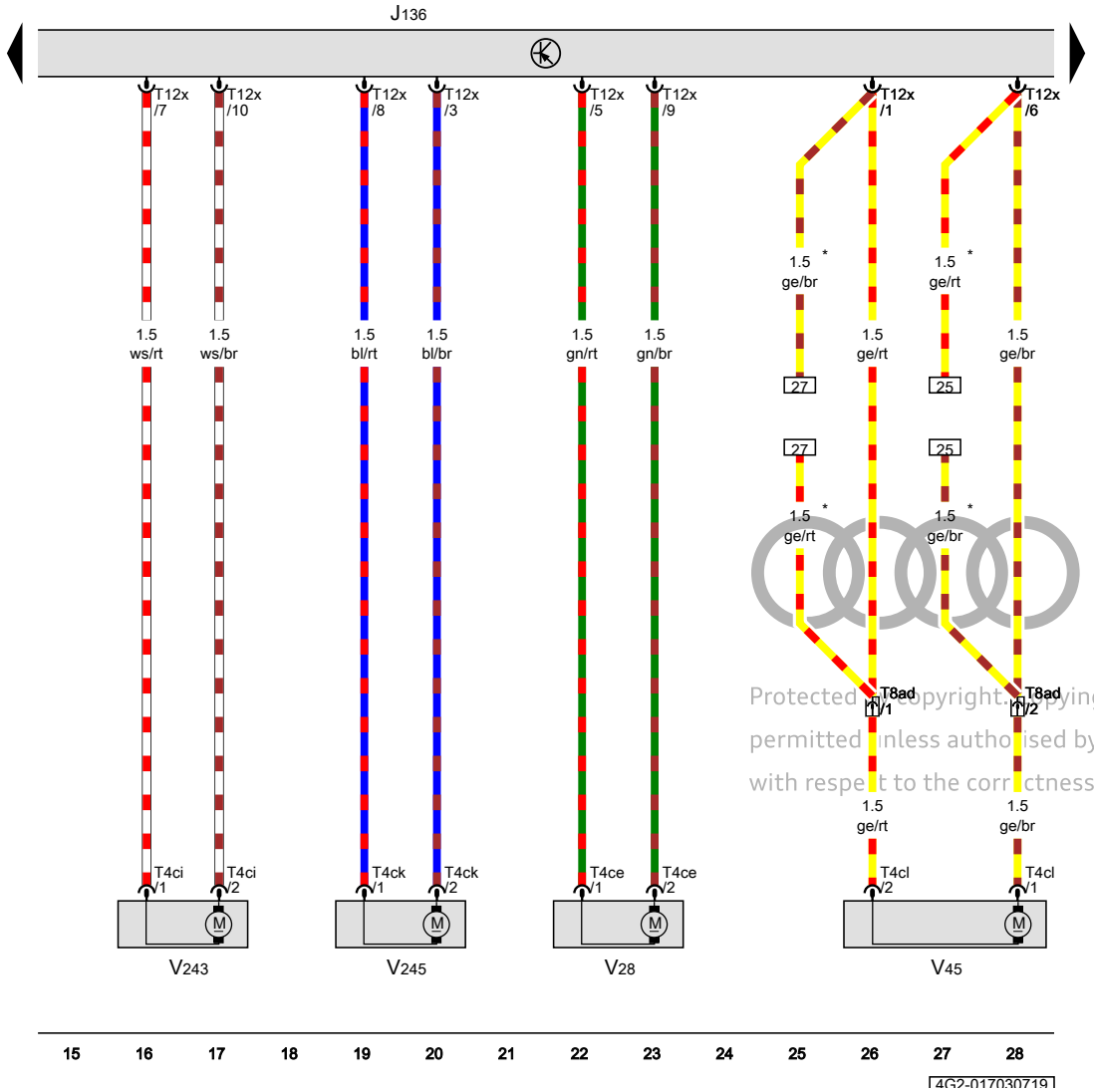
Seat and steering column adjustment control unit with memory, Driver seat adjustment thermal fuse 1

J136	Seat and steering column adjustment control unit with memory
S44	Driver seat adjustment thermal fuse 1, in left A-pillar coupling station
S133	Fuse 3
T12x	12-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T32m	32-pin connector
34	Earth point, under driver seat
95	Earth connection 1, in seat adjustment wiring harness
371	Earth connection 6, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Seat and steering column adjustment control unit with memory, Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor, Driver seat rake adjustment motor, Driver seat height adjustment motor

J136	Seat and steering column adjustment control unit with memory
T4ce	4-pin connector
T4ci	4-pin connector
T4ck	4-pin connector
T4cl	4-pin connector
T8ad	8-pin connector, in driver seat
T12x	12-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
*	gradual introduction

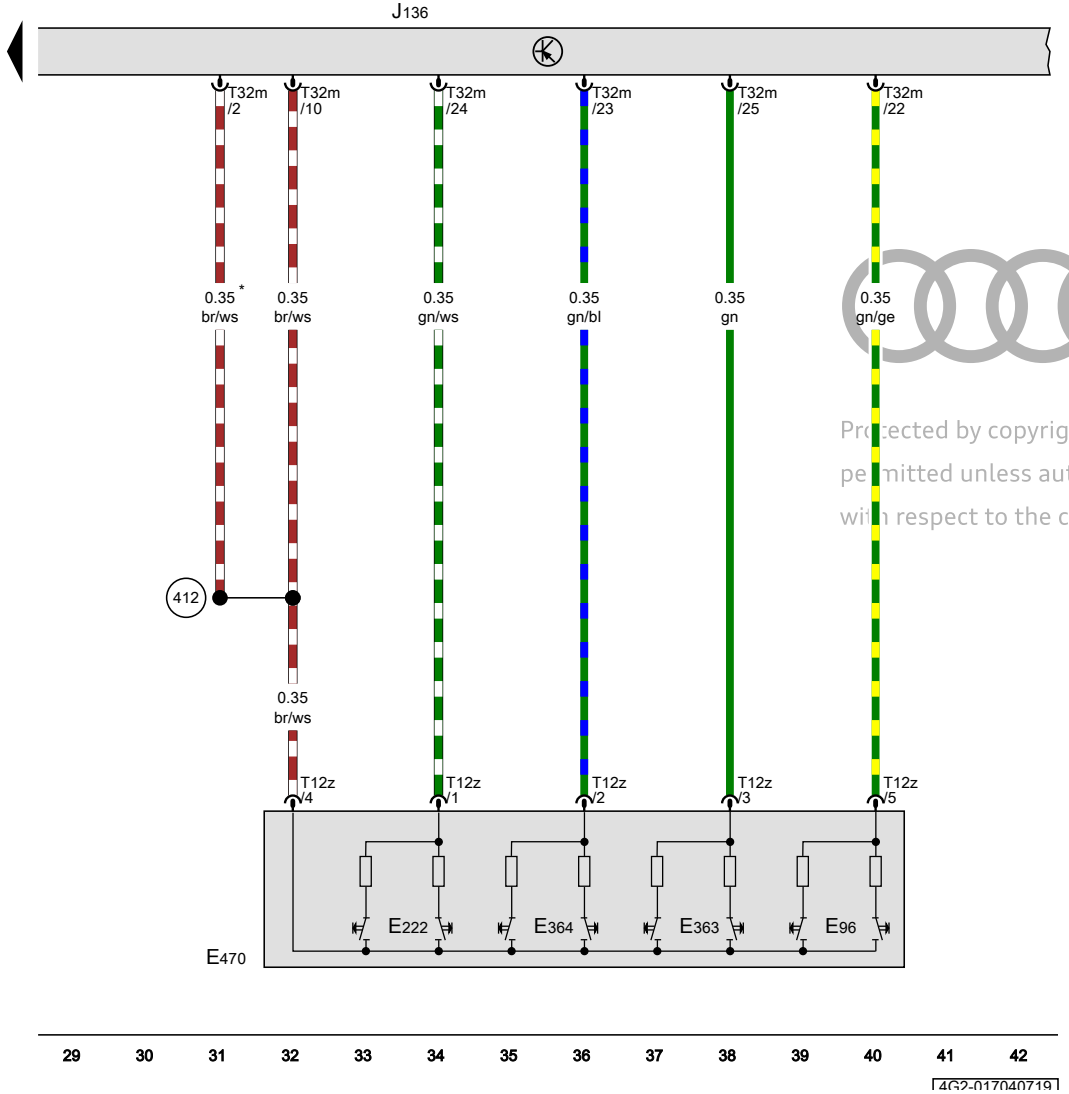


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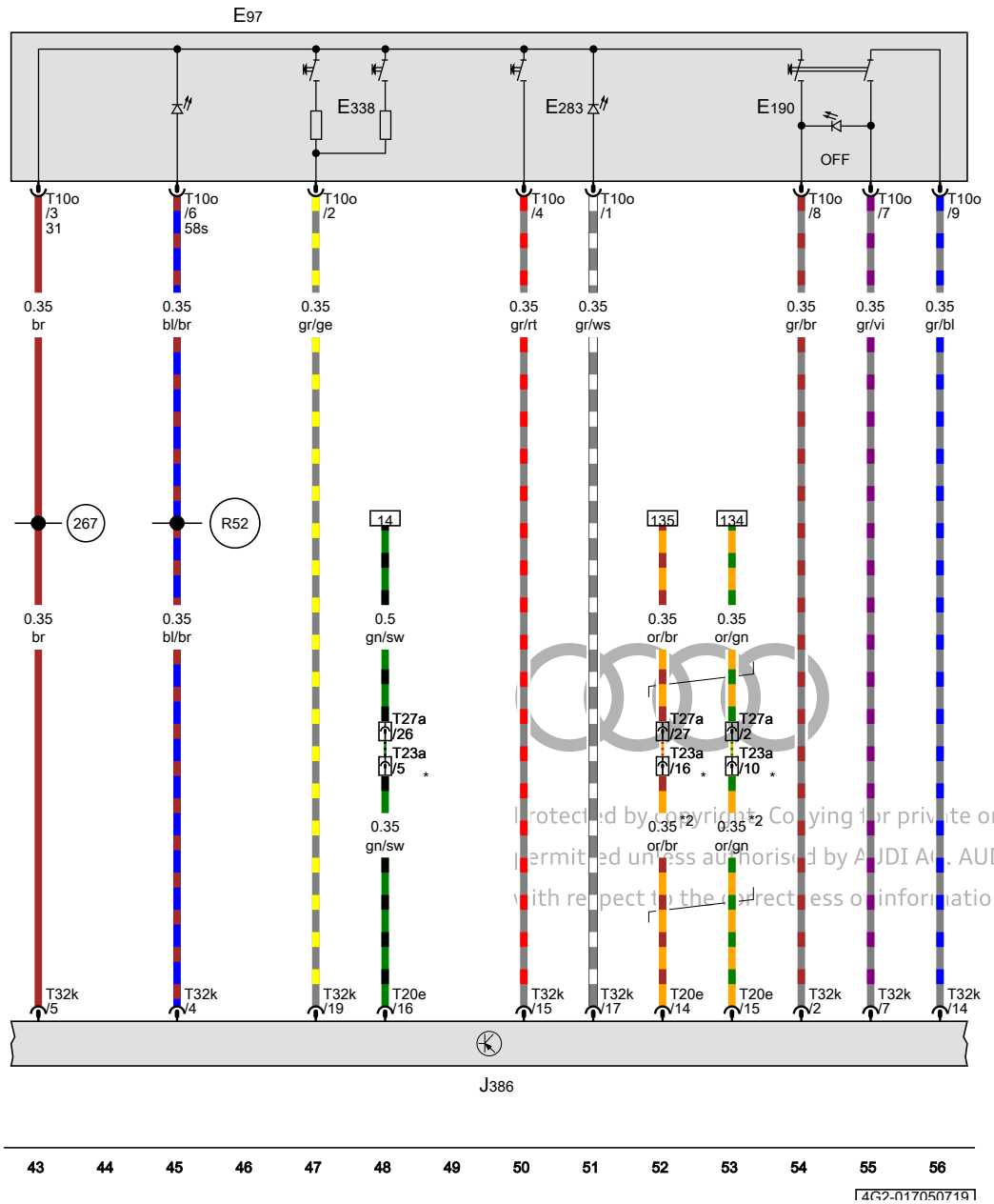
Driver seat adjustment operating unit, Seat and steering column adjustment control unit with memory

E96	Driver seat backrest adjustment switch
E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
E364	Driver seat height adjustment switch
E470	Driver seat adjustment operating unit
J136	Seat and steering column adjustment control unit with memory
T12z	12-pin connector
T32m	32-pin connector
412	Earth connection 3, in seat adjustment wiring harness
*	gradual introduction



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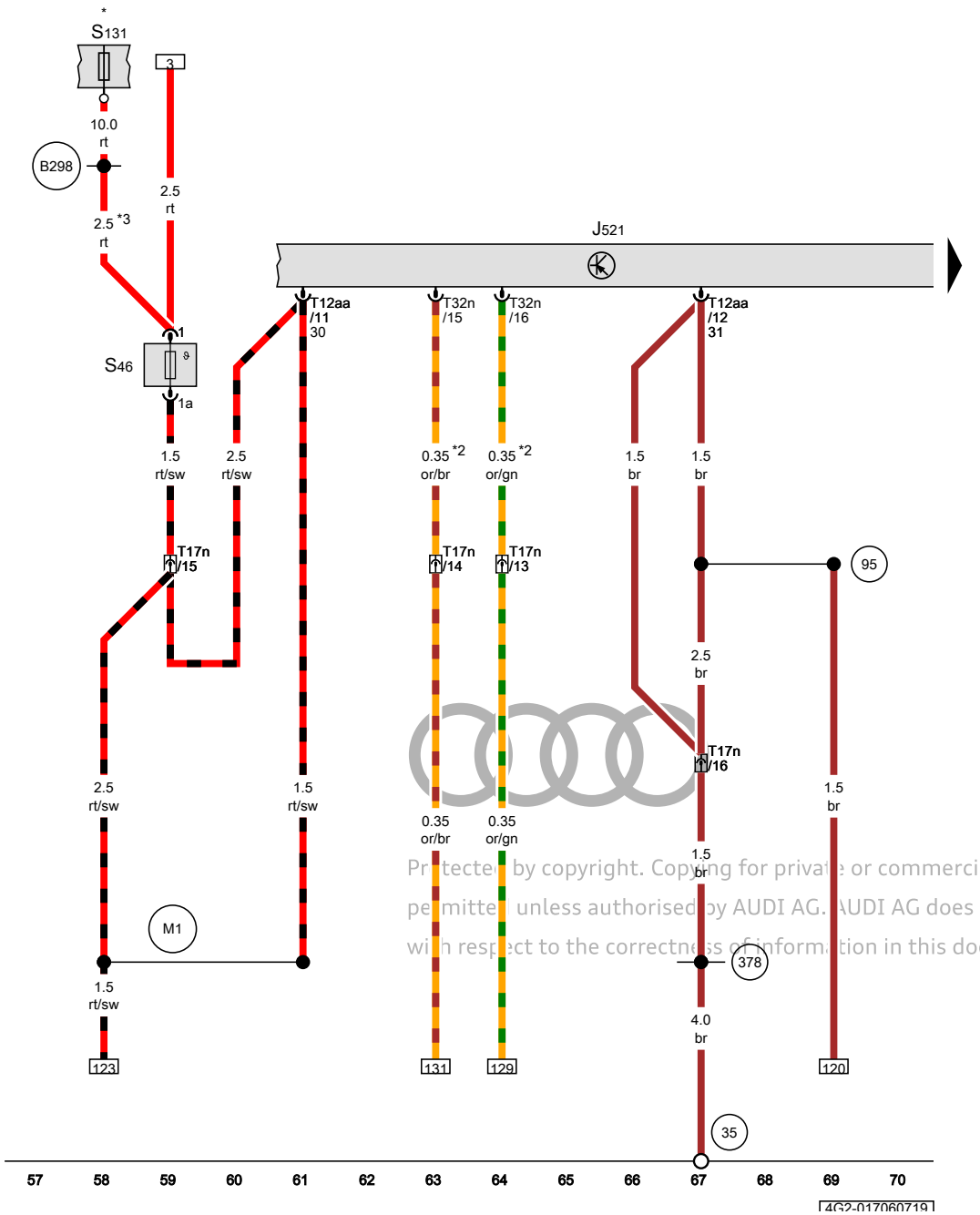


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Driver seat memory operating unit, Emergency-off button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E283	Driver seat memory function button
E338	Seat memory button for seat positions 1 and 2
J386	Driver door control unit
T10o	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, on left A-pillar
T27a	27-pin connector, on left A-pillar
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	From June 2011
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Front passenger seat adjustment with memory control unit, Front passenger seat adjustment thermal fuse 1

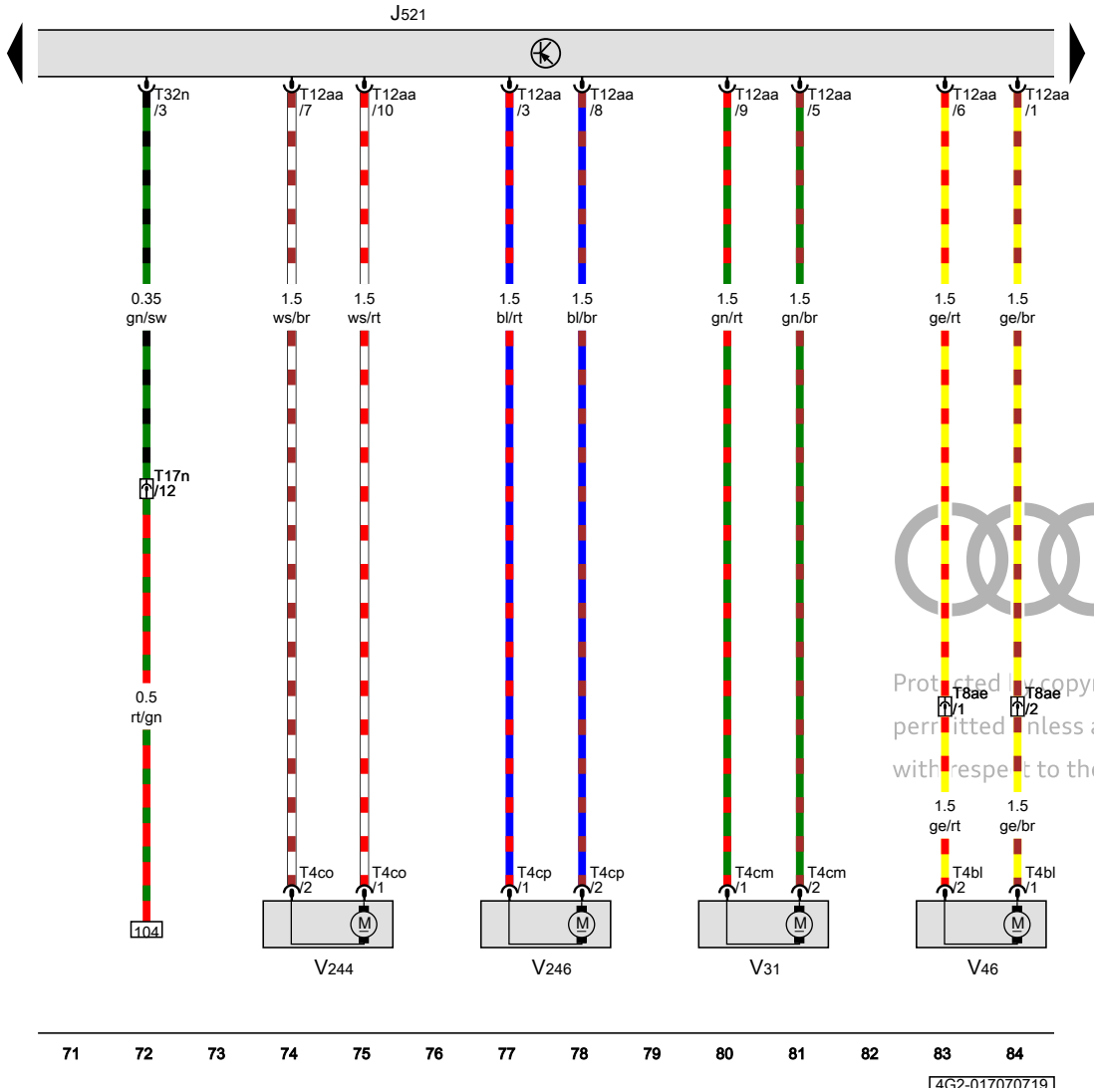
J521	Front passenger seat adjustment with memory control unit
S46	Front passenger seat adjustment thermal fuse 1, in left A-pillar coupling station
S131	Fuse 1
T12aa	12-pin connector
T17n	17-pin connector, in coupling point for front seat, right
T32n	32-pin connector
35	Earth point, under front passenger seat
95	Earth connection 1, in seat adjustment wiring harness
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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vi	=	purple
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Front passenger seat adjustment with memory control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat backrest adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

J521	Front passenger seat adjustment with memory control unit
T4bl	4-pin connector
T4cm	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T8ae	8-pin connector, in front passenger seat
T12aa	12-pin connector
T17n	17-pin connector, in coupling point for front seat, right
T32n	32-pin connector
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor

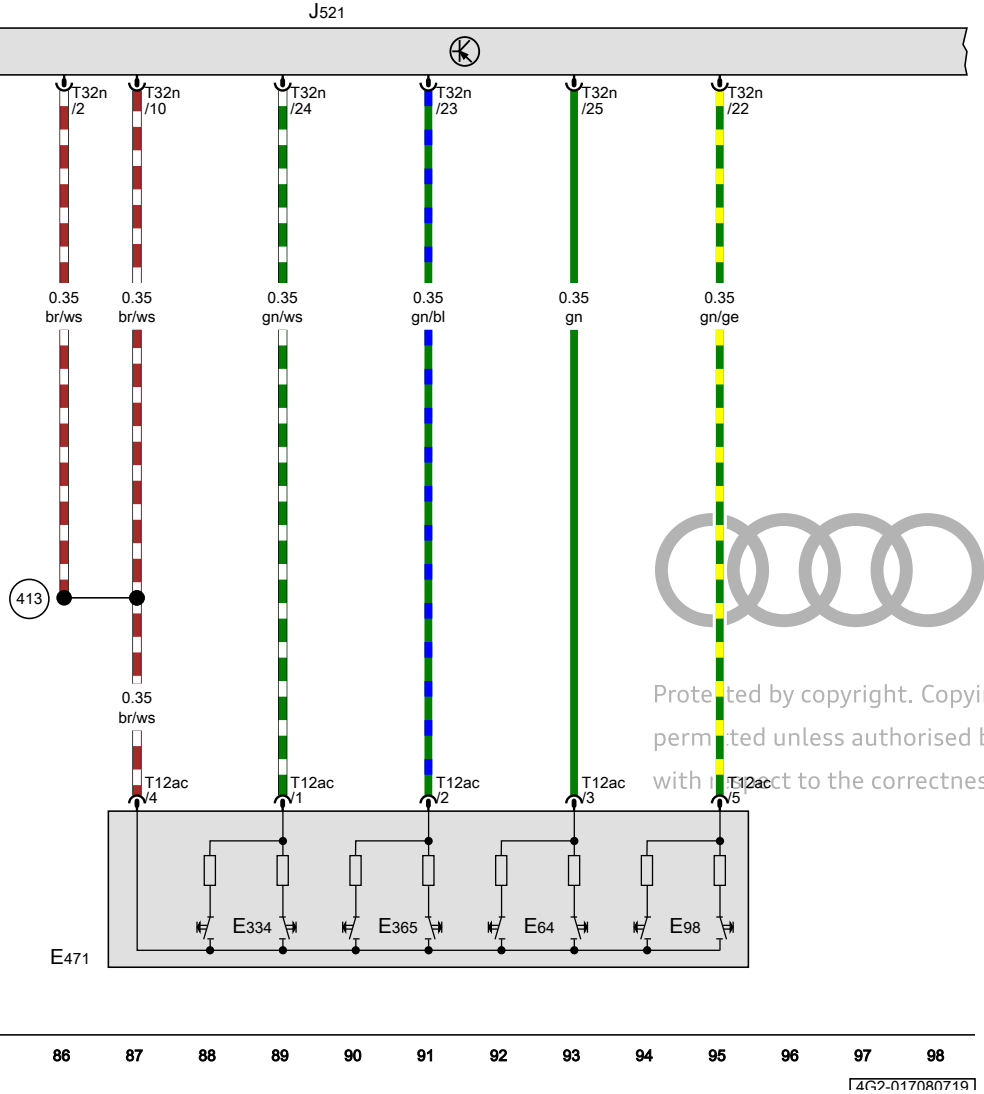


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or	=	orange
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Front passenger seat adjustment operating unit, Front passenger seat adjustment with memory control unit

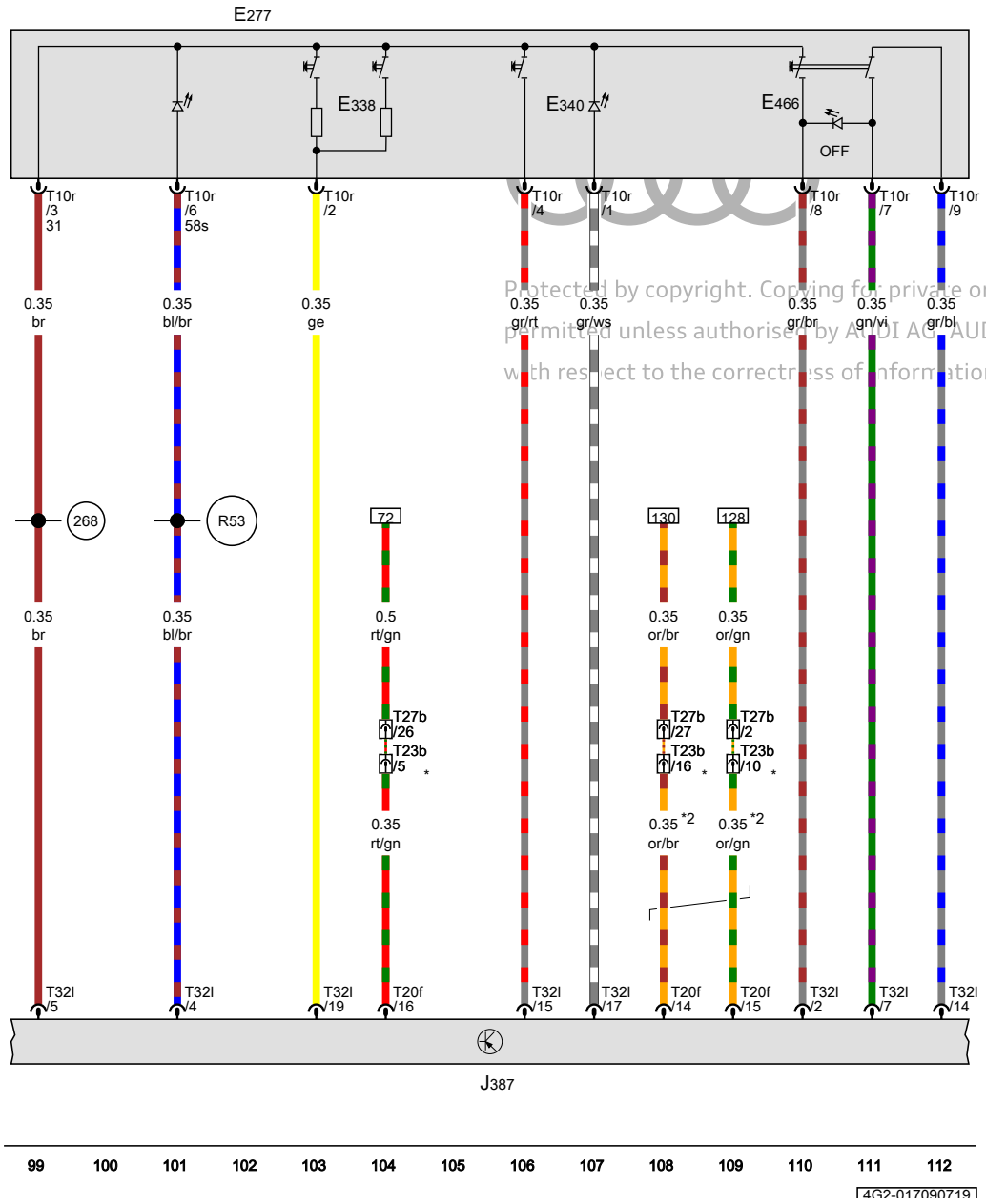
E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E471	Front passenger seat adjustment operating unit
J521	Front passenger seat adjustment with memory control unit
T12ac	12-pin connector
T32n	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness



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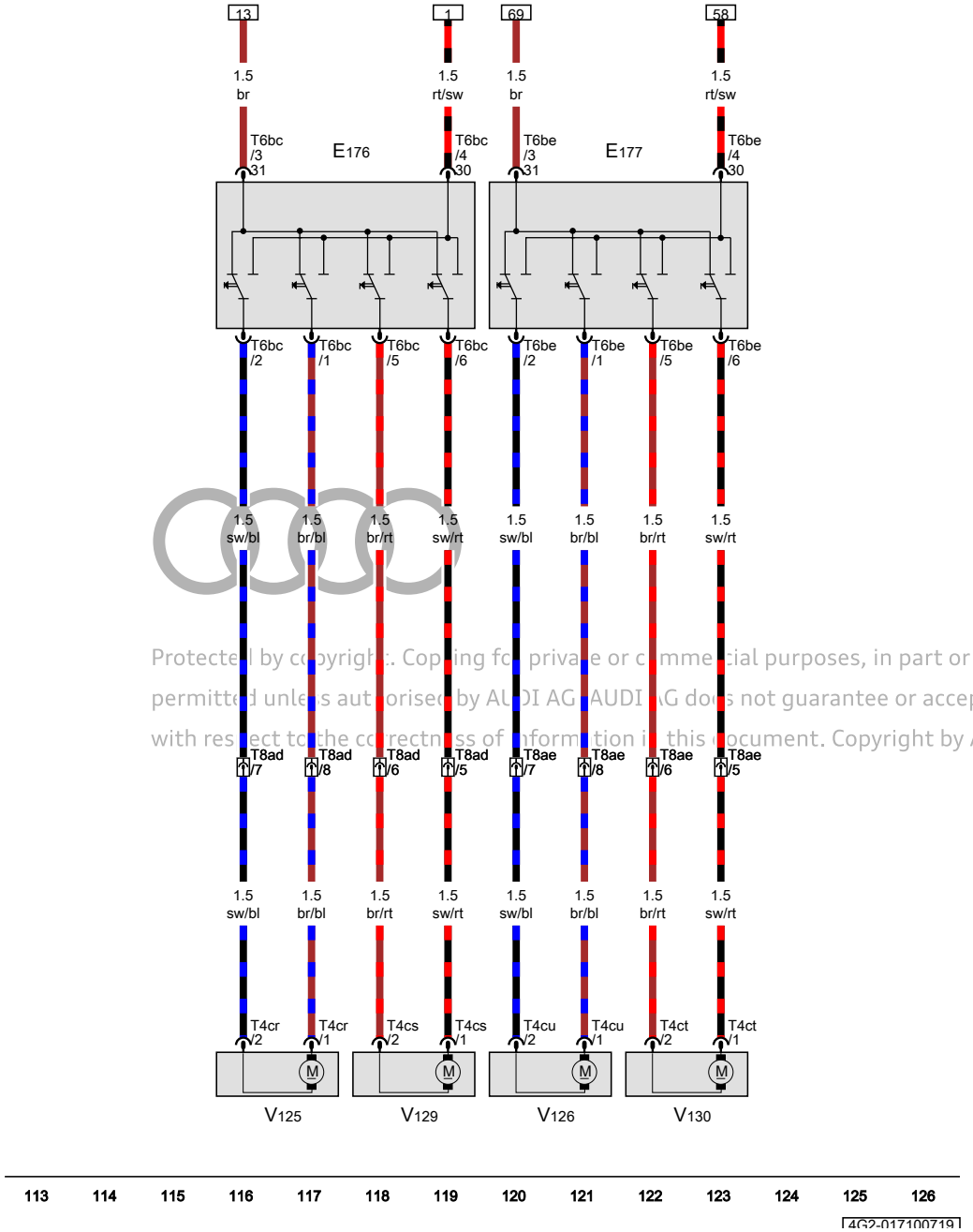
Front passenger seat memory operating unit, Front passenger side emergency off button, Front passenger door control unit



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E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T20f	20-pin connector
T23b	23-pin connector, on right A-pillar
T27b	27-pin connector, on right A-pillar
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	From June 2011
*2	Data bus wire (CAN bus)

ws	=	white
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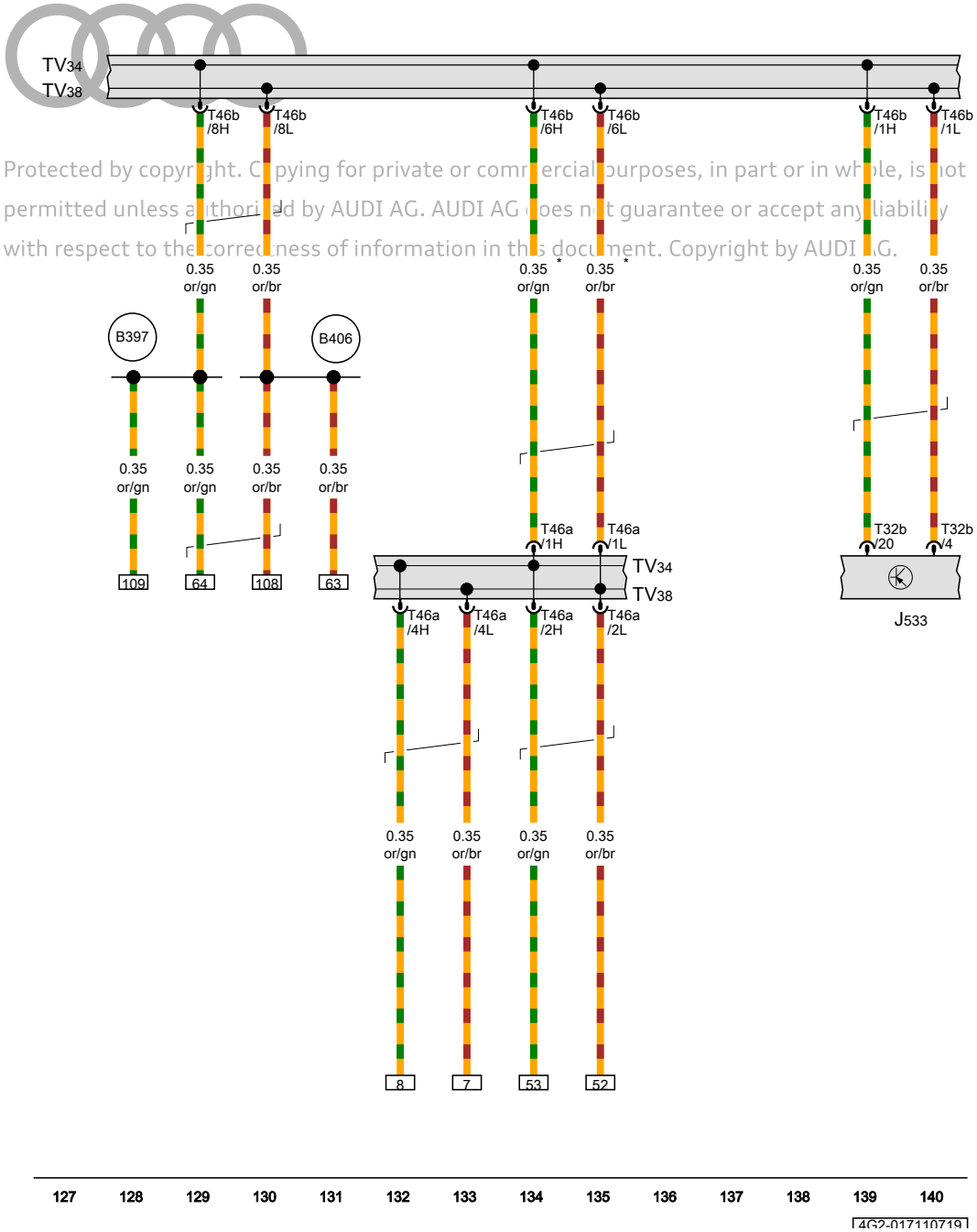
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Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
T4cr	4-pin connector
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T6bc	6-pin connector
T6be	6-pin connector
T8ad	8-pin connector, in driver seat
T8ae	8-pin connector, in front passenger seat
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, low

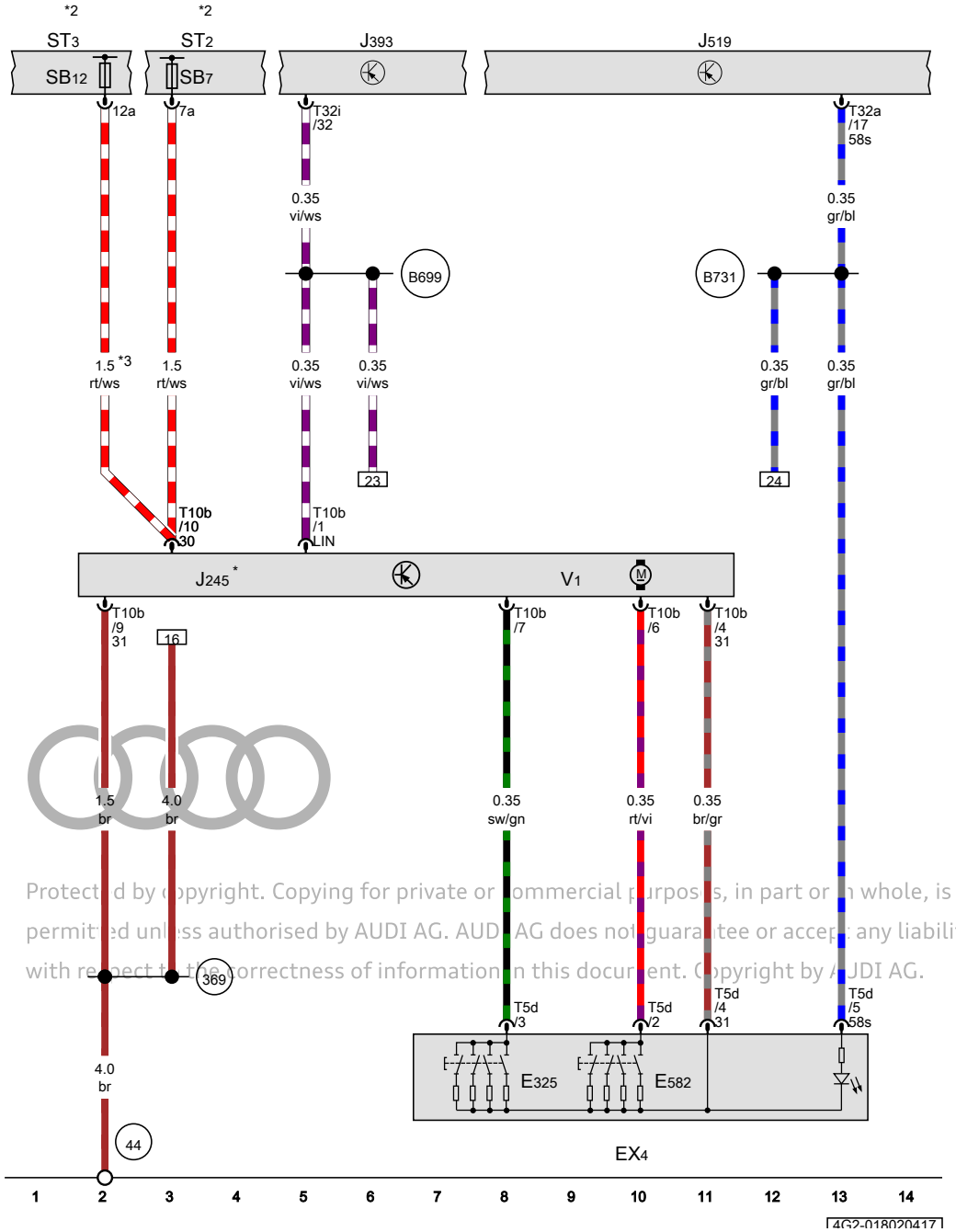
J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electric sliding sunroof , (3FD),(3FE)

From January 2011

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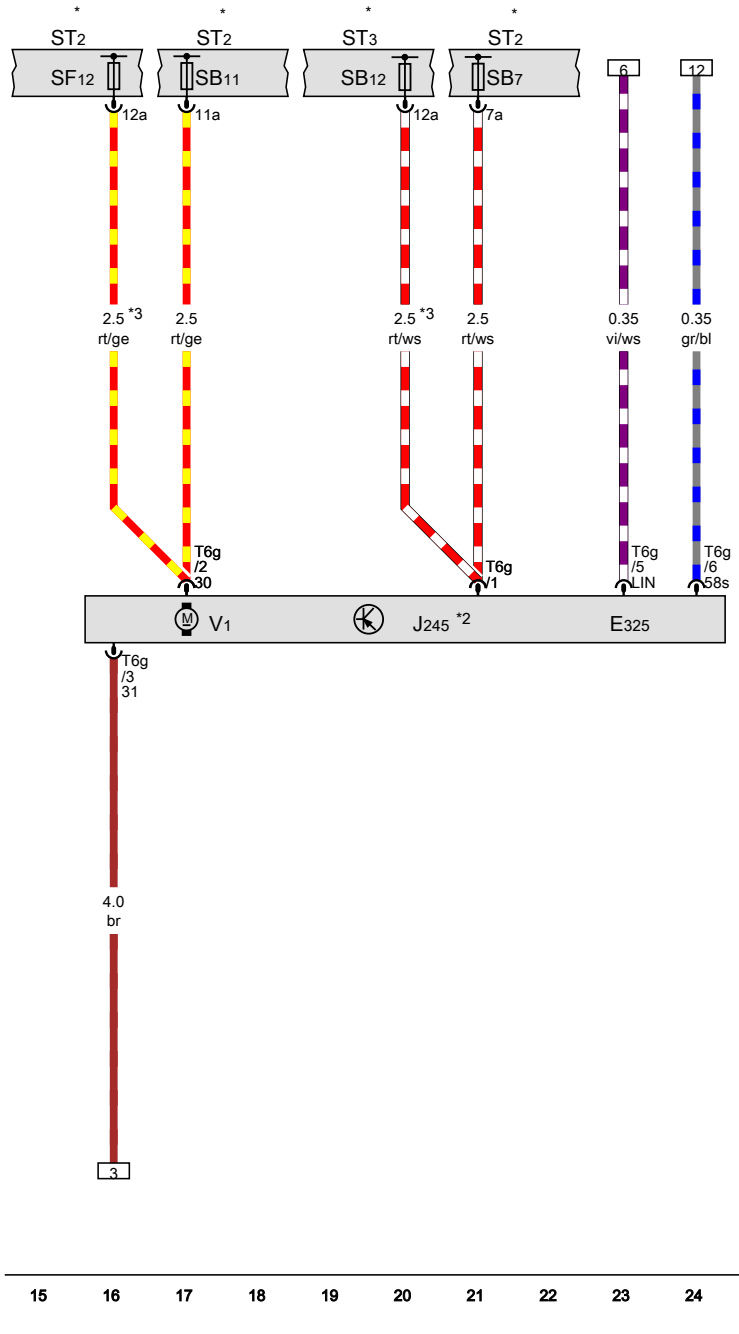


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Sliding sunroof adjustment, Sliding sunroof adjustment control unit, Sliding sunroof motor

EX4	Sliding sunroof adjustment
E325	Sunroof button
E582	Button 1 for tilting roof
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5d	5-pin connector
T10b	10-pin connector
T32a	32-pin connector
T32i	32-pin connector
V1	Sliding sunroof motor
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	Saloon
*2	see applicable current flow diagram for fuse assignment
*3	From June 2014



Sunroof button, Sliding sunroof adjustment control unit, Sliding sunroof motor

E325	Sunroof button
J245	Sliding sunroof adjustment control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SF12	Fuse 12 in fuse holder F
T6g	6-pin connector
V1	Sliding sunroof motor
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	From June 2014

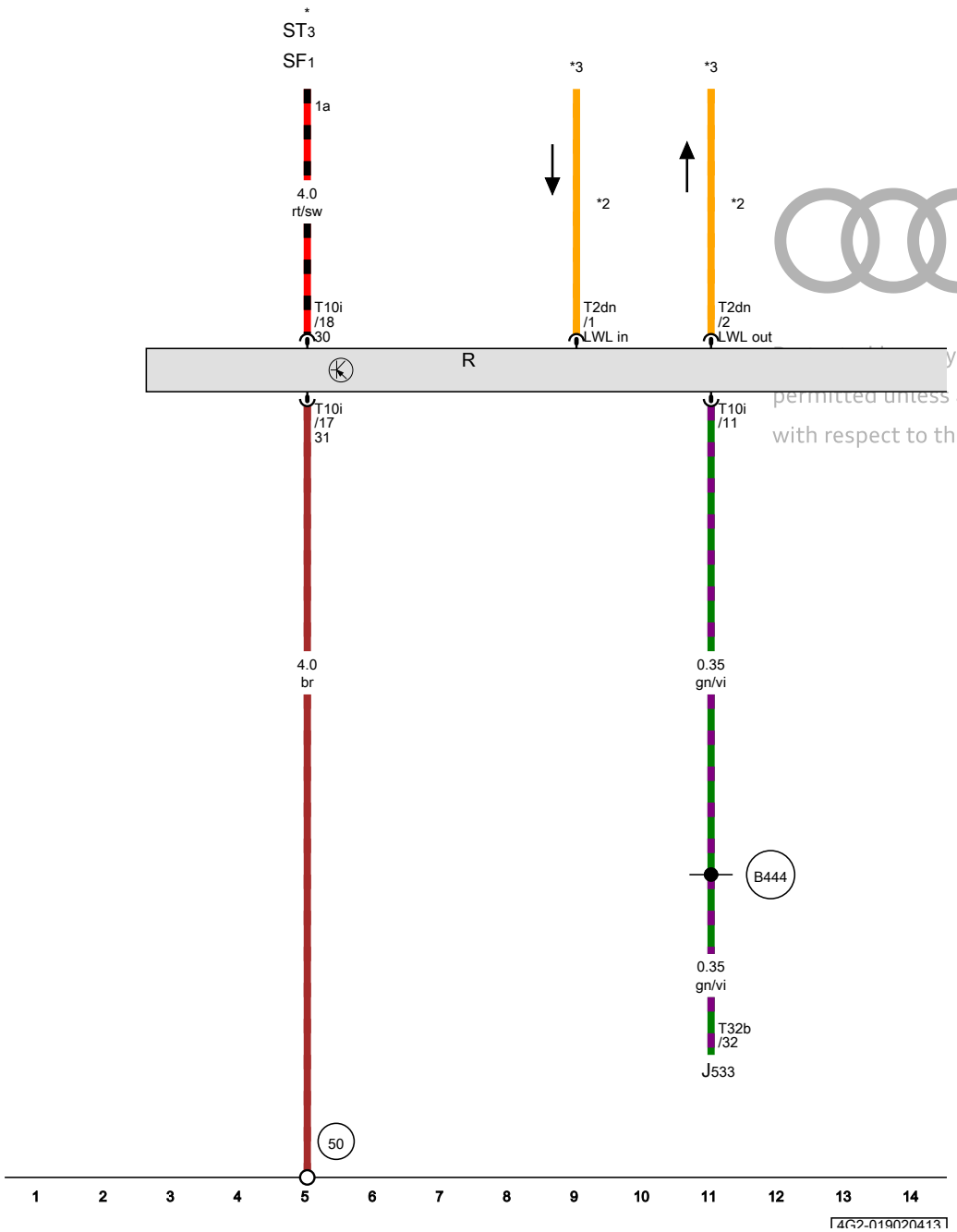
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MMI with radio and Standard sound system

From January 2011

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Radio

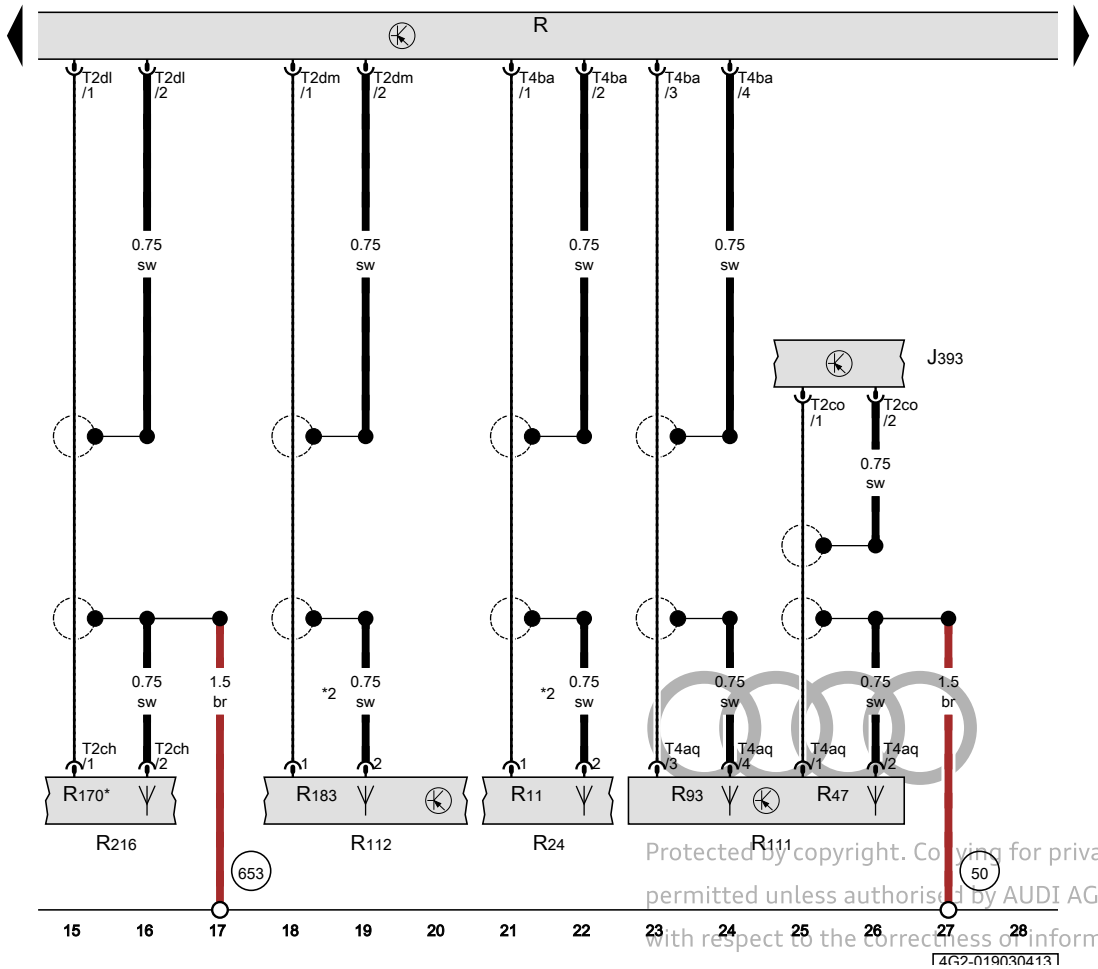
J533	Data bus diagnostic interface
R	Radio
SF1	Fuse 1 in fuse holder F
ST3	Fuse carrier 3
T2dn	2-pin connector
T10i	10-pin connector
T32b	32-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for data bus network

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ge	=	yellow
or	=	orange
rs	=	pink

Radio, Aerial amplifier 2

J393	Convenience system central control unit
R	Radio
R11	Aerial
R24	Aerial amplifier
R47	Central locking and anti-theft alarm system aerial
R93	Radio aerial 2
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2ch	2-pin connector
T2co	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T4aq	4-pin connector
T4ba	4-pin connector
50	Earth point, on left in luggage compartment
653	Earth point, on left D-pillar
*	Only for American markets
*2	Only models with no TV receiver

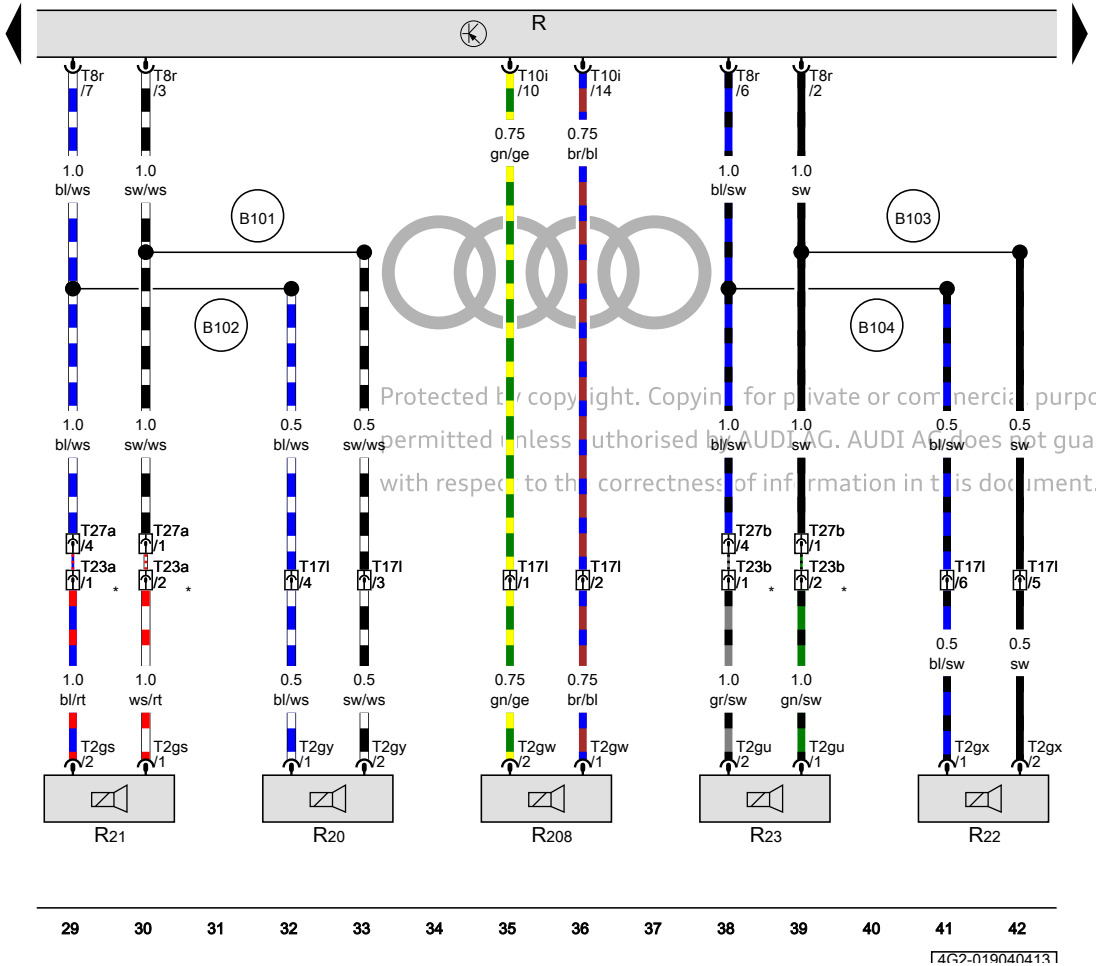


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Radio, Front left treble loudspeaker, Front left bass loudspeaker, Centre loudspeaker

R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R208	Centre loudspeaker
T2gs	2-pin connector
T2gu	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T8r	8-pin connector
T10i	10-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	From June 2011

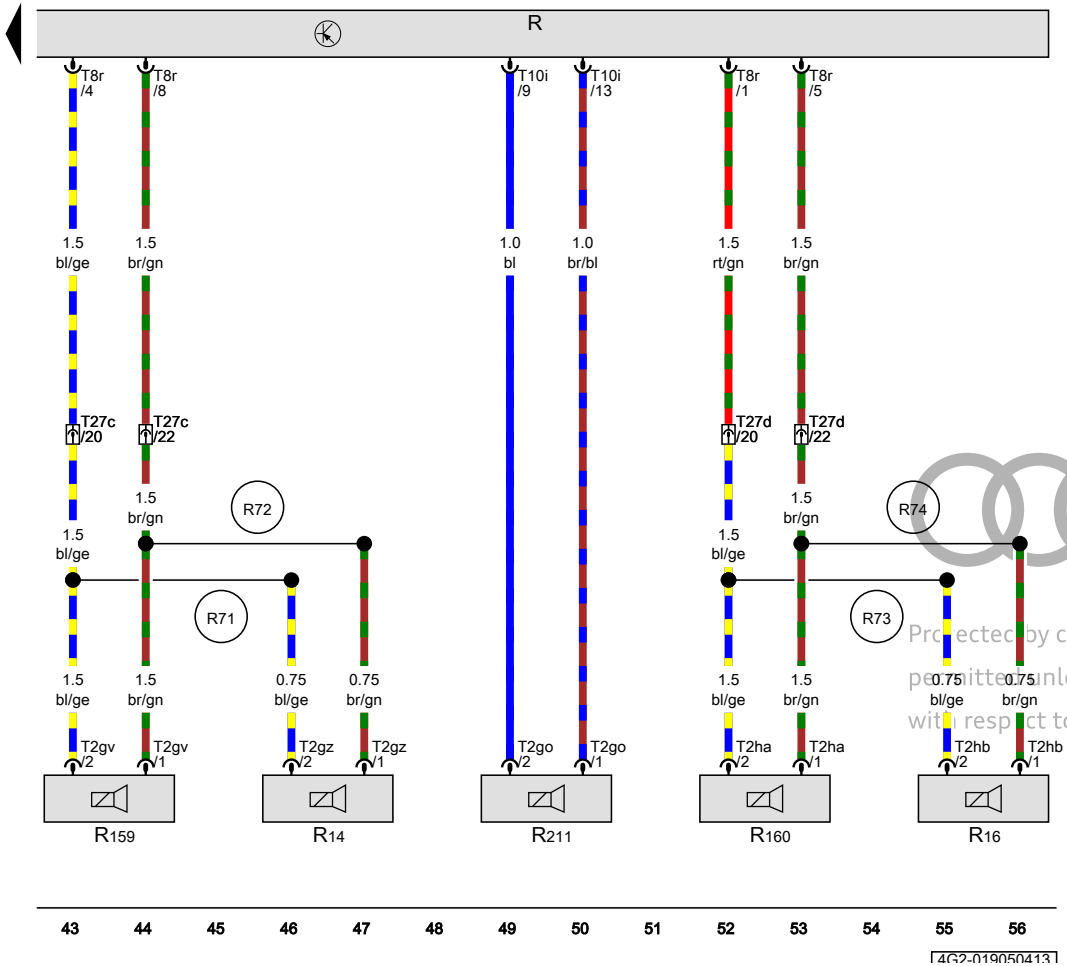


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Radio, Rear left treble loudspeaker, Rear left mid-range and bass loudspeaker, Subwoofer

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T8r	8-pin connector
T10i	10-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness



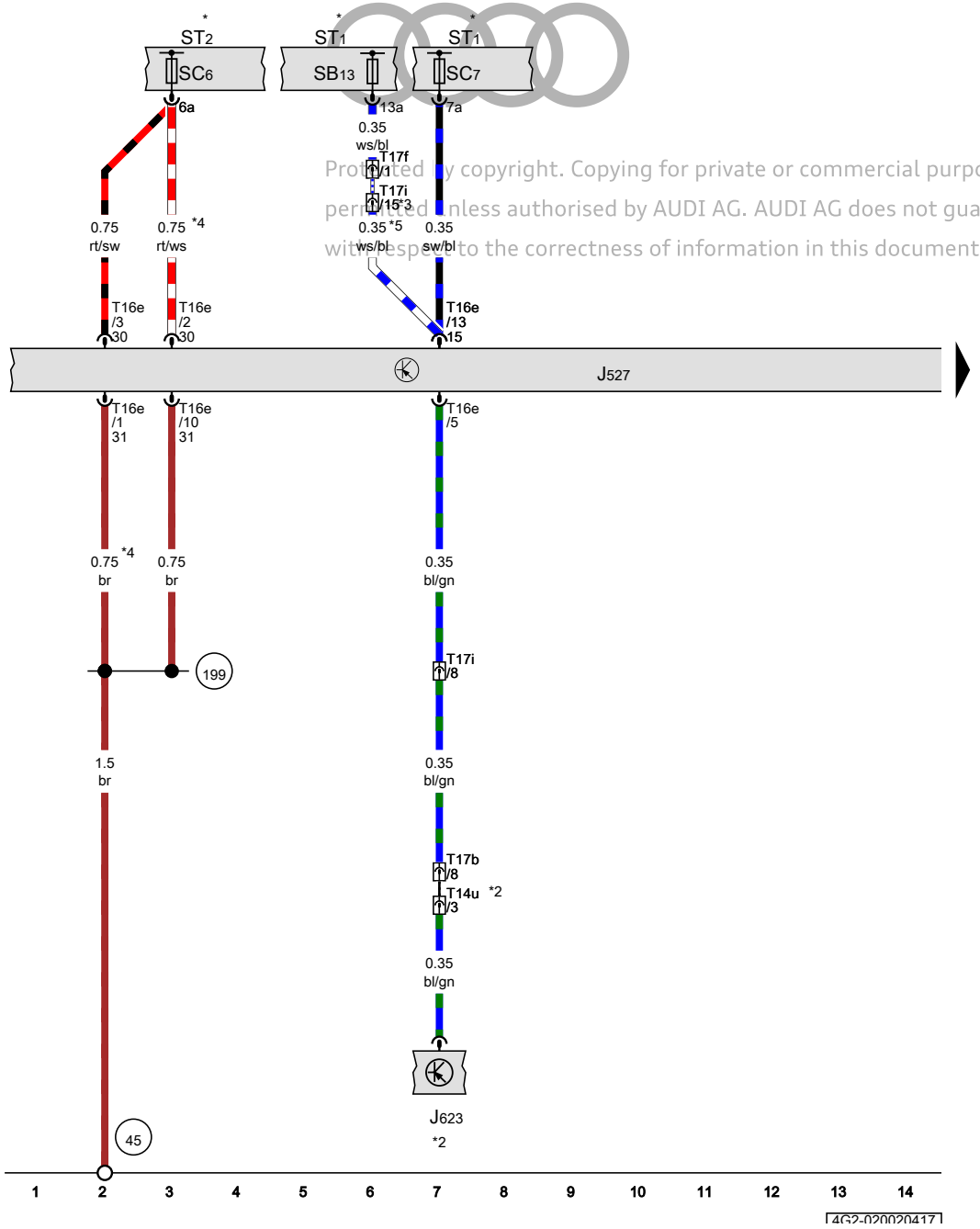
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Multifunction steering wheel , (1XT),(1XX),(1XW),(2PF),(2PK),(2ZM),(2ZQ),(2ZS)

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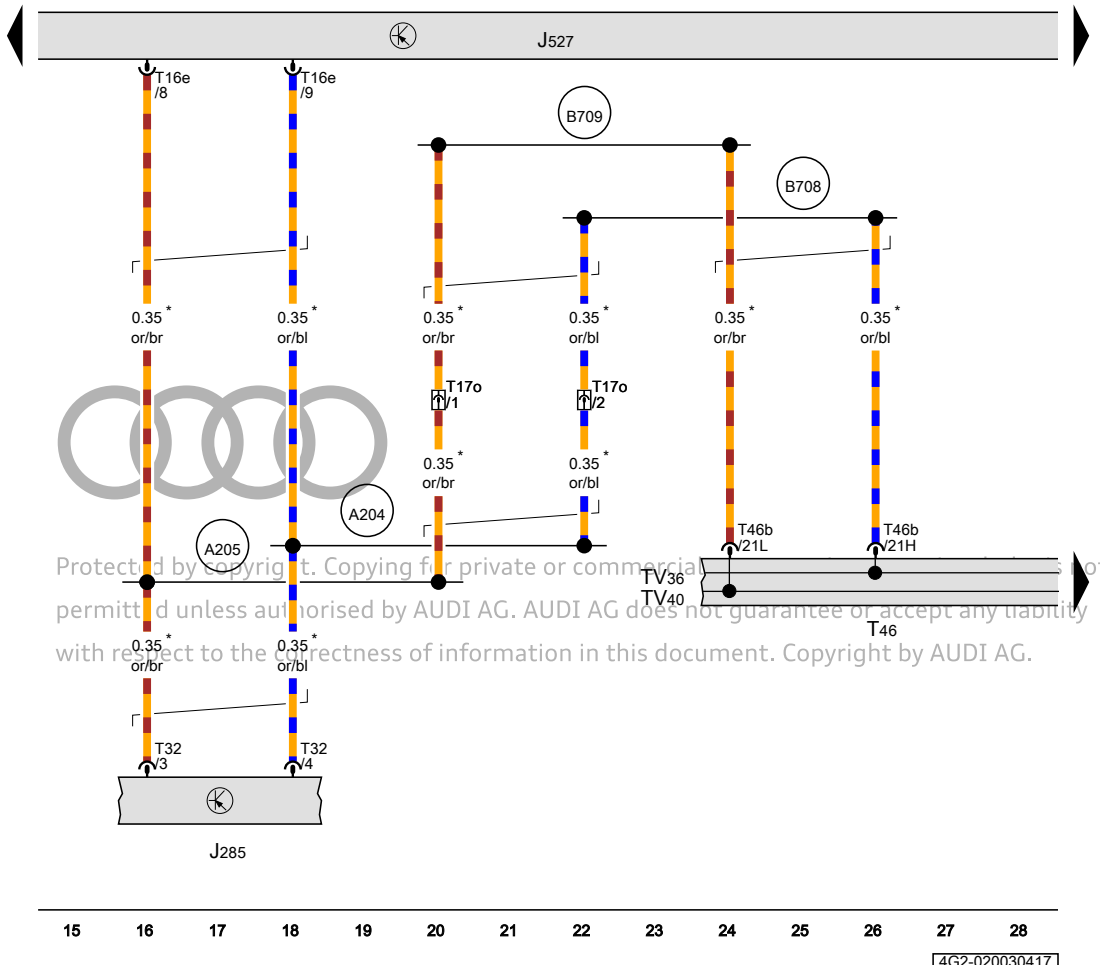
Steering column electronics control unit

J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SB13	Fuse 13 on fuse holder B
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in left A-pillar coupling station, white
T17i	17-pin connector, in left A-pillar coupling station
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	From May 2016
*4	For models with heated steering wheel
*5	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Steering column electronics control unit, Wiring junction for dash panel insert CAN bus, high

J285	Control unit in dash panel insert
J527	Steering column electronics control unit
T16e	16-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
T46	46-pin connector
T46b	46-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Data bus wire (CAN bus)

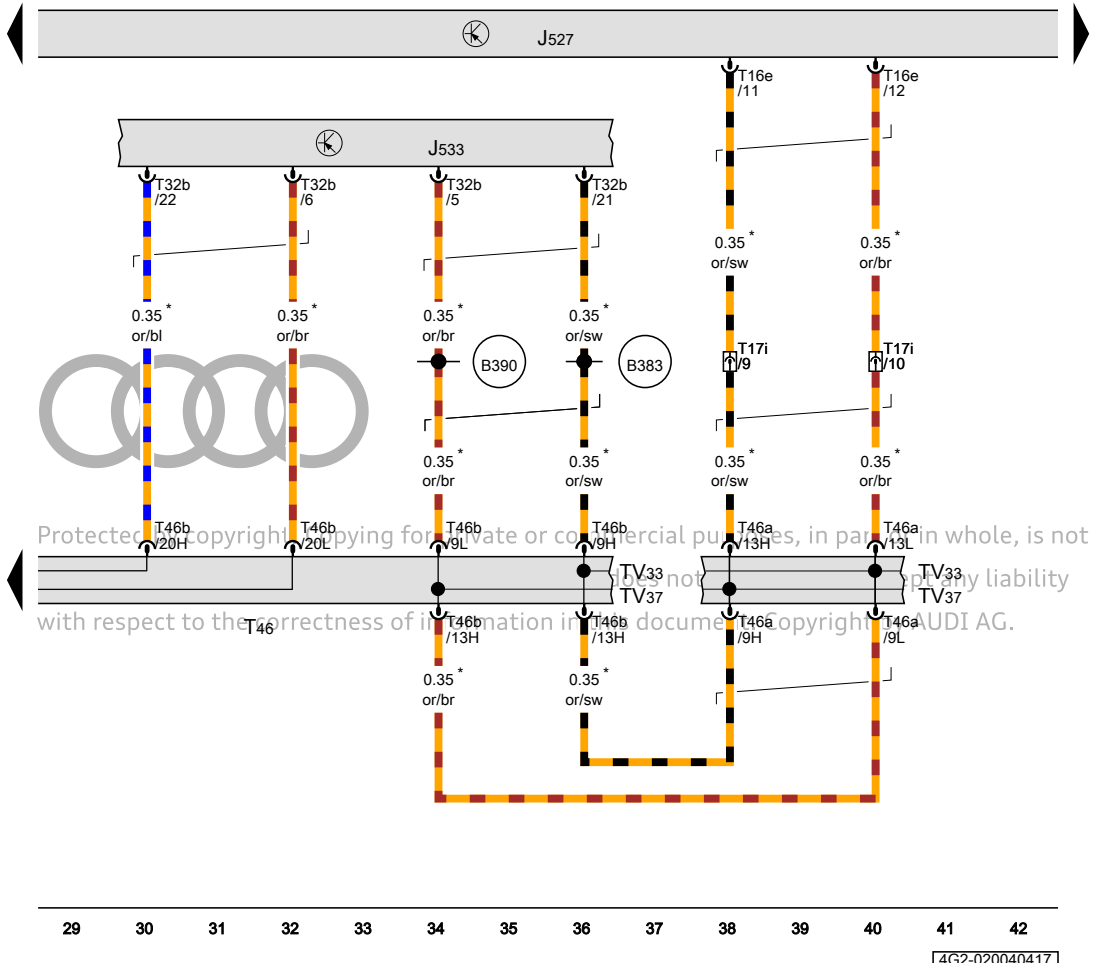


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rs	=	pink

Steering column electronics control unit, Wiring junction for powertrain CAN bus, high

J527	Steering column electronics control unit
J533	Data bus diagnostic interface
T16e	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32b	32-pin connector
T46	46-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

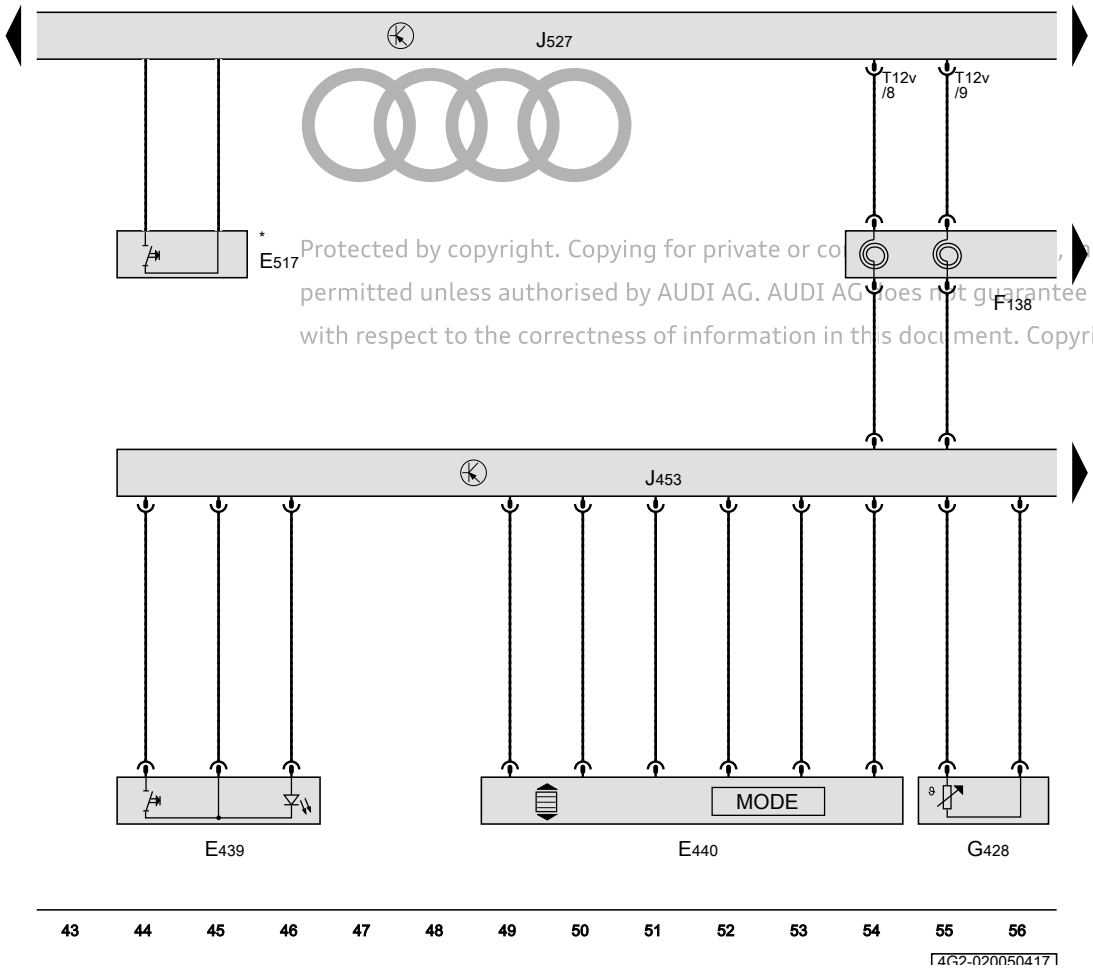


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Tiptronic switch in steering wheel to shift down, Lane departure warning button, Steering column electronics control unit

E439	Tiptronic switch in steering wheel to shift down
E440	Multifunction buttons on left in steering wheel
E517	Lane departure warning button
F138	Airbag coil connector and return ring with slip ring
G428	Heated steering wheel sender
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
T12v	12-pin connector
*	Only models with lane departure warning assist

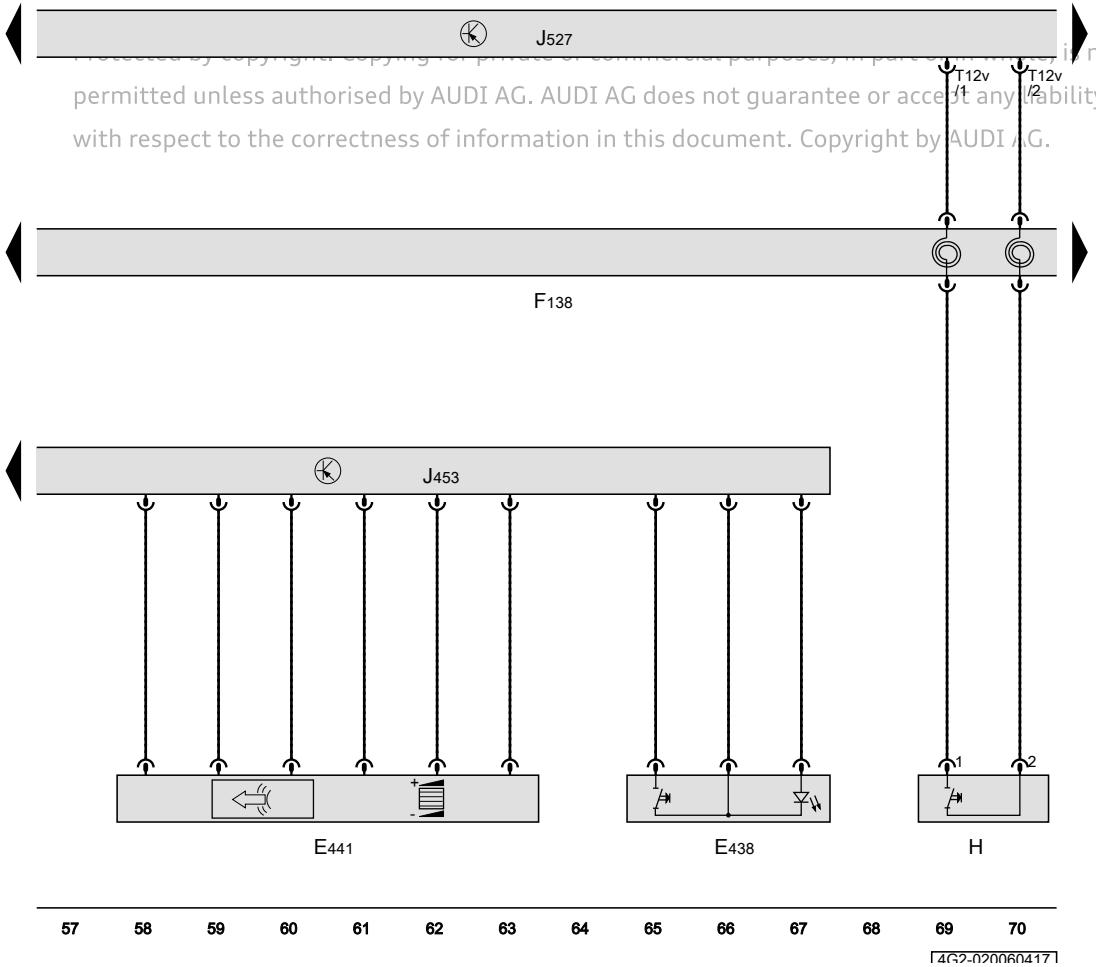


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Tiptronic switch in steering wheel to shift up, Multifunction buttons on right in steering wheel, Horn plate, Steering column electronics control unit

E438	Tiptronic switch in steering wheel to shift up
E441	Multifunction buttons on right in steering wheel
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
T12v	12-pin connector

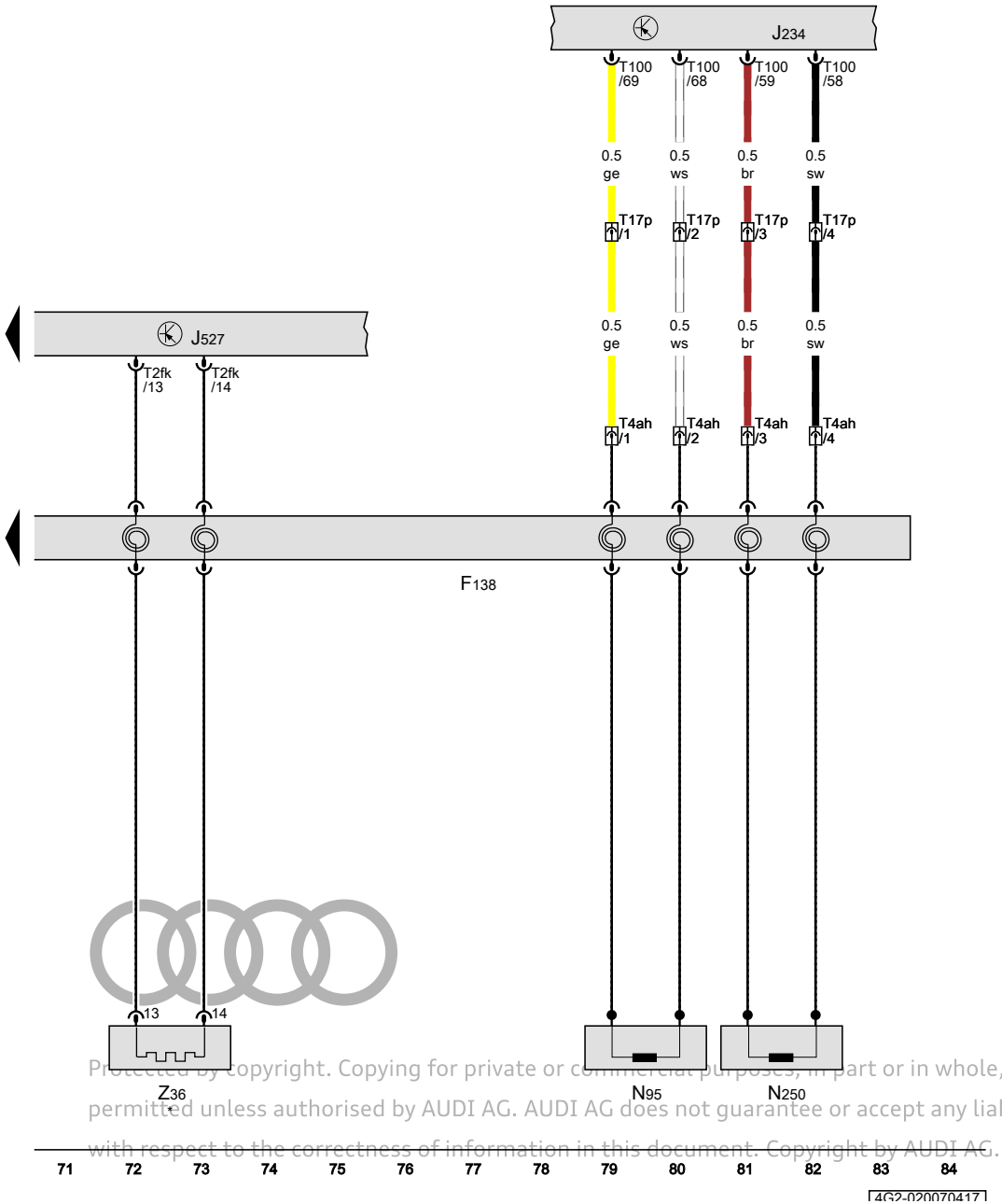


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or	=	orange
rs	=	pink

Steering column electronics control unit, Driver side airbag igniter, Driver side airbag igniter 2, Heated steering wheel

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N250	Driver side airbag igniter 2
T2fk	2-pin connector
T4ah	4-pin connector, on steering wheel
T17p	17-pin connector, in right A-pillar coupling station
T100	100-pin connector
Z36	Heated steering wheel
*	For models with heated steering wheel



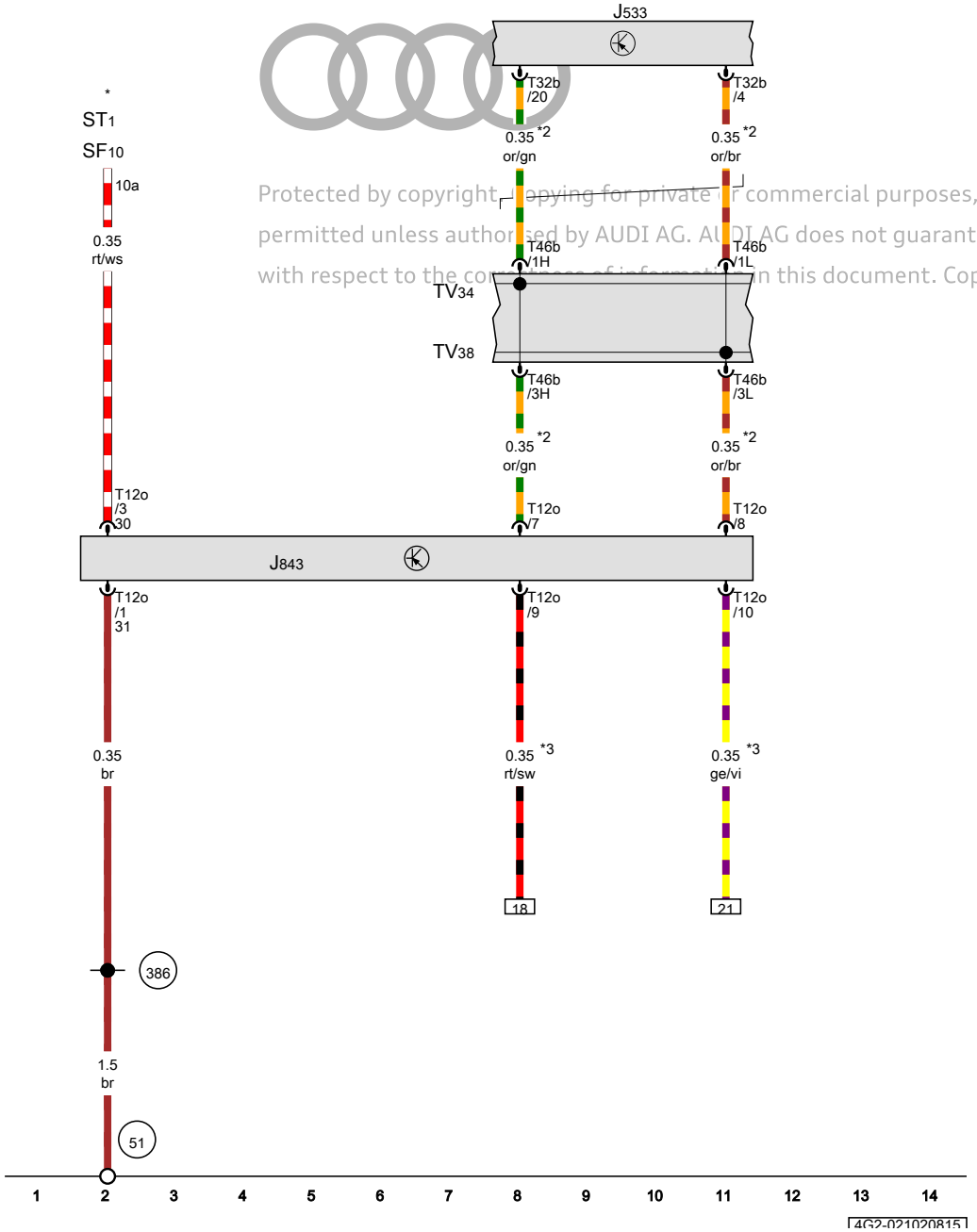
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Interface for special functions

From January 2011

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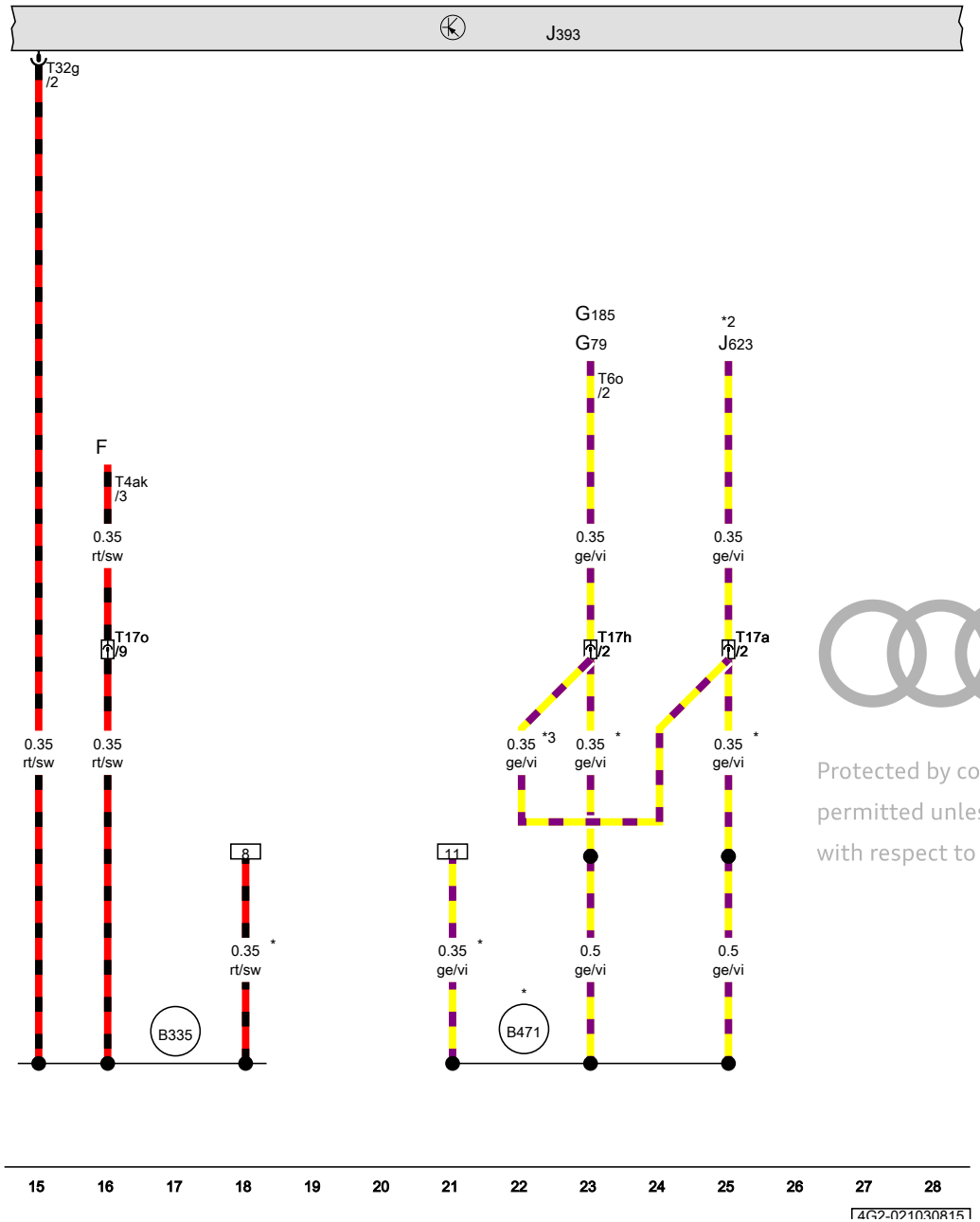


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Interface control unit for vehicle location system, Wiring junction for convenience CAN bus, high

J533	Data bus diagnostic interface
J843	Interface control unit for vehicle location system
ST1	Fuse carrier 1
SF10	Fuse 10 in fuse holder F
T12o	12-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus
*3	Up to May 2011

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Convenience system central control unit

F	Brake light switch
G79	Accelerator position sender
G185	Accelerator position sender 2
J393	Convenience system central control unit
J623	Engine control unit
T4ak	4-pin connector
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32g	32-pin connector
B335	Connection 1 (54), in main wiring harness
B471	Connection 7, in main wiring harness
*	Up to May 2011
*2	see applicable current flow diagram for engine
*3	From June 2011

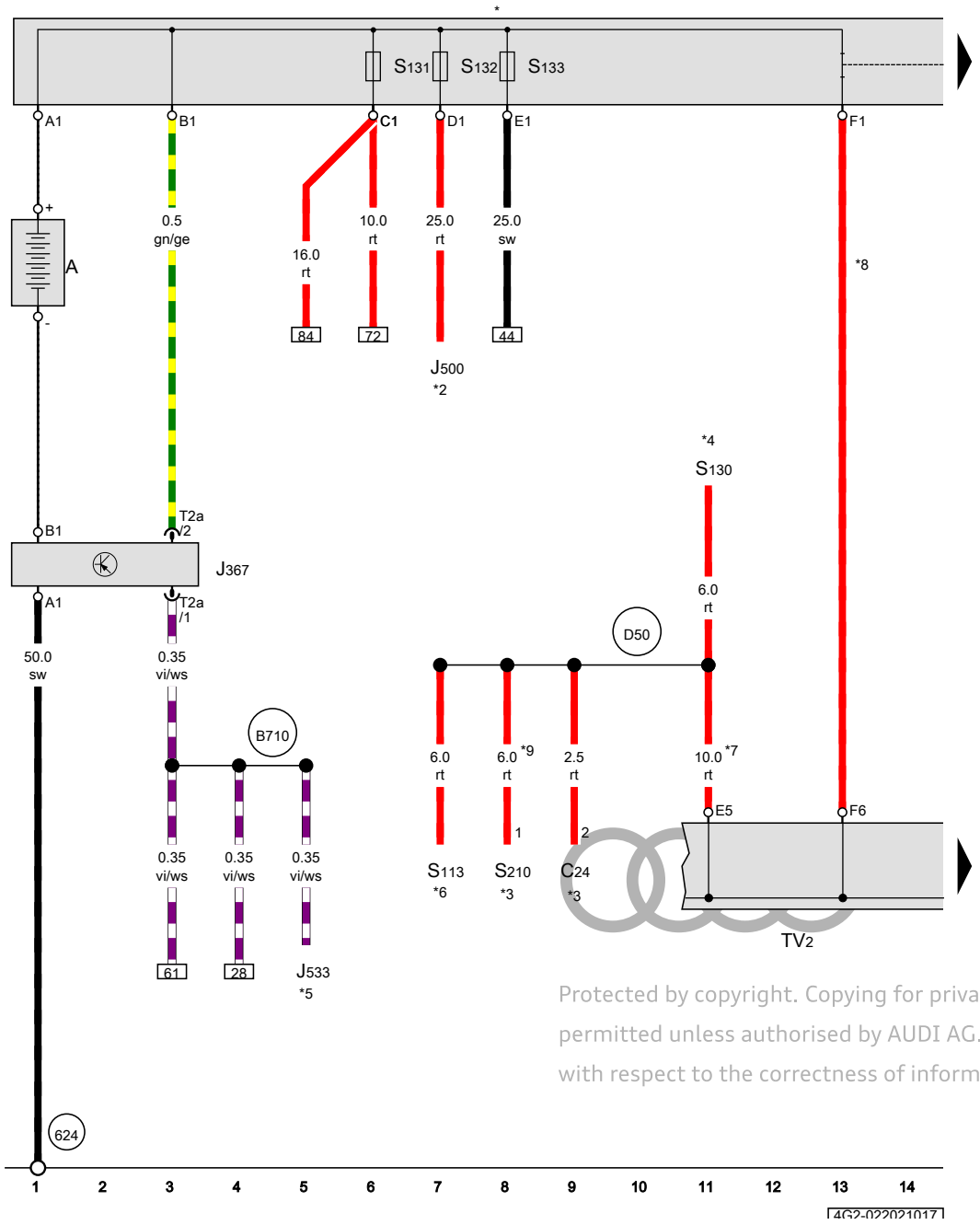
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Fuse assignment

From January 2011

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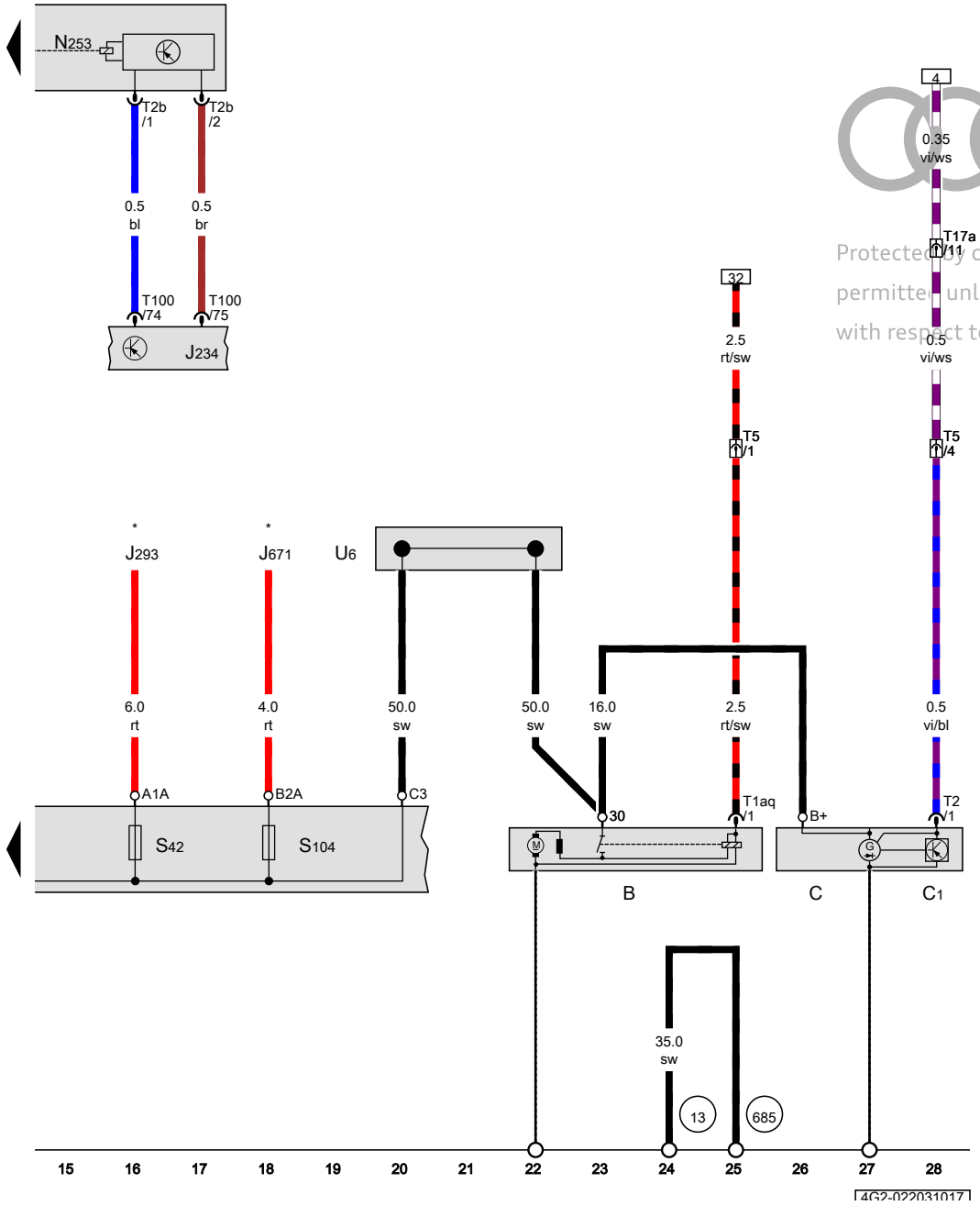


Battery, Battery monitor control unit

A	Battery
C24	Suppression filter
J367	Battery monitor control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
S113	Automatic gearbox control unit fuse
S130	Secondary air pump fuse
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
S210	Fuse 7 (30)
T2a	2-pin connector
TV2	Terminal 30 wiring junction
624	Earth point, starter battery
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with secondary air pump
*5	see applicable current flow diagram for data bus network
*6	see applicable current flow diagram for dual clutch gearbox
*7	Cross section depends on equipment
*8	Flat conductor
*9	For models with hybrid drive system

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Starter, Alternator, Battery isolation igniter, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J234	Airbag control unit
J293	Radiator fan control unit
J671	Radiator fan control unit 2
N253	Battery isolation igniter
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T1aq	1-pin connector
T2	2-pin connector
T2b	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T100	100-pin connector
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for engine

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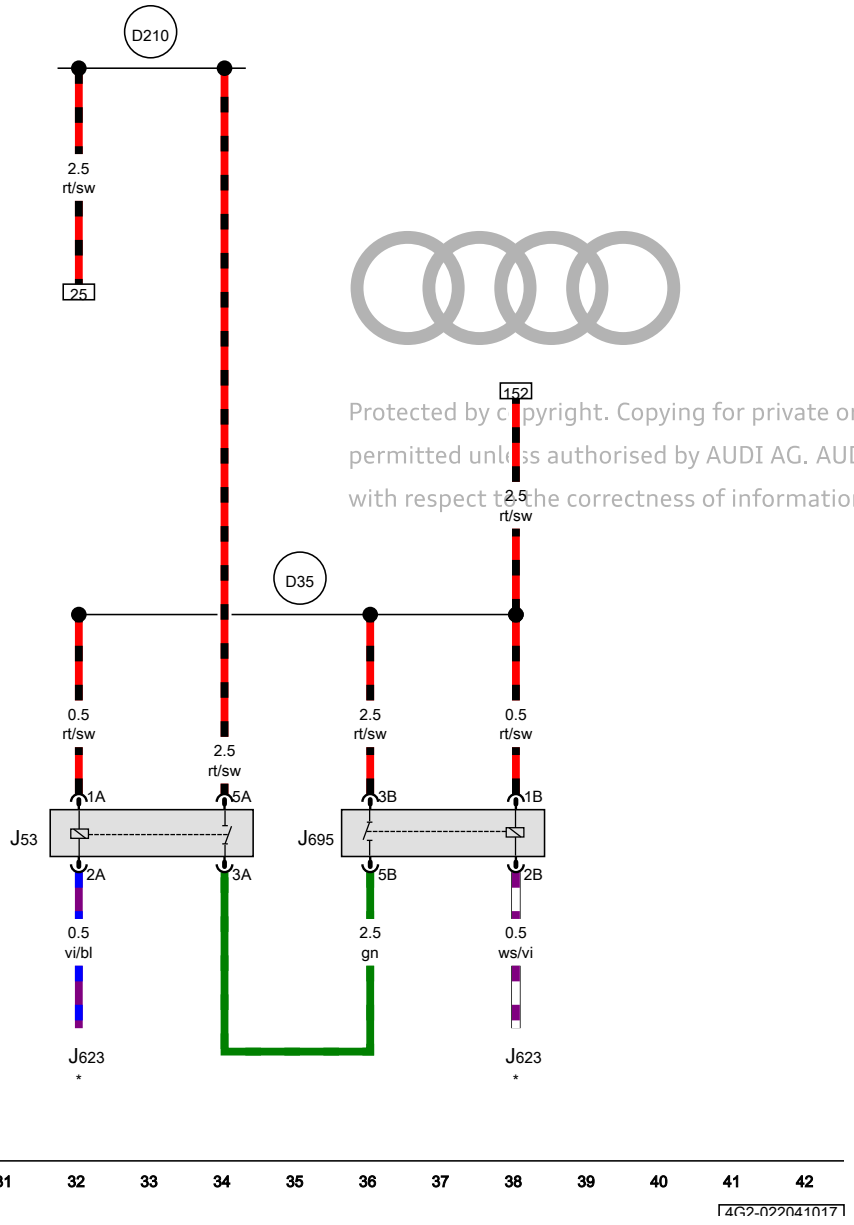
Starter motor relay, Starter motor relay 2

J53 Starter motor relay
J623 Engine/motor control unit
J695 Starter motor relay 2

D35 Positive connection 1 (15a) in engine prewiring harness

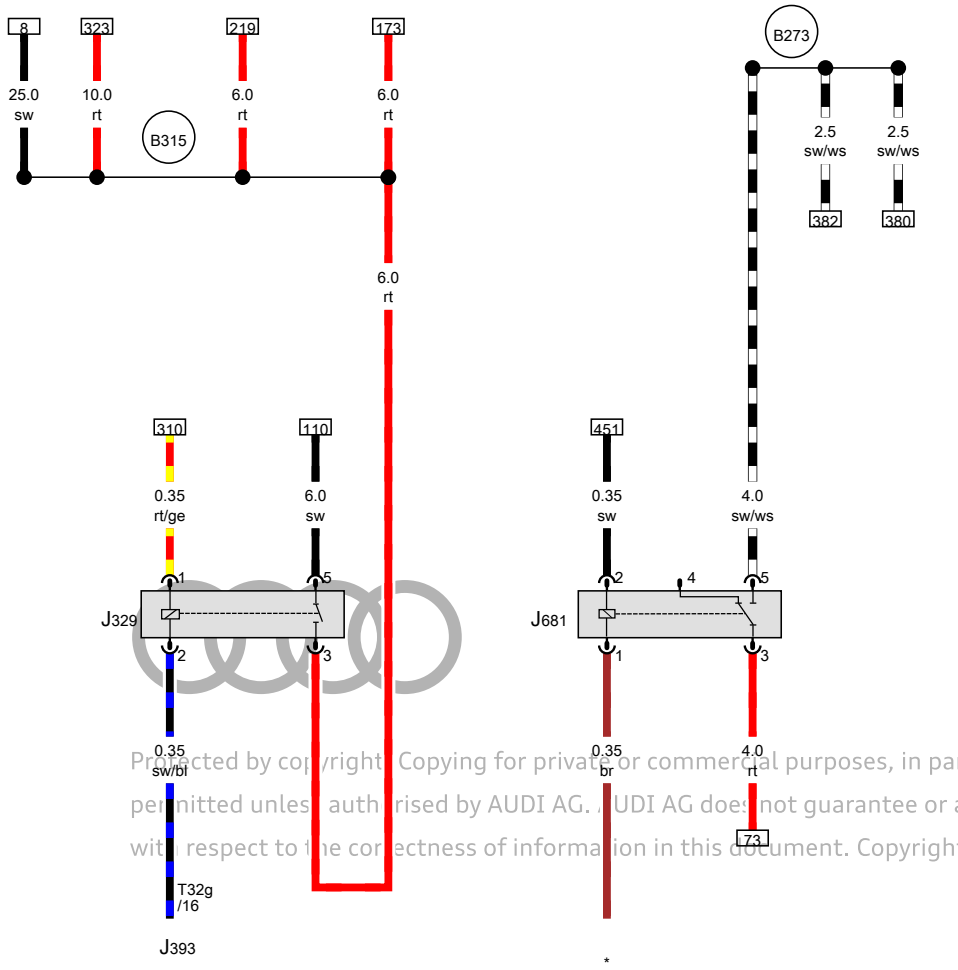
D210 Connection (50), in engine compartment wiring harness

* see applicable current flow diagram for engine



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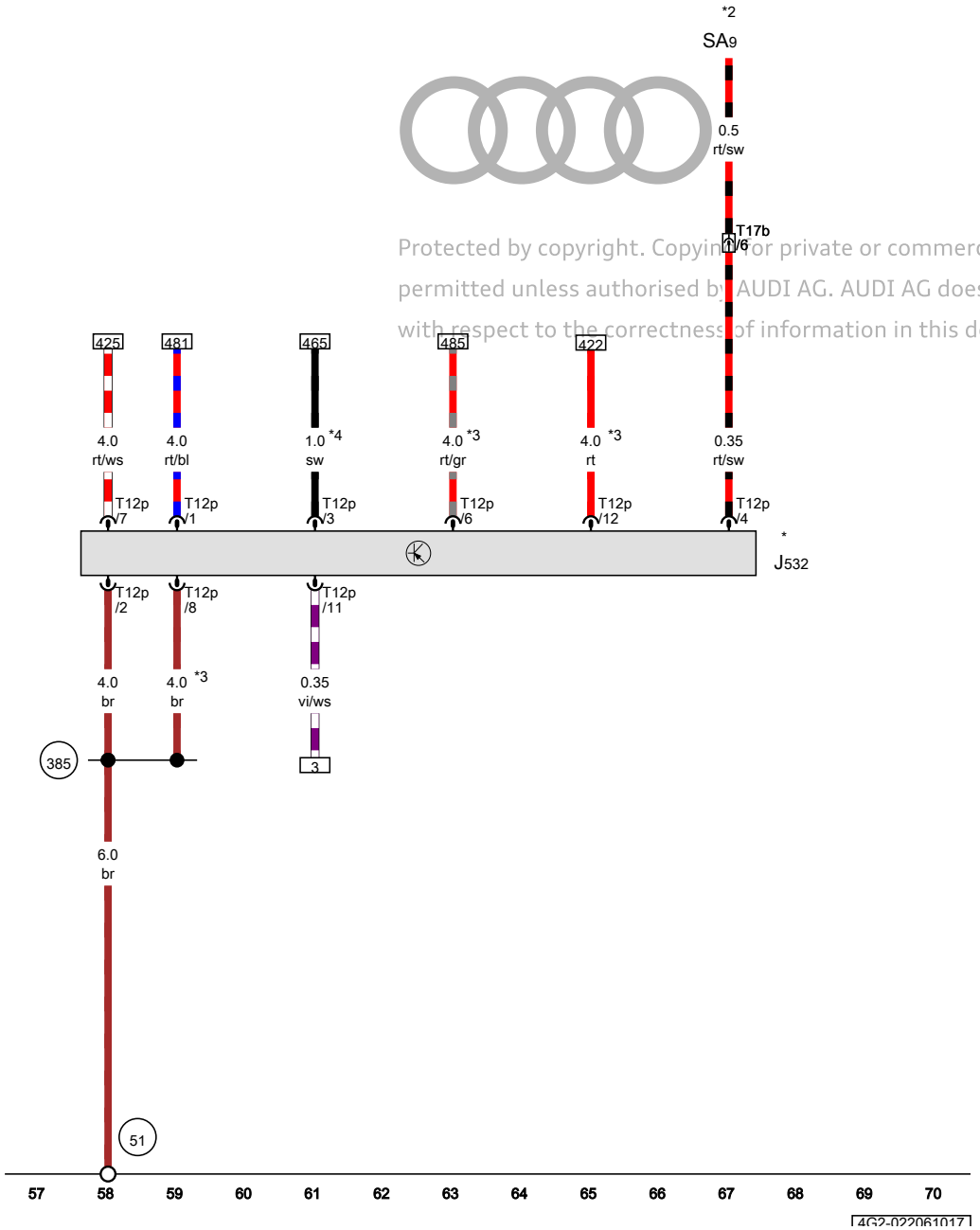
Terminal 15 voltage supply relay, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for basic equipment

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Voltage stabiliser

J532	Voltage stabiliser
SA9	Fuse 9 on fuse holder A
T12p	12-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for engine
*3	For models with 400 W voltage stabiliser
*4	Cross section depends on equipment

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Positive connection (30), in main wiring harness, Positive connection 2 (30), in main wiring harness, Positive connection 3 (30), in main wiring harness

J963 Relay for reducing agent metering system

B272 Positive connection (30), in main wiring harness

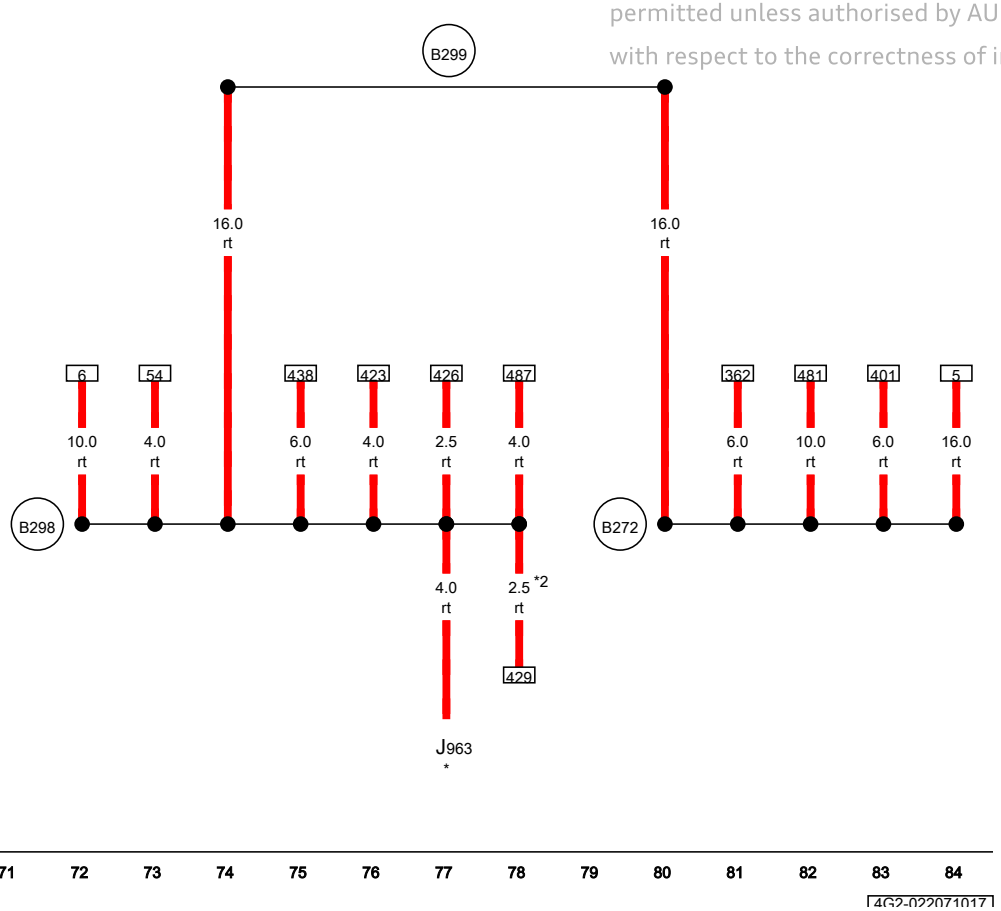
B298 Positive connection 2 (30), in main wiring harness

B299 Positive connection 3 (30), in main wiring harness

* see applicable current flow diagram for engine

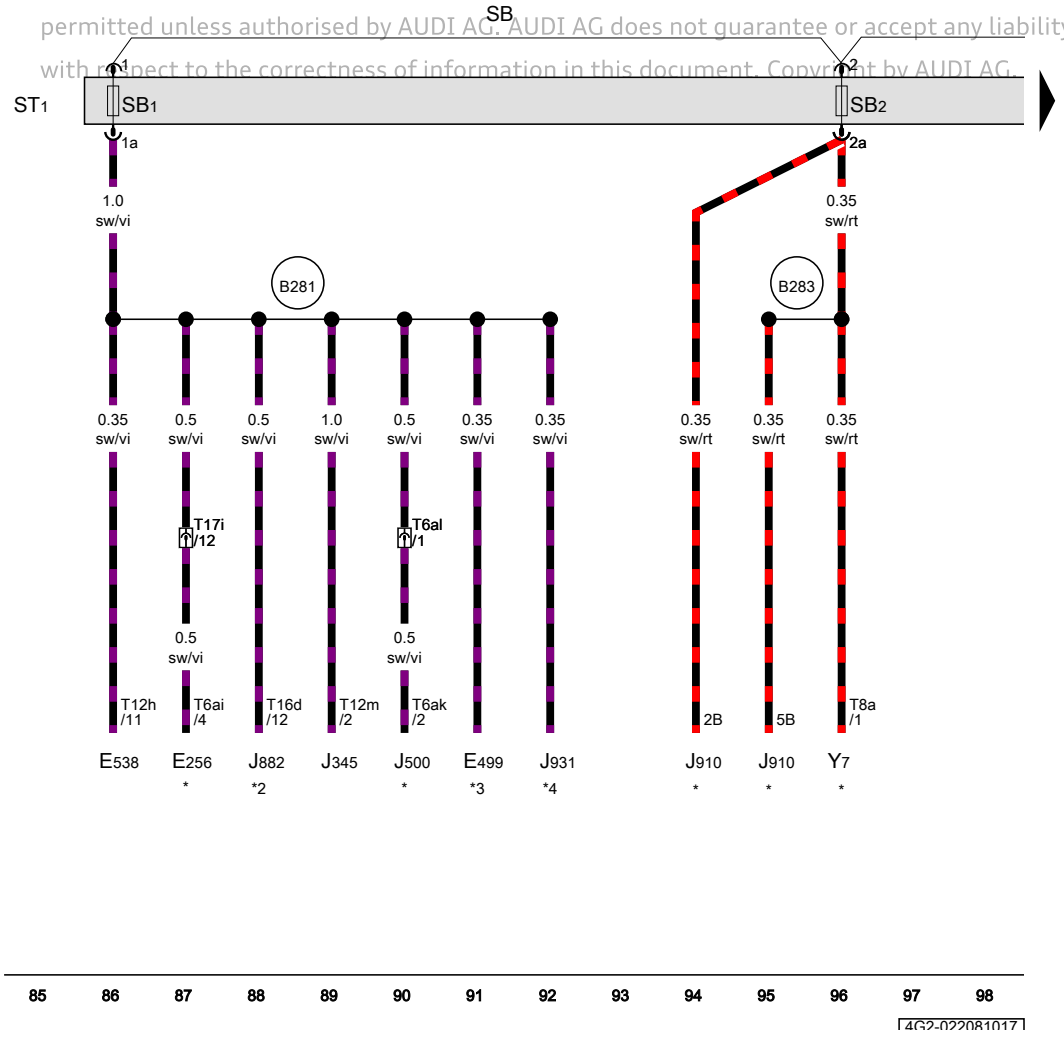
*2 According to equipment

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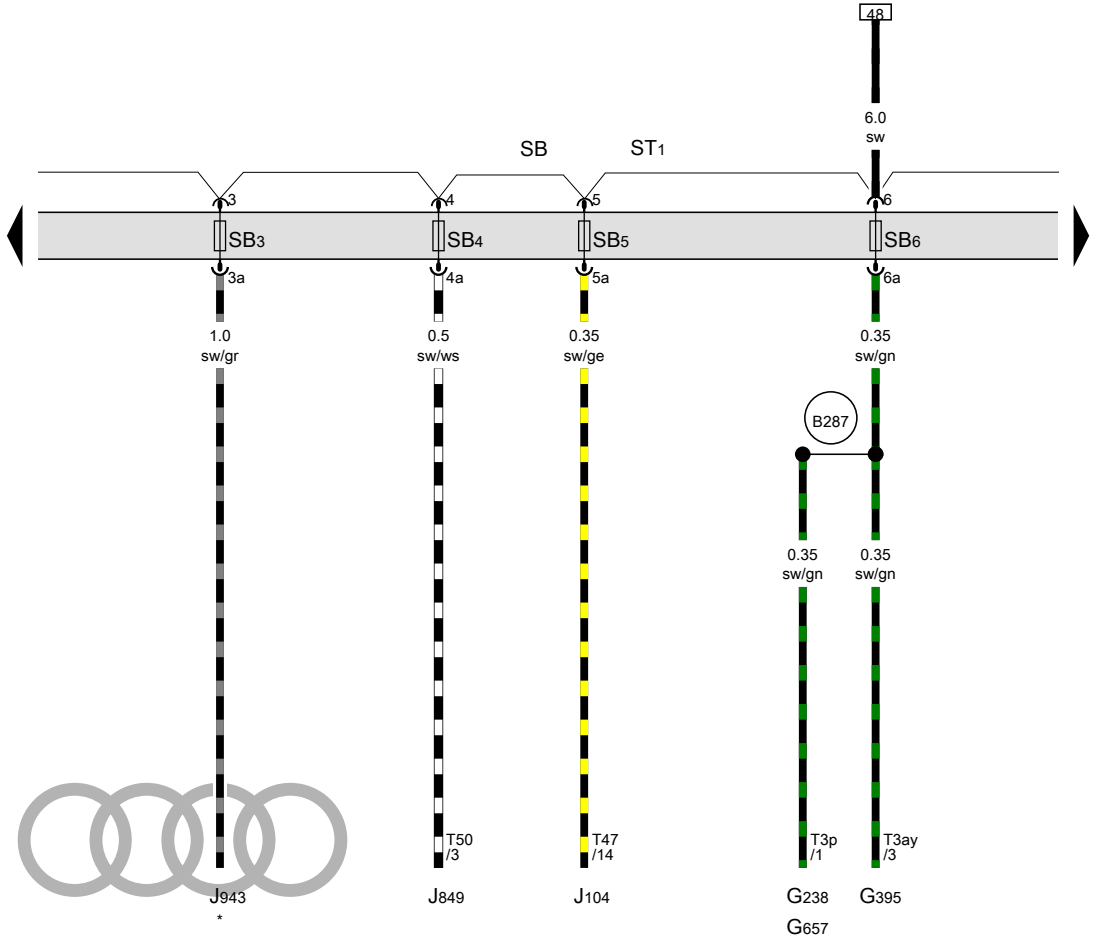
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Fuse holder B, Fuse carrier 1

E256	Button for TCS and electronic stabilisation program
E499	Multimedia system operating unit 2
E538	Electromechanical parking brake button
J345	Trailer detector control unit
J500	Power steering control unit
J882	Seat heating control unit
J910	Relay for automatic anti-dazzle interior mirror
J931	Power unit mounting control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1, black
SB2	Fuse 2 on fuse holder B
T6ai	6-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
T8a	8-pin connector
T12h	12-pin connector
T12m	12-pin connector
T16d	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
Y7	Automatic anti-dazzle interior mirror
B281	Positive connection 5 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with seat heating
*3	For models with preparation for Rear Seat Entertainment (RSE)
*4	see applicable current flow diagram for engine



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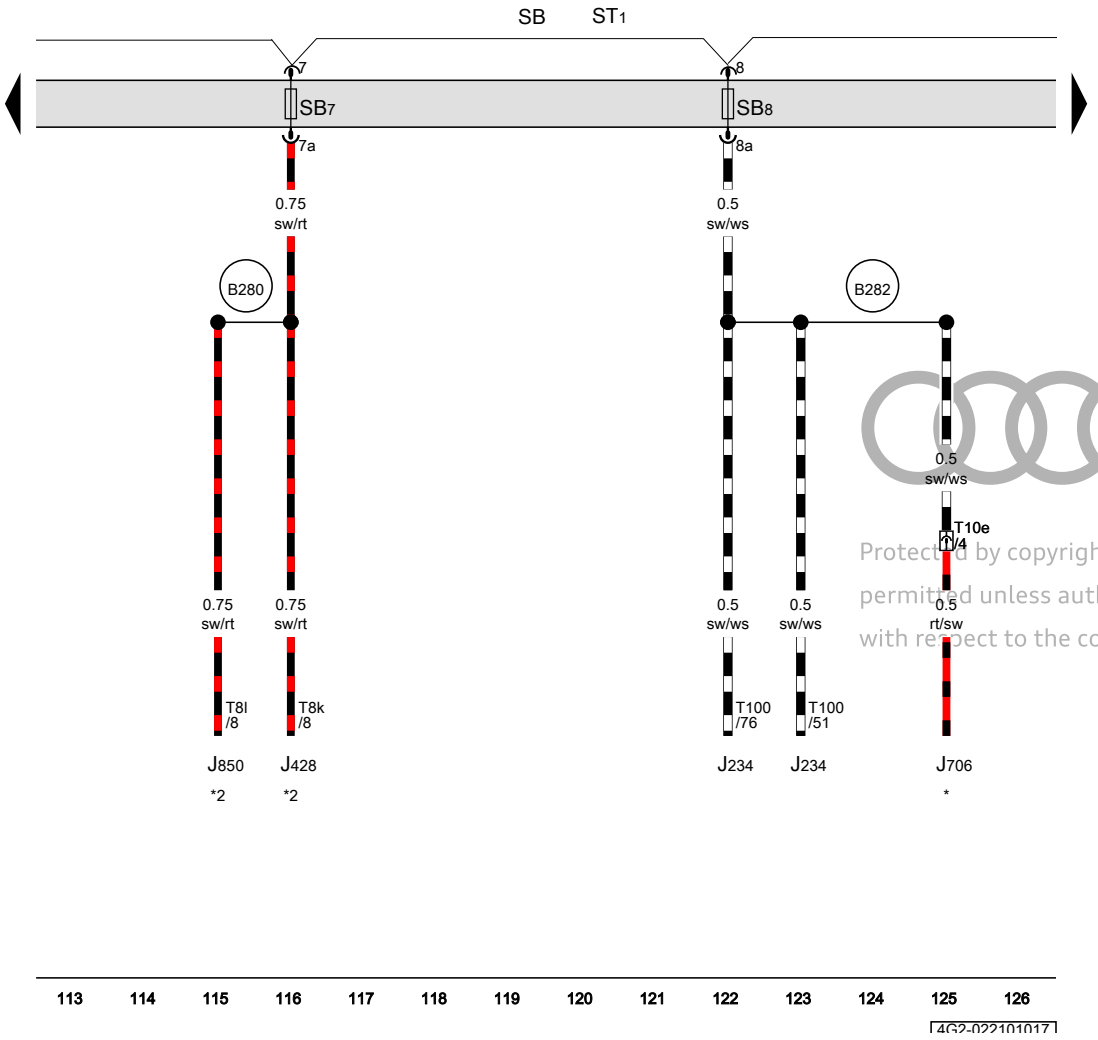
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Fuse holder B, Fuse carrier 1

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J104	ABS control unit
J849	Control unit for sensor electronics
J943	Engine sound generator control unit
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T47	47-pin connector
T50	50-pin connector
B287	Positive connection 11 (15a) in main wiring harness
*	see applicable current flow diagram for engine

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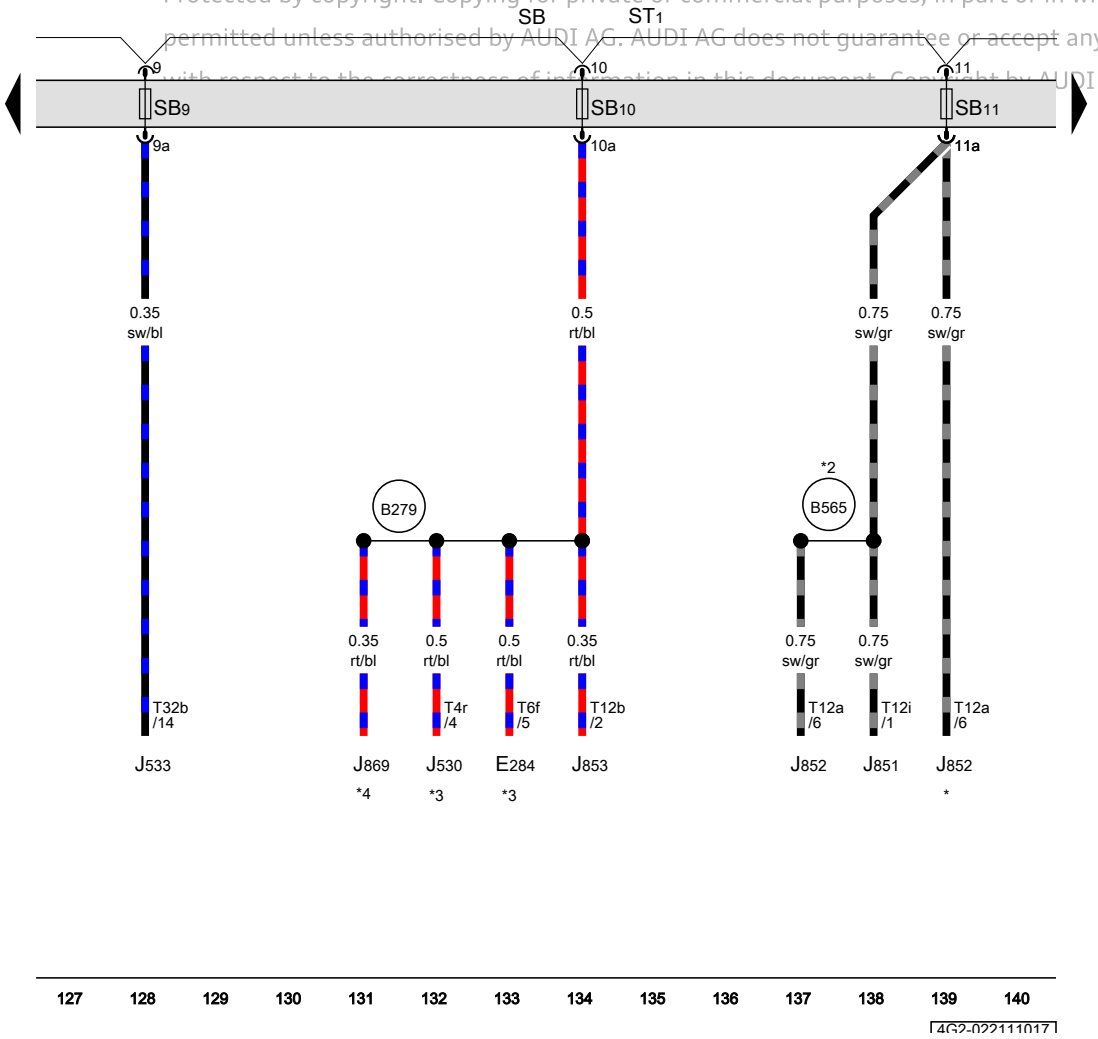
Fuse holder B, Fuse carrier 1

J234	Airbag control unit
J428	Adaptive cruise control unit
J706	Seat occupied recognition control unit
J850	Control unit 2 for adaptive cruise control
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T8k	8-pin connector
T8l	8-pin connector
T10e	10-pin connector, under seat on front right
T100	100-pin connector
B280	Positive connection 4 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	For American markets
*2	For models with adaptive cruise control (ACC)

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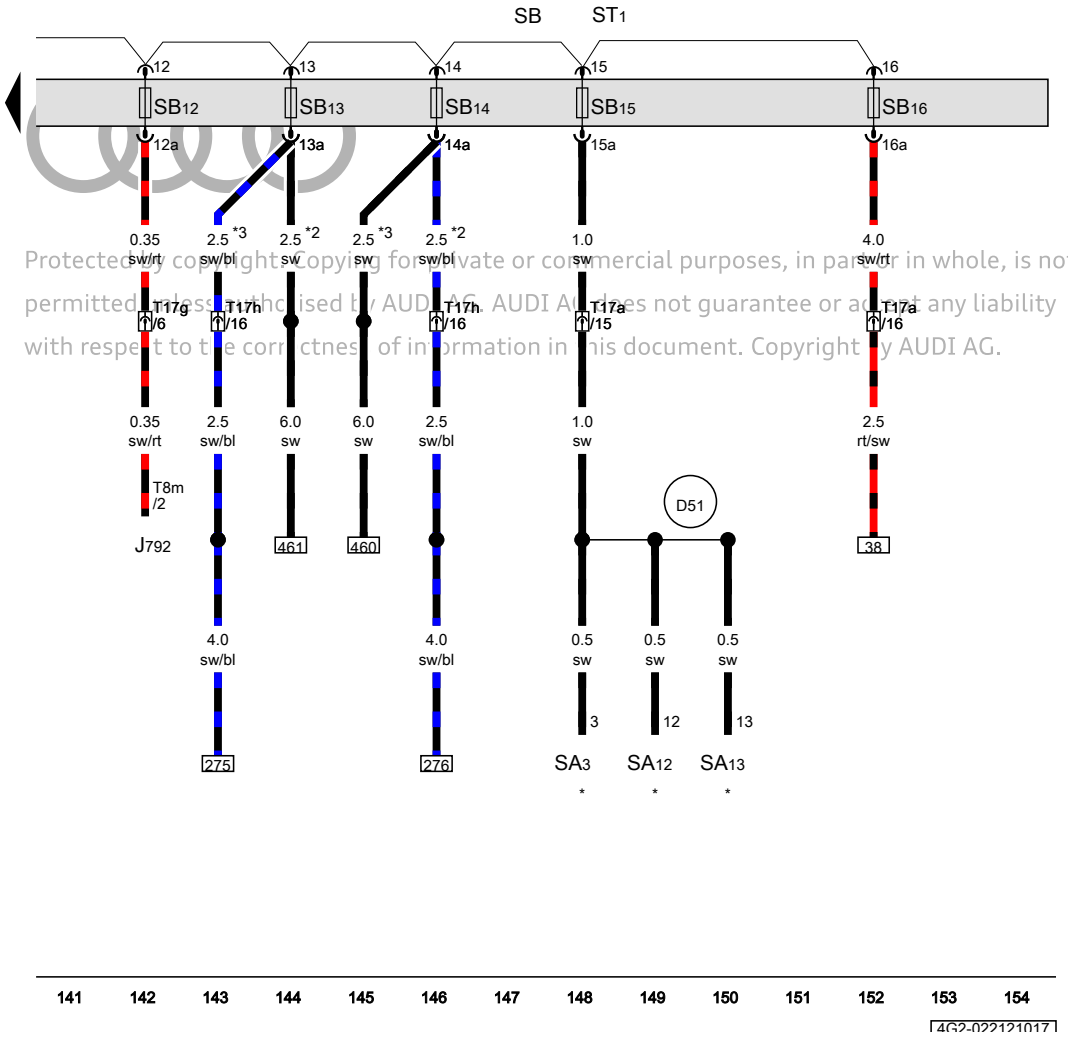
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Fuse holder B, Fuse carrier 1

E284	Garage door operating unit
J530	Garage door operation control unit
J533	Data bus diagnostic interface
J851	Image processing control unit
J852	Camera control unit
J853	Control unit for night vision system
J869	Control unit for structure-borne sound
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T4r	4-pin connector
T6f	6-pin connector
T12a	12-pin connector
T12b	12-pin connector
T12i	12-pin connector
T32b	32-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	Optional equipment
*2	For models with adaptive cruise control (ACC)
*3	For models with garage door opener
*4	see applicable current flow diagram for engine



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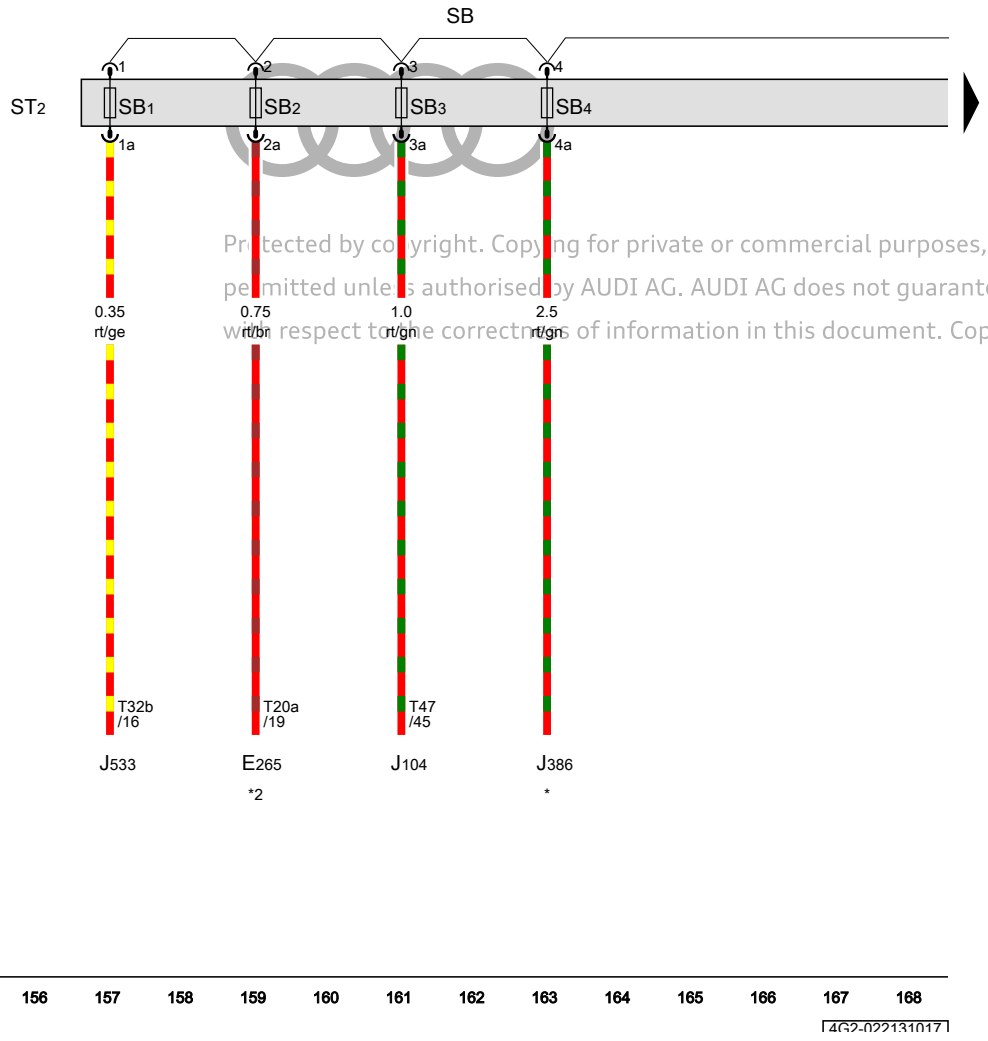
Fuse holder B, Fuse carrier 1

J792	Active steering control unit
SA3	Fuse 3 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T8m	8-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17g	17-pin connector, in left A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Up to December 2011
*3	From January 2012

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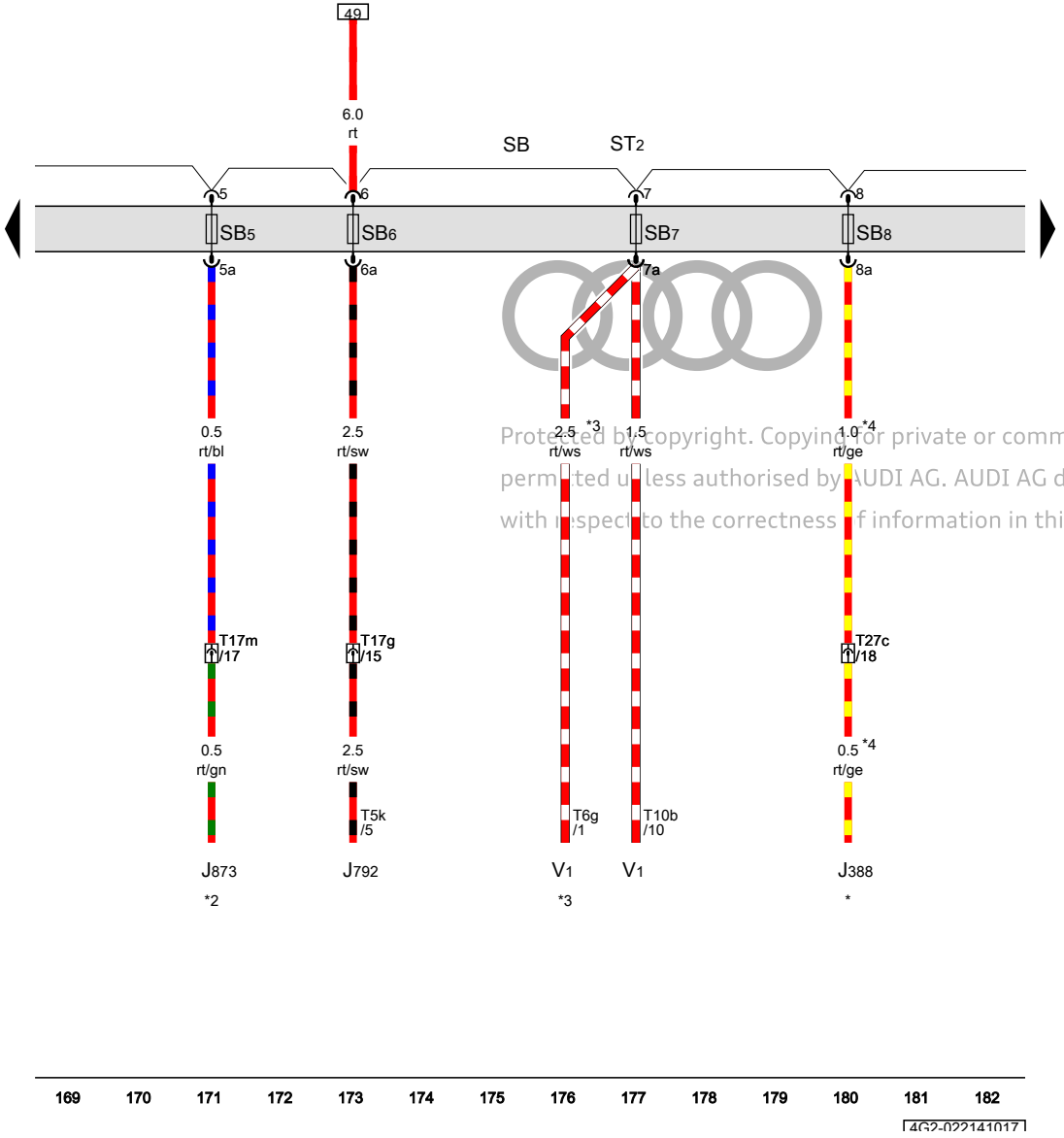
Fuse holder B, Fuse carrier 2

E265	Operating and display unit for rear air conditioning system
J104	ABS control unit
J386	Driver door control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2, brown
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T20a	20-pin connector
T32b	32-pin connector
T47	47-pin connector
*	see applicable current flow diagram for convenience system
*2	Automatic air conditioning system, luxury Climatronic



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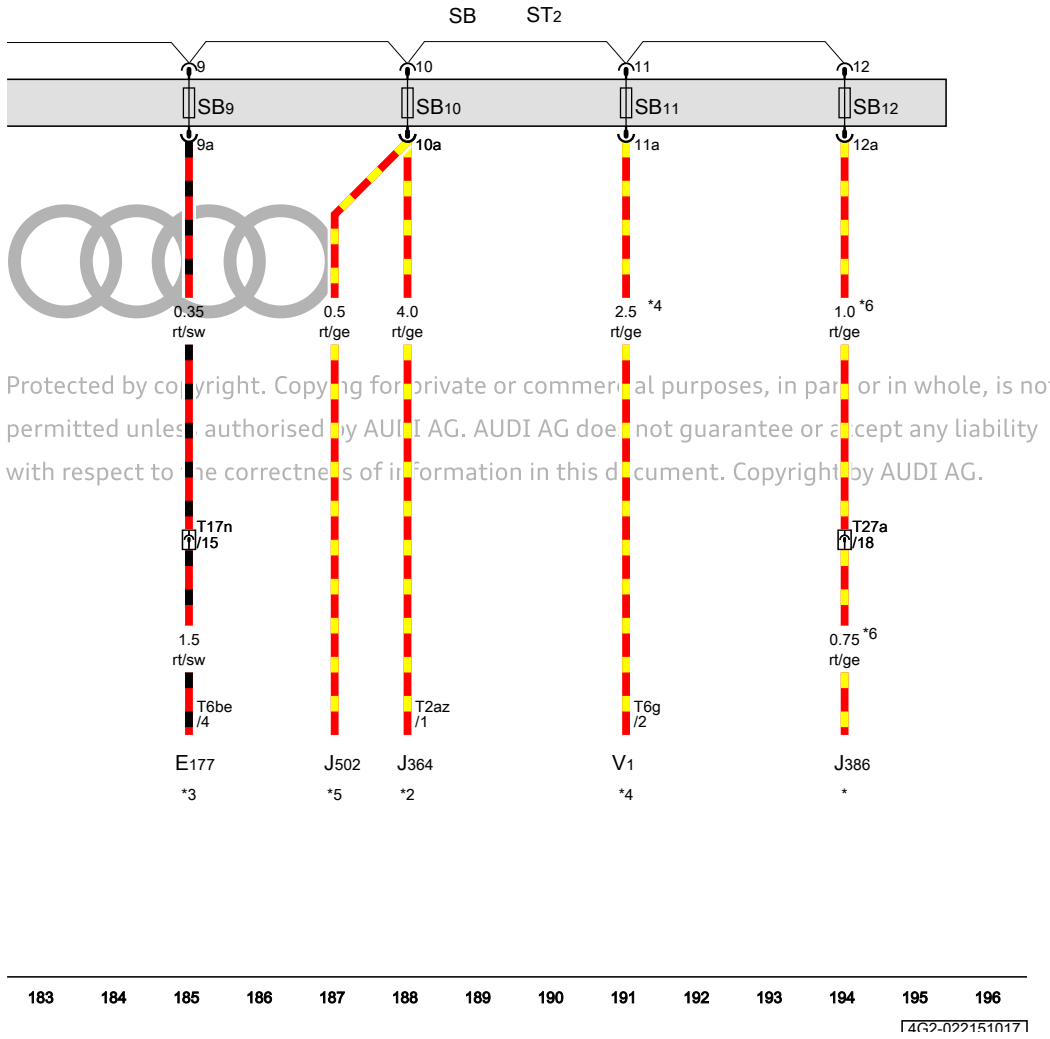


Fuse holder B, Fuse carrier 2

J388	Rear left door control unit
J792	Active steering control unit
J873	Control unit for driver multicontour seat
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T5k	5-pin connector
T6g	6-pin connector
T10b	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T17m	17-pin connector, in coupling point for front seat, left
T27c	27-pin connector, on left B-pillar
V1	Sliding sunroof motor
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for seat adjustment
*3	Avant
*4	Up to May 2011

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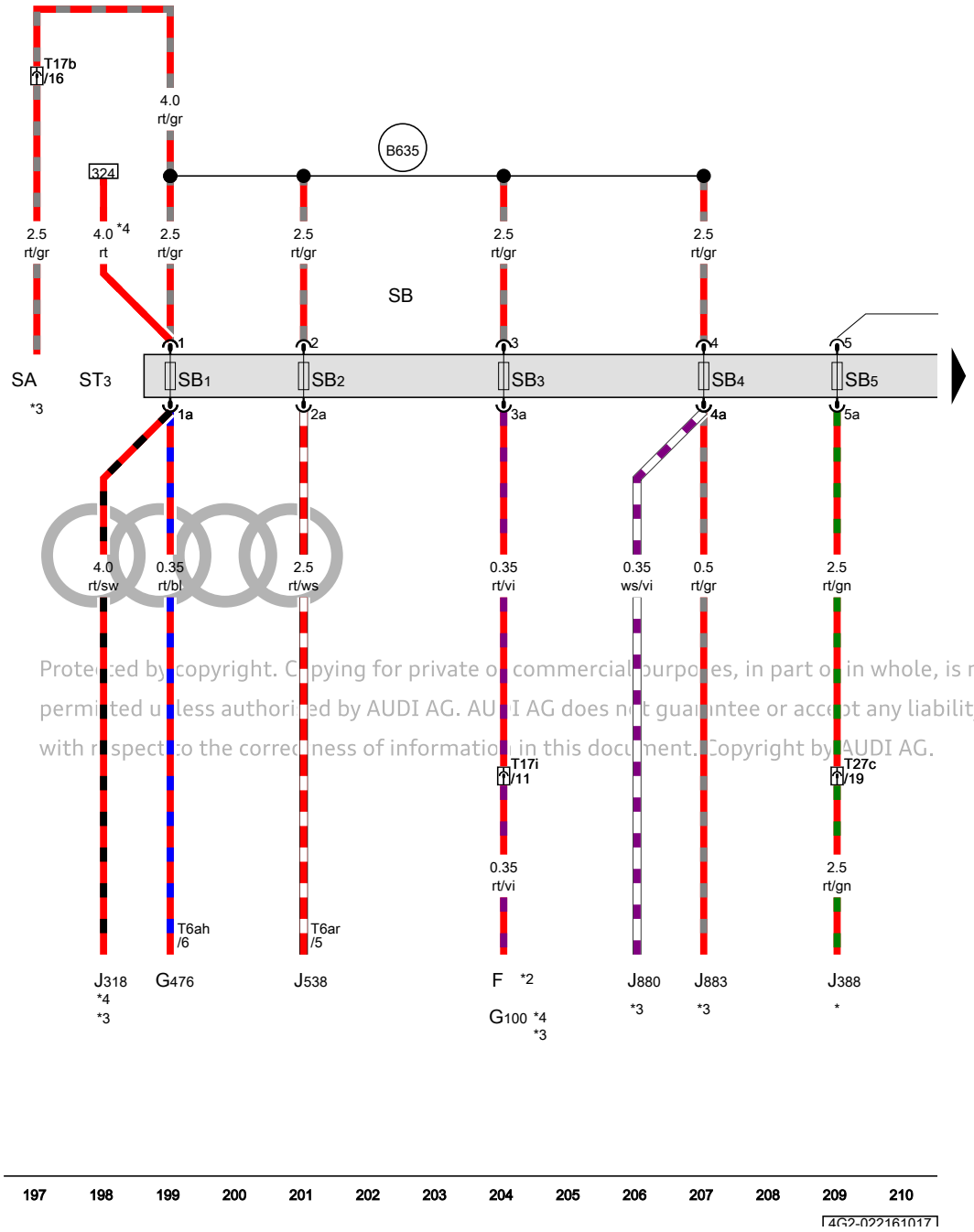


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Fuse holder B, Fuse carrier 2

E177	Front passenger seat lumbar support adjustment switch
J364	Auxiliary heater control unit
J386	Driver door control unit
J502	Tyre Pressure Monitoring System control unit
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T2az	2-pin connector
T6be	6-pin connector
T6g	6-pin connector
T17n	17-pin connector, in coupling point for front seat, right
T27a	27-pin connector, on left A-pillar
V1	Sliding sunroof motor
*	see applicable current flow diagram for convenience system
*2	For models with auxiliary heating
*3	For models with adjustable lumbar support
*4	Avant
*5	For models with Tyre Pressure Monitoring System
*6	Up to May 2011

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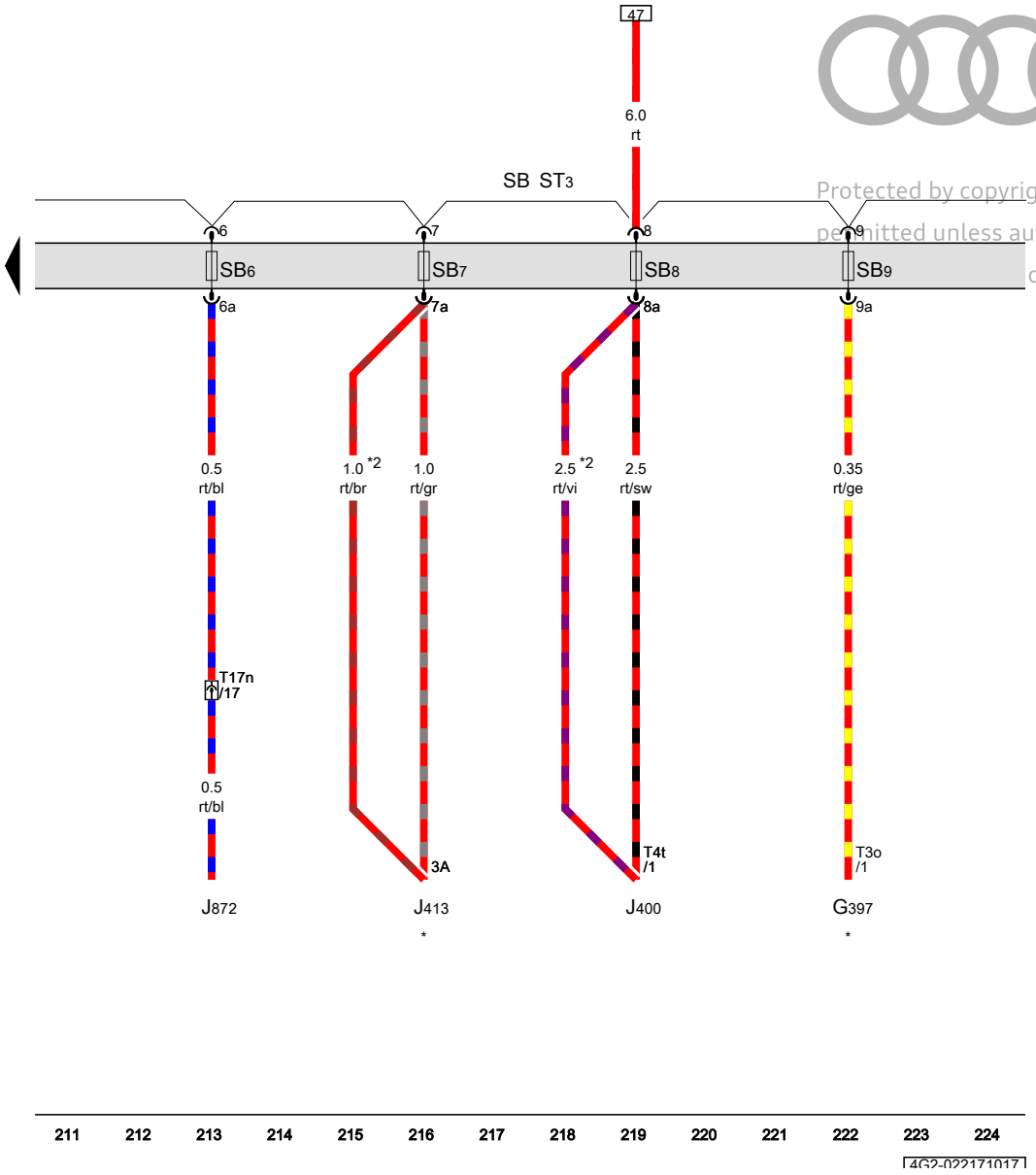
Fuse holder B, Fuse carrier 3

F	Brake light switch
G100	Brake pedal position sender
G476	Clutch position sender
J318	Vacuum pump relay
J388	Rear left door control unit
J538	Fuel pump control unit
J880	Control unit for reducing agent metering system
J883	Exhaust flap control unit
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3, red
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T6ah	6-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T27c	27-pin connector, on left B-pillar
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with hybrid drive system

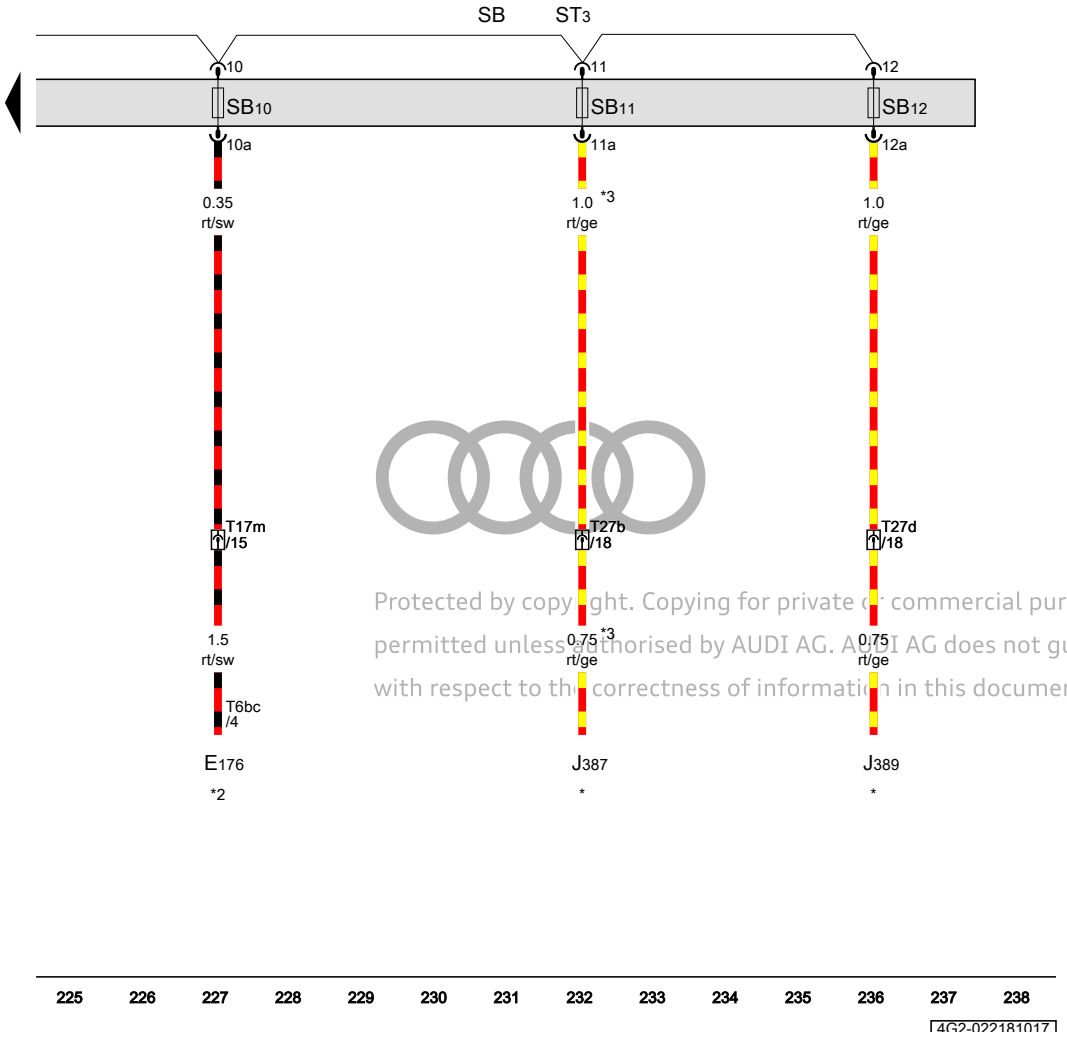
Fuse holder B, Fuse carrier 3

G397	Rain and light sensor
J400	Wiper motor control unit
J413	Horn relay
J872	Control unit for front passenger multicontour seat
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T17n	17-pin connector, in coupling point for front seat, right
*	see applicable current flow diagram for basic equipment
*2	From June 2011

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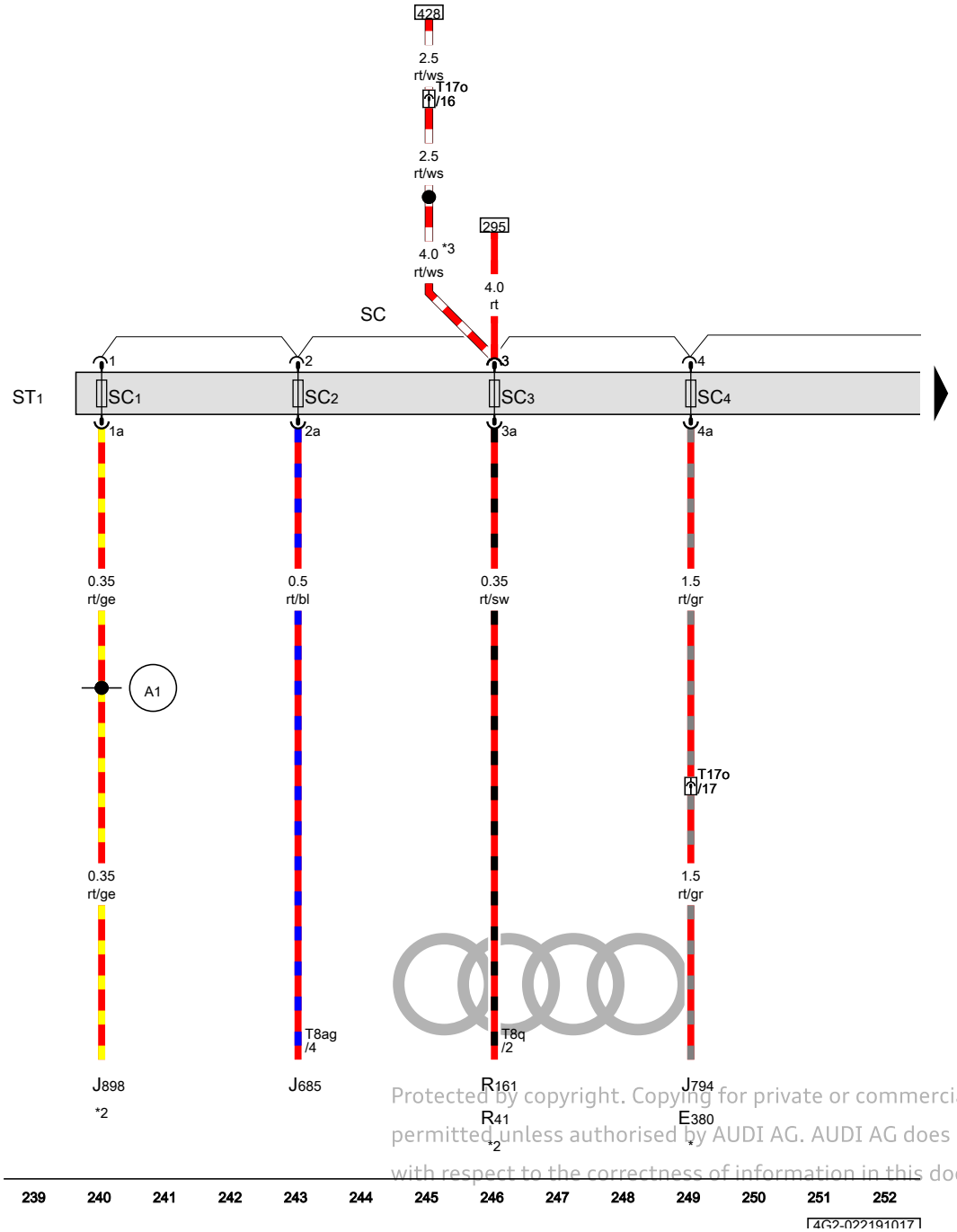


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Fuse holder B, Fuse carrier 3

E176	Driver seat lumbar support adjustment switch
J387	Front passenger door control unit
J389	Rear right door control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6bc	6-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T27b	27-pin connector, on right A-pillar
T27d	27-pin connector, on right B-pillar
*	see applicable current flow diagram for convenience system
*2	For models with no adjustable seats
*3	Up to May 2011

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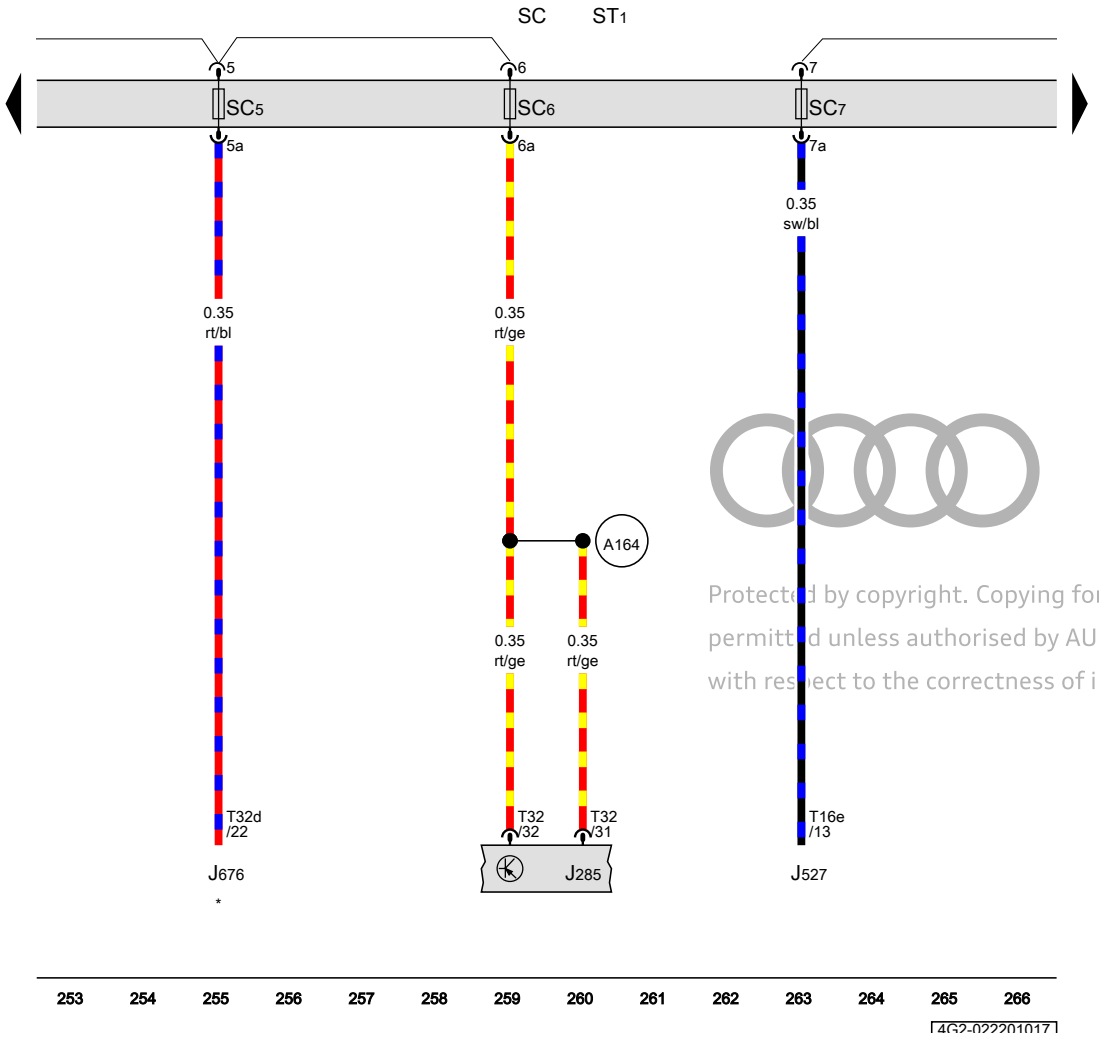


Fuse holder C, Fuse carrier 1

E380	Multimedia system operating unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
J898	Control unit for Head-up Display
R41	CD changer
R161	DVD changer
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1, black
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
T8ag	8-pin connector
T8q	8-pin connector
T17o	17-pin connector, in right A-pillar coupling station
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	According to equipment
*3	For models with start/stop system

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rt	=	red
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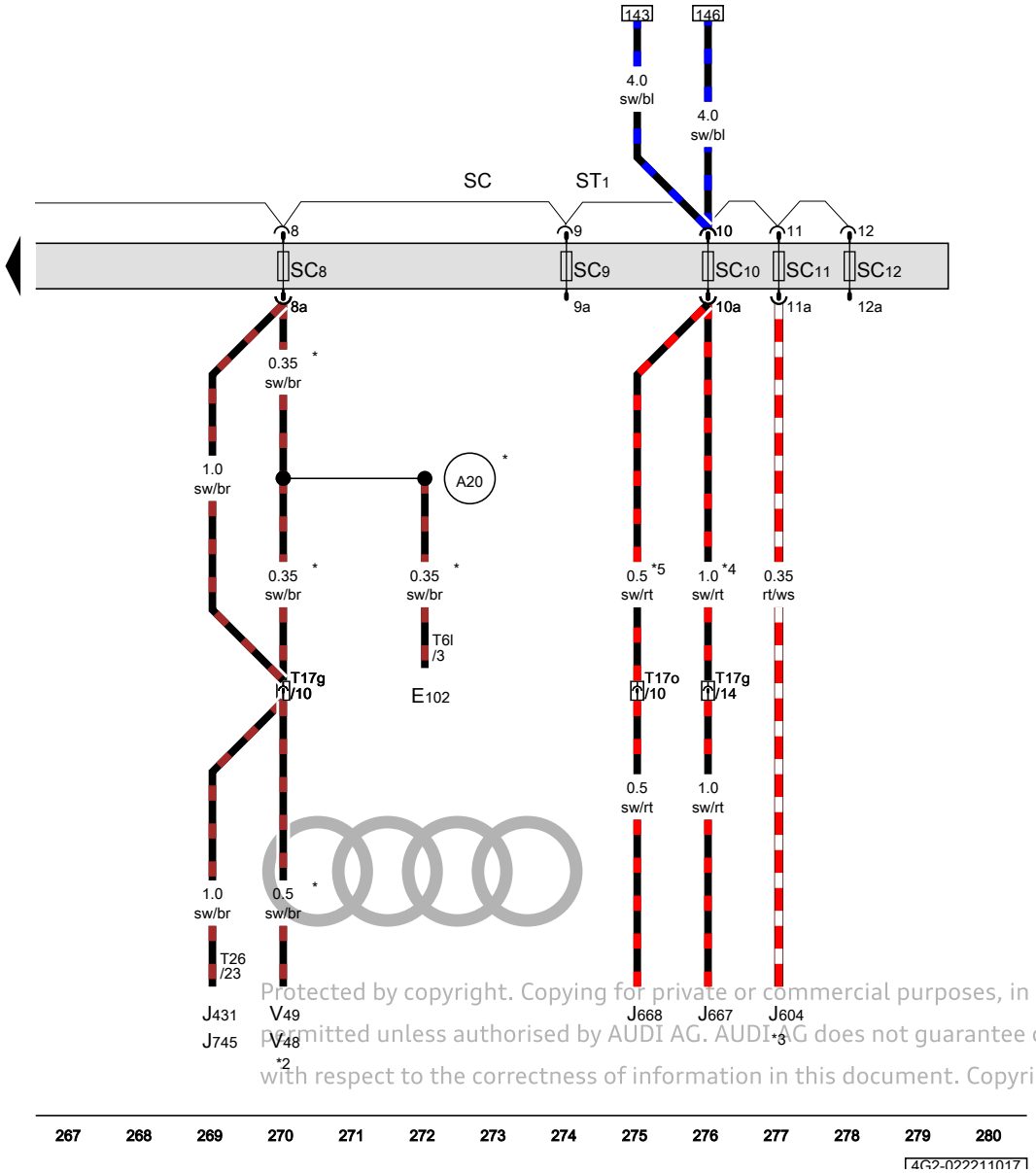


Fuse holder C, Fuse carrier 1

J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J676	Chip card reader control unit
SC	Fuse holder C
ST1	Fuse carrier 1, black
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T16e	16-pin connector
T32	32-pin connector
T32d	32-pin connector
A164	Positive connection 2 (30a) in dash panel wiring harness
*	For models with equipment for Japan

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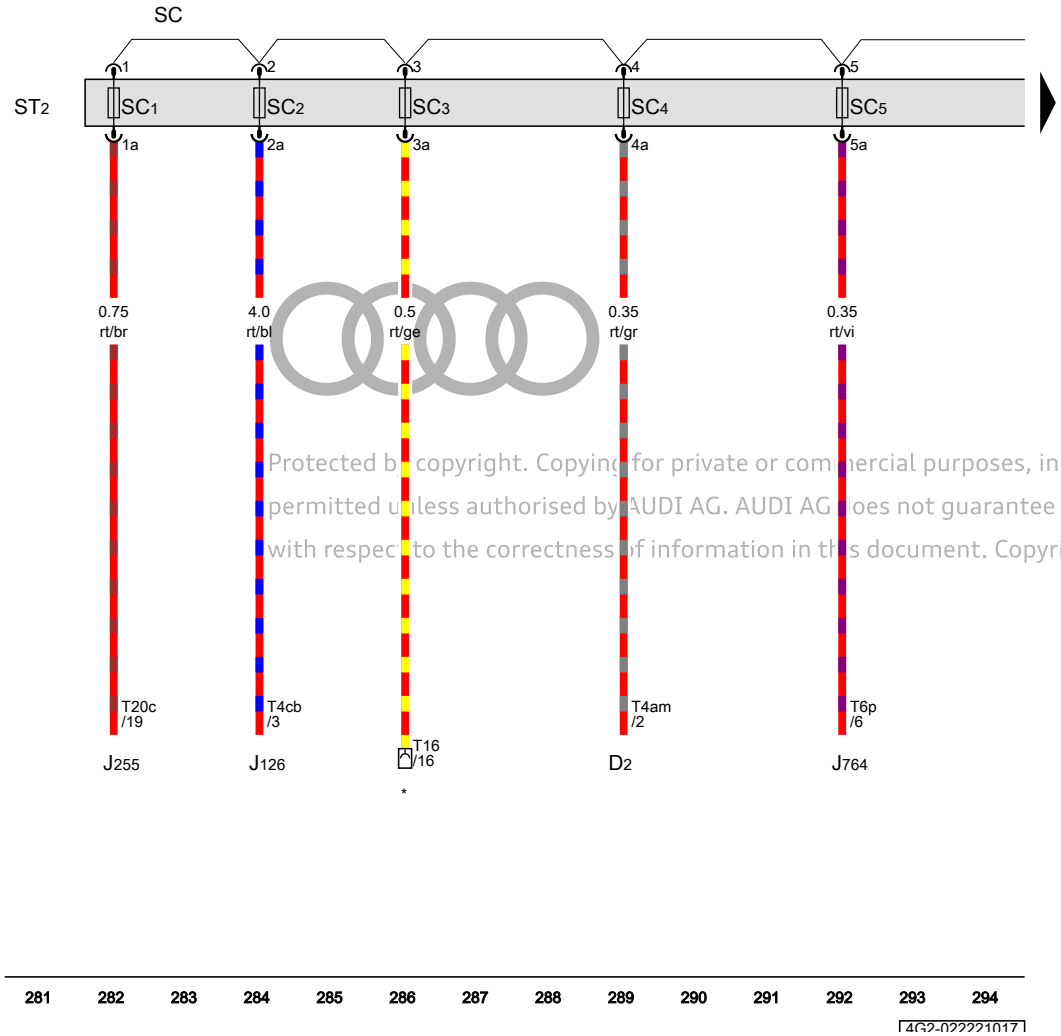
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Fuse holder C, Fuse carrier 1

E102	Headlight range control regulator
J431	Headlight range control unit
J604	Auxiliary air heater control unit
J667	Output module for left headlight
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
SC	Fuse holder C
ST1	Fuse carrier 1, black
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T6l	6-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T26	26-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
A20	Positive connection (15a), in dash panel wiring harness
*	For models with no automatic headlight range control
*2	see applicable current flow diagram for basic equipment
*3	For models with hybrid drive system
*4	Up to May 2011
*5	From June 2011

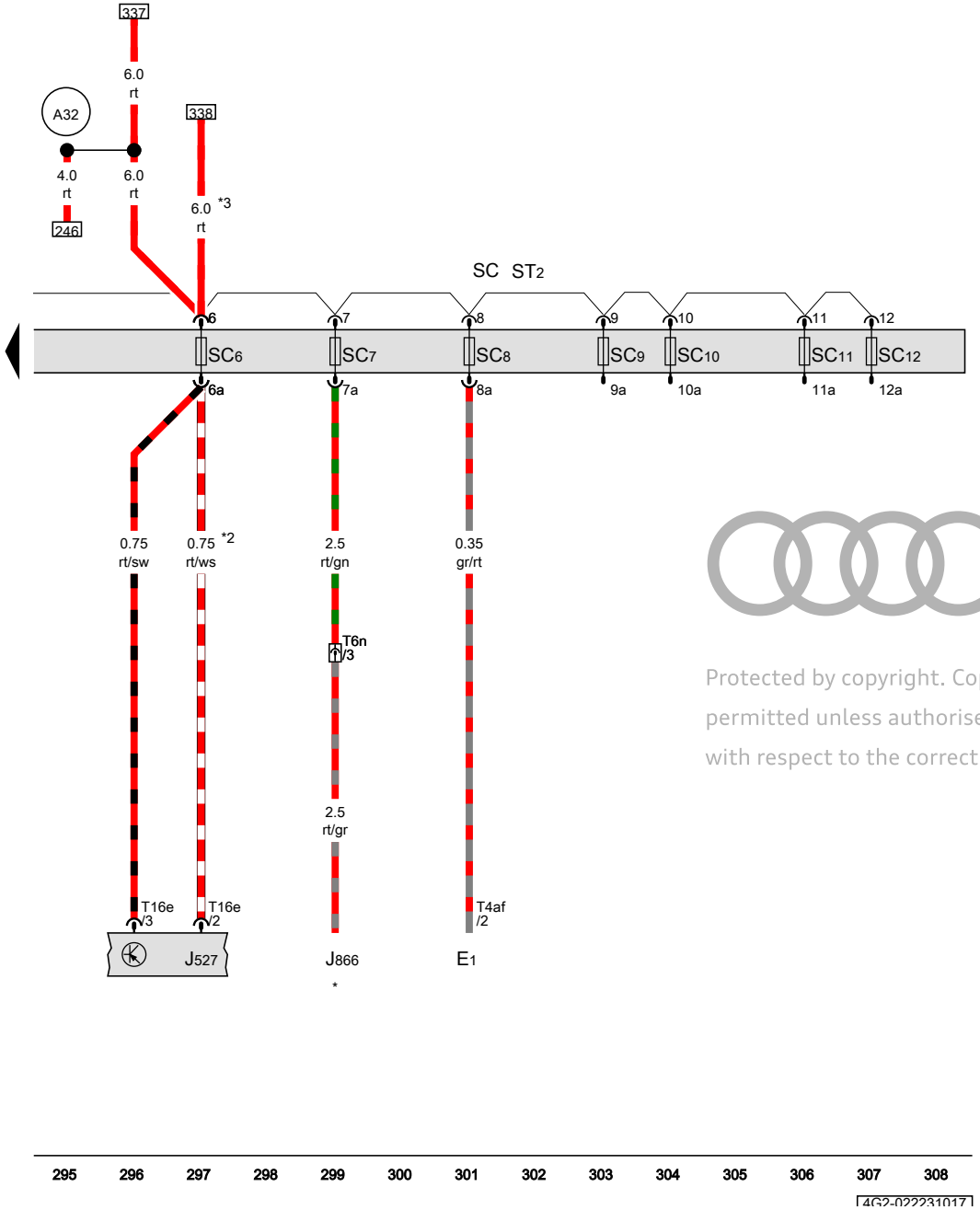
Fuse holder C, Fuse carrier 2

D2	Immobiliser reader coil
J126	Fresh air blower control unit
J255	Climatronic control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C, Fuse carrier on left of dash panel
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2, brown
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4am	4-pin connector
T4cb	4-pin connector
T6p	6-pin connector
T16	16-pin connector
T20c	20-pin connector
*	Diagnostic connection



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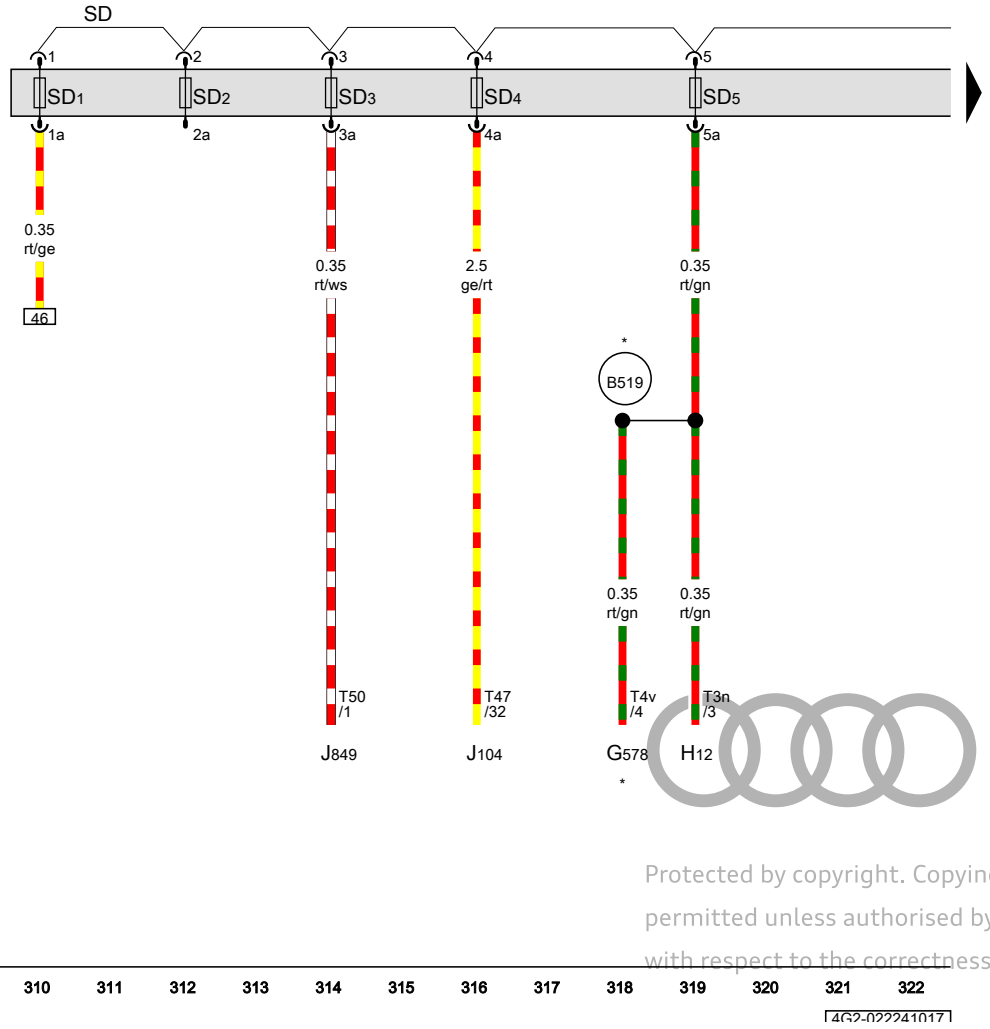


Fuse holder C, Fuse carrier 2

E1	Light switch
J527	Steering column electronics control unit
J866	Control unit for electrically adjustable steering column
SC	Fuse holder C, Fuse carrier on left of dash panel
ST2	Fuse carrier 2, brown
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T4af	4-pin connector
T6n	6-pin connector, behind steering column trim
T16e	16-pin connector
A32	Positive connection (30), in dash panel wiring harness
*	see applicable current flow diagram
*2	For models with heated steering wheel
*3	For models with start/stop system

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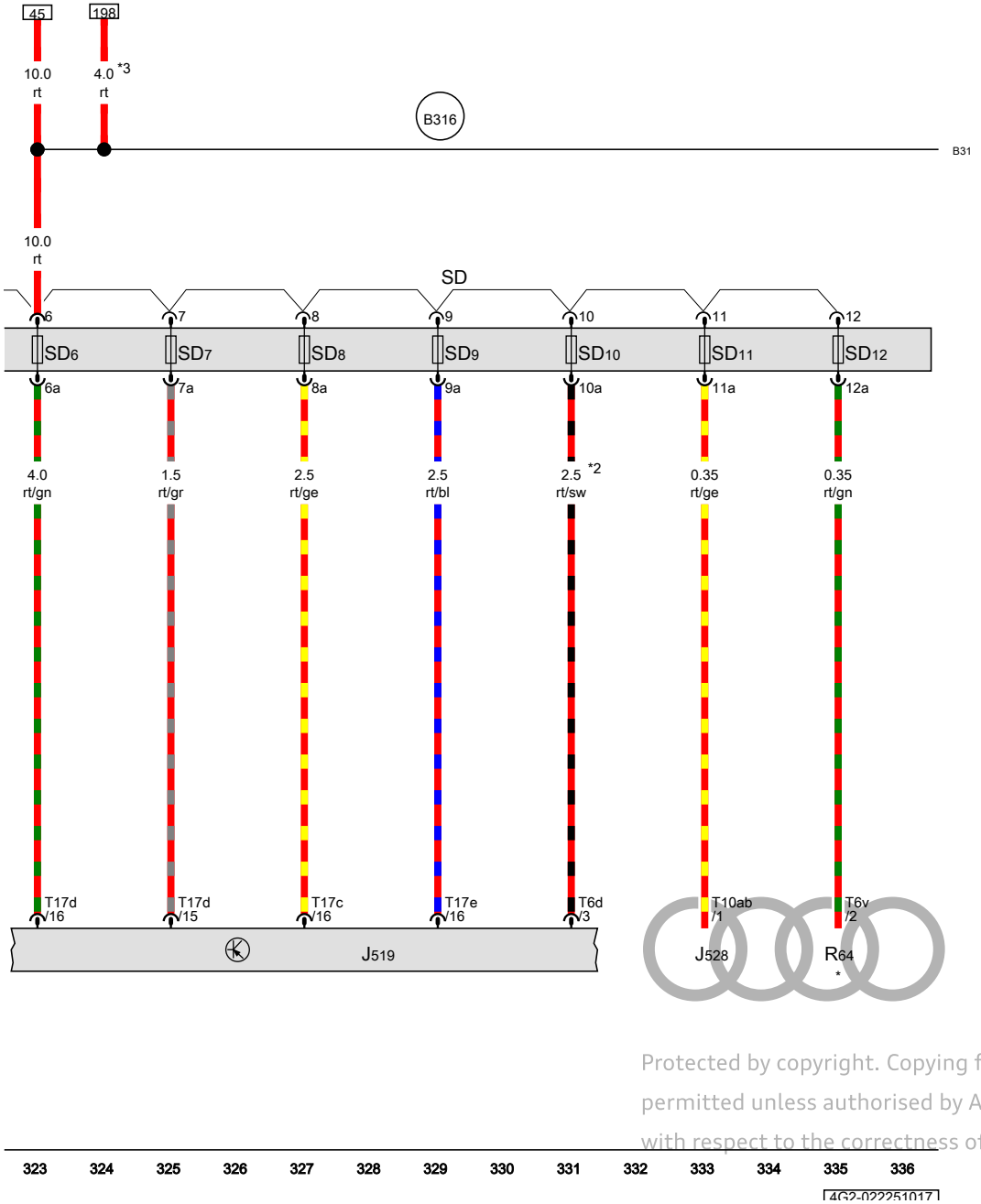


Fuse holder D

G578	Anti-theft alarm sensor
H12	Alarm horn
J104	ABS control unit
J849	Control unit for sensor electronics
SD	Fuse holder D, near onboard supply control unit
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T3n	3-pin connector
T4v	4-pin connector
T47	47-pin connector
T50	50-pin connector
B519	Connection (30a, CL/ATA/IR), in main wiring harness
*	For models with interior monitoring

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rt	=	red
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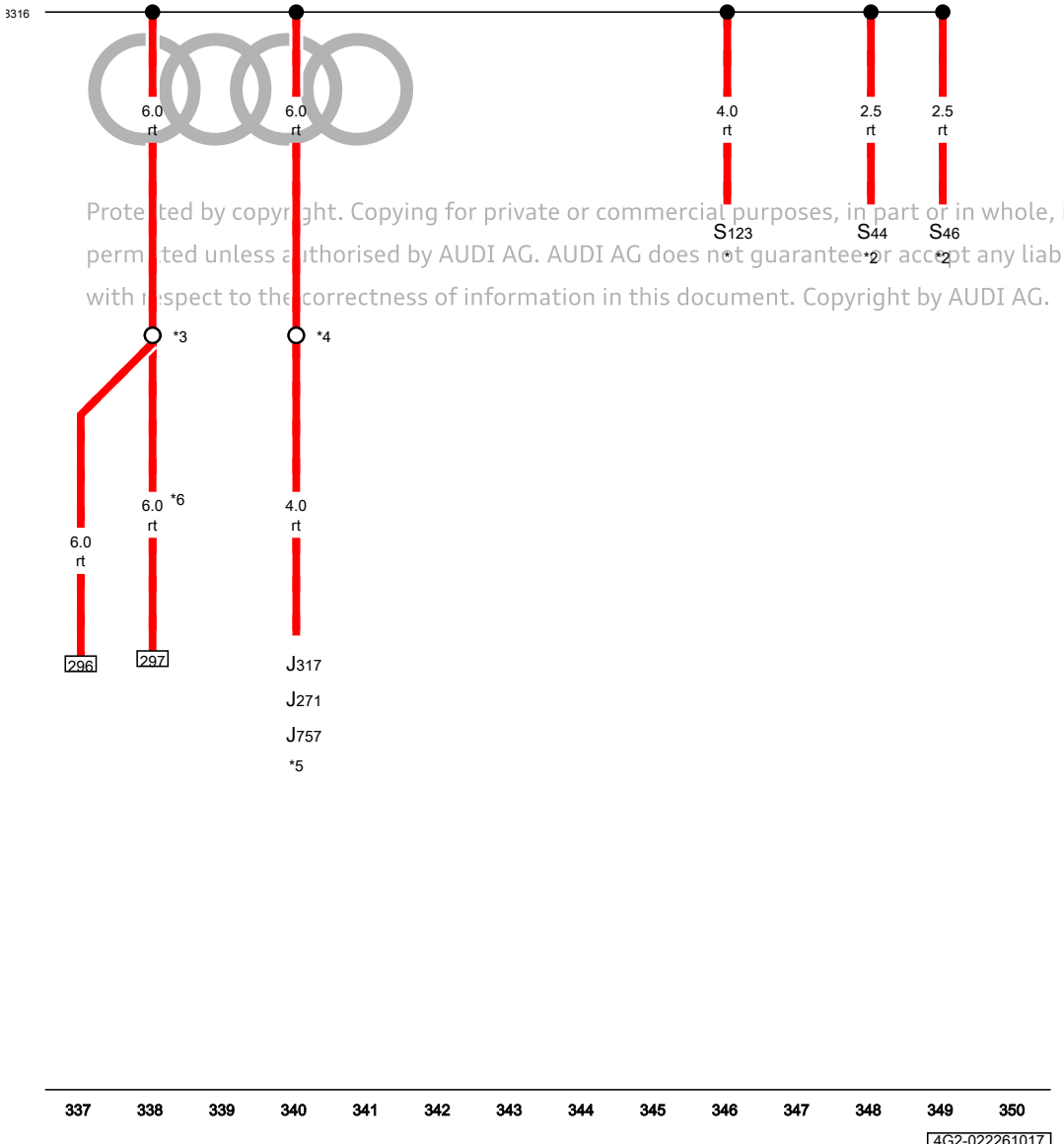


Fuse holder D, Positive connection 2 (30a) in main wiring harness

J519	Onboard supply control unit
J528	Roof electronics control unit
R64	Remote control receiver for auxiliary heater
SD	Fuse holder D, near onboard supply control unit
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T6d	6-pin connector
T6v	6-pin connector
T10ab	10-pin connector
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
B316	Positive connection 2 (30a) in main wiring harness
*	For models with auxiliary heating
*2	For models with seat heating
*3	For models with hybrid drive system

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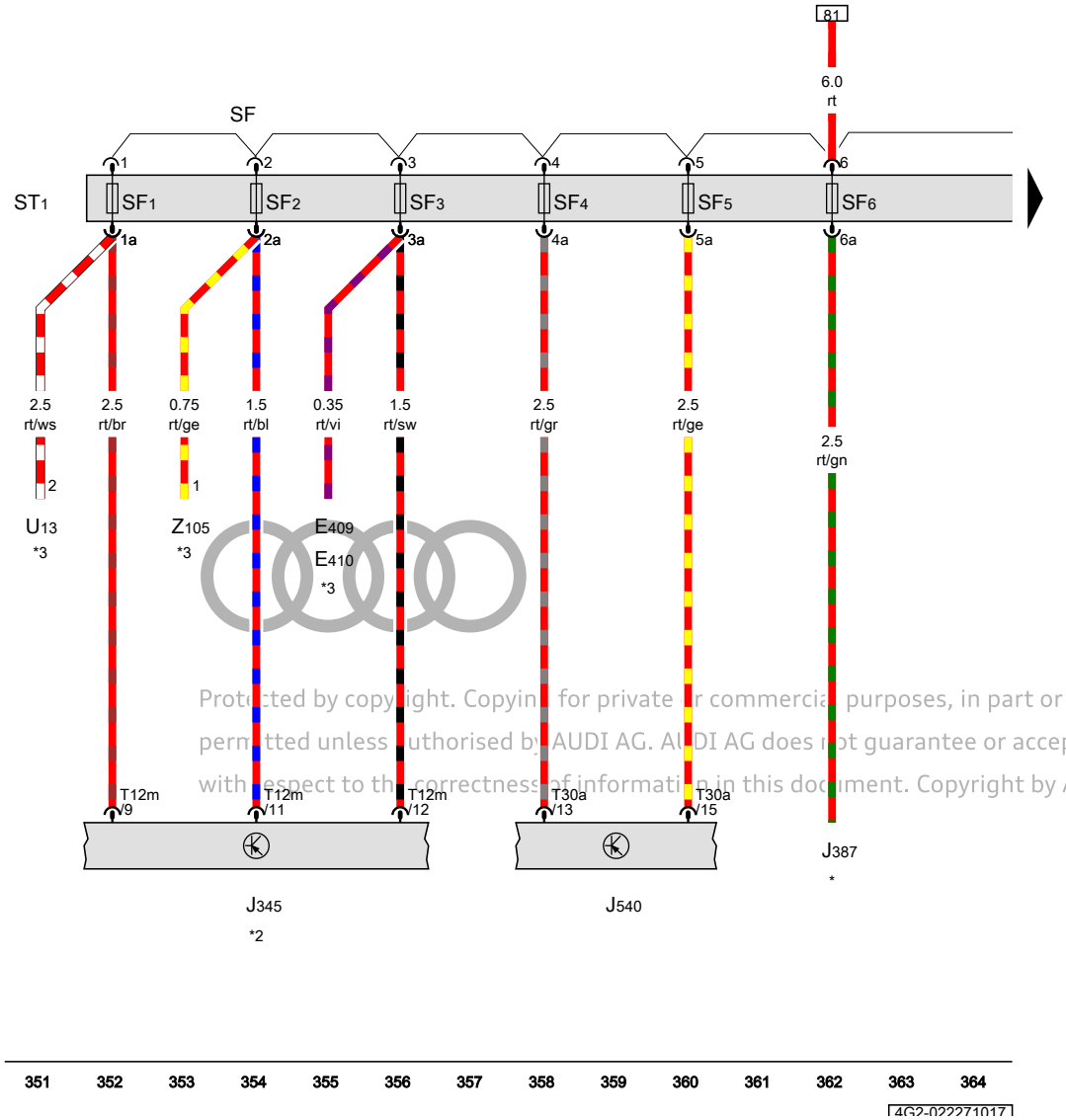


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Positive connection 2 (30a) in main wiring harness

J271	Main relay
J317	Terminal 30 voltage supply relay
J757	Engine component current supply relay
S44	Driver seat adjustment thermal fuse 1, in left A-pillar coupling station
S46	Front passenger seat adjustment thermal fuse 1, in left A-pillar coupling station
S123	ABS control unit fuse 1
B316	Positive connection 2 (30a) in main wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for seat adjustment
*3	Relay carrier on left under dash panel
*4	Threaded connection, in E-box in plenum chamber
*5	see applicable current flow diagram for engine
*6	For models with start/stop system

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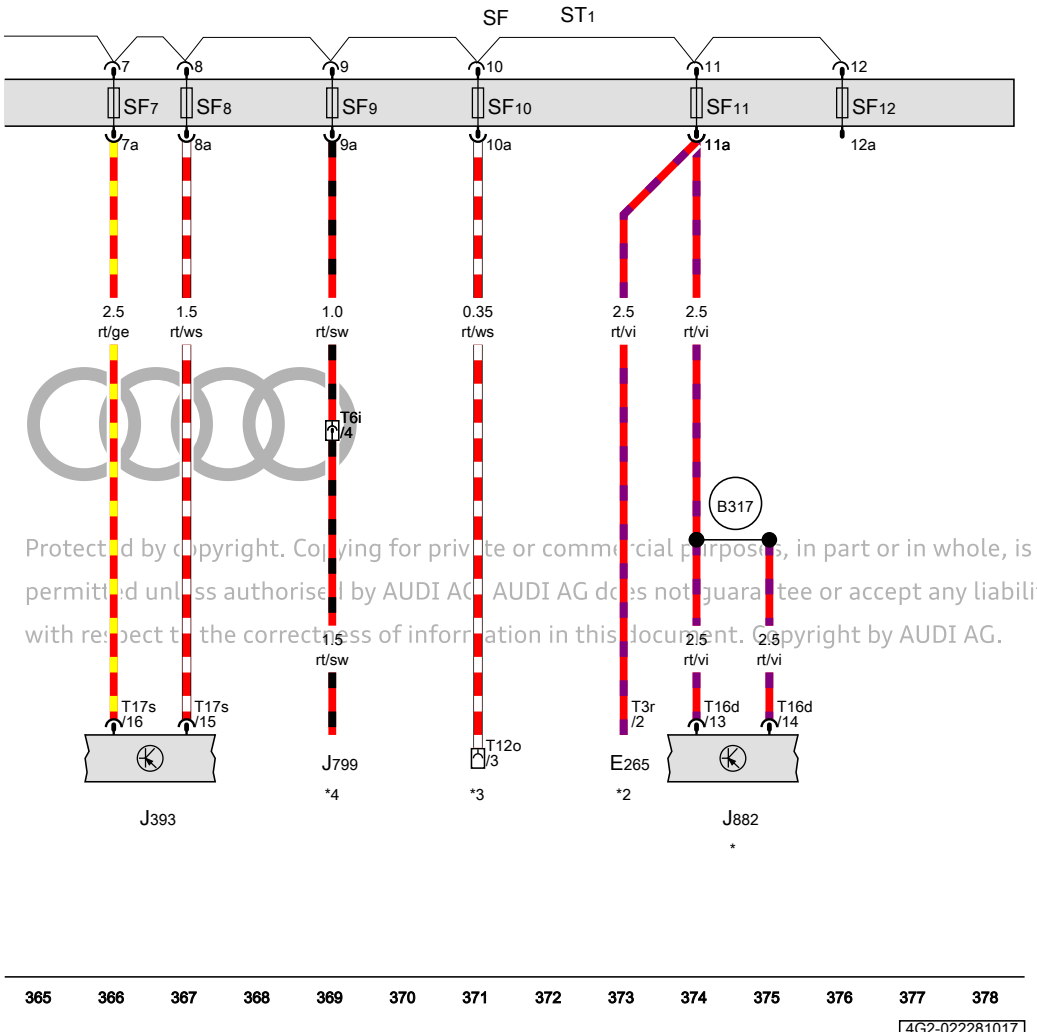


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Fuse holder F, Fuse carrier 1

E409	Rear left seat massage function button
E410	Rear right seat massage function button
J345	Trailer detector control unit
J387	Front passenger door control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T12m	12-pin connector
T30a	30-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
Z105	Cup holder with heater and cooling element
*	see applicable current flow diagram for convenience system
*2	For models with trailer socket
*3	For models with equipment for China

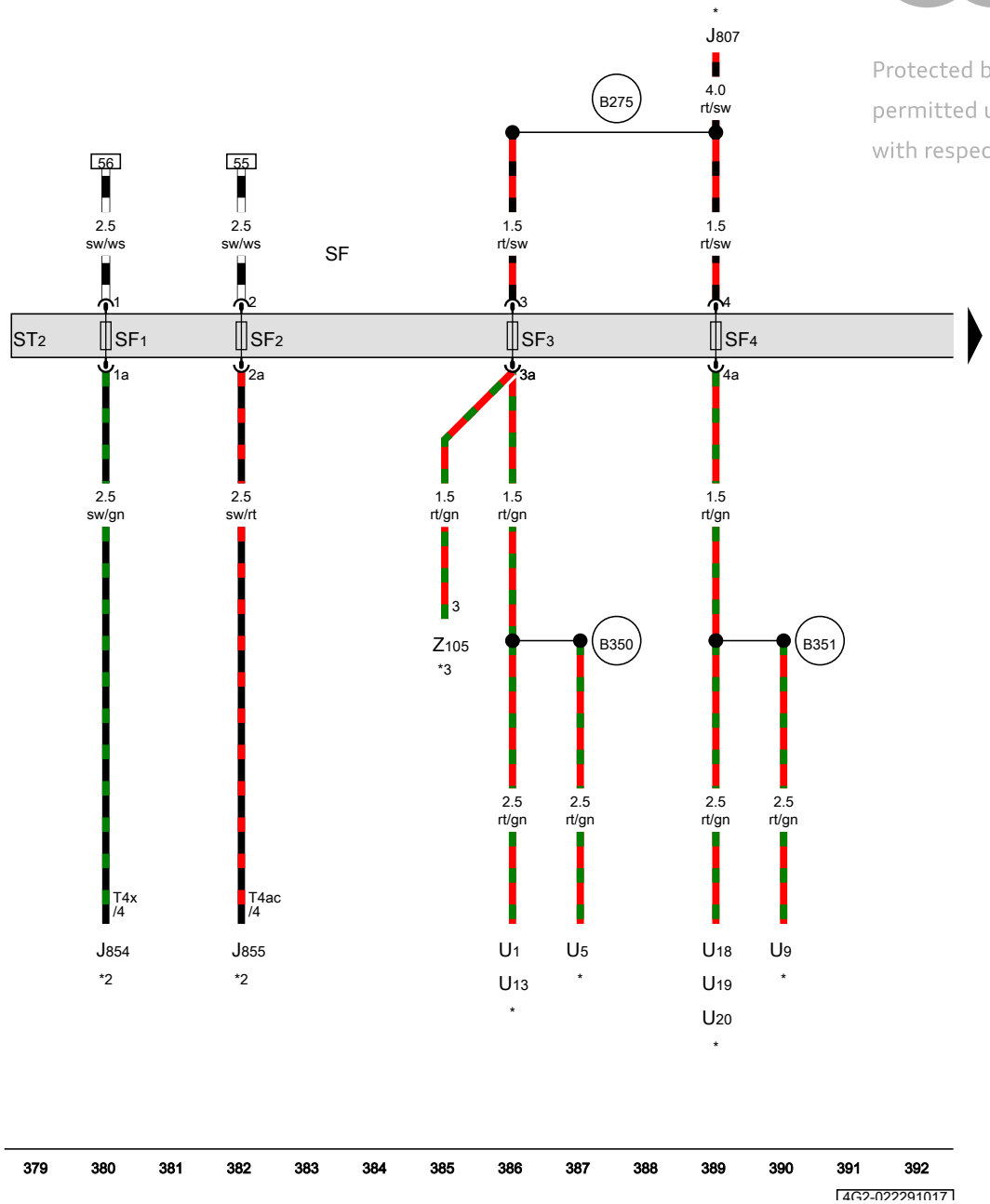


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Fuse holder F, Fuse carrier 1

E265	Operating and display unit for rear air conditioning system
J393	Convenience system central control unit
J799	Control unit for front right seat ventilation
J882	Seat heating control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T3r	3-pin connector
T6i	6-pin connector, in coupling point for front seat, right
T12o	12-pin connector, on right in luggage compartment
T16d	16-pin connector
T17s	17-pin connector
B317	Positive connection 3 (30a) in main wiring harness
*	Automatic air conditioning system, basic Climatronic
*2	Automatic air conditioning system, luxury Climatronic
*3	For models with interface for special functions
*4	For models with seat ventilation

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rt	=	red
br	=	brown
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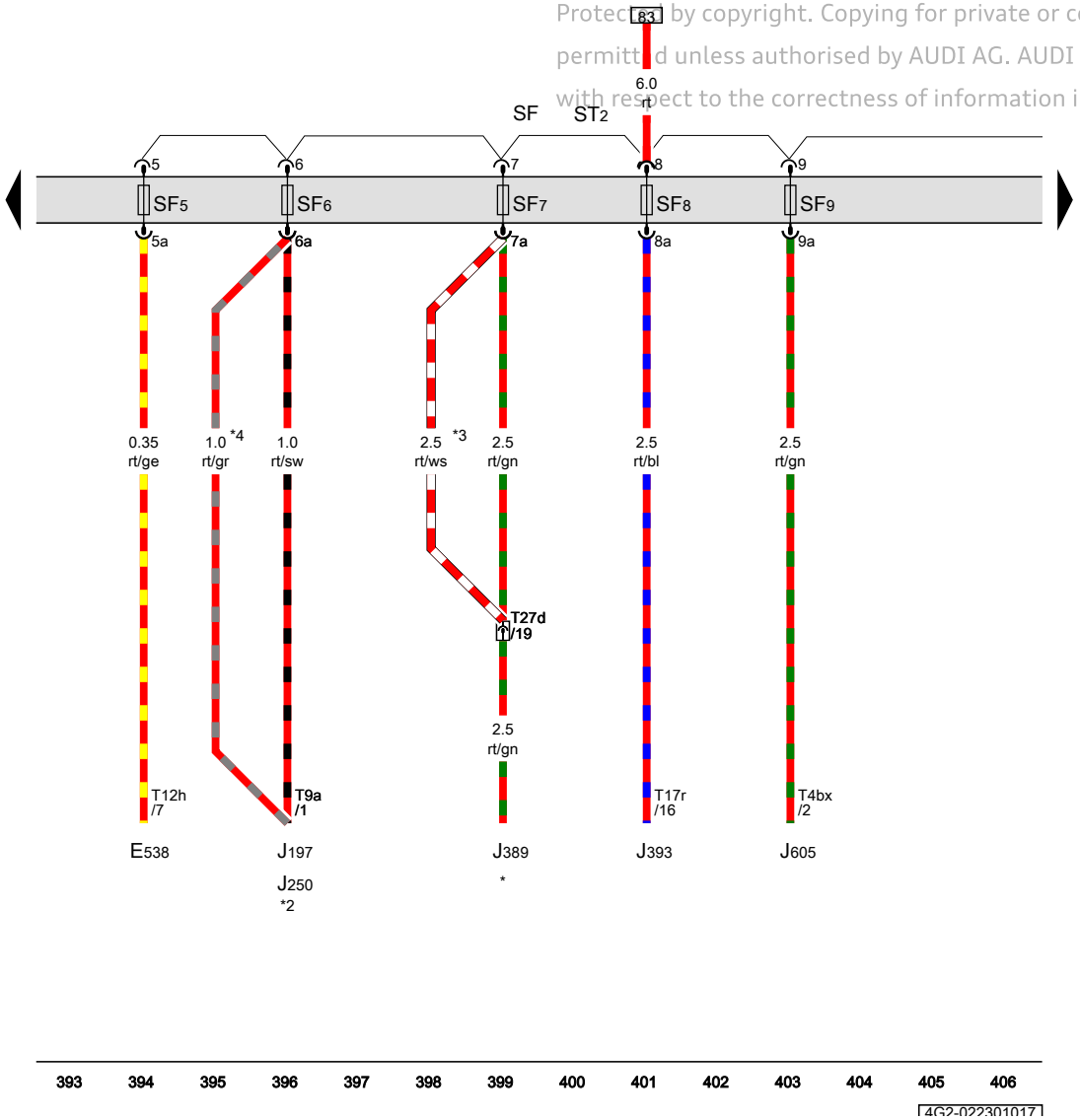
Fuse holder F, Fuse carrier 2

J807	Relay for power sockets
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2, red
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T4ac	4-pin connector
T4x	4-pin connector
U1	Cigarette lighter
U5	12 V socket
U9	Rear cigarette lighter
U13	DC/AC converter with socket, 12 V - 230 V
U18	12 V socket 2
U19	12 V socket 3
U20	12 V socket 4
Z105	Cup holder with heater and cooling element
B275	Positive connection (87), in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for airbag
*3	For models with equipment for China

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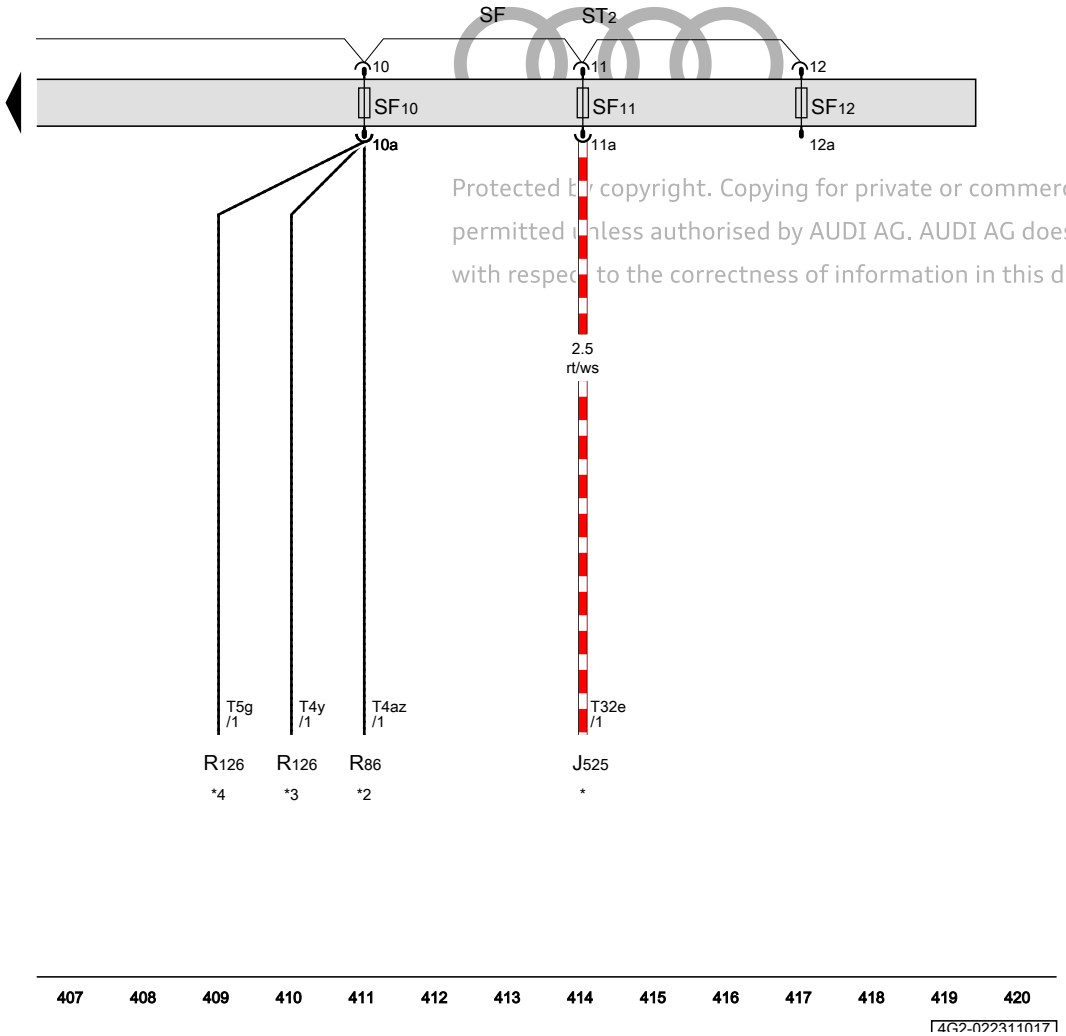
Fuse holder F, Fuse carrier 2

E538	Electromechanical parking brake button
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J605	Rear lid control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T9a	9-pin connector
T12h	12-pin connector
T17r	17-pin connector
T27d	27-pin connector, on right B-pillar
*	see applicable current flow diagram for convenience system
*2	According to equipment
*3	Avant
*4	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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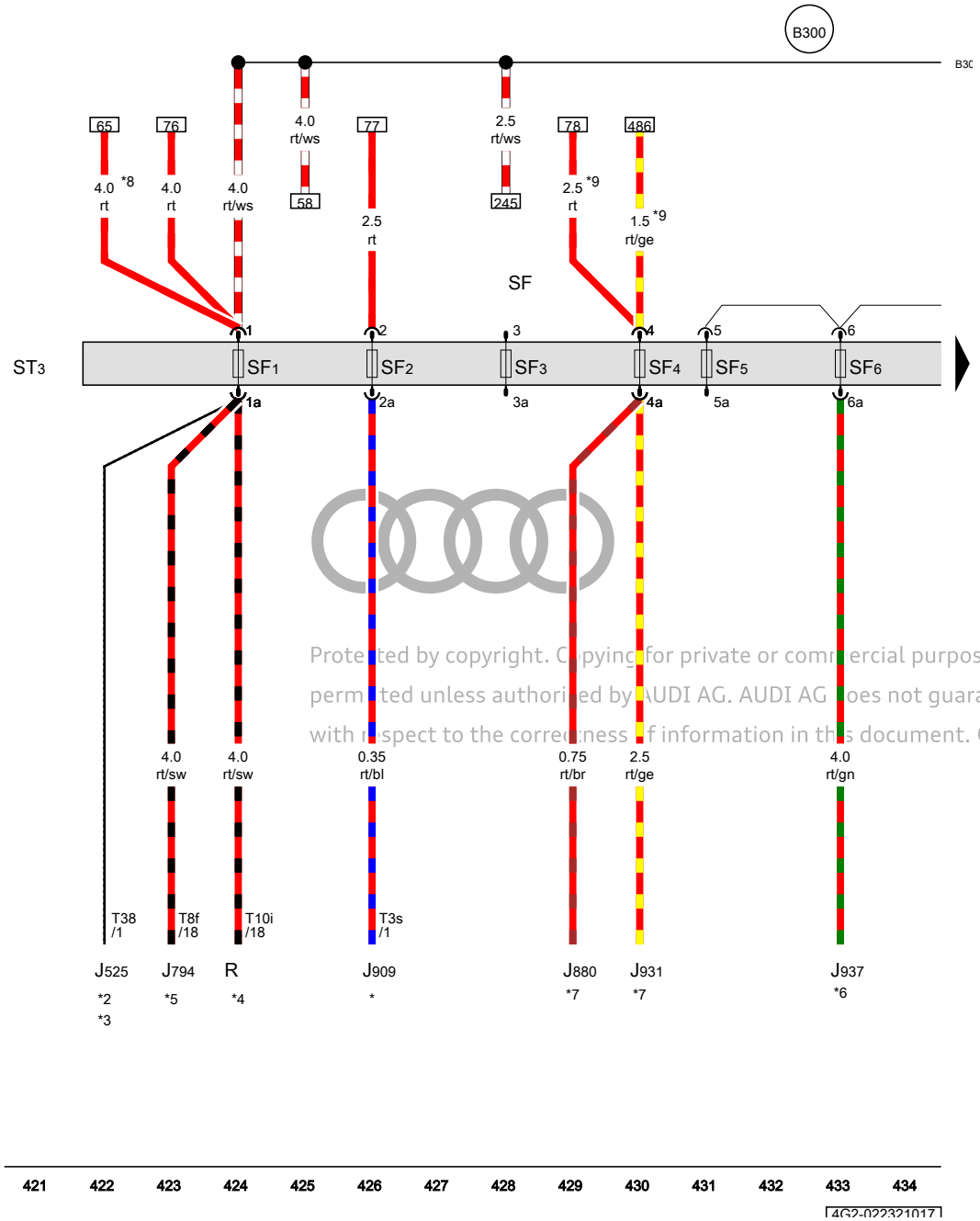
Fuse holder F, Fuse carrier 2

J525	Digital sound package control unit
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T4az	4-pin connector
T4y	4-pin connector
T5g	5-pin connector
T32e	32-pin connector
*	For models with Bang & Olufsen sound system
*2	Not for American markets
*3	For models with preparation for mobile telephone
*4	For models with Bluetooth



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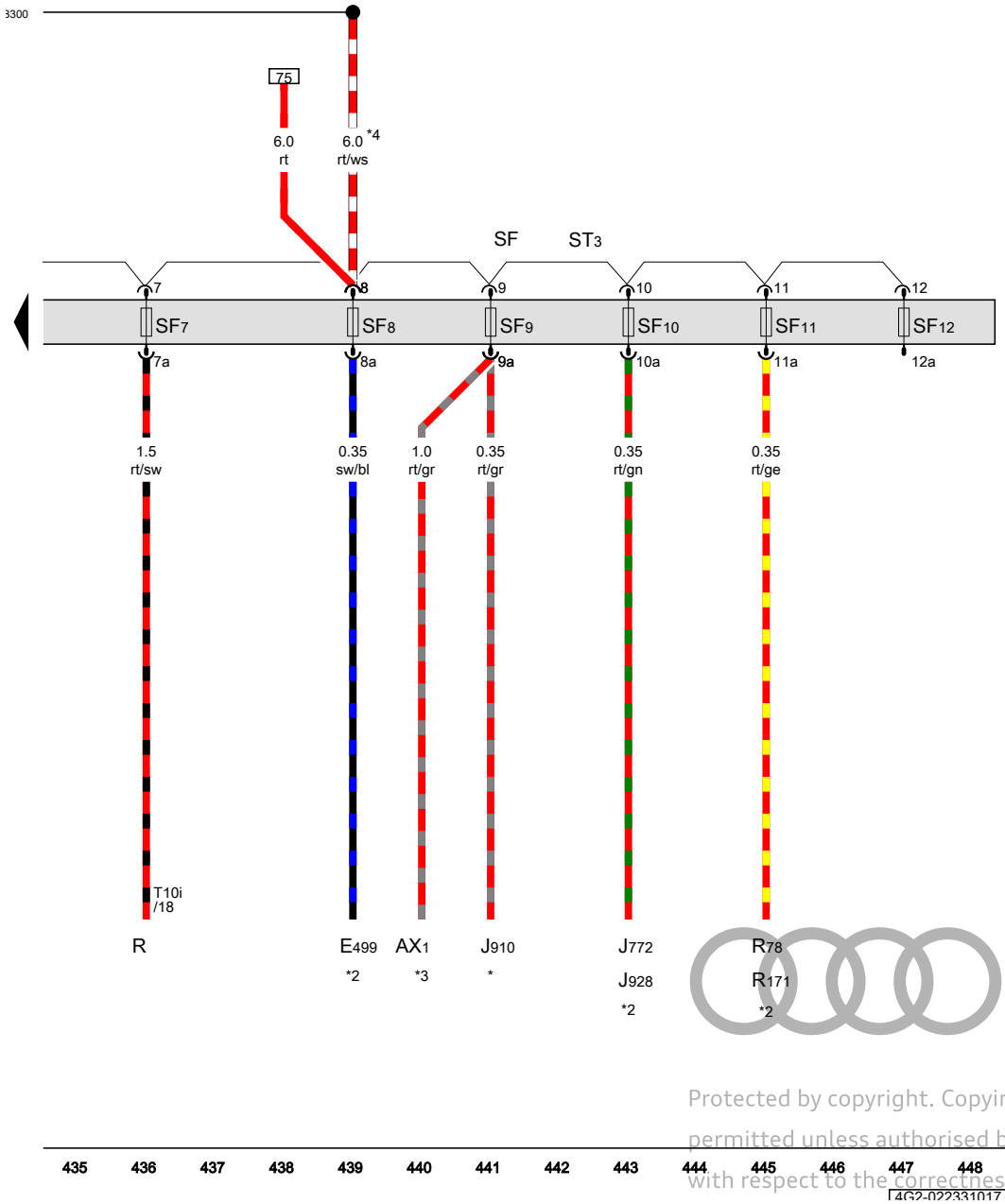


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Fuse holder F, Fuse carrier 3

J525	Digital sound package control unit
J794	Control unit 1 for information electronics
J880	Control unit for reducing agent metering system
J909	Control unit for fuel tank leak detection
J931	Power unit mounting control unit
J937	Fan enabling relay
R	Radio
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3, brown
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T3s	3-pin connector
T8f	8-pin connector
T10i	10-pin connector
T38	38-pin connector
B300	Positive connection 4 (30), in main wiring harness
*	For American markets
*2	For models with BOSE sound system
*3	For models with Bang & Olufsen sound system
*4	For models with Audi sound system
*5	see applicable current flow diagram
*6	For models with hybrid drive system
*7	see applicable current flow diagram for engine
*8	For models with 400 W voltage stabiliser
*9	According to equipment

ws	=	white
sw	=	black
ro	=	red
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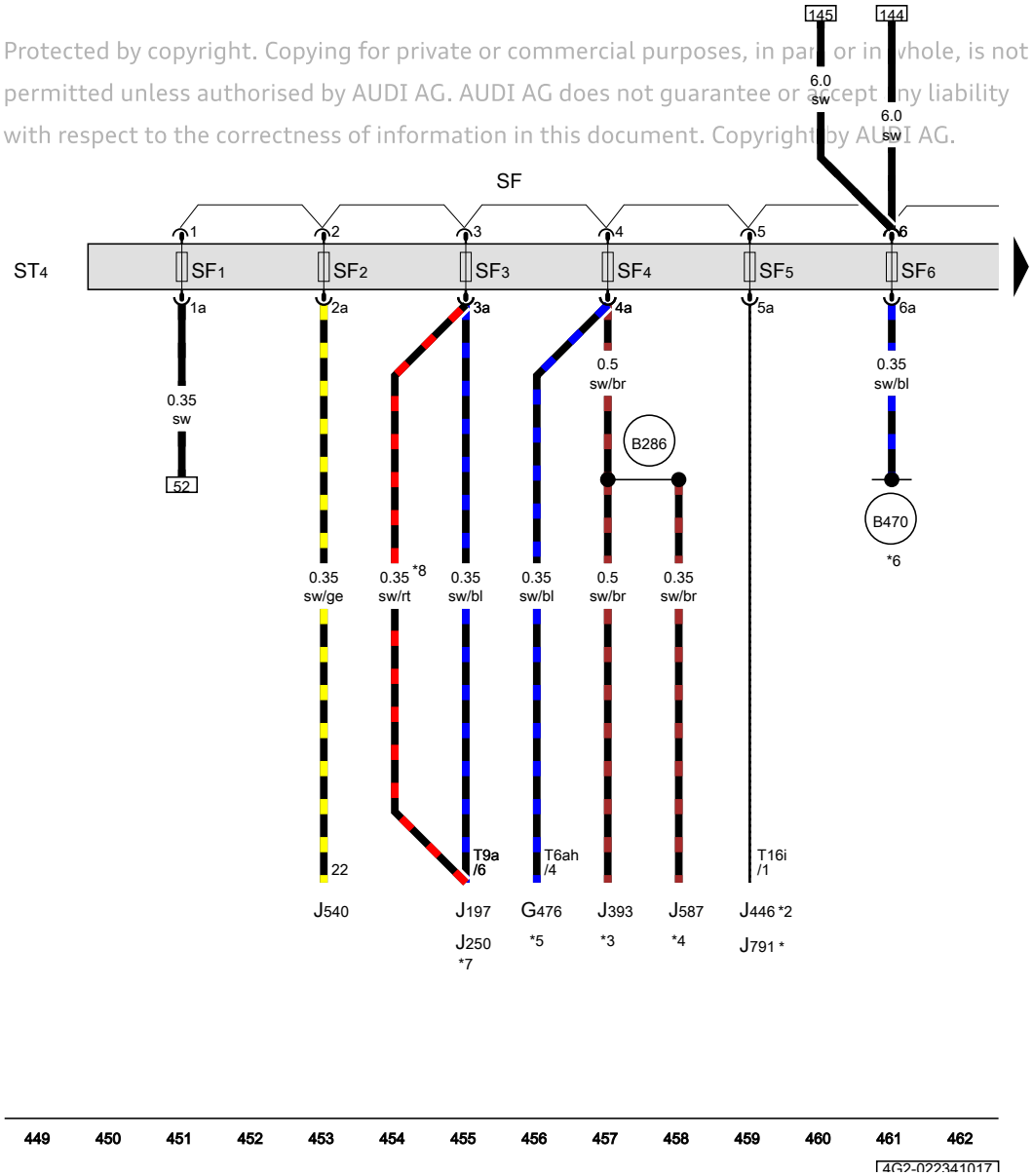
Fuse holder F, Fuse carrier 3

AX1	Hybrid battery unit
E499	Multimedia system operating unit 2
J772	Reversing camera system control unit
J910	Relay for automatic anti-dazzle interior mirror
J928	Control unit for overhead view camera
R	Radio
R78	TV tuner
R171	Digital TV tuner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST3	Fuse carrier 3, brown
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T10i	10-pin connector
B300	Positive connection 4 (30), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment
*3	For models with hybrid drive system
*4	For models with start/stop system

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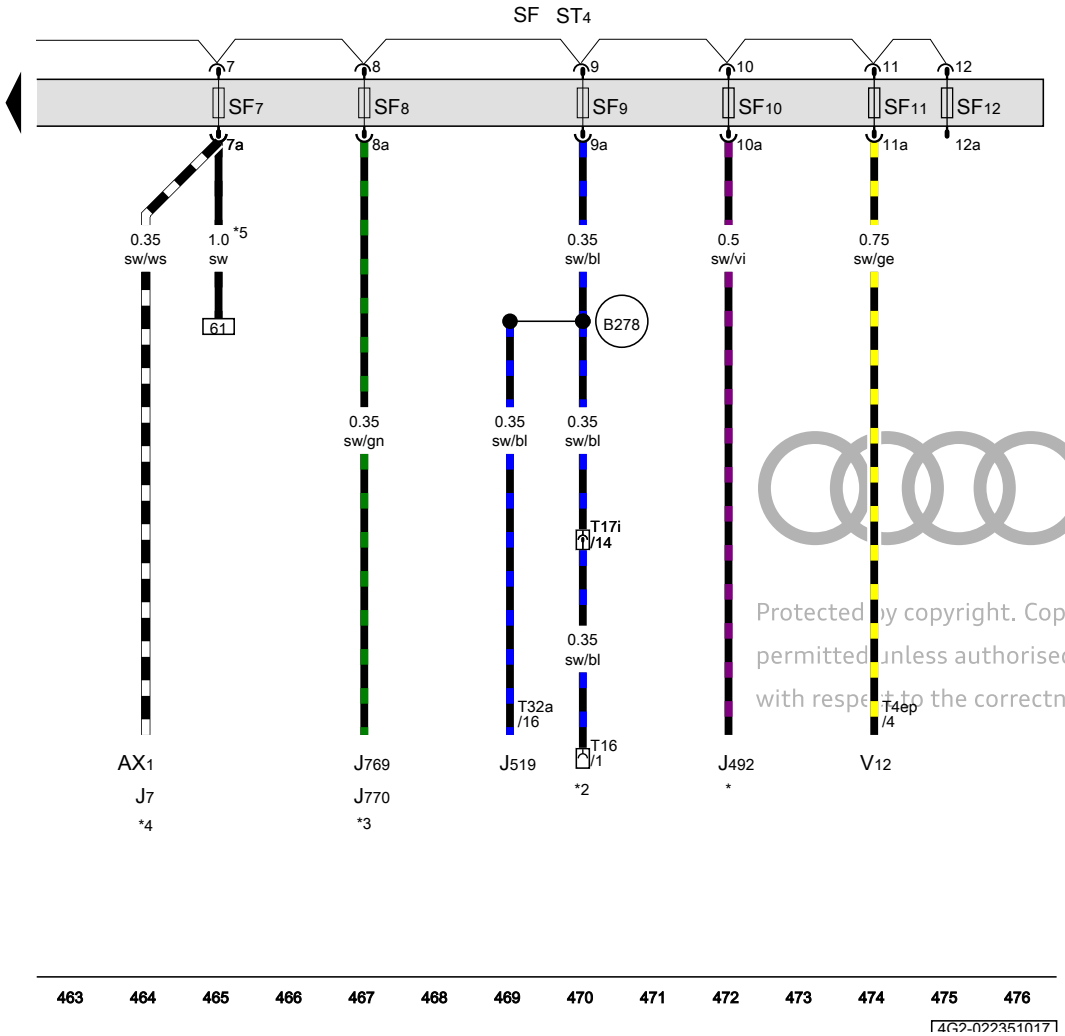
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Fuse holder F, Fuse carrier 4

G476	Clutch position sender
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J393	Convenience system central control unit
J446	Parking aid control unit
J540	Control unit for electromechanical parking brake
J587	Selector lever sensors control unit
J791	Park assist steering control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4, green
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T6ah	6-pin connector
T9a	9-pin connector
T16i	16-pin connector
B286	Positive connection 10 (15a) in main wiring harness
B470	Connection 6, in main wiring harness
*	For models with park assist steering
*2	For models with parking aid (PDC)
*3	see applicable current flow diagram for convenience system
*4	see applicable current flow diagram for automatic gearbox
*5	see applicable current flow diagram for engine
*6	see applicable current flow diagram for multimedia system
*7	According to equipment
*8	From June 2011

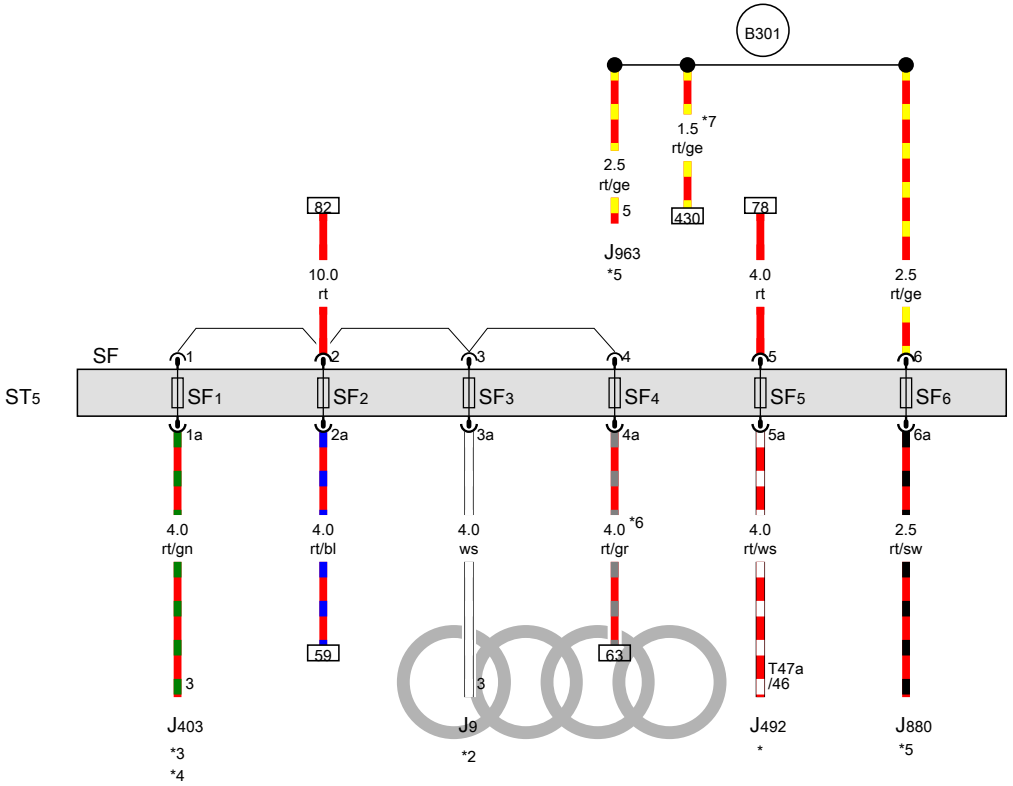


Fuse holder F, Fuse carrier 4

AX1	Hybrid battery unit
J7	Battery isolation relay
J492	All-wheel drive control unit
J519	Onboard supply control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST4	Fuse carrier 4, green
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T4ep	4-pin connector
T16	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
V12	Rear window wiper motor
B278	Positive connection 2 (15a) in main wiring harness
*	For models with all-wheel drive
*2	Diagnostic connection
*3	see applicable current flow diagram for lane change assist
*4	For models with hybrid drive system
*5	Cross section depends on equipment

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Fuse holder F, Fuse carrier 5

J9	Heated rear window relay
J403	Adaptive suspension compressor relay
J492	All-wheel drive control unit
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5, black
SF6	Fuse 6 in fuse holder F
T47a	47-pin connector
B301	Positive connection 5 (30), in main wiring harness
*	For models with all-wheel drive
*2	see applicable current flow diagram for basic equipment
*3	For models with adaptive suspension
*4	see applicable current flow diagram
*5	see applicable current flow diagram for engine
*6	For models with 400 W voltage stabiliser
*7	According to equipment

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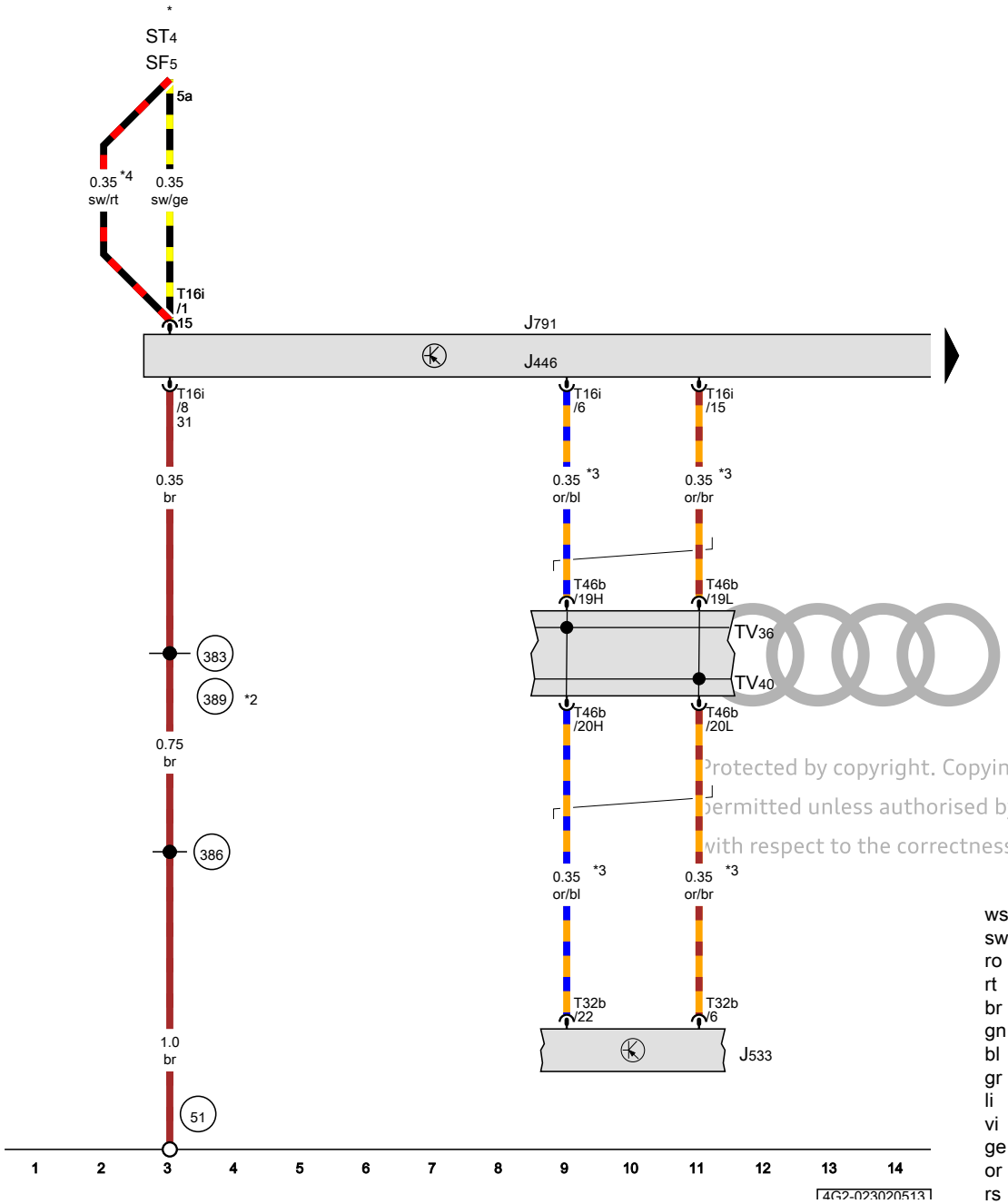
477 478 479 480 481 482 483 484 485 486 487 488 489 490

4G2-022361017

Parking aid (PDC) with park assist steering (Park Assist)

From January 2011

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Parking aid control unit, Data bus diagnostic interface, Park assist steering control unit

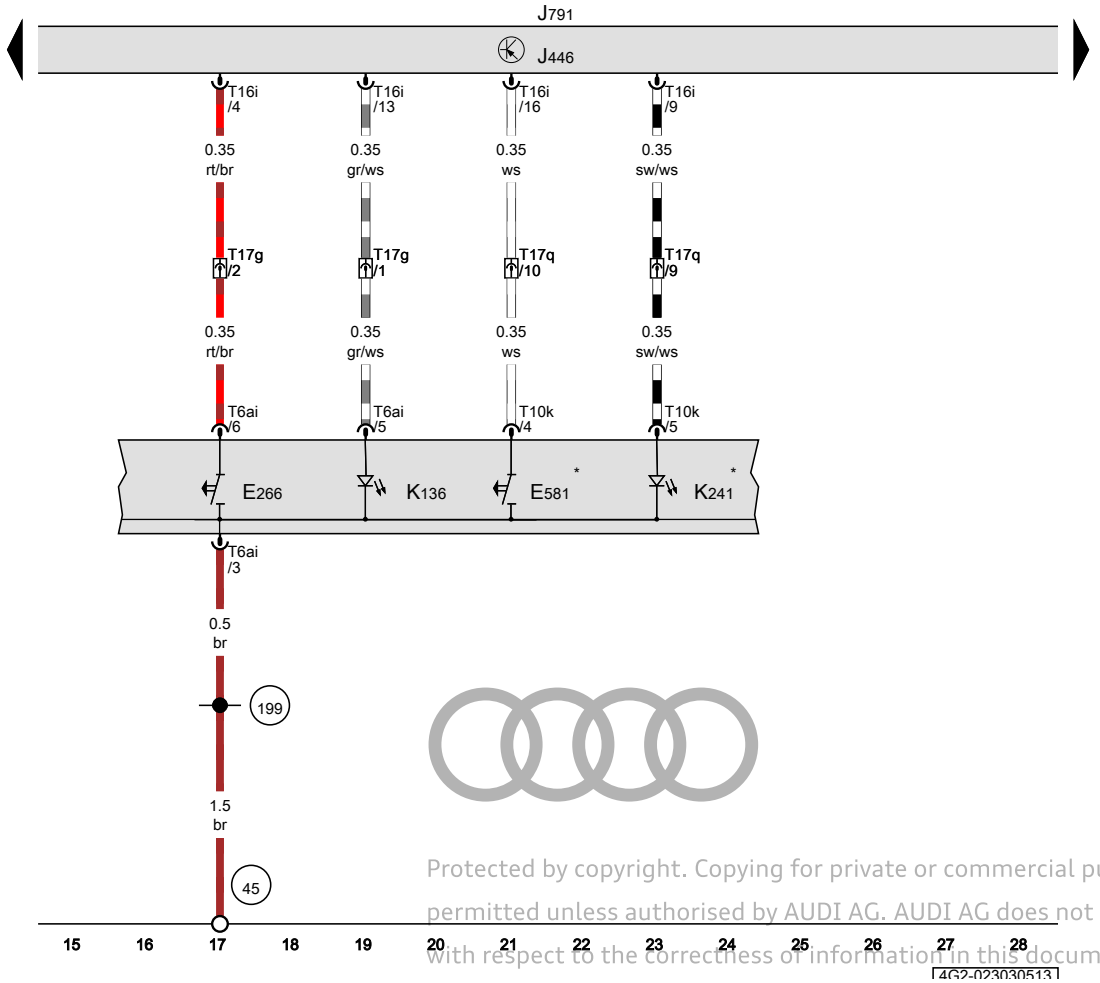
J446	Parking aid control unit
J533	Data bus diagnostic interface
J791	Park assist steering control unit
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
T16i	16-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Data bus wire (CAN bus)
*4	From June 2011

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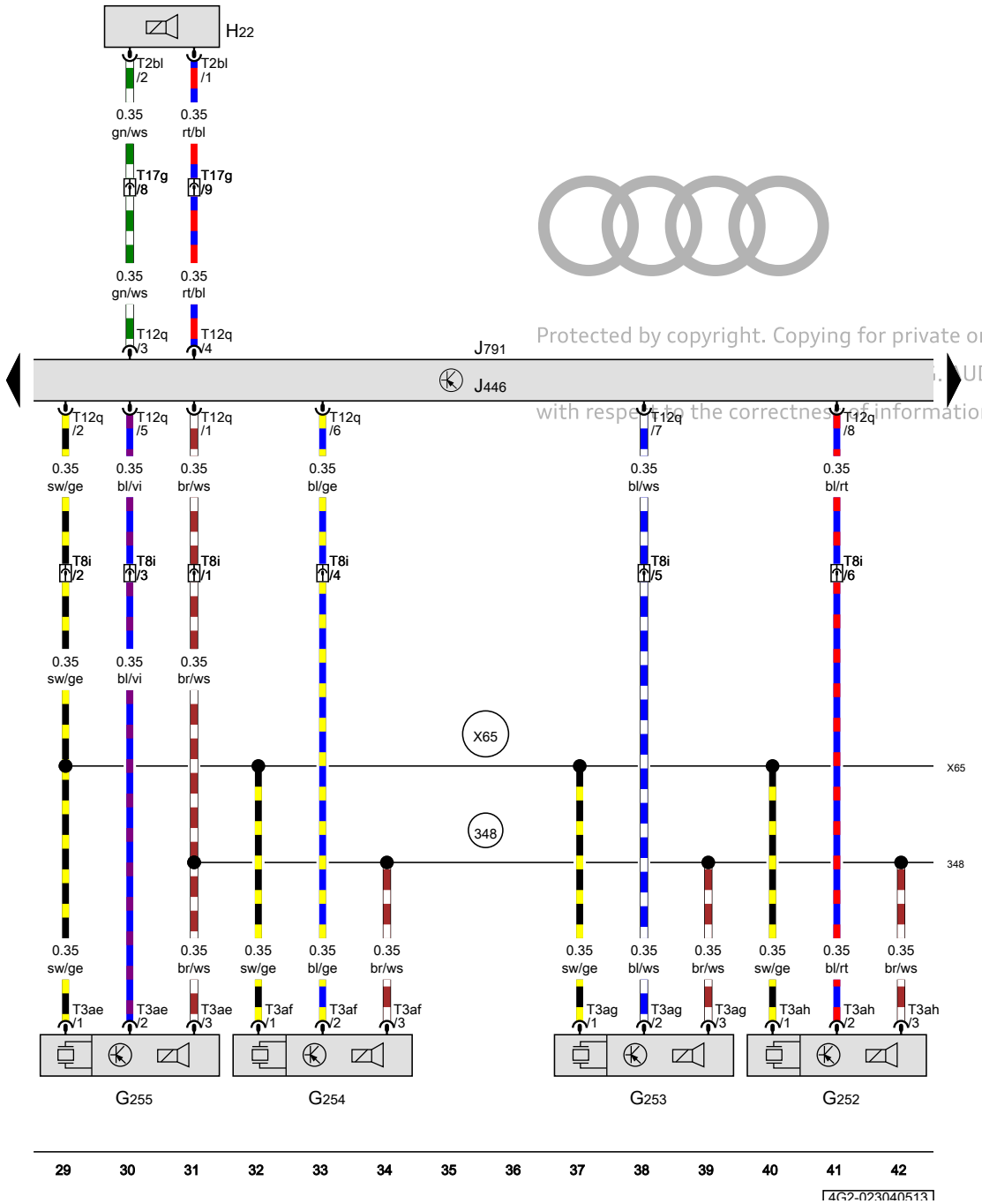
Parking aid button, Park assist steering button, Parking aid control unit, Park assist steering control unit, Parking aid warning lamp, Warning light for park assist steering

E266	Parking aid button
E581	Park assist steering button
J446	Parking aid control unit
J791	Park assist steering control unit
K136	Parking aid warning lamp
K241	Warning light for park assist steering
T6ai	6-pin connector
T10k	10-pin connector
T16i	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T17q	17-pin connector, in right A-pillar coupling station
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	Only models with park assist steering



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sw	=	black
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rt	=	red
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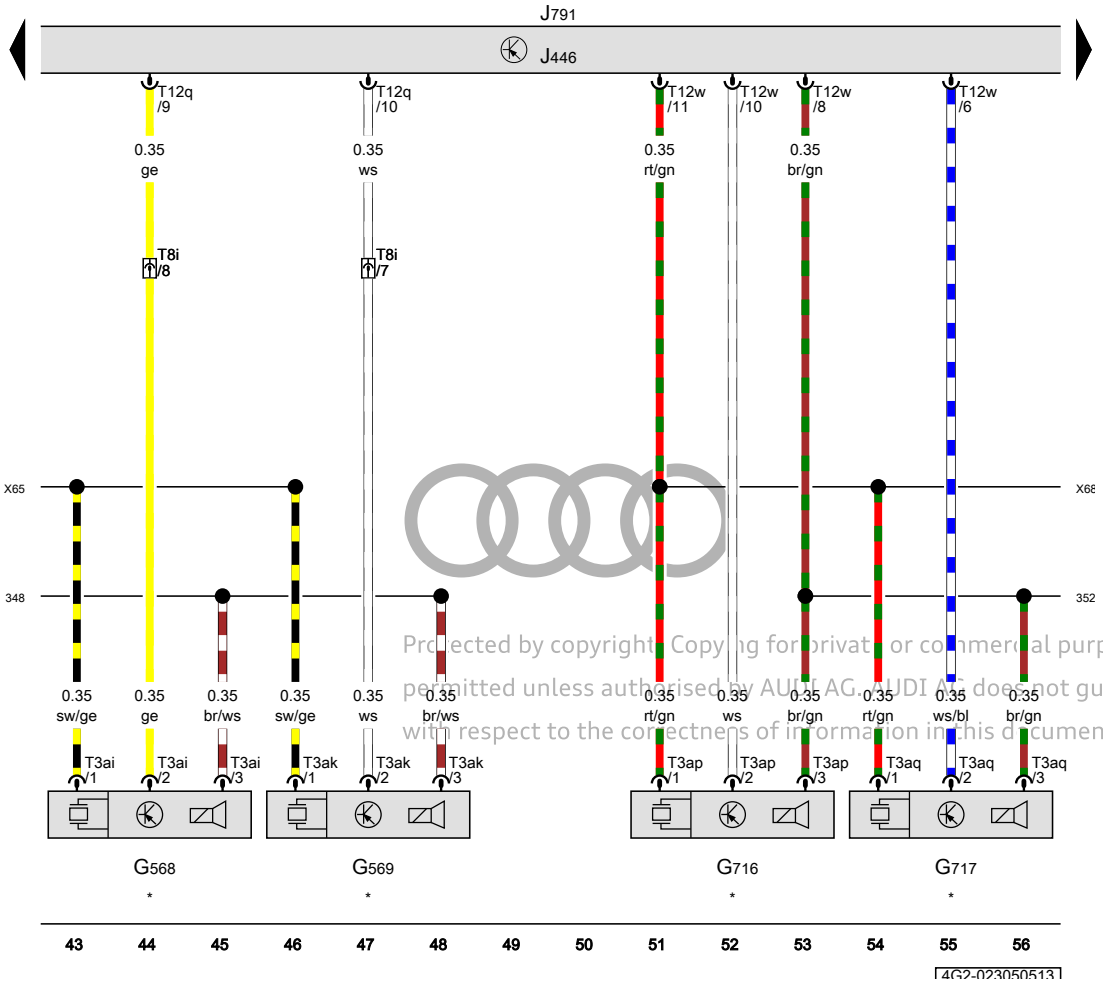
Front right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front parking aid warning buzzer, Parking aid control unit, Park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
H22	Front parking aid warning buzzer
J446	Parking aid control unit
J791	Park assist steering control unit
T2bl	2-pin connector
T3ae	3-pin connector
T3af	3-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T8i	8-pin connector, behind front bumper on right
T12q	12-pin connector
T17g	17-pin connector, in left A-pillar coupling station
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness

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Front left sender for park assist steering on left side of vehicle, Rear left park assist steering sender, Parking aid control unit, Park assist steering control unit

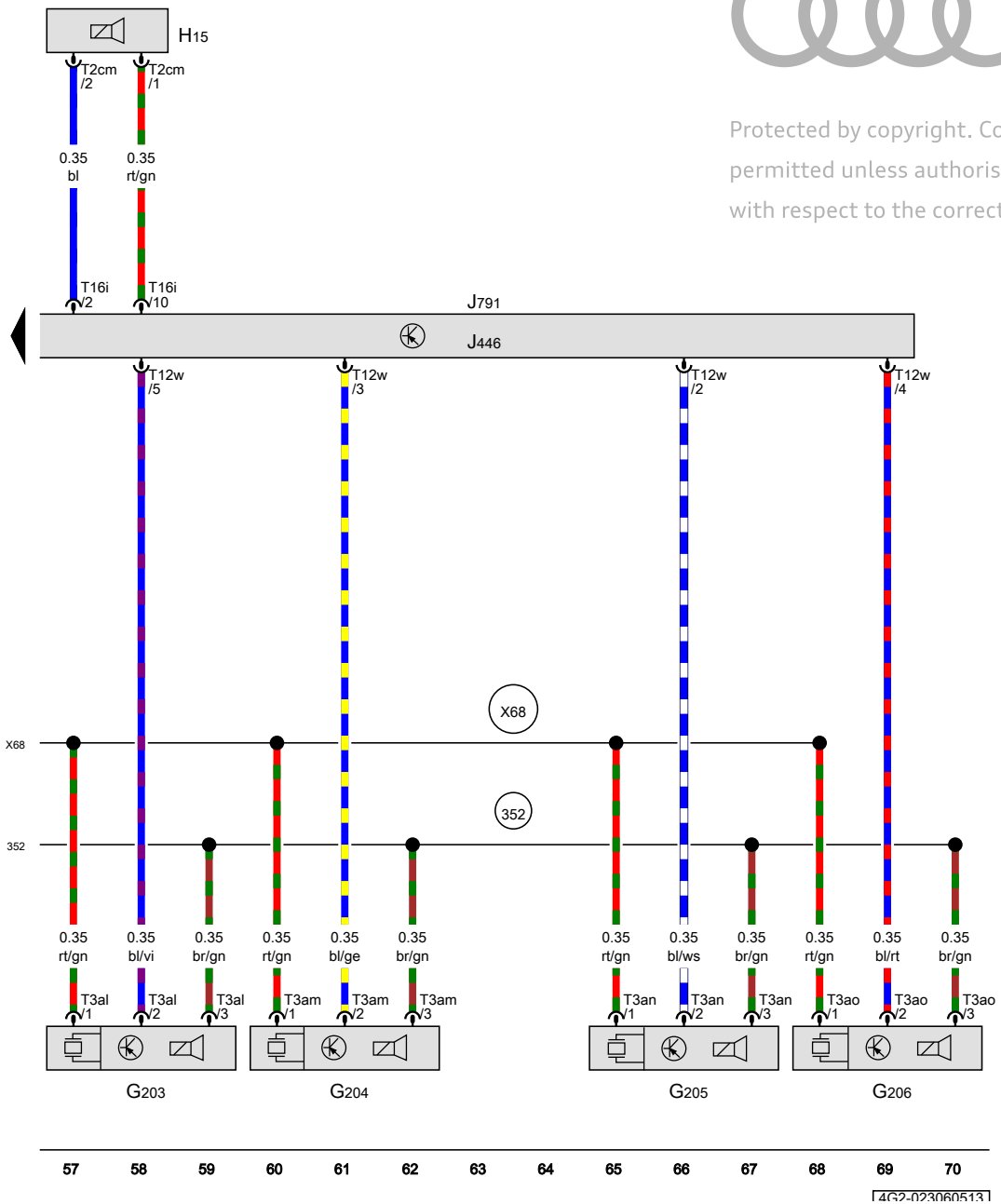
G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
G716	Rear left park assist steering sender
G717	Rear right park assist steering sender
J446	Parking aid control unit
J791	Park assist steering control unit
T3ai	3-pin connector
T3ak	3-pin connector
T3ap	3-pin connector
T3aq	3-pin connector
T8i	8-pin connector, behind front bumper on right
T12q	12-pin connector
T12w	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
352	Earth connection (parking aid), in rear bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness
*	Only models with park assist steering



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Rear centre left parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit, Park assist steering control unit

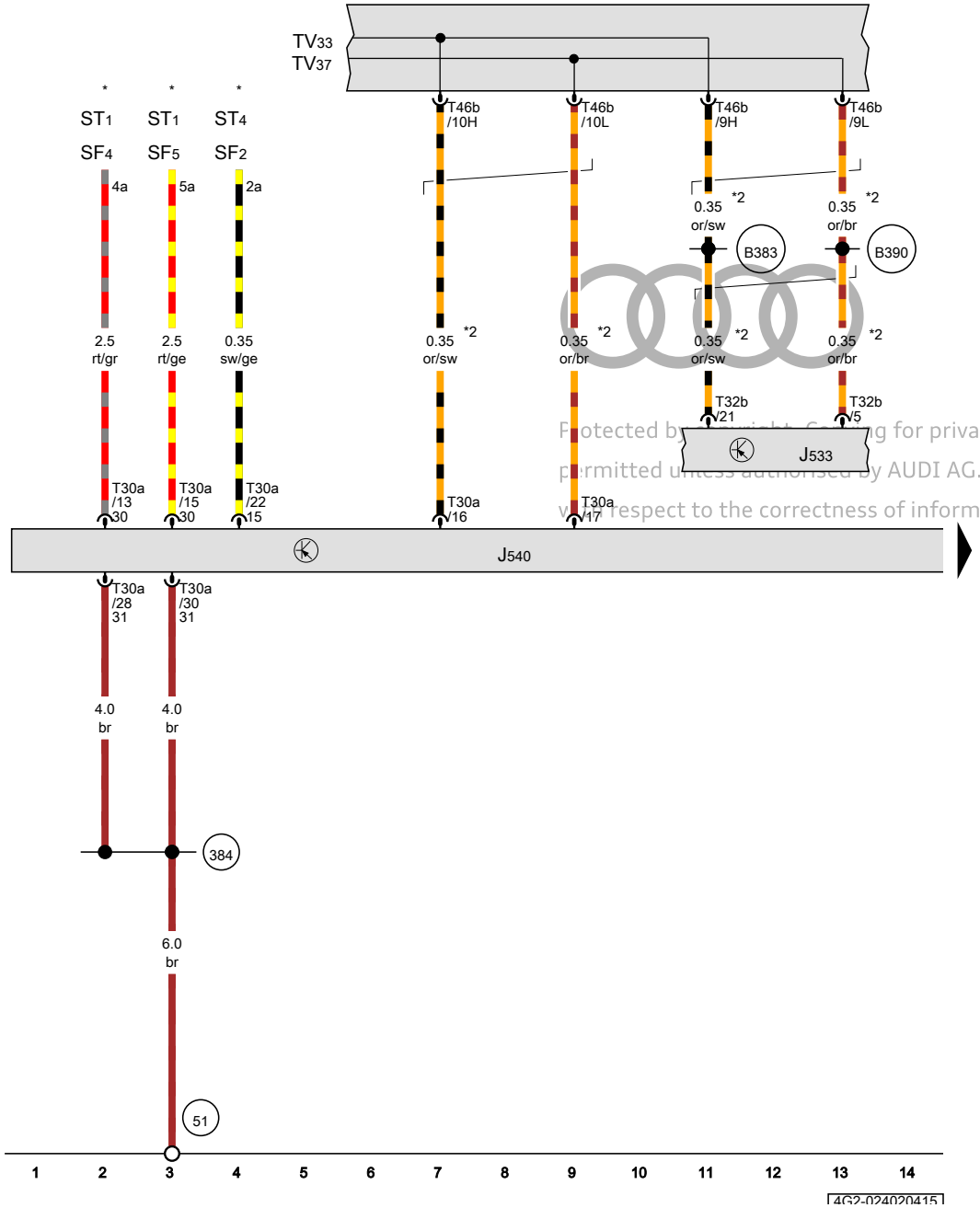
G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J446	Parking aid control unit
J791	Park assist steering control unit
T2cm	2-pin connector
T3al	3-pin connector
T3am	3-pin connector
T3an	3-pin connector
T3ao	3-pin connector
T12w	12-pin connector
T16i	16-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness

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Electromechanical parking brake

From January 2011

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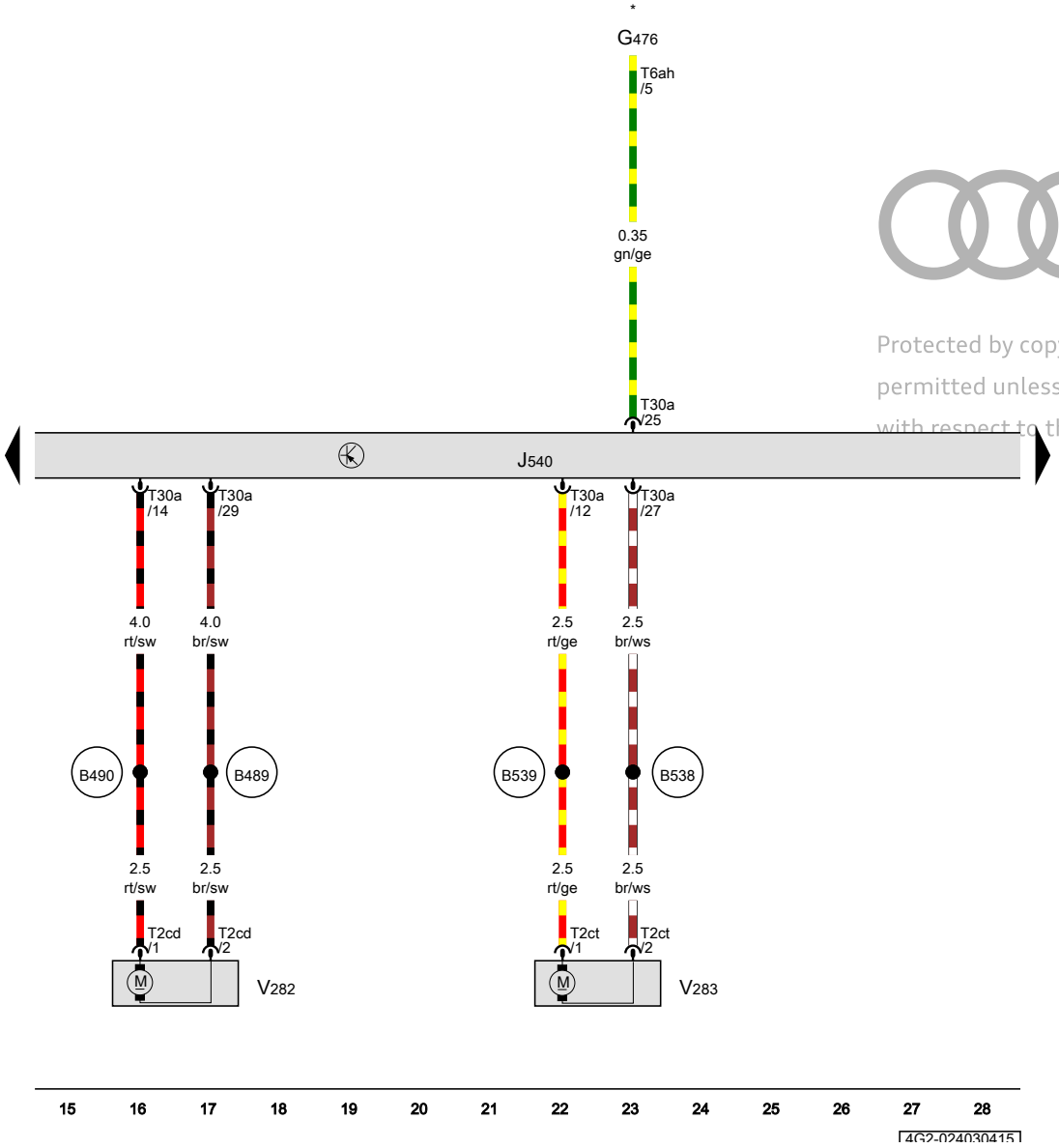
Control unit for electromechanical parking brake, Wiring junction for powertrain CAN bus, low

J533	Data bus diagnostic interface
J540	Control unit for electromechanical parking brake
ST1	Fuse carrier 1
SF2	Fuse 2 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
T30a	30-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Clutch position sender, Control unit for electromechanical parking brake, Left parking brake motor, Right parking brake motor

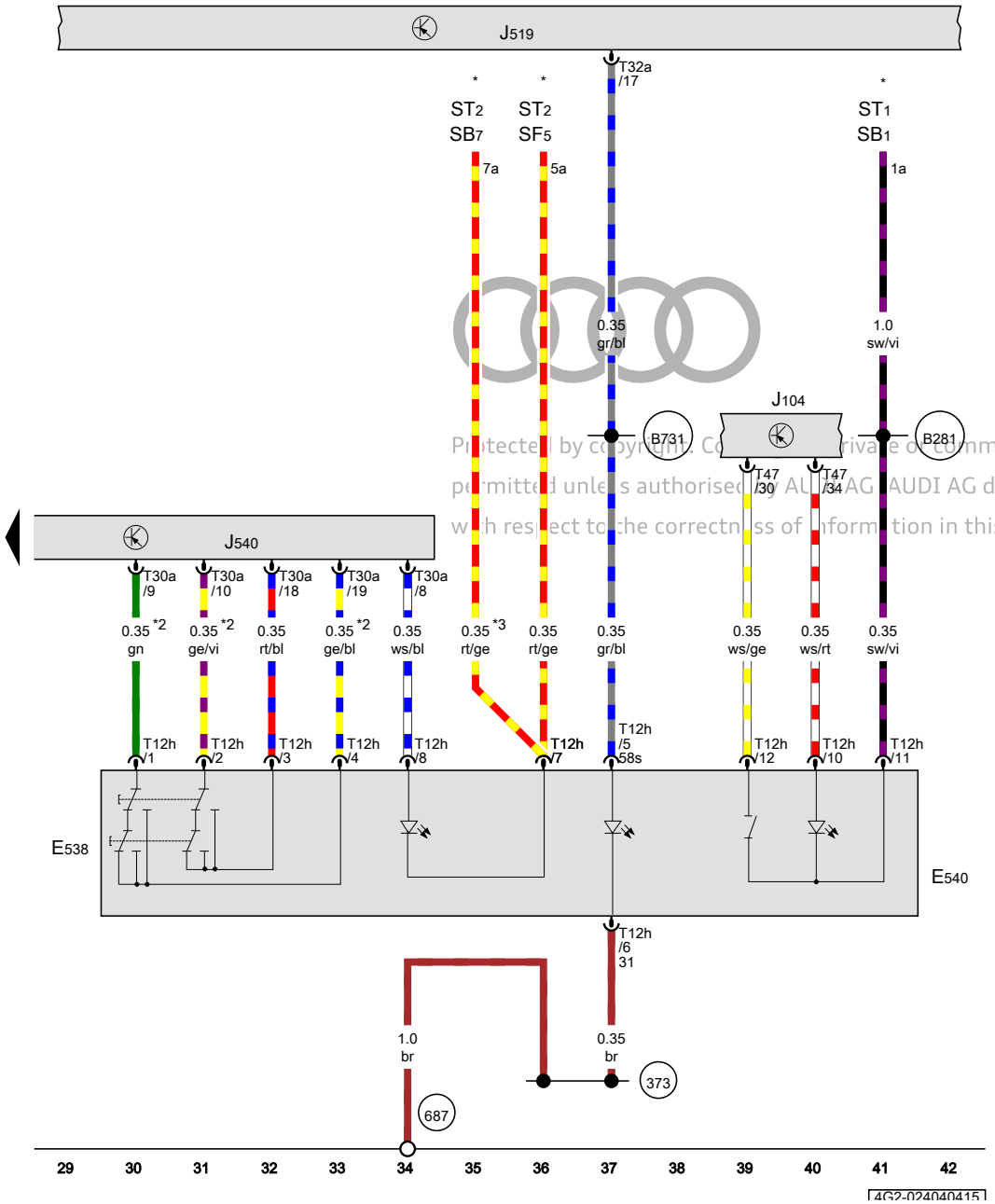
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
T2cd	2-pin connector
T2ct	2-pin connector
T6ah	6-pin connector
T30a	30-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
B538	Connection 29, in main wiring harness
B539	Connection 30, in main wiring harness
*	see applicable current flow diagram for engine



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Electromechanical parking brake button, Auto-hold button, Onboard supply control unit, Control unit for electromechanical parking brake



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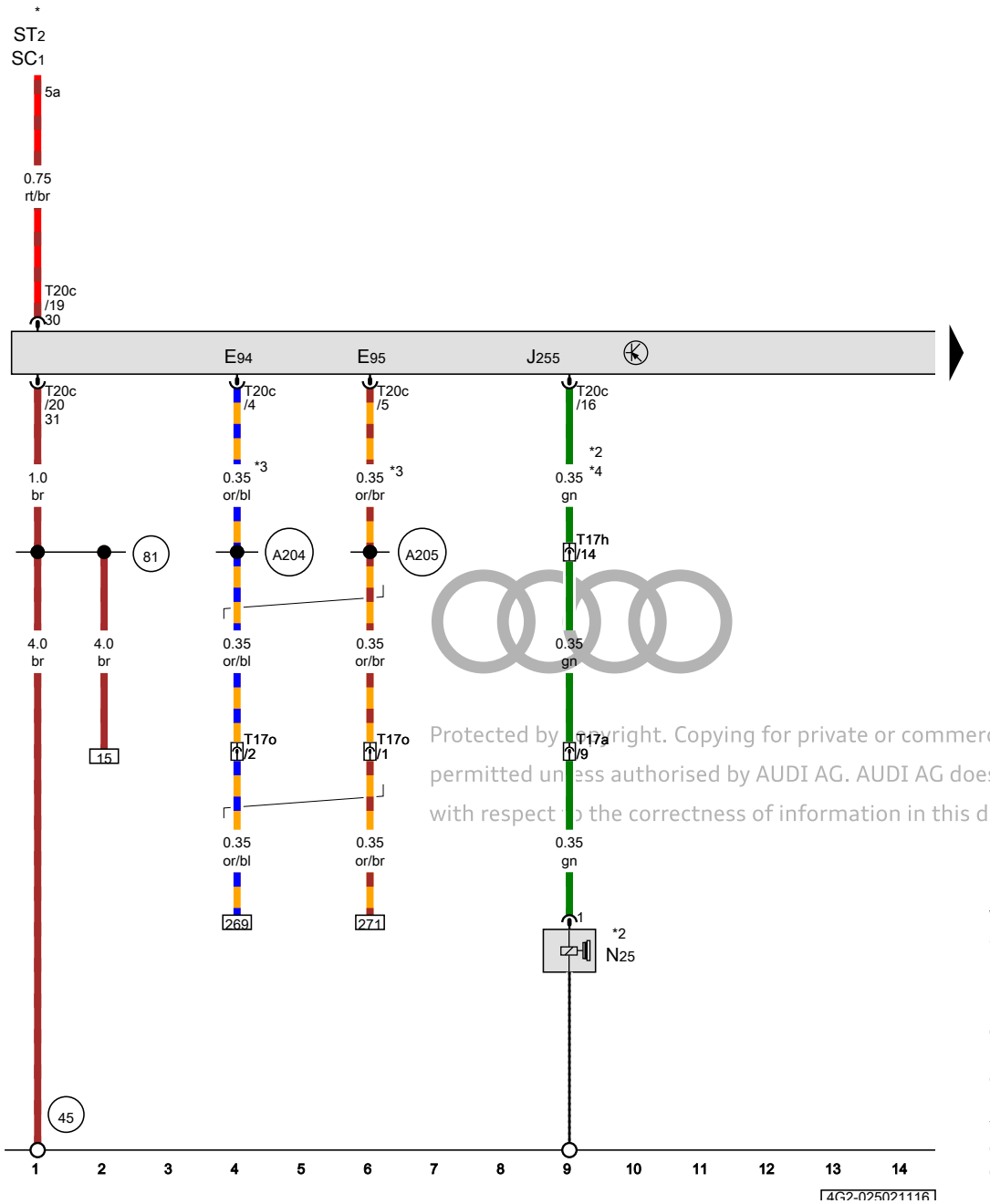
E538	Electromechanical parking brake button
E540	Auto-hold button
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
SB7	Fuse 7 on fuse holder B
T12h	12-pin connector
T30a	30-pin connector
T32a	32-pin connector
T47	47-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wiring colour depends on equipment
*3	From June 2014

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Automatic air conditioning system, luxury Climatronic , (9AQ)

From January 2011

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Climatronic control unit, Air conditioning system magnetic clutch

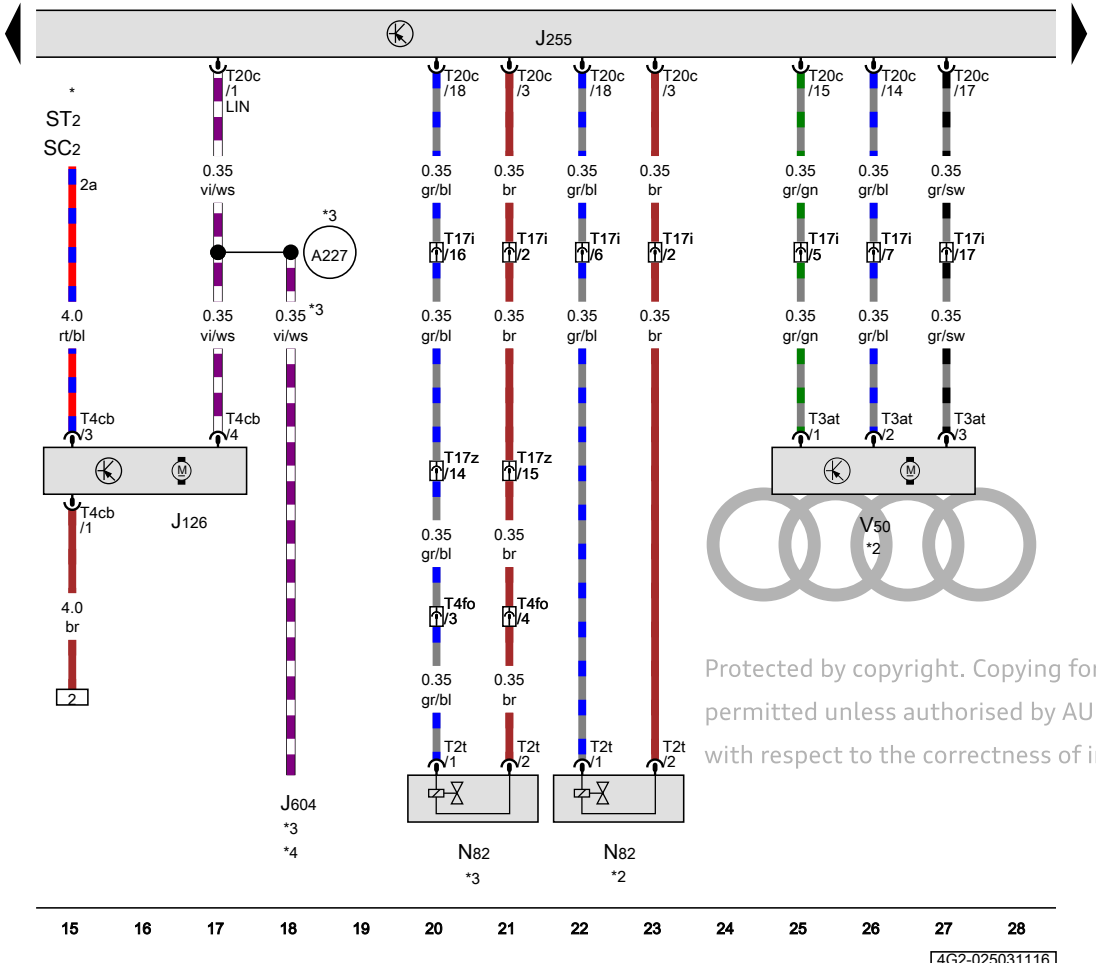
E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J255	Climatronic control unit
N25	Air conditioning system magnetic clutch
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station
T20c	20-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Data bus wire (CAN bus)
*4	From September 2013

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Fresh air blower control unit, Climatronic control unit, Coolant shut-off valve, Coolant circulation pump

J126	Fresh air blower control unit
J255	Climatronic control unit
J604	Auxiliary air heater control unit
N82	Coolant shut-off valve
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T2t	2-pin connector
T3at	3-pin connector
T4cb	4-pin connector
T4fo	4-pin connector, on left in engine compartment
T17i	17-pin connector, in left A-pillar coupling station
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber
T20c	20-pin connector
V50	Coolant circulation pump
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no auxiliary heater
*3	Only models with hybrid drive system
*4	see applicable current flow diagram for engine



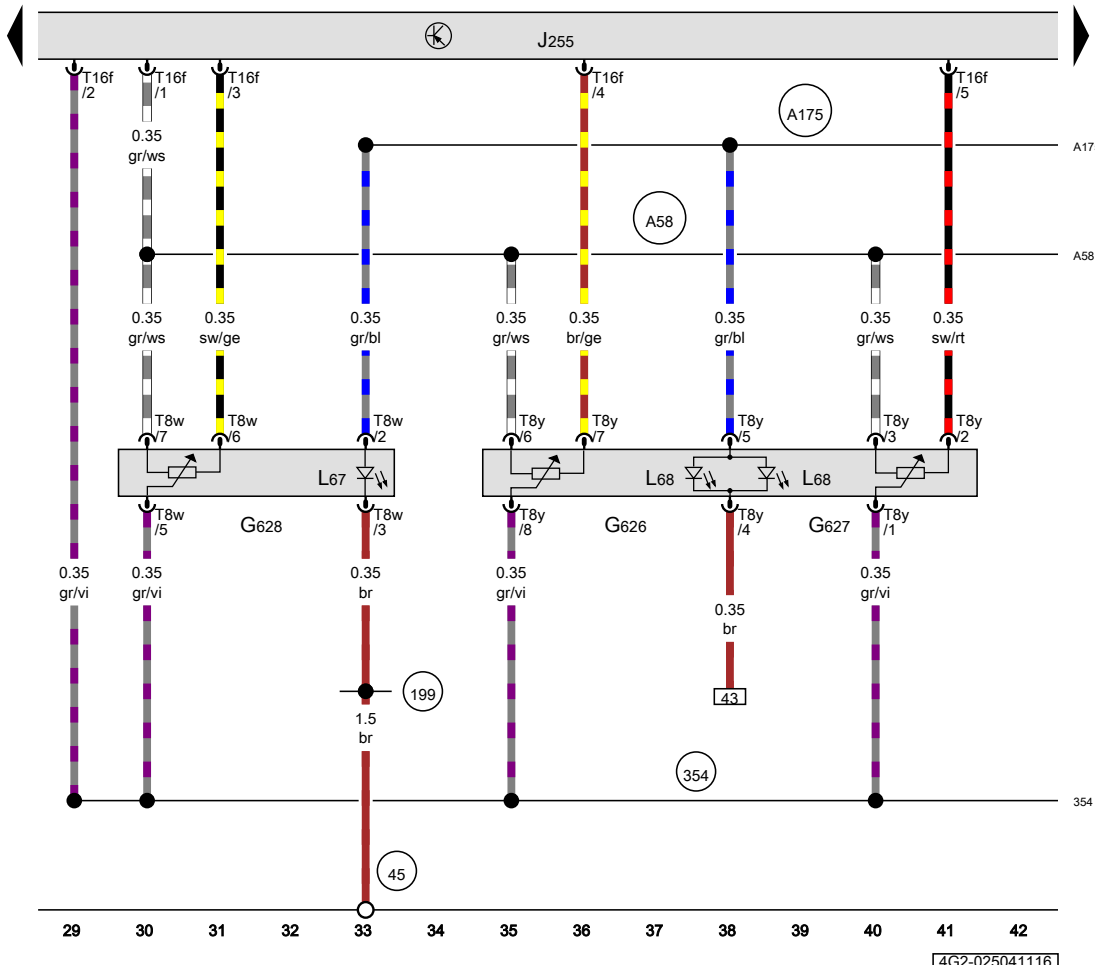
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Potentiometer in left centre dash panel vent, Potentiometer in left side vent, Climatronic control unit

G626	Potentiometer in left centre dash panel vent
G627	Potentiometer in right centre dash panel vent
G628	Potentiometer in left side vent
J255	Climatronic control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
T8w	8-pin connector
T8y	8-pin connector
T16f	16-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
354	Earth connection 6, in dash panel wiring harness
A58	Connection (5 volt), in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness

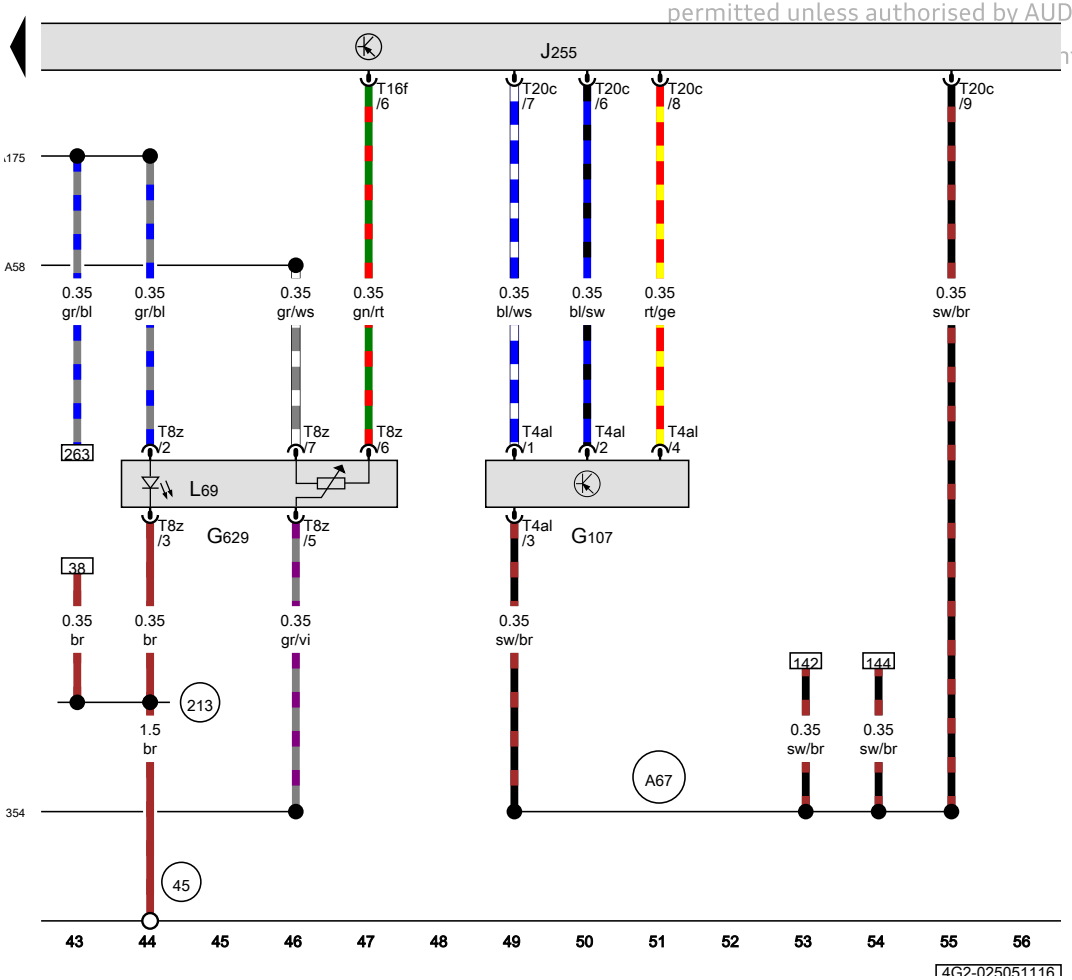


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Sunlight penetration photosensor, Potentiometer in right side vent, Climatronic control unit

G107	Sunlight penetration photosensor
G629	Potentiometer in right side vent
J255	Climatronic control unit
L69	Dash panel right vent illumination bulb
T4al	4-pin connector
T8z	8-pin connector
T16f	16-pin connector
T20c	20-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
354	Earth connection 6, in dash panel wiring harness
A58	Connection (5 volt), in dash panel wiring harness
A67	Connection (31, air conditioning system), in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness

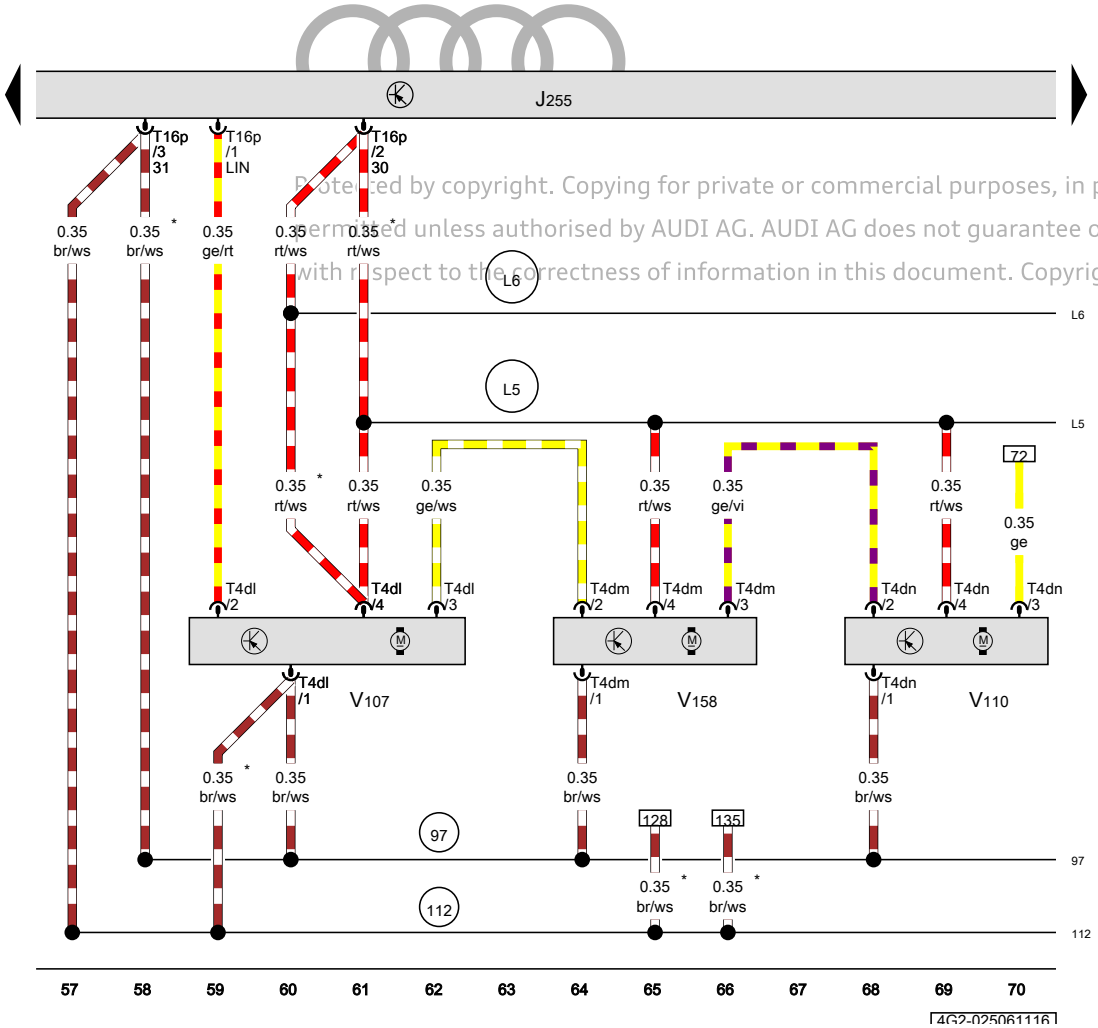
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Climatronic control unit, Defroster flap control motor, Left centre vent control motor, Left temperature flap control motor

J255	Climatronic control unit
T4dl	4-pin connector
T4dm	4-pin connector
T4dn	4-pin connector
T16p	16-pin connector
V107	Defroster flap control motor
V110	Left centre vent control motor
V158	Left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	Only right-hand drive models



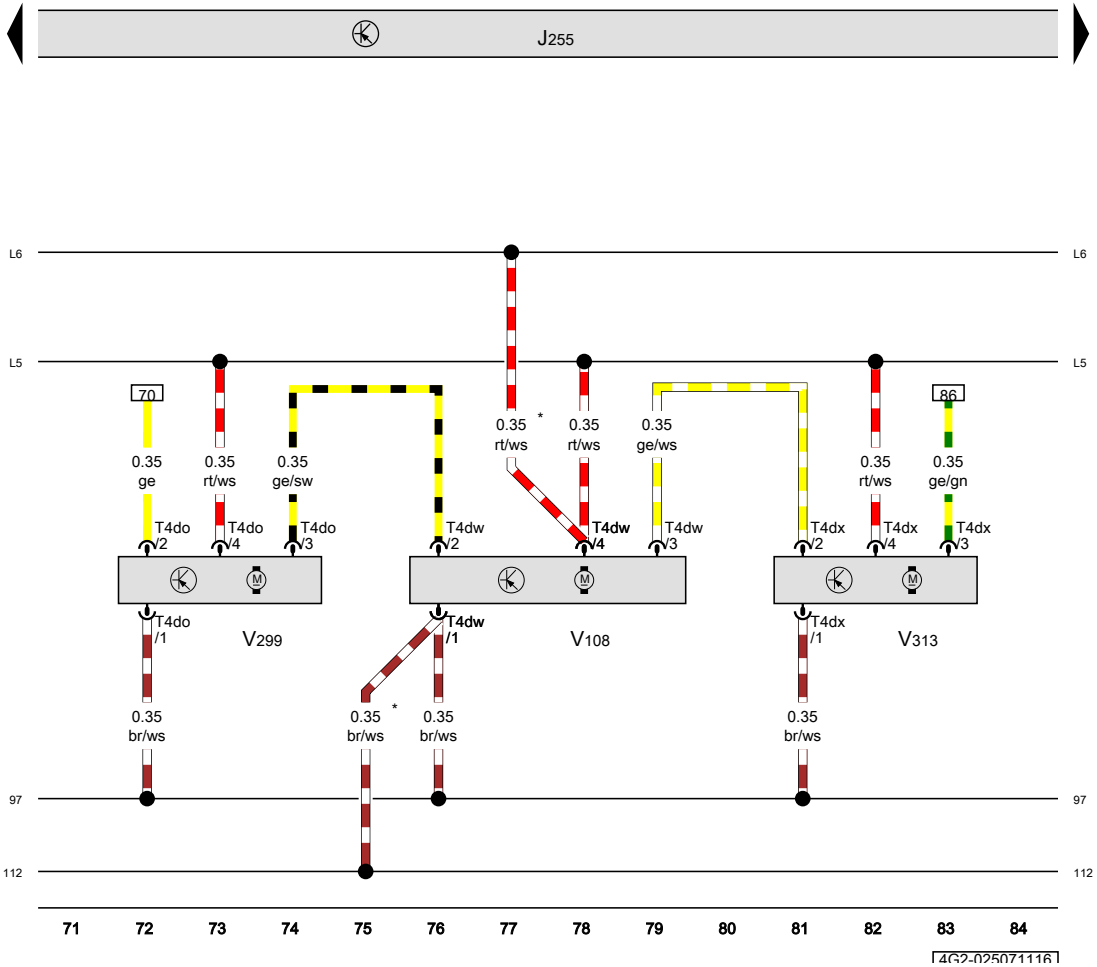
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Climatronic control unit, Left footwell flap control motor, Left side vent control motor, Rear left temperature flap control motor

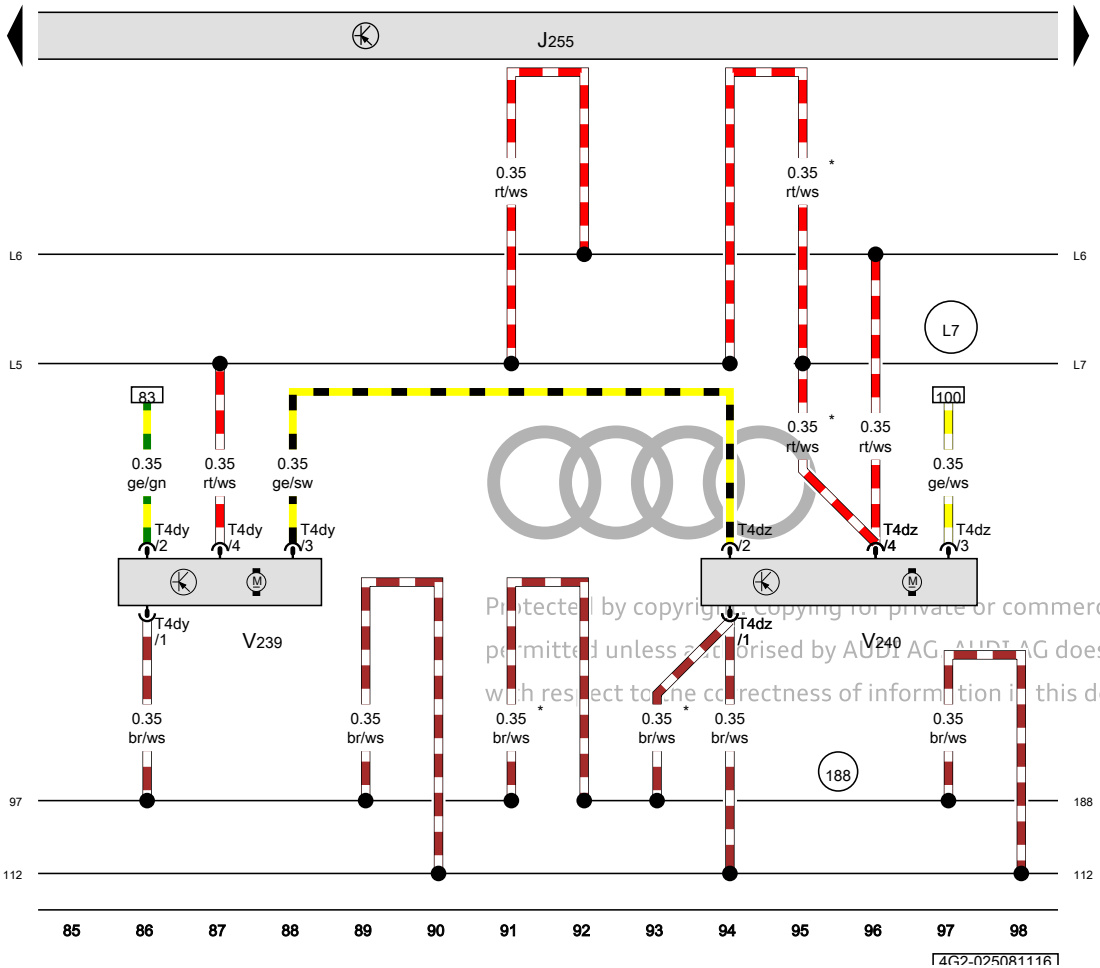
J255	Climatronic control unit
T4do	4-pin connector
T4dw	4-pin connector
T4dx	4-pin connector
V108	Left footwell flap control motor
V299	Left side vent control motor
V313	Rear left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	Only right-hand drive models



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or	=	orange
rs	=	pink

Climatronic control unit, Rear left air quantity flap control motor, Rear right air quantity flap control motor

J255	Climatronic control unit
T4dy	4-pin connector
T4dz	4-pin connector
V239	Rear left air quantity flap control motor
V240	Rear right air quantity flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	Only right-hand drive models



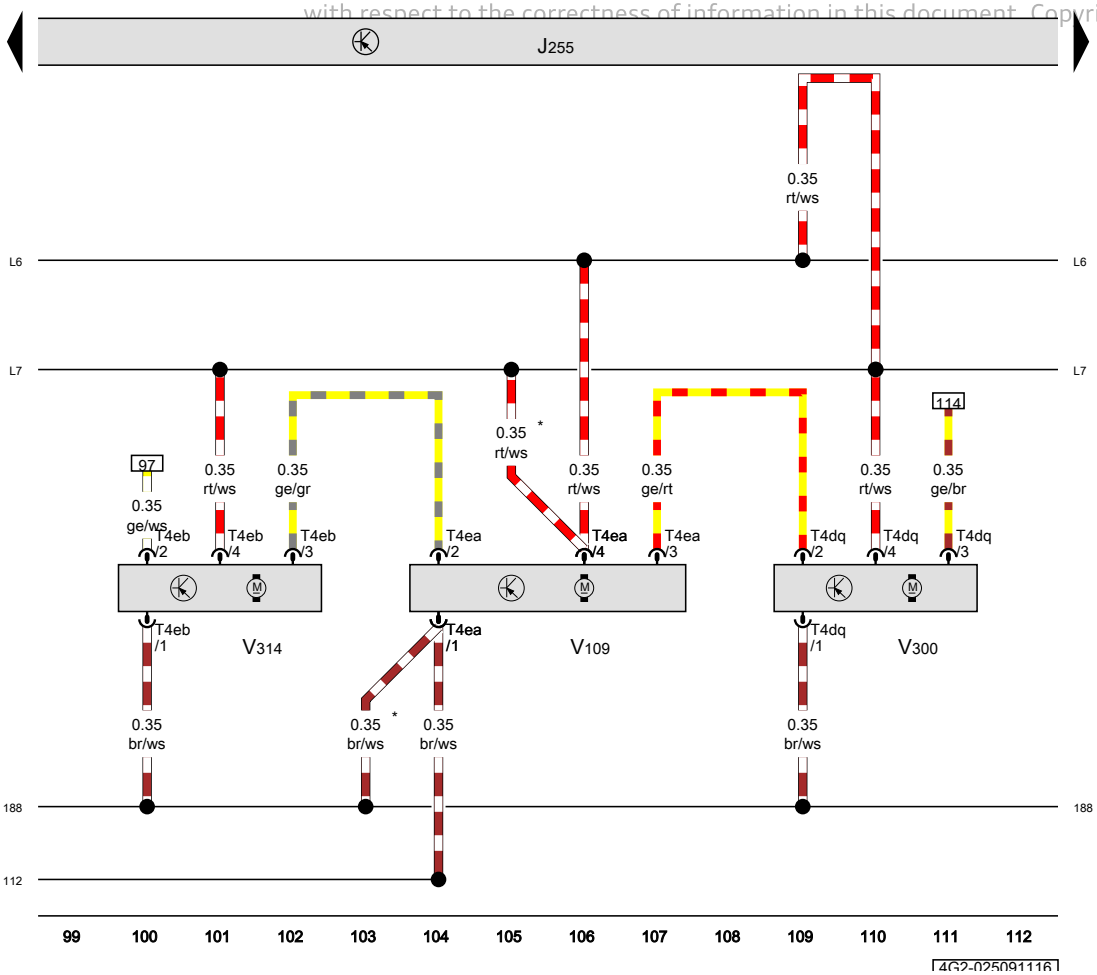
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Climatronic control unit, Right side vent control motor

J255	Climatronic control unit
T4dq	4-pin connector
T4ea	4-pin connector
T4eb	4-pin connector
V109	Right footwell flap control motor
V300	Right side vent control motor
V314	Rear right temperature flap control motor
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	Only right-hand drive models

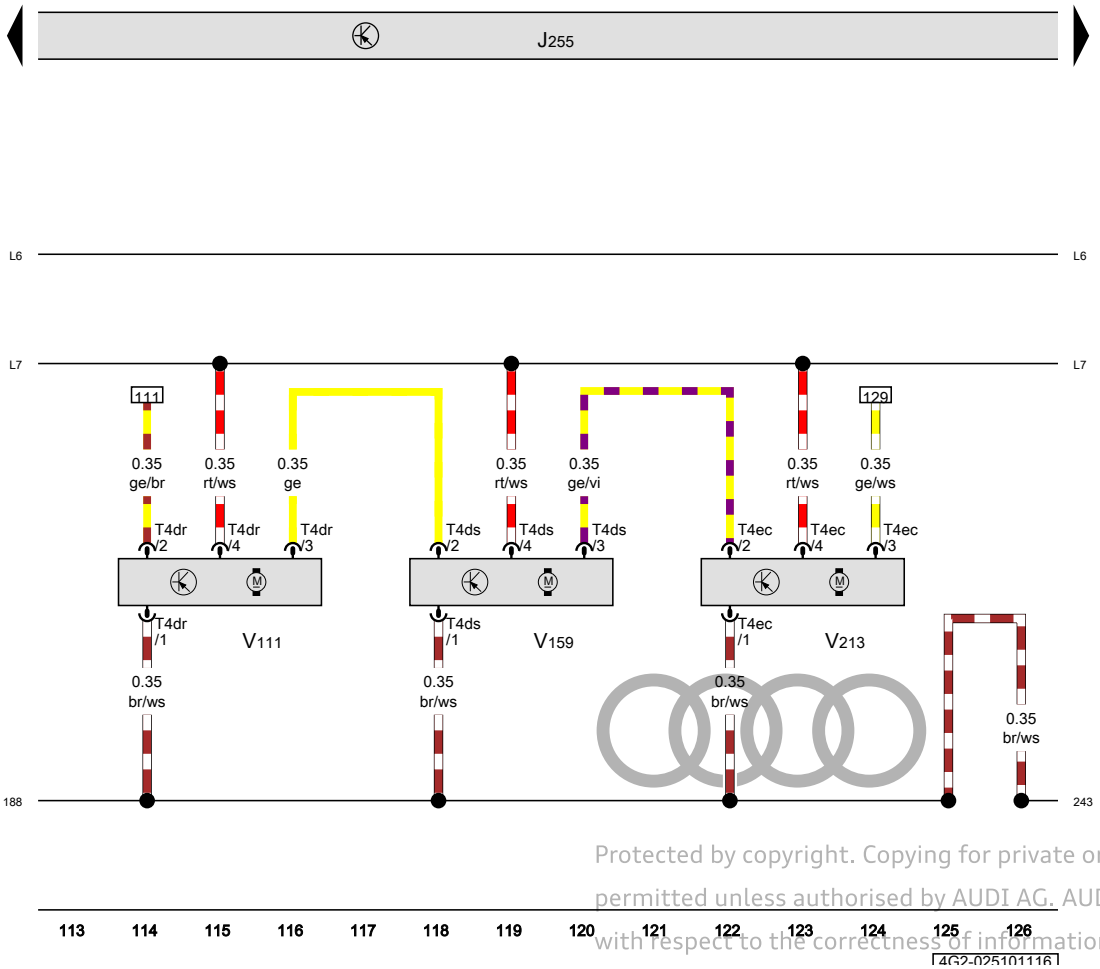
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or	=	orange
rs	=	pink

Climatronic control unit, Right centre vent control motor, Right temperature flap control motor, Indirect ventilation flap control motor

J255	Climatronic control unit
T4dr	4-pin connector
T4ds	4-pin connector
T4ec	4-pin connector
V111	Right centre vent control motor
V159	Right temperature flap control motor
V213	Indirect ventilation flap control motor
188	Earth connection 3, in air conditioning system wiring harness
243	Earth connection 1, in Climatronic wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness



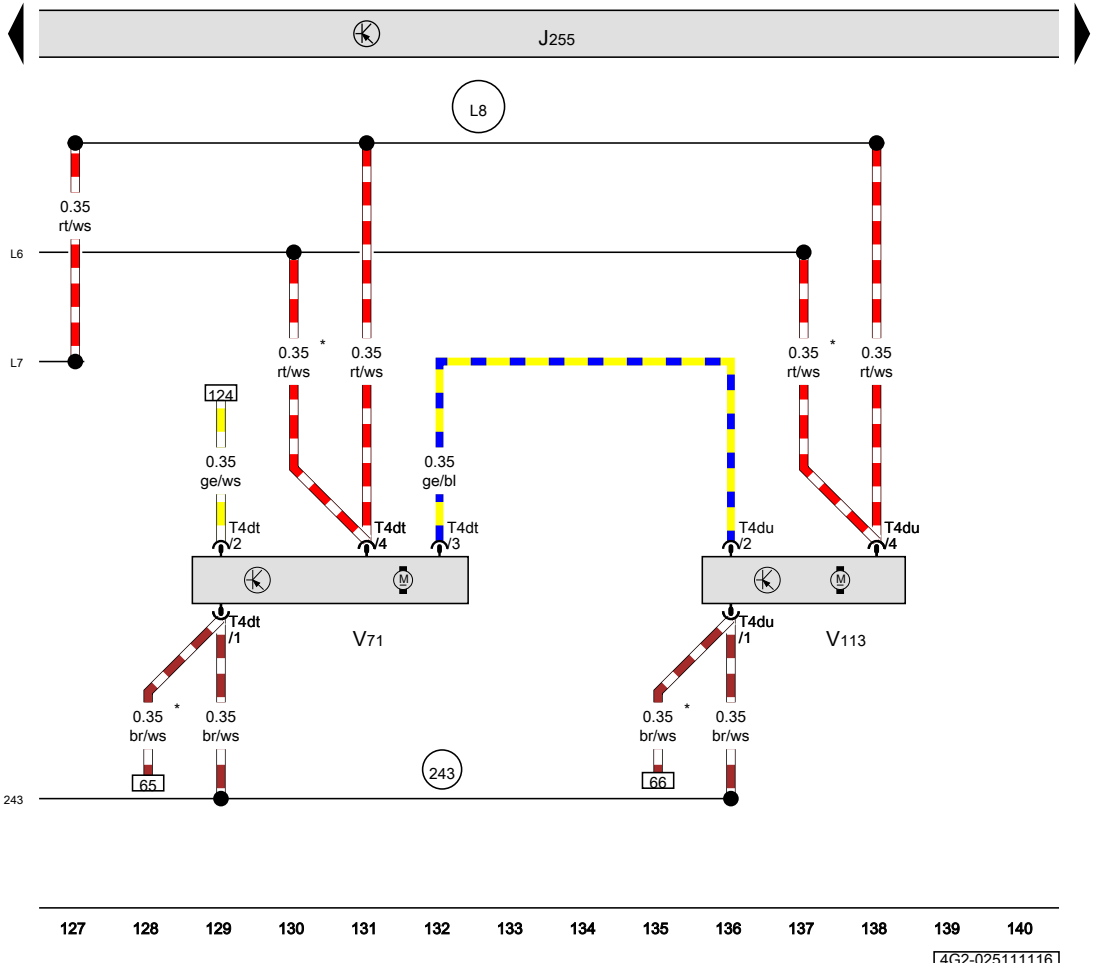
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Climatronic control unit, Air flow flap control motor, Air recirculation flap control motor

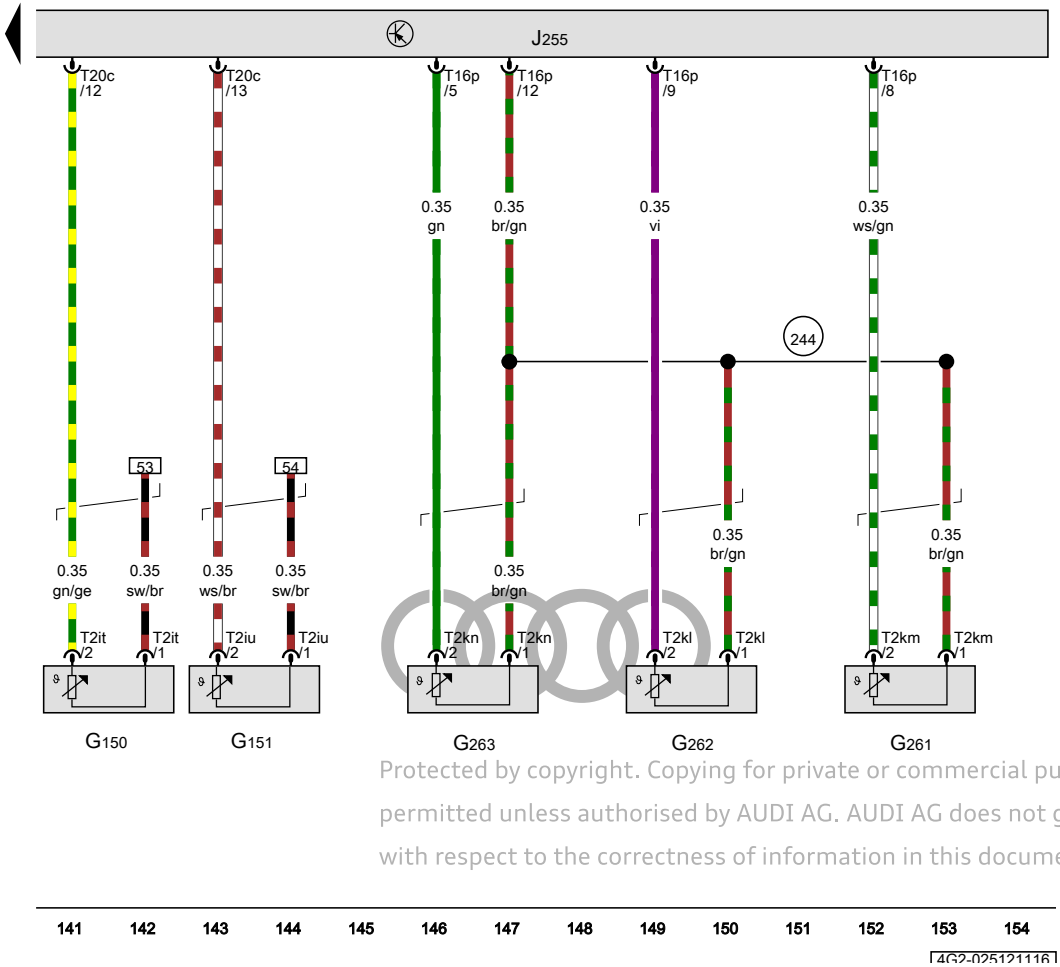
J255	Climatronic control unit
T4dt	4-pin connector
T4du	4-pin connector
V71	Air flow flap control motor
V113	Air recirculation flap control motor
243	Earth connection 1, in Climatronic wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
*	Only right-hand drive models



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or	=	orange
rs	=	pink

Left vent temperature sender, Left footwell vent temperature sender, Evaporator output temperature sender, Climatronic control unit

G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T2it	2-pin connector
T2iu	2-pin connector
T2kl	2-pin connector
T2km	2-pin connector
T2kn	2-pin connector
T16p	16-pin connector
T20c	20-pin connector
244	Earth connection (sender earth), in Climatronic wiring harness

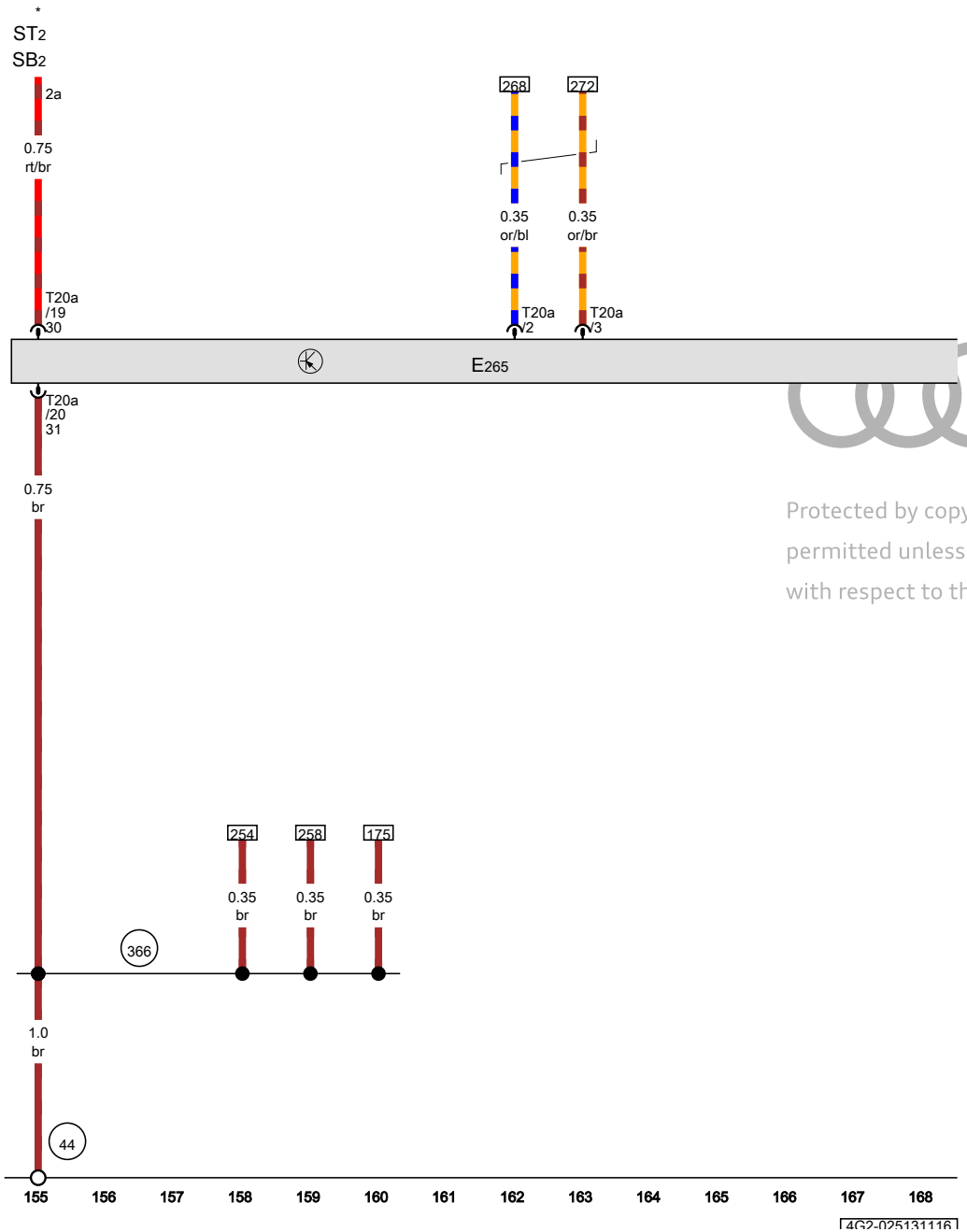


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Operating and display unit for rear air conditioning system

E265	Operating and display unit for rear air conditioning system
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
T20a	20-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment

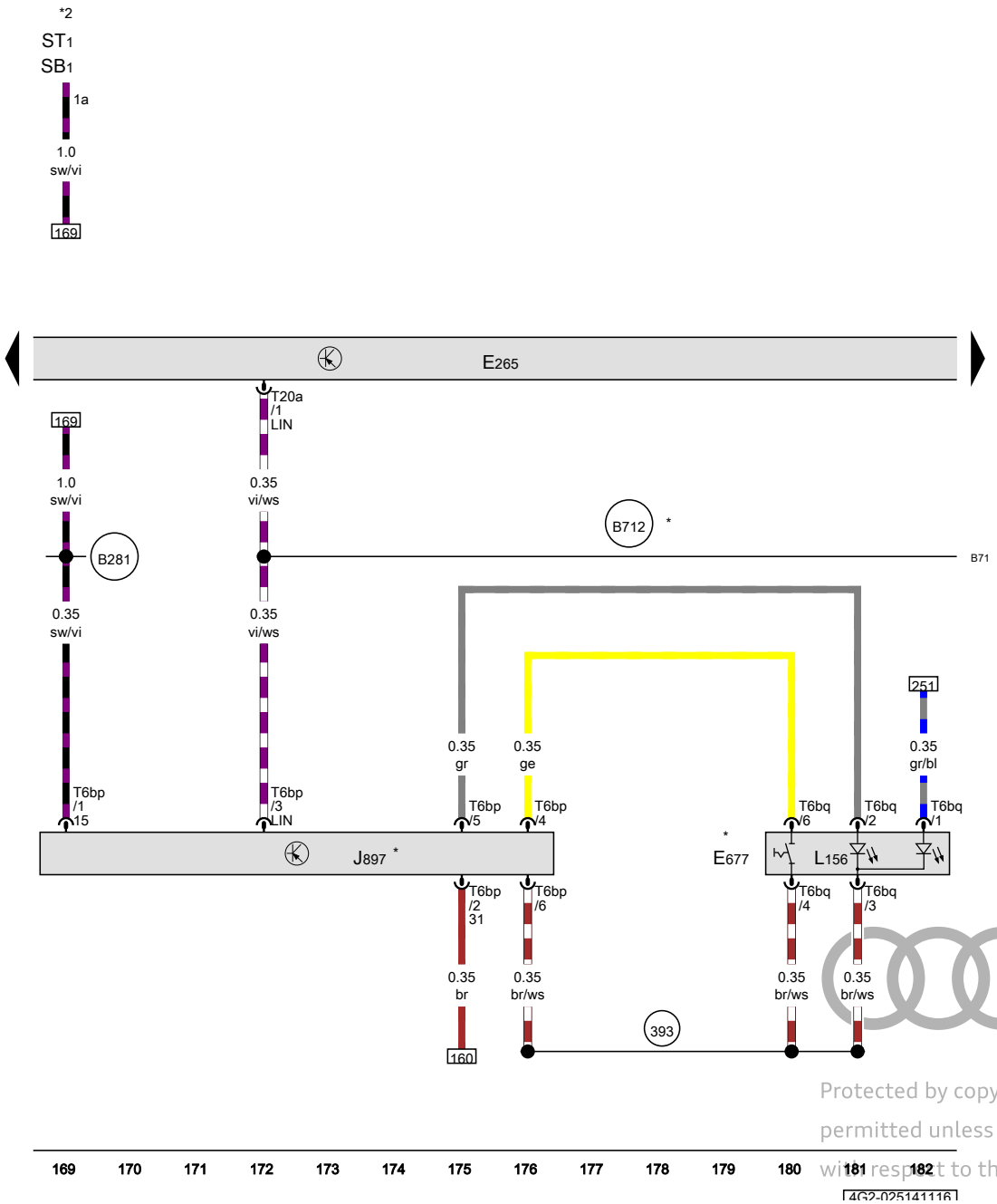


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Operating and display unit for rear air conditioning system, Button for air ionisation system, Control unit for air ionisation system

E265	Operating and display unit for rear air conditioning system
E677	Button for air ionisation system, on right B-pillar
J897	Control unit for air ionisation system
L156	Switch illumination bulb
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T6bp	6-pin connector
T6bq	6-pin connector
T20a	20-pin connector
393	Earth connection 28, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B712	Connection 7 (LIN bus) in main wiring harness
*	Only models with equipment for China
*2	see applicable current flow diagram for fuse assignment

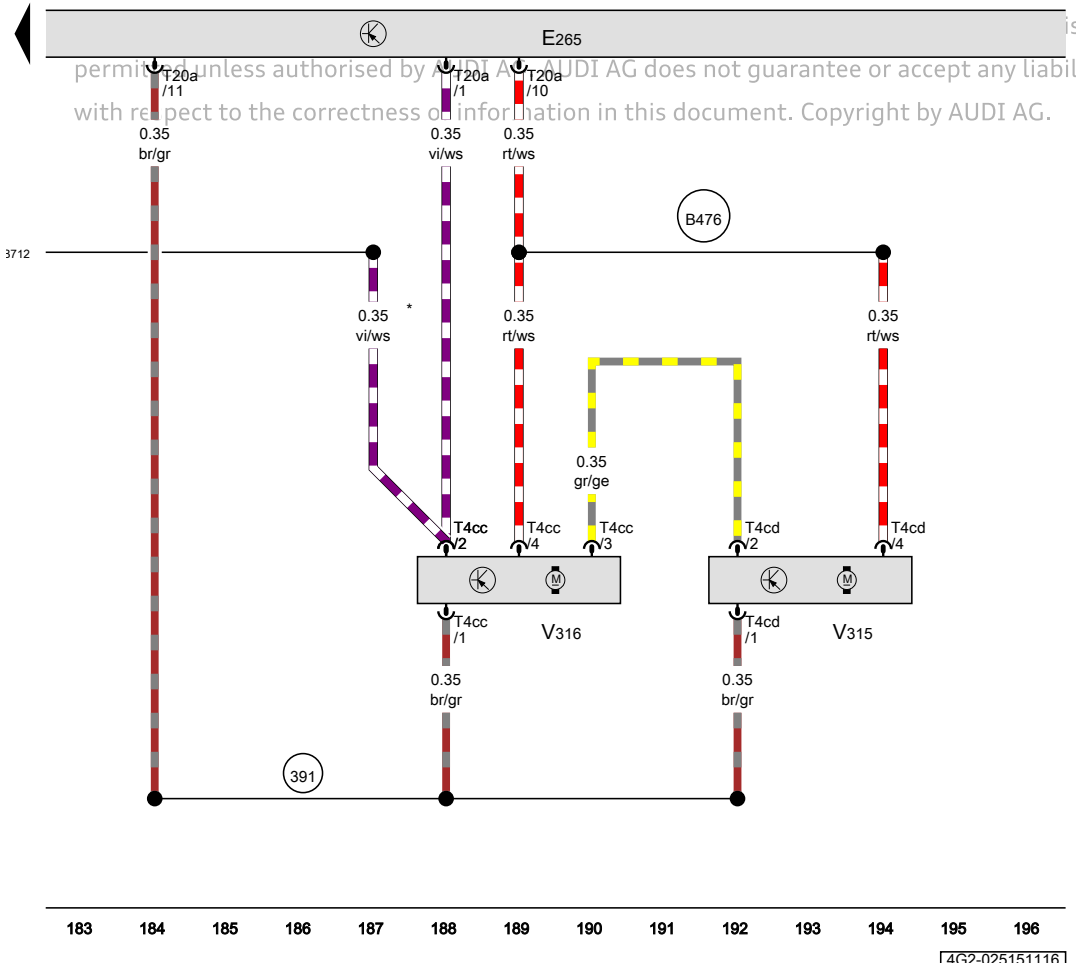


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Operating and display unit for rear air conditioning system, Rear left chest vent control motor, Rear right chest vent control motor

E265	Operating and display unit for rear air conditioning system
T4cc	4-pin connector
T4cd	4-pin connector
T20a	20-pin connector
V315	Rear left chest vent control motor
V316	Rear right chest vent control motor
391	Earth connection 26, in main wiring harness
B476	Connection 12, in main wiring harness
B712	Connection 7 (LIN bus) in main wiring harness
*	Only models with equipment for China

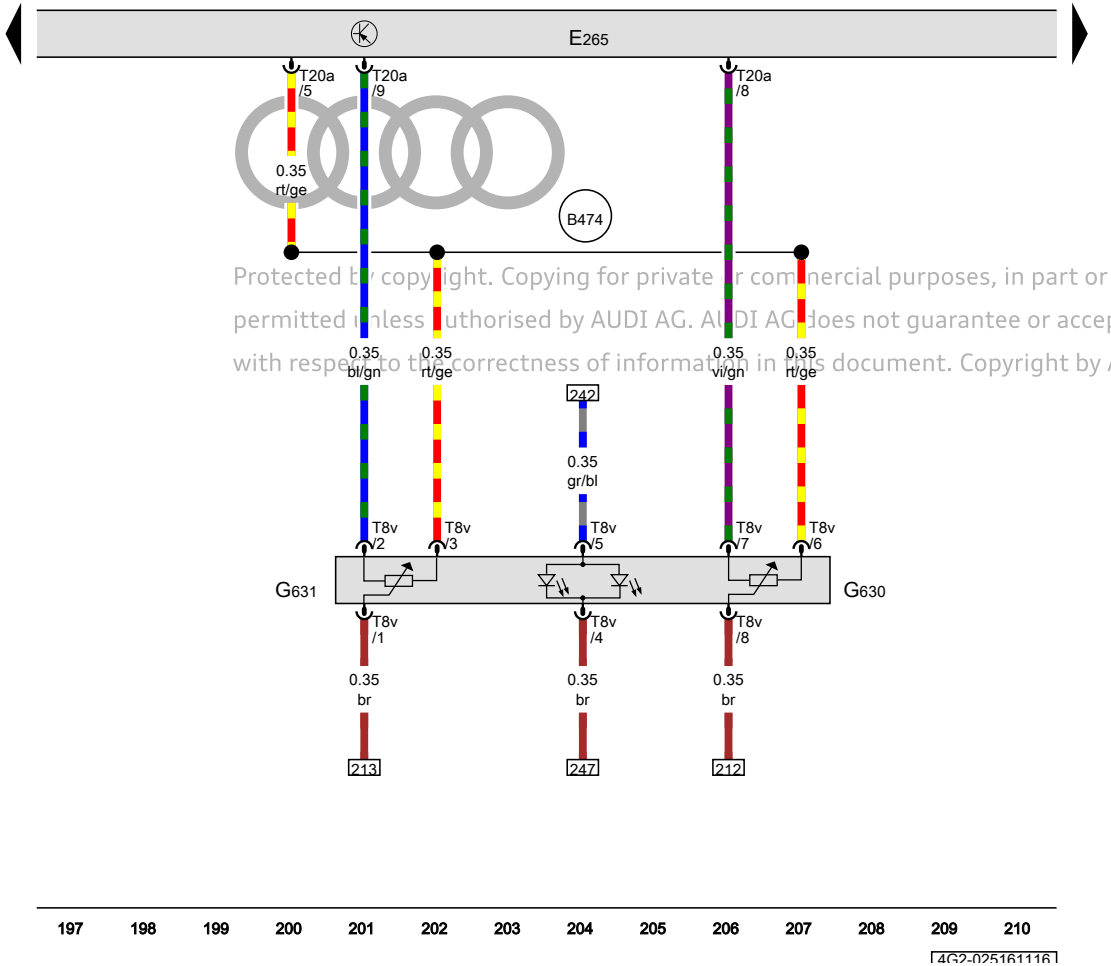


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Operating and display unit for rear air conditioning system, Potentiometer in rear left chest vent, Potentiometer in rear right chest vent

E265	Operating and display unit for rear air conditioning system
G630	Potentiometer in rear left chest vent
G631	Potentiometer in rear right chest vent
T8v	8-pin connector
T20a	20-pin connector
B474	Connection 10, in main wiring harness



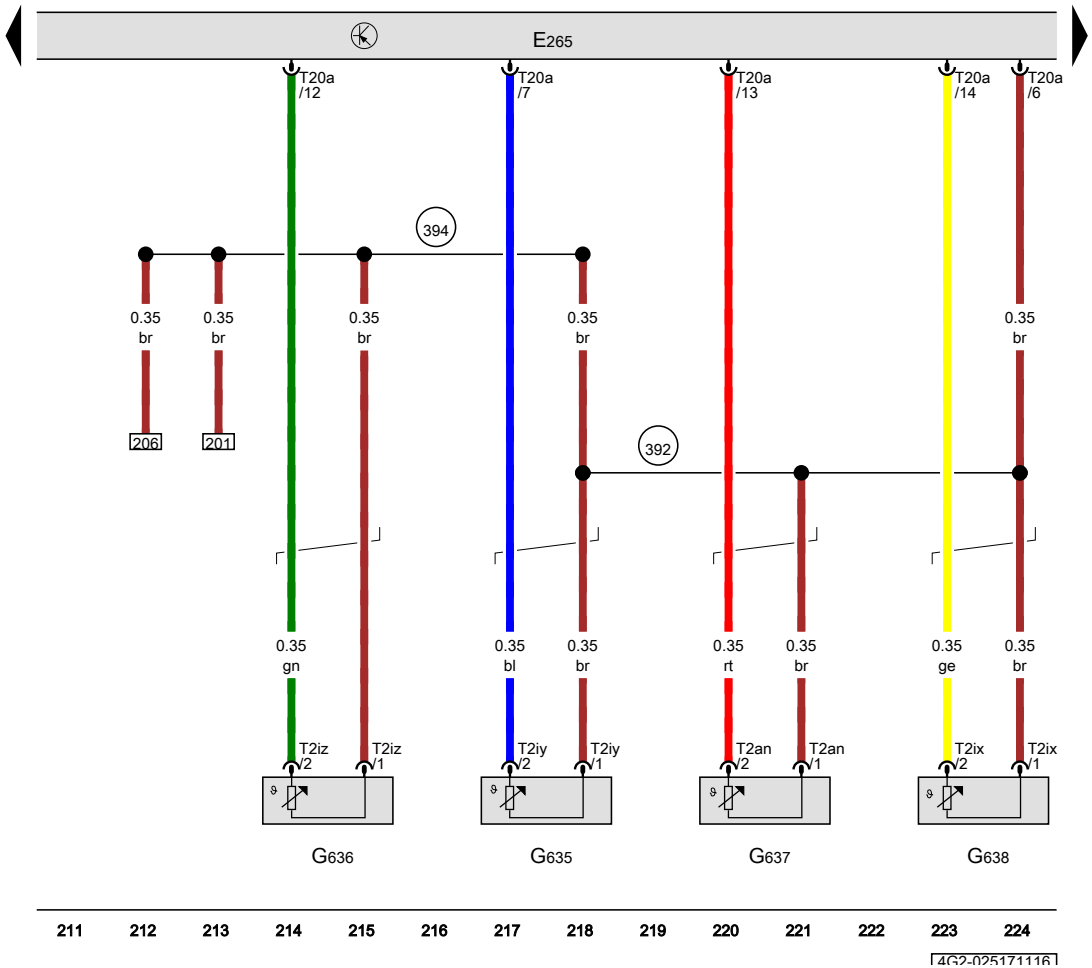
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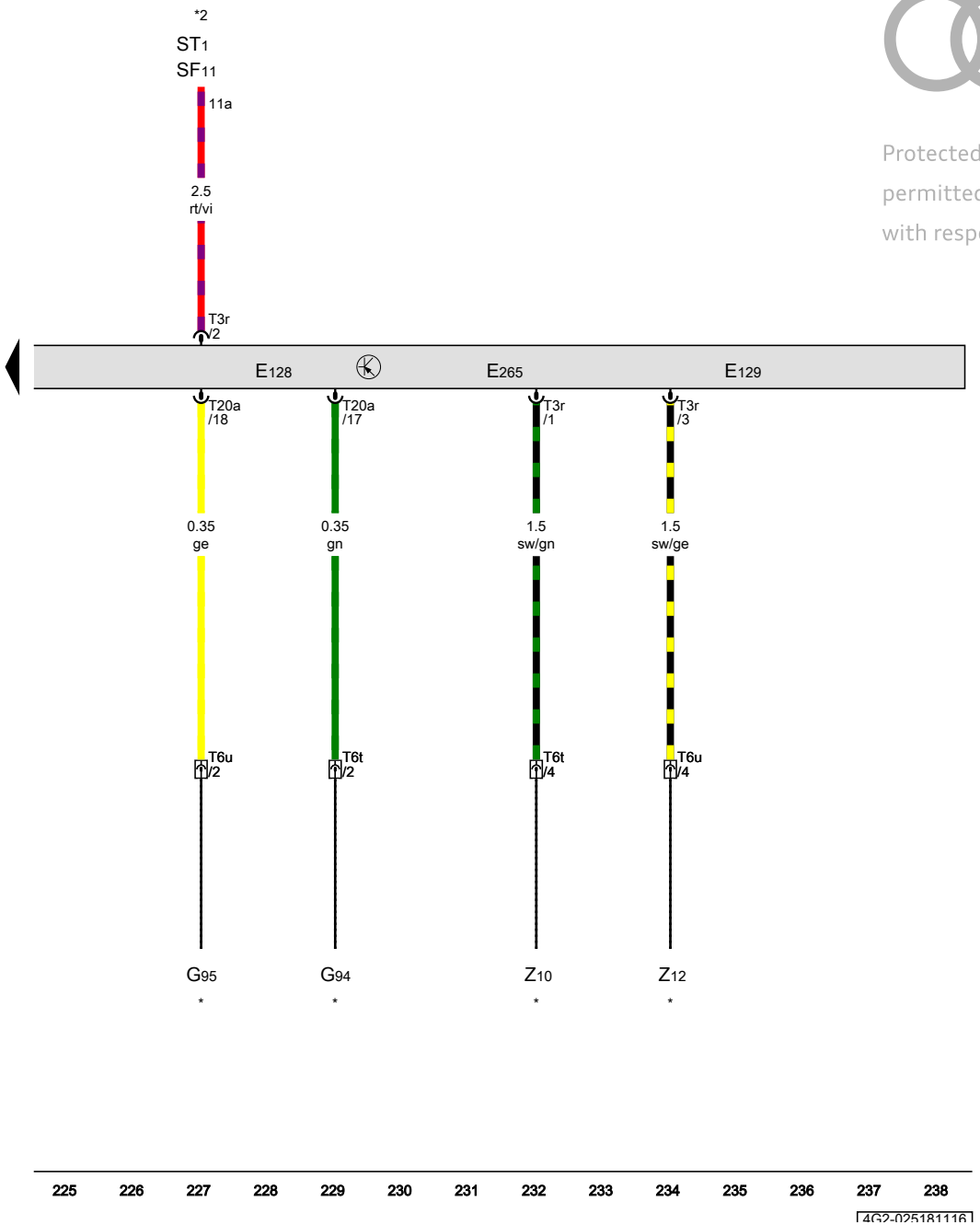
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Operating and display unit for rear air conditioning system, Rear left chest vent temperature sender, Vent temperature sender for rear left footwell

E265	Operating and display unit for rear air conditioning system
G635	Rear left chest vent temperature sender
G636	Rear right chest vent temperature sender
G637	Vent temperature sender for rear left footwell
G638	Vent temperature sender for rear right footwell
T2an	2-pin connector
T2ix	2-pin connector
T2iy	2-pin connector
T2iz	2-pin connector
T20a	20-pin connector
392	Earth connection 27, in main wiring harness
394	Earth connection 29, in main wiring harness



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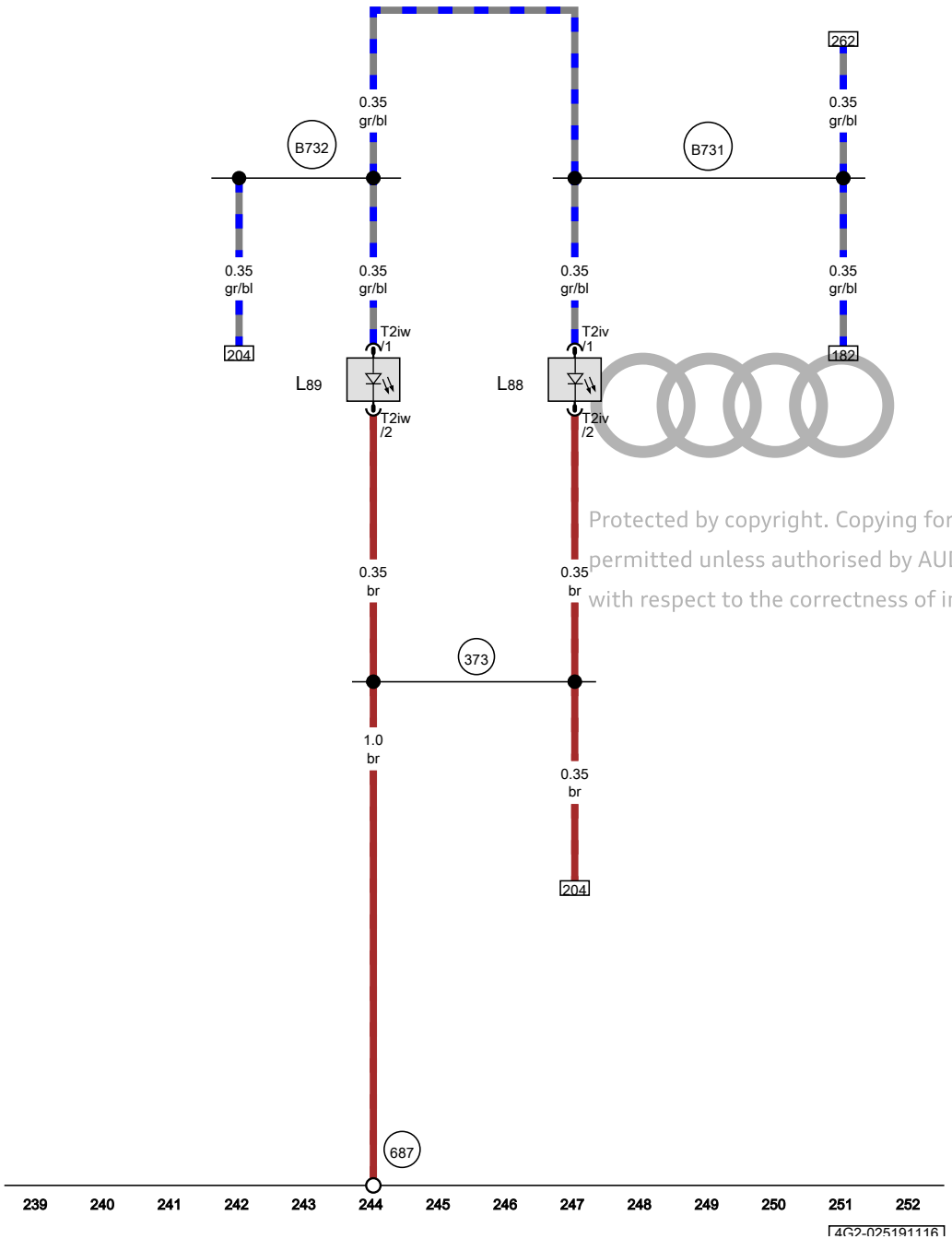


Heated rear left seat switch with regulator, Heated rear right seat switch with regulator, Operating and display unit for rear air conditioning system

E128	Heated rear left seat switch with regulator
E129	Heated rear right seat switch with regulator
E265	Operating and display unit for rear air conditioning system
G94	Rear left seat temperature sensor
G95	Rear right seat temperature sensor
ST1	Fuse carrier 1
SF11	Fuse 11 in fuse holder F
T3r	3-pin connector
T6t	6-pin connector, in coupling point for rear seat, left
T6u	6-pin connector, in coupling point for rear seat, right
T20a	20-pin connector
Z10	Heated bench seat cushion for rear left seat
Z12	Heated bench seat cushion for rear right seat
*	see applicable current flow diagram for seat heating
*2	see applicable current flow diagram for fuse assignment

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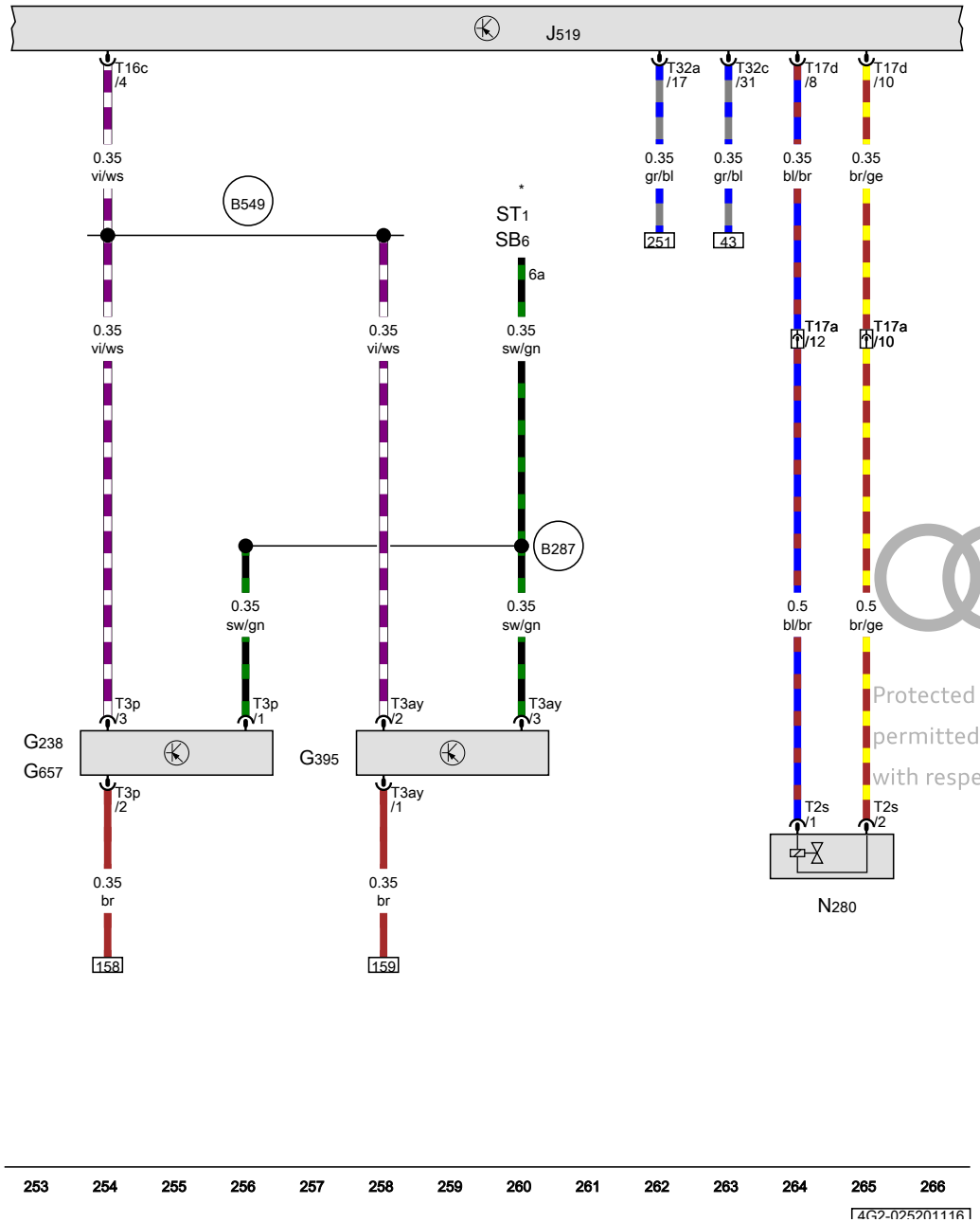


Rear left vent illumination bulb, Rear right vent illumination bulb

L88	Rear left vent illumination bulb
L89	Rear right vent illumination bulb
T2iv	2-pin connector
T2iw	2-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness

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rs	=	pink



Air quality sensor, Refrigerant pressure and temperature sender, Humidity sender in fresh air intake duct, Onboard supply control unit, Air conditioner compressor regulating valve

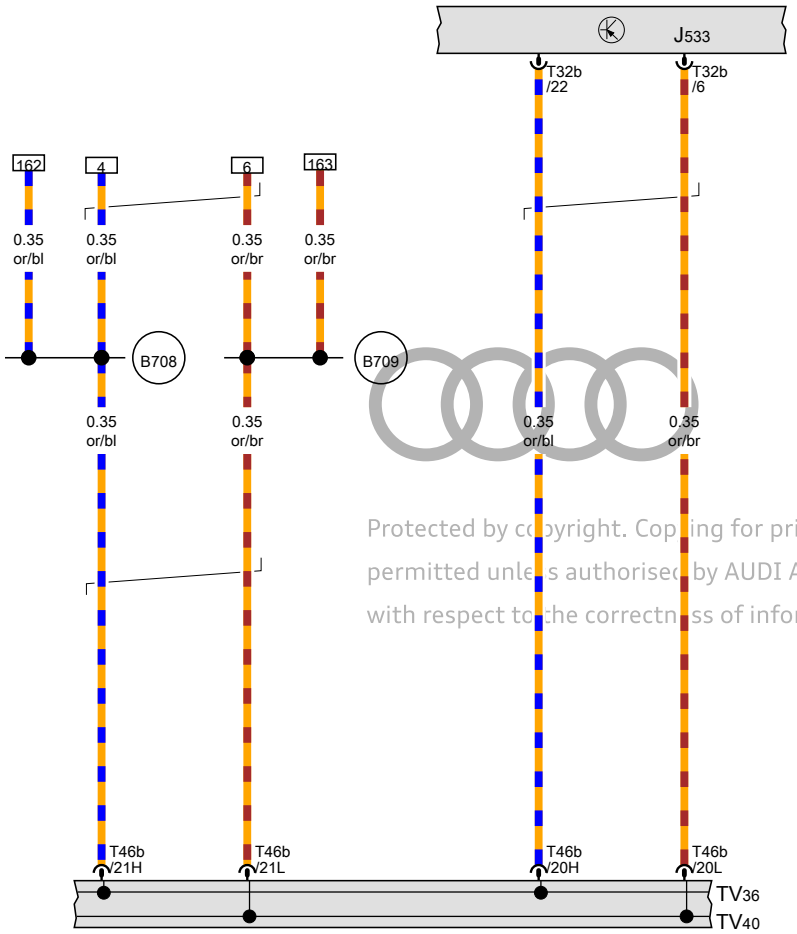
G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SB6	Fuse 6 on fuse holder B
T2s	2-pin connector
T3ay	3-pin connector
T3p	3-pin connector
T16c	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17d	17-pin connector
T32a	32-pin connector
T32c	32-pin connector
B287	Positive connection 11 (15a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Data bus diagnostic interface, Wiring junction for dash panel insert CAN bus, high

J533	Data bus diagnostic interface
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV40	Wiring junction for dash panel insert CAN bus, low
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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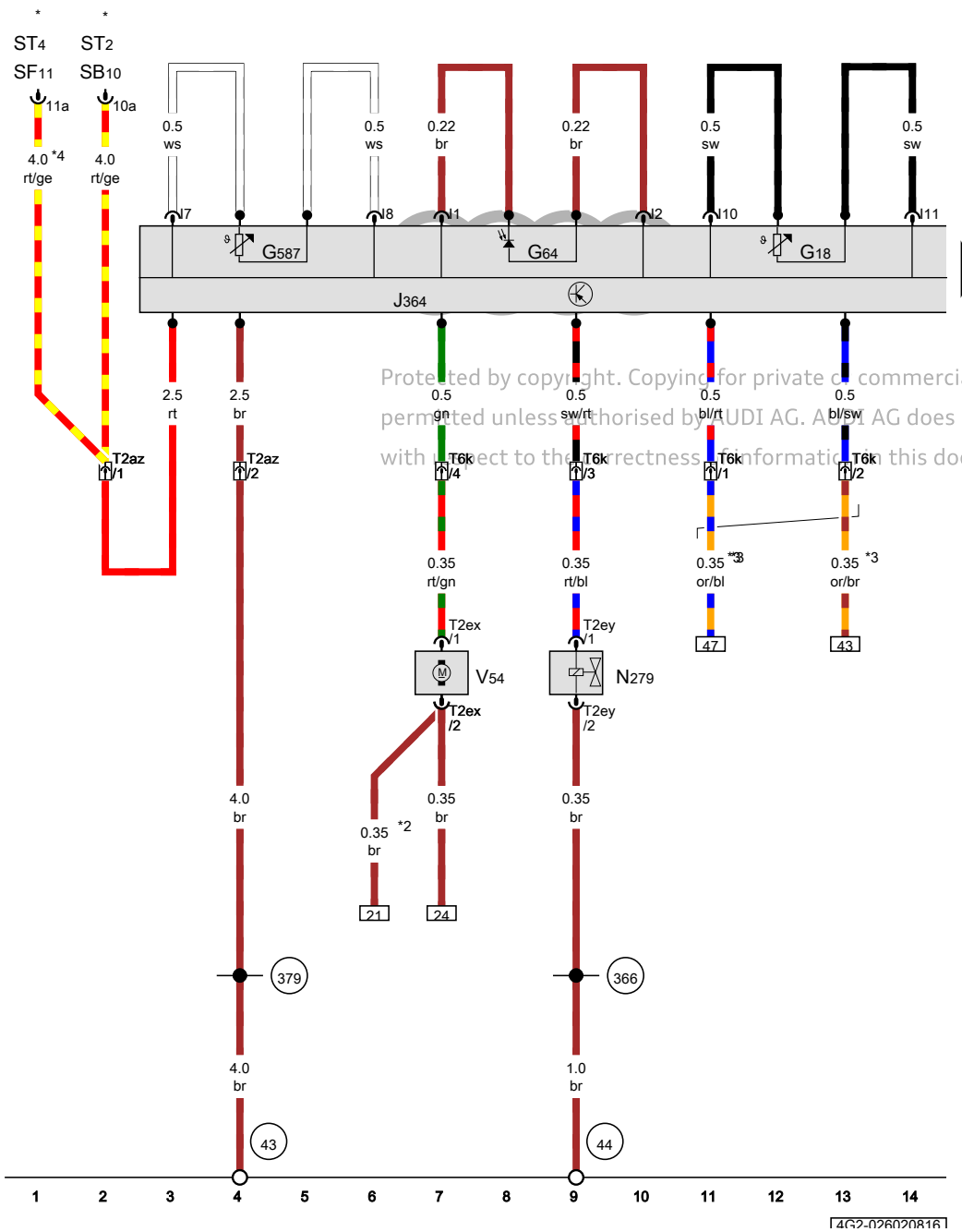
267 268 269 270 271 272 273 274 275 276 277 278 279 280

4G2-025211116

Auxiliary heater, supplementary heater , (9M1),(9M9)

From January 2011

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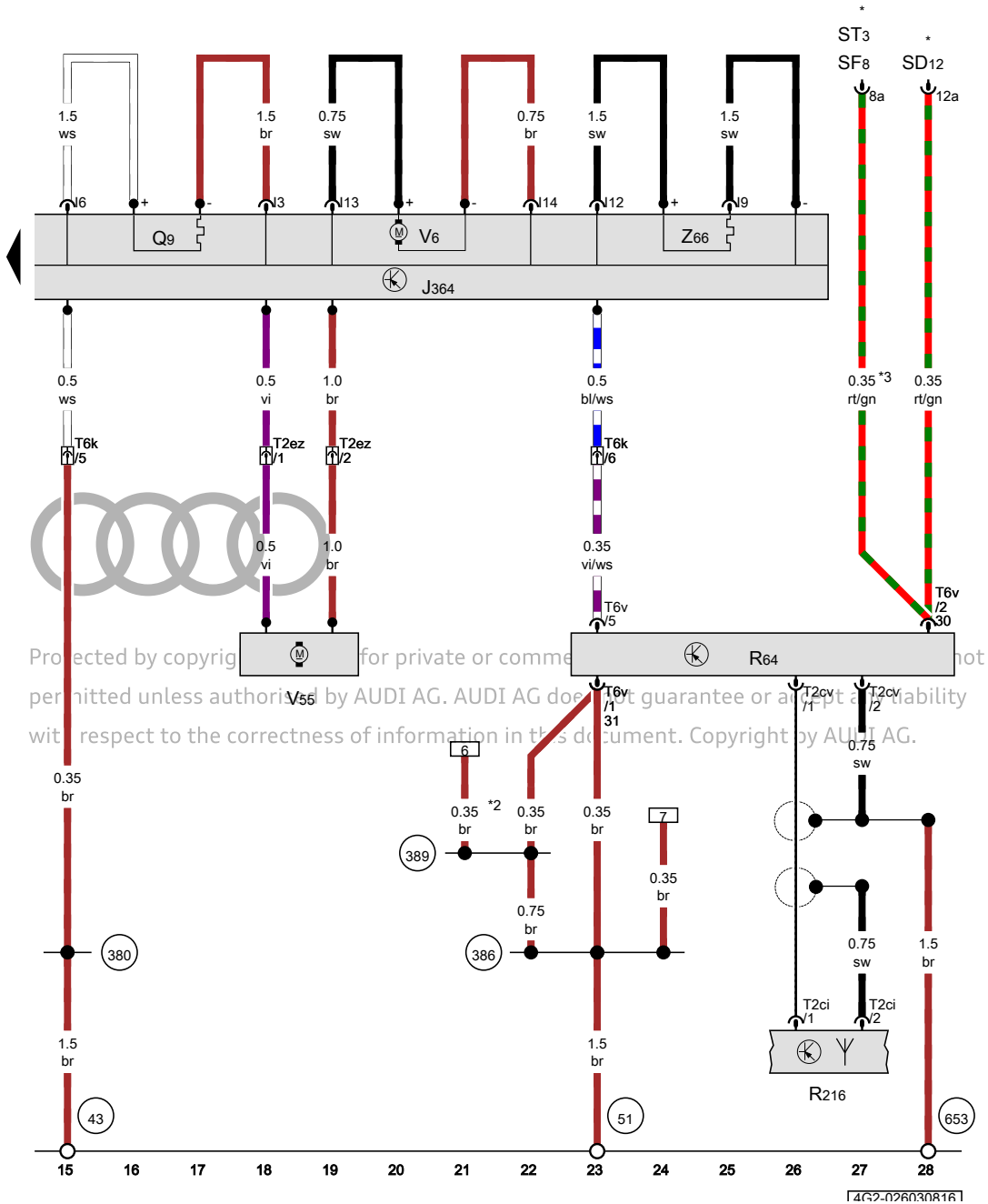


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Temperature sensor, Auxiliary heater control unit, Heater coolant shut-off valve, Metering pump

G18	Temperature sensor
G64	Flame monitor
G587	Temperature sensor 2 for supplementary and auxiliary heating
J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SB10	Fuse 10 on fuse holder B
SF11	Fuse 11 in fuse holder F
T2az	2-pin connector, behind front bumper on right
T2ex	2-pin connector
T2ey	2-pin connector
T6k	6-pin connector, behind front bumper on right
V54	Metering pump
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Data bus wire (CAN bus)
*4	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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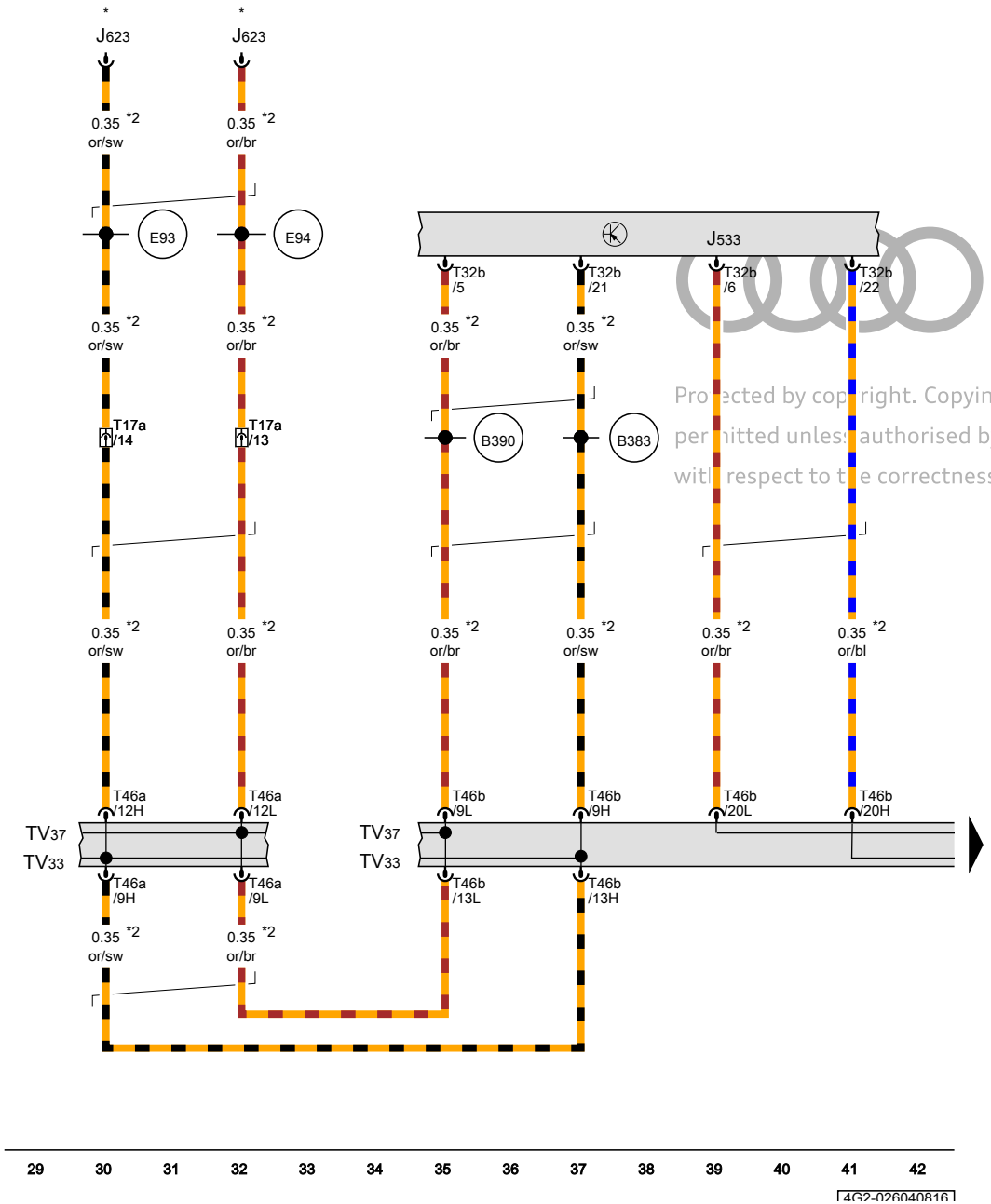


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Auxiliary heater control unit, Remote control receiver for auxiliary heater, Roof aerial

J364	Auxiliary heater control unit
Q9	Glow plug for heater
R64	Remote control receiver for auxiliary heater
R216	Roof aerial
ST3	Fuse carrier 3
SF8	Fuse 8 in fuse holder F
SD12	Fuse 12 on fuse holder D
T2ci	2-pin connector
T2cv	2-pin connector
T2ez	2-pin connector
T6k	6-pin connector, behind front bumper on right
T6v	6-pin connector
V6	Combustion air blower
V55	Circulation pump
Z66	Fuel pre-heating heater element
43	Earth point, lower part of right A-pillar
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
653	Earth point, on left D-pillar
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	From June 2014

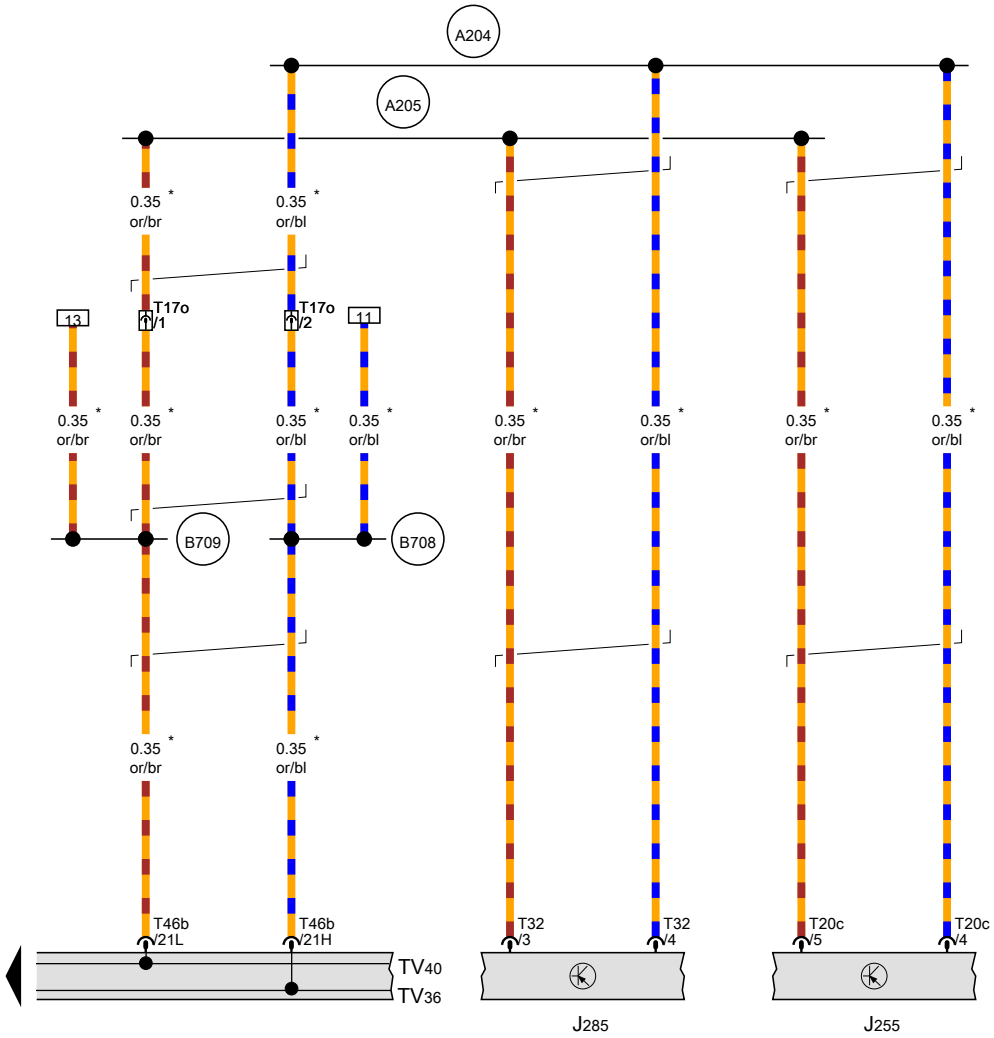


Wiring junction for powertrain CAN bus, high, Wiring junction for powertrain CAN bus, low

J533	Data bus diagnostic interface
J623	Engine control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Data bus wire (CAN bus)

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Wiring junction for dash panel insert CAN bus, high, Wiring junction for dash panel insert CAN bus, low

J255	Climatronic control unit
J285	Control unit in dash panel insert
T17o	17-pin connector, in right A-pillar coupling station
T20c	20-pin connector
T32	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Data bus wire (CAN bus)

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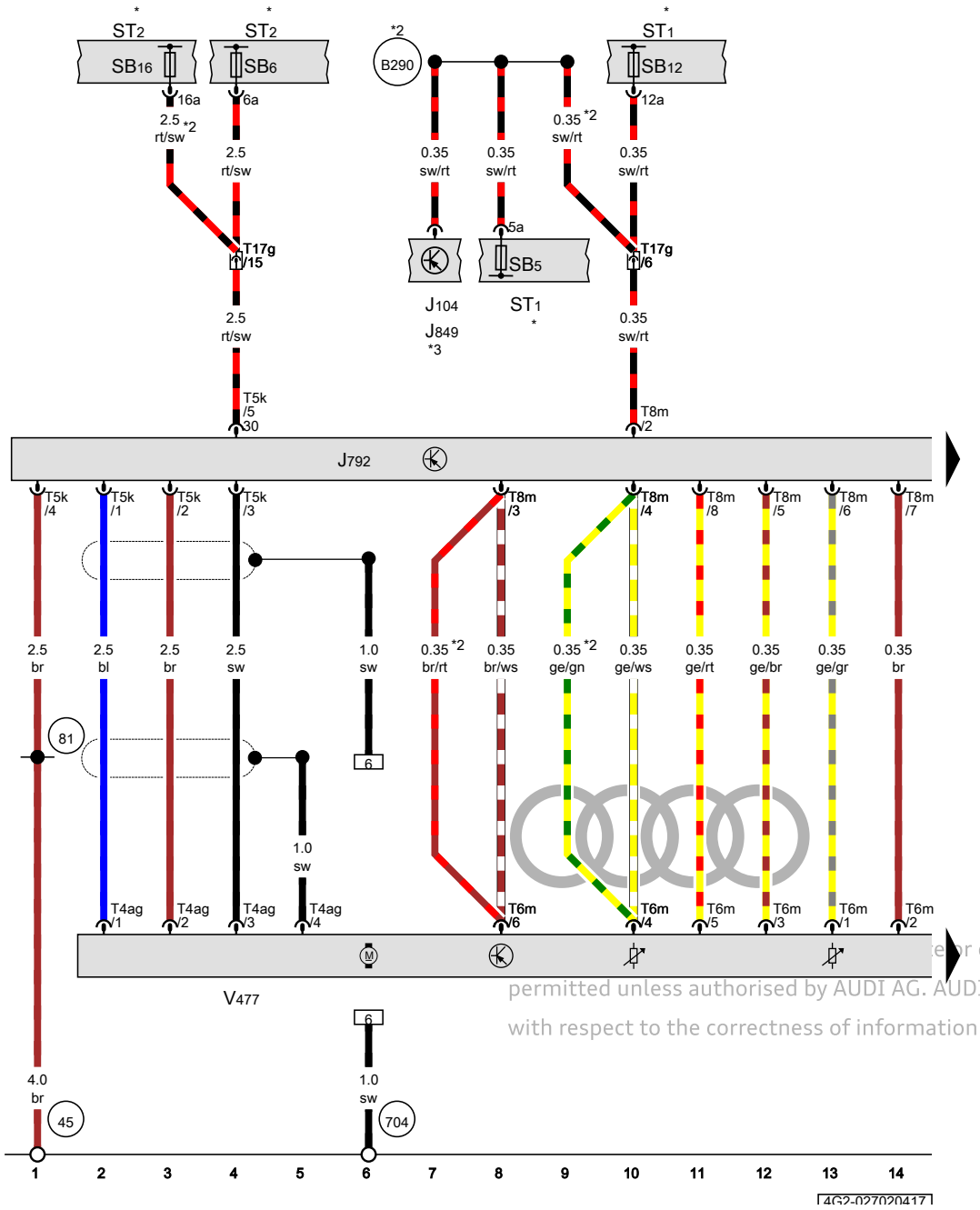
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Active steering (dynamic steering) , (1N8)

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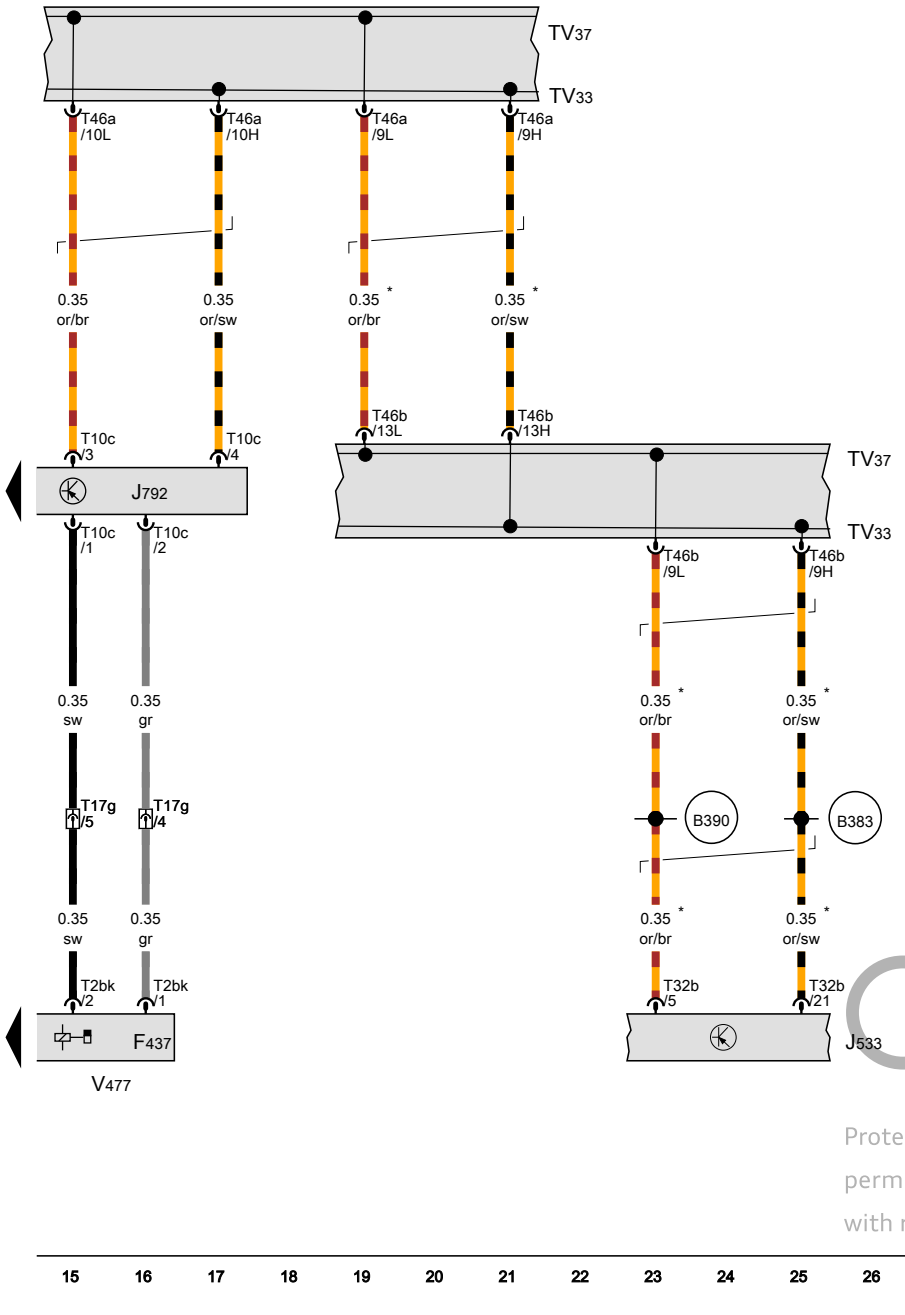


Active steering control unit, Active steering motor

J104	ABS control unit
J792	Active steering control unit
J849	Control unit for sensor electronics
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB16	Fuse 16 on fuse holder B
T4ag	4-pin connector
T5k	5-pin connector
T6m	6-pin connector
T8m	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
V477	Active steering motor
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
704	Earth point 2 under driver seat
B290	Positive connection 14 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014
*3	see applicable current flow diagram for ABS

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Data bus diagnostic interface, Active steering control unit, Wiring junction for powertrain CAN bus, high, Wiring junction for powertrain CAN bus, low, Active steering motor

F437	Active steering safety lock actuator
J533	Data bus diagnostic interface
J792	Active steering control unit
T2bk	2-pin connector
T10c	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
V477	Active steering motor
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

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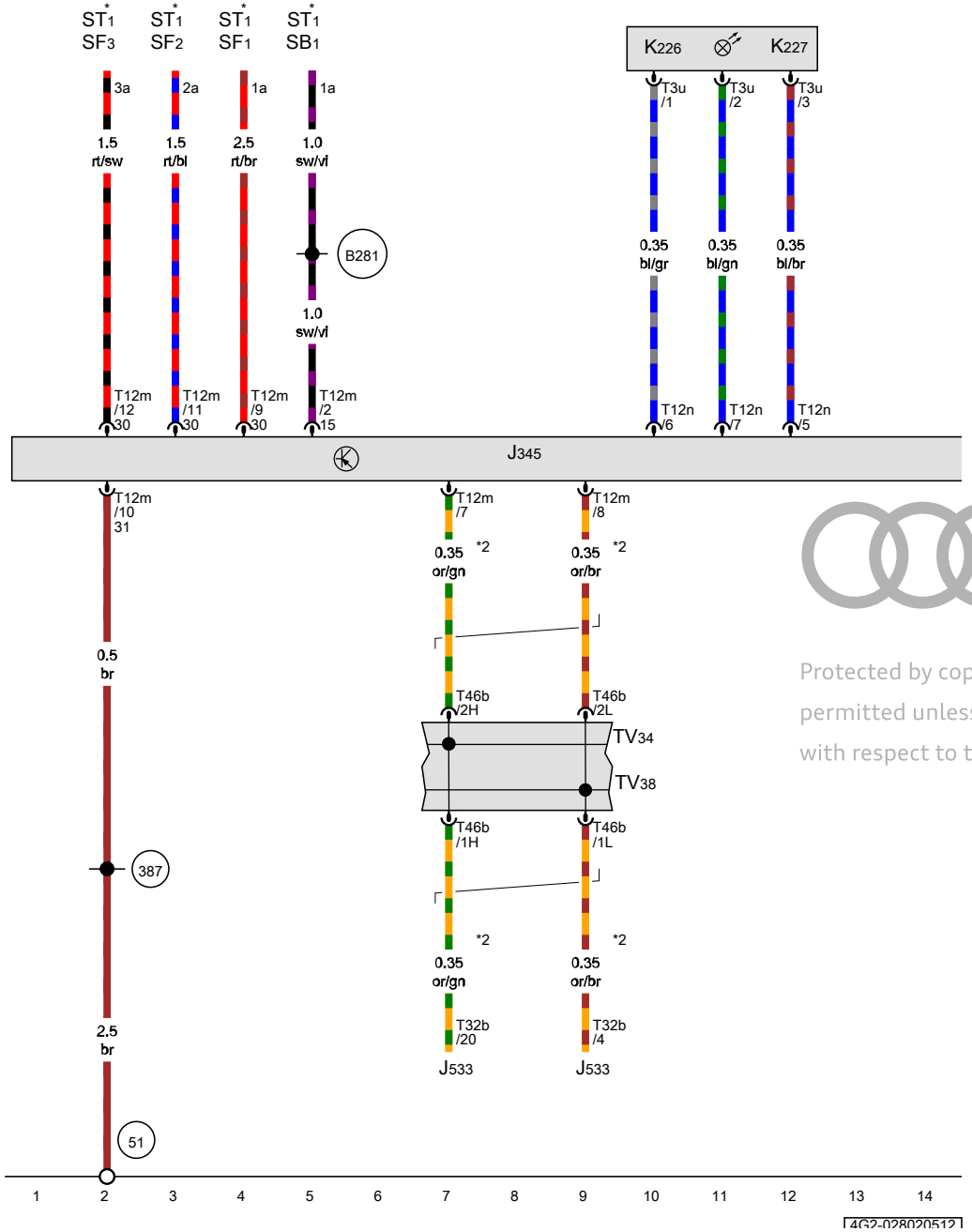
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Trailer coupling , (1D4)

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Trailer detector control unit, Towing bracket locked warning lamp, Towing bracket released warning lamp



J345 Trailer detector control unit
J533 Data bus diagnostic interface
K226 Towing bracket locked warning lamp
K227 Towing bracket released warning lamp
SB1 Fuse 1 on fuse holder B
ST1 Fuse carrier 1
SF1 Fuse 1 in fuse holder F
SF2 Fuse 2 in fuse holder F
SF3 Fuse 3 in fuse holder F
T3u 3-pin connector
T12m 12-pin connector
T12n 12-pin connector
T32b 32-pin connector
T46b 46-pin connector
TV34 Wiring junction for convenience CAN bus, high
TV38 Wiring junction for convenience CAN bus, low

51 Earth point, on right in luggage compartment

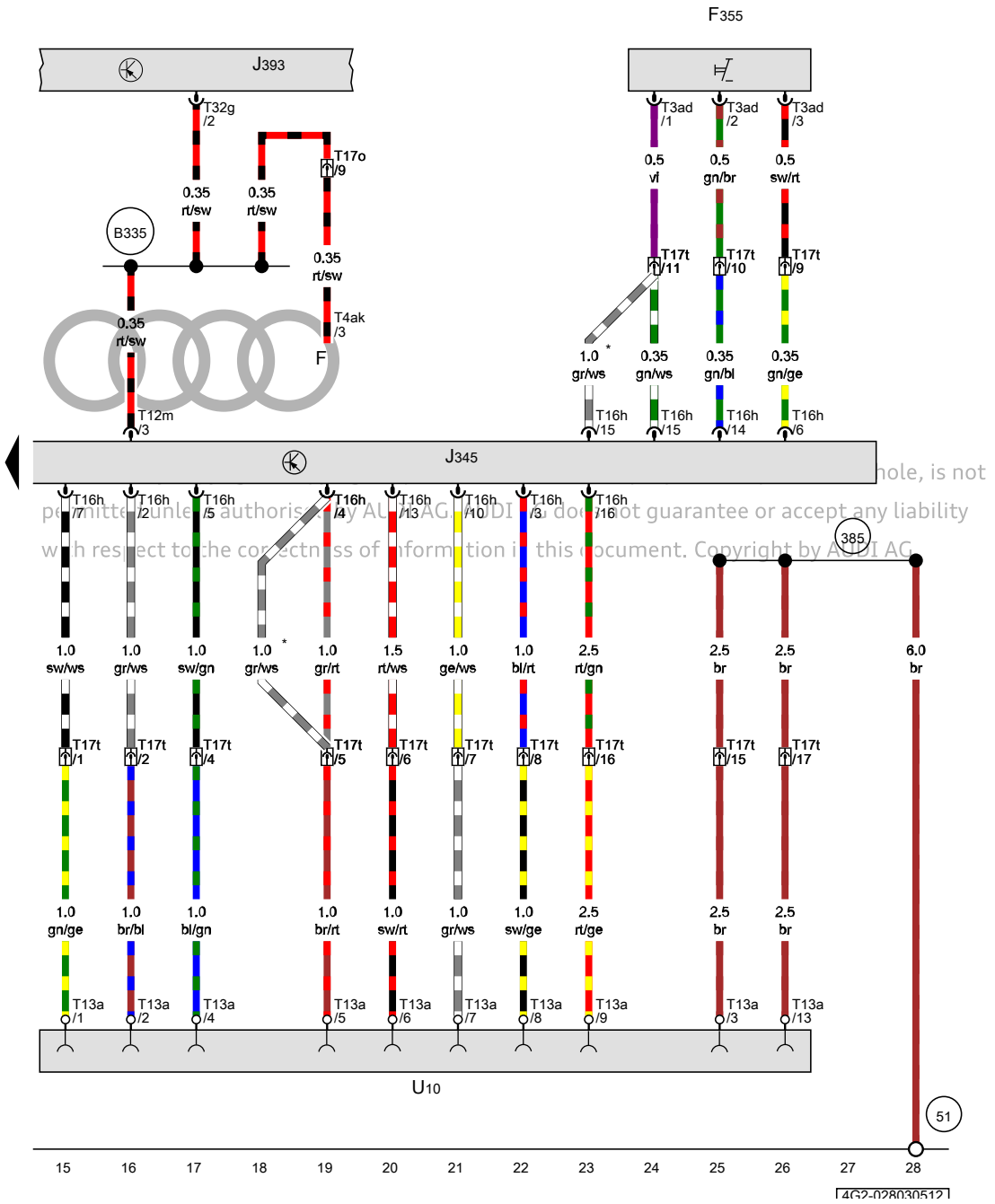
387 Earth connection 22, in main wiring harness

B281 Positive connection 5 (15a) in main wiring harness

* see applicable current flow diagram for fuse assignment
*2 Data bus wire (CAN bus)

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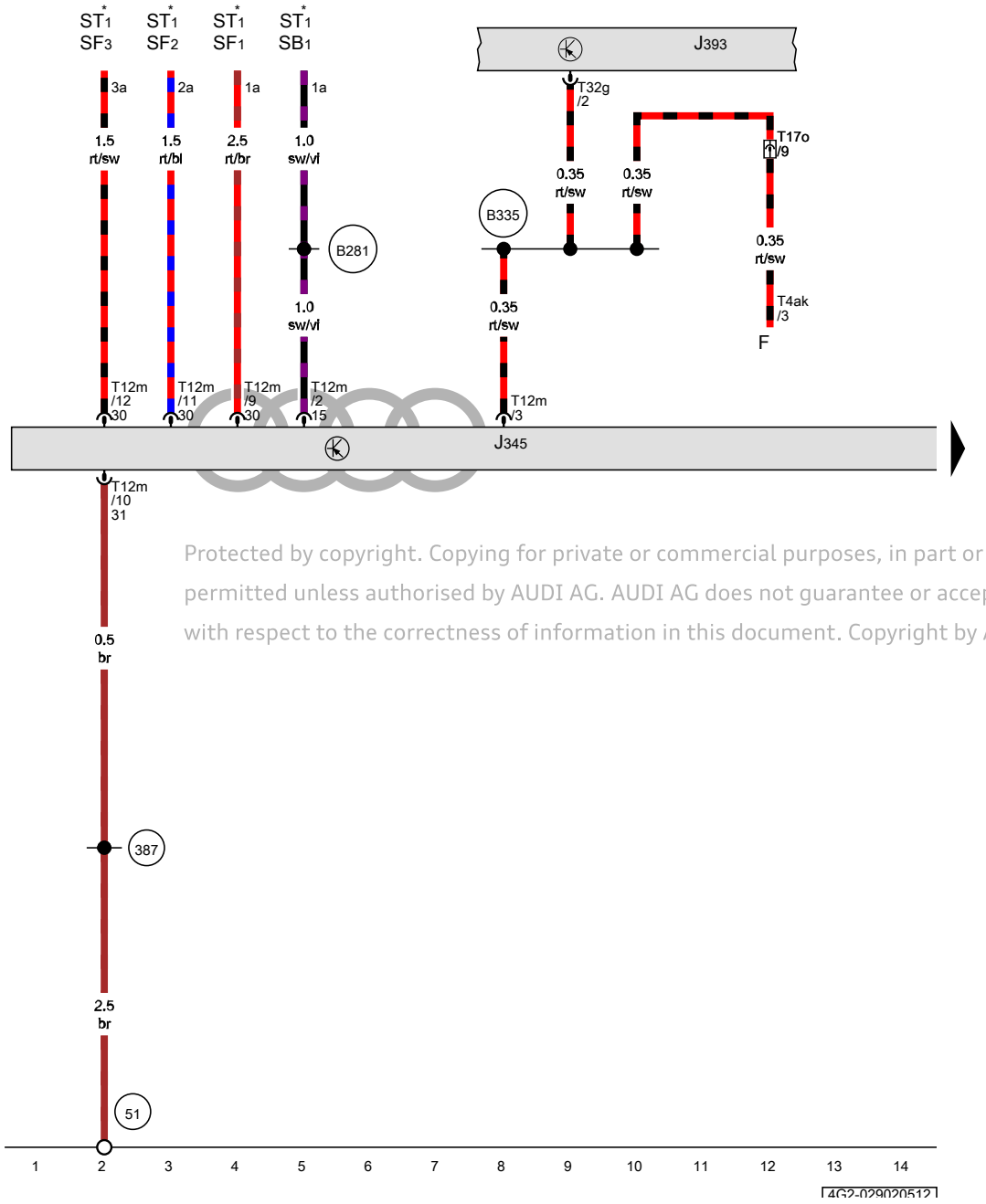
Contact switch on locking pin, Trailer detector control unit, Trailer socket

F	Brake light switch
F355	Contact switch on locking pin
J345	Trailer detector control unit
J393	Convenience system central control unit
T3ad	3-pin connector
T4ak	4-pin connector
T12m	12-pin connector
T13a	13-pin connector
T16h	16-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T17t	17-pin connector, in luggage compartment, in spare wheel well
T32g	32-pin connector
U10	Trailer socket
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
B335	Connection 1 (54), in main wiring harness
*	Only models with hybrid drive system

Preparation for trailer coupling , (1D8)

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Trailer detector control unit

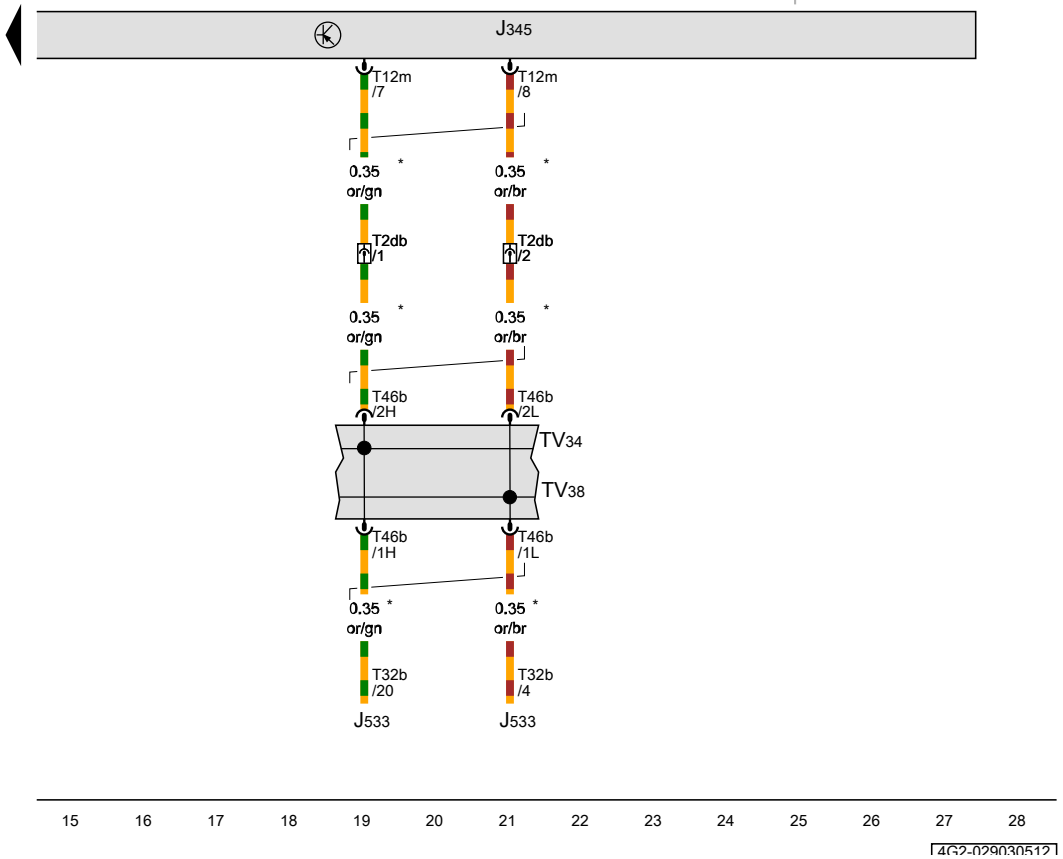
F	Brake light switch
J345	Trailer detector control unit
J393	Convenience system central control unit
SF1	Fuse 1 in fuse holder F
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
T4ak	4-pin connector
T12m	12-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T32g	32-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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or	=	orange
rs	=	pink

Trailer detector control unit

J345	Trailer detector control unit
J533	Data bus diagnostic interface
T2db	2-pin connector, on right in luggage compartment
T12m	12-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
*	Data bus wire (CAN bus)

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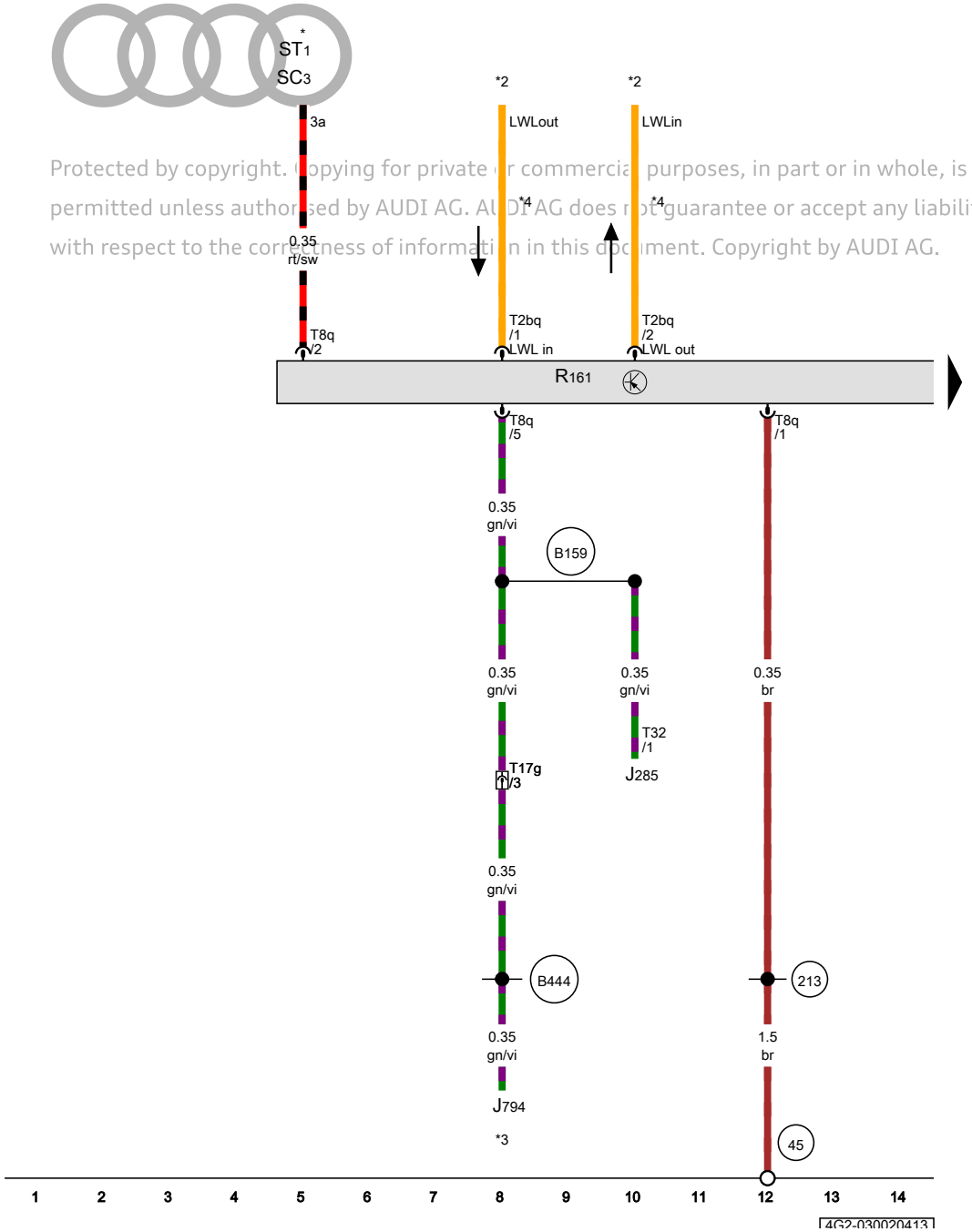


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CD/DVD changer (MOST bus)

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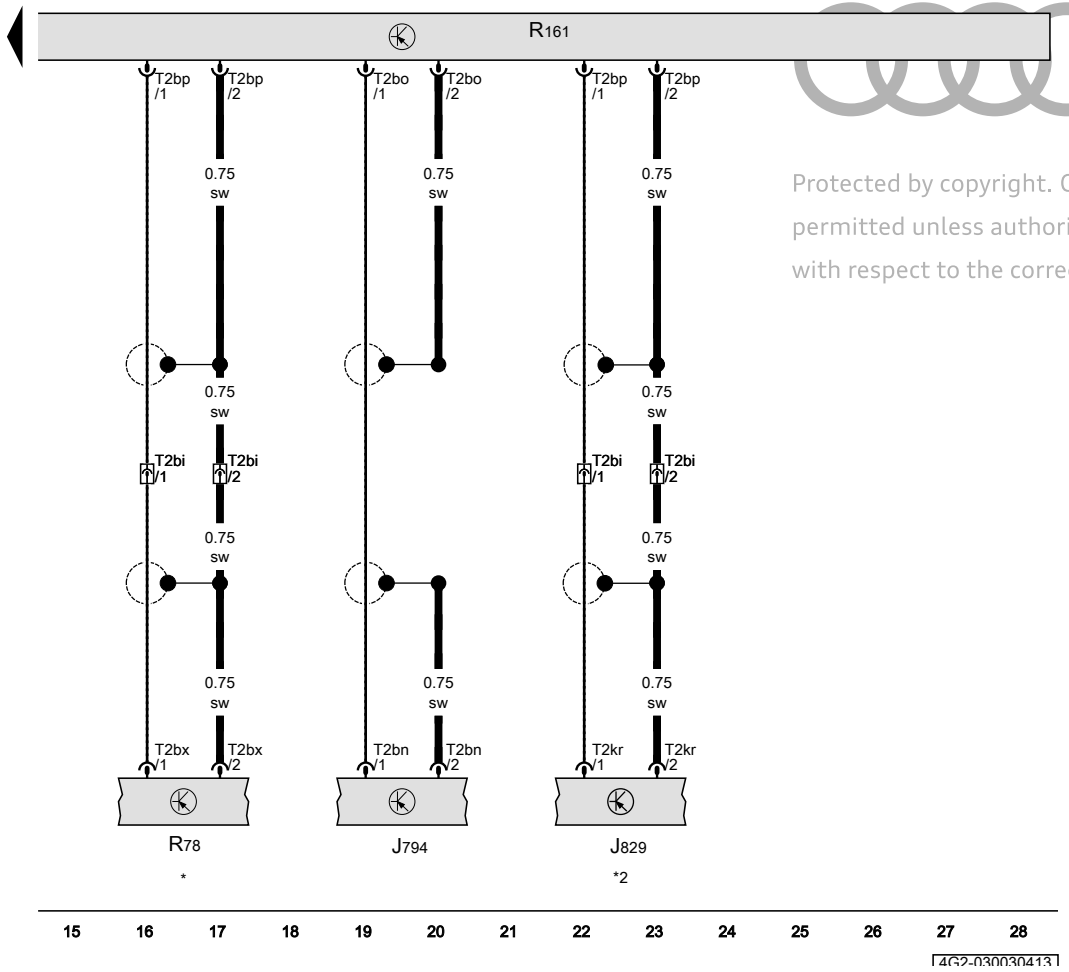
DVD changer

J285	Control unit in dash panel insert
J794	Control unit 1 for information electronics
R161	DVD changer
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T2bq	2-pin connector
T8q	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	see applicable current flow diagram
*4	Fibre optic cable (FOC)

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DVD changer

J794	Control unit 1 for information electronics
J829	Control unit 2 for information electronics
R78	TV tuner
R161	DVD changer
T2bi	2-pin connector, Relay carrier on left under dash panel
T2bn	2-pin connector
T2bo	2-pin connector
T2bp	2-pin connector
T2bx	2-pin connector
T2kr	2-pin connector
*	Only models with TV tuner
*2	Only models with Rear Seat Entertainment (RSE)



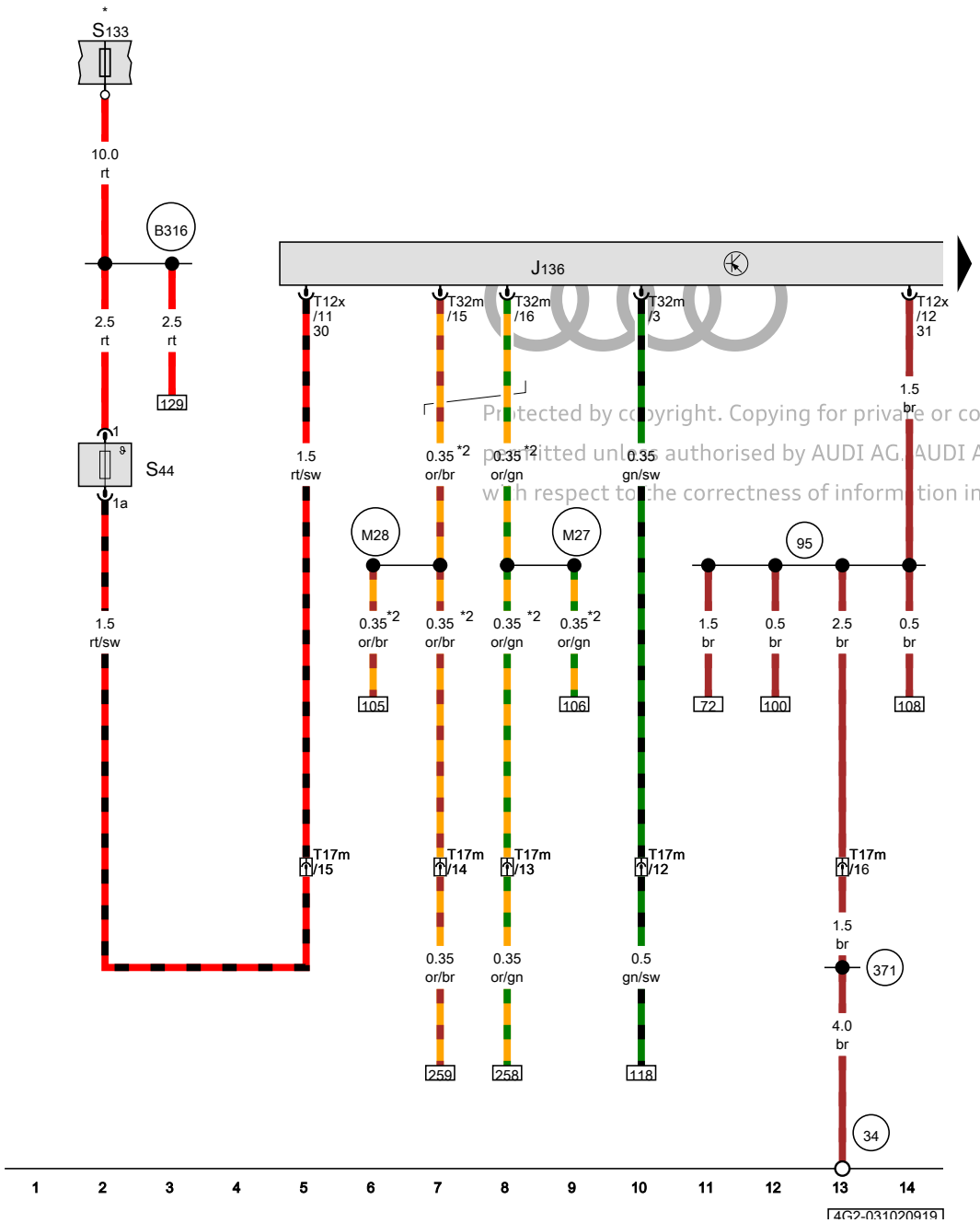
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Adjustable driver and front passenger seats , (Q2J)

From January 2011

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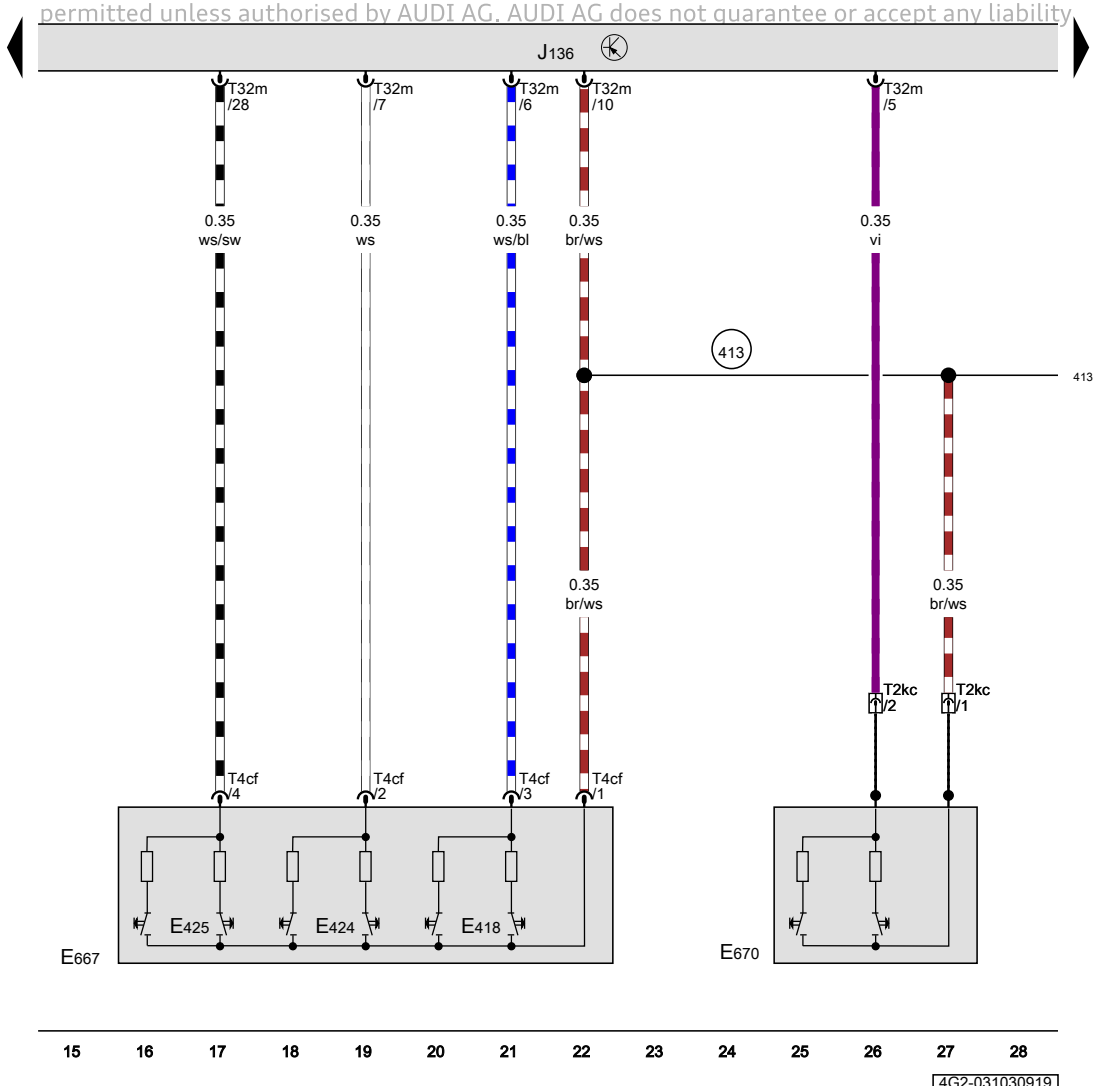
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Seat and steering column adjustment control unit with memory, Driver seat adjustment thermal fuse 1

J136	Seat and steering column adjustment control unit with memory
S44	Driver seat adjustment thermal fuse 1
S133	Fuse 3
T12x	12-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T32m	32-pin connector
34	Earth point, under driver seat
95	Earth connection 1, in seat adjustment wiring harness
371	Earth connection 6, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
M27	Connection (convenience CAN bus, high), in driver seat adjustment wiring harness
M28	Connection (convenience CAN bus, low), in driver seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus

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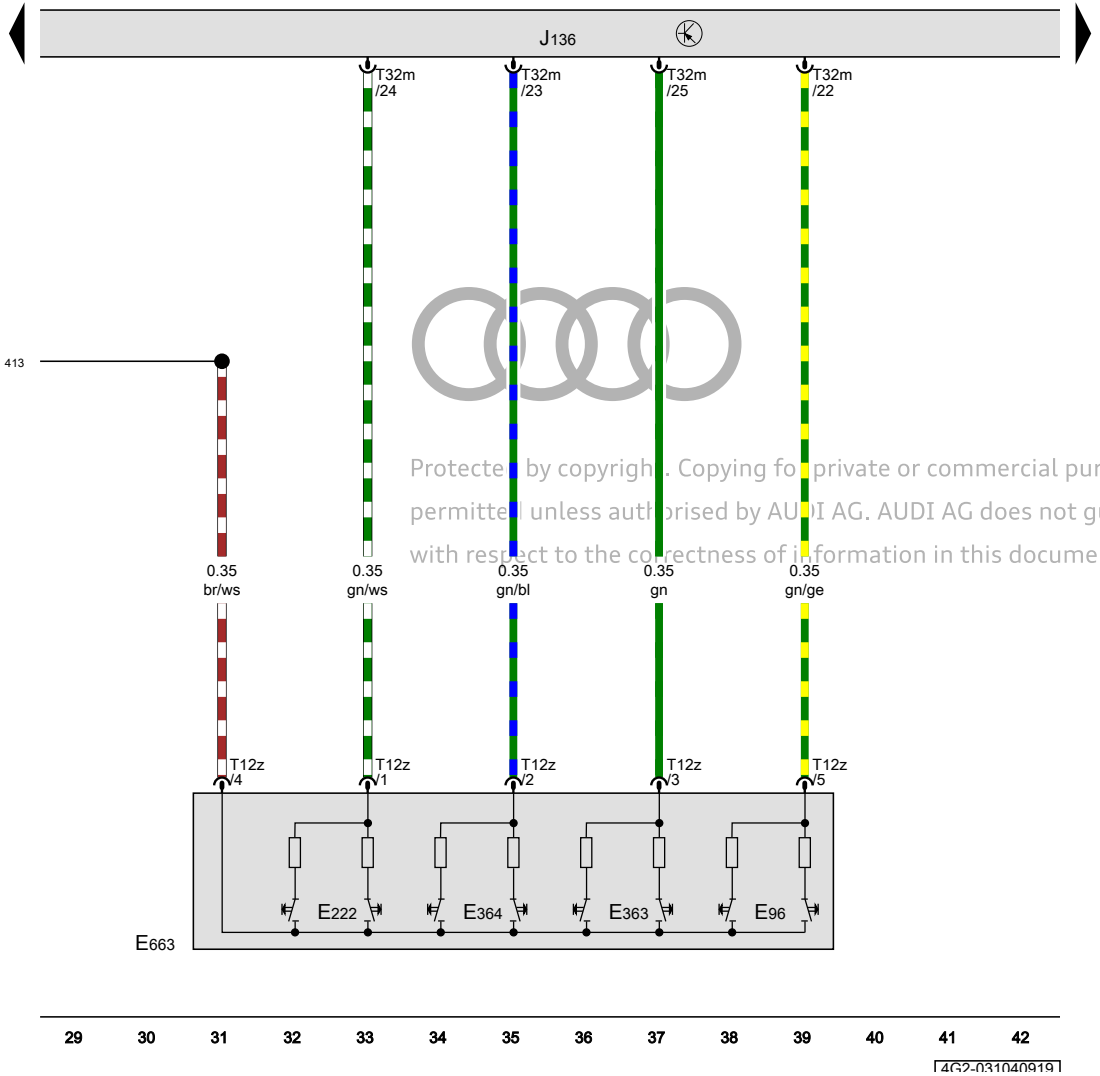
Switch module 2 for driver seat, Driver seat massage function button, Seat and steering column adjustment control unit with memory

E418	Seat longitudinal adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E667	Switch module 2 for driver seat
E670	Driver seat massage function button
J136	Seat and steering column adjustment control unit with memory
T2kc	2-pin connector, in driver seat
T4cf	4-pin connector
T32m	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness

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Switch module for driver seat, Seat and steering column adjustment control unit with memory

E96	Driver seat backrest adjustment switch
E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
E364	Driver seat height adjustment switch
E663	Switch module for driver seat
J136	Seat and steering column adjustment control unit with memory
T12z	12-pin connector
T32m	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness

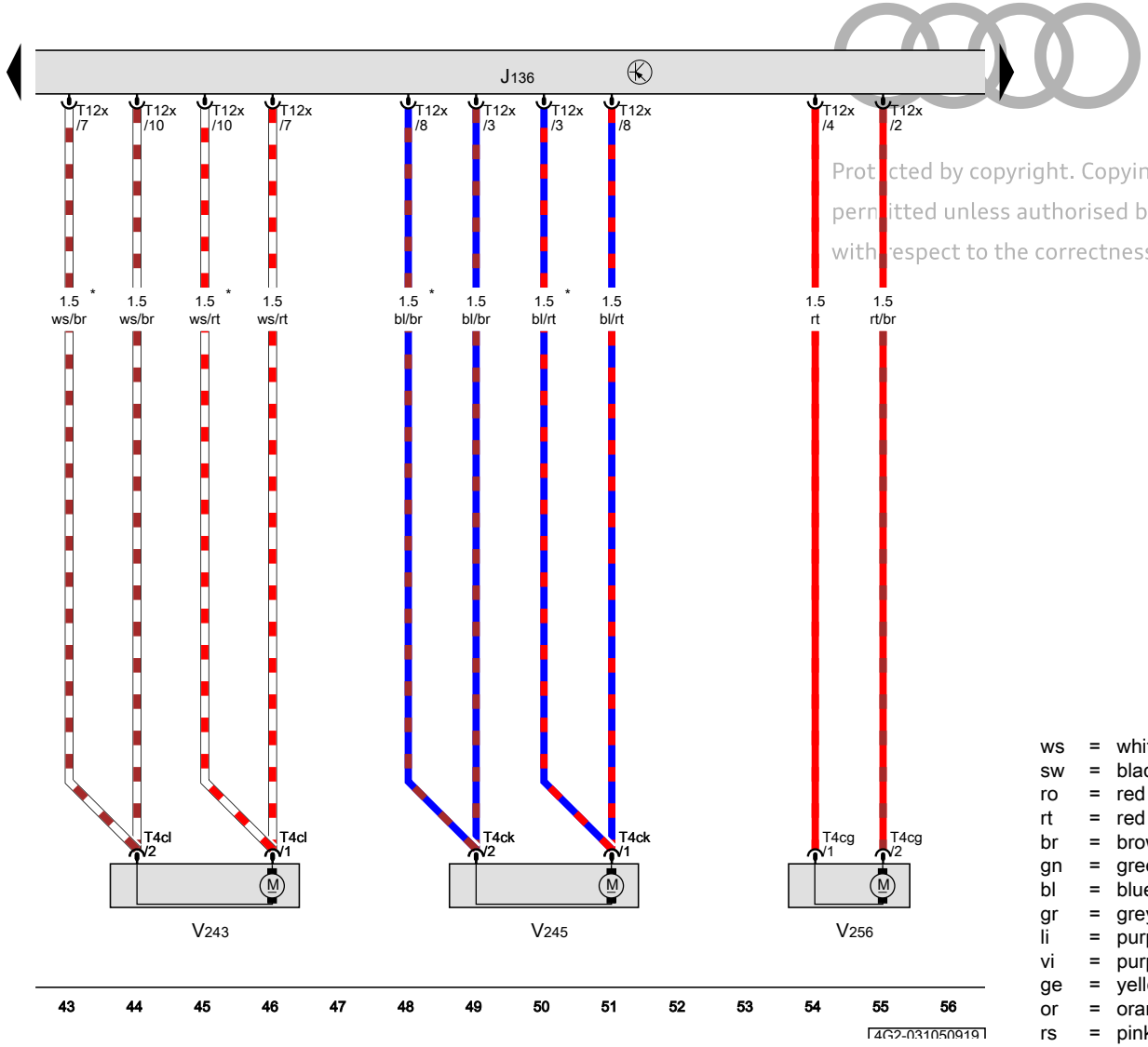


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Seat and steering column adjustment control unit with memory, Driver seat rake adjustment motor, Driver seat height adjustment motor

J136	Seat and steering column adjustment control unit with memory
T4cg	4-pin connector
T4ck	4-pin connector
T4cl	4-pin connector
T12x	12-pin connector
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
V256	Driver seat depth adjustment motor
*	For right-hand drive models

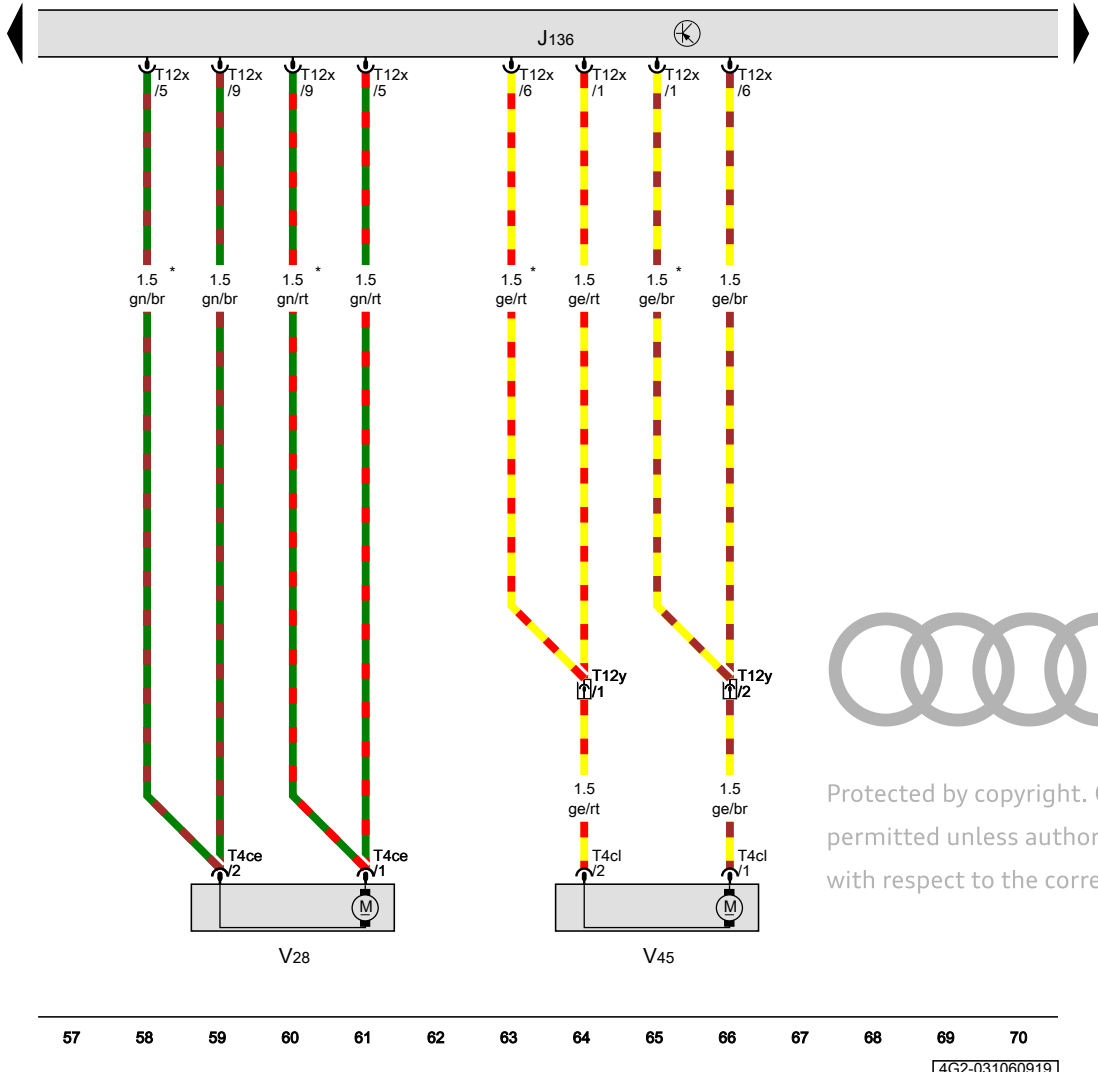


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Seat and steering column adjustment control unit with memory, Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor

J136	Seat and steering column adjustment control unit with memory
T4ce	4-pin connector
T4cl	4-pin connector
T12x	12-pin connector
T12y	12-pin connector, in driver seat
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
*	For right-hand drive models

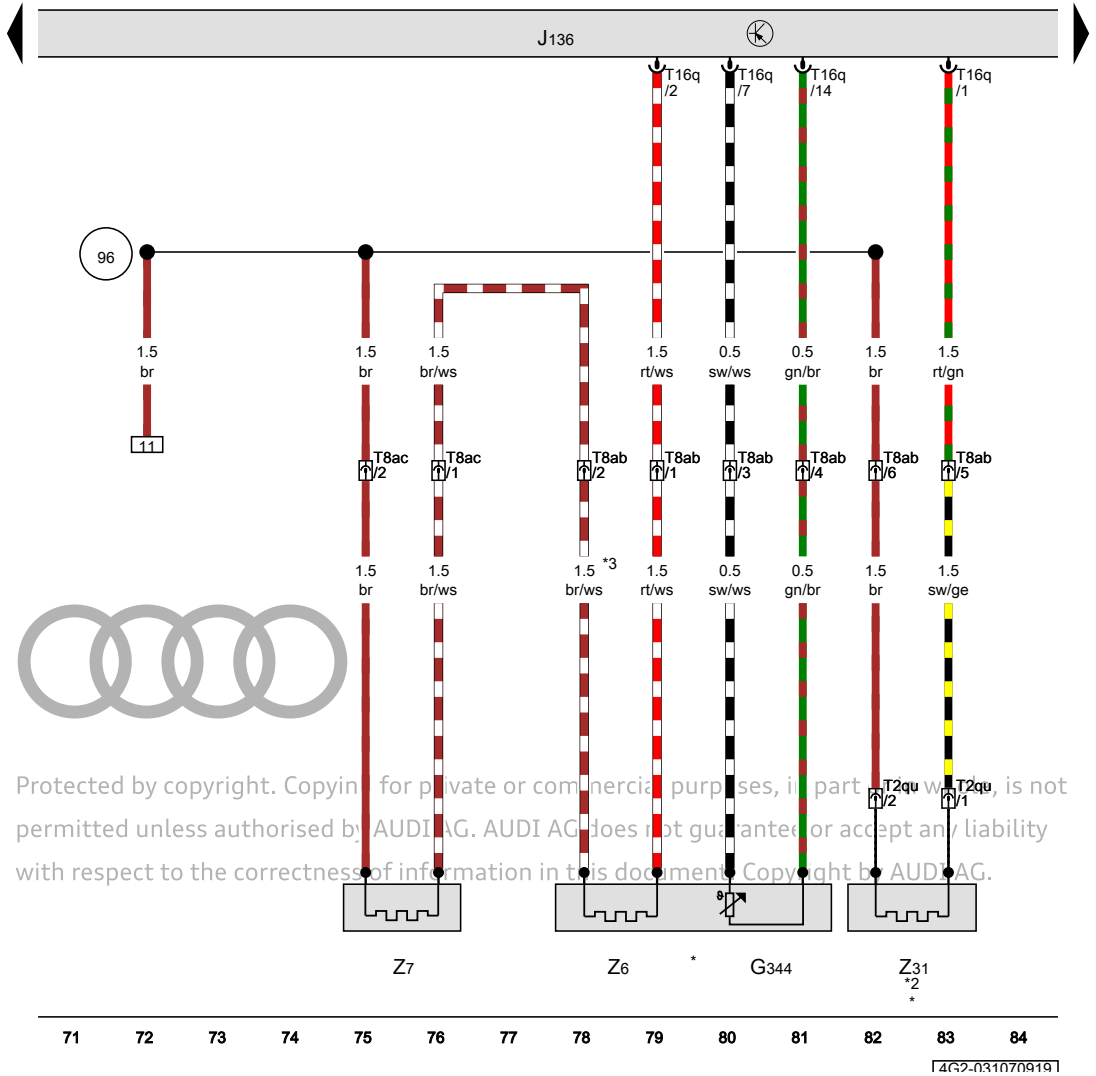


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Front left seat temperature sender, Seat and steering column adjustment control unit with memory, Heated seat cushion for driver seat, Heated backrest for driver seat

G344	Front left seat temperature sender
J136	Seat and steering column adjustment control unit with memory
T2qu	2-pin connector, black
T8ab	8-pin connector, in driver seat, brown
T8ac	8-pin connector, in driver seat, black
T16q	16-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z31	Driver seat cushion lateral support heater
96	Earth connection 1, in seat heating wiring harness
*	For models with seat ventilation
*2	Pre-wired component
*3	Wiring colour depends on equipment

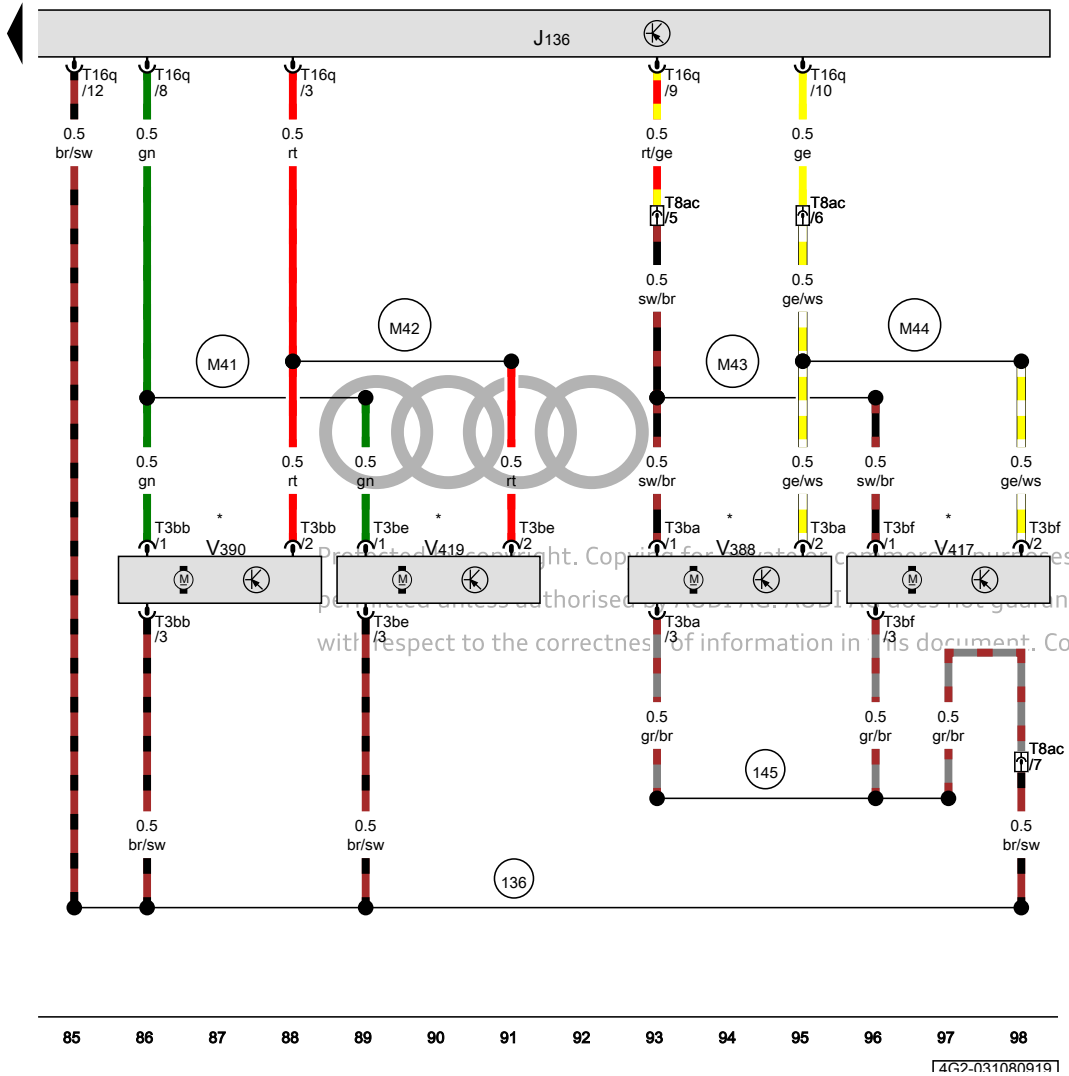


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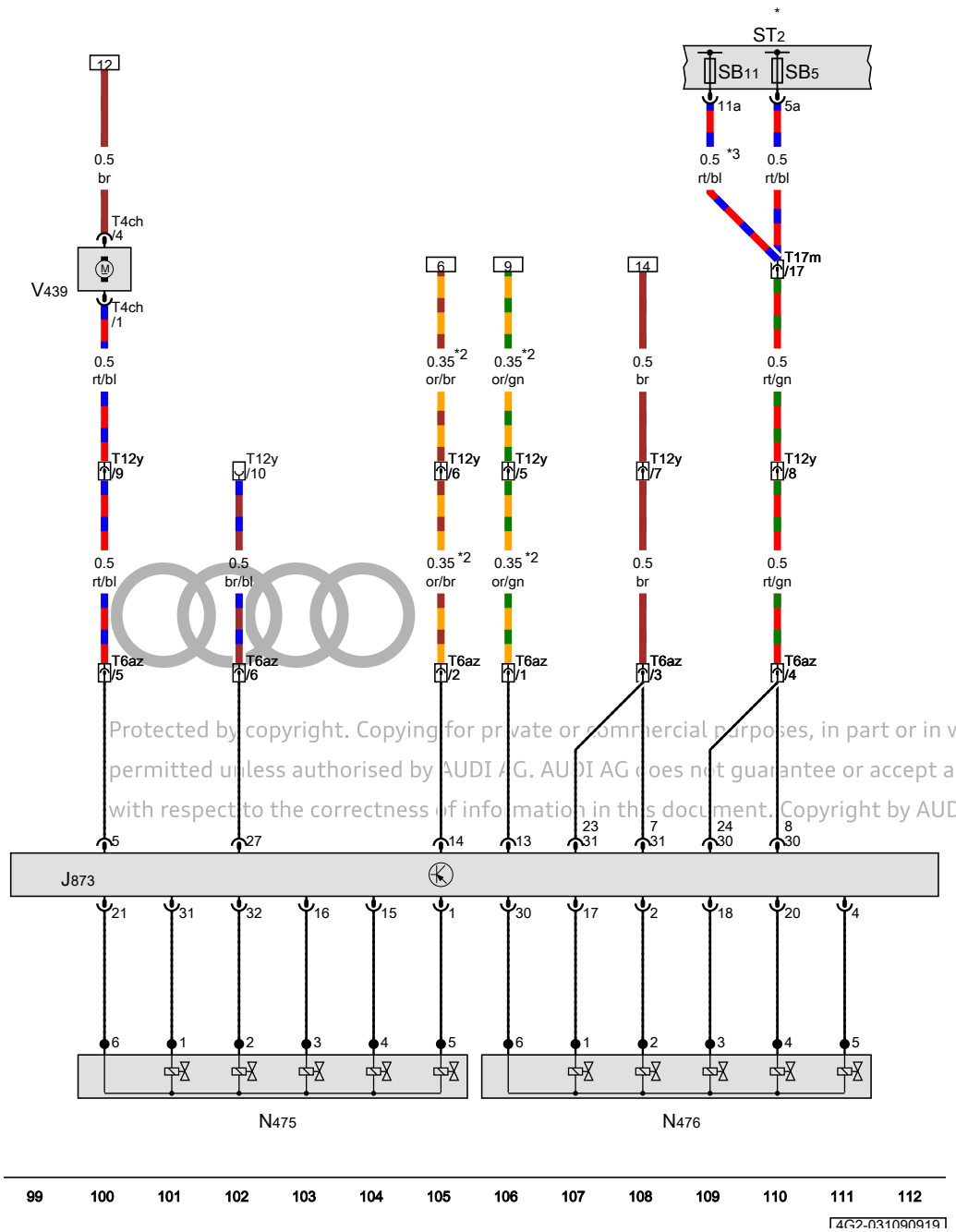
Seat and steering column adjustment control unit with memory, Driver seat backrest fan, Driver seat cushion fan

J136	Seat and steering column adjustment control unit with memory
T3ba	3-pin connector
T3bb	3-pin connector
T3be	3-pin connector
T3bf	3-pin connector
T8ac	8-pin connector, in driver seat, black
T16q	16-pin connector
V388	Driver seat backrest fan
V390	Driver seat cushion fan
V417	Driver seat backrest fan 2
V419	Driver seat cushion fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M41	Connection 1, in driver seat wiring harness
M42	Connection 2, in driver seat wiring harness
M43	Connection 3, in driver seat wiring harness
M44	Connection 4, in driver seat wiring harness
*	For models with seat ventilation



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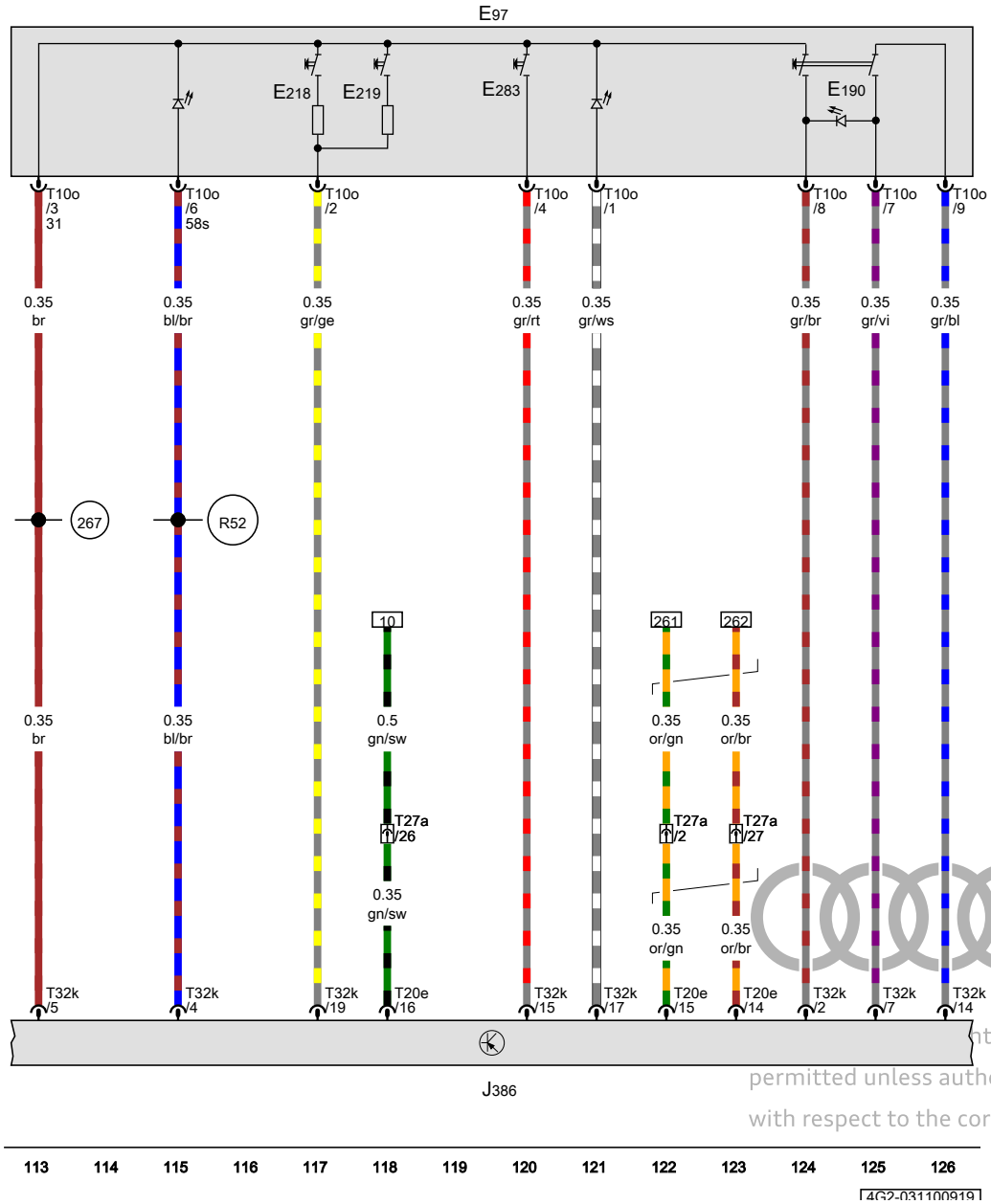
Control unit for driver multicontour seat, Valve block 1 in driver seat, Valve block 2 in driver seat, Compressor for multicontour driver seat

E338	Seat memory button for seat positions 1 and 2
J873	Control unit for driver multicontour seat
N475	Valve block 1 in driver seat
N476	Valve block 2 in driver seat
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
SB11	Fuse 11 on fuse holder B
T4ch	4-pin connector
T6az	6-pin connector, in driver seat
T12y	12-pin connector, in driver seat
T17m	17-pin connector, in coupling point for front seat, left
V439	Compressor for multicontour driver seat
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus
*3	From June 2014

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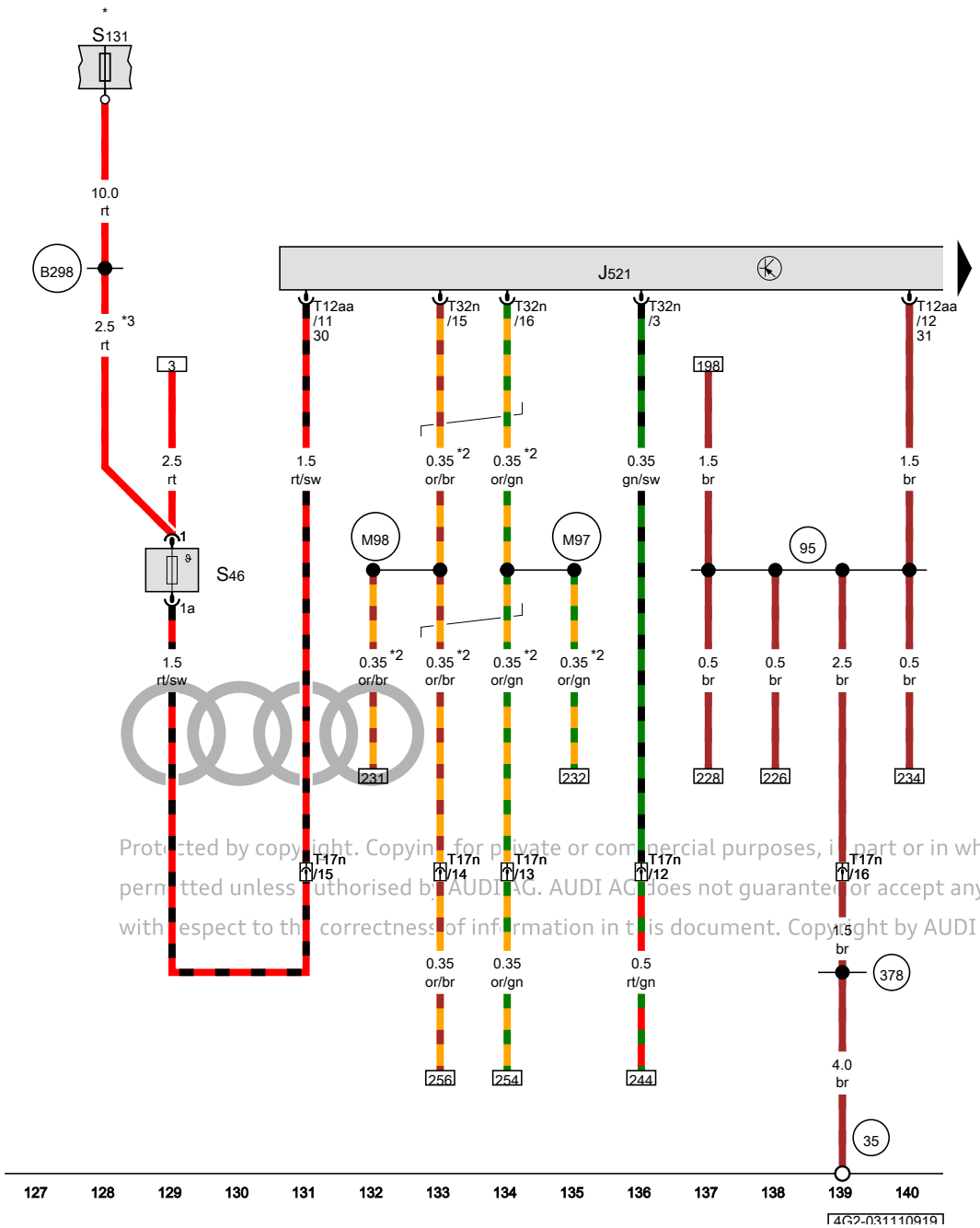
Driver seat memory operating unit, Emergency-off button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T20e	20-pin connector
T27a	27-pin connector, on left A-pillar
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness



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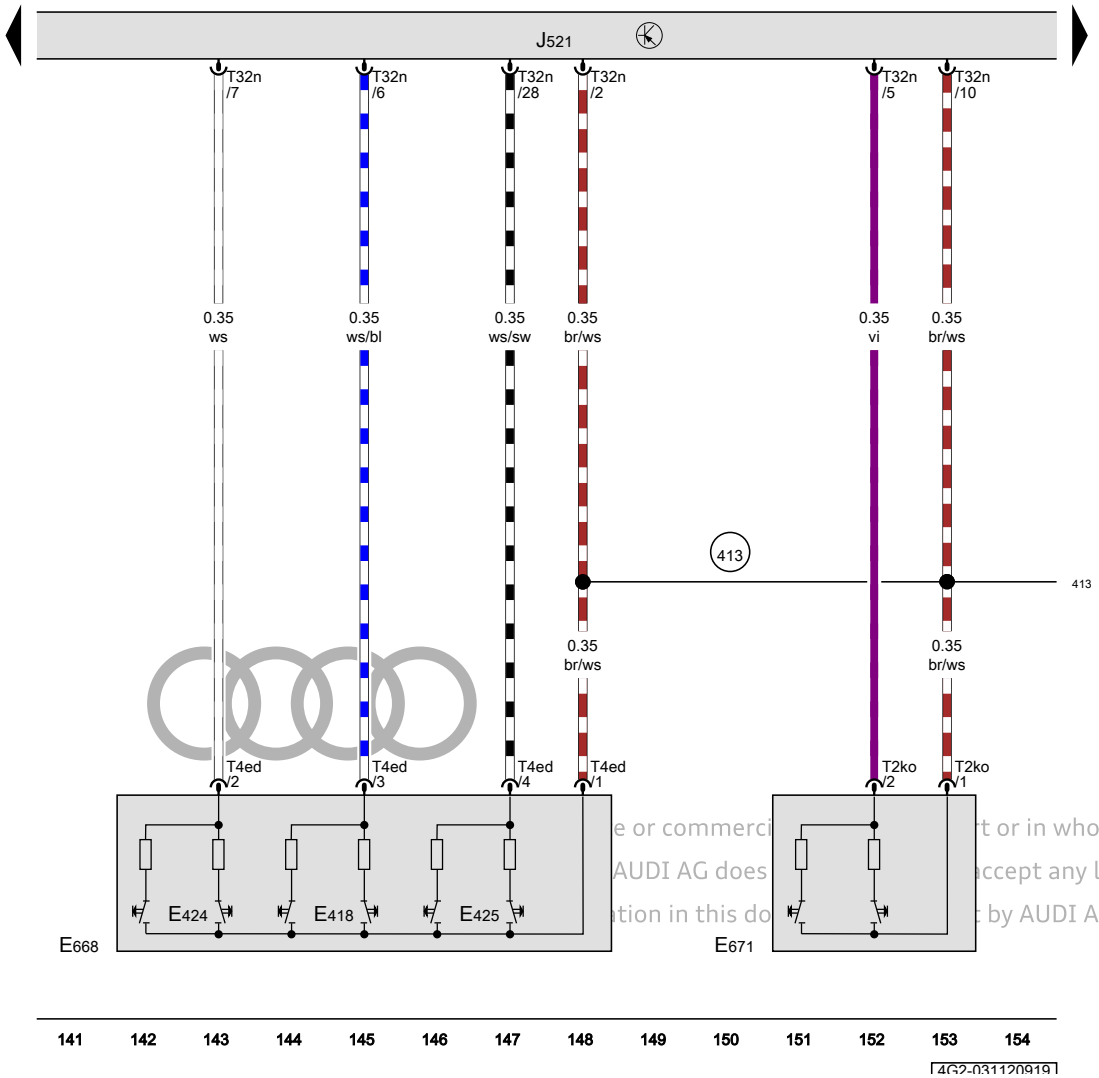
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Front passenger seat adjustment with memory control unit, Front passenger seat adjustment thermal fuse 1

J521	Front passenger seat adjustment with memory control unit
S46	Front passenger seat adjustment thermal fuse 1
S131	Fuse 1
T12aa	12-pin connector
T17n	17-pin connector, in coupling point for front seat, right
T32n	32-pin connector
35	Earth point, under front passenger seat
95	Earth connection 1, in seat adjustment wiring harness
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
M97	Connection (convenience CAN bus, high), in front passenger seat adjustment wiring harness
M98	Connection (convenience CAN bus, low), in front passenger seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus
*3	From June 2014

Switch module 2 for front passenger seat, Front passenger seat massage function button, Front passenger seat adjustment with memory control unit

E418	Seat longitudinal adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
E668	Switch module 2 for front passenger seat
E671	Front passenger seat massage function button
J521	Front passenger seat adjustment with memory control unit
T2ko	2-pin connector
T4ed	4-pin connector
T32n	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness

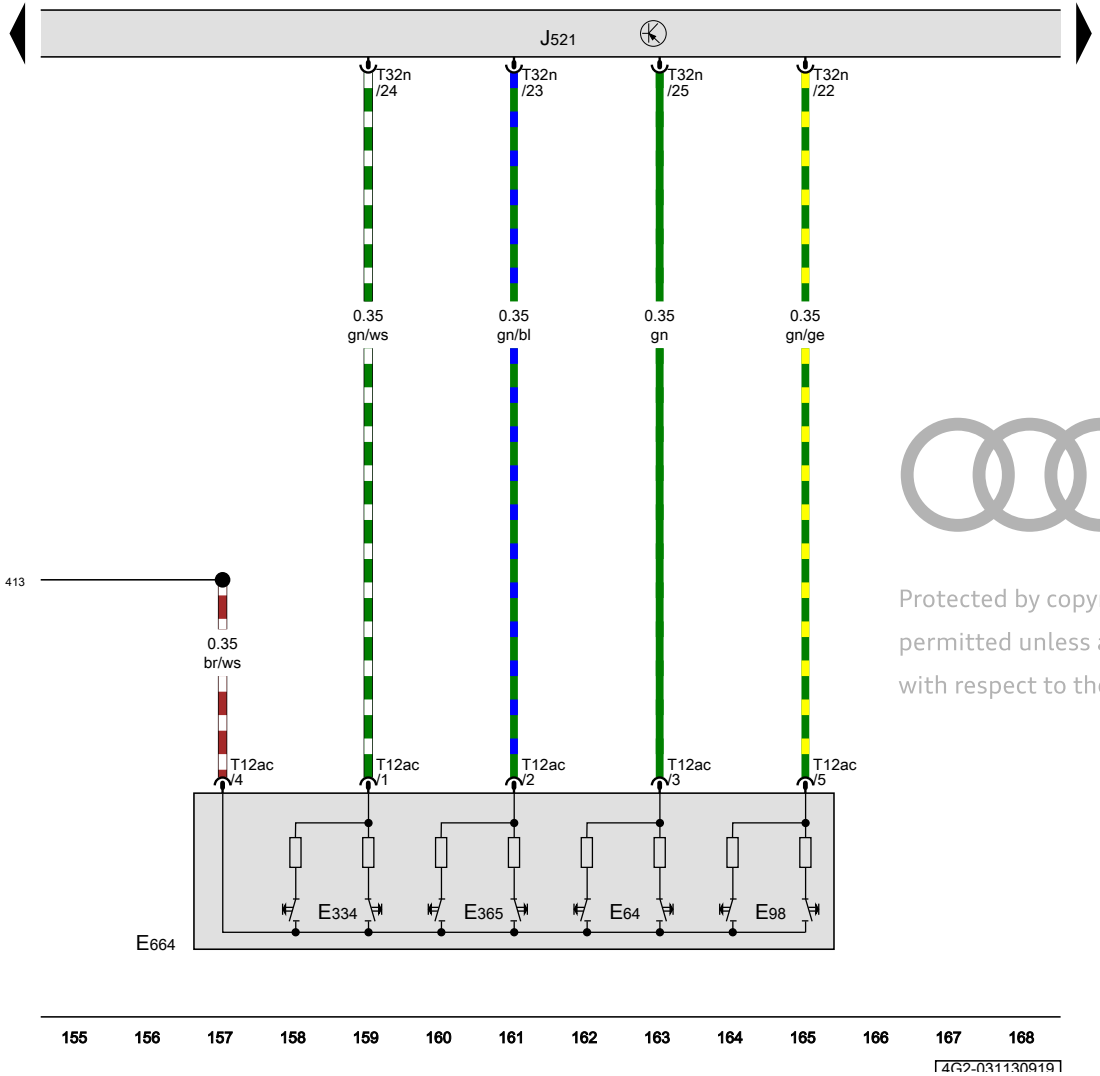


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Switch module for front passenger seat, Front passenger seat adjustment with memory control unit

E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E664	Switch module for front passenger seat
J521	Front passenger seat adjustment with memory control unit
T12ac	12-pin connector
T32n	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness

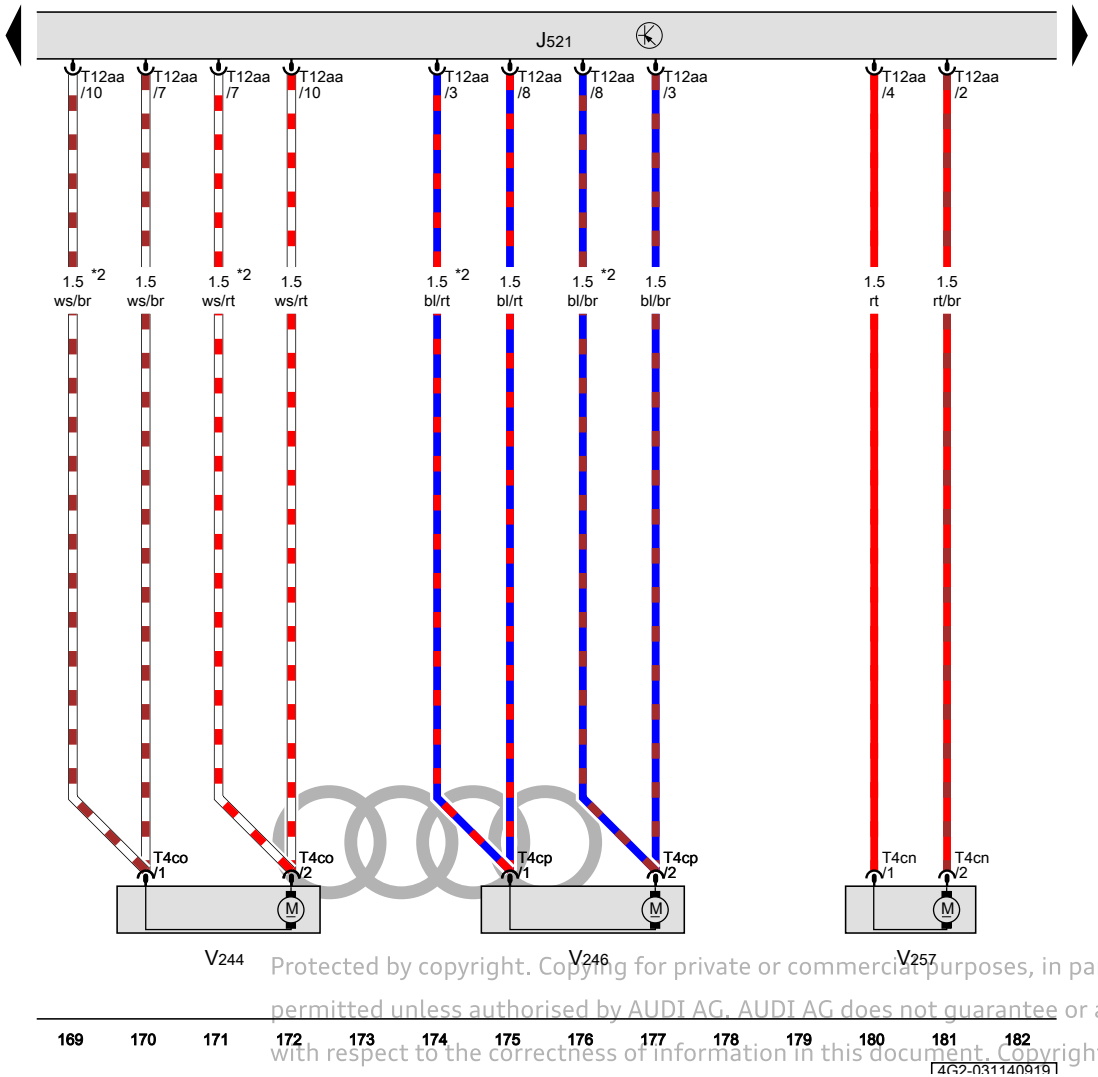


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Front passenger seat adjustment with memory control unit, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

J521	Front passenger seat adjustment with memory control unit
T4cn	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T12aa	12-pin connector
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor
V257	Front passenger seat depth adjustment motor
*	Convenience CAN bus
*2	For right-hand drive models

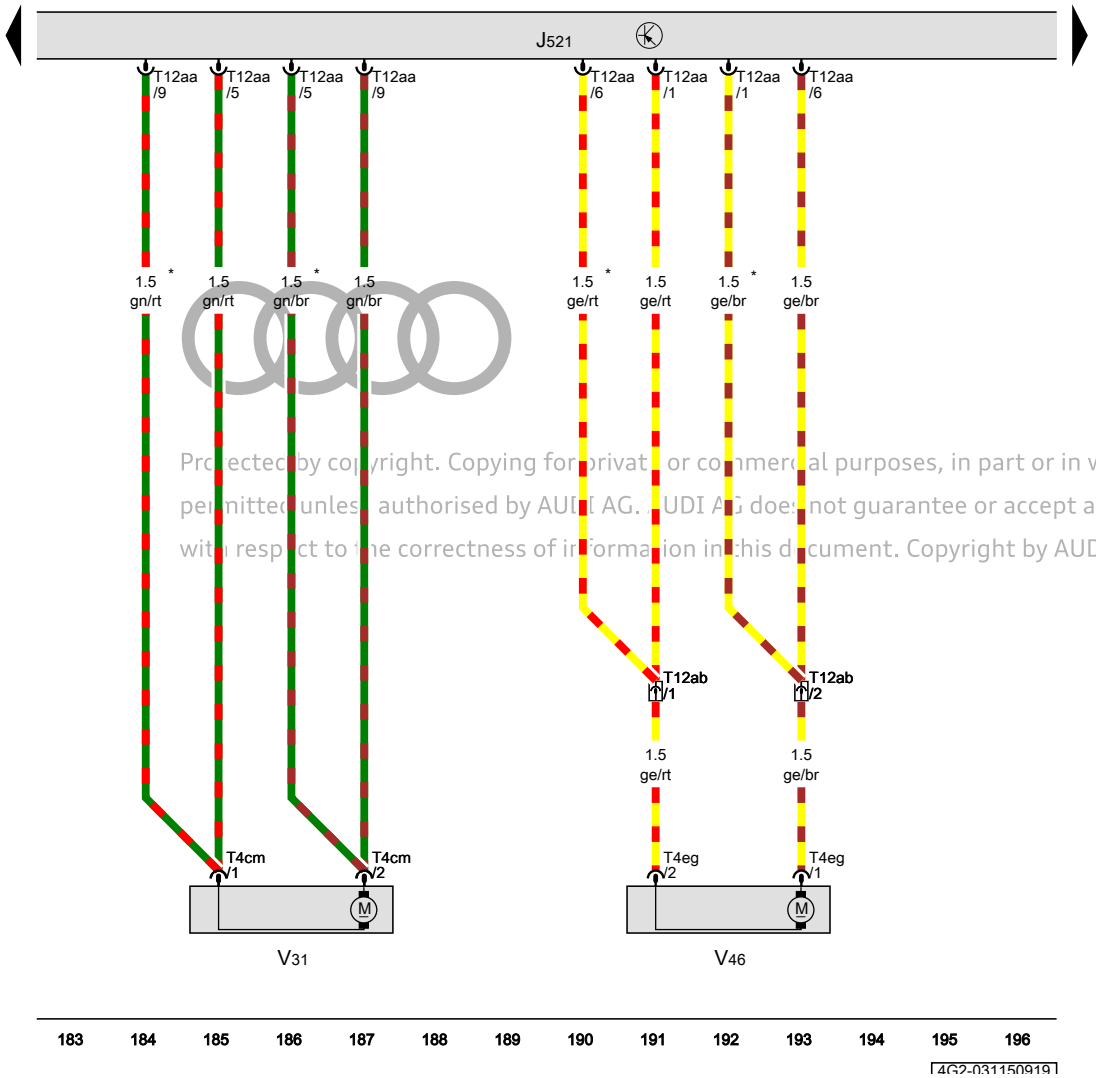


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Front passenger seat adjustment with memory control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat backrest adjustment motor

J521	Front passenger seat adjustment with memory control unit
T4cm	4-pin connector
T4eg	4-pin connector
T12aa	12-pin connector
T12ab	12-pin connector, in front passenger seat
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
*	For right-hand drive models



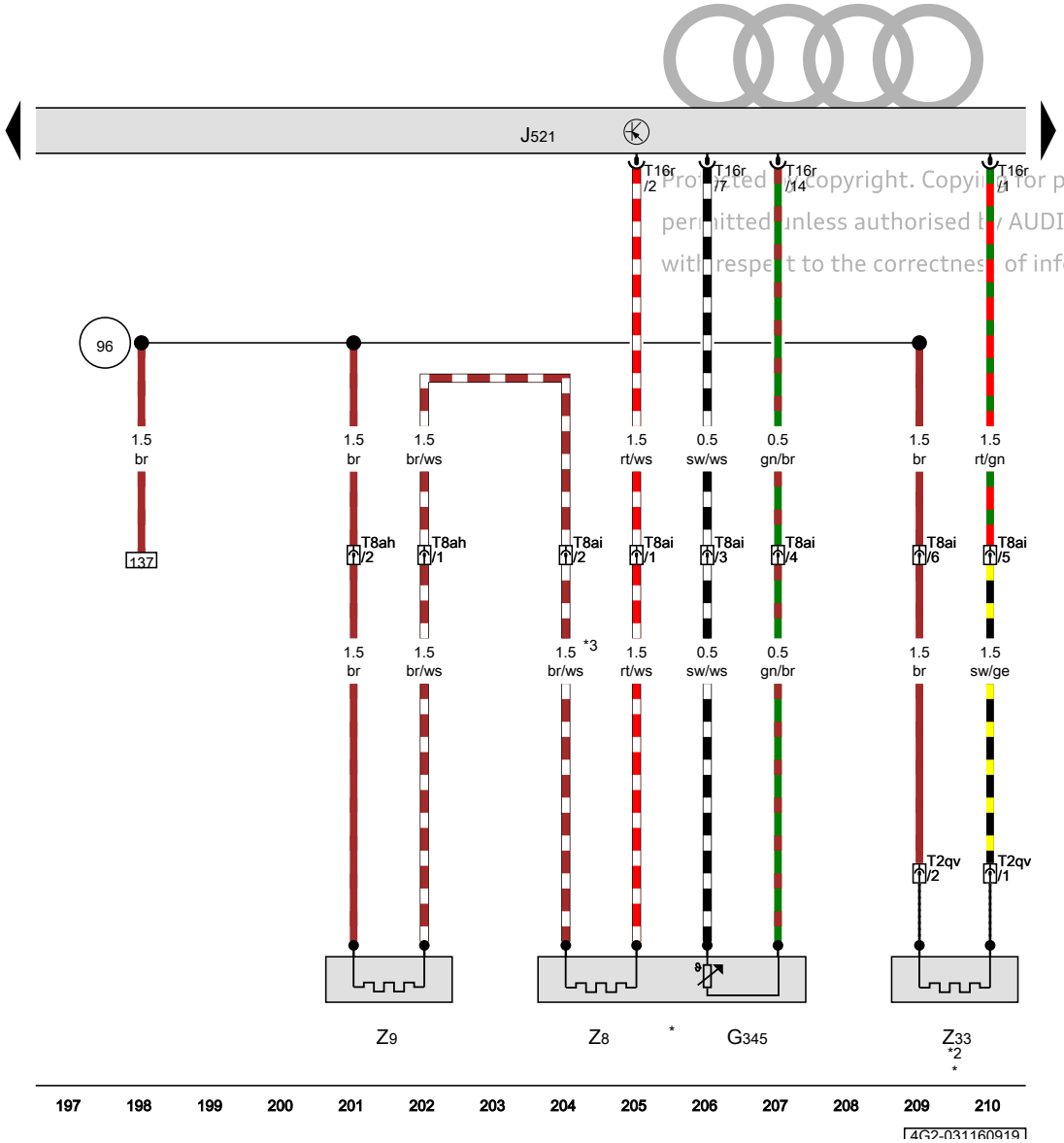
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Front right seat temperature sender, Front passenger seat adjustment with memory control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

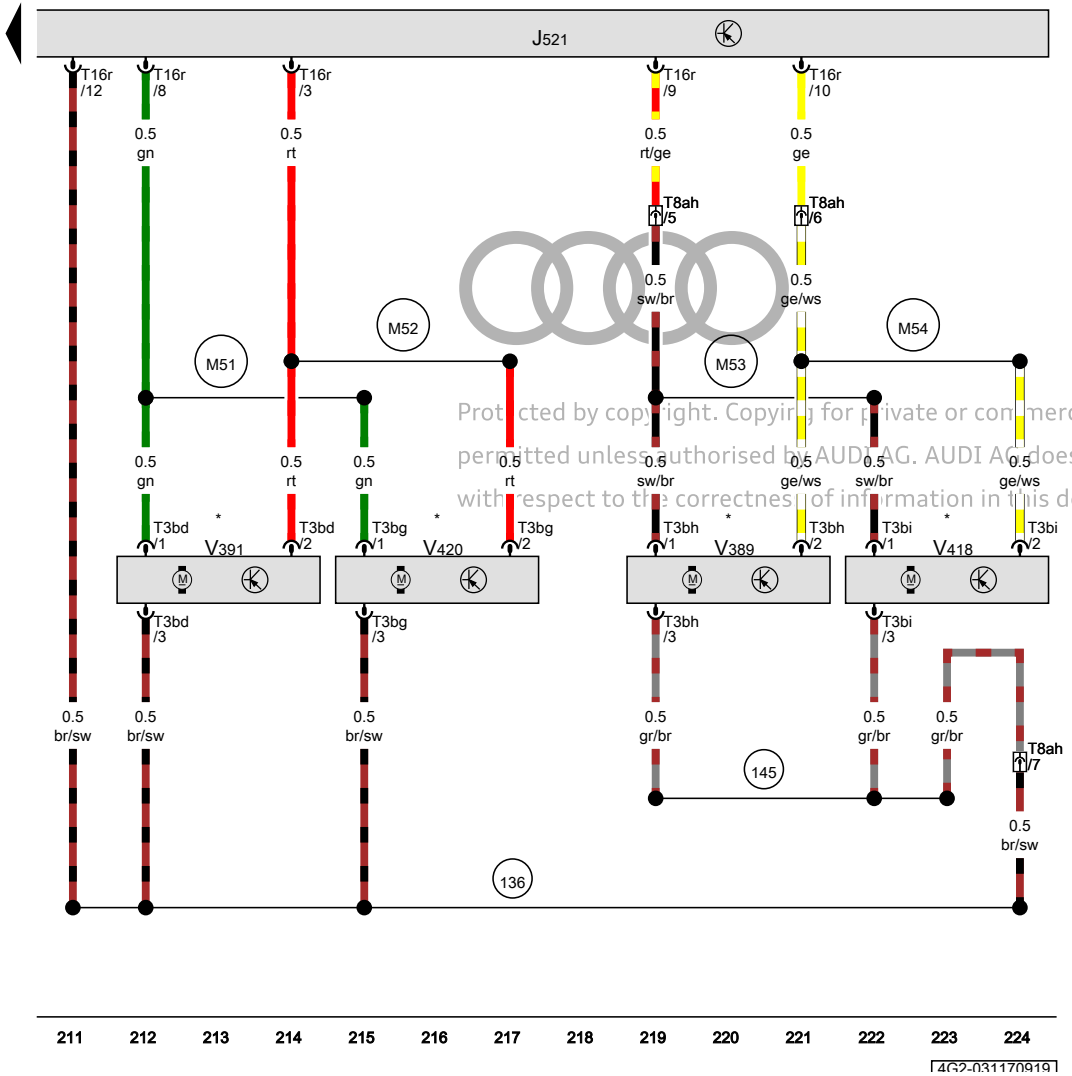
G345	Front right seat temperature sender
J521	Front passenger seat adjustment with memory control unit
T2qv	2-pin connector, black
T8ah	8-pin connector, in front passenger seat, black
T8ai	8-pin connector, in front passenger seat, brown
T16r	16-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
Z33	Front passenger seat lateral support heater
96	Earth connection 1, in seat heating wiring harness
*	For models with seat ventilation
*2	Pre-wired component
*3	Wiring colour depends on equipment

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Front passenger seat adjustment with memory control unit, Front passenger seat backrest fan, Front passenger seat cushion fan

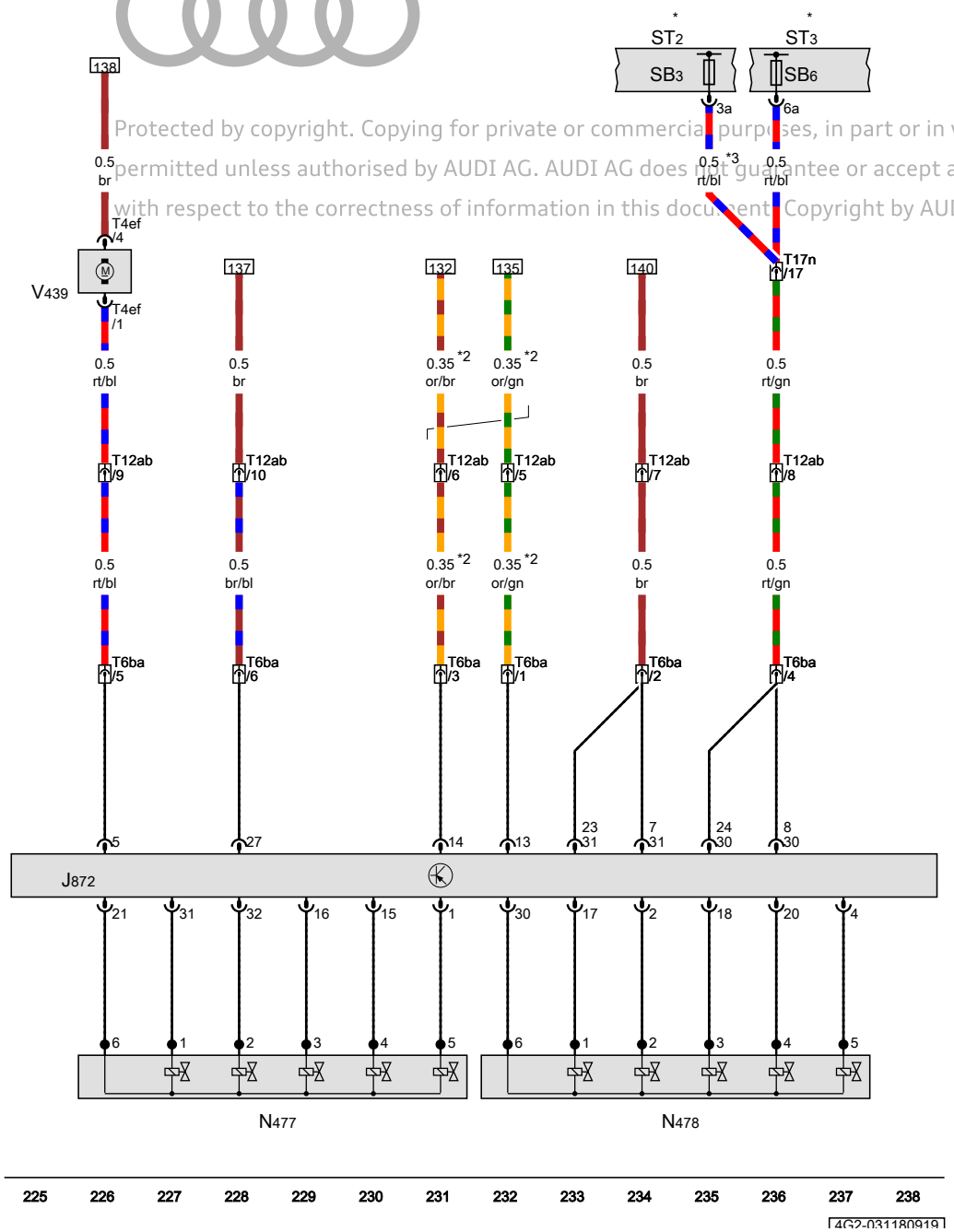


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J521	Front passenger seat adjustment with memory control unit
T3bd	3-pin connector
T3bg	3-pin connector
T3bh	3-pin connector
T3bi	3-pin connector
T8ah	8-pin connector, in front passenger seat, black
T16r	16-pin connector
V389	Front passenger seat backrest fan
V391	Front passenger seat cushion fan
V418	Front passenger seat backrest fan 2
V420	Front passenger seat cushion fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M51	Connection 1, in front passenger seat wiring harness
M52	Connection 2, in front passenger seat wiring harness
M53	Connection 3, in front passenger seat wiring harness
M54	Connection 4, in front passenger seat wiring harness
*	For models with seat ventilation

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

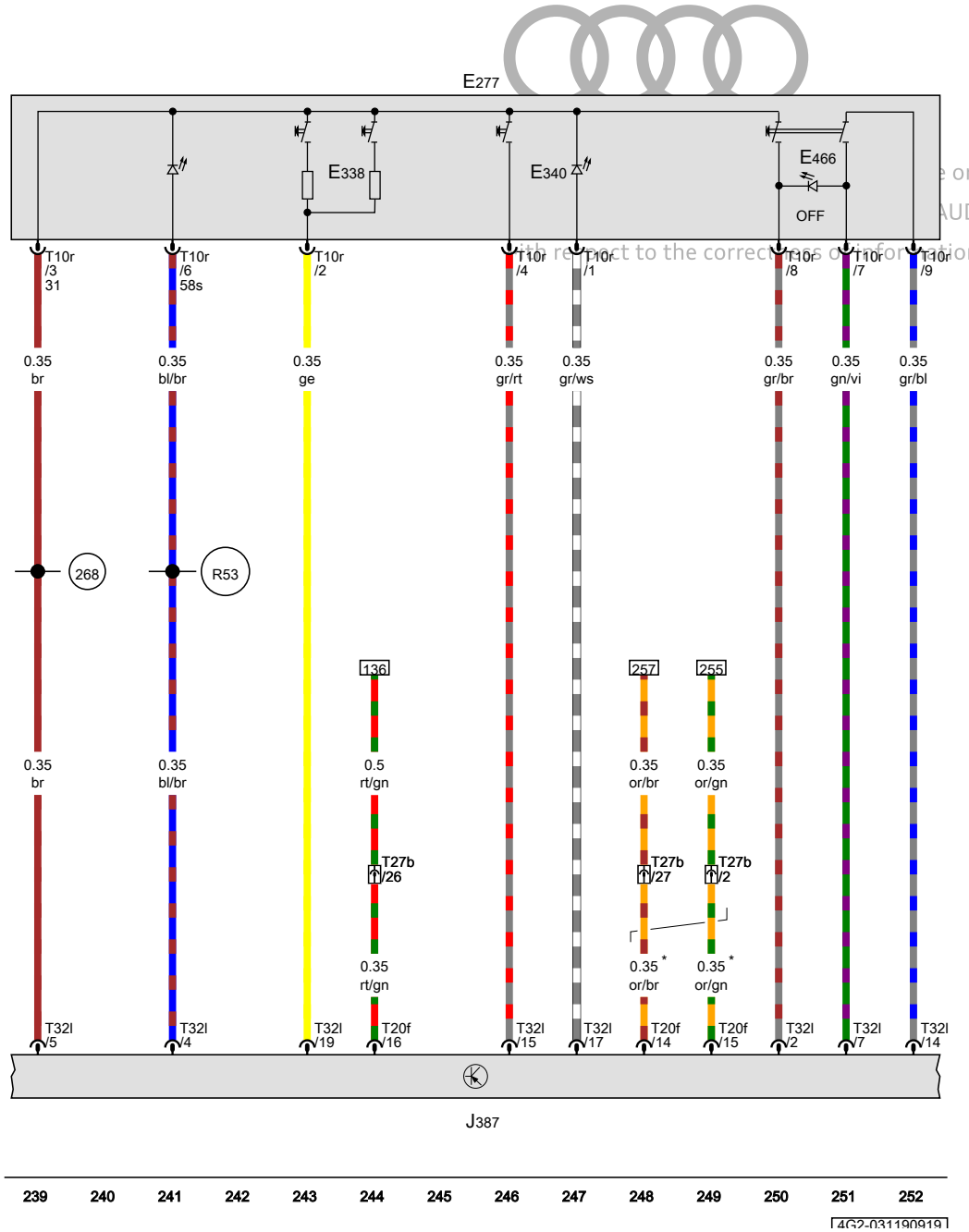
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Control unit for front passenger multicontour seat, Valve block 1 in front passenger seat, Valve block 2 in front passenger seat, Compressor for multicontour driver seat

J872	Control unit for front passenger multicontour seat
N477	Valve block 1 in front passenger seat
N478	Valve block 2 in front passenger seat
ST2	Fuse carrier 2
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
T4ef	4-pin connector
T6ba	6-pin connector, in front passenger seat
T12ab	12-pin connector, in front passenger seat armrest
T17n	17-pin connector, in coupling point for front seat, right
V439	Compressor for multicontour driver seat
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

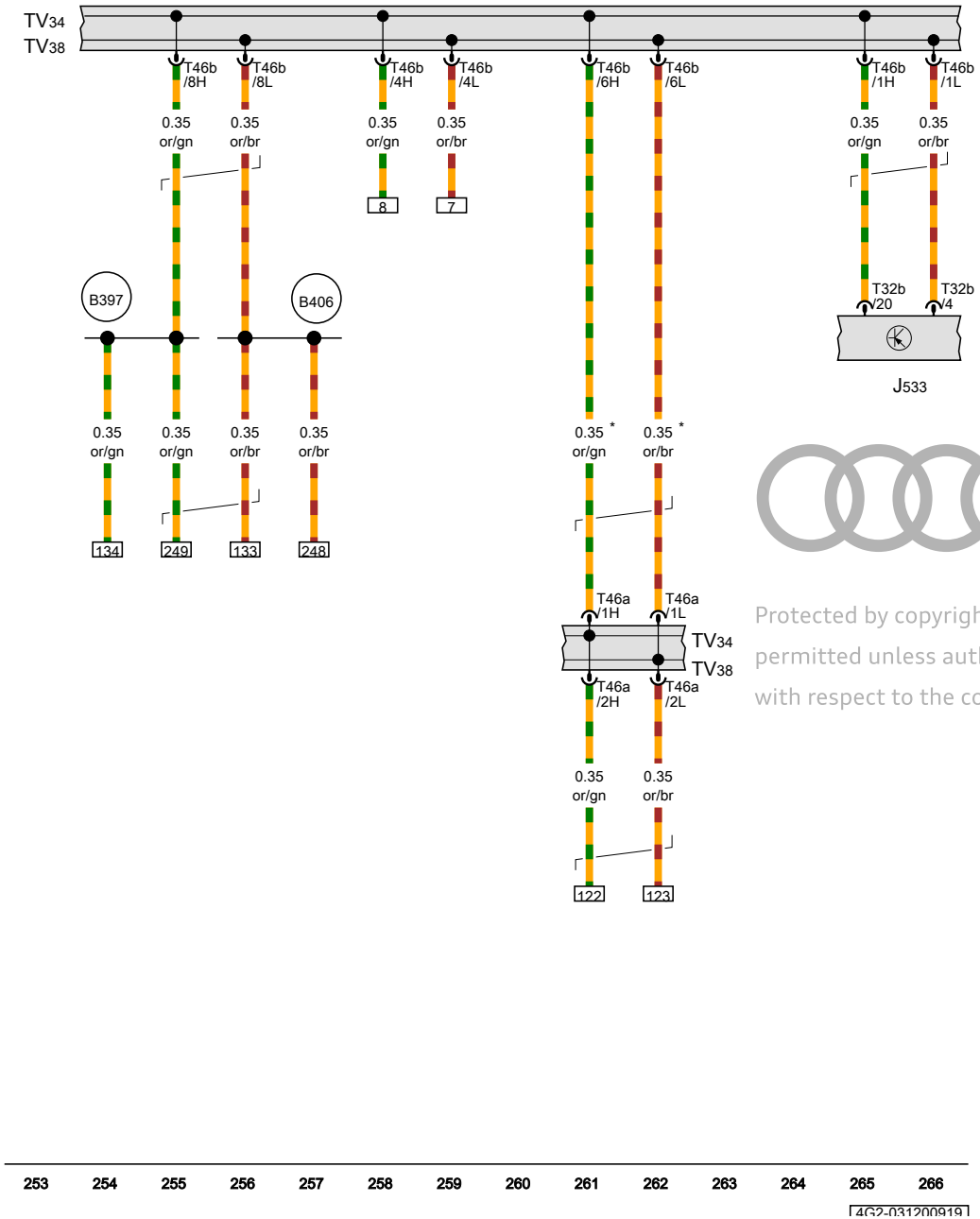


Front passenger seat memory operating unit, Front passenger side emergency off button, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T20f	20-pin connector
T27b	27-pin connector, on right A-pillar
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Convenience CAN bus

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, low

J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

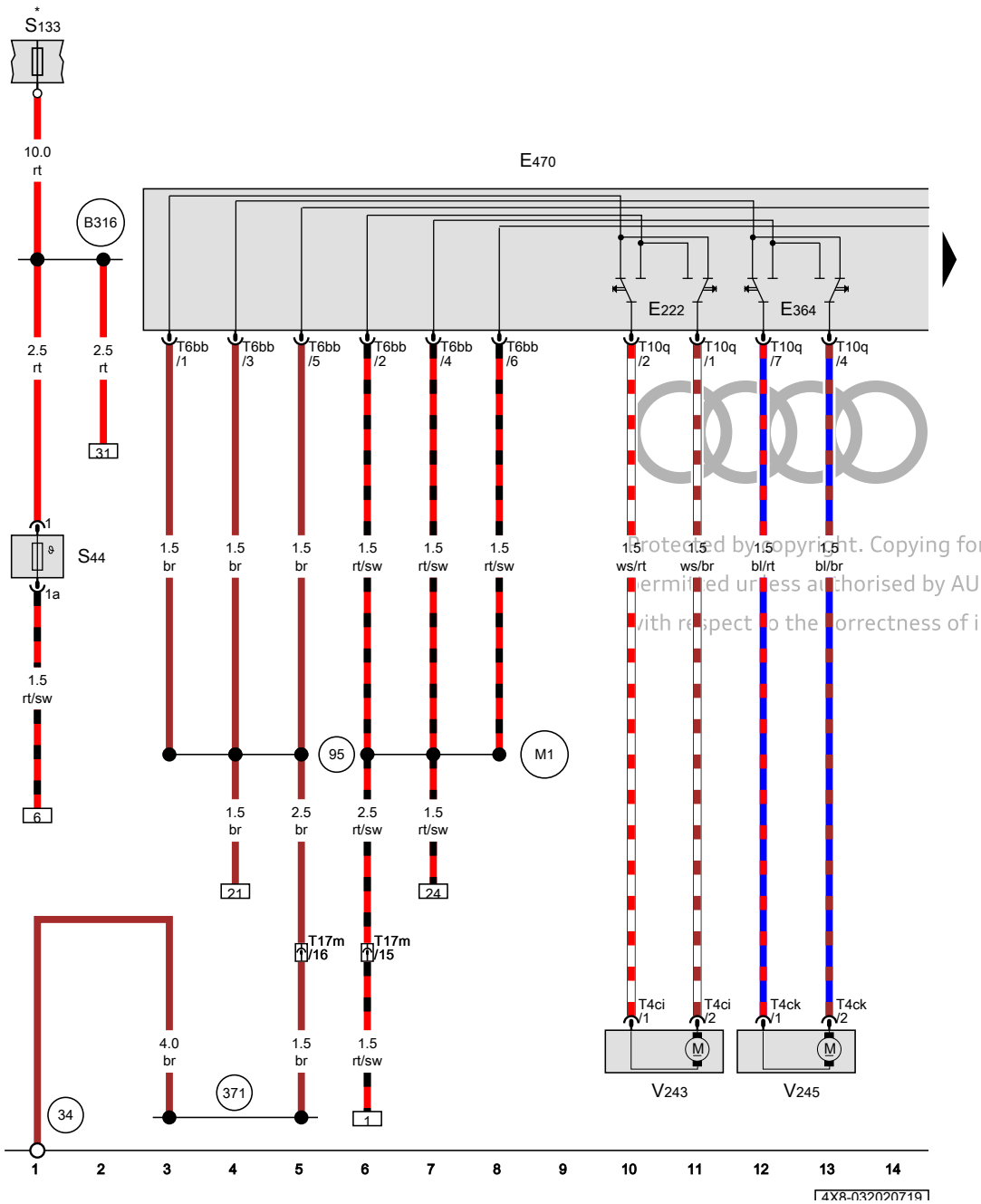
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gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

Adjustable driver and front passenger seats , (Q1A),(Q1D),(Q4Q),(3L5)

From January 2011

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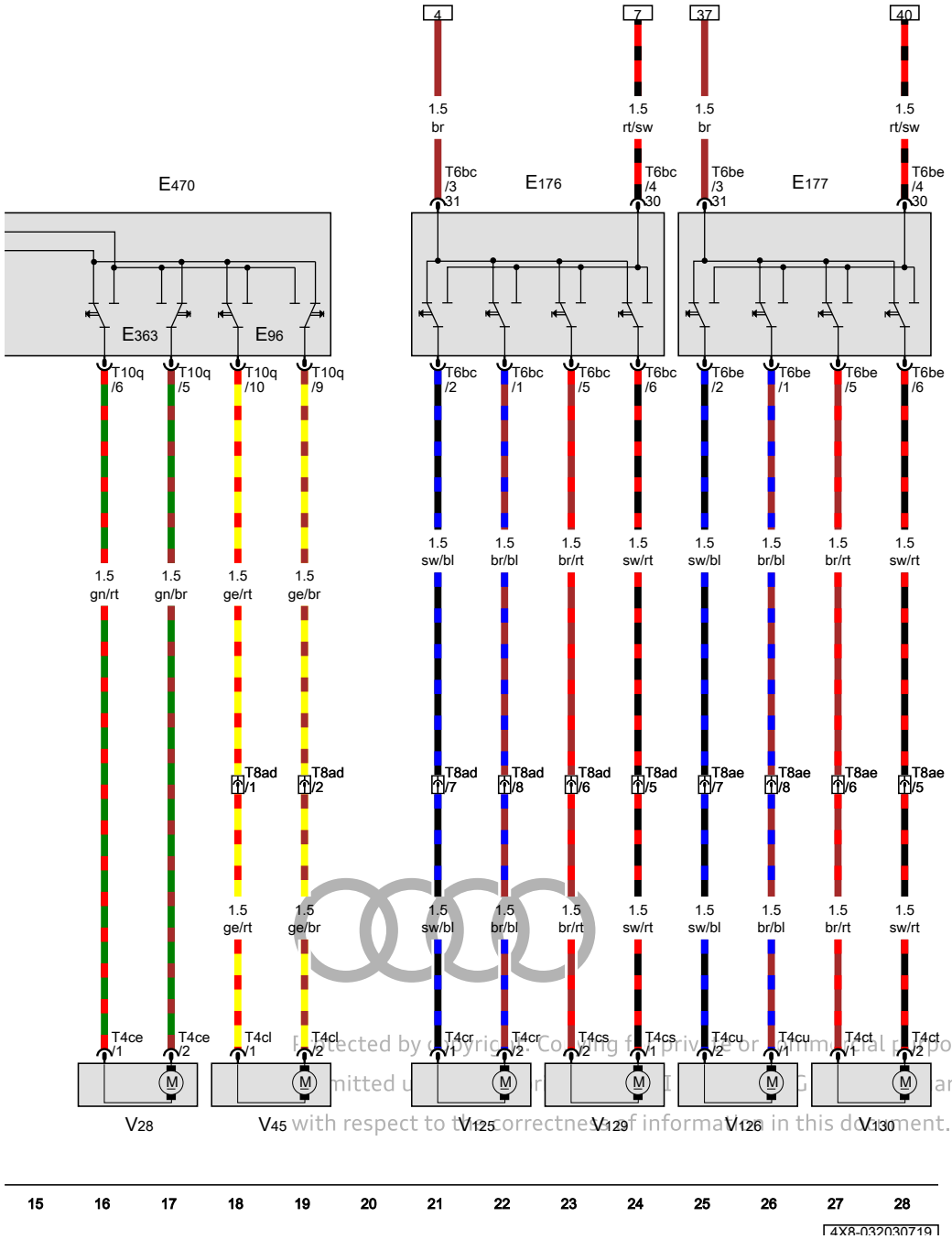


Driver seat adjustment operating unit, Driver seat adjustment thermal fuse 1

E222	Driver seat rake adjustment switch
E364	Driver seat height adjustment switch
E470	Driver seat adjustment operating unit
S44	Driver seat adjustment thermal fuse 1, in left A-pillar coupling station
S133	Fuse 3
T4ci	4-pin connector
T4ck	4-pin connector
T6bb	6-pin connector
T10q	10-pin connector
T17m	17-pin connector, in coupling point for front seat, left
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
34	Earth point, under driver seat
95	Earth connection 1, in seat adjustment wiring harness
371	Earth connection 6, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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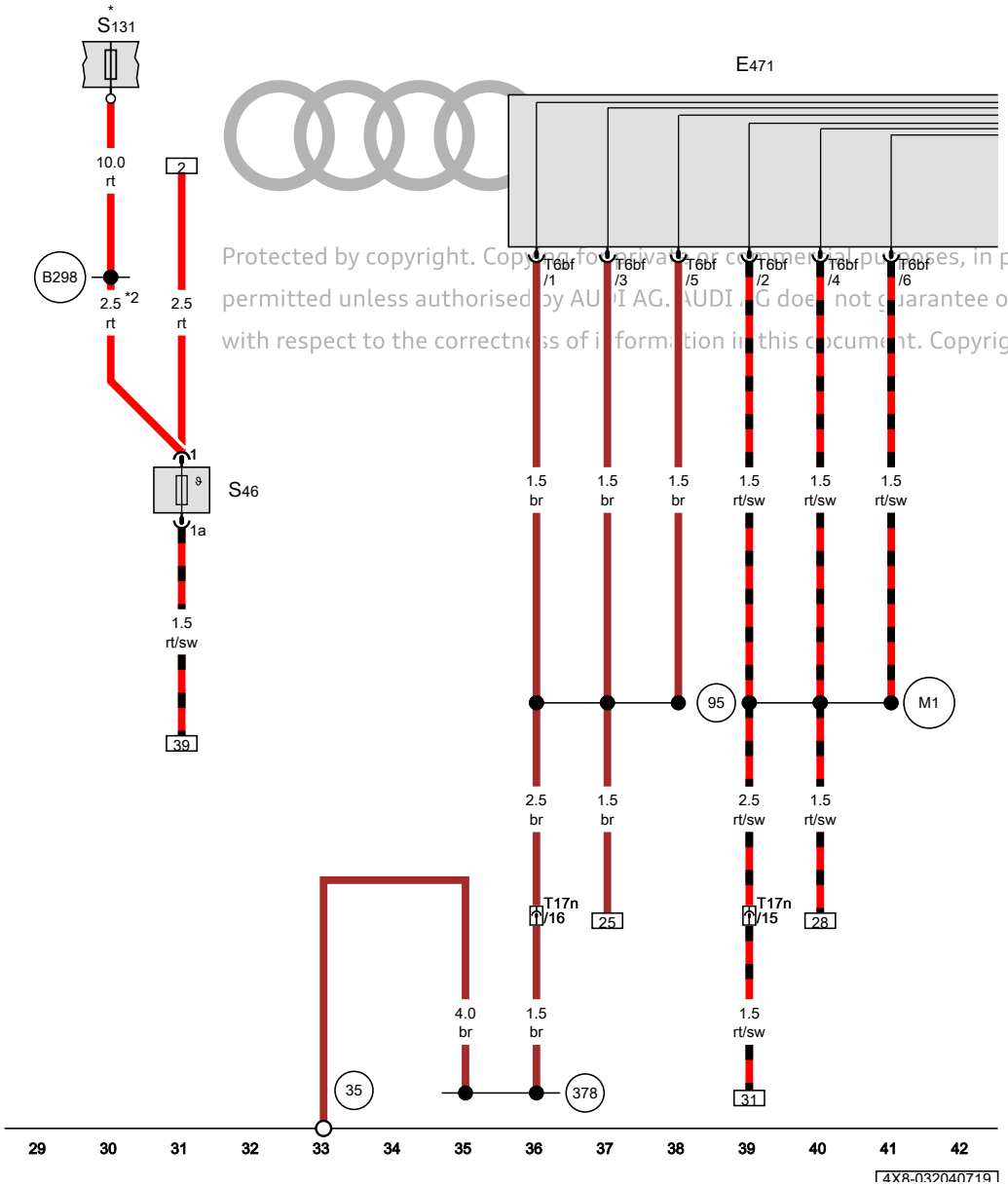


Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Driver seat adjustment operating unit

E96	Driver seat backrest adjustment switch
E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
E363	Driver seat longitudinal adjustment switch
E470	Driver seat adjustment operating unit
T4ce	4-pin connector
T4cl	4-pin connector
T4cr	4-pin connector
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T6bc	6-pin connector
T6be	6-pin connector
T8ad	8-pin connector, in driver seat
T8ae	8-pin connector, in front passenger seat
T10q	10-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor

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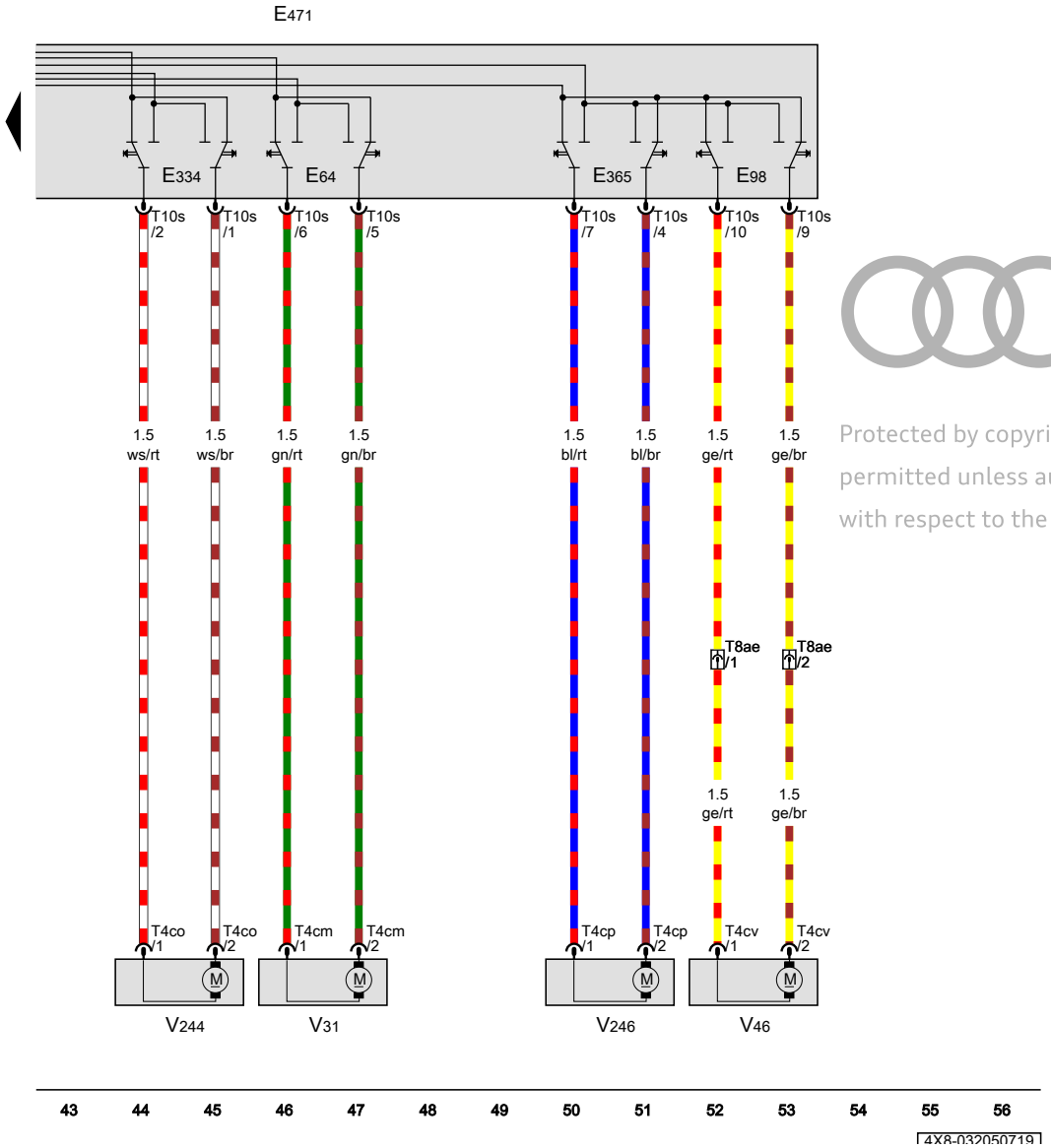
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front passenger seat adjustment operating unit, Front passenger seat adjustment thermal fuse 1

E471	Front passenger seat adjustment operating unit
S46	Front passenger seat adjustment thermal fuse 1, in left A-pillar coupling station
S131	Fuse 1
T6bf	6-pin connector
T17n	17-pin connector, in coupling point for front seat, right
35	Earth point, under front passenger seat
95	Earth connection 1, in seat adjustment wiring harness
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

Front passenger seat adjustment operating unit

E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E471	Front passenger seat adjustment operating unit
T4cm	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T4cv	4-pin connector
T8ae	8-pin connector, in front passenger seat
T10s	10-pin connector
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor



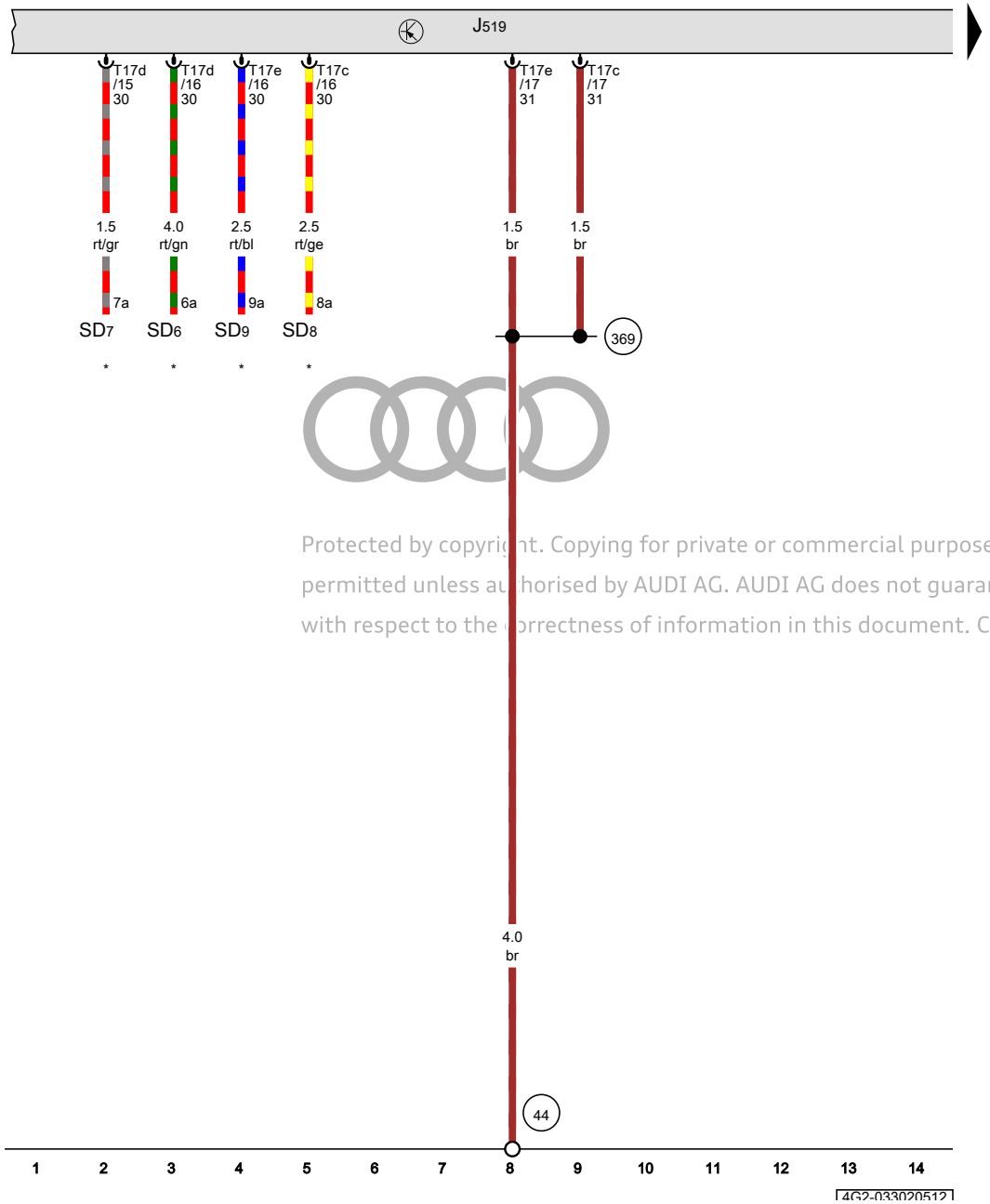
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or	=	orange
rs	=	pink

LED headlights

From January 2011

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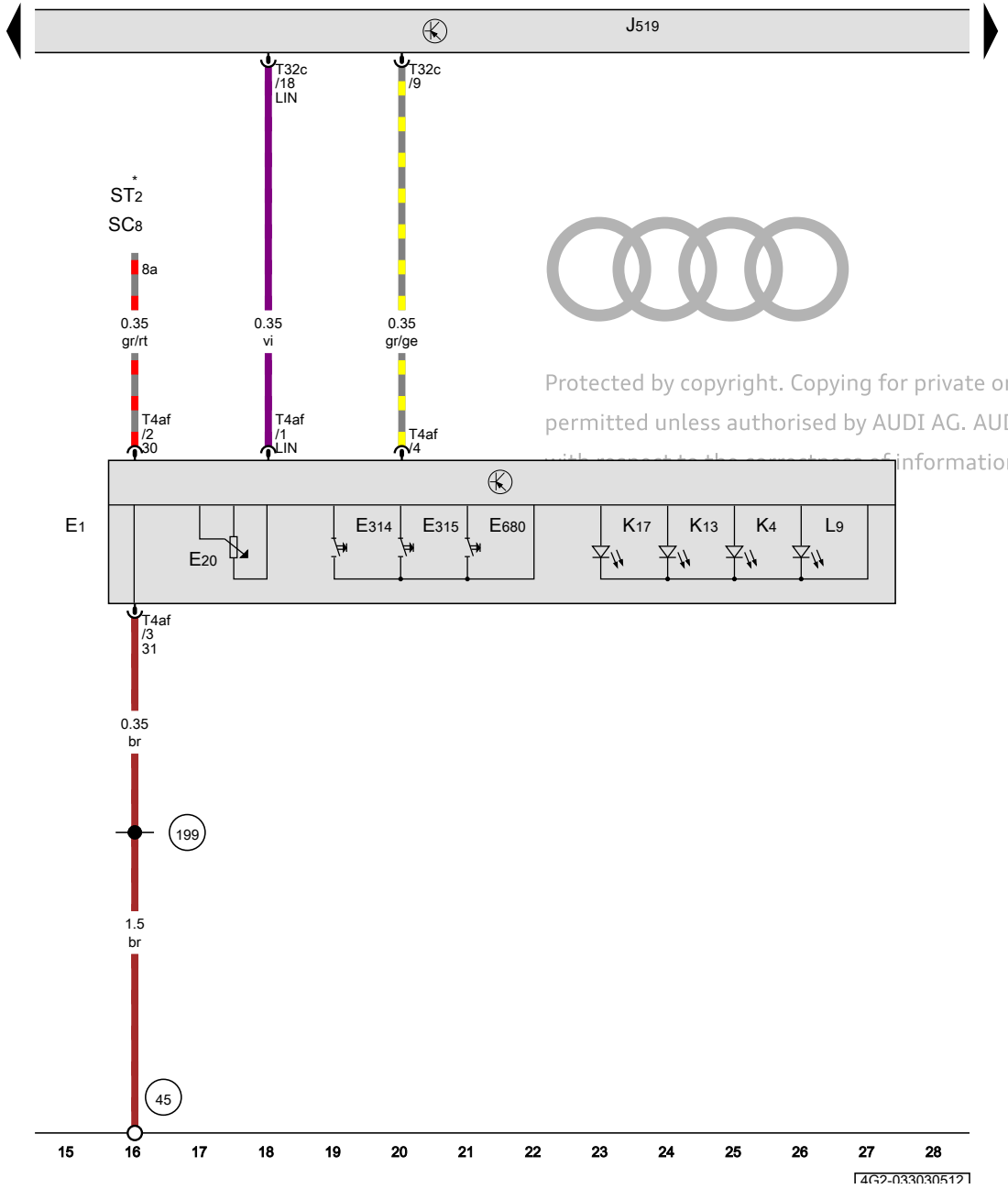


Onboard supply control unit

J519	Onboard supply control unit
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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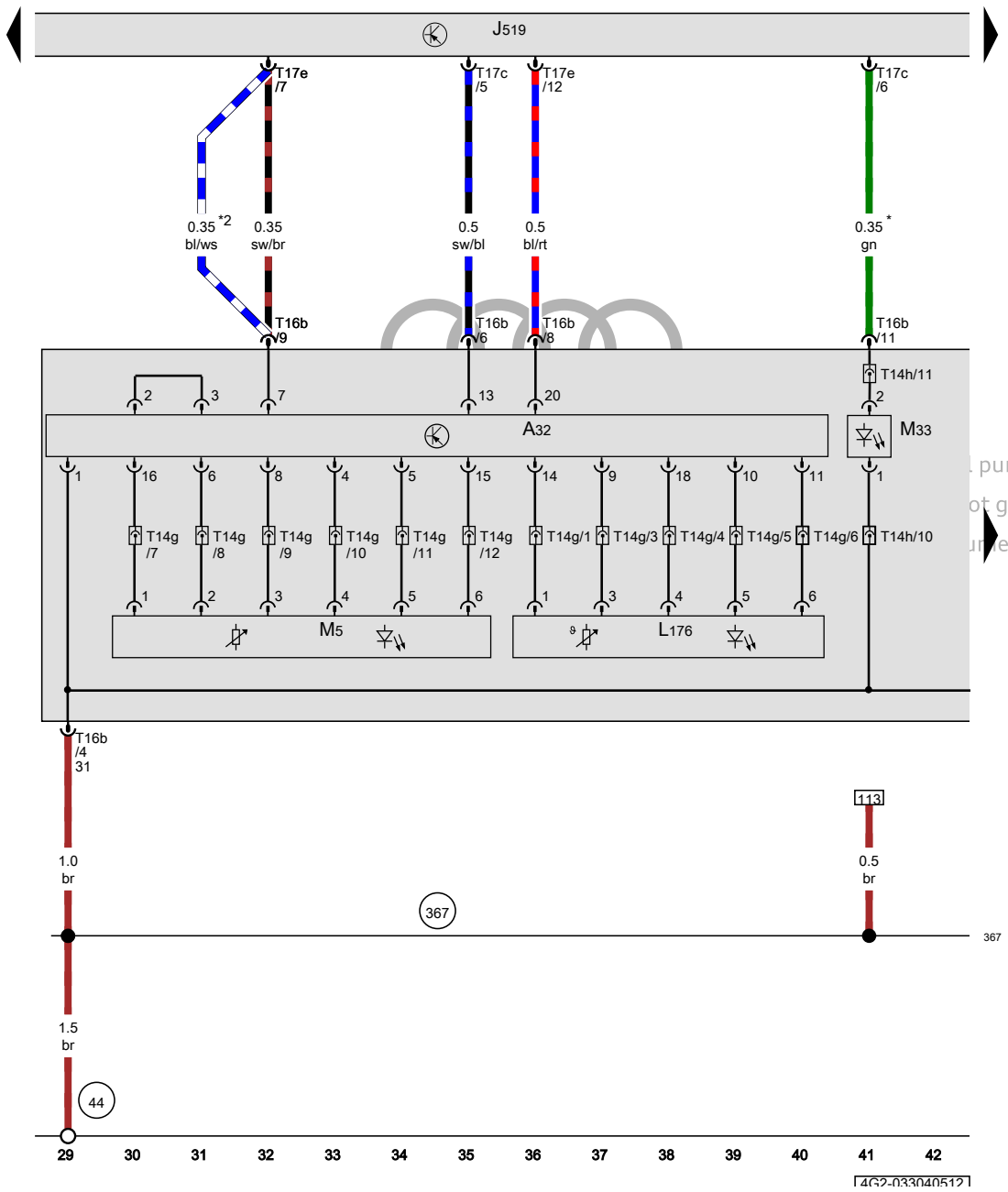


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Light switch, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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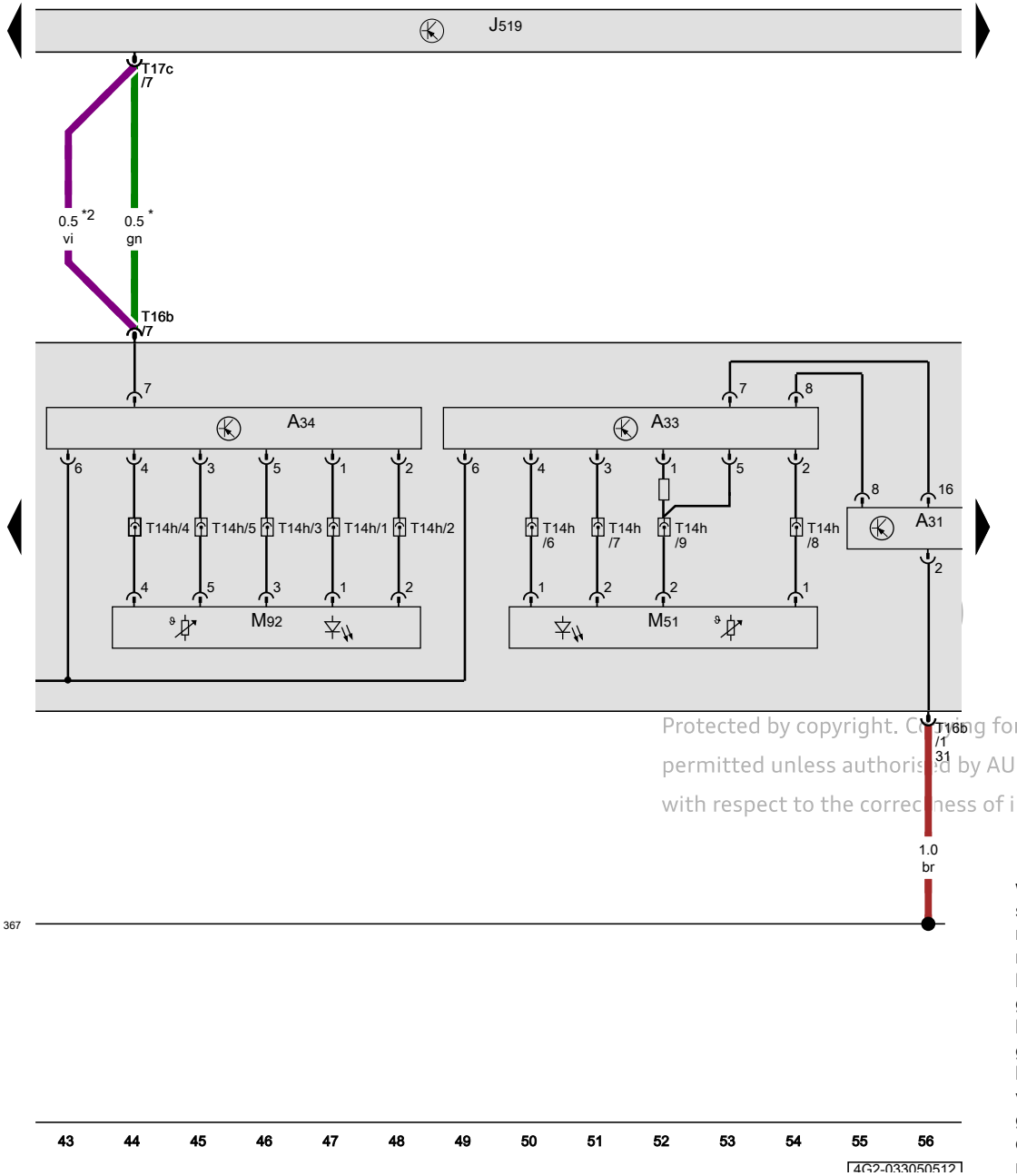


Output module 2 for left LED headlight, Onboard supply control unit, Left LED module for daytime running light and side light, Front left turn signal bulb, Front left side marker bulb

A32	Output module 2 for left LED headlight
J519	Onboard supply control unit
L176	Left LED module for daytime running light and side light
M5	Front left turn signal bulb
M33	Front left side marker bulb
T14g	14-pin connector, in headlight
T14h	14-pin connector, in headlight
T16b	16-pin connector
T17c	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
*	Only for American markets
*2	From June 2011

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ws	=	white
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ro	=	red
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br	=	brown
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li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

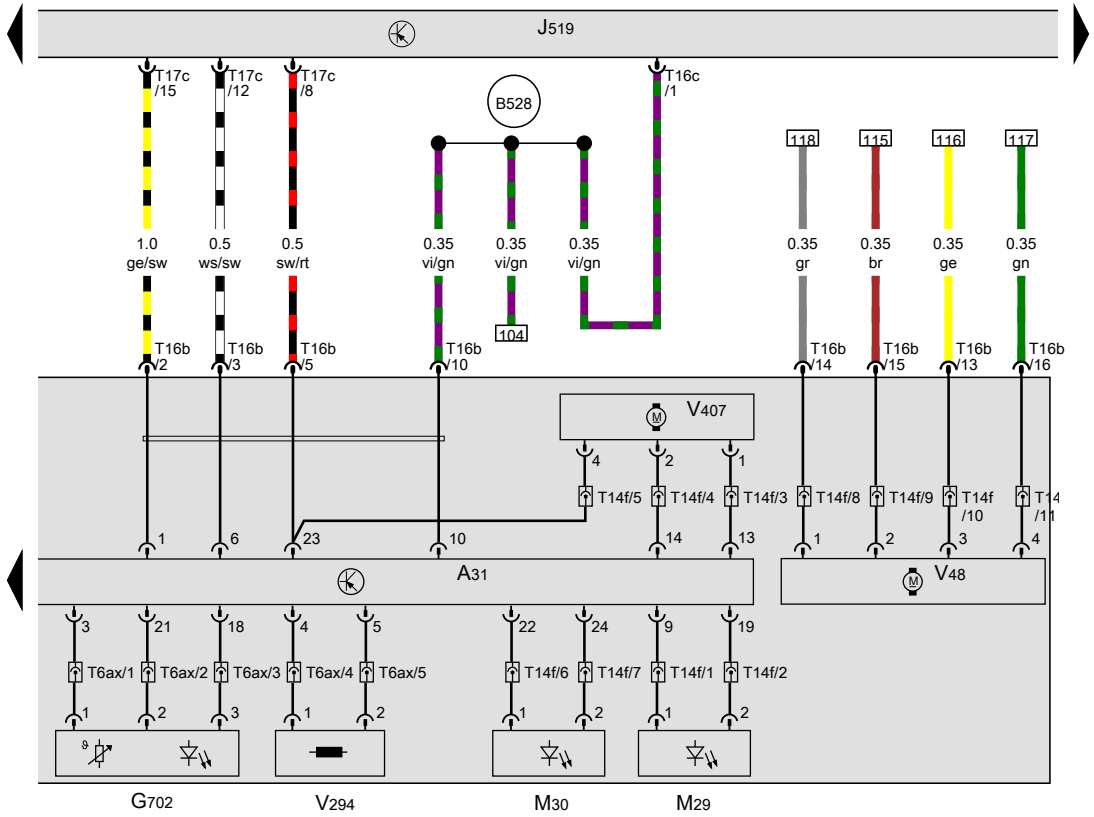


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Output module 1 for left LED headlight, Onboard supply control unit, Left static cornering light, Bulb 2 for front left turn signal

A31	Output module 1 for left LED headlight
A33	Output module 3 for left LED headlight
A34	Output module 4 for left LED headlight
J519	Onboard supply control unit
M51	Left static cornering light
M92	Bulb 2 for front left turn signal
T14h	14-pin connector, in headlight
T16b	16-pin connector
T17c	17-pin connector
367	Earth connection 2, in main wiring harness
*	Only for American markets
*2	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Output module 1 for left LED headlight, Temperature sender 1 for left headlight, Onboard supply control unit, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor, Left dip beam screen motor, Left headlight fan

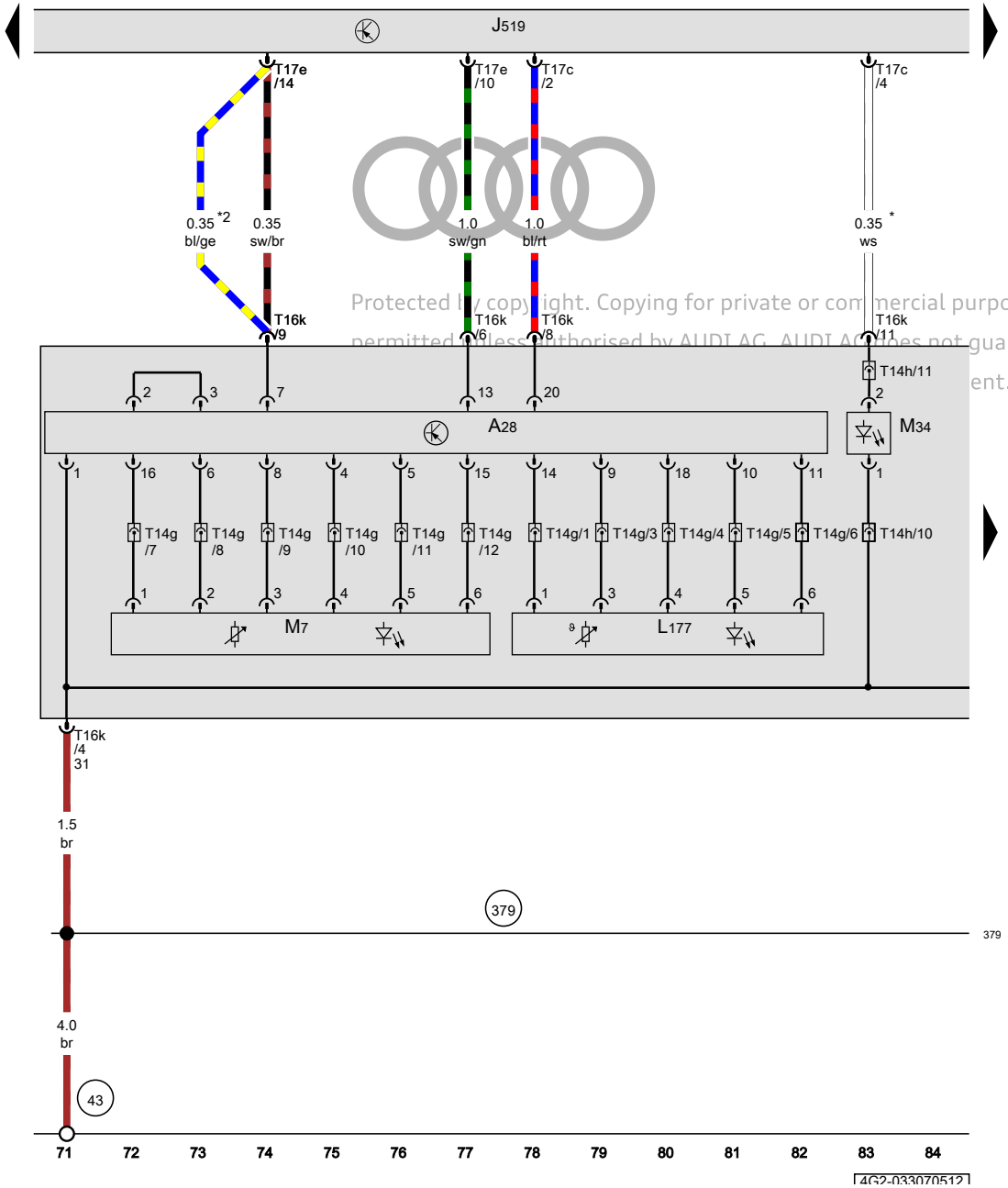
A31	Output module 1 for left LED headlight
G702	Temperature sender 1 for left headlight
J519	Onboard supply control unit
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T6ax	6-pin connector, in headlight
T14f	14-pin connector, in headlight
T16b	16-pin connector
T16c	16-pin connector
T17c	17-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V407	Left headlight fan
B528	Connection 1 (LIN bus) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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57 58 59 60 61 62 63 64 65 66 67 68 69 70

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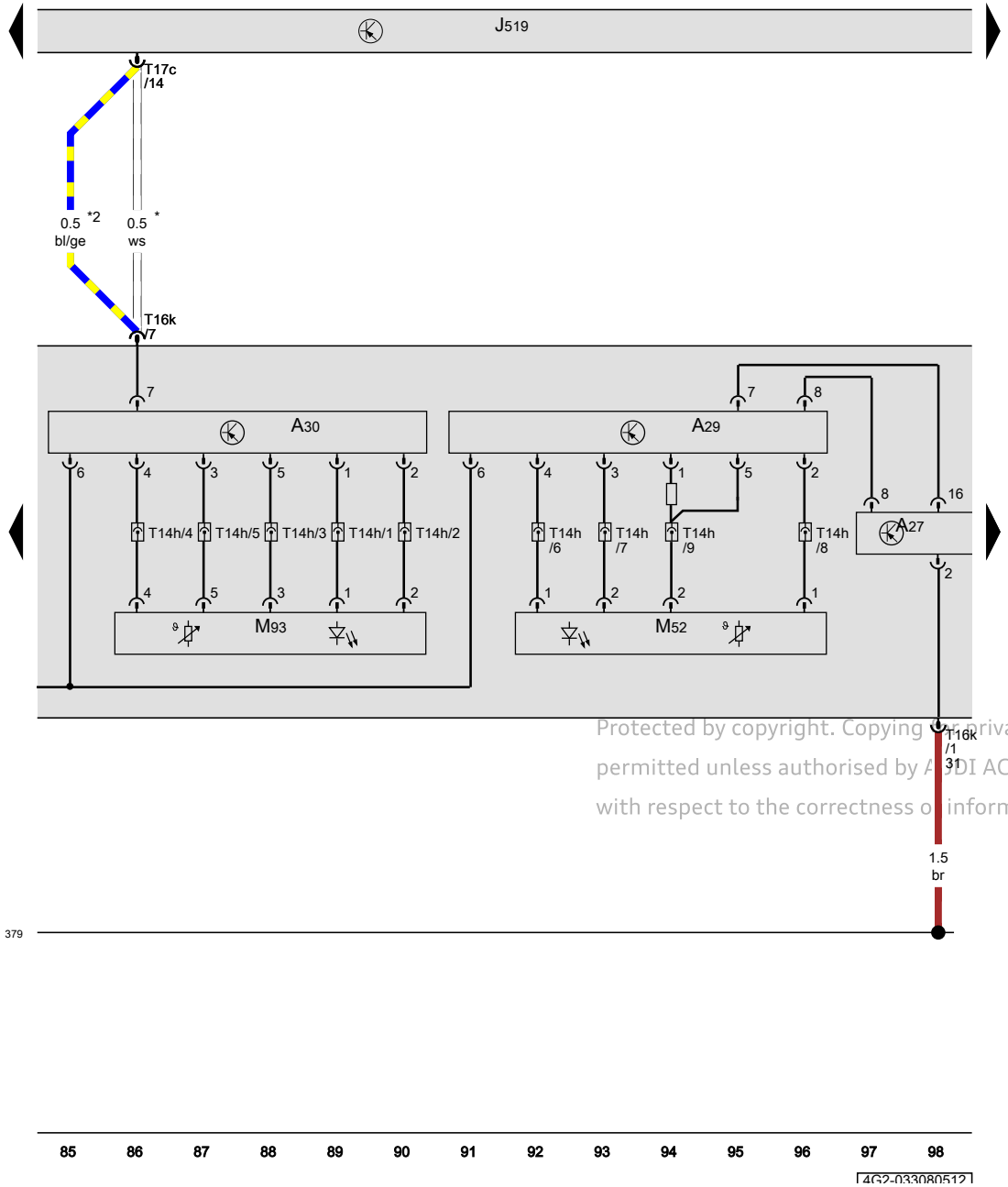
Output module 2 for right LED headlight, Onboard supply control unit, Right LED module for daytime running light and side light, Front right turn signal bulb, Front right side marker bulb

A28	Output module 2 for right LED headlight
J519	Onboard supply control unit
L177	Right LED module for daytime running light and side light
M7	Front right turn signal bulb
M34	Front right side marker bulb
T14g	14-pin connector, in headlight
T14h	14-pin connector, in headlight
T16k	16-pin connector
T17c	17-pin connector
T17e	17-pin connector
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
*	Only for American markets
*2	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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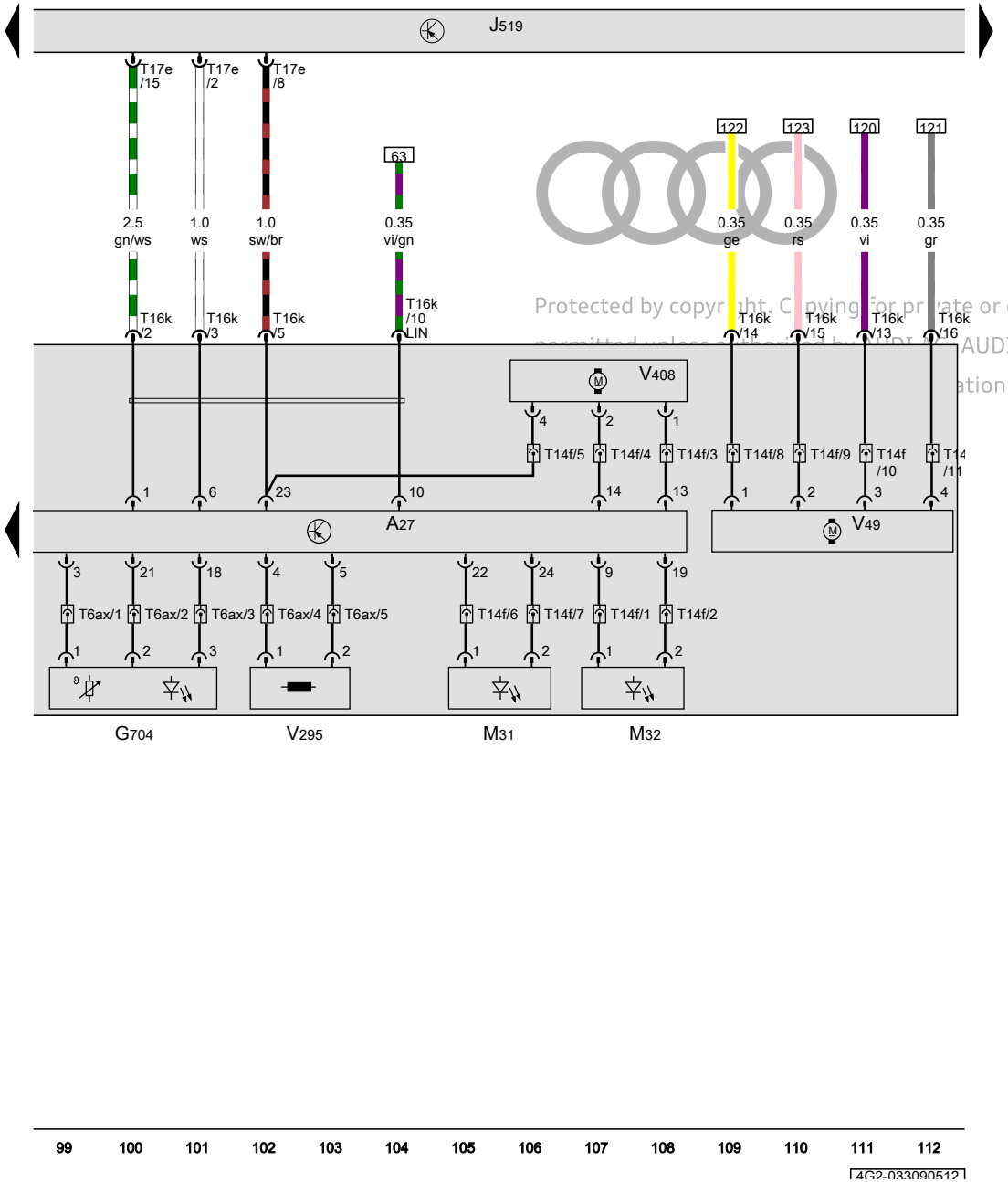
Output module 1 for right LED headlight, Onboard supply control unit, Right static cornering light, Bulb 2 for front right turn signal

A27	Output module 1 for right LED headlight
A29	Output module 3 for right LED headlight
A30	Output module 4 for right LED headlight
J519	Onboard supply control unit
M52	Right static cornering light
M93	Bulb 2 for front right turn signal
T14h	14-pin connector, in headlight
T16k	16-pin connector
T17c	17-pin connector
379	Earth connection 14, in main wiring harness
*	Only for American markets
*2	From June 2011



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Output module 1 for right LED headlight, Temperature sender 1 for right headlight, Onboard supply control unit, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor, Right dip beam screen motor, Right headlight fan

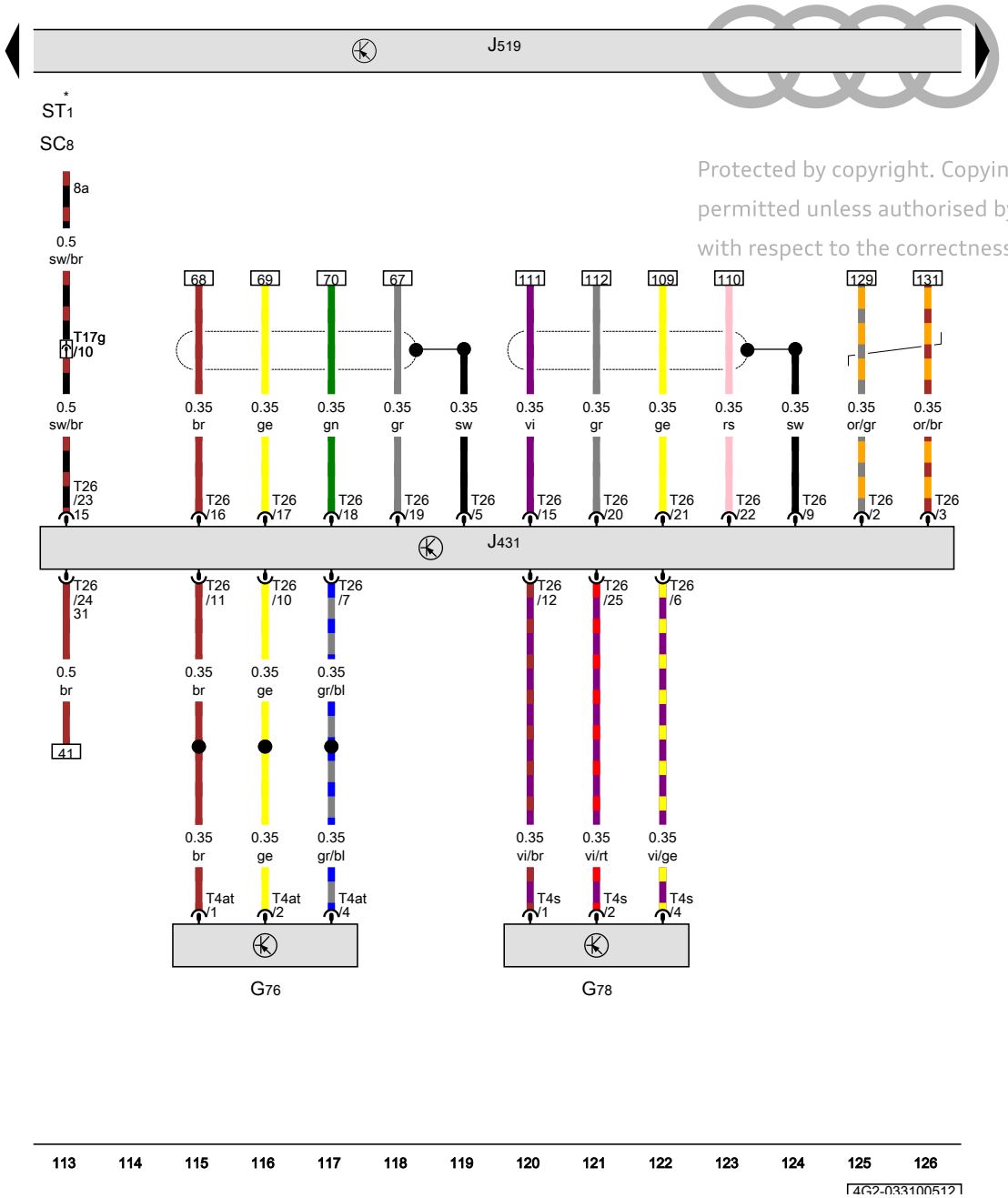
A27	Output module 1 for right LED headlight
G704	Temperature sender 1 for right headlight
J519	Onboard supply control unit
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T6ax	6-pin connector, in headlight
T14f	14-pin connector, in headlight
T16k	16-pin connector
T17e	17-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V408	Right headlight fan

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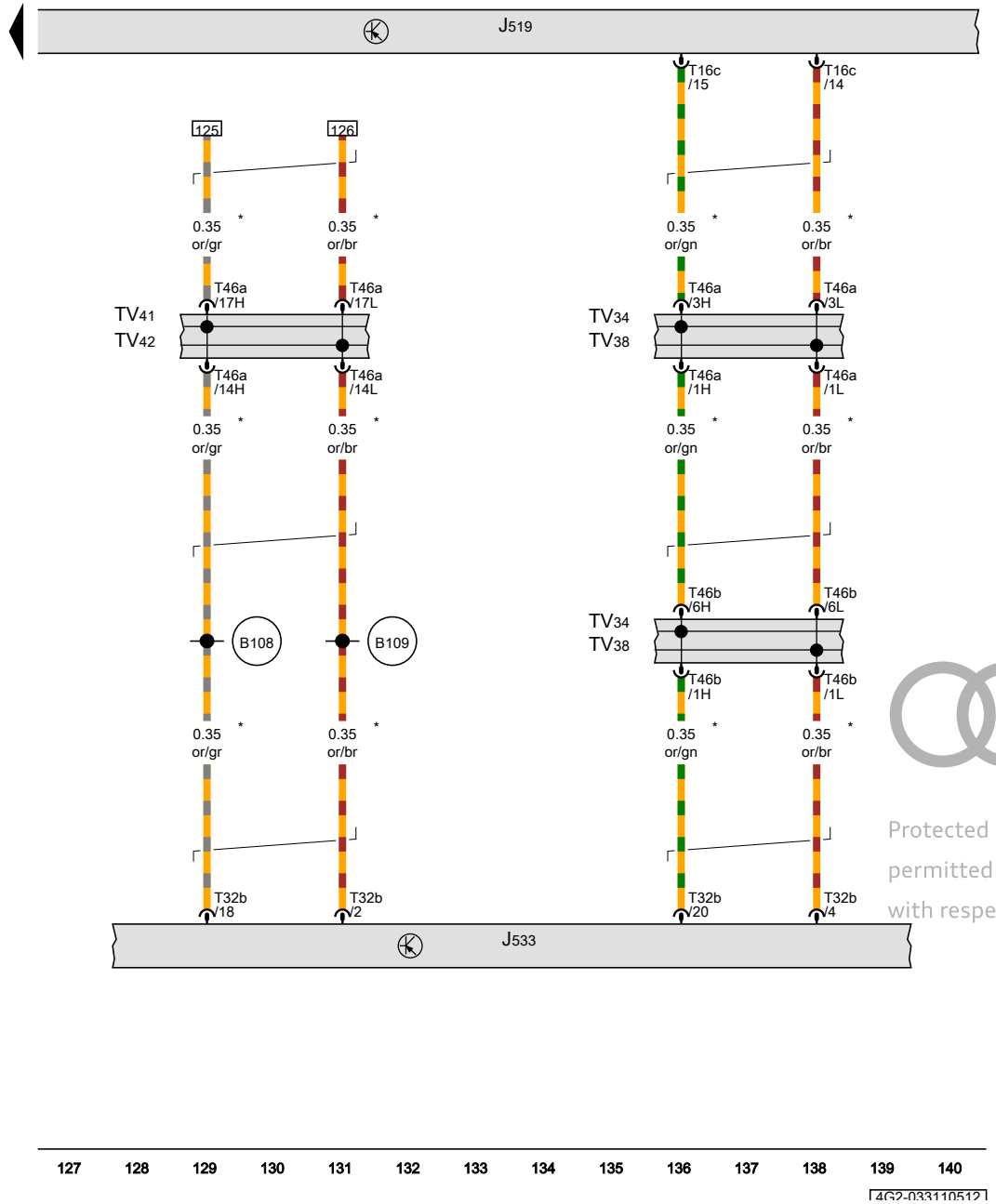
Rear left vehicle level sender, Front left vehicle level sender, Headlight range control unit, Onboard supply control unit

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J431	Headlight range control unit
J519	Onboard supply control unit
ST1	Fuse carrier 1
SC8	Fuse 8 on fuse holder C
T4at	4-pin connector
T4s	4-pin connector
T17g	17-pin connector
T26	26-pin connector
*	see applicable current flow diagram for fuse assignment

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Onboard supply control unit, Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for CAN bus extended high

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	Data bus wire (CAN bus)

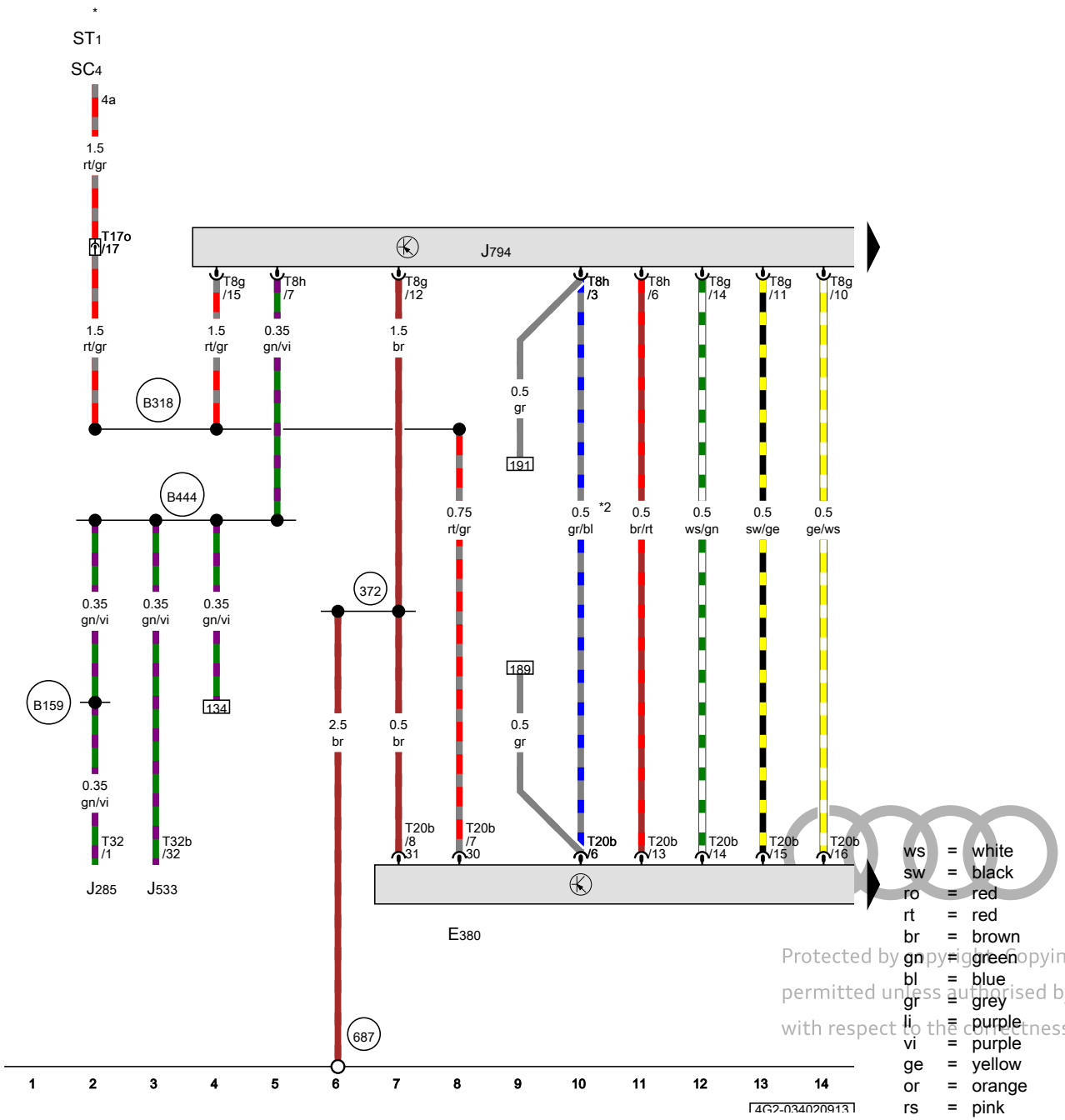
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

MMI navigation plus

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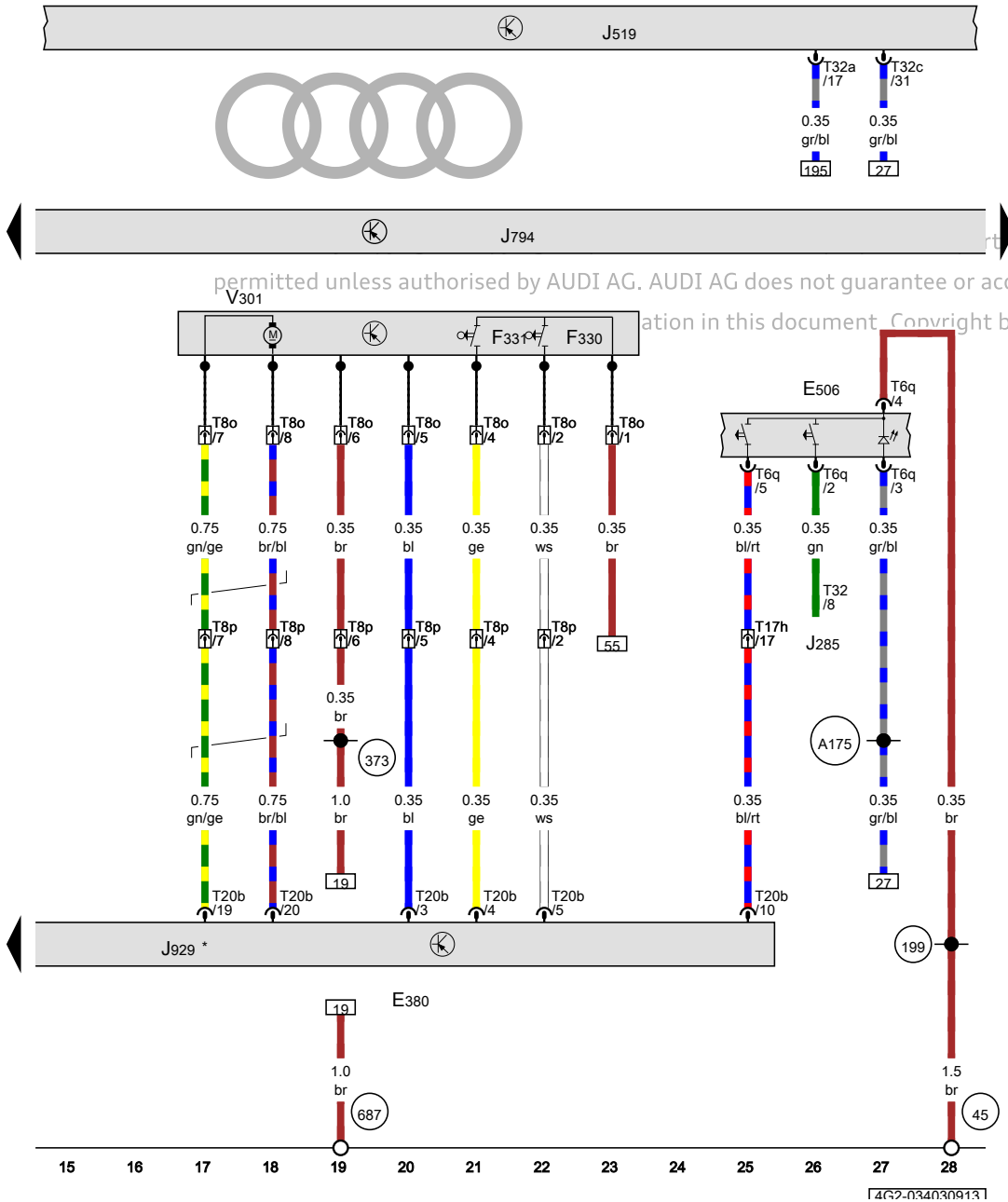


Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T8g	8-pin connector
T8h	8-pin connector
T17o	17-pin connector, in coupling point in interior, right
T20b	20-pin connector
T32	32-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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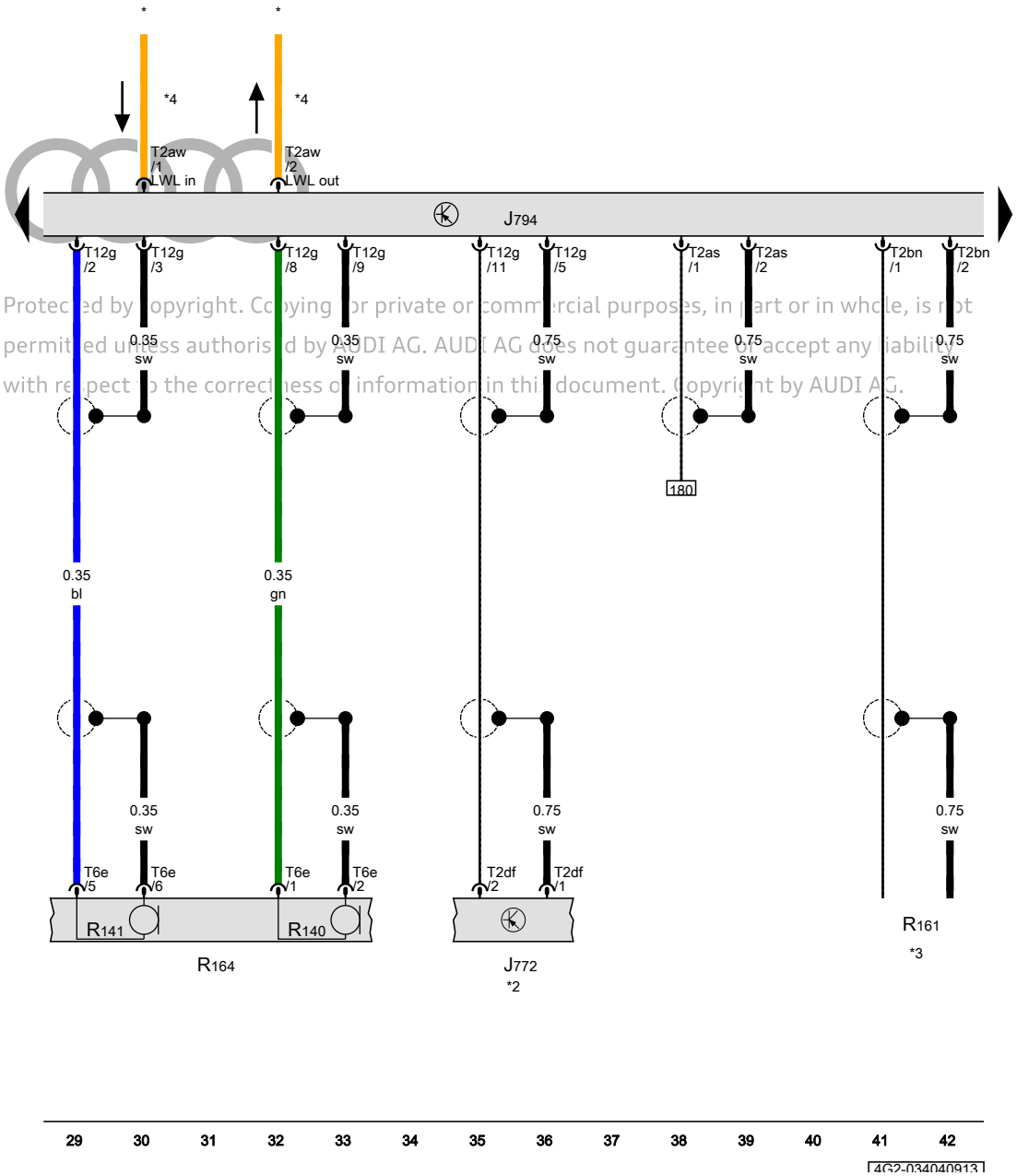


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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Multimedia system operating unit, Display unit button, Open display limit switch, Control unit in dash panel insert, Control unit 1 for information electronics, Open and close display motor

E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
J929	Touchpad control unit
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector
T20b	20-pin connector
T32	32-pin connector
T32a	32-pin connector
T32c	32-pin connector
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
A175	Connection (58s), in dash panel wiring harness
*	Optional equipment



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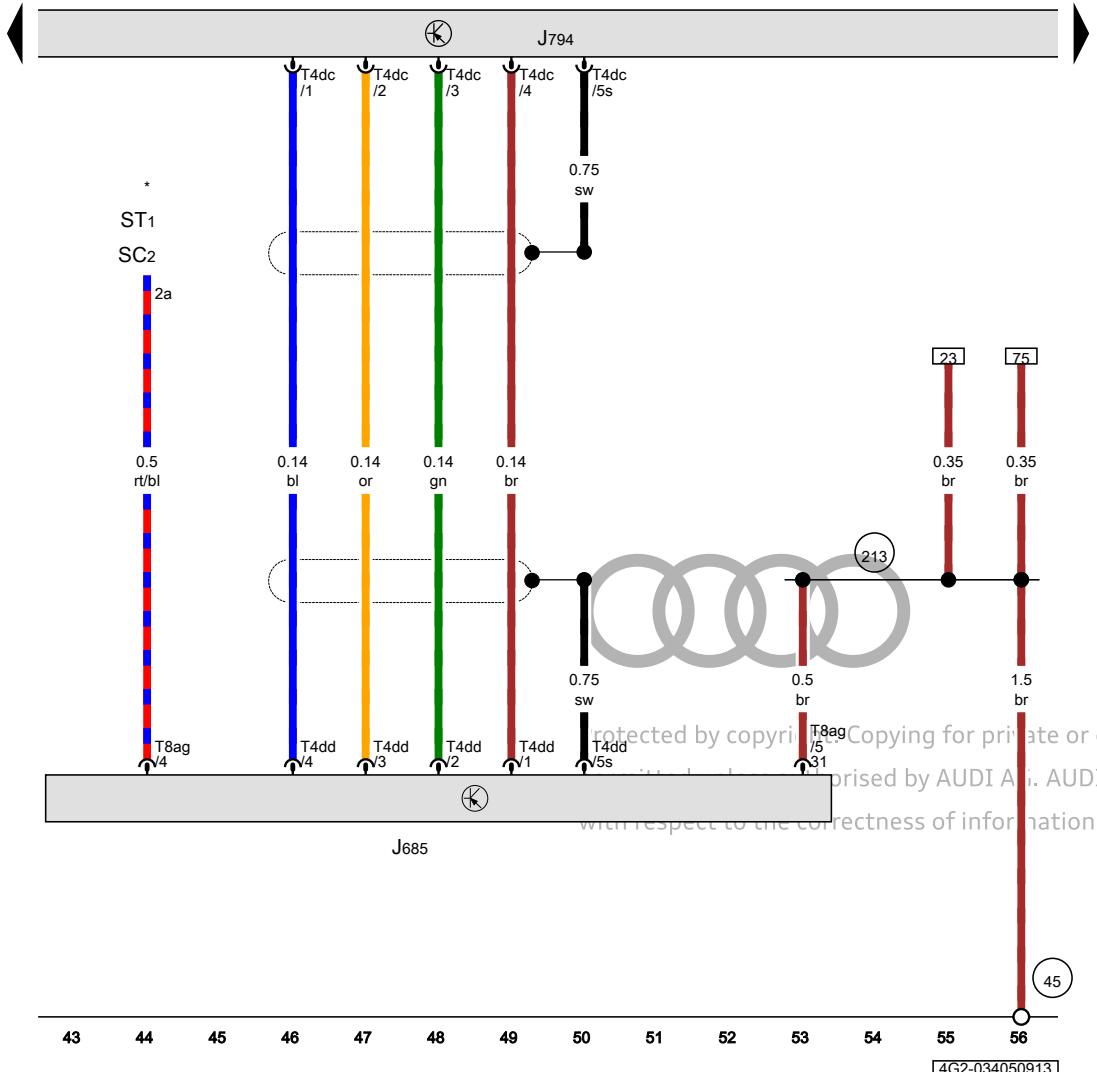
Control unit 1 for information electronics, Microphone unit in front roof module

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R161	DVD changer
R164	Microphone unit in front roof module
T2as	2-pin connector
T2aw	2-pin connector
T2bn	2-pin connector
T2df	2-pin connector
T6e	6-pin connector
T12g	12-pin connector
*	see applicable current flow diagram for data bus network
*2	Only models with reversing camera system
*3	Only models with DVD player
*4	Fibre optic cable (FOC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
T4dc	4-pin connector
T4dd	4-pin connector
T8ag	8-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

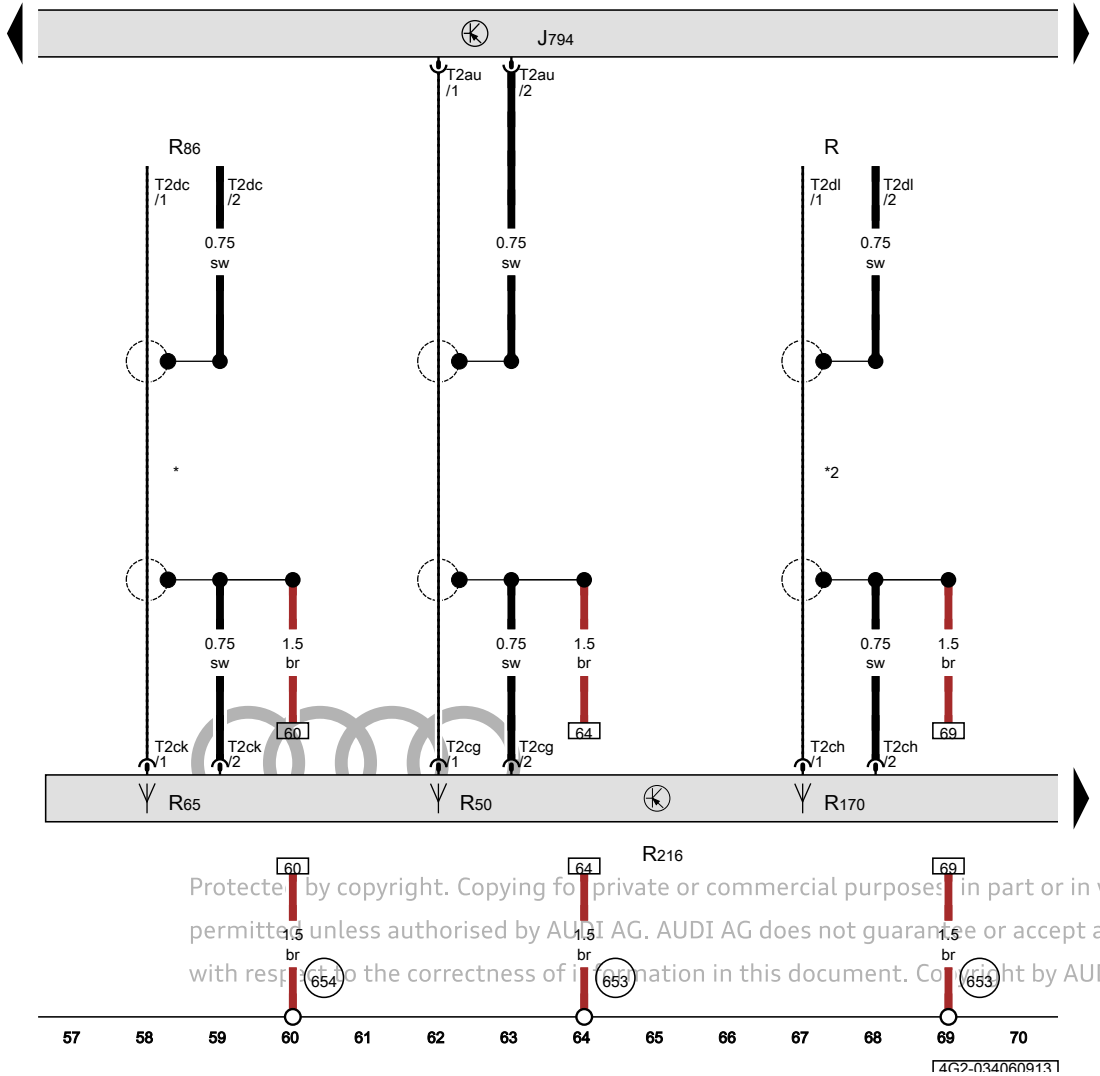


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rs	=	pink

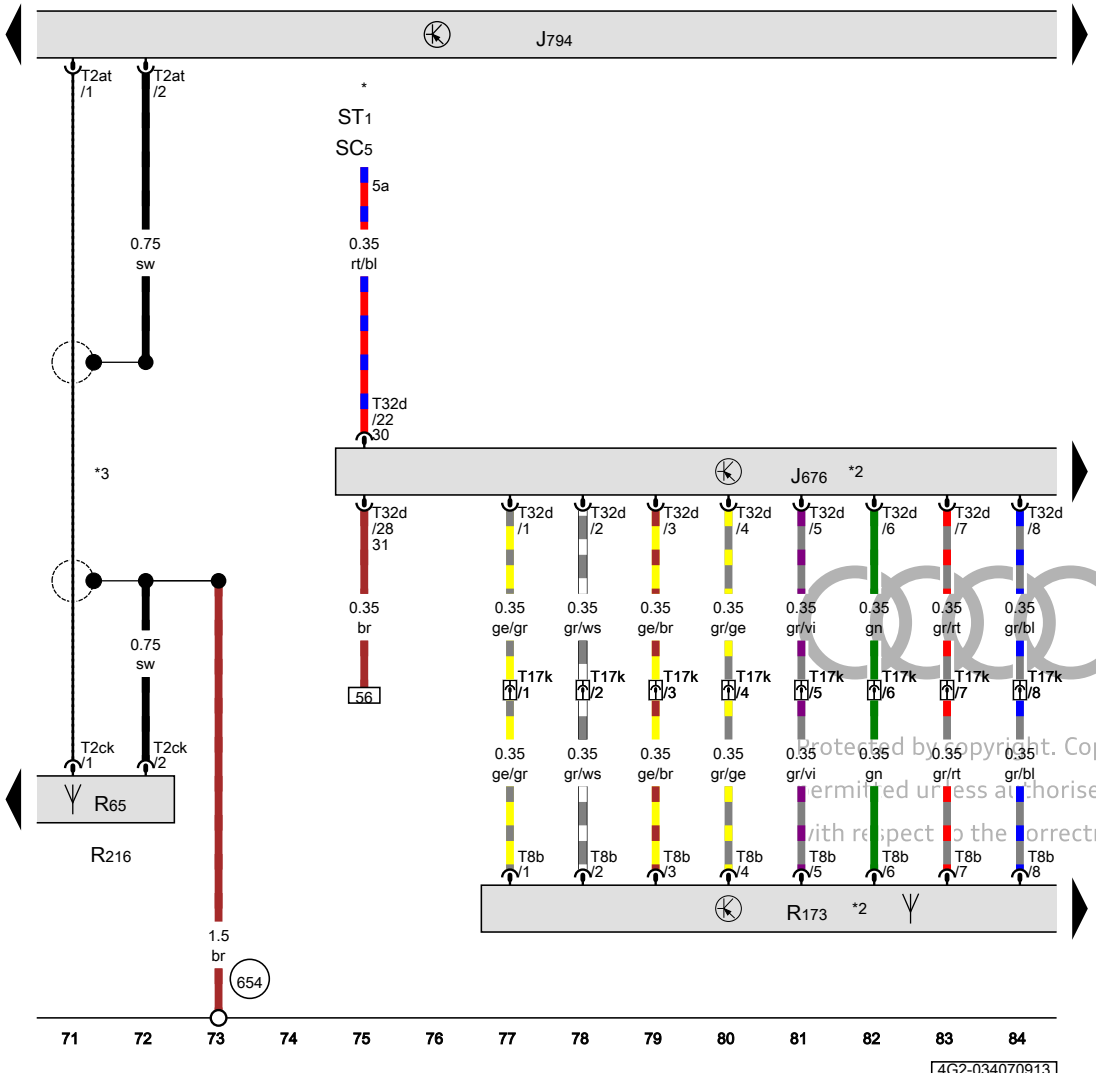
Control unit 1 for information electronics

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R170	Satellite aerial
R216	Roof aerial
T2au	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ck	2-pin connector
T2dc	2-pin connector
T2dl	2-pin connector
653	Earth point, on left D-pillar
654	Earth point, on right D-pillar
*	Only models with preparation for mobile telephone
*2	Only for American markets



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Control unit 1 for information electronics

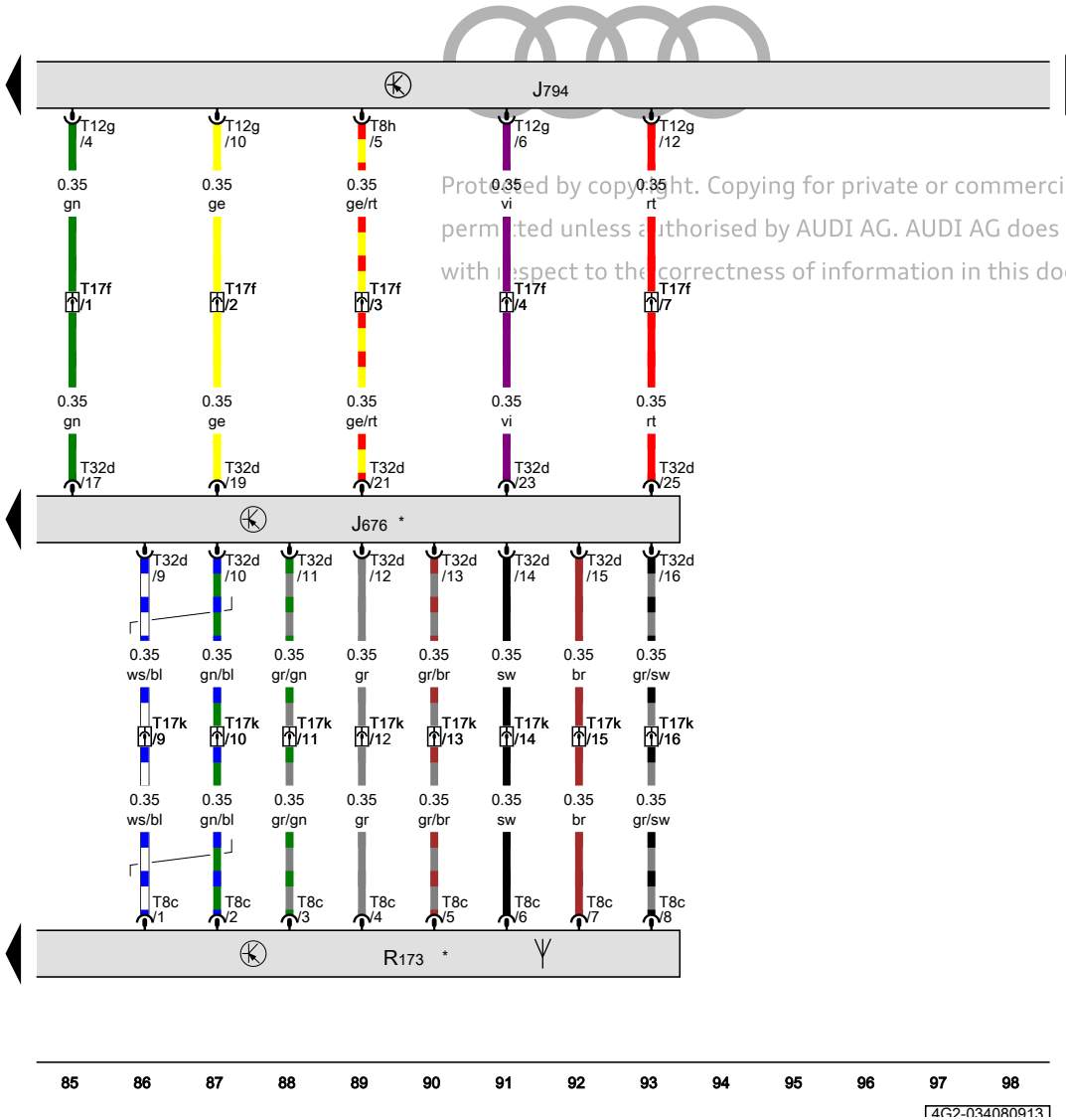
J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R65	Telephone aerial
R173	Traffic data aerial
R216	Roof aerial
ST1	Fuse carrier 1
SC5	Fuse 5 on fuse holder C
T2at	2-pin connector
T2ck	2-pin connector
T8b	8-pin connector
T17k	17-pin connector
T32d	32-pin connector
654	Earth point, on right D-pillar
*	see applicable current flow diagram for fuse assignment
*2	Only models with equipment for Japan
*3	Only models with aerial for Bluetooth

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Chip card reader control unit, Control unit 1 for information electronics, Traffic data aerial

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T8c	8-pin connector
T8h	8-pin connector
T12g	12-pin connector
T17f	17-pin connector
T17k	17-pin connector
T32d	32-pin connector
*	Only models with equipment for Japan

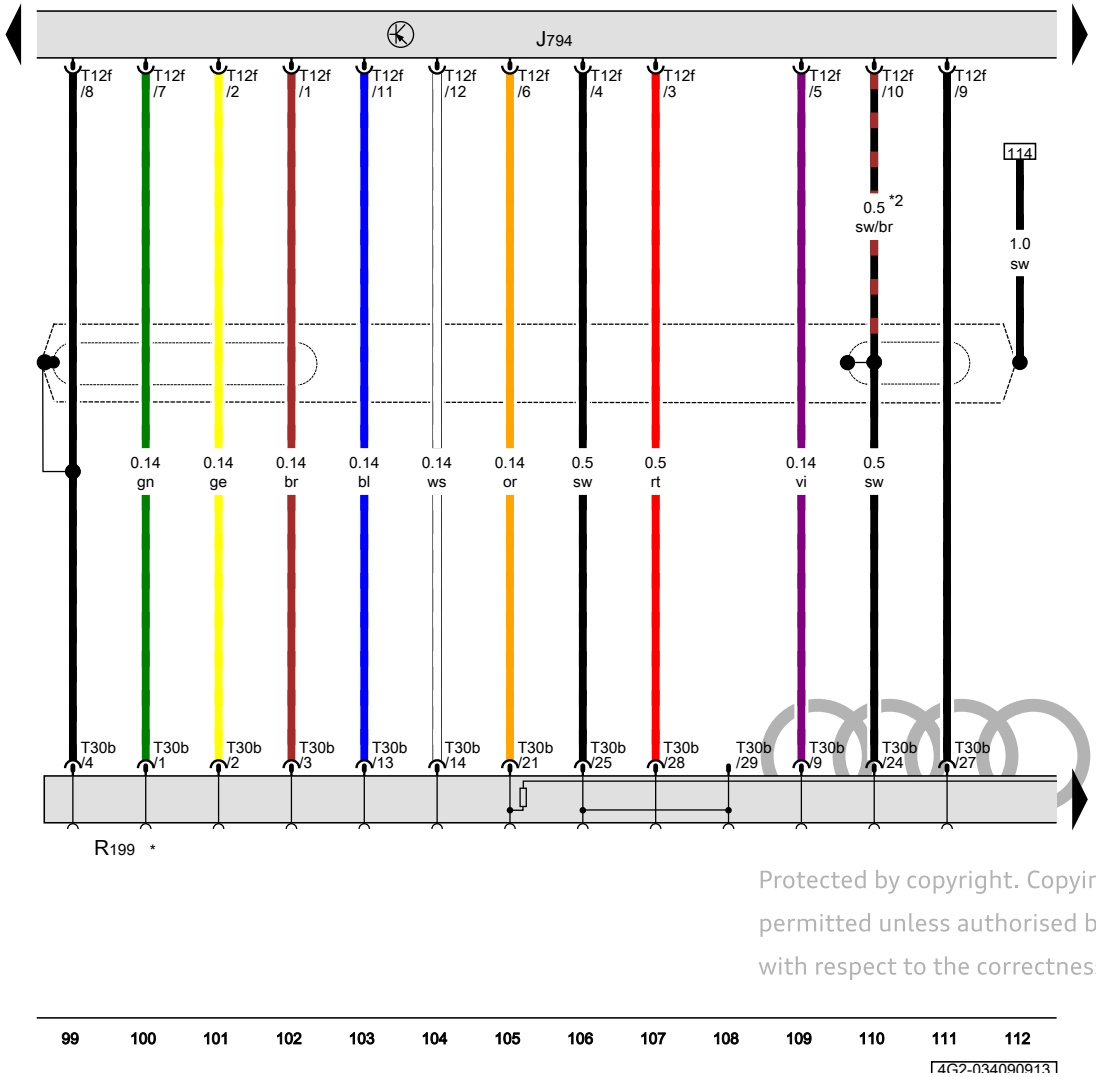


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12f	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface
*2	gradual introduction



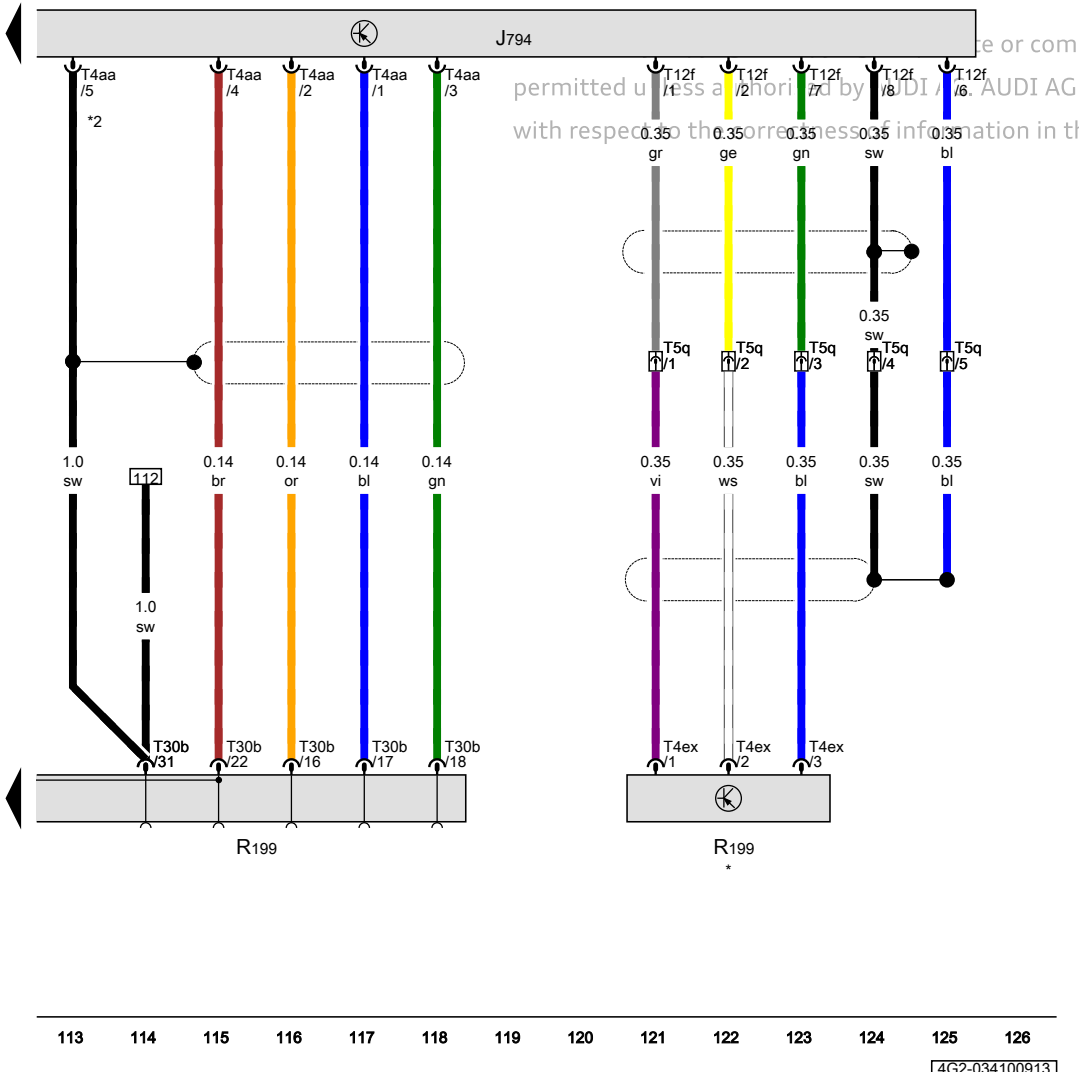
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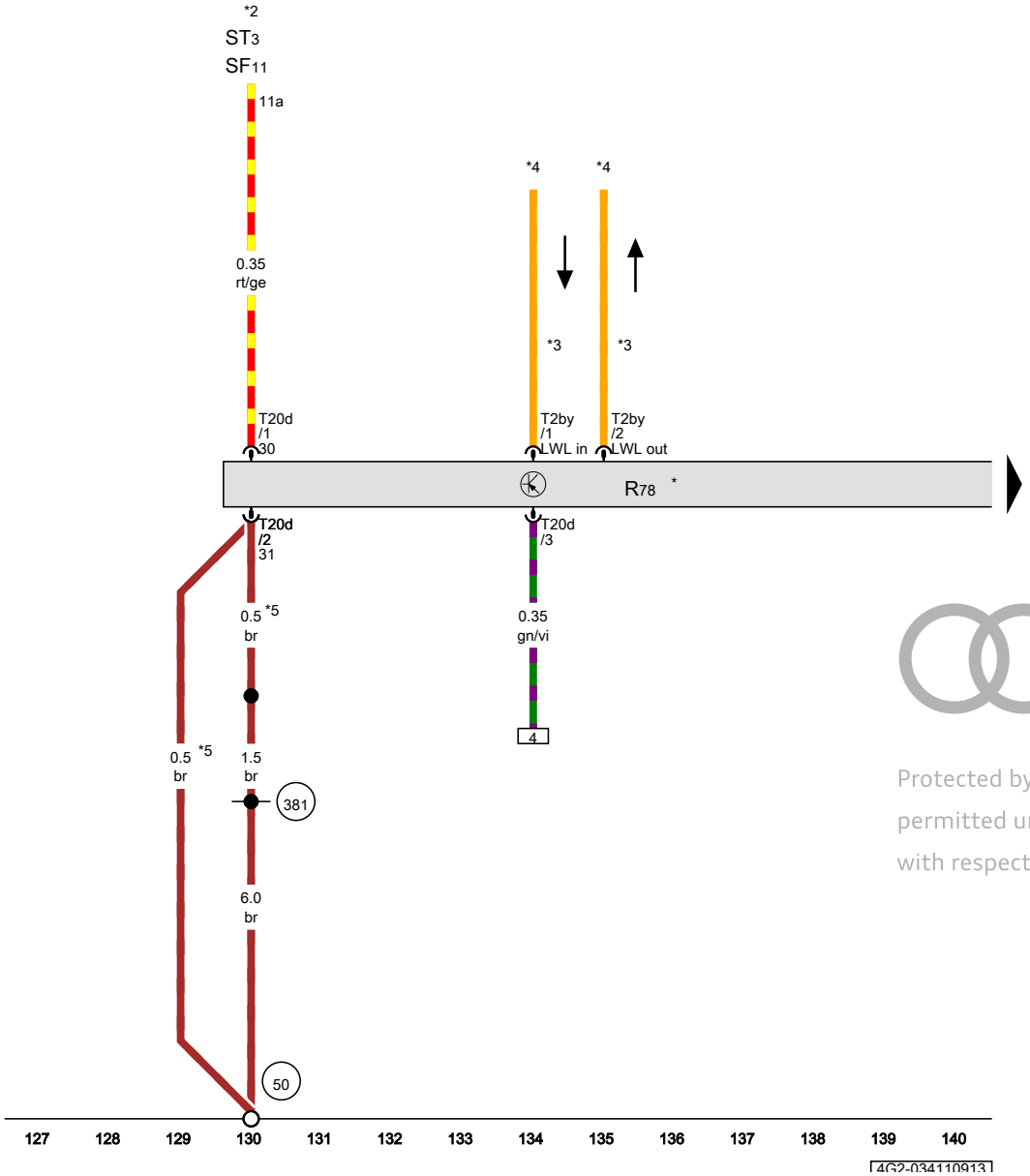
Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4aa	4-pin connector
T4ex	4-pin connector
T5q	5-pin connector, in centre console
T12f	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - AUX-IN socket
*2	Earthed via connector housing

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or	=	orange
rs	=	pink

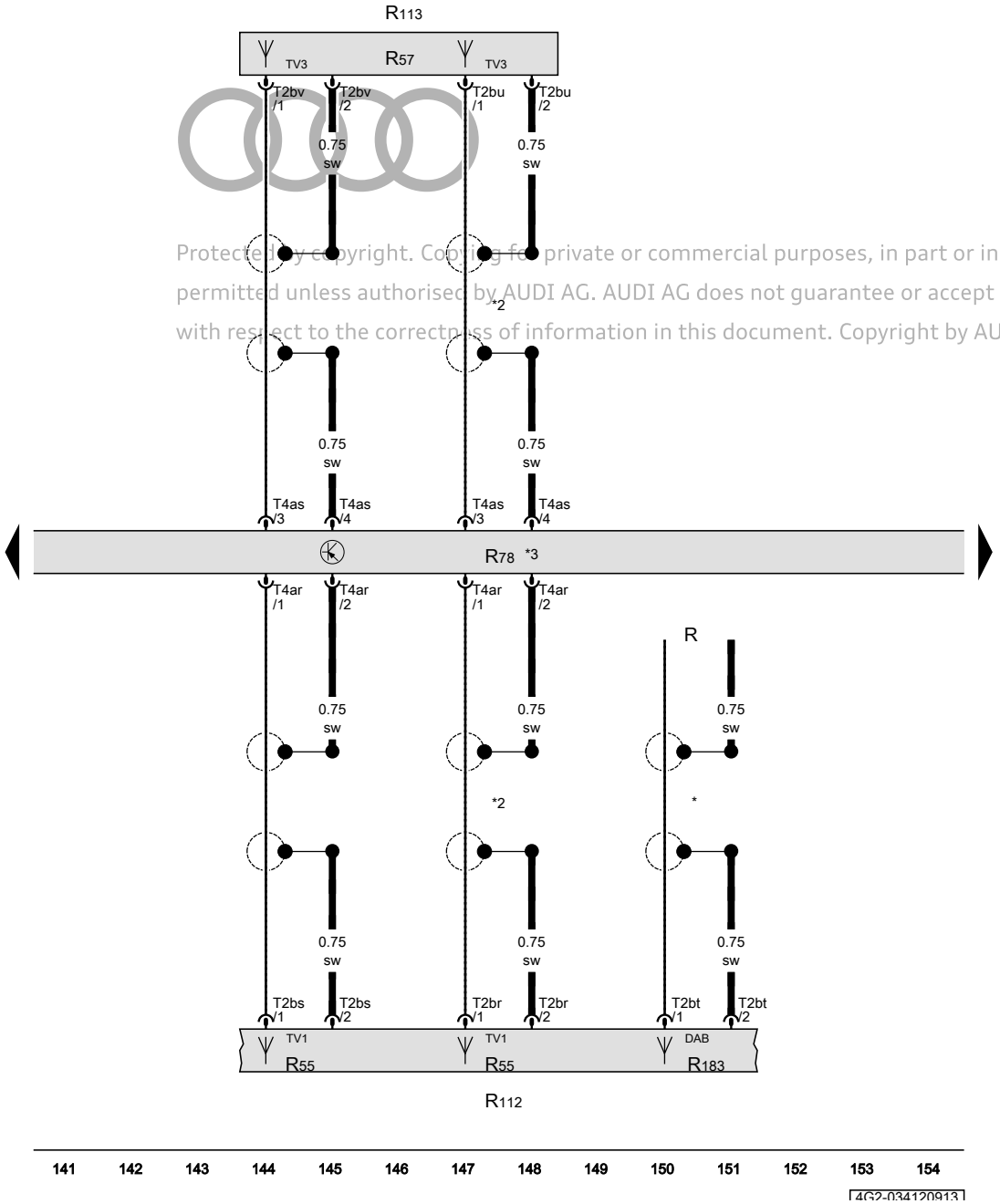


TV tuner

R78	TV tuner
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T2by	2-pin connector
T20d	20-pin connector
50	Earth point, on left in luggage compartment
381	Earth connection 16, in main wiring harness
*	Saloon
*2	see applicable current flow diagram for fuse assignment
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network
*5	According to equipment

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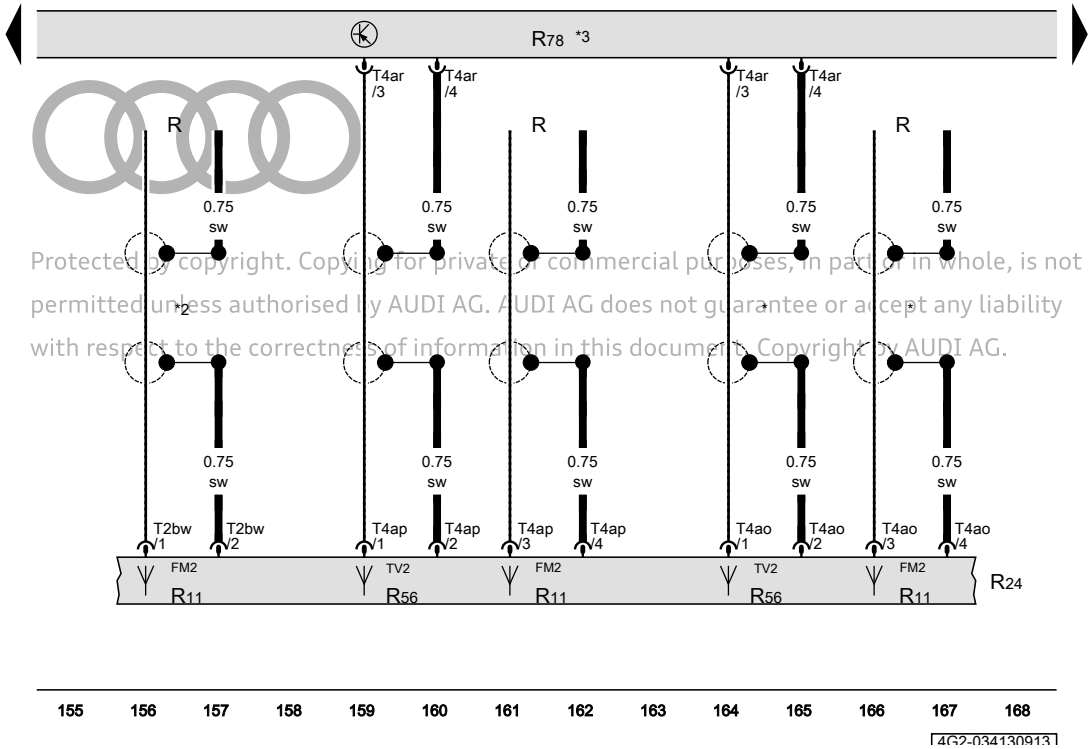
TV tuner, Aerial amplifier 3

R	Radio
R55	TV aerial 1
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3, Rear window, top right
R113	Aerial amplifier 4, Rear window, bottom right
R183	Digital radio aerial
T2br	2-pin connector
T2bs	2-pin connector
T2bt	2-pin connector
T2bu	2-pin connector
T2bv	2-pin connector
T4ar	4-pin connector
T4as	4-pin connector
*	Only models with digital radio
*2	Only models with equipment for Japan
*3	Saloon

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Aerial amplifier, TV tuner

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R56	TV aerial 2
R78	TV tuner
T2bw	2-pin connector
T4ao	4-pin connector
T4ap	4-pin connector
T4ar	4-pin connector
*	Only models with equipment for Japan
*2	Only models with no TV receiver
*3	Saloon

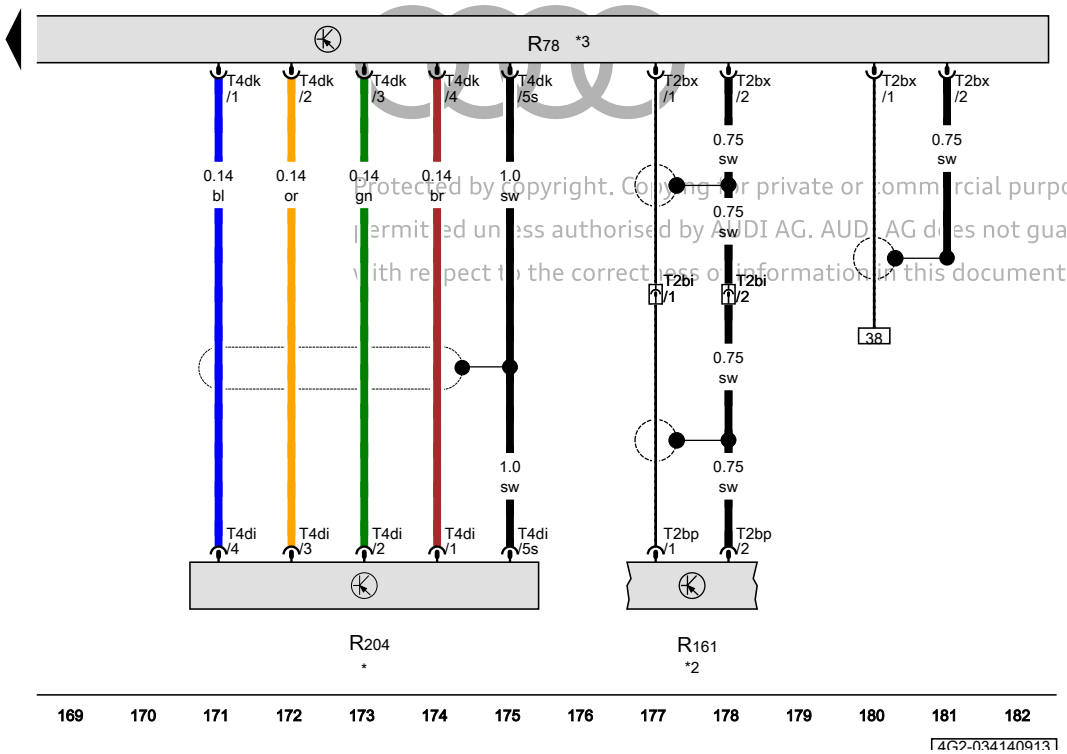


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ge	=	yellow
or	=	orange
rs	=	pink

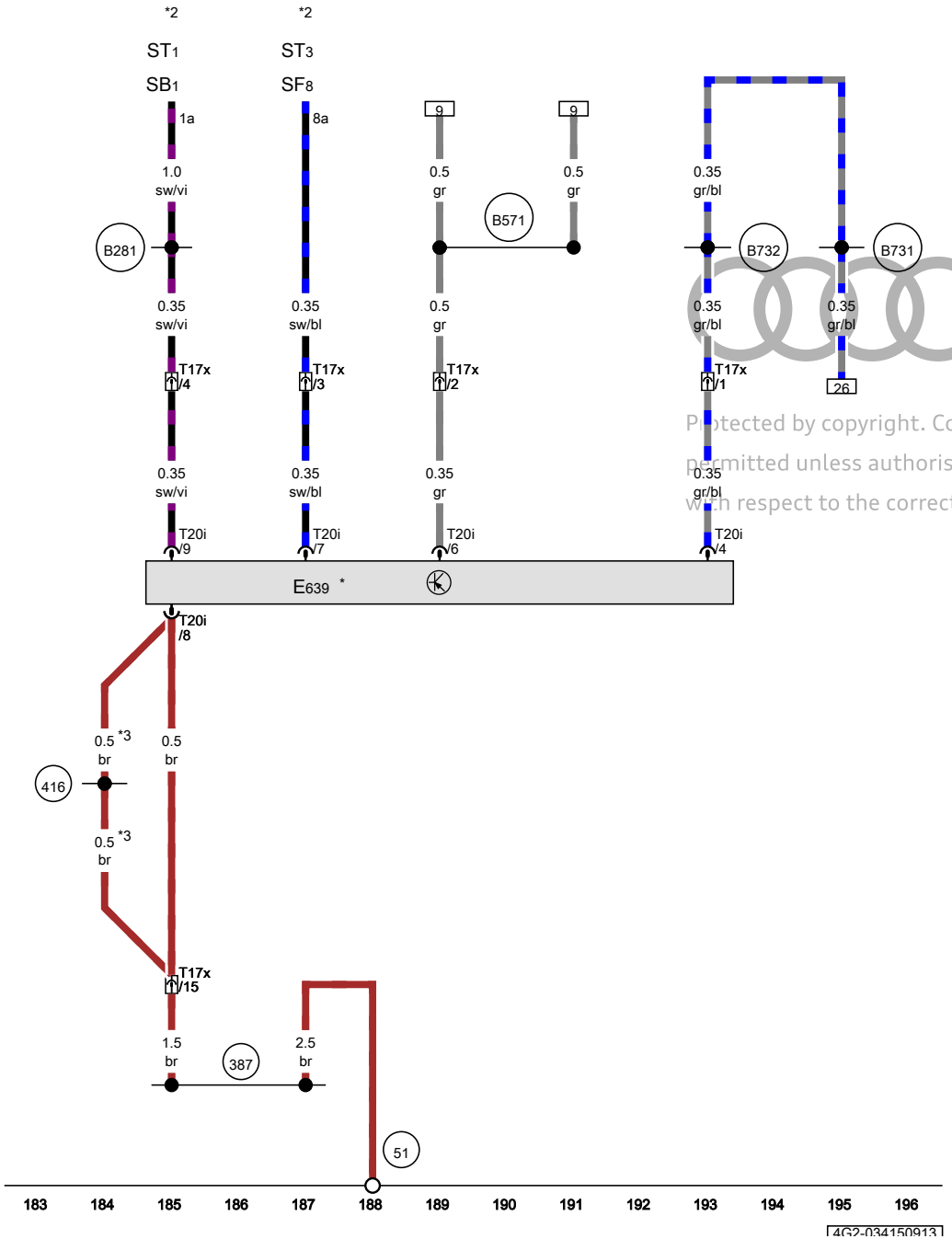
TV tuner, TV card reader

R78	TV tuner
R161	DVD changer
R204	TV card reader
T2bi	2-pin connector, Relay carrier on left under dash panel
T2bp	2-pin connector
T2bx	2-pin connector
T4di	4-pin connector
T4dk	4-pin connector
*	Only models with equipment for Japan
*2	Only models with DVD player
*3	Saloon



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vi	=	purple
ge	=	yellow
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rs	=	pink



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Remote control 1 for information electronics

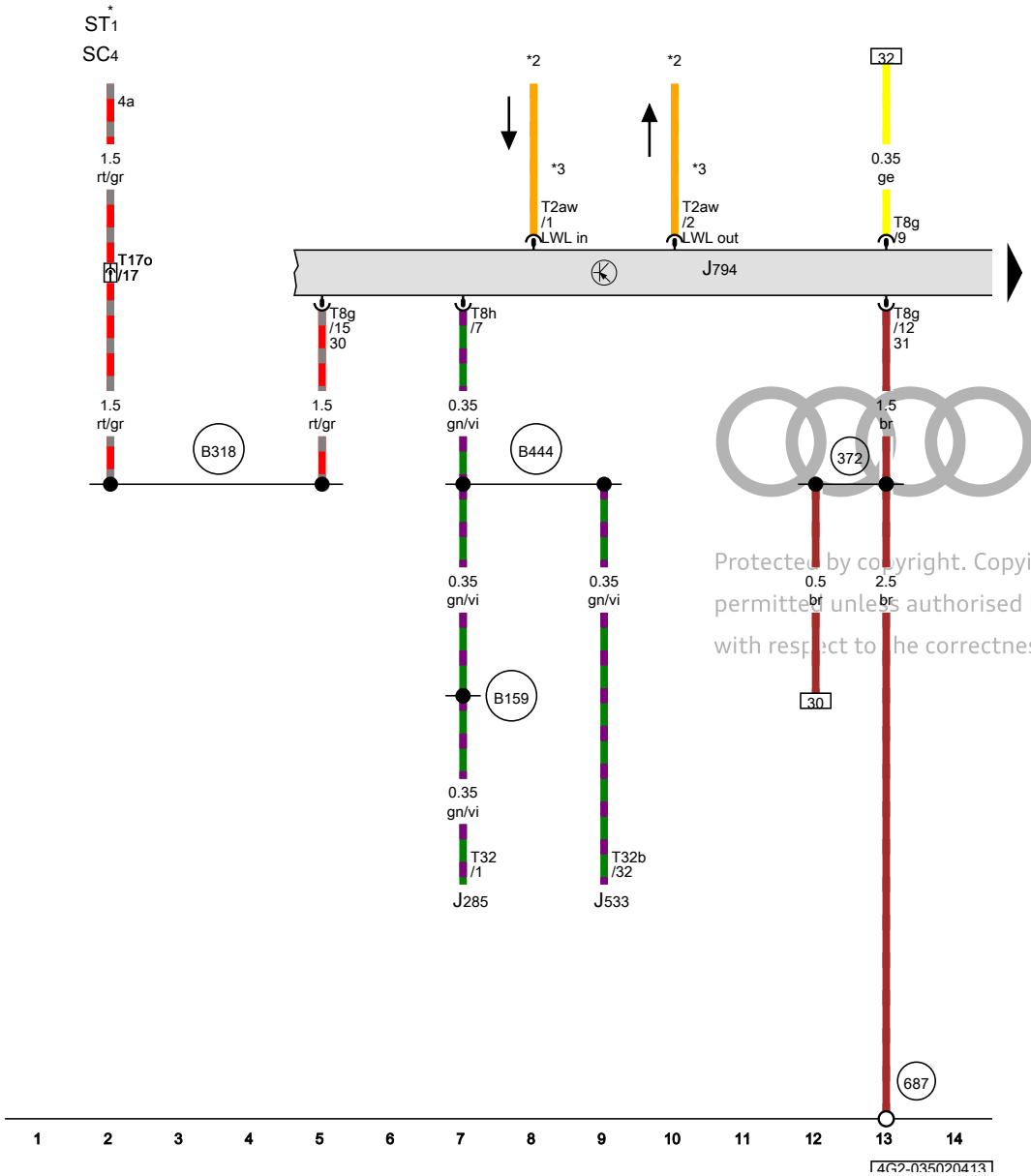
E639	Remote control 1 for information electronics
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SF8	Fuse 8 in fuse holder F
T17x	17-pin connector, in coupling point for rear centre armrest
T20i	20-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
416	Earth connection, in rear armrest wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B571	Connection 38, in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with equipment for China
*2	see applicable current flow diagram for fuse assignment
*3	Only models with additional lights

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

MMI with integrated Bluetooth car phone

From January 2011

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Control unit 1 for information electronics

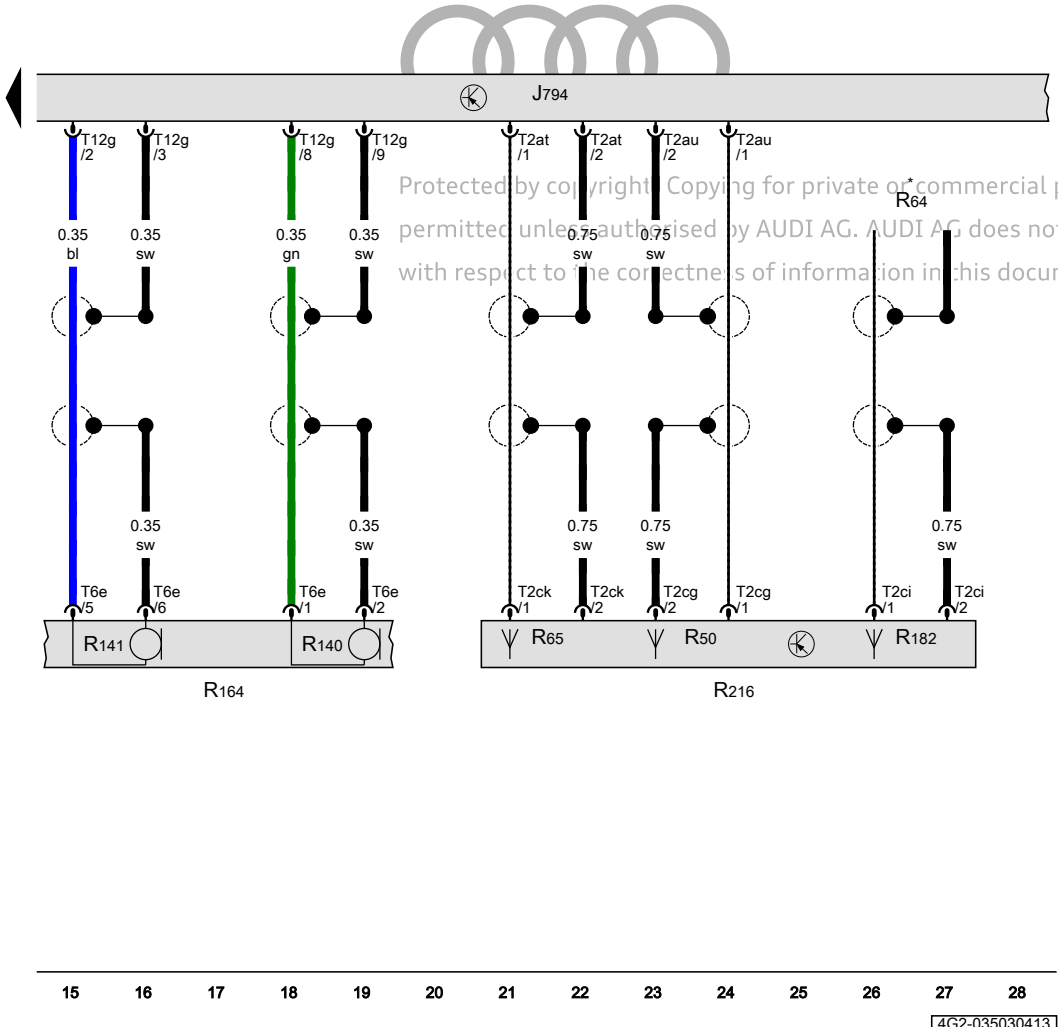
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics, in centre console
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T2aw	2-pin connector
T8g	8-pin connector
T8h	8-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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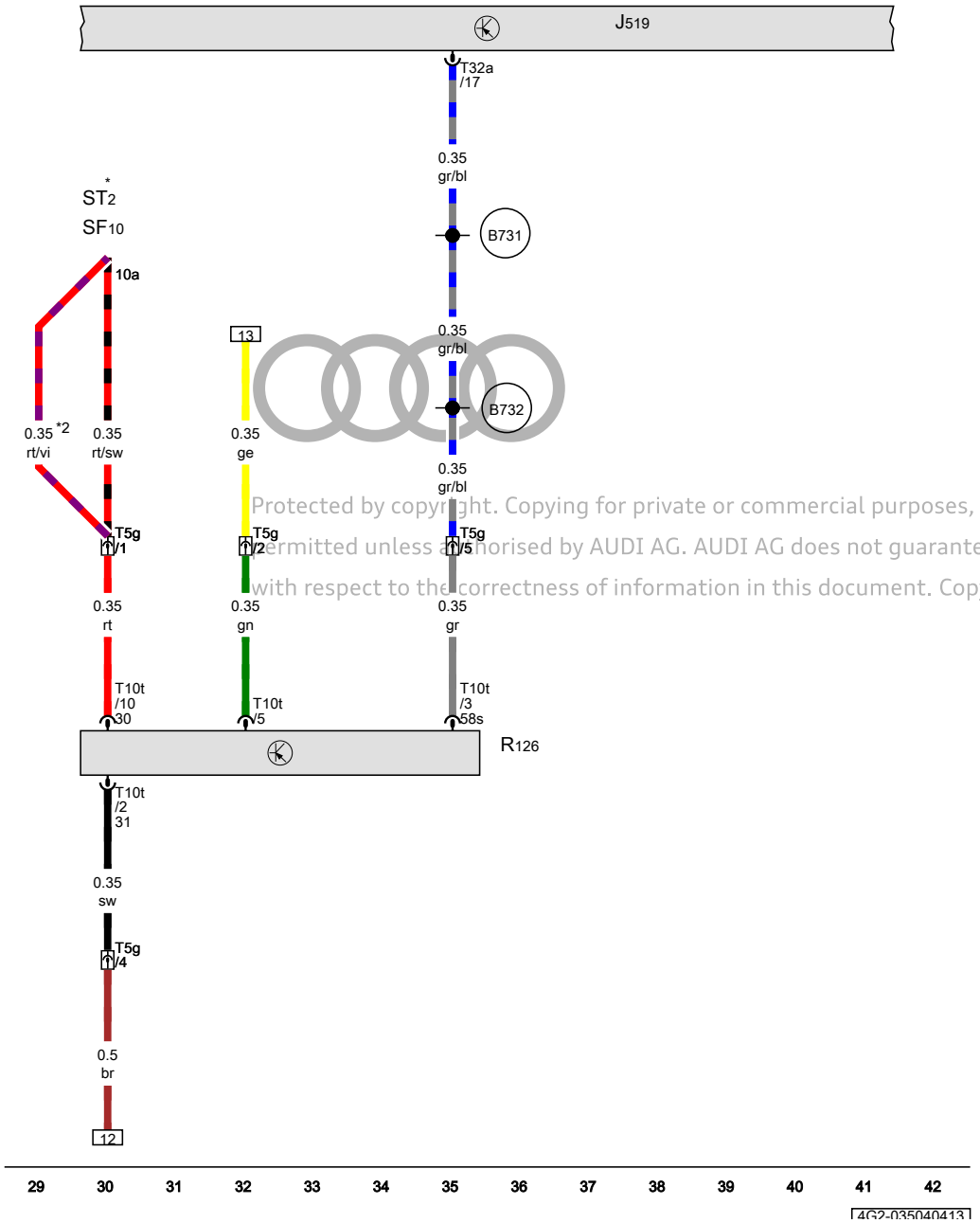
Control unit 1 for information electronics, Microphone unit in front roof module, Roof aerial

J794	Control unit 1 for information electronics, in centre console
R50	GPS aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
R182	Auxiliary heater aerial
R216	Roof aerial
T2at	2-pin connector
T2au	2-pin connector
T2cg	2-pin connector
T2ci	2-pin connector
T2ck	2-pin connector
T6e	6-pin connector
T12g	12-pin connector
*	Only models with auxiliary heating



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Telephone bracket

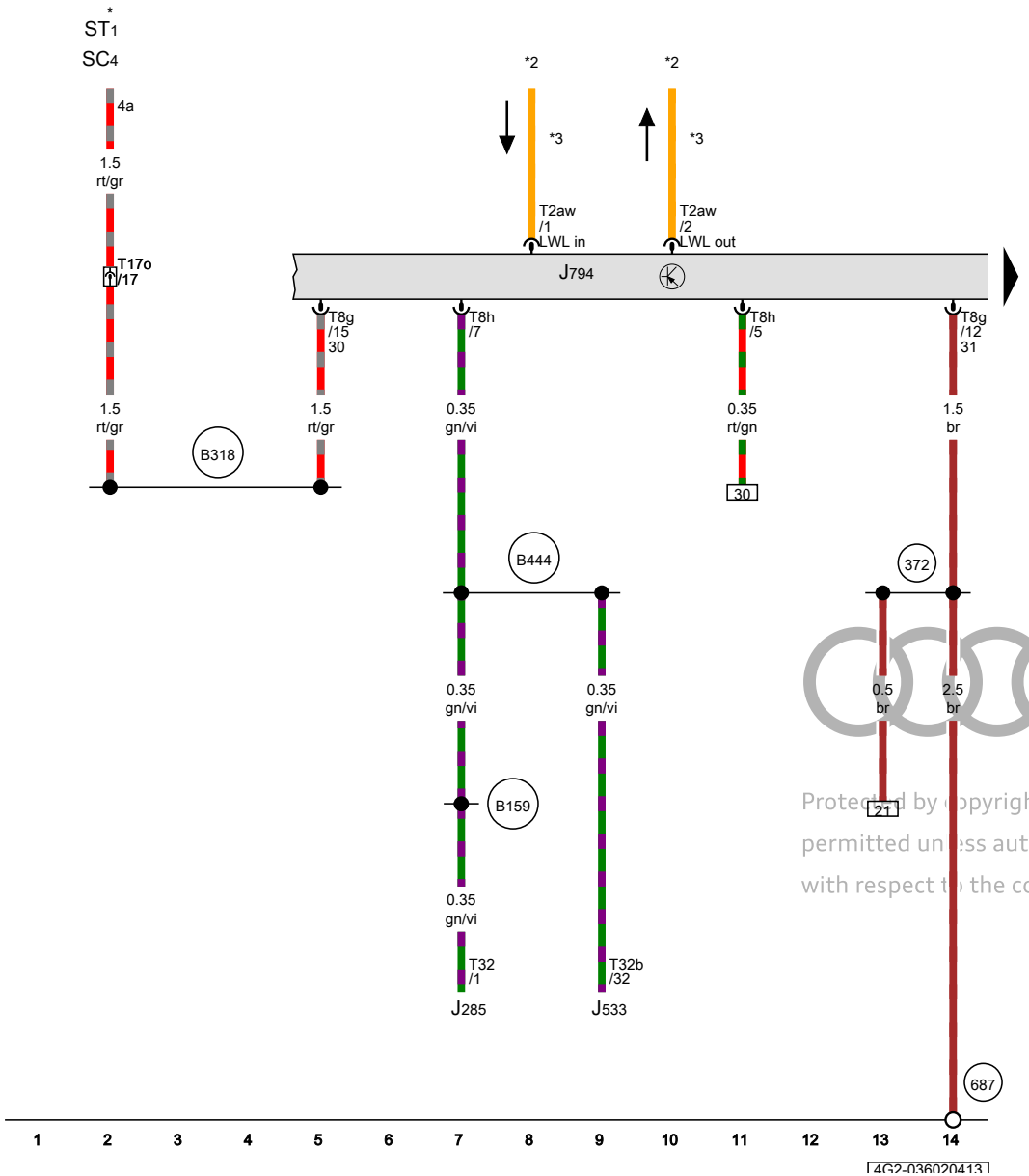
J519	Onboard supply control unit
R126	Telephone bracket
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T5g	5-pin connector, near telephone bracket
T10t	10-pin connector
T32a	32-pin connector
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

MMI with integrated preparation for mobile telephone and hands-free system

From January 2011

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Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics, in centre console
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T2aw	2-pin connector
T8g	8-pin connector
T8h	8-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

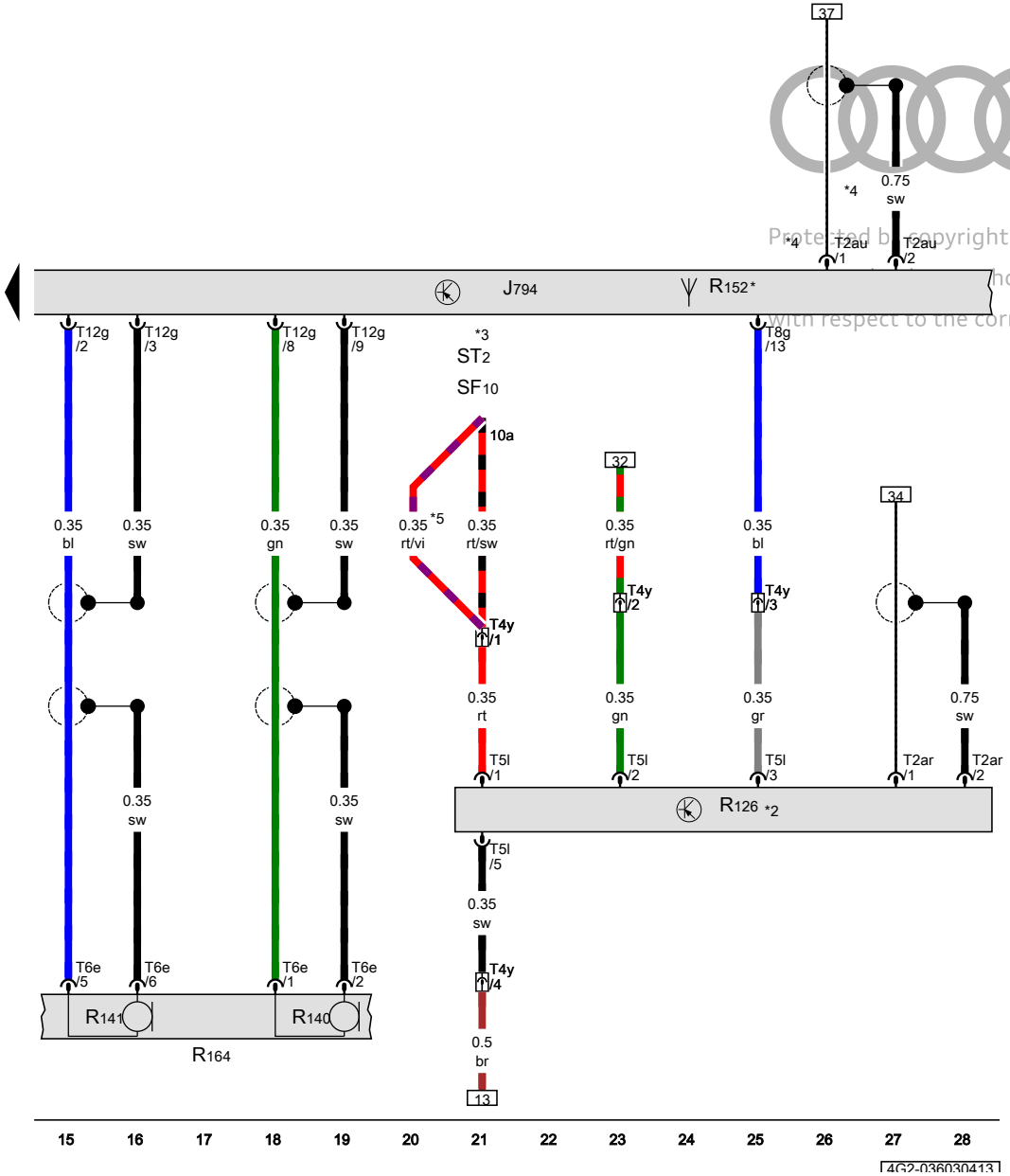
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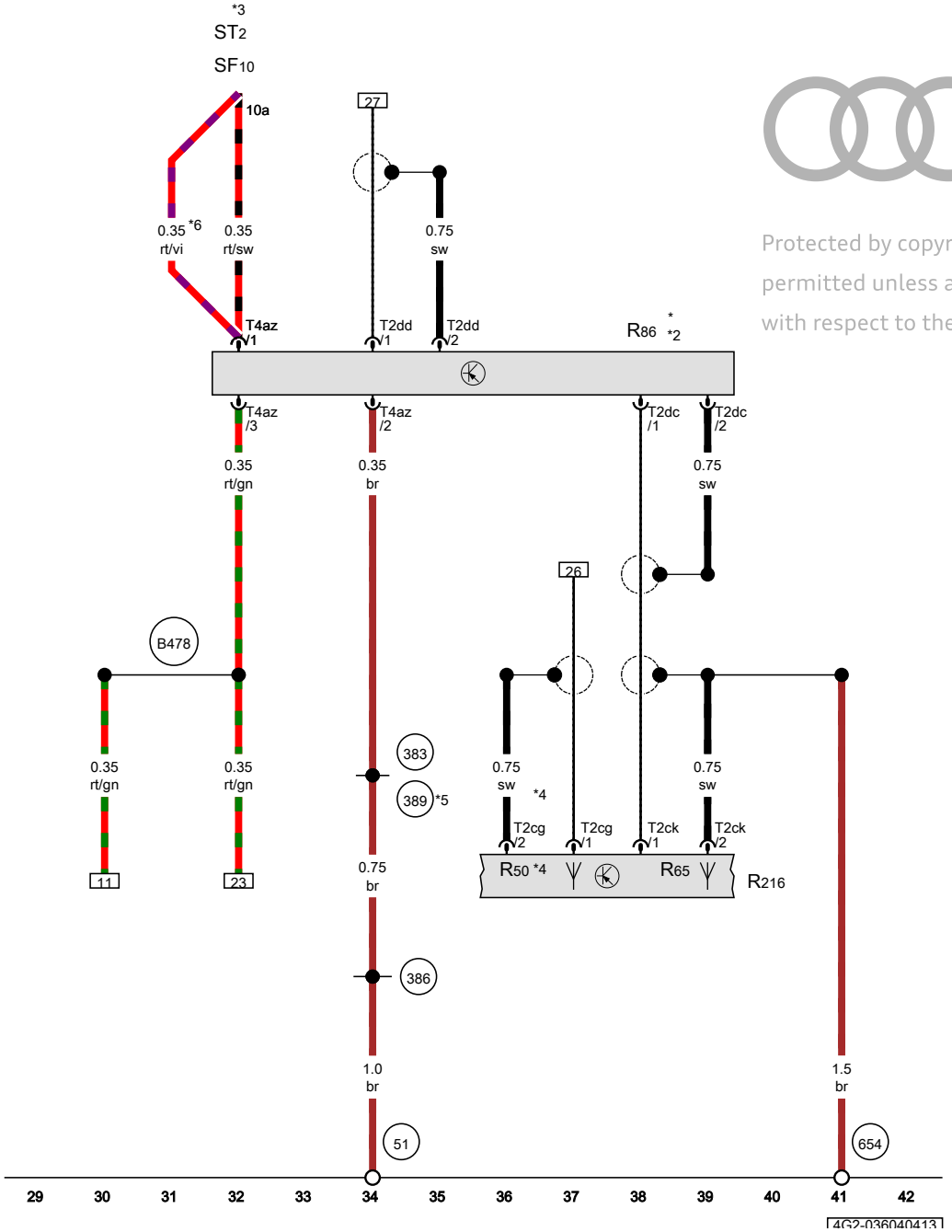
Control unit 1 for information electronics, Telephone bracket, Microphone unit in front roof module

J794	Control unit 1 for information electronics, in centre console
R126	Telephone bracket
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2ar	2-pin connector
T2au	2-pin connector
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T6e	6-pin connector
T8g	8-pin connector
T12g	12-pin connector
*	Only models with aerial for Bluetooth
*2	Optional equipment
*3	see applicable current flow diagram for fuse assignment
*4	Aerial connection for GPS
*5	From June 2011

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Aerial amplifier for mobile telephone, Roof aerial

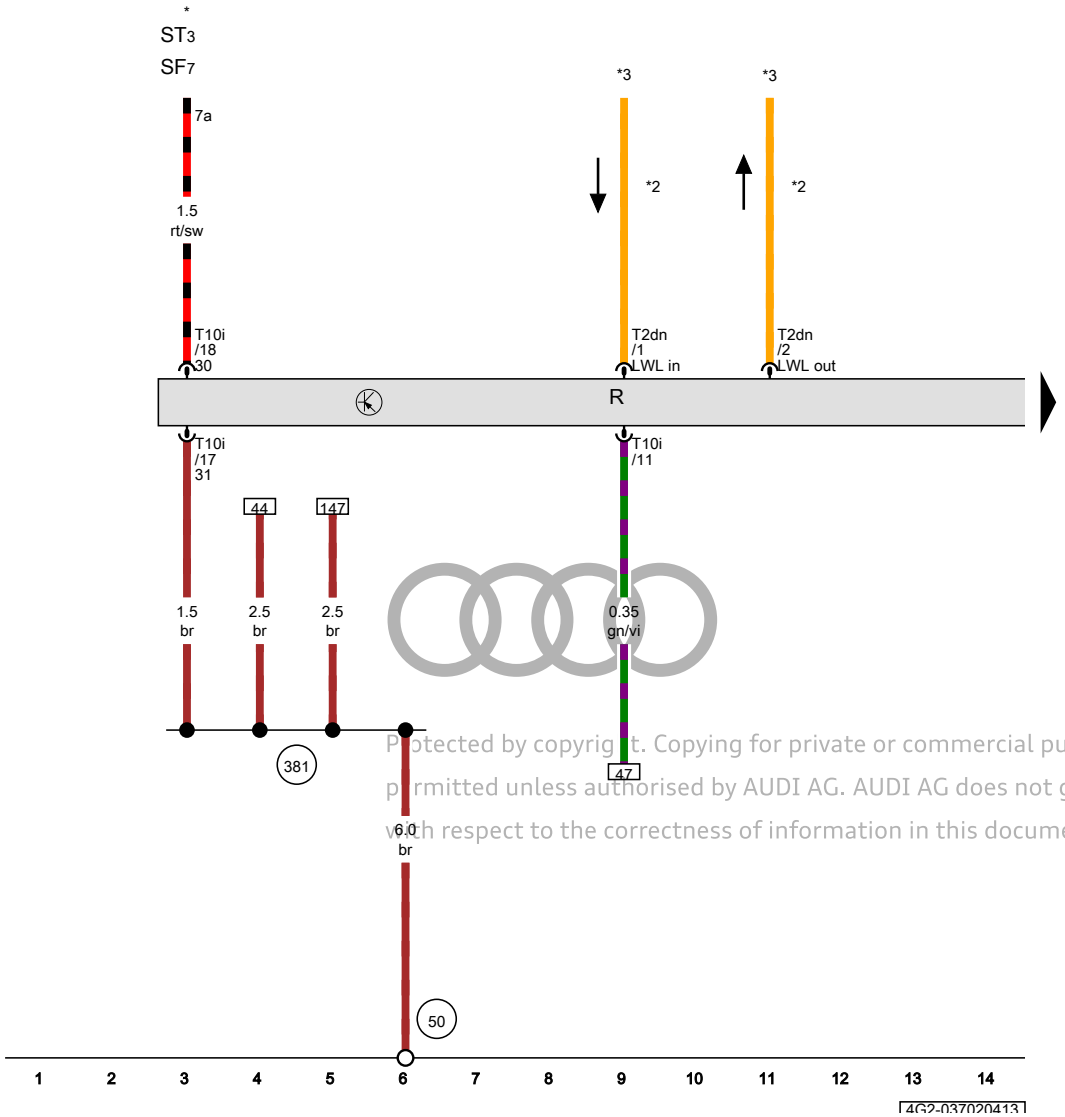
R50	GPS aerial
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R216	Roof aerial
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2cg	2-pin connector
T2ck	2-pin connector
T2dc	2-pin connector
T2dd	2-pin connector
T4az	4-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
654	Earth point, on right D-pillar
B478	Connection 14, in main wiring harness
*	Not for American markets
*2	Optional equipment
*3	see applicable current flow diagram for fuse assignment
*4	Aerial connection for GPS
*5	Avant
*6	From June 2011

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MMI with radio and Bang & Olufsen sound system

From January 2011

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Radio

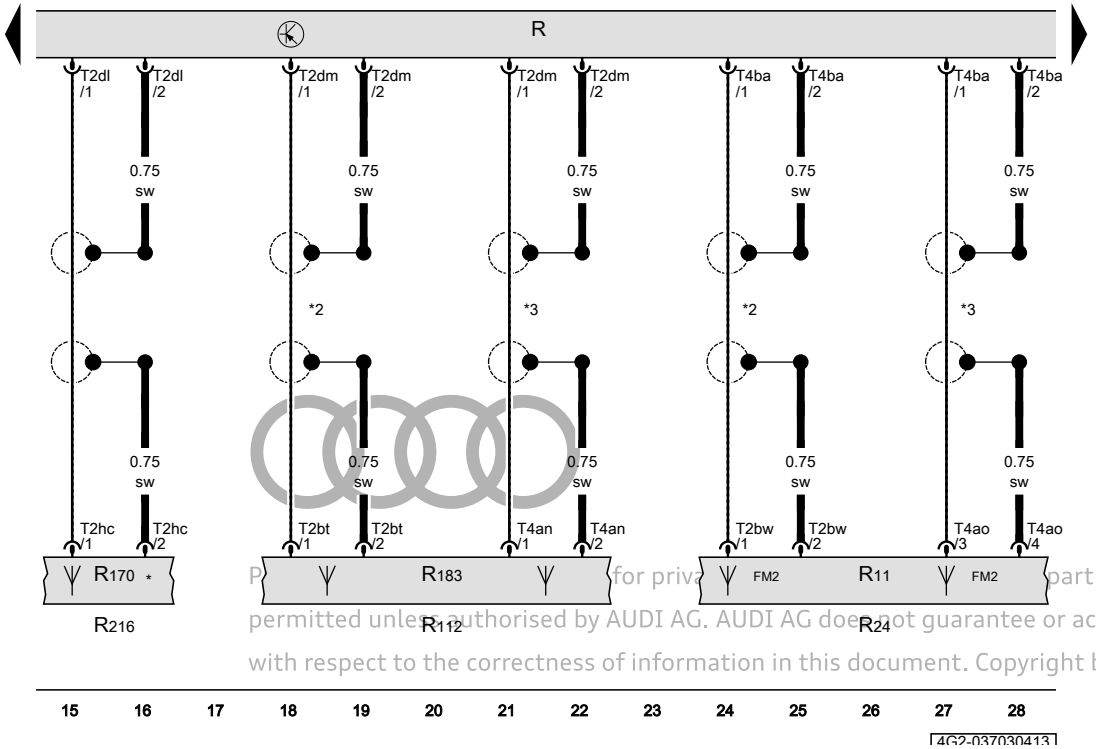
R	Radio
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
T2dn	2-pin connector
T10i	10-pin connector
50	Earth point, on left in luggage compartment
381	Earth connection 16, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for data bus network

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Radio

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R112	Aerial amplifier 3
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2bt	2-pin connector
T2bw	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T2hc	2-pin connector
T4an	4-pin connector
T4ao	4-pin connector
T4ba	4-pin connector
*	Only for American markets
*2	Only models with no TV receiver
*3	Only models with TV tuner

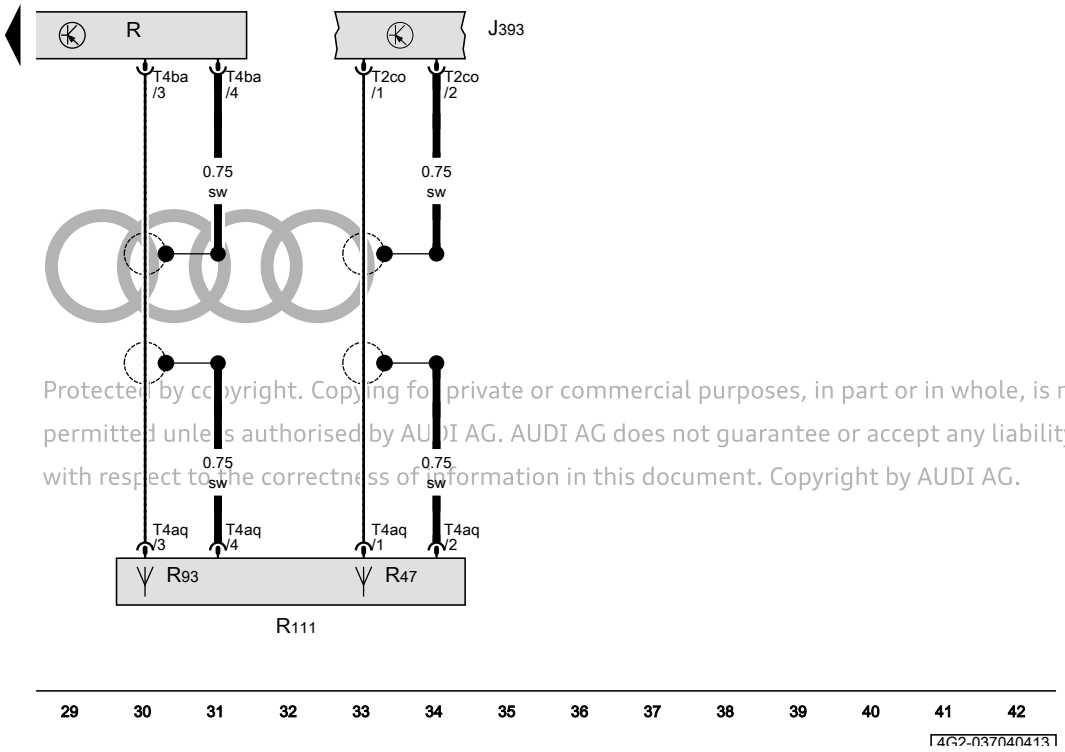


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Radio, Aerial amplifier 2

J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R93	Radio aerial 2
R111	Aerial amplifier 2, Rear window, top left
T2co	2-pin connector
T4aq	4-pin connector
T4ba	4-pin connector

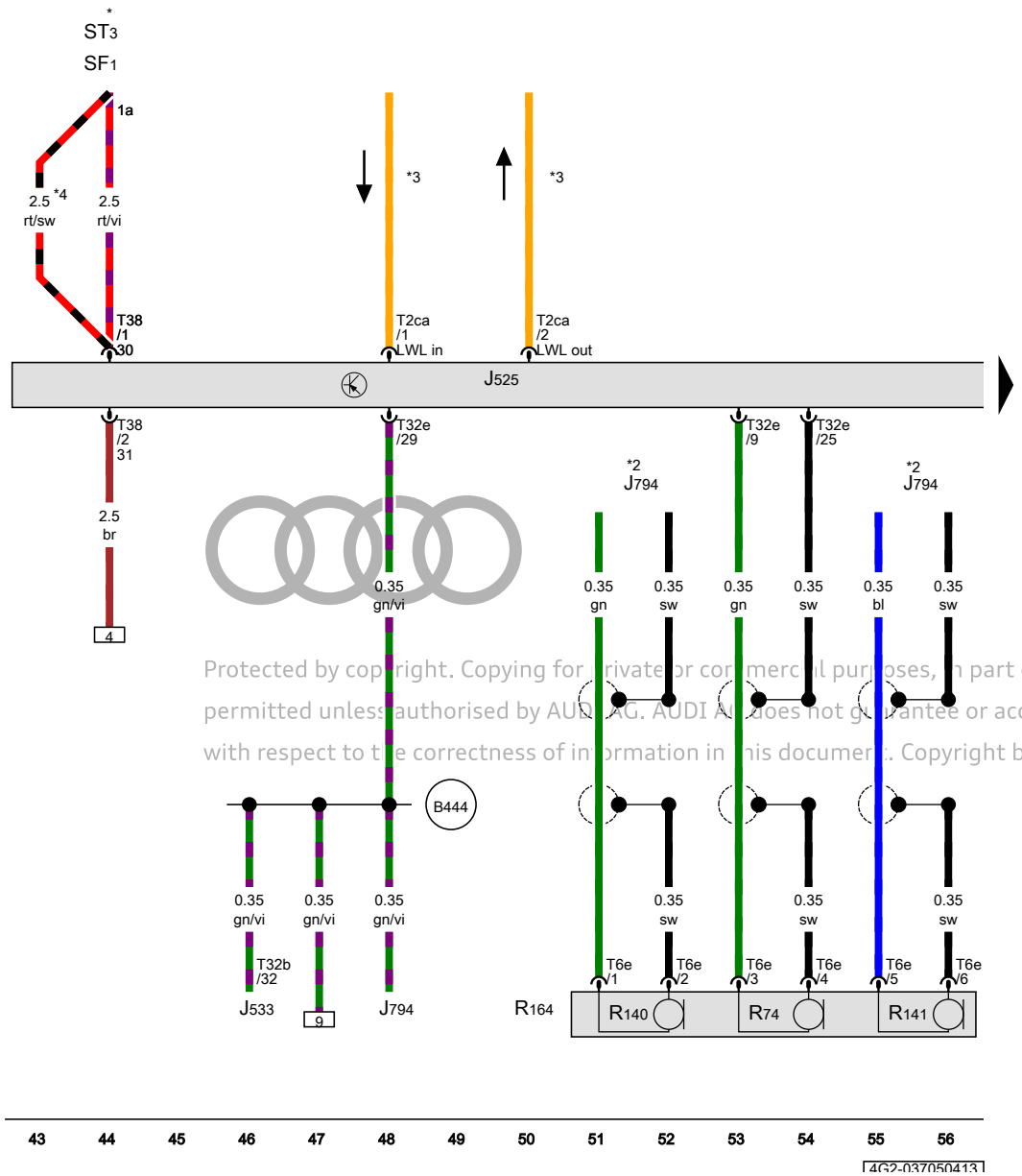


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Digital sound package control unit, Microphone unit in front roof module

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
SF1	Fuse 1 in fuse holder F
ST3	Fuse carrier 3
T2ca	2-pin connector
T6e	6-pin connector
T32b	32-pin connector
T32e	32-pin connector
T38	38-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for MMI (information electronics)
*3	Fibre optic cable (FOC)
*4	From June 2011



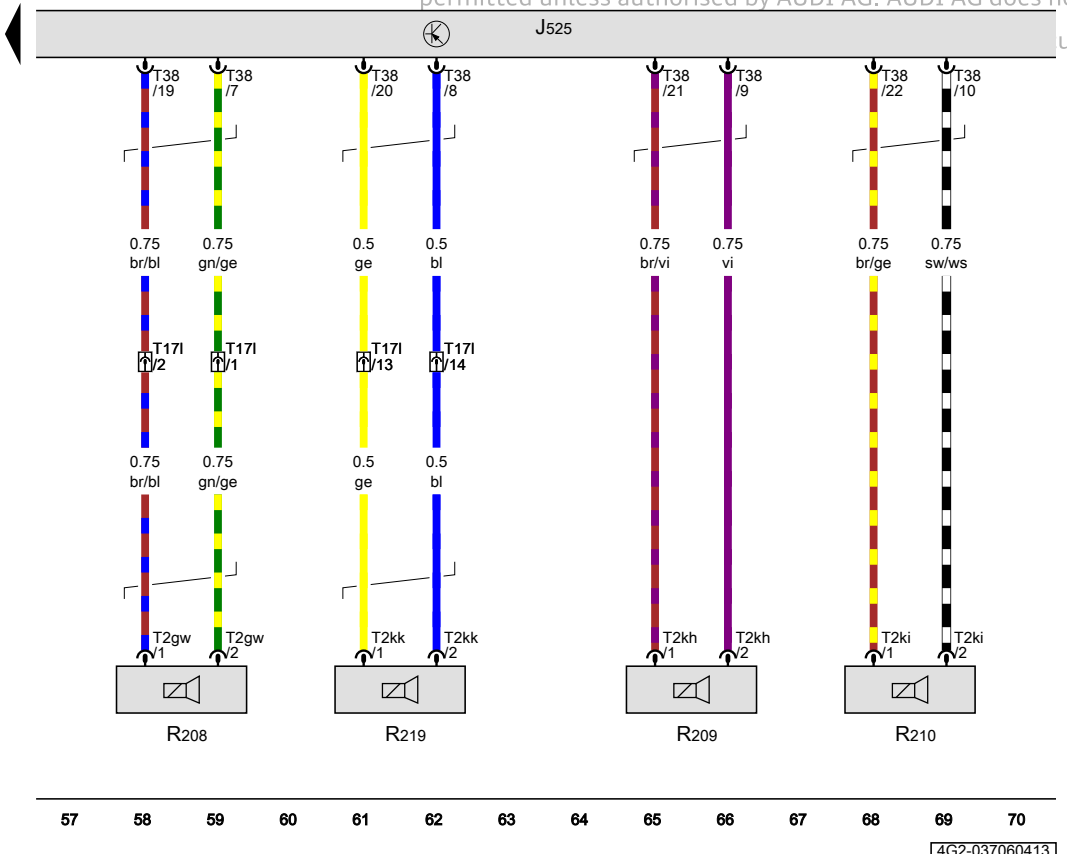
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Digital sound package control unit, Centre loudspeaker, Left effect loudspeaker, Right effect loudspeaker

J525	Digital sound package control unit
R208	Centre loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
R219	Centre loudspeaker 2
T2gw	2-pin connector
T2kh	2-pin connector
T2ki	2-pin connector
T2kk	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T38	38-pin connector

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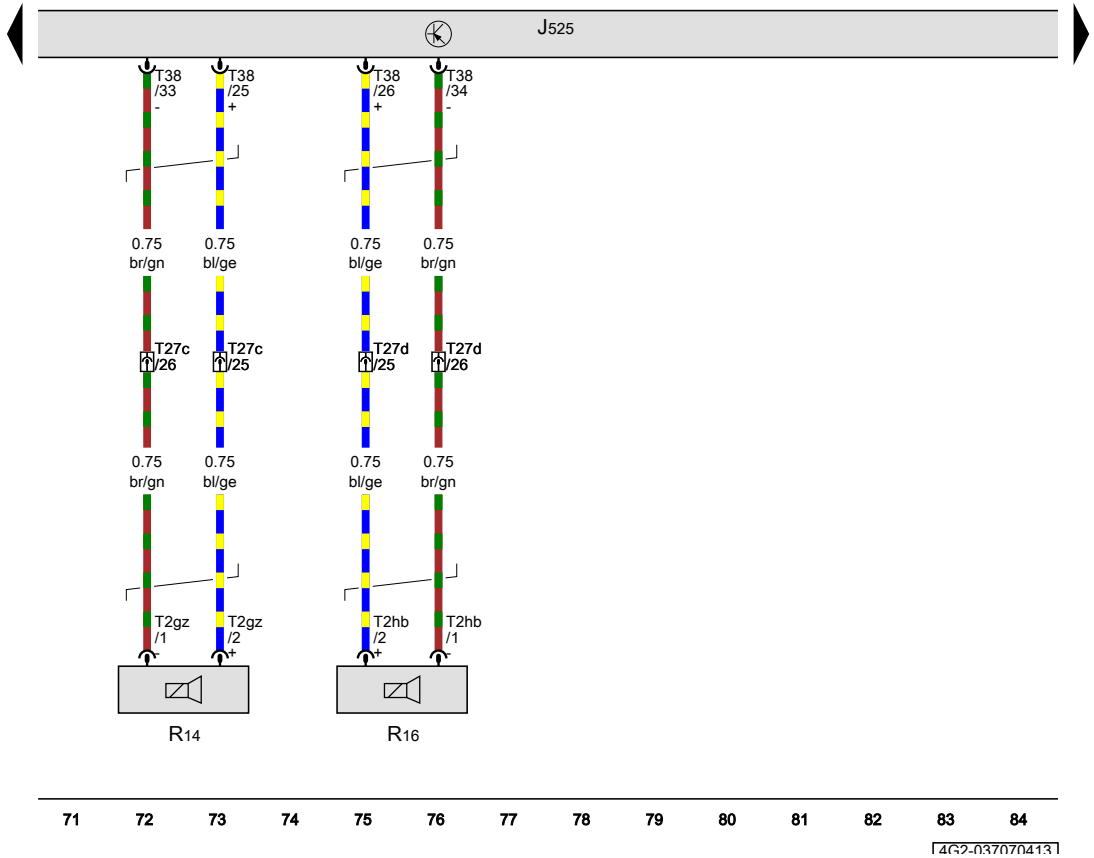


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Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
T2gz	2-pin connector
T2hb	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T38	38-pin connector

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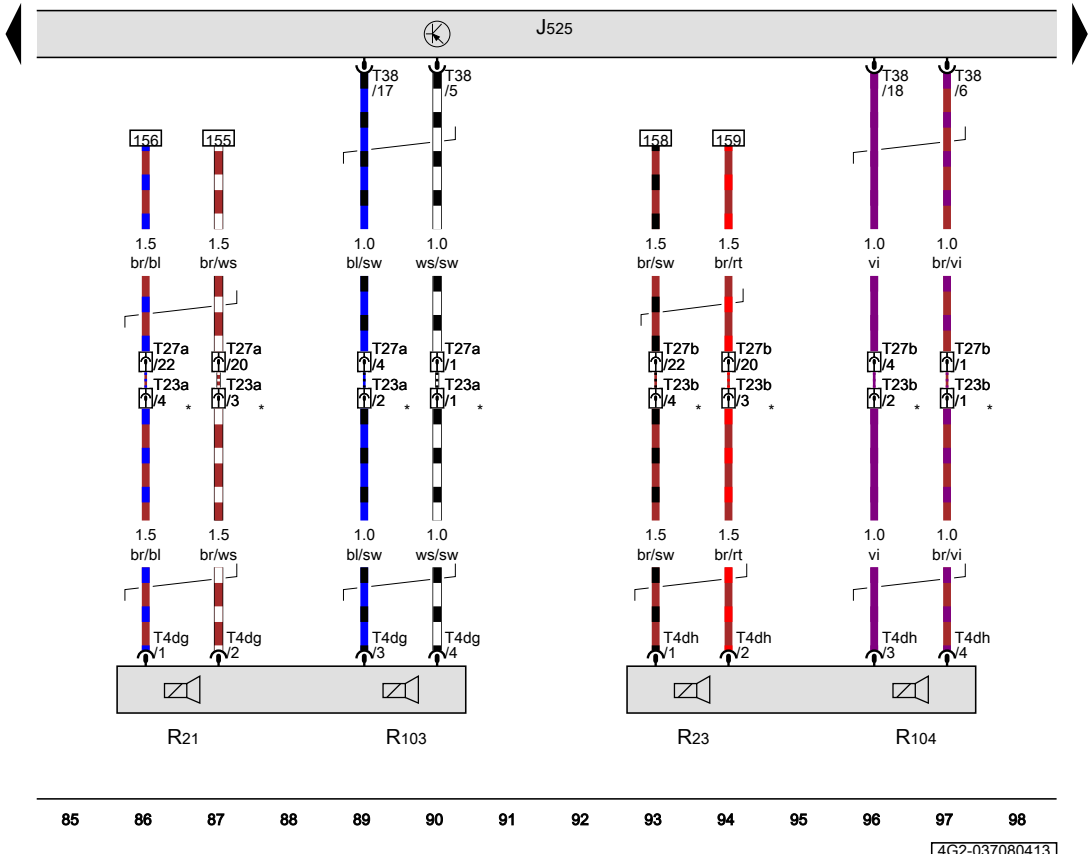


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rs	=	pink

Digital sound package control unit, Front left bass loudspeaker, Front left mid-range loudspeaker, Front right mid-range loudspeaker

J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
T4dg	4-pin connector
T4dh	4-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T38	38-pin connector
*	From June 2011

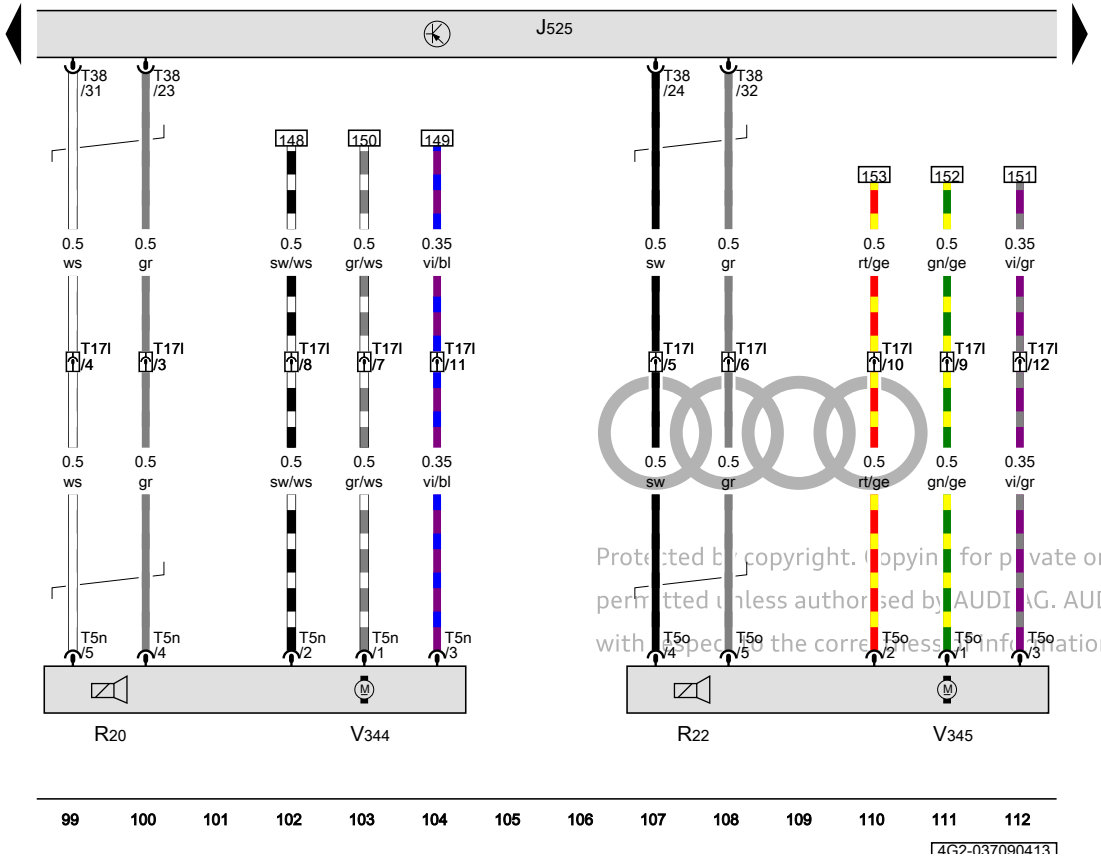
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Digital sound package control unit, Front left treble loudspeaker, Front right treble loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
T5n	5-pin connector
T5o	5-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T38	38-pin connector
V344	Control motor for front left treble speaker
V345	Control motor for front right treble speaker



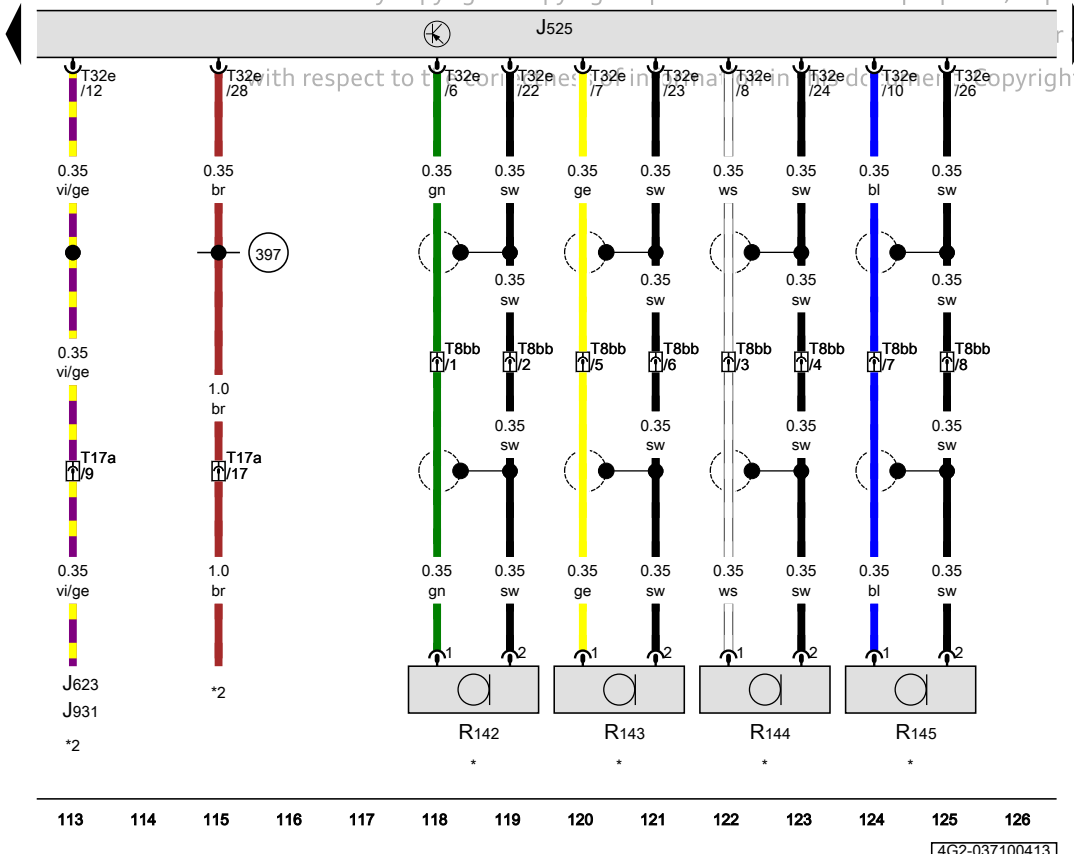
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Digital sound package control unit, Centre left microphone, Rear left microphone

J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R142	Centre left microphone
R143	Centre right microphone
R144	Rear left microphone
R145	Rear right microphone
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32e	32-pin connector
397	Earth connection 32, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

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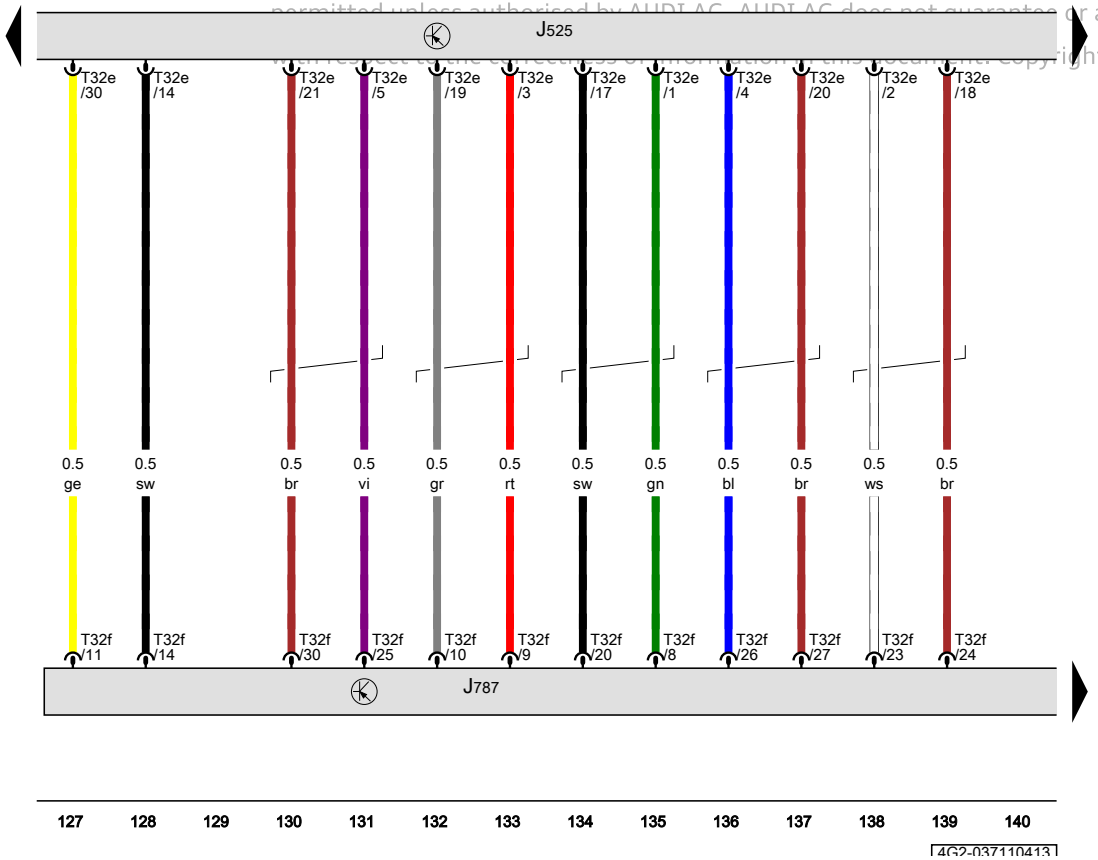


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Digital sound package control unit, Digital sound package control unit 2

J525 Digital sound package control unit
J787 Digital sound package control unit 2
T32e 32-pin connector
T32f 32-pin connector

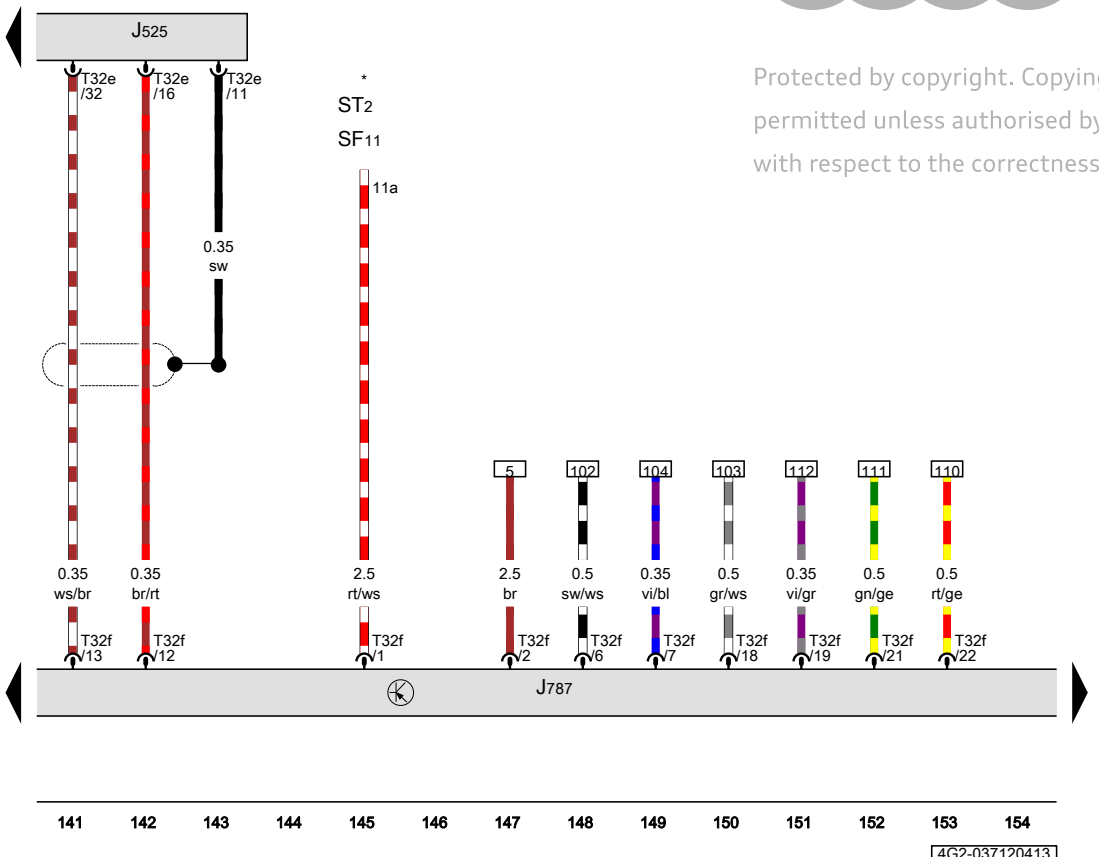
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Digital sound package control unit, Digital sound package control unit 2

J525	Digital sound package control unit
J787	Digital sound package control unit 2
ST2	Fuse carrier 2
SF11	Fuse 11 in fuse holder F
T32e	32-pin connector
T32f	32-pin connector
*	see applicable current flow diagram for fuse assignment



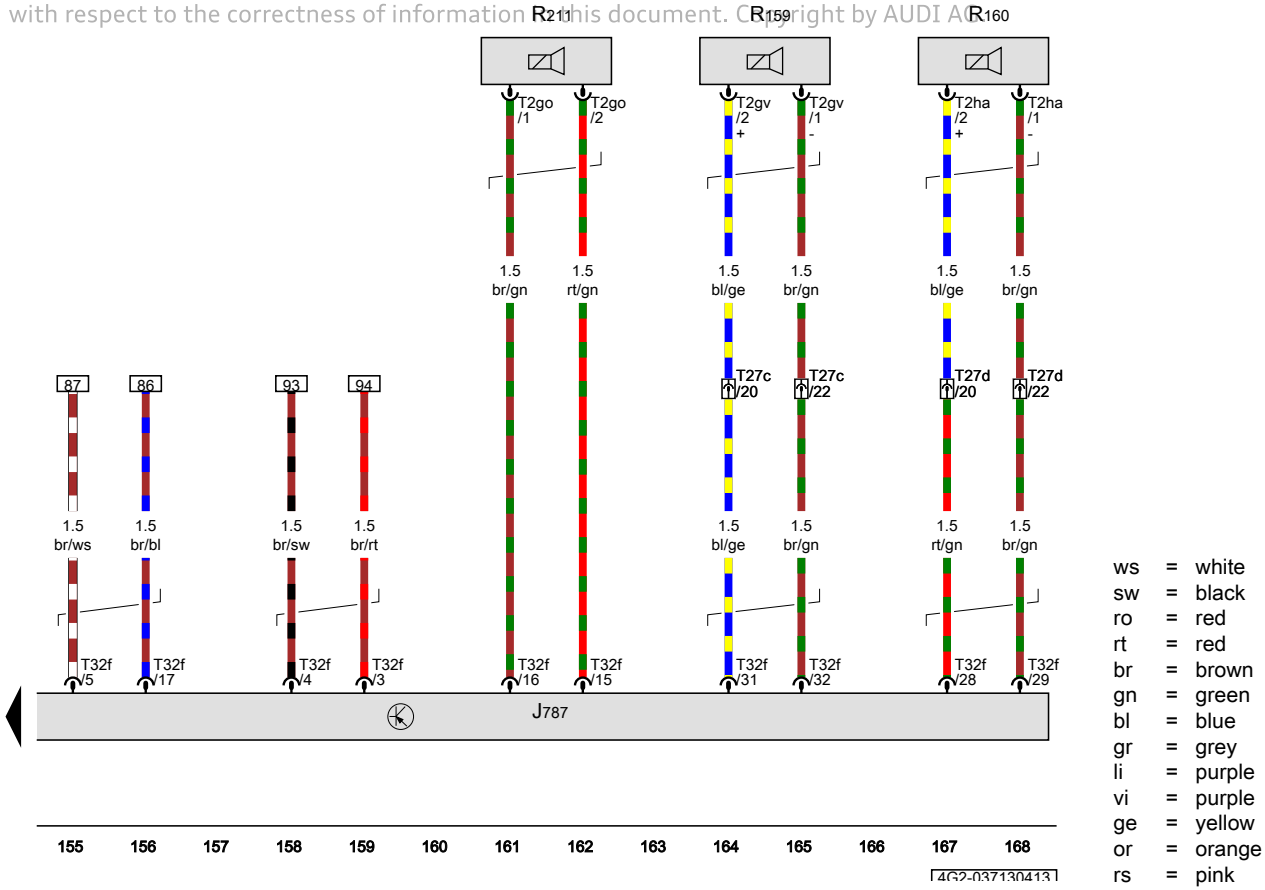
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Digital sound package control unit 2, Rear right mid-range and bass loudspeaker, Subwoofer

J787	Digital sound package control unit 2
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2ha	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32f	32-pin connector

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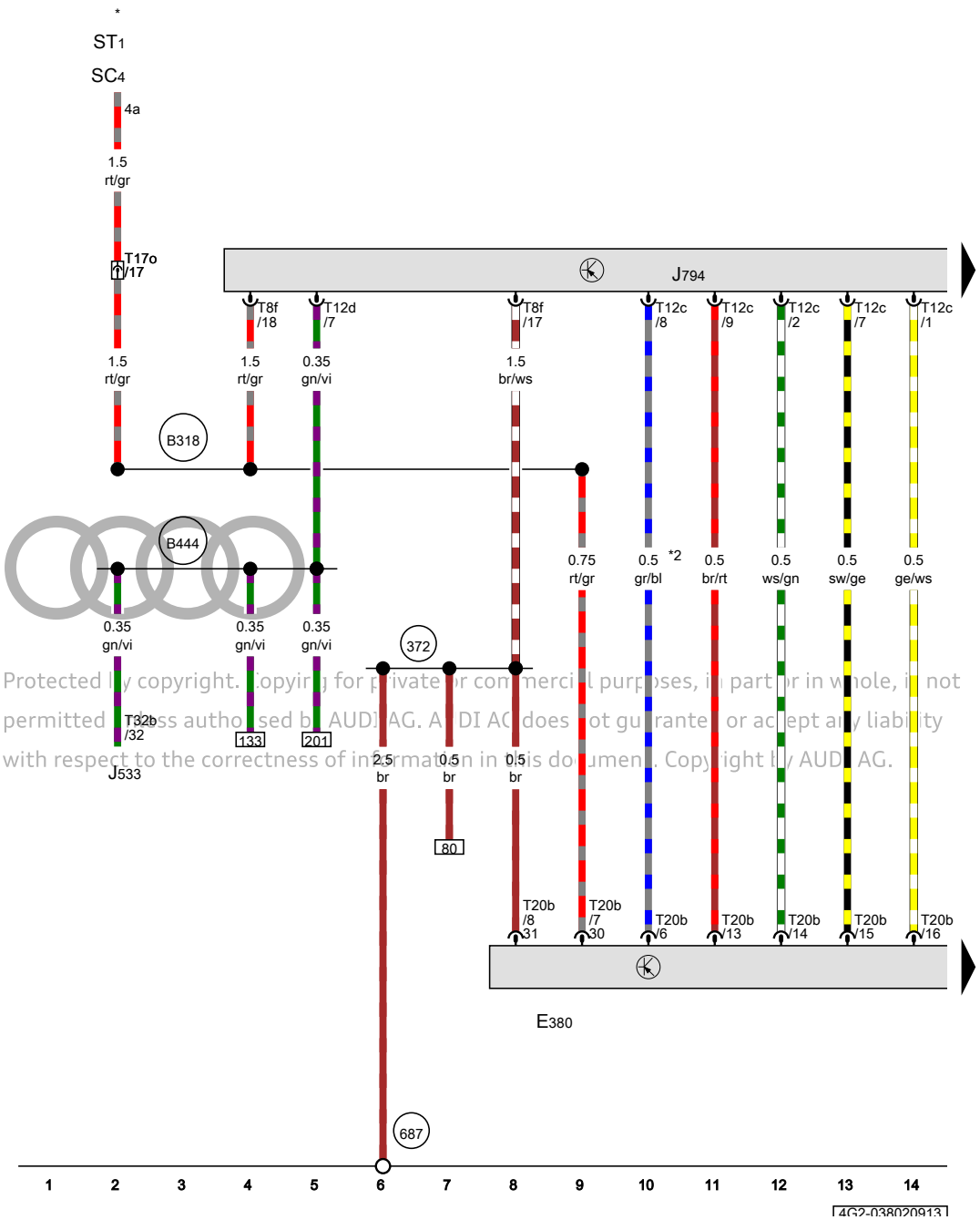


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Radio system plus (RMC) with BOSE sound system

From January 2011

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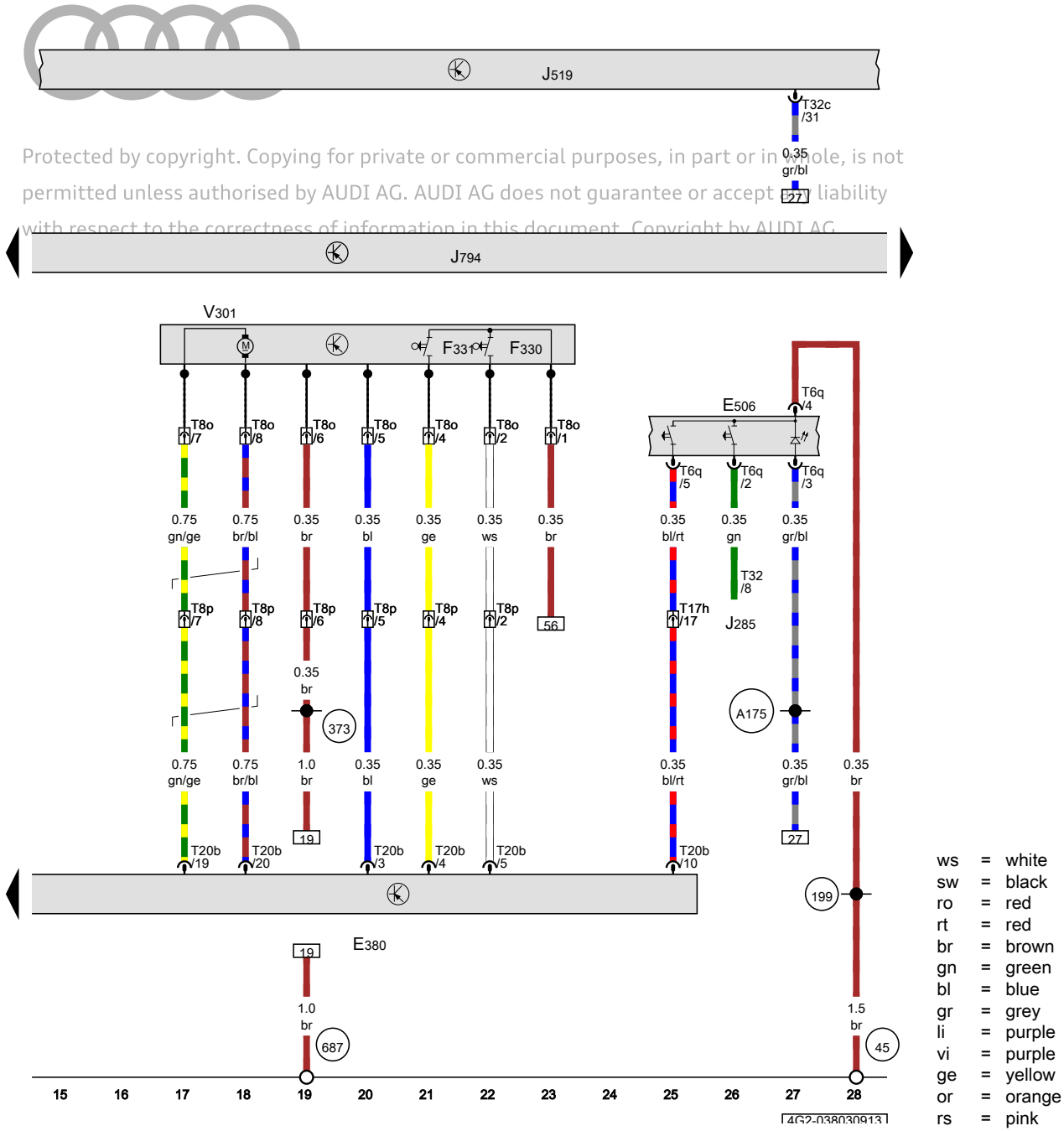
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Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T8f	8-pin connector
T12c	12-pin connector
T12d	12-pin connector
T17o	17-pin connector, in coupling point in interior, right
T20b	20-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

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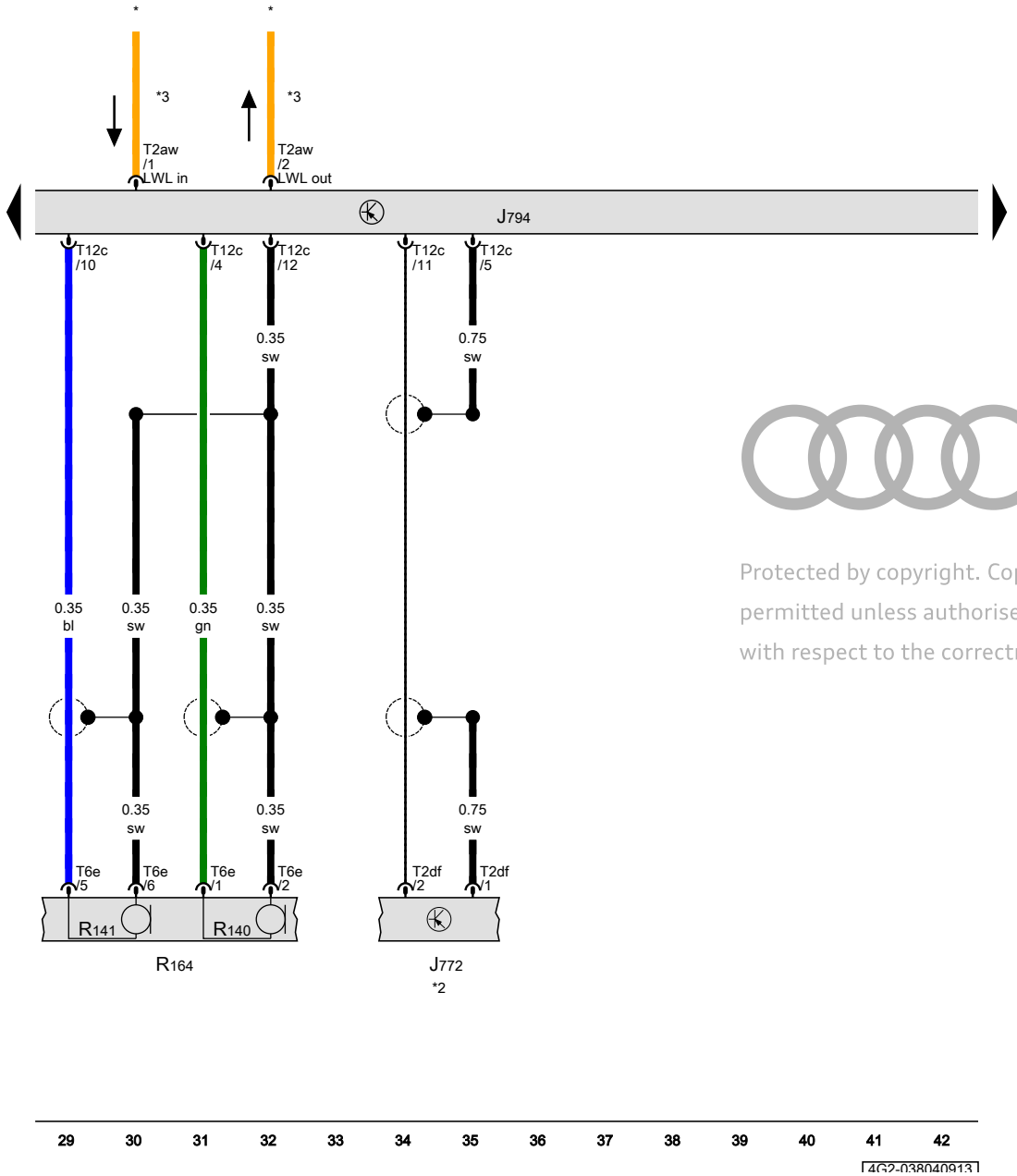
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Multimedia system operating unit, Display unit button, Open display limit switch, Control unit in dash panel insert, Control unit 1 for information electronics, Open and close display motor

E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
T32	32-pin connector
T32c	32-pin connector
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
A175	Connection (58s), in dash panel wiring harness
*	Only models with preparation for mobile telephone

Control unit 1 for information electronics, Microphone unit in front roof module

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T2aw	2-pin connector
T2df	2-pin connector
T6e	6-pin connector
T12c	12-pin connector
*	see applicable current flow diagram for data bus network
*2	Only models with reversing camera system
*3	Fibre optic cable (FOC)

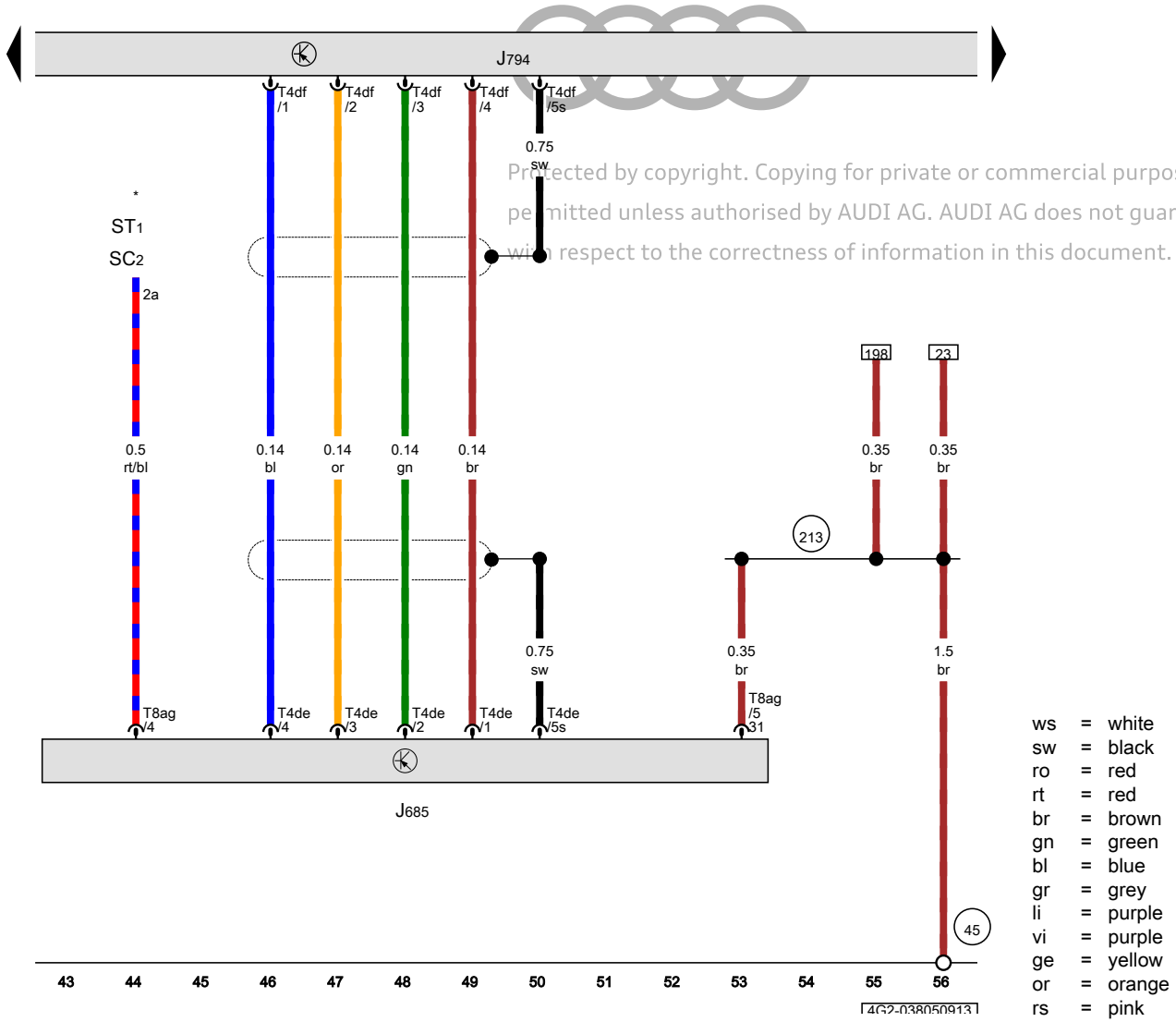


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Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
T4de	4-pin connector
T4df	4-pin connector
T8ag	8-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

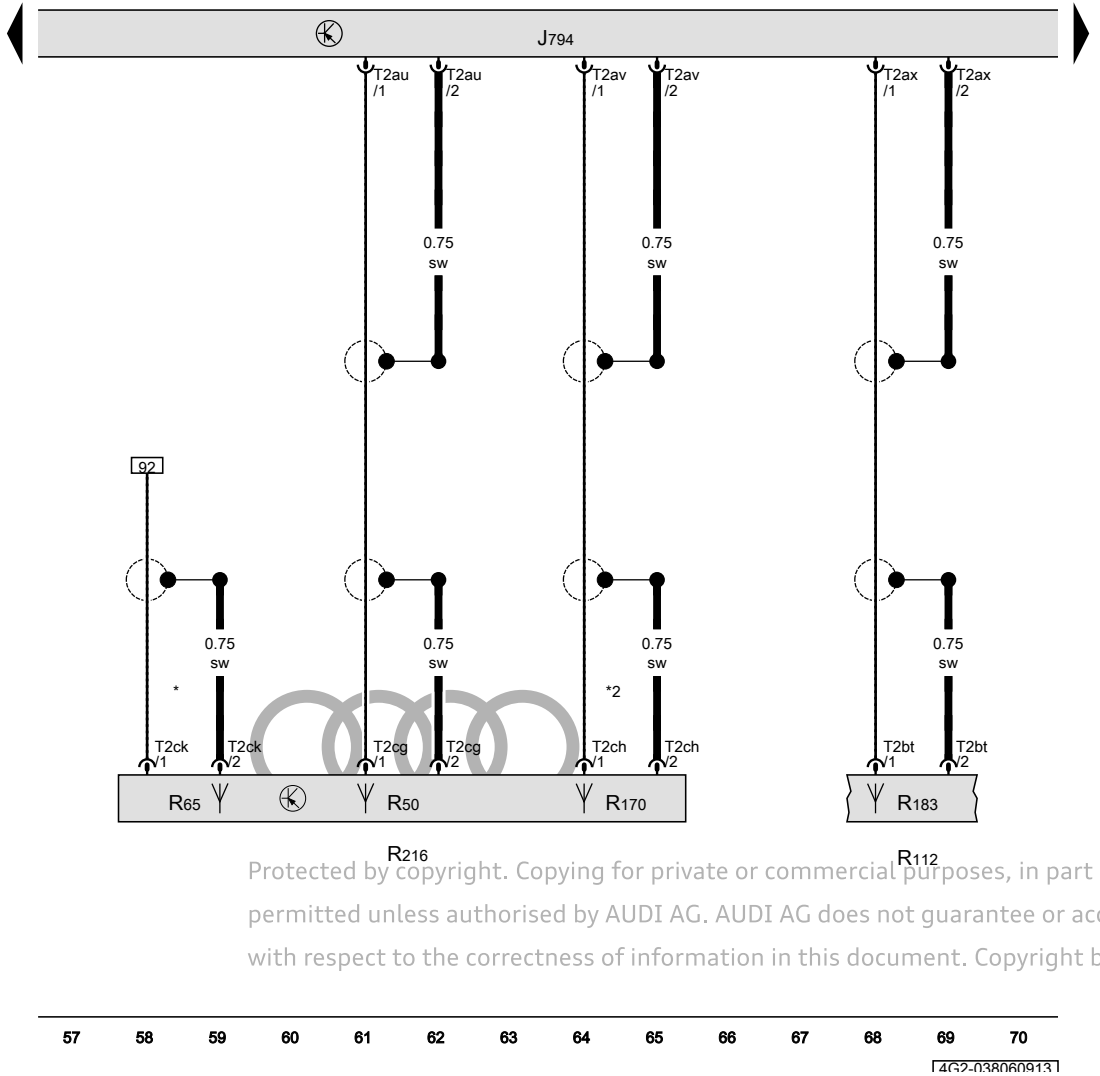


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rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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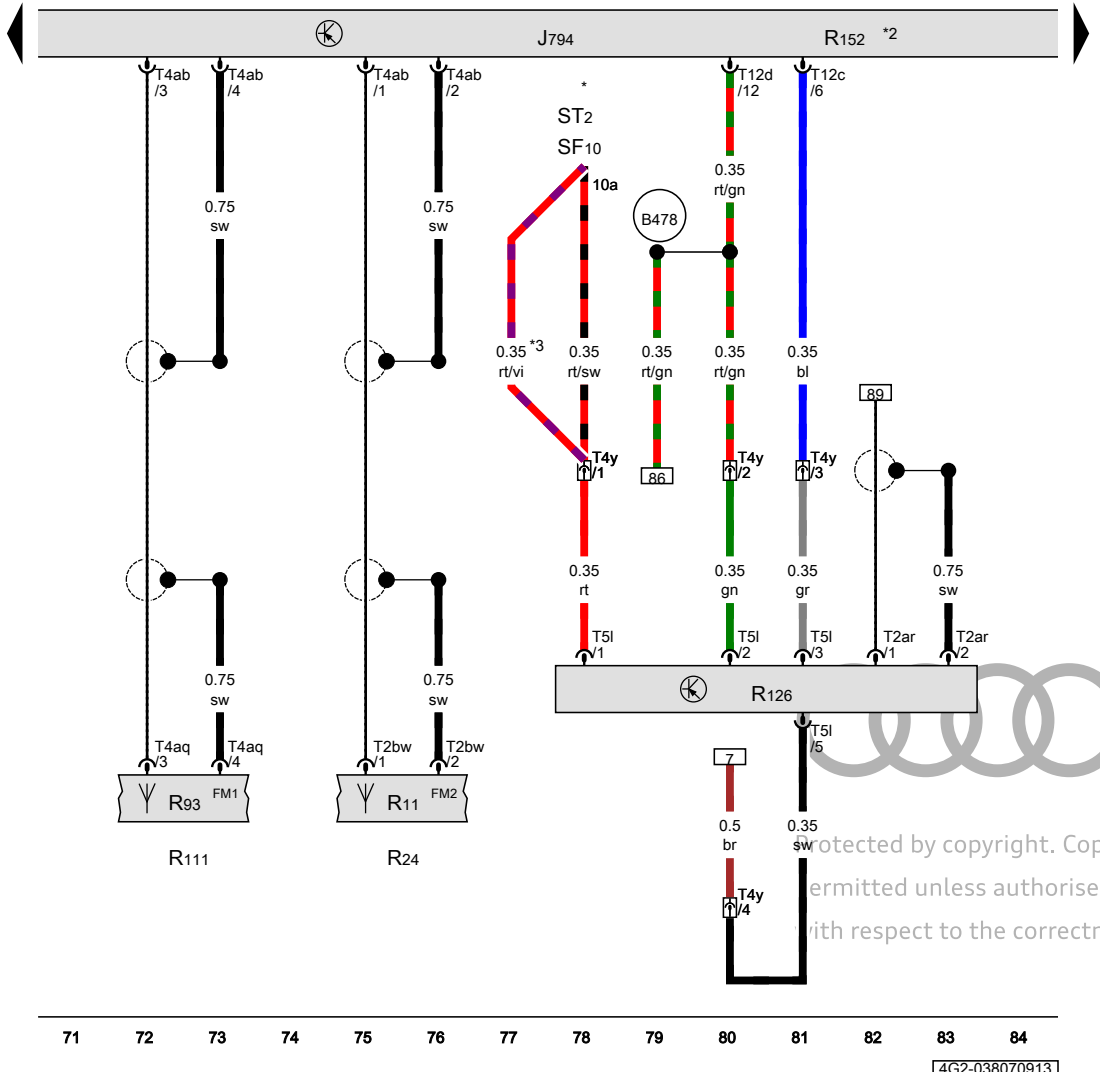
Control unit 1 for information electronics, Aerial amplifier 3

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R112	Aerial amplifier 3
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2au	2-pin connector
T2av	2-pin connector
T2ax	2-pin connector
T2bt	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ck	2-pin connector
*	Only models with preparation for mobile telephone
*2	Only for American markets



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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Telephone bracket

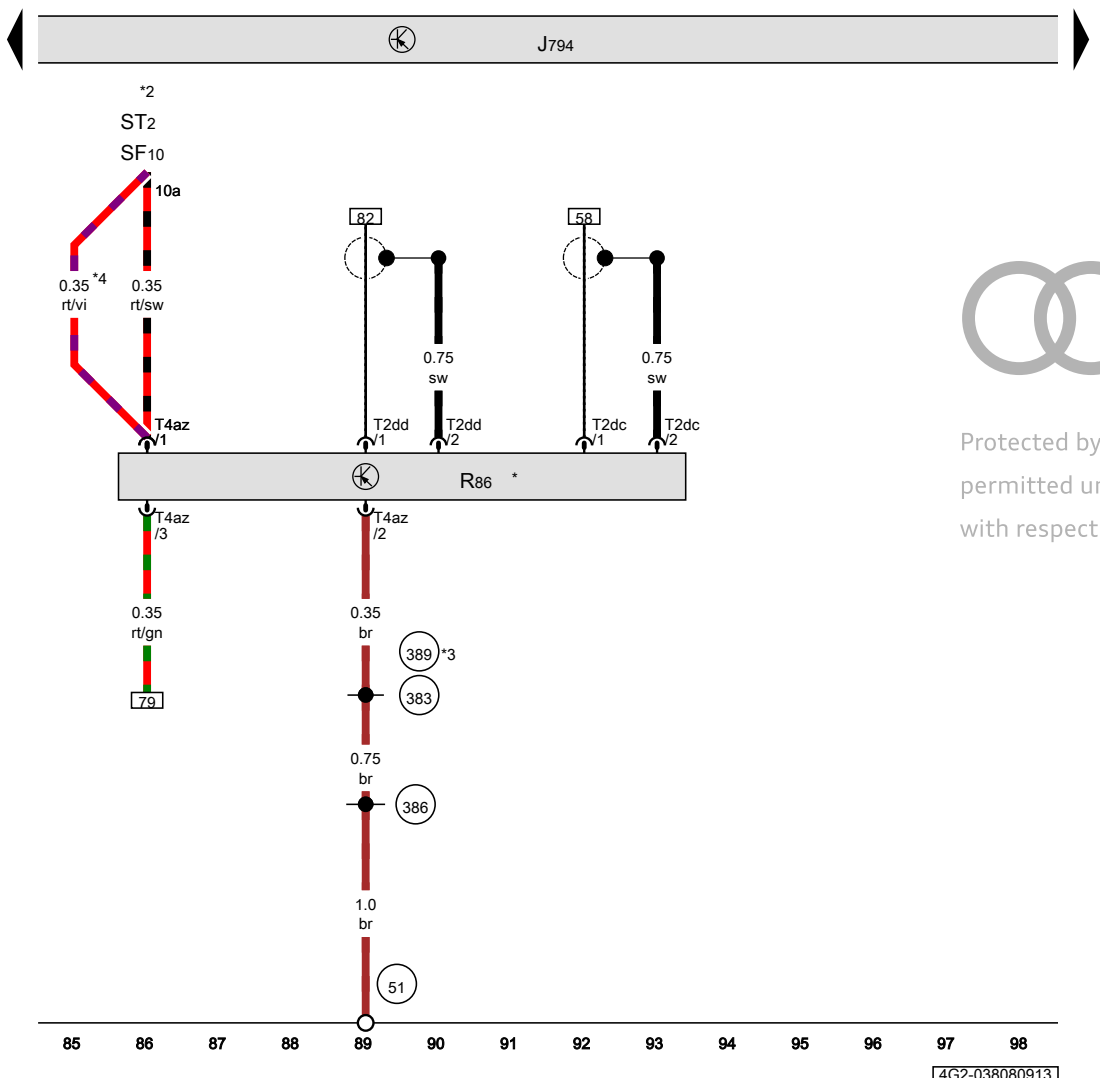
J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R93	Radio aerial 2
R111	Aerial amplifier 2
R126	Telephone bracket
R152	Aerial for Bluetooth
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2ar	2-pin connector
T2bw	2-pin connector
T4ab	4-pin connector
T4aq	4-pin connector
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T12c	12-pin connector
T12d	12-pin connector
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with aerial for Bluetooth
*3	From June 2011

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sw	=	black
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rt	=	red
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Control unit 1 for information electronics, Aerial amplifier for mobile telephone

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2dc	2-pin connector
T2dd	2-pin connector
T4az	4-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	Not for American markets
*2	see applicable current flow diagram for fuse assignment
*3	Avant
*4	From June 2011



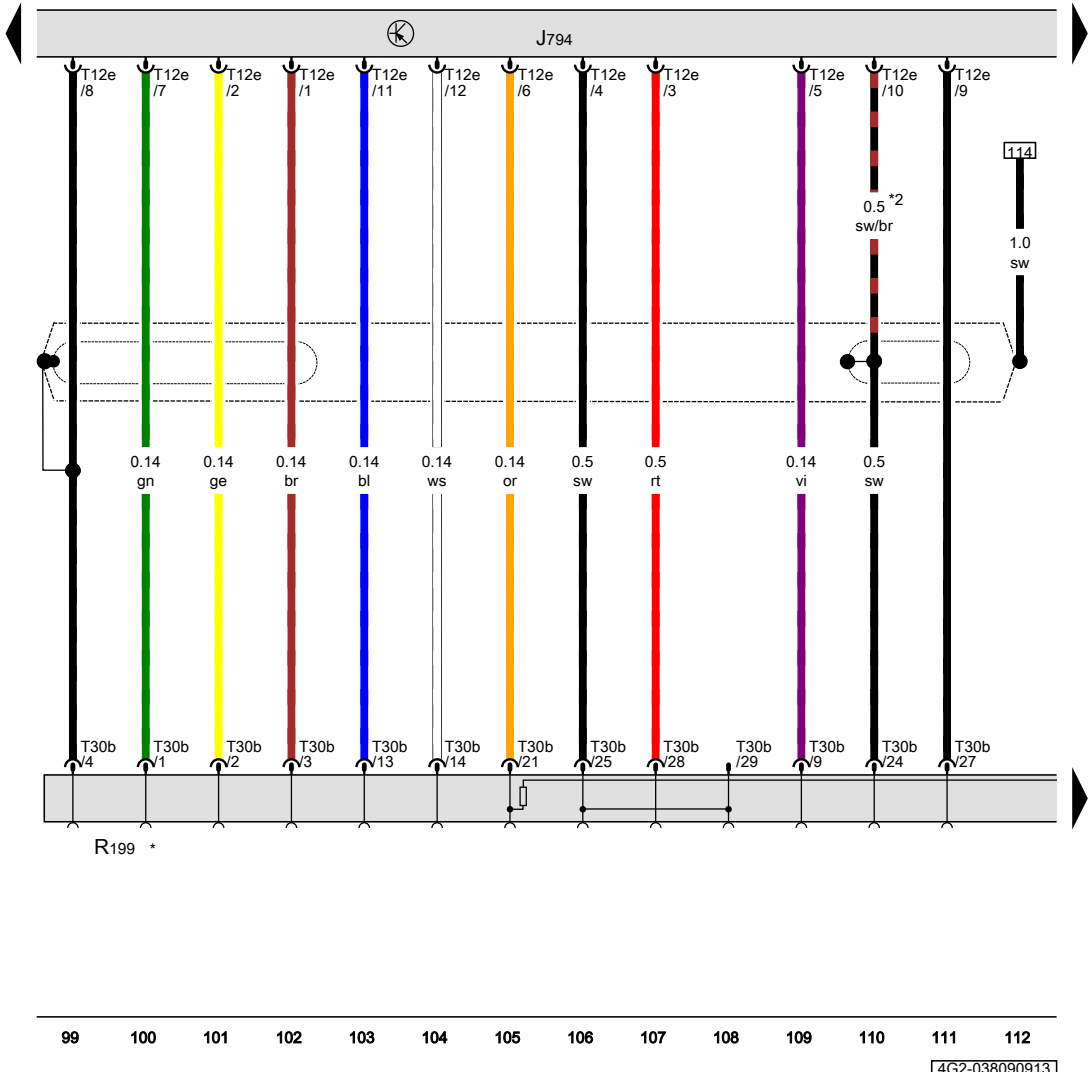
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Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface
*2	gradual introduction

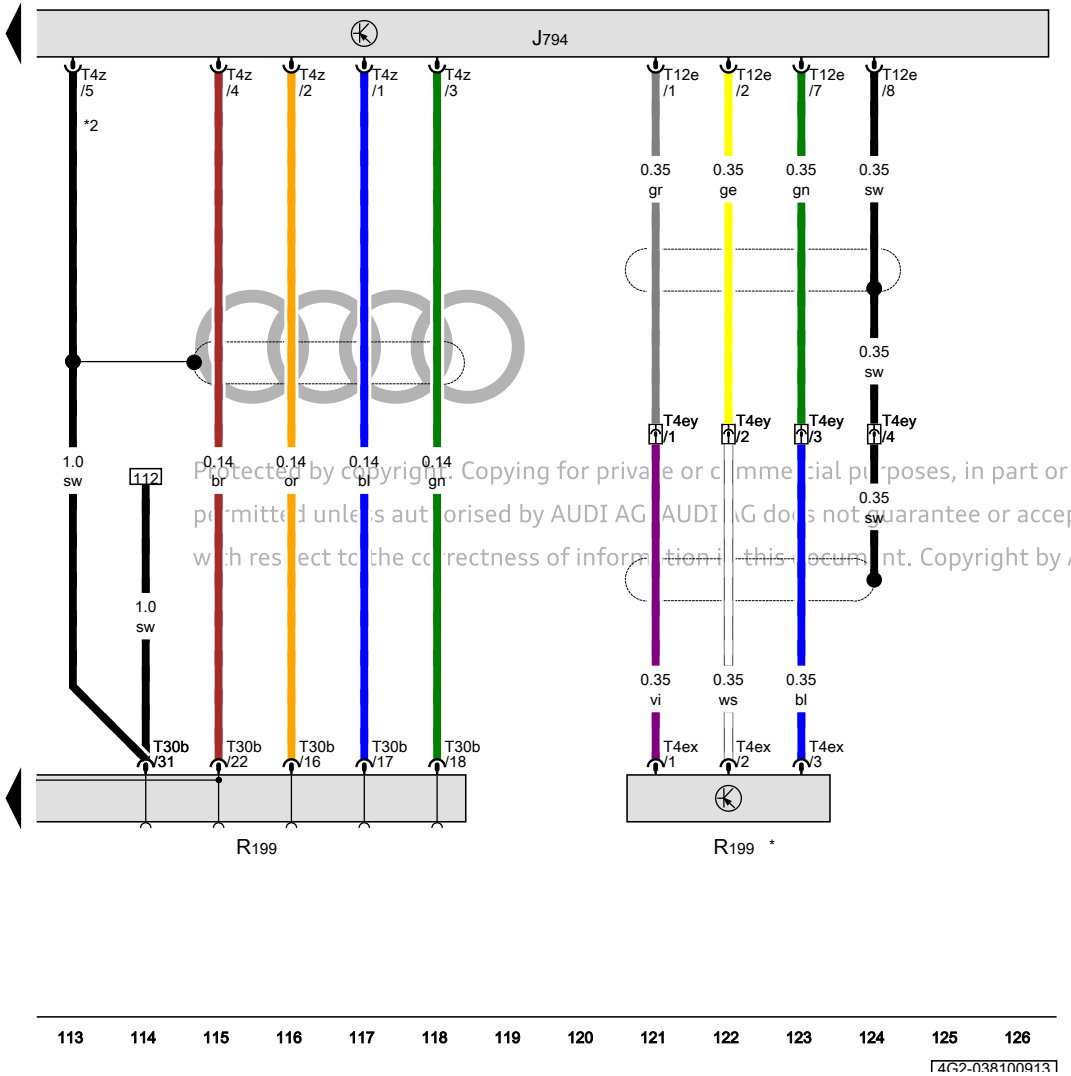
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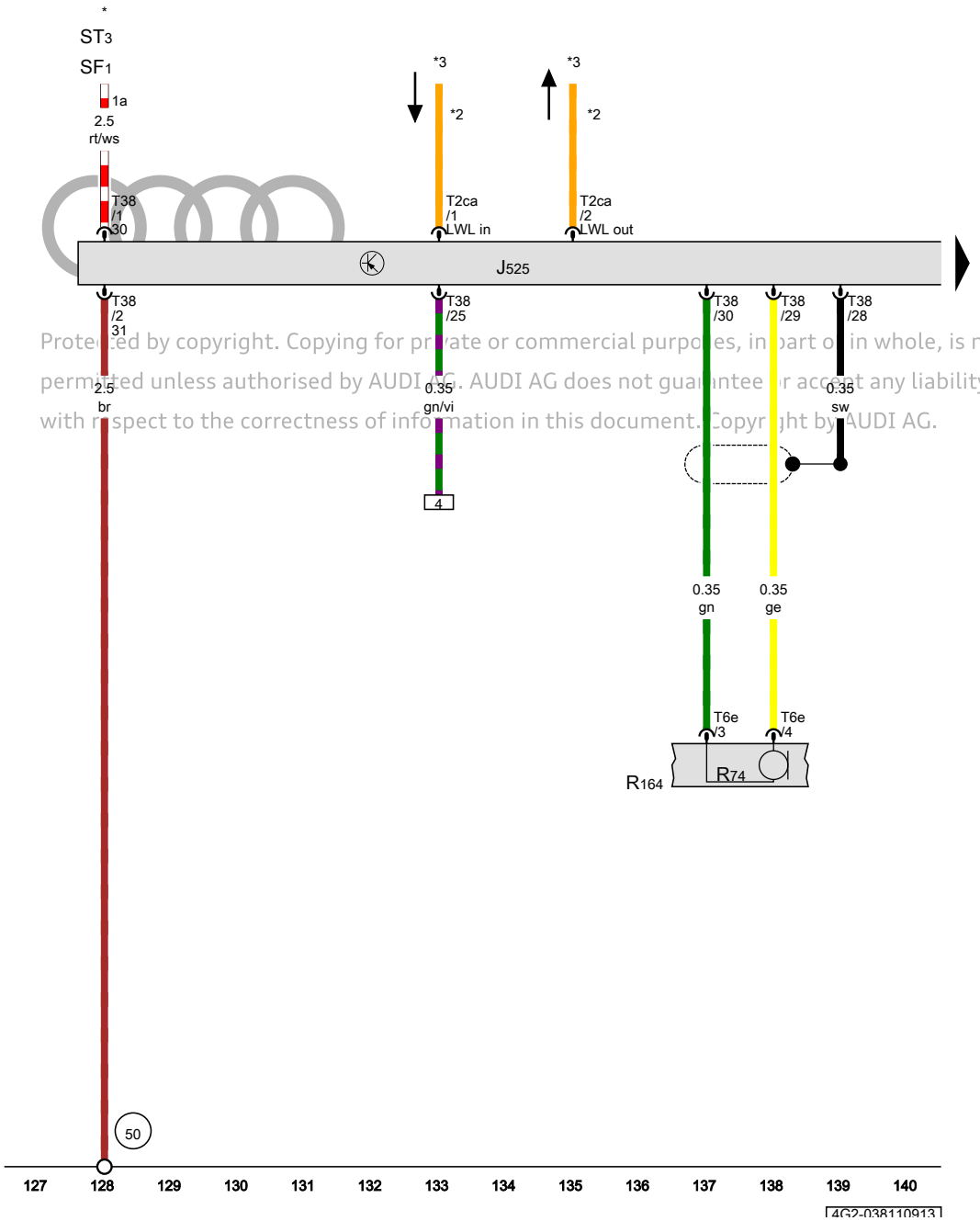
Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4ex	4-pin connector
T4ey	4-pin connector, in centre console
T4z	4-pin connector
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - AUX-IN socket
*2	Earthed via connector housing



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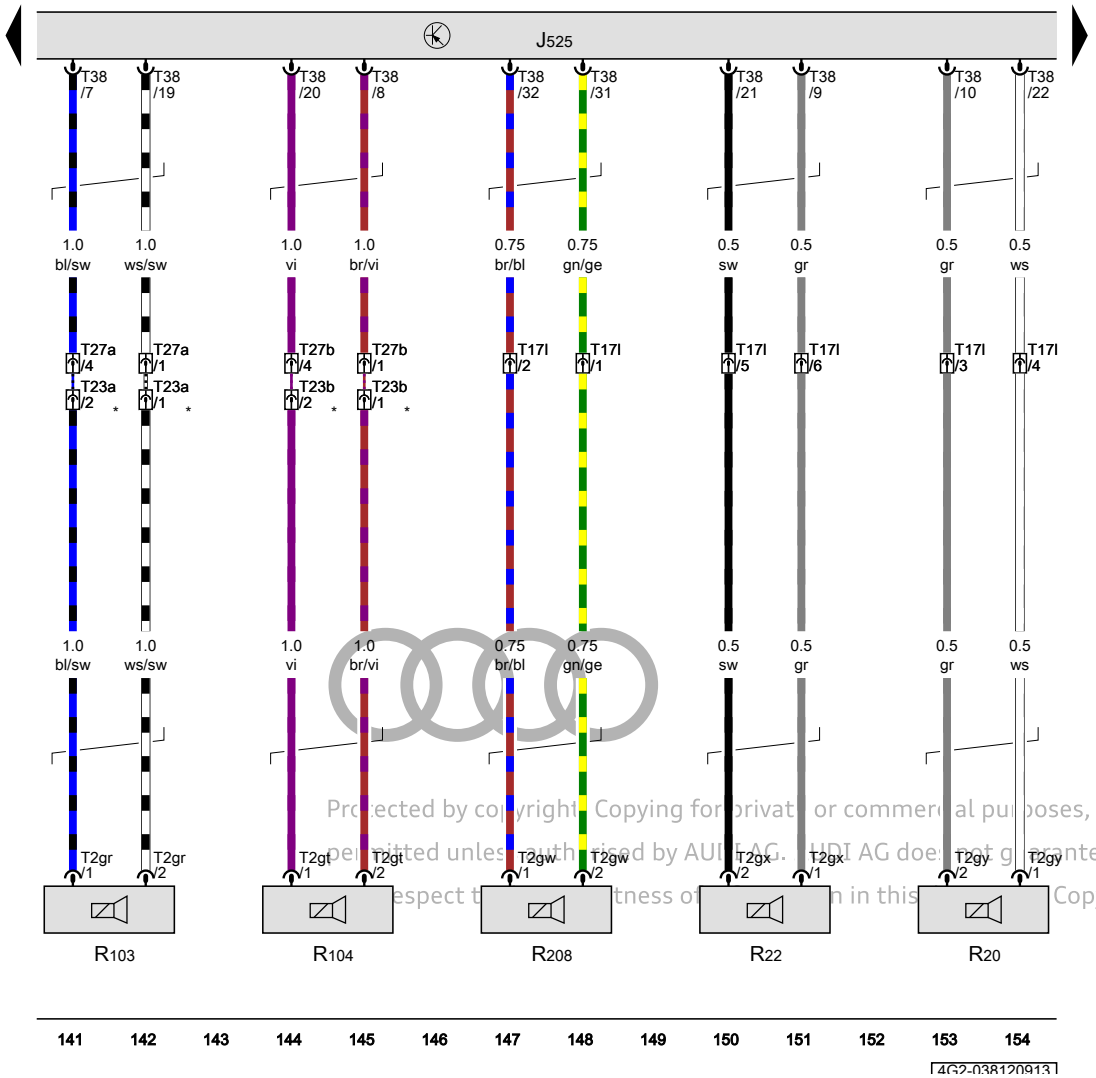
Digital sound package control unit, Microphone unit in front roof module

J525	Digital sound package control unit
R74	Internal microphone
R164	Microphone unit in front roof module
SF1	Fuse 1 in fuse holder F
ST3	Fuse carrier 3
T2ca	2-pin connector
T6e	6-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for data bus network

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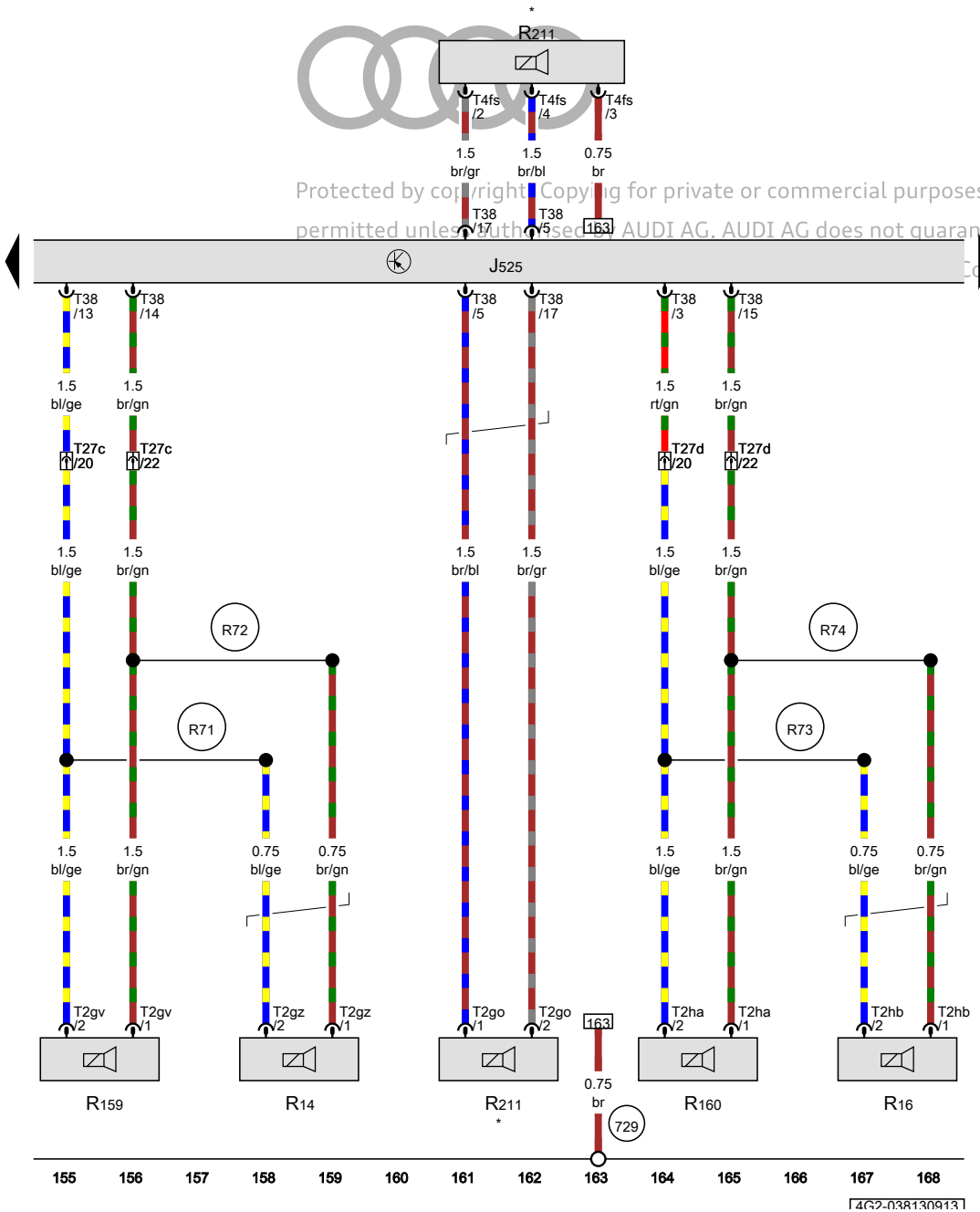
Digital sound package control unit, Front left treble loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T38	38-pin connector
*	From June 2011



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ro = red
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gn = green
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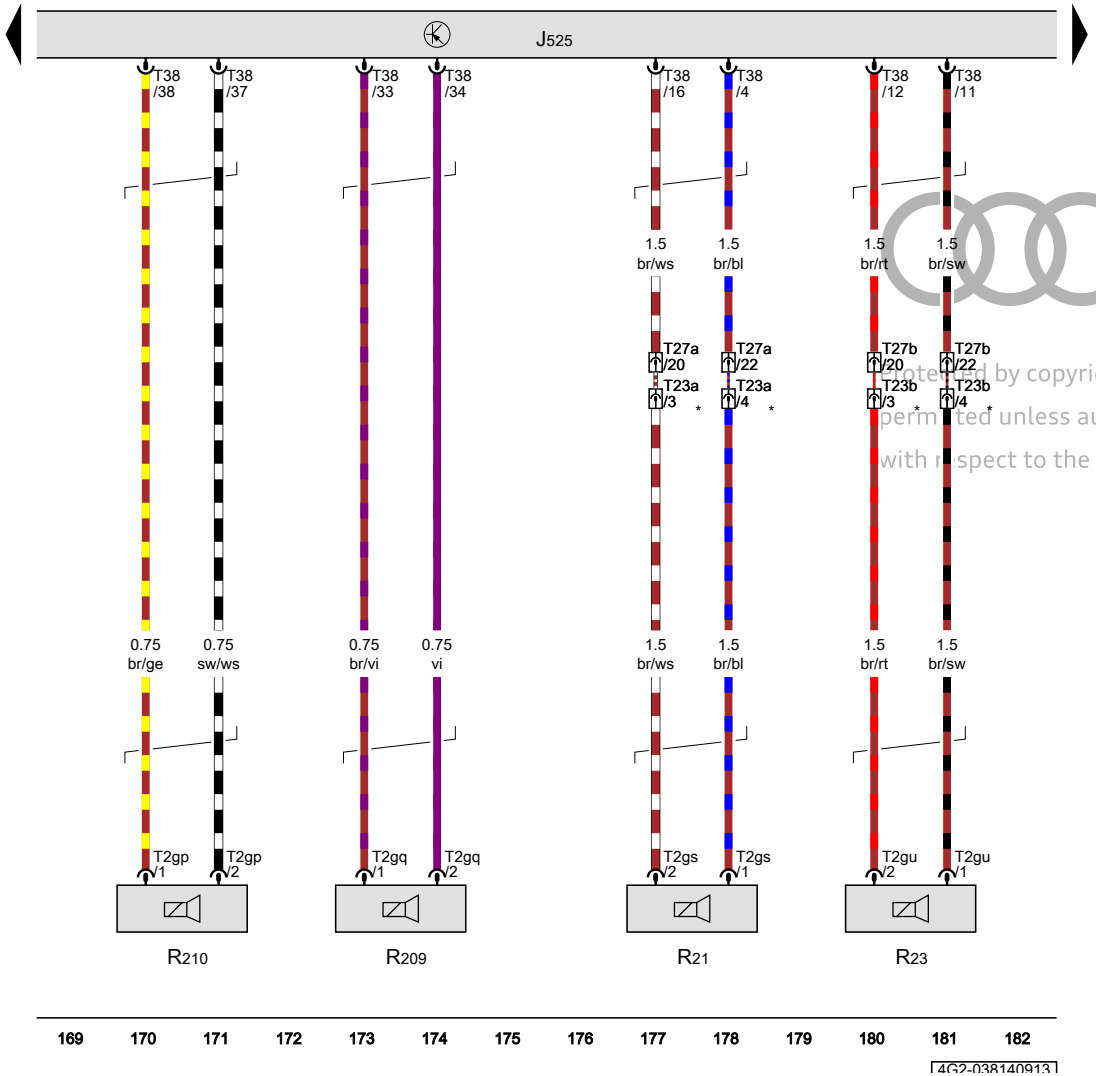
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Digital sound package control unit, Rear left treble loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T4fs	4-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T38	38-pin connector
729	Earth point, on left rear wheel housing
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	According to equipment

Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker

J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T38	38-pin connector
*	From June 2011

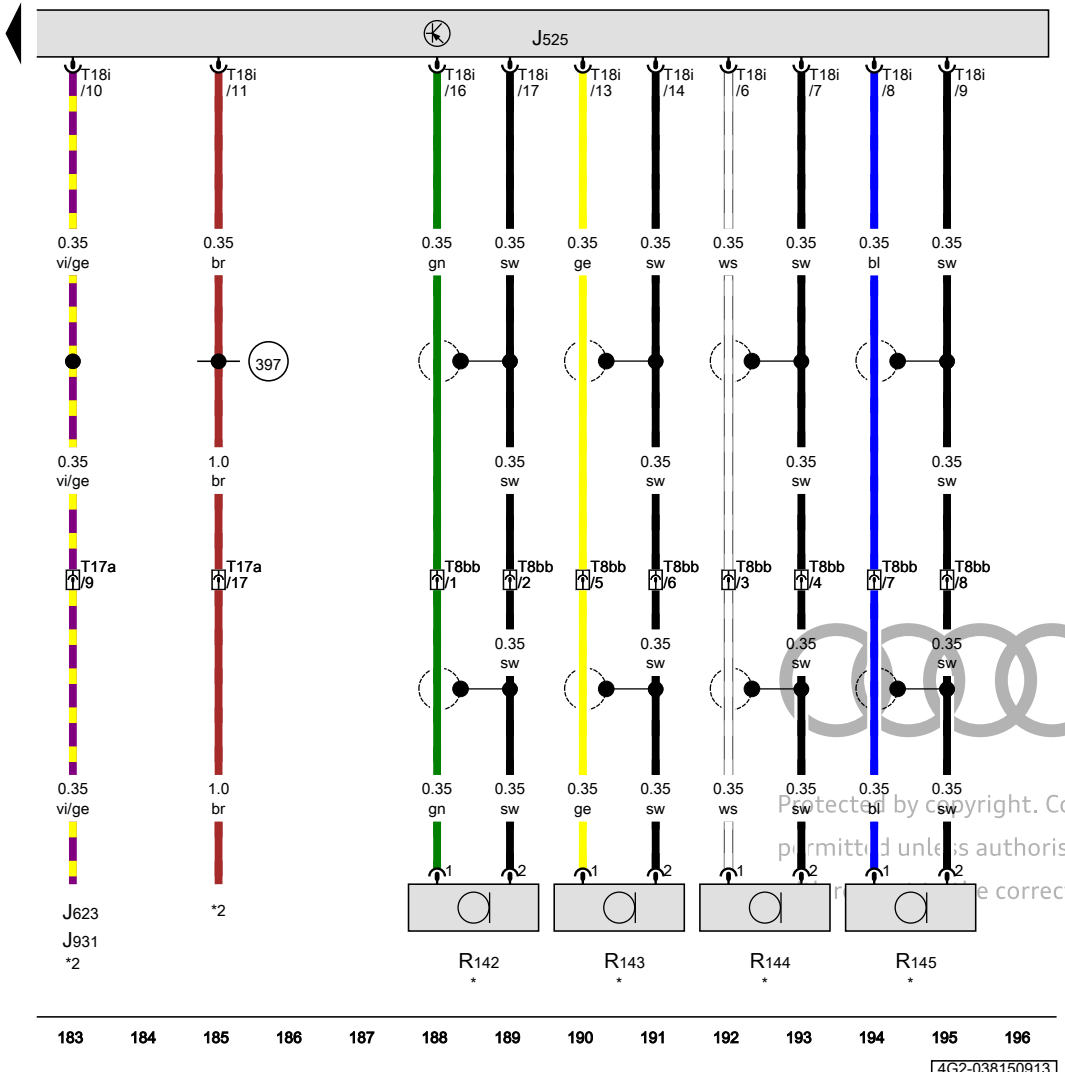


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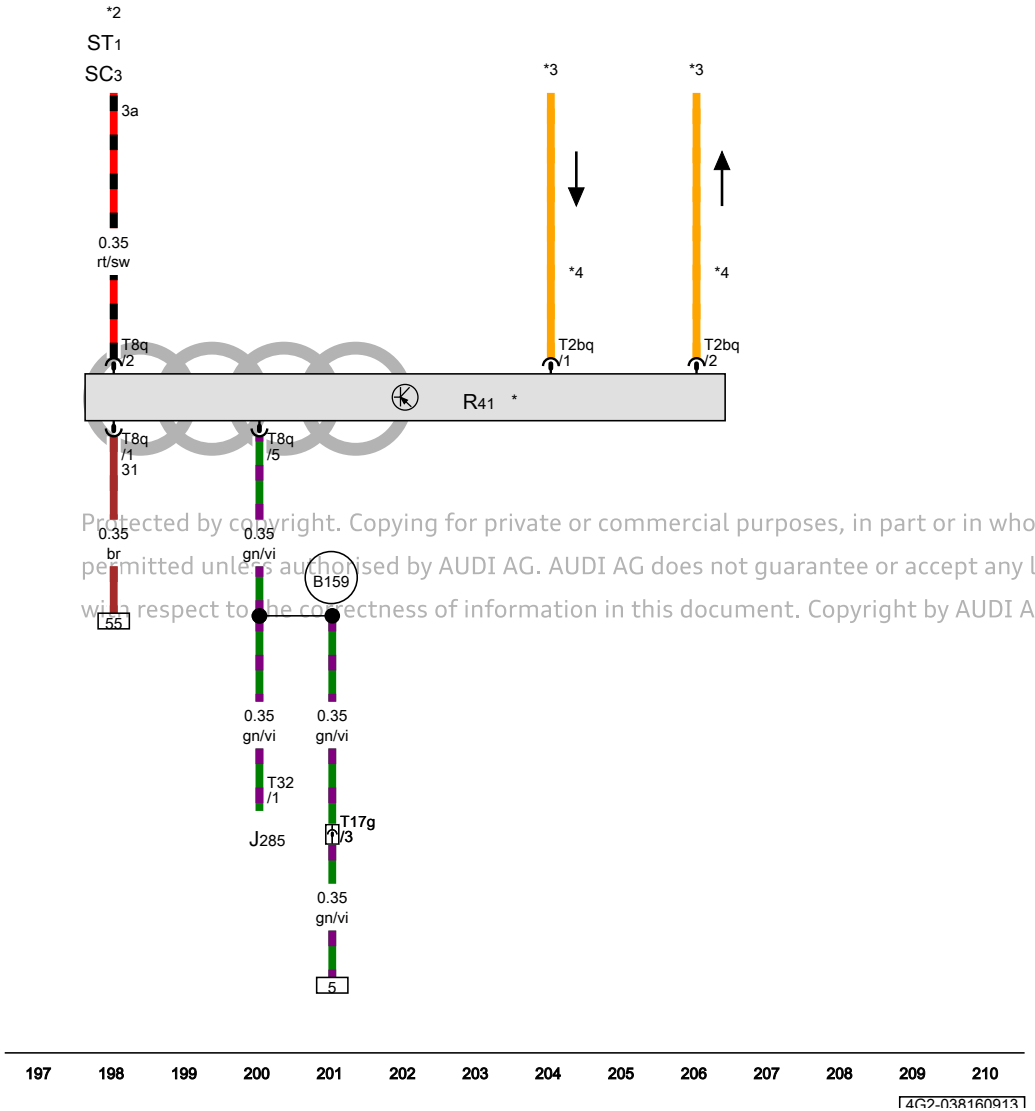
Digital sound package control unit, Centre left microphone, Rear left microphone

J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R142	Centre left microphone
R143	Centre right microphone
R144	Rear left microphone
R145	Rear right microphone
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T18i	18-pin connector
397	Earth connection 32, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine



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rt	=	red
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CD changer

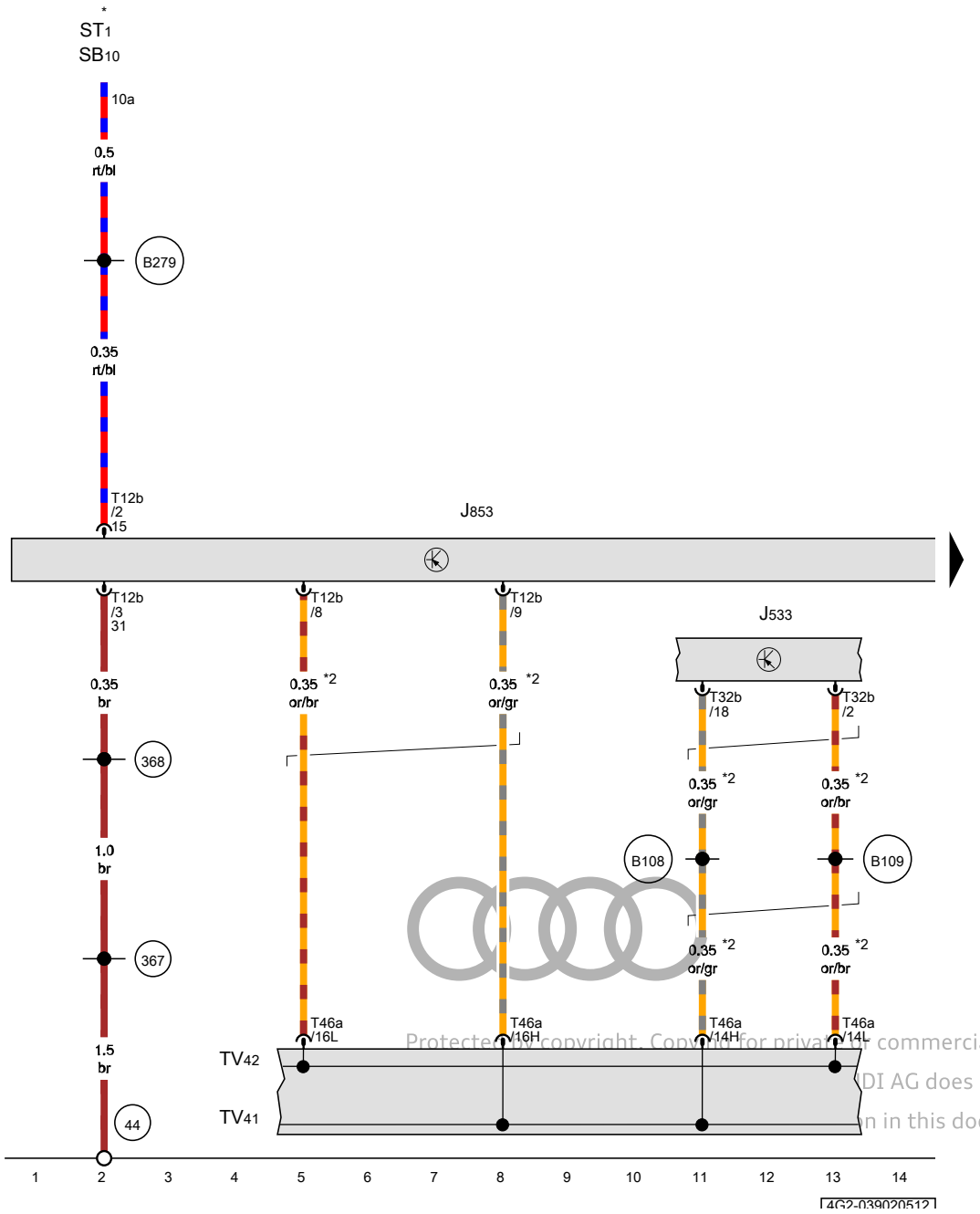
J285	Control unit in dash panel insert
R41	CD changer
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T2bq	2-pin connector
T8q	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
*	Only models with CD changer
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for data bus network
*4	Fibre optic cable (FOC)

ws	=	white
sw	=	black
ro	=	red
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Night vision system

From January 2011

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Control unit for night vision system

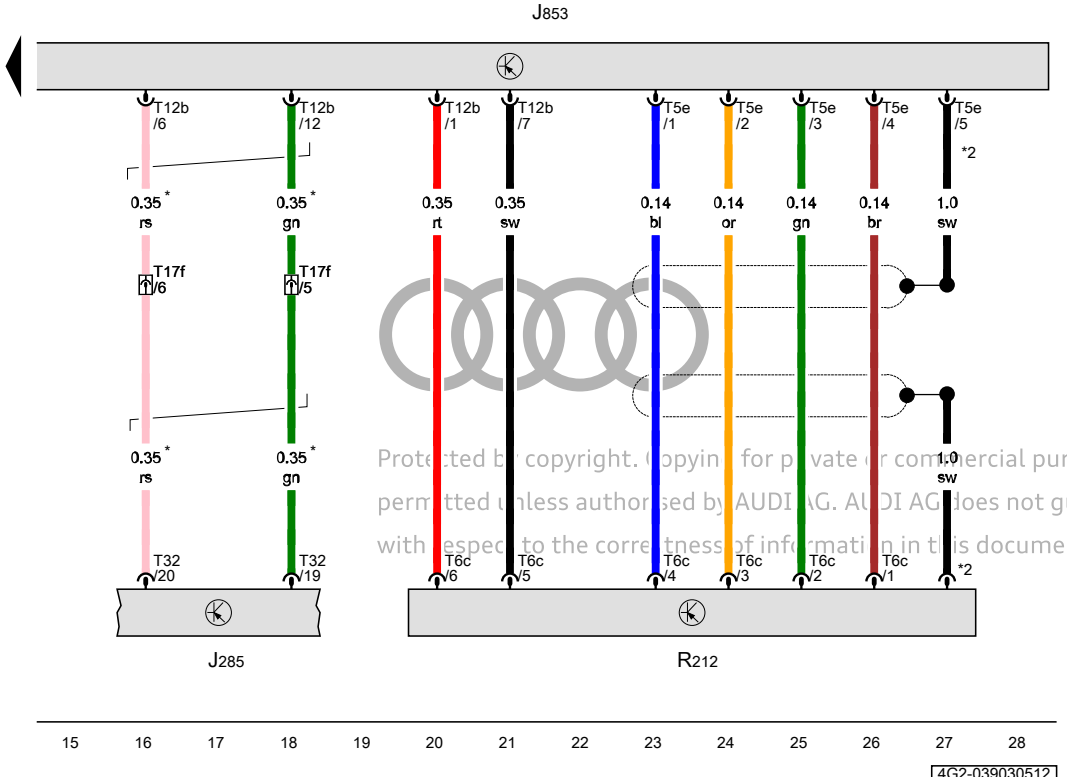
J533	Data bus diagnostic interface
J853	Control unit for night vision system
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T12b	12-pin connector
T32b	32-pin connector
T46a	46-pin connector
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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Control unit for night vision system, Camera for night vision system

J285	Control unit in dash panel insert
J853	Control unit for night vision system
R212	Camera for night vision system
T5e	5-pin connector
T6c	6-pin connector
T12b	12-pin connector
T17f	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
*	Data wire
*2	Screening on connector housing



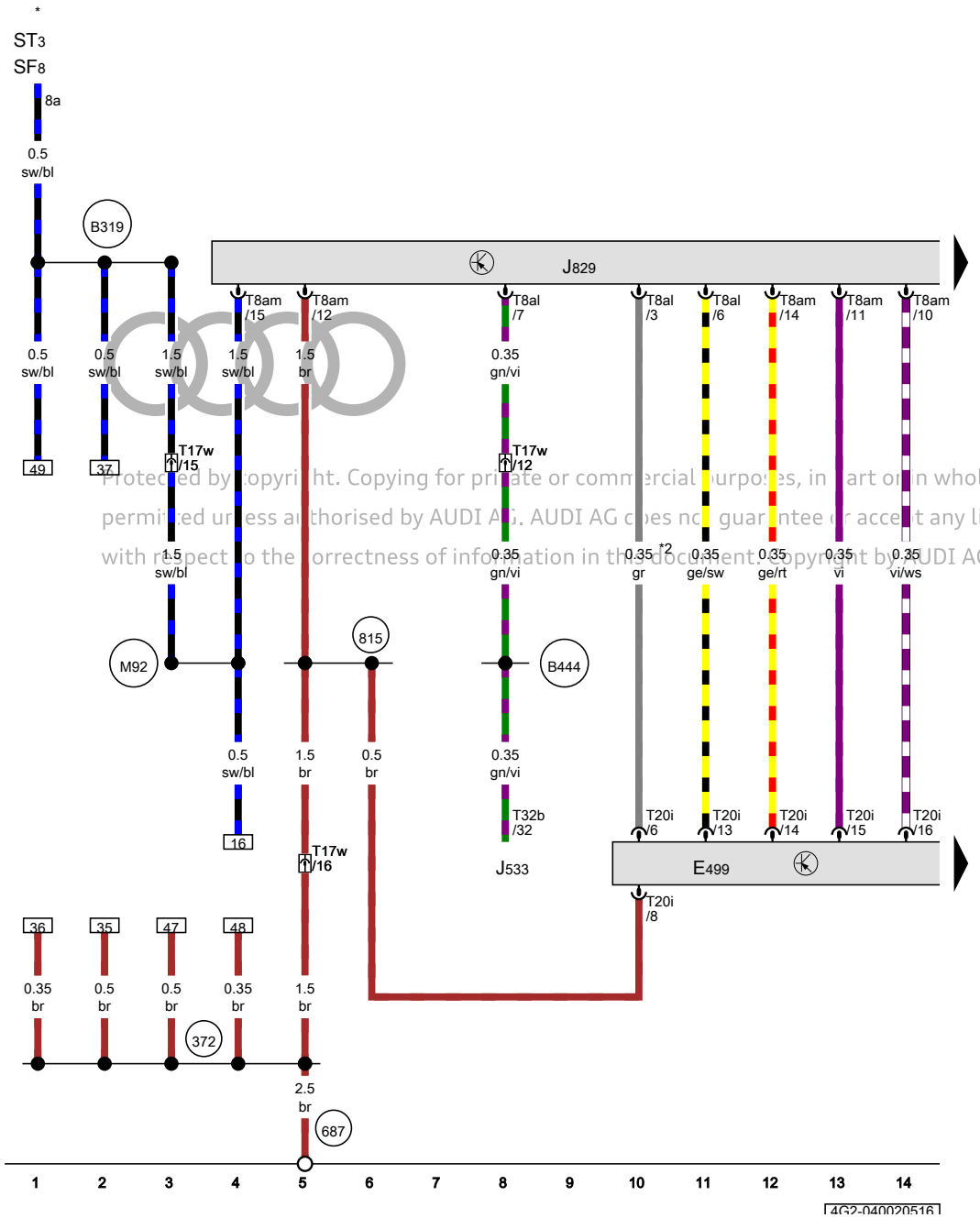
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Rear Seat Entertainment (RSE) , (9WP)

From January 2011

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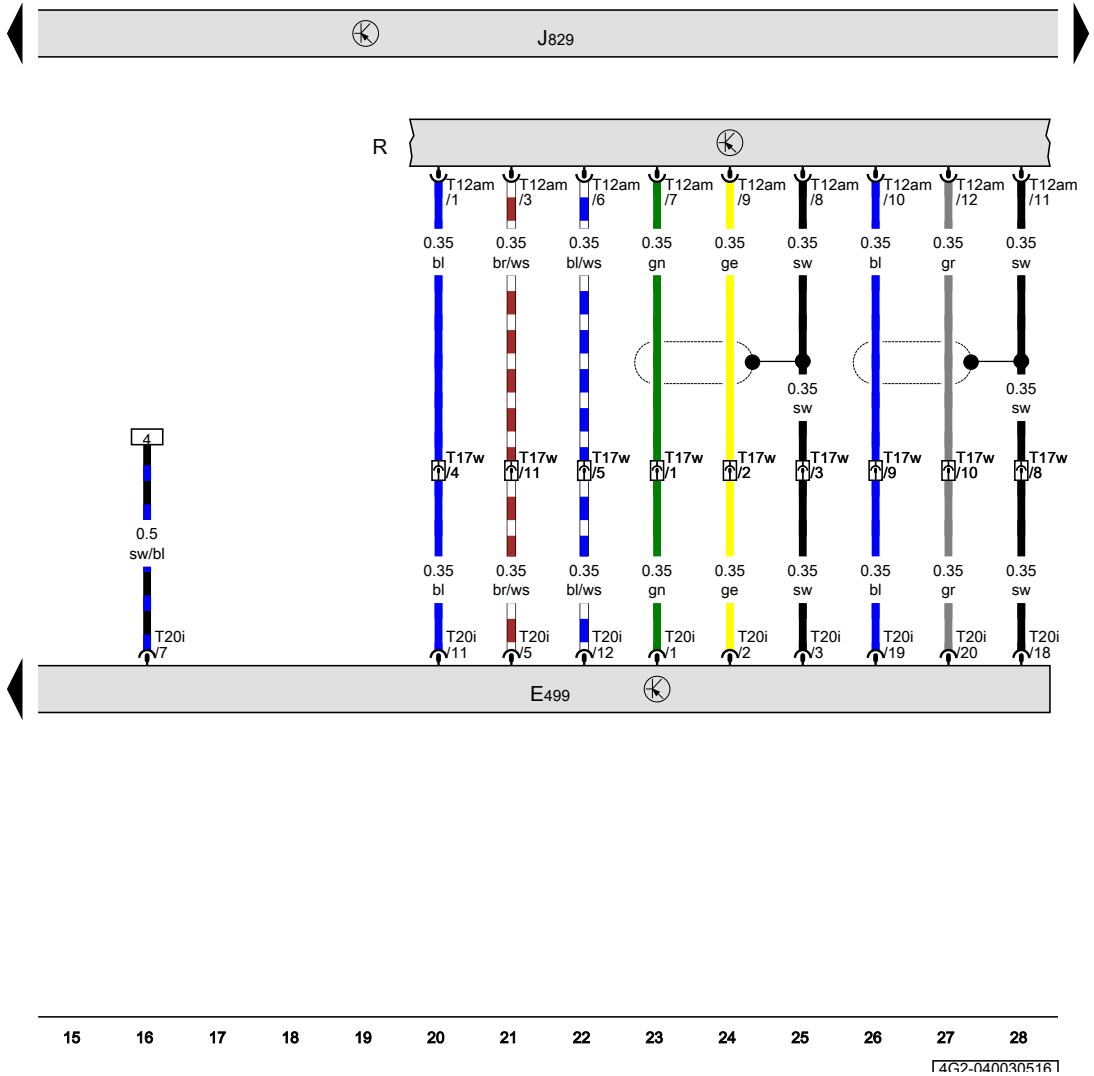
Multimedia system operating unit 2, Control unit 2 for information electronics

E499	Multimedia system operating unit 2
J533	Data bus diagnostic interface
J829	Control unit 2 for information electronics
ST3	Fuse carrier 3
SF8	Fuse 8 in fuse holder F
T8al	8-pin connector
T8am	8-pin connector
T17w	17-pin connector, in coupling point for rear centre armrest
T20i	20-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
815	Earth connection 2, in rear armrest wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
M92	Connection 1, in rear armrest wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

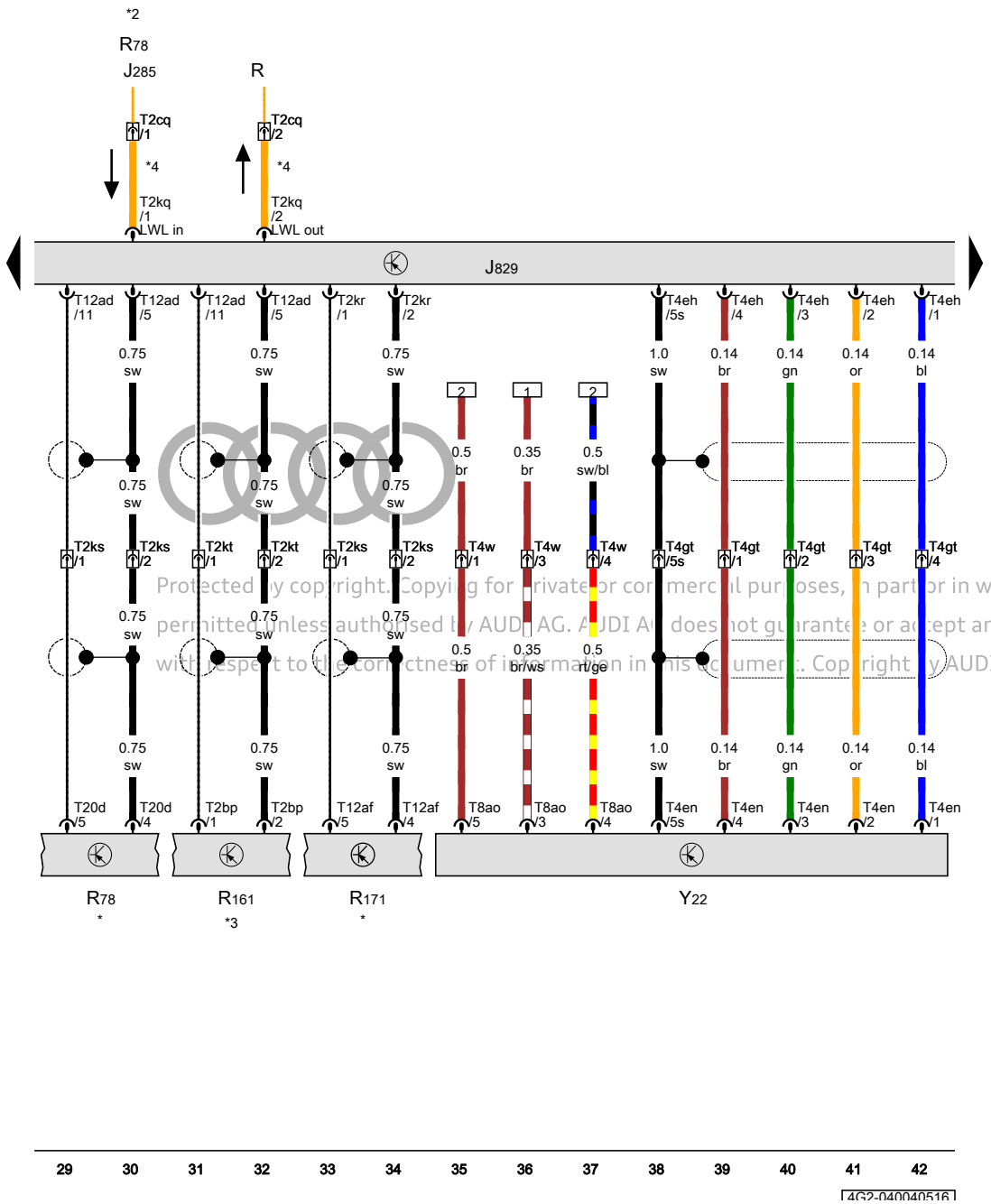
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Multimedia system operating unit 2, Control unit 2 for information electronics

E499	Multimedia system operating unit 2
J829	Control unit 2 for information electronics
R	Radio
T12am	12-pin connector
T17w	17-pin connector, in coupling point for rear centre armrest
T20i	20-pin connector



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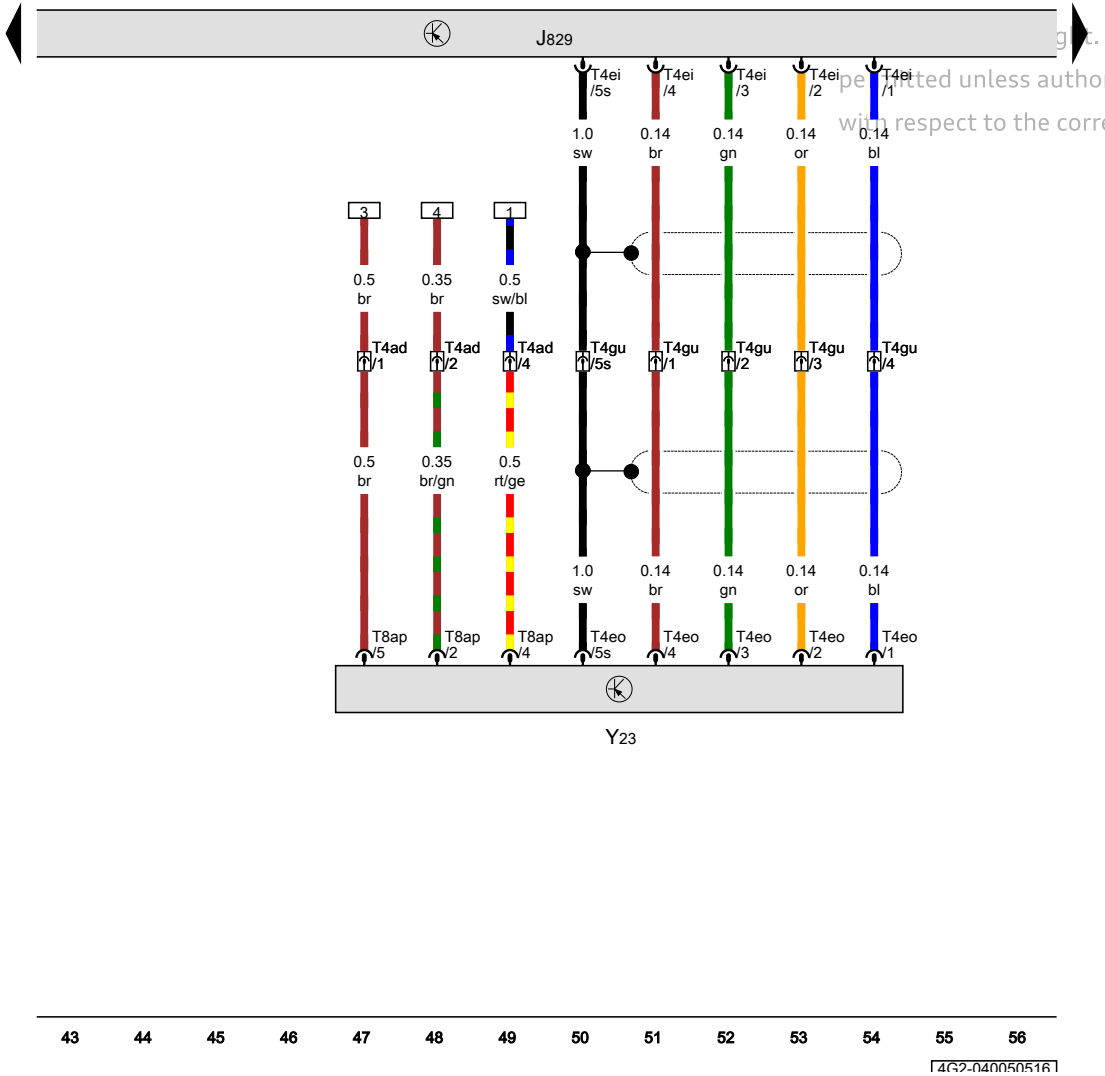
Control unit 2 for information electronics

J285	Control unit in dash panel insert
J829	Control unit 2 for information electronics
R	Radio
R78	TV tuner
R161	DVD changer
R171	Digital TV tuner
T2bp	2-pin connector
T2cq	2-pin connector, in coupling point for rear centre armrest
T2kq	2-pin connector
T2kr	2-pin connector
T2ks	2-pin connector, in coupling point for rear centre armrest
T2kt	2-pin connector, in coupling point for rear centre armrest
T4eh	4-pin connector
T4en	4-pin connector
T4gt	4-pin connector, in coupling point for rear centre armrest
T4w	4-pin connector, in coupling point for front seat, left
T8ao	8-pin connector
T12ad	12-pin connector
T12af	12-pin connector
T20d	20-pin connector
Y22	Multimedia system display unit 1
*	According to equipment
*2	see applicable current flow diagram for data bus network
*3	Only models with DVD player
*4	Fibre optic cable (FOC)

Control unit 2 for information electronics

J829	Control unit 2 for information electronics
T4ad	4-pin connector, in coupling point for front seat, right
T4ei	4-pin connector
T4eo	4-pin connector
T4gu	4-pin connector, in coupling point for rear centre armrest
T8ap	8-pin connector
Y23	Multimedia system display unit 2

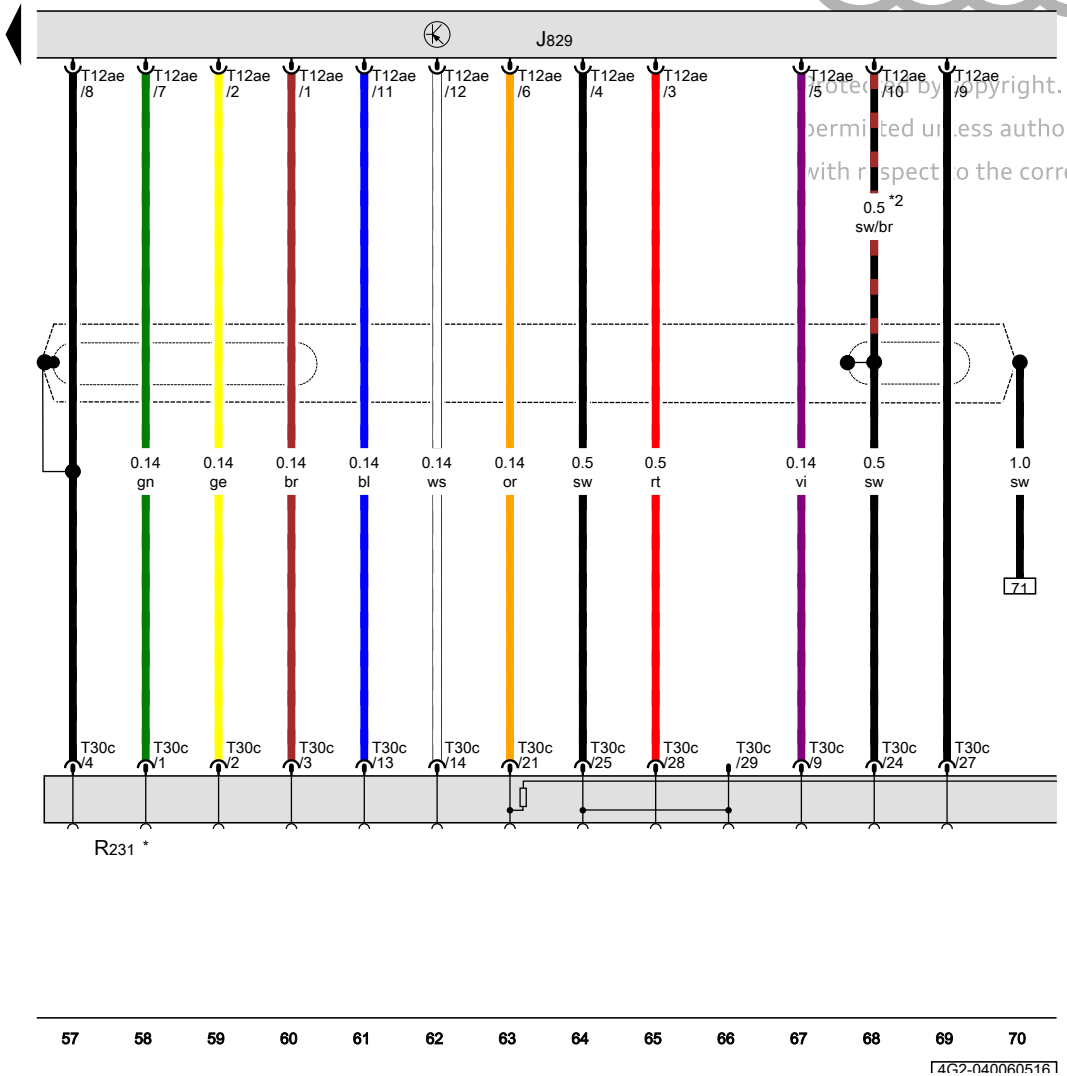
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Control unit 2 for information electronics, Connection 2 for external audio sources

J829	Control unit 2 for information electronics
R231	Connection 2 for external audio sources
T12ae	12-pin connector
T30c	30-pin connector
*	Only models with connection for external audio sources - Audi music interface
*2	gradual introduction

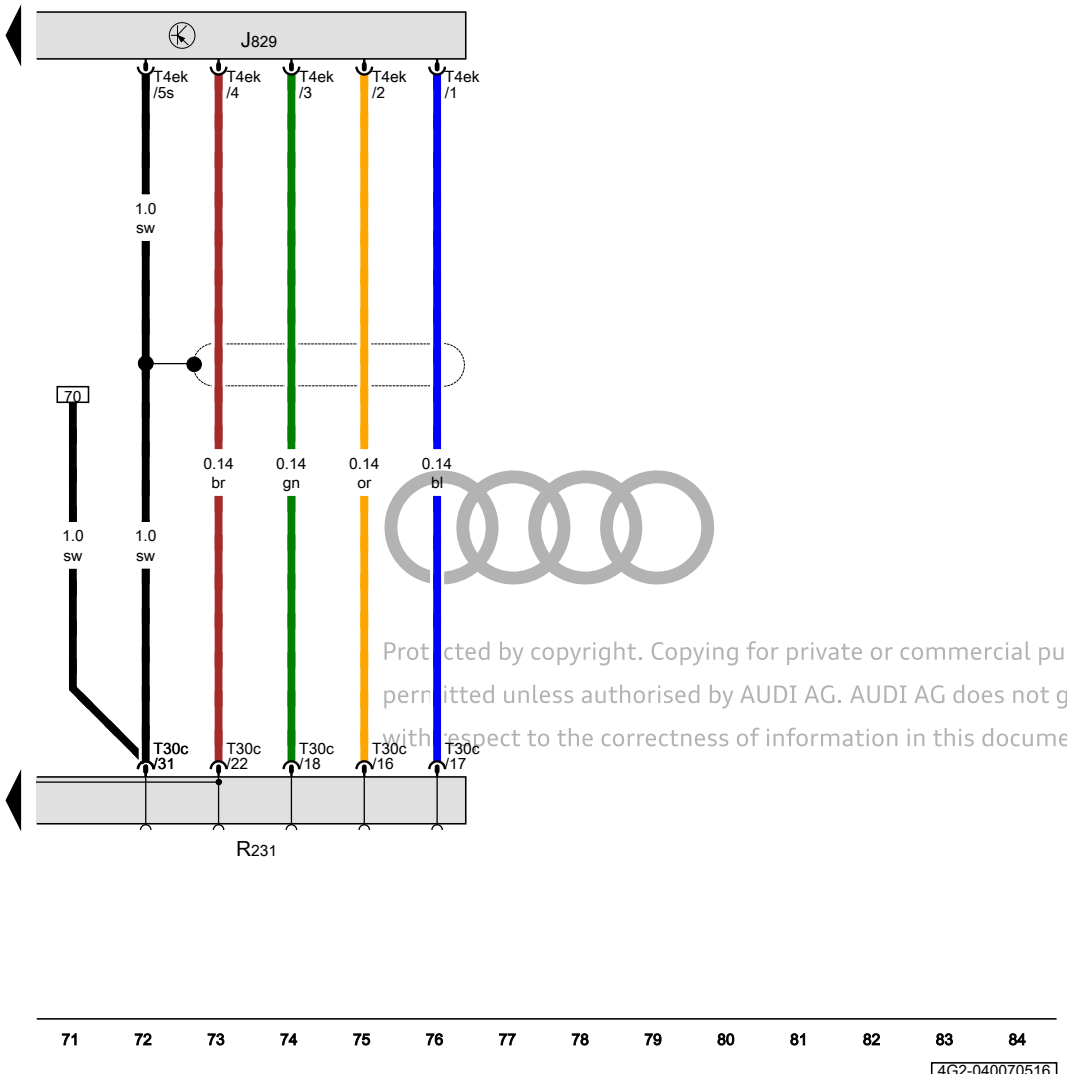


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Control unit 2 for information electronics, Connection 2 for external audio sources

J829	Control unit 2 for information electronics
R231	Connection 2 for external audio sources
T4ek	4-pin connector
T30c	30-pin connector



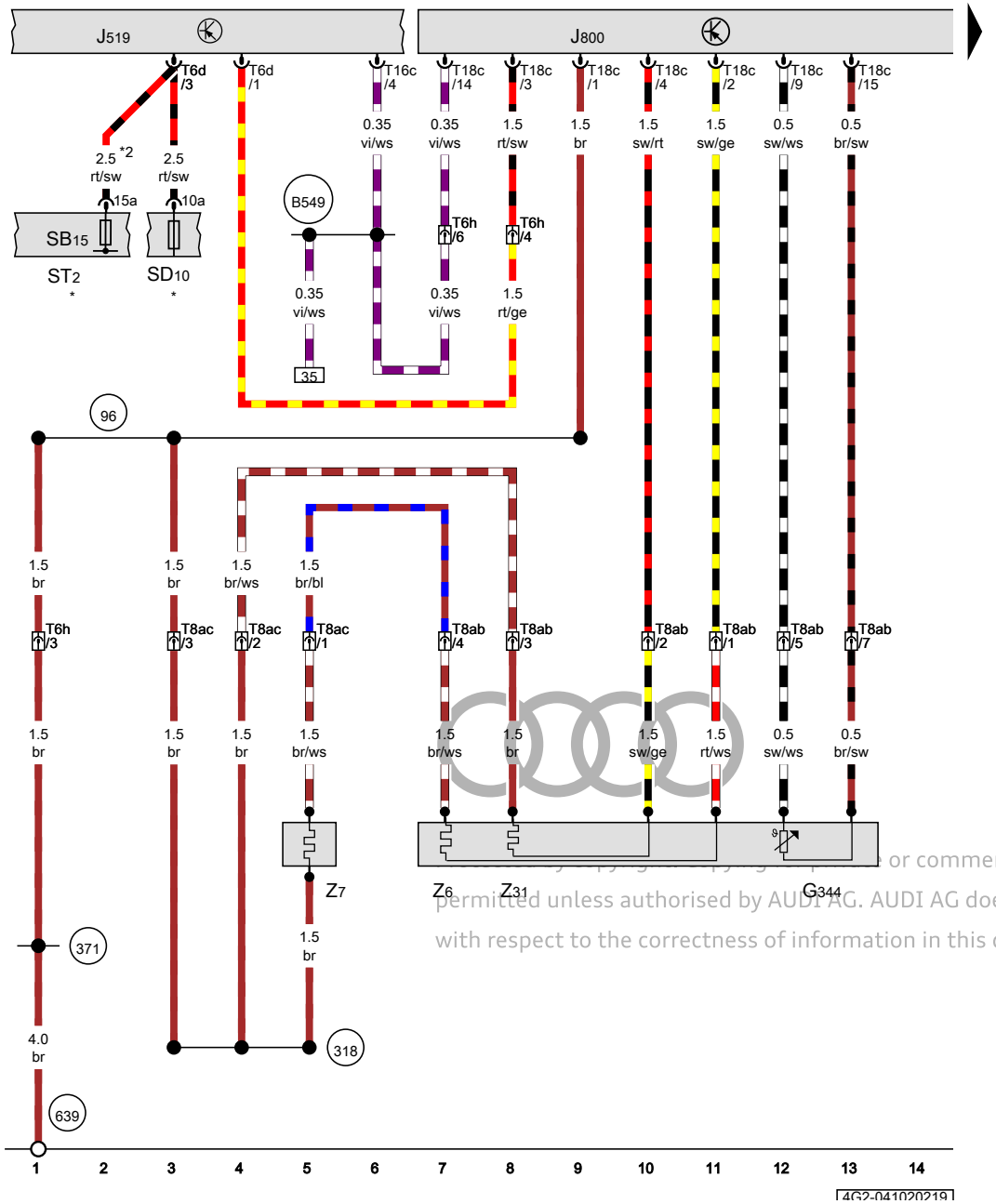
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Ventilated seat with heated seat , (Q1A),(4D3)

From January 2011

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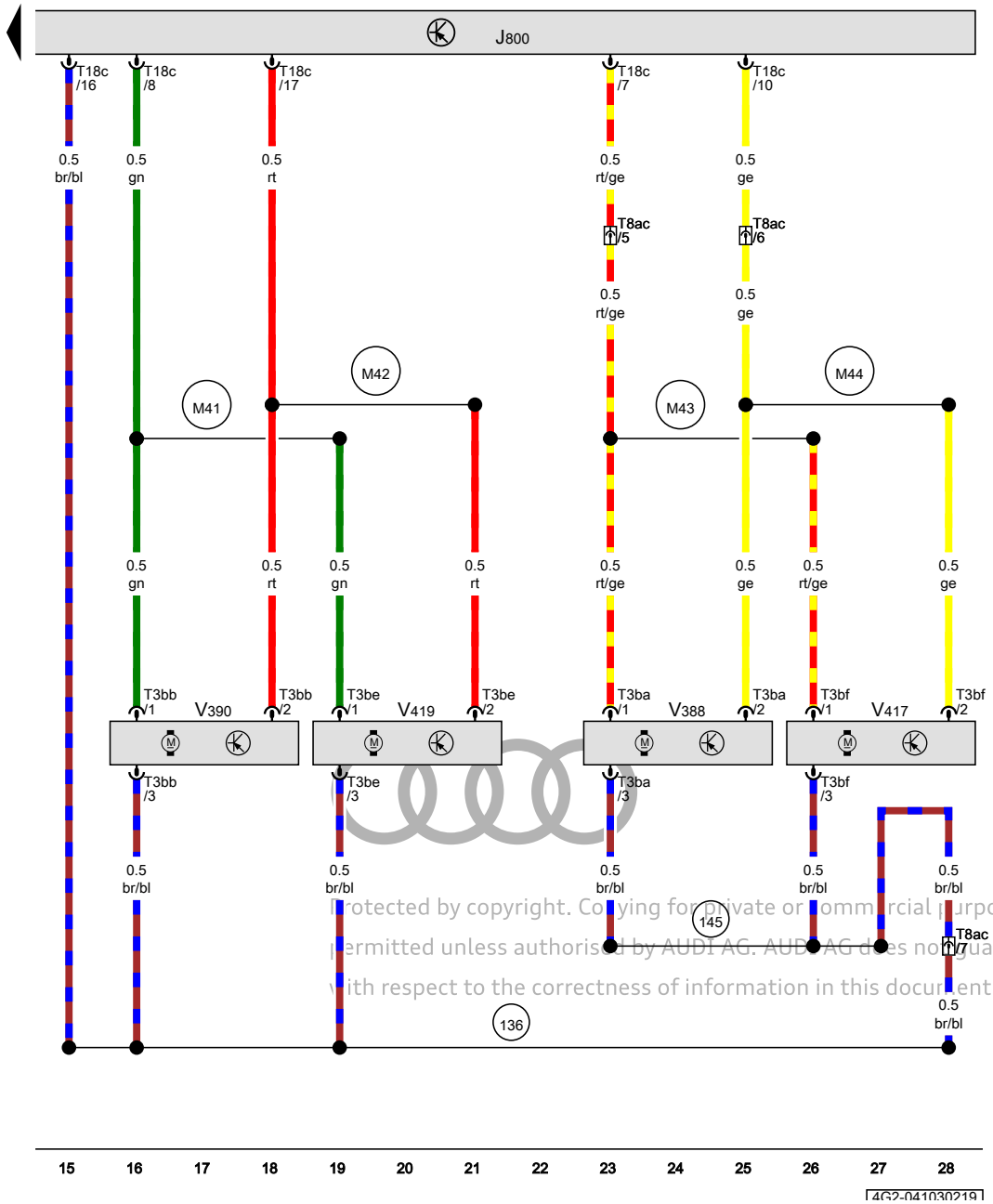


Front left seat temperature sender, Control unit for front left seat ventilation, Heated backrest for driver seat

G344	Front left seat temperature sender
J519	Onboard supply control unit
J800	Control unit for front left seat ventilation
ST2	Fuse carrier 2
SD10	Fuse 10 on fuse holder D
SB15	Fuse 15 on fuse holder B
T6d	6-pin connector
T6h	6-pin connector, in coupling point for front seat, left
T8ab	8-pin connector, in driver seat, brown
T8ac	8-pin connector, in driver seat, black
T16c	16-pin connector
T18c	18-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z31	Driver seat cushion lateral support heater
96	Earth connection 1, in seat heating wiring harness
318	Earth connection 4, in seat heating wiring harness
371	Earth connection 6, in main wiring harness
639	Earth point, left A-pillar
B549	Connection 2 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

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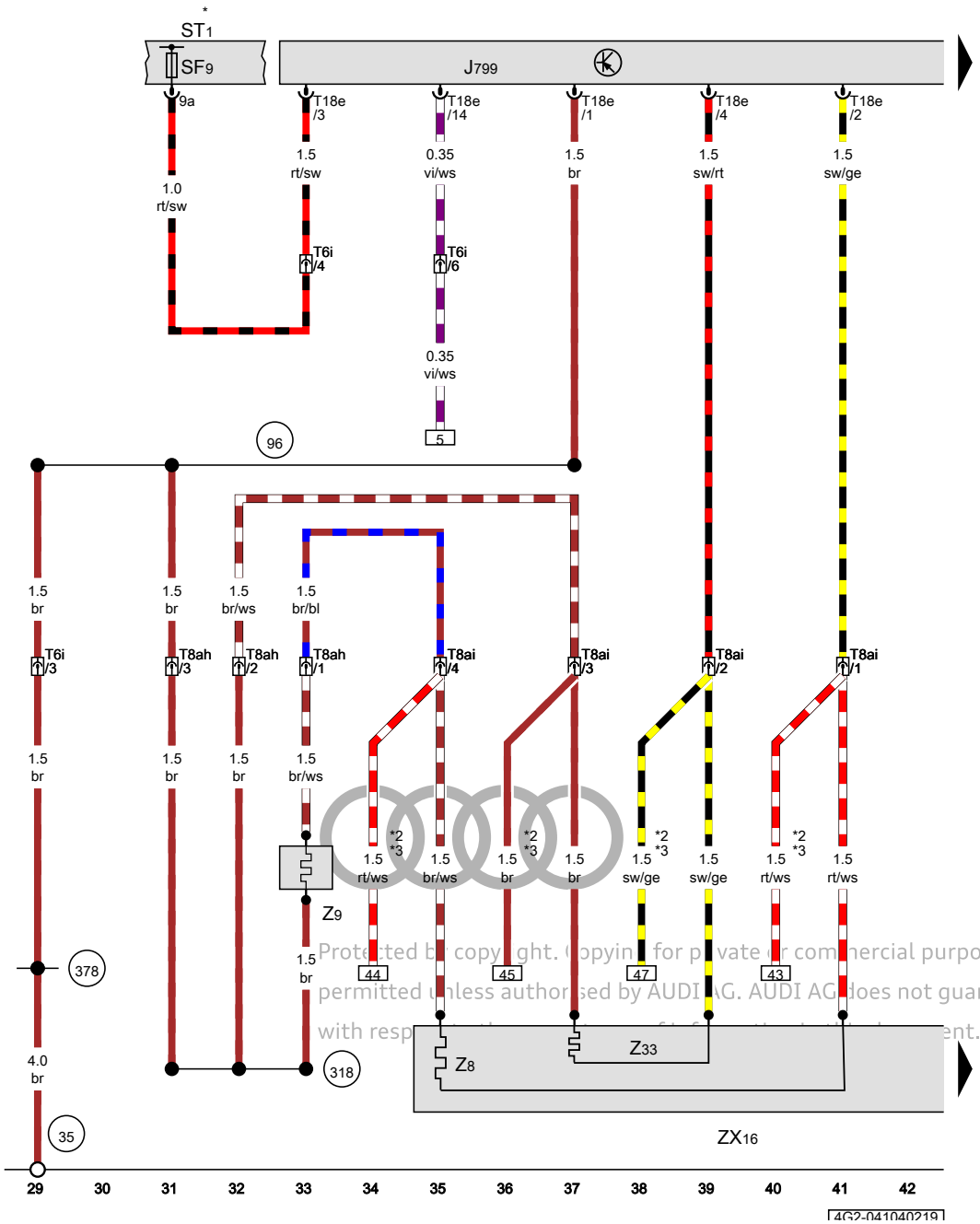


Control unit for front left seat ventilation, Driver seat backrest fan, Driver seat cushion fan

J800	Control unit for front left seat ventilation
T3ba	3-pin connector
T3bb	3-pin connector
T3be	3-pin connector
T3bf	3-pin connector
T8ac	8-pin connector, in driver seat, black
T18c	18-pin connector
V388	Driver seat backrest fan
V390	Driver seat cushion fan
V417	Driver seat backrest fan 2
V419	Driver seat cushion fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M41	Connection 1, in driver seat wiring harness
M42	Connection 2, in driver seat wiring harness
M43	Connection 3, in driver seat wiring harness
M44	Connection 4, in driver seat wiring harness

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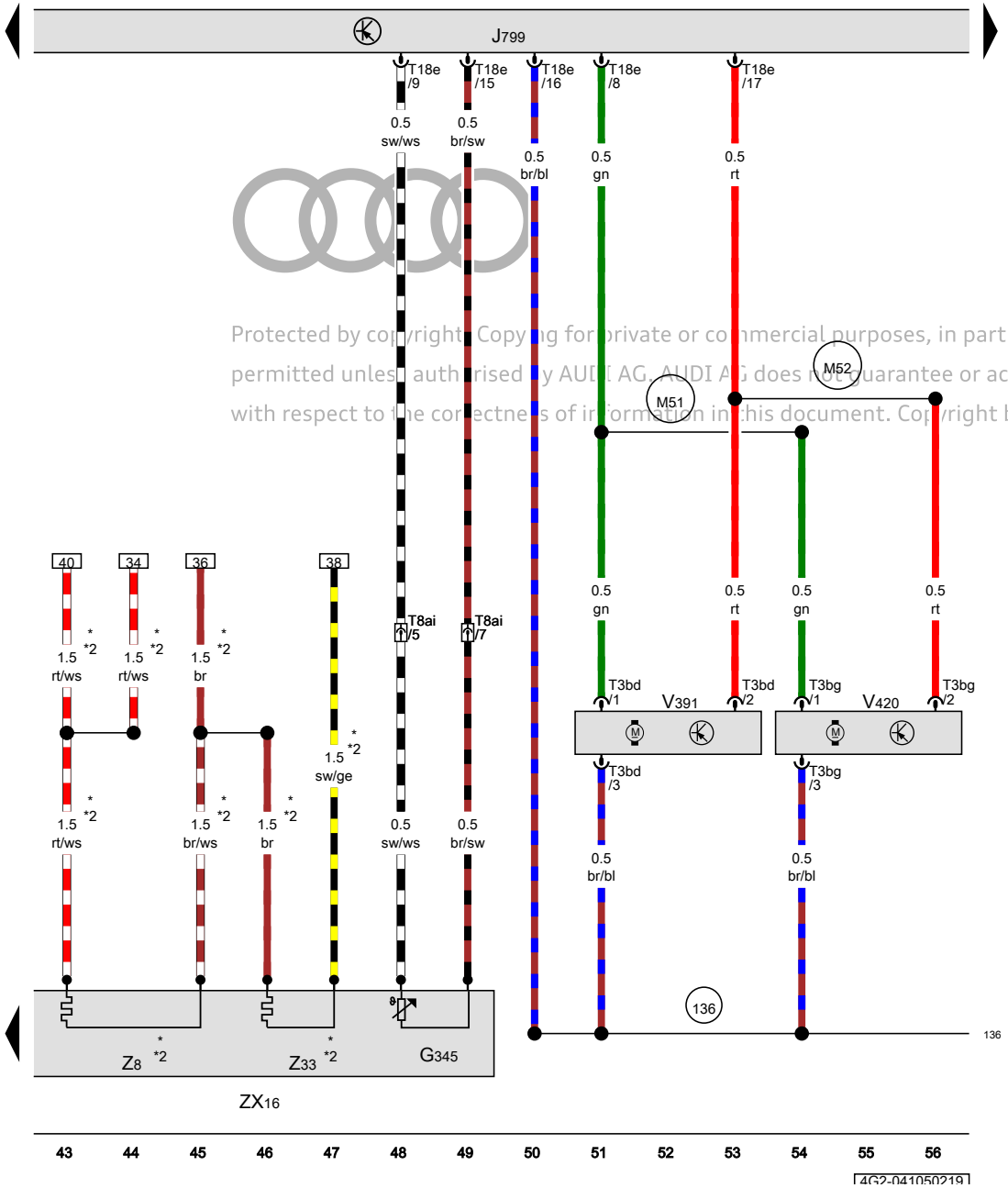


Control unit for front right seat ventilation, Heated backrest for front passenger seat, Seat heating (front passenger side)

J799	Control unit for front right seat ventilation
ST1	Fuse carrier 1
SF9	Fuse 9 in fuse holder F
T6i	6-pin connector, in coupling point for front seat, right
T8ah	8-pin connector, in front passenger seat, black
T8ai	8-pin connector, in front passenger seat, brown
T18e	18-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
ZX16	Seat heating (front passenger side)
Z33	Front passenger seat lateral support heater
35	Earth point, under front passenger seat
96	Earth connection 1, in seat heating wiring harness
318	Earth connection 4, in seat heating wiring harness
378	Earth connection 13, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For American markets
*3	From April 2013

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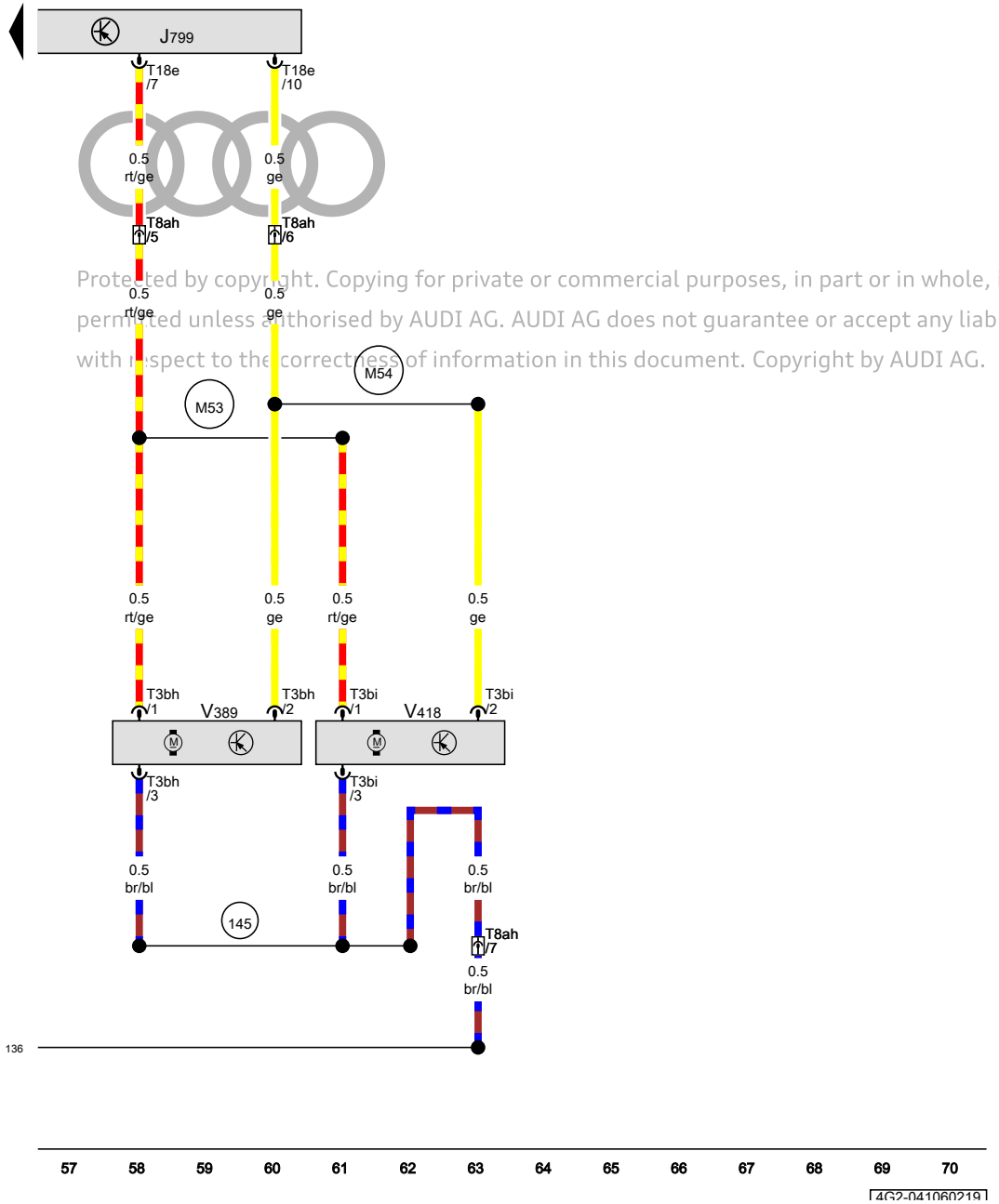
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Front right seat temperature sender, Control unit for front right seat ventilation, Front passenger seat cushion fan, Front passenger seat cushion fan 2, Seat heating (front passenger side)

G345	Front right seat temperature sender
J799	Control unit for front right seat ventilation
T3bd	3-pin connector
T3bg	3-pin connector
T8ai	8-pin connector, in front passenger seat, brown
T18e	18-pin connector
V391	Front passenger seat cushion fan
V420	Front passenger seat cushion fan 2
Z8	Heated seat cushion for front passenger seat
ZX16	Seat heating (front passenger side)
Z33	Front passenger seat lateral support heater
136	Earth connection 2, in seat heating wiring harness
M51	Connection 1, in front passenger seat wiring harness
M52	Connection 2, in front passenger seat wiring harness
*	For American markets
*2	From April 2013

Control unit for front right seat ventilation, Front passenger seat backrest fan, Front passenger seat backrest fan 2

J799	Control unit for front right seat ventilation
T3bh	3-pin connector
T3bi	3-pin connector
T8ah	8-pin connector, in front passenger seat, black
T18e	18-pin connector
V389	Front passenger seat backrest fan
V418	Front passenger seat backrest fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M53	Connection 3, in front passenger seat wiring harness
M54	Connection 4, in front passenger seat wiring harness



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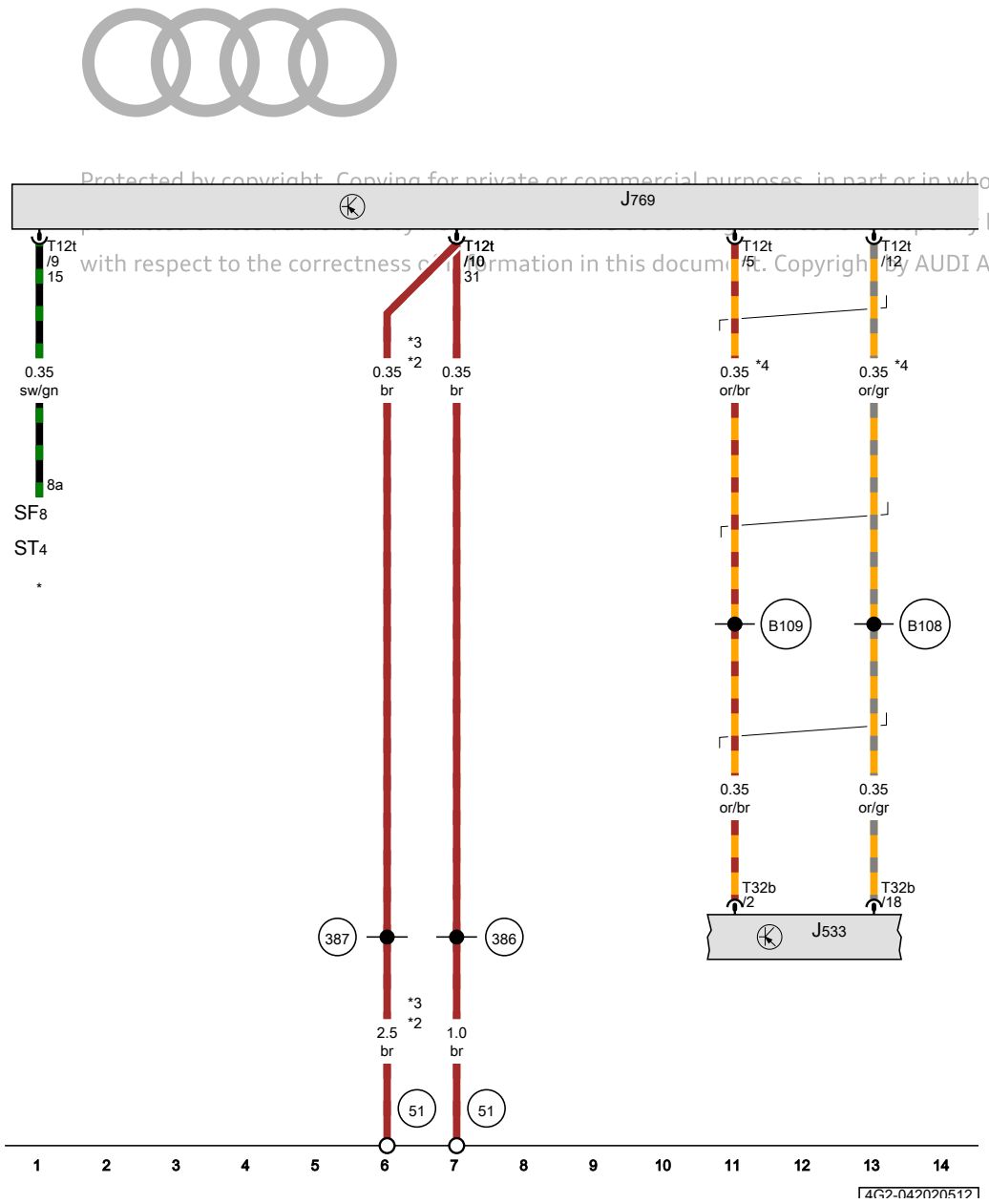
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Lane change assist

From January 2011

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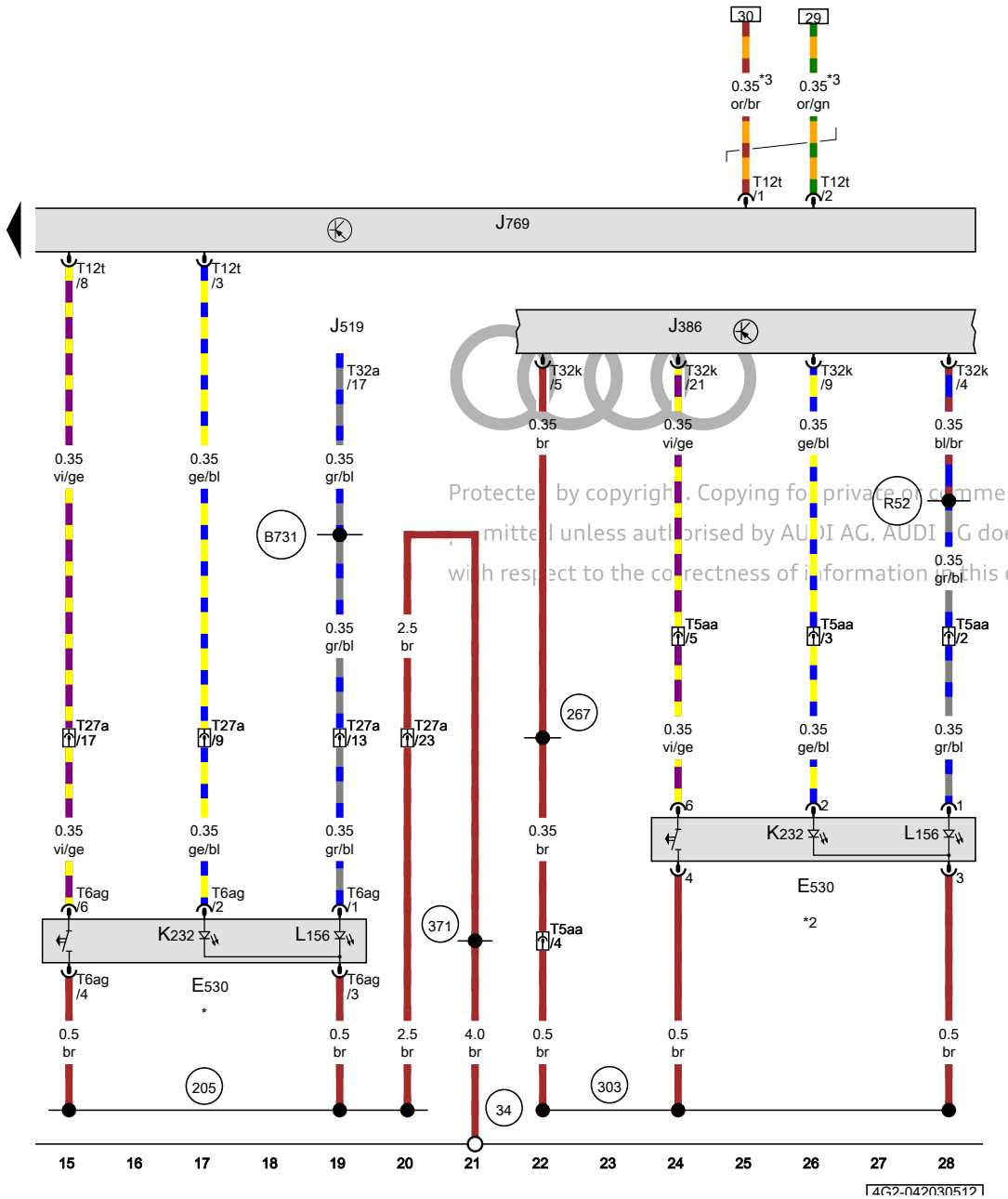


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Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST4	Fuse carrier 4
SF8	Fuse 8 in fuse holder F
T12t	12-pin connector
T32b	32-pin connector
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
387	Earth connection 22, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Up to February 2011
*4	Data bus wire (CAN bus)

Button for lane change assist, Lane change assist control unit, Lane change assist warning lamp

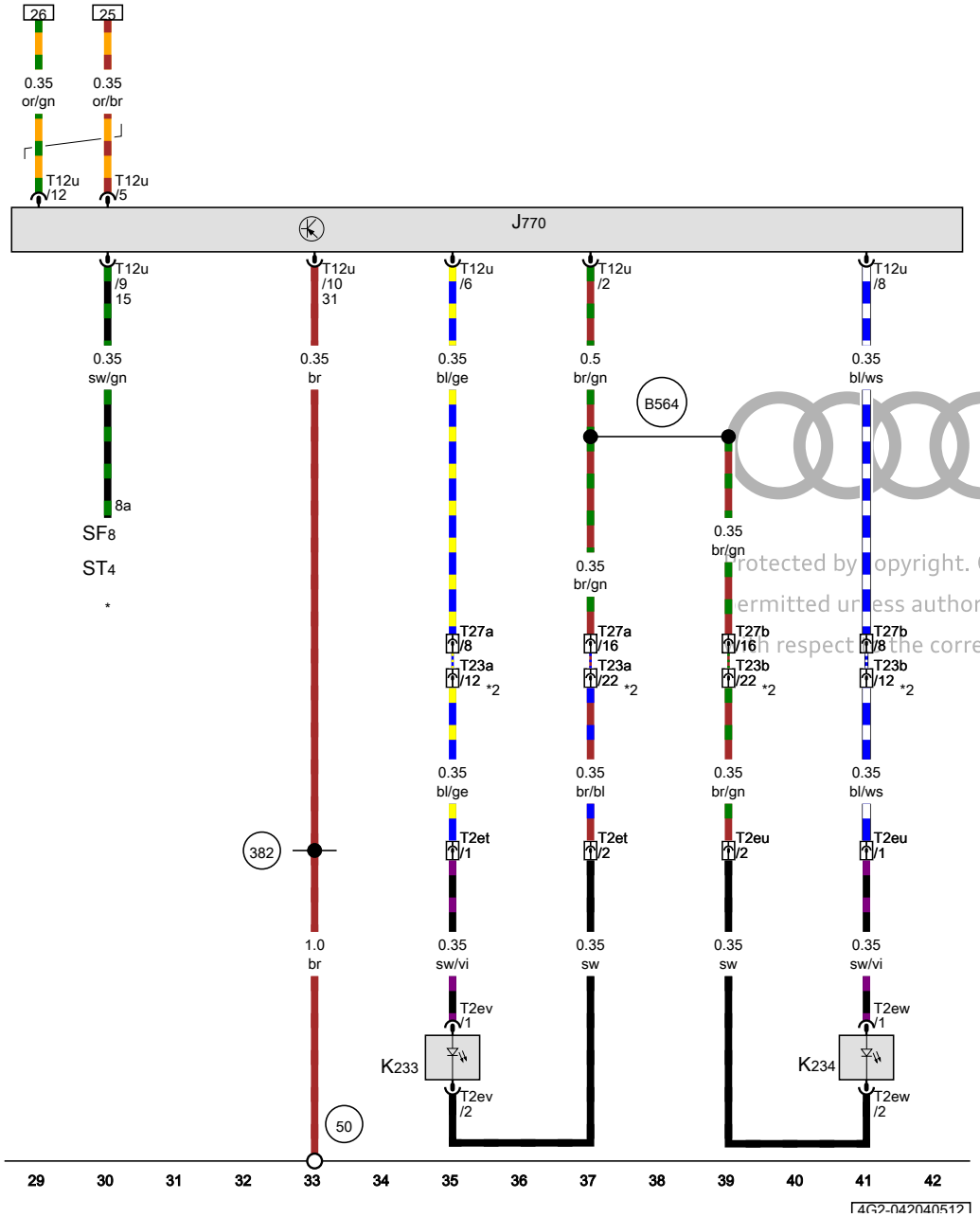


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E530	Button for lane change assist
J386	Driver door control unit
J519	Onboard supply control unit
J769	Lane change assist control unit
K232	Lane change assist warning lamp
L156	Switch illumination bulb
T5aa	5-pin connector, on lower section of left A-pillar
T6ag	6-pin connector
T12t	12-pin connector
T27a	27-pin connector, on left A-pillar
T32a	32-pin connector
T32k	32-pin connector
34	Earth point, under driver seat
205	Earth connection, in driver door wiring harness
267	Earth connection 2, in drive side door wiring harness
303	Earth connection 3, in drive side door wiring harness
371	Earth connection 6, in main wiring harness
B731	Connection 1 (58s), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Up to May 2011
*2	From June 2011
*3	Data bus wire (CAN bus)

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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror



J770 Lane change assist control unit 2
K233 Lane change assist warning lamp in driver side exterior mirror
K234 Lane change assist warning lamp in front passenger side exterior mirror
ST4 Fuse carrier 4
SF8 Fuse 8 in fuse holder F
T2et 2-pin connector, in driver door
T2eu 2-pin connector, in front passenger door
T2ev 2-pin connector
T2ew 2-pin connector
T12u 12-pin connector
T23a 23-pin connector, on left A-pillar
T23b 23-pin connector, on right A-pillar
T27a 27-pin connector, on left A-pillar
T27b 27-pin connector, on right A-pillar

50 Earth point, on left in luggage compartment

382 Earth connection 17, in main wiring harness

B564 Connection 31, in main wiring harness

* see applicable current flow diagram for fuse assignment
*2 From June 2011

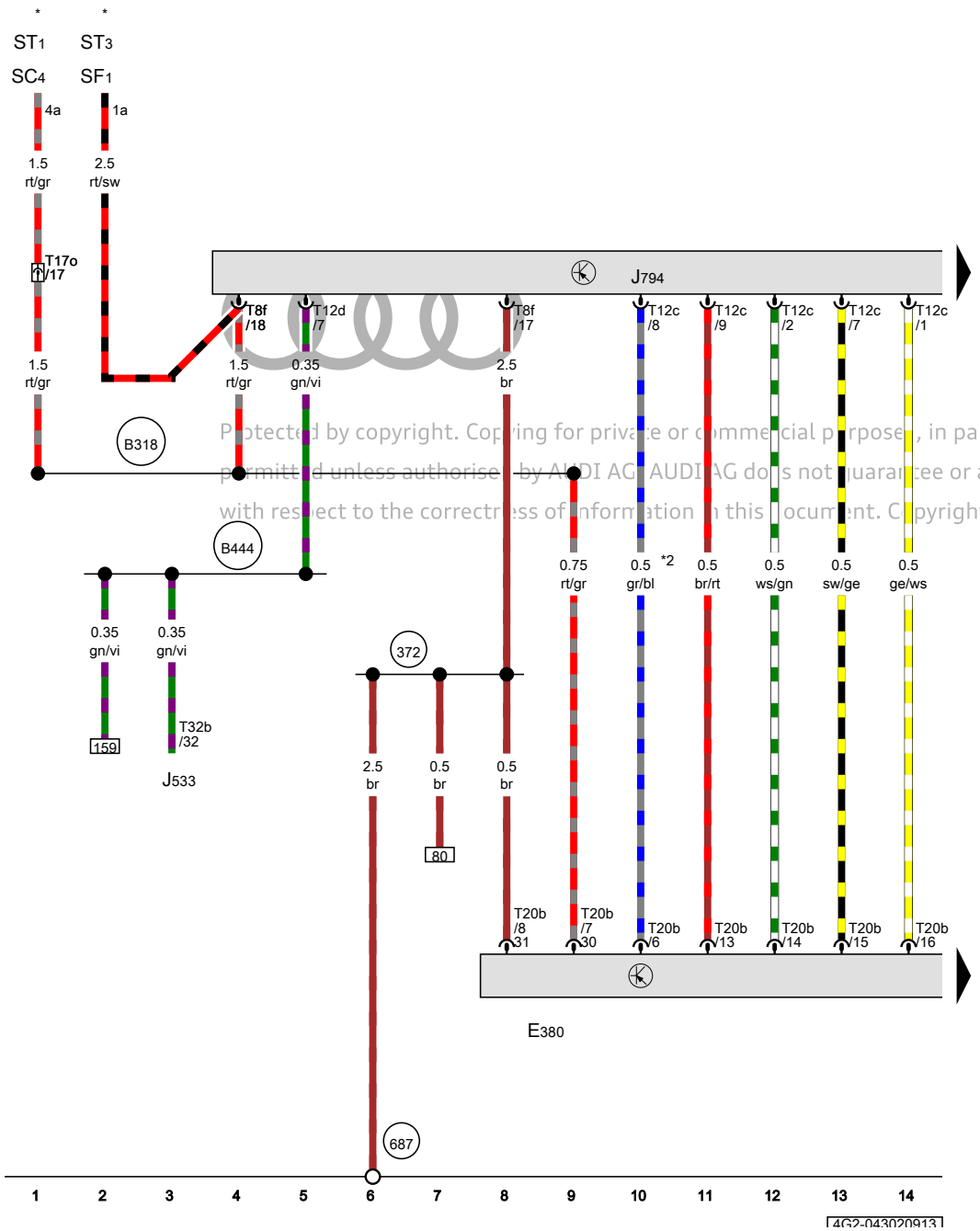
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Radio system (RMC) with basic sound system

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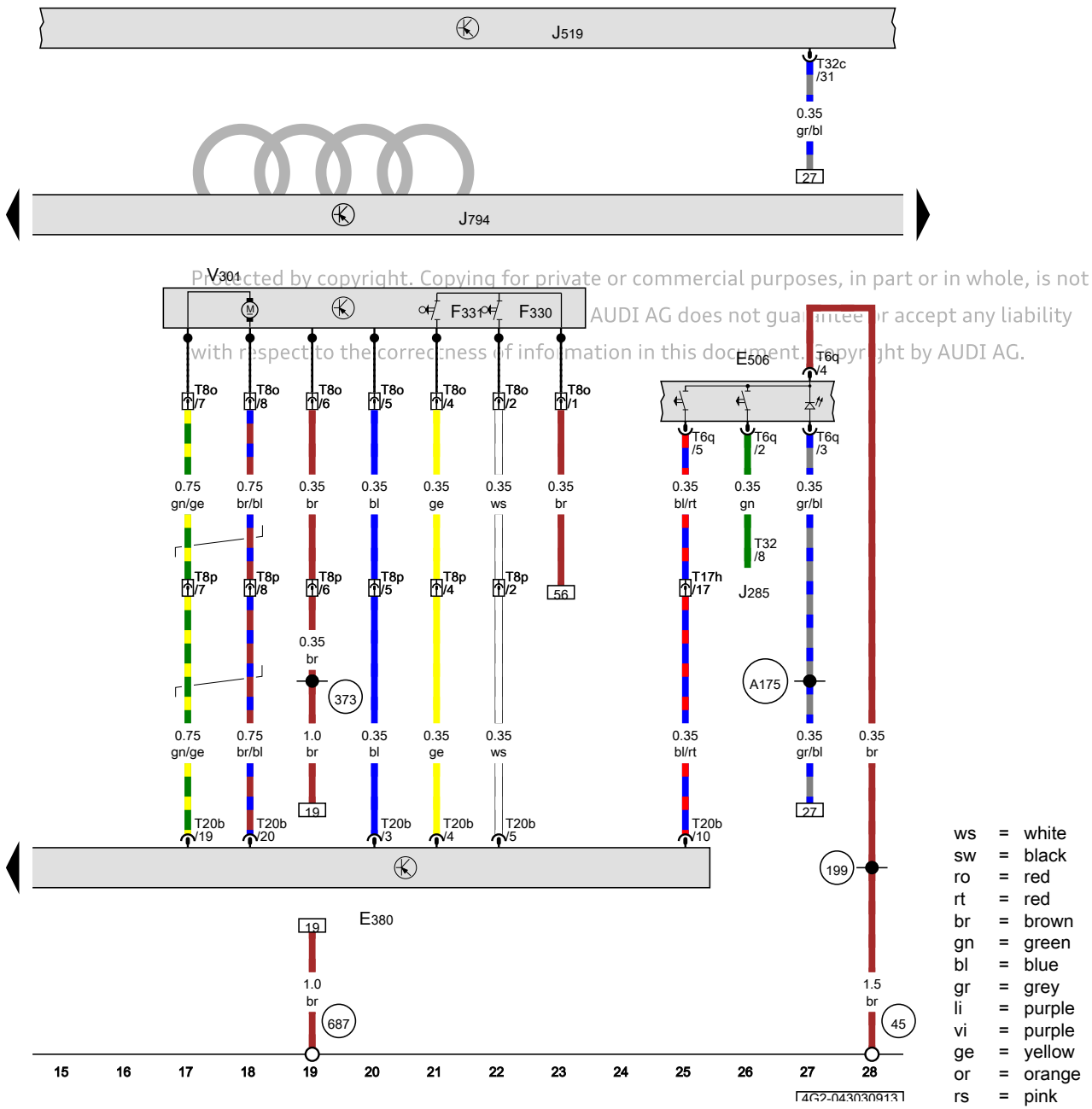


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Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC4	Fuse 4 on fuse holder C
T8f	8-pin connector
T12c	12-pin connector
T12d	12-pin connector
T17o	17-pin connector, in coupling point in interior, right
T20b	20-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B318	Positive connection 4 (30a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

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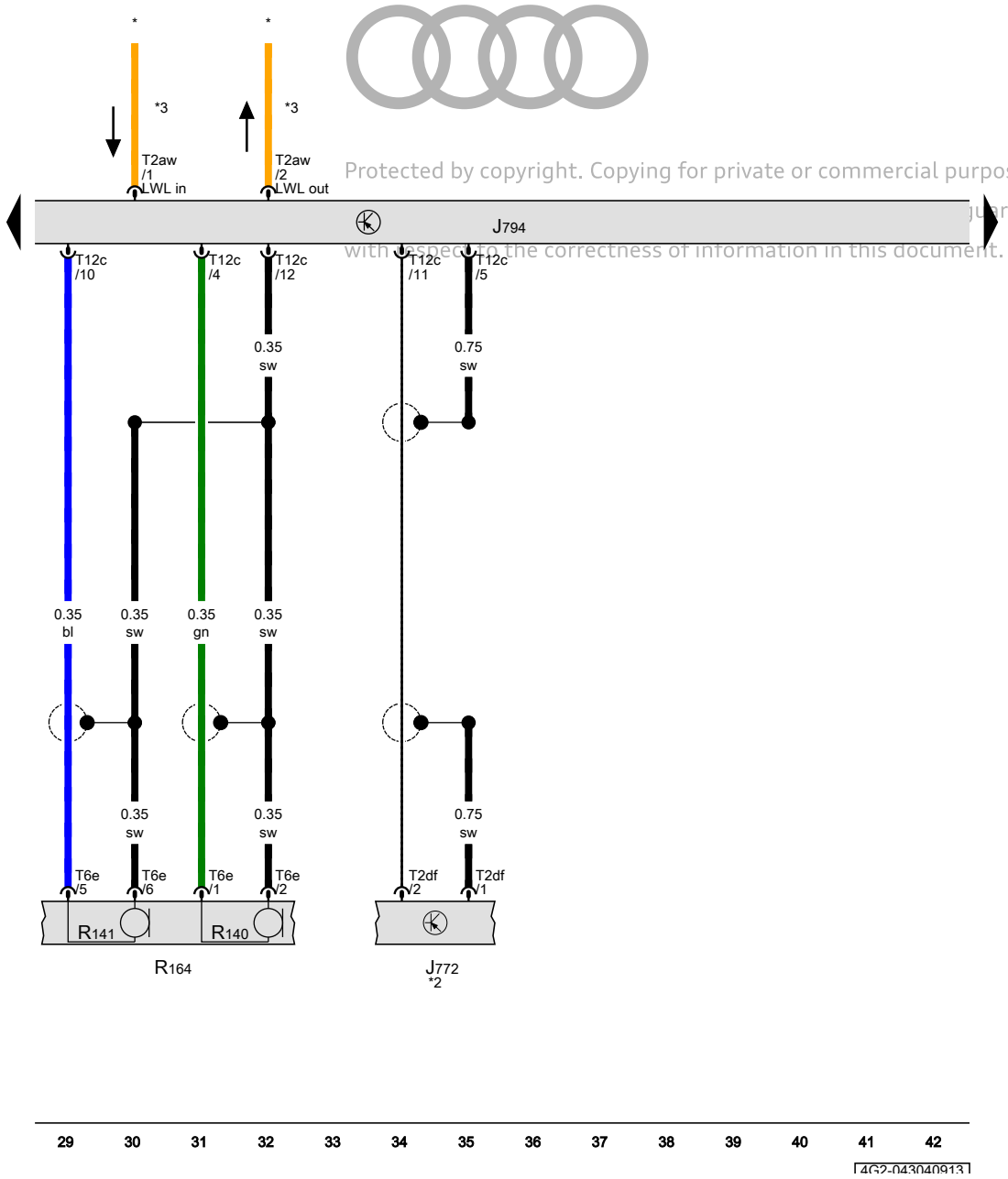
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Multimedia system operating unit, Display unit button, Open display limit switch, Control unit in dash panel insert, Control unit 1 for information electronics, Open and close display motor

E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
T32	32-pin connector
T32c	32-pin connector
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
A175	Connection (58s), in dash panel wiring harness
*	Only models with preparation for mobile telephone

Control unit 1 for information electronics, Microphone unit in front roof module

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T2aw	2-pin connector
T2df	2-pin connector
T6e	6-pin connector
T12c	12-pin connector
*	see applicable current flow diagram for data bus network
*2	Only models with reversing camera system
*3	Fibre optic cable (FOC)

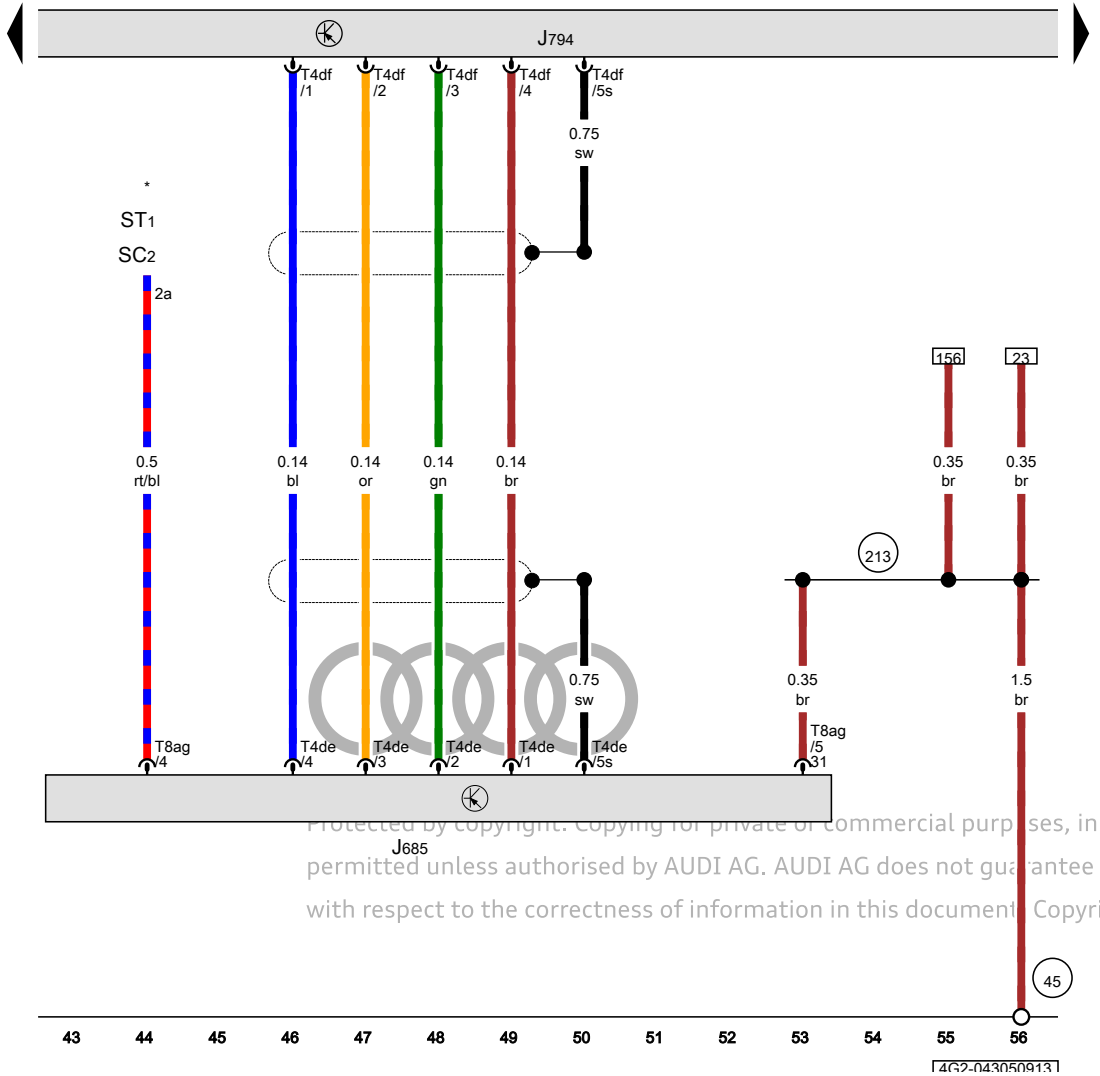


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Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
T4de	4-pin connector
T4df	4-pin connector
T8ag	8-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

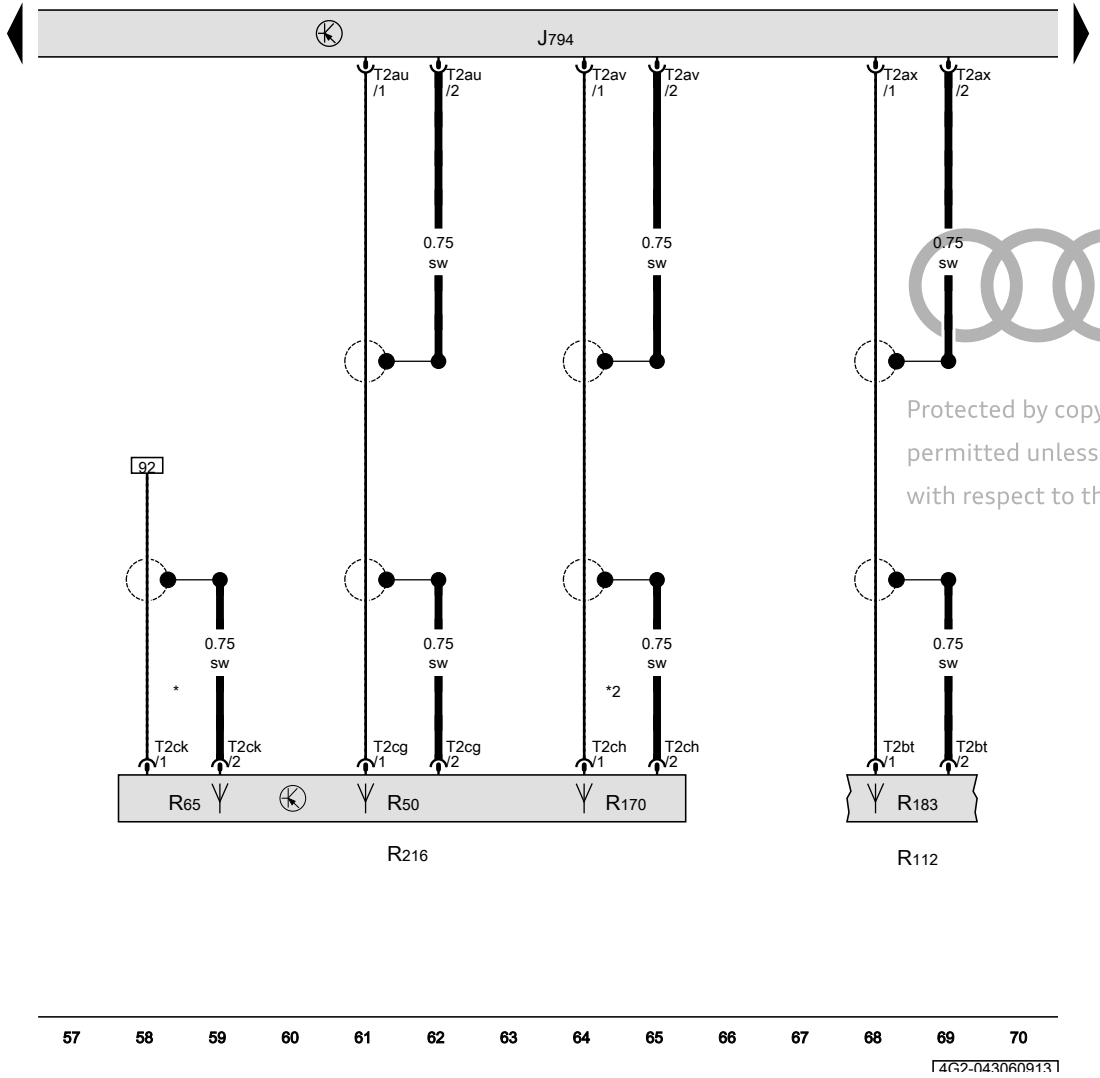


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Control unit 1 for information electronics, Aerial amplifier 3

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R112	Aerial amplifier 3
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2au	2-pin connector
T2av	2-pin connector
T2ax	2-pin connector
T2bt	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ck	2-pin connector
*	Only models with preparation for mobile telephone
*2	Only for American markets

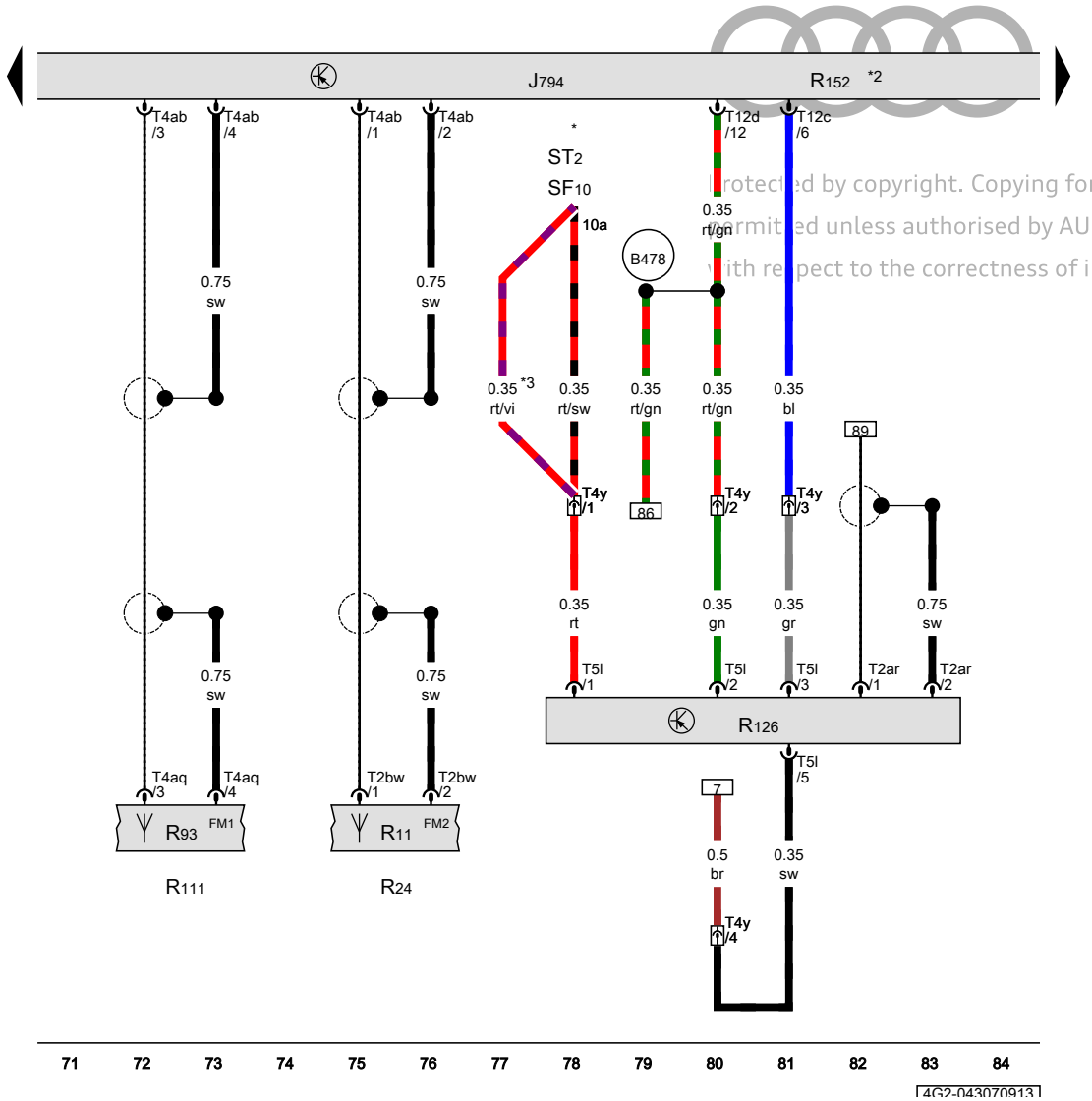


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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Telephone bracket

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier
R93	Radio aerial 2
R111	Aerial amplifier 2
R126	Telephone bracket
R152	Aerial for Bluetooth
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2ar	2-pin connector
T2bw	2-pin connector
T4ab	4-pin connector
T4aq	4-pin connector
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T12c	12-pin connector
T12d	12-pin connector
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with aerial for Bluetooth
*3	From June 2011

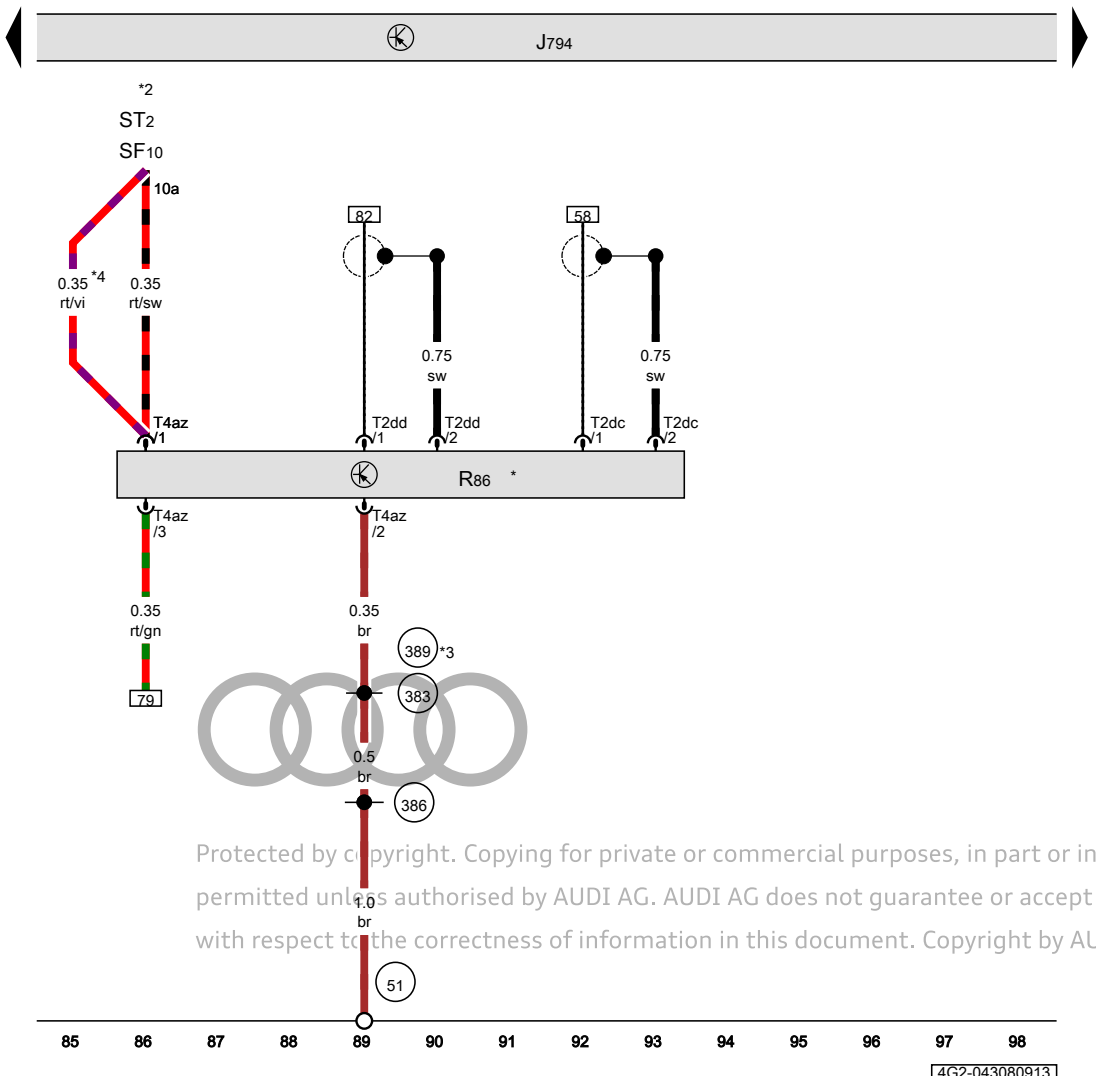


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Control unit 1 for information electronics, Aerial amplifier for mobile telephone

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T2dc	2-pin connector
T2dd	2-pin connector
T4az	4-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	Not for American markets
*2	see applicable current flow diagram for fuse assignment
*3	Avant
*4	From June 2011

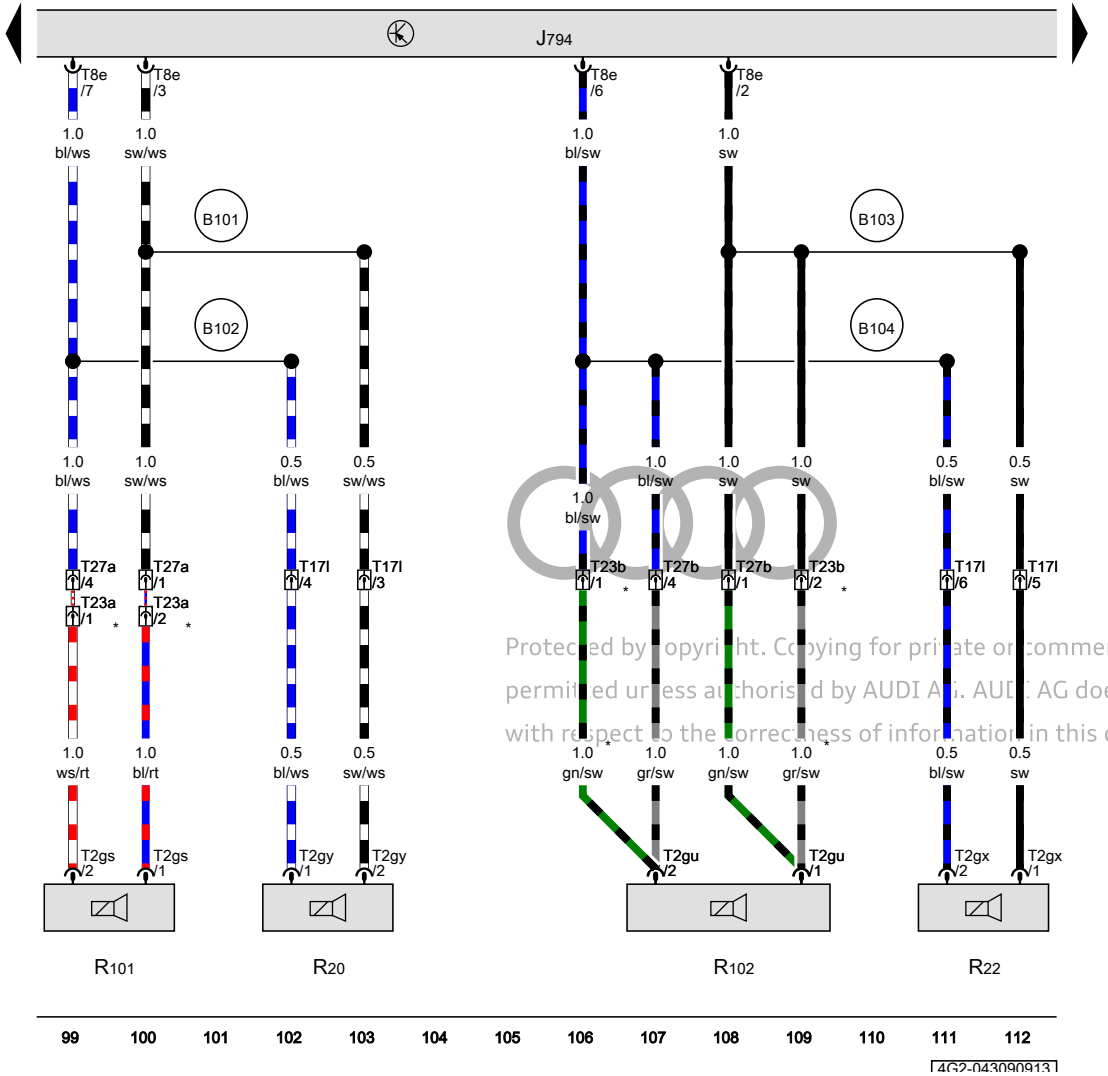


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Control unit 1 for information electronics, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
T2gs	2-pin connector
T2gu	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T8e	8-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	From June 2011

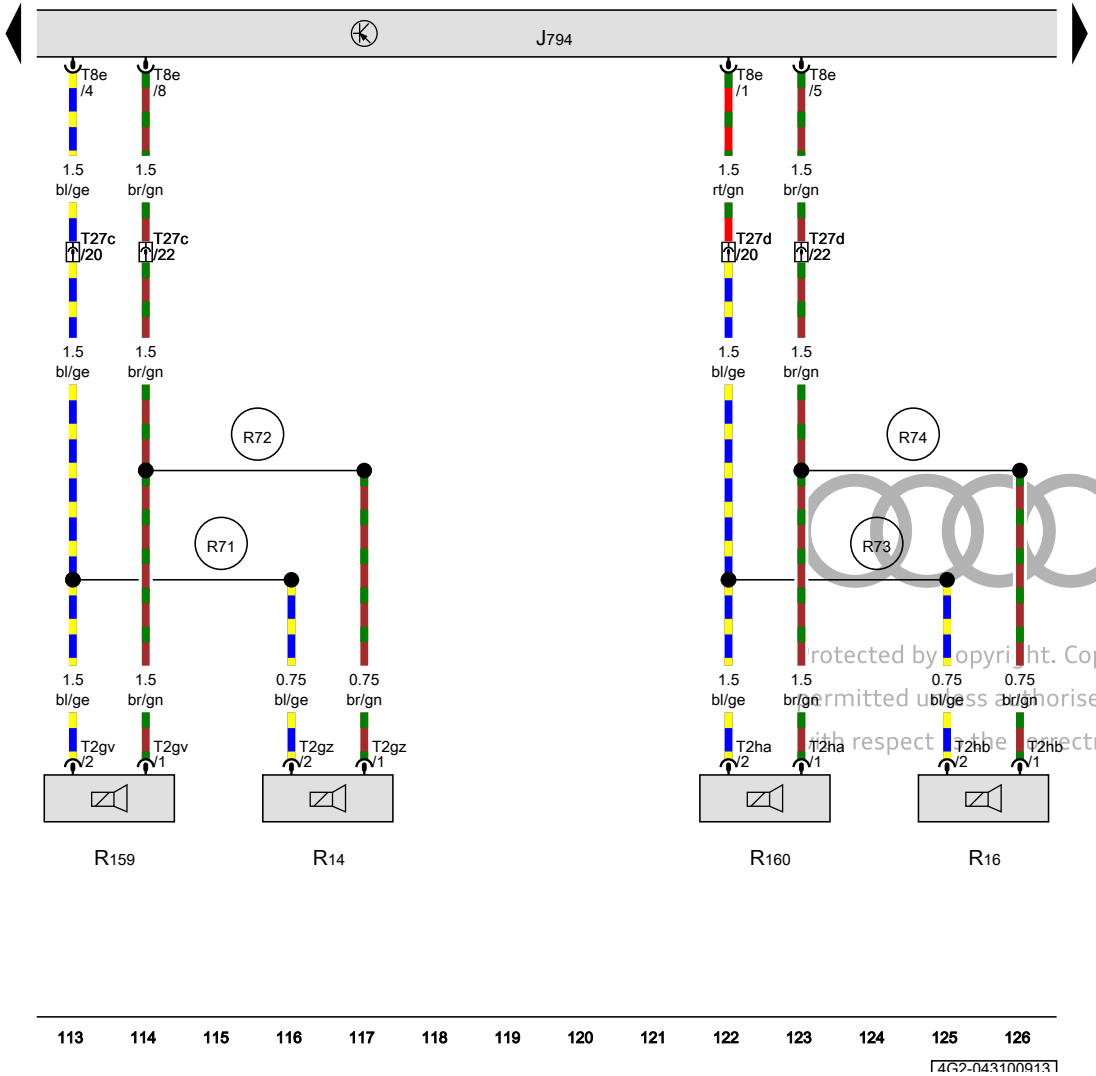


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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T8e	8-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

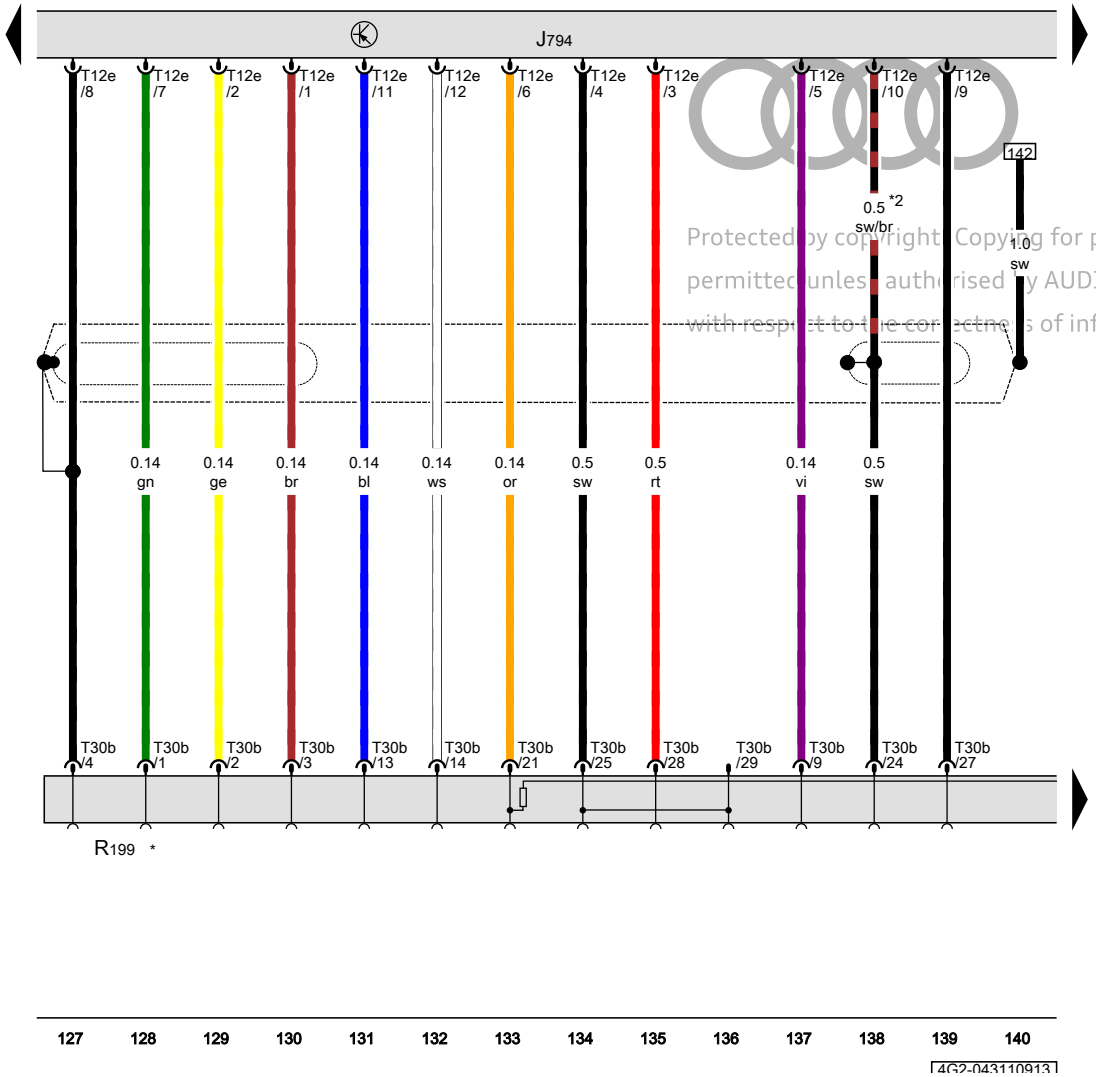


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Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface
*2	gradual introduction

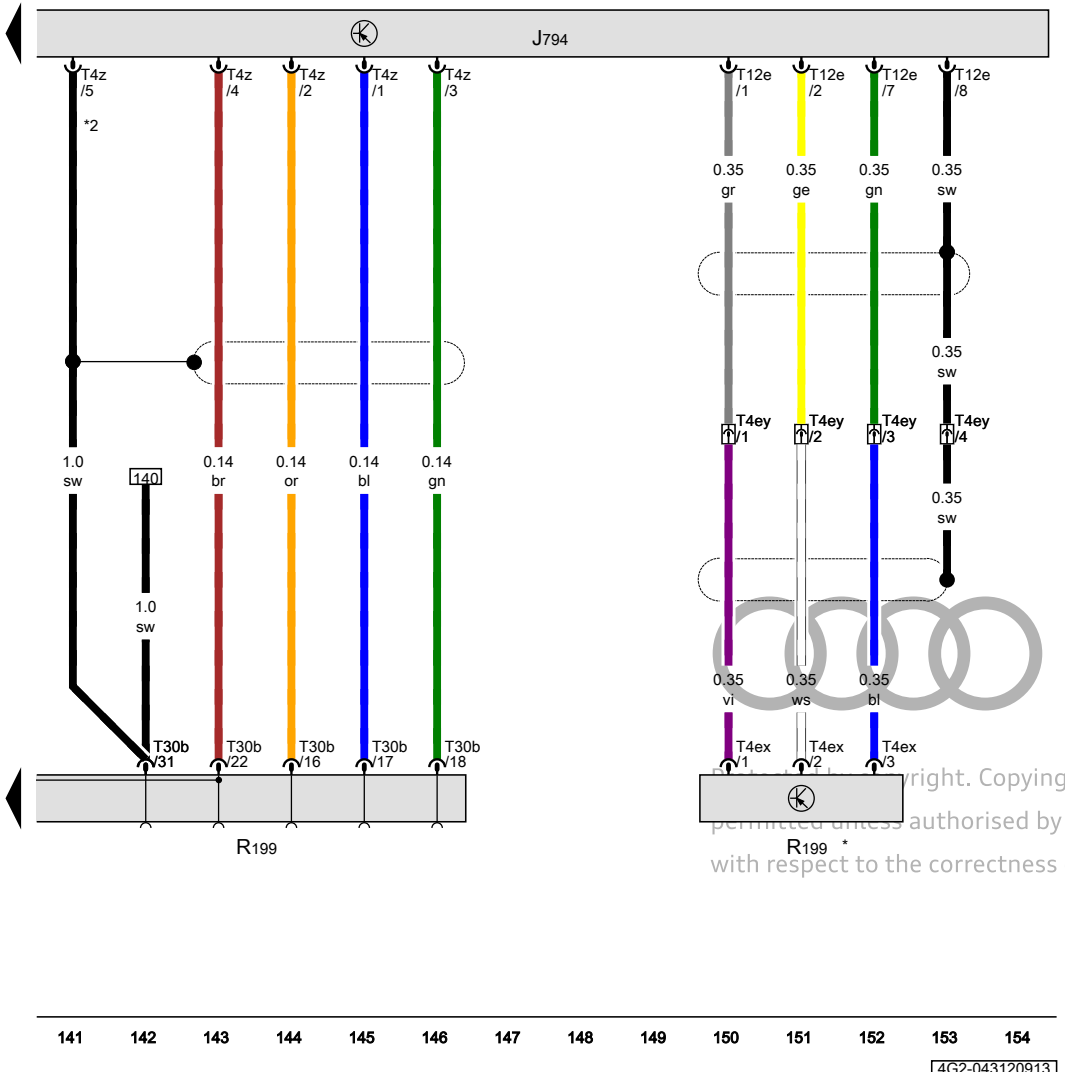


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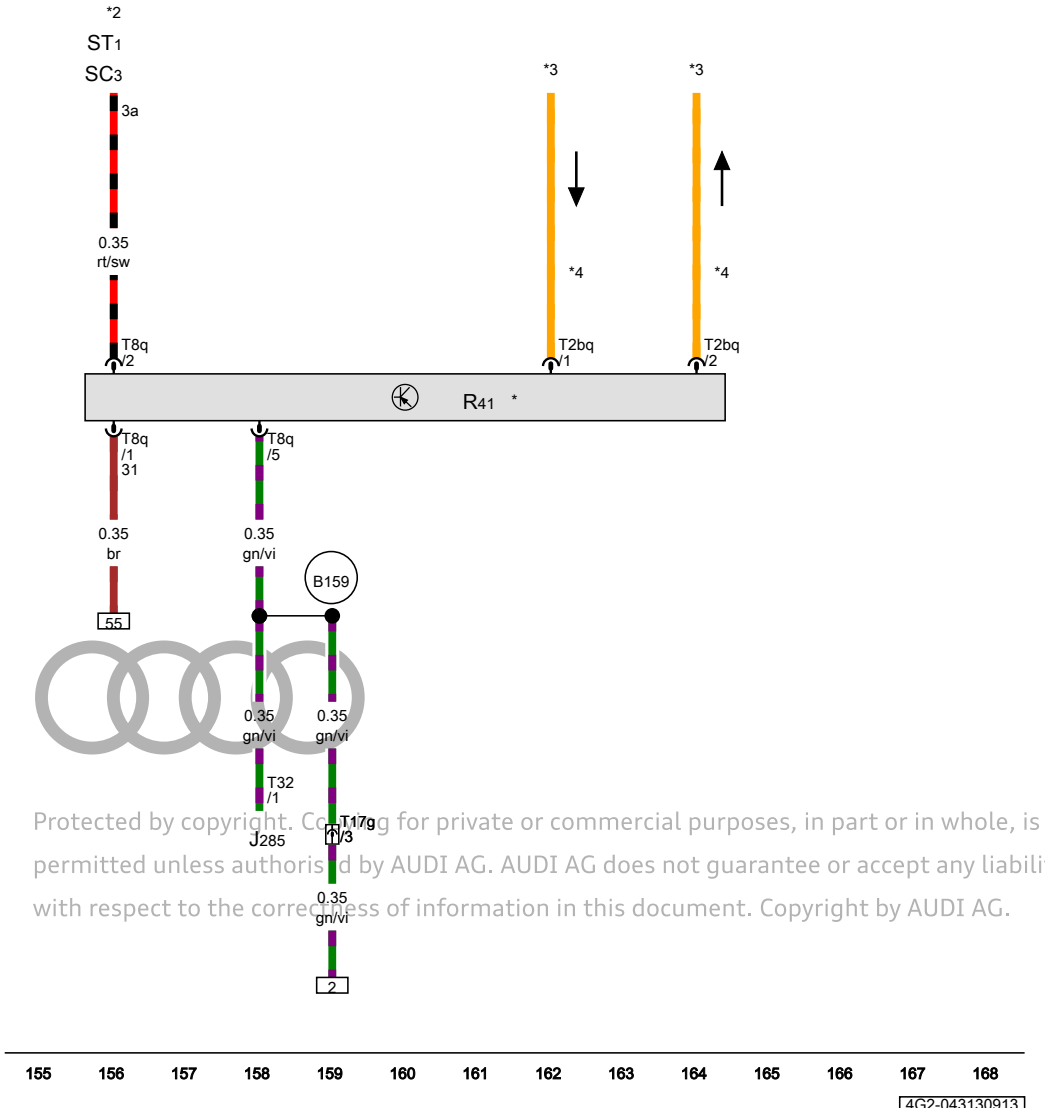
Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4ex	4-pin connector
T4ey	4-pin connector, in centre console
T4z	4-pin connector
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - AUX-IN socket
*2	Earthed via connector housing



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CD changer

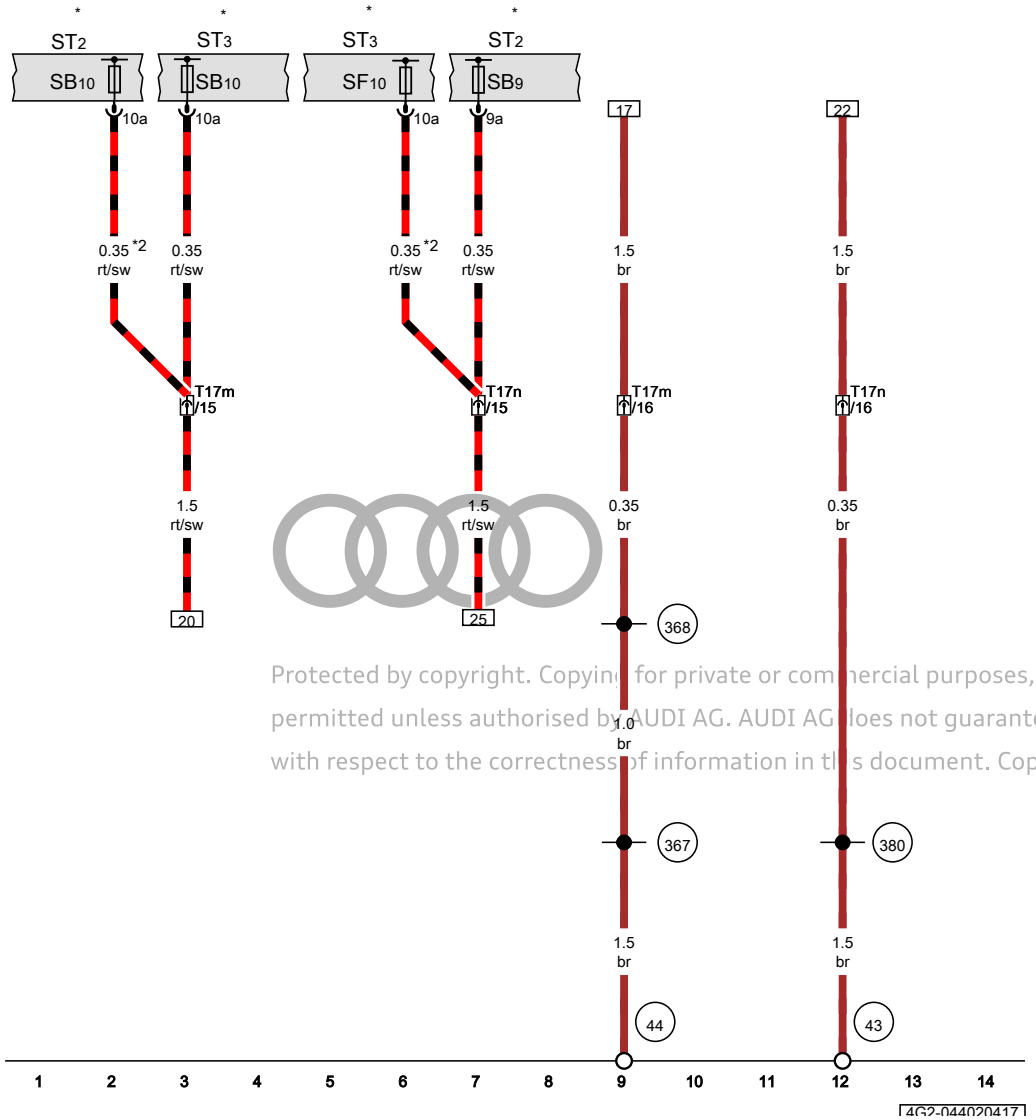
J285	Control unit in dash panel insert
R41	CD changer
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T2bq	2-pin connector
T8q	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
*	Only models with CD changer
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for data bus network
*4	Fibre optic cable (FOC)

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Adjustable lumbar support with no electric adjustable seat , (7P1),(3L3)

From January 2011

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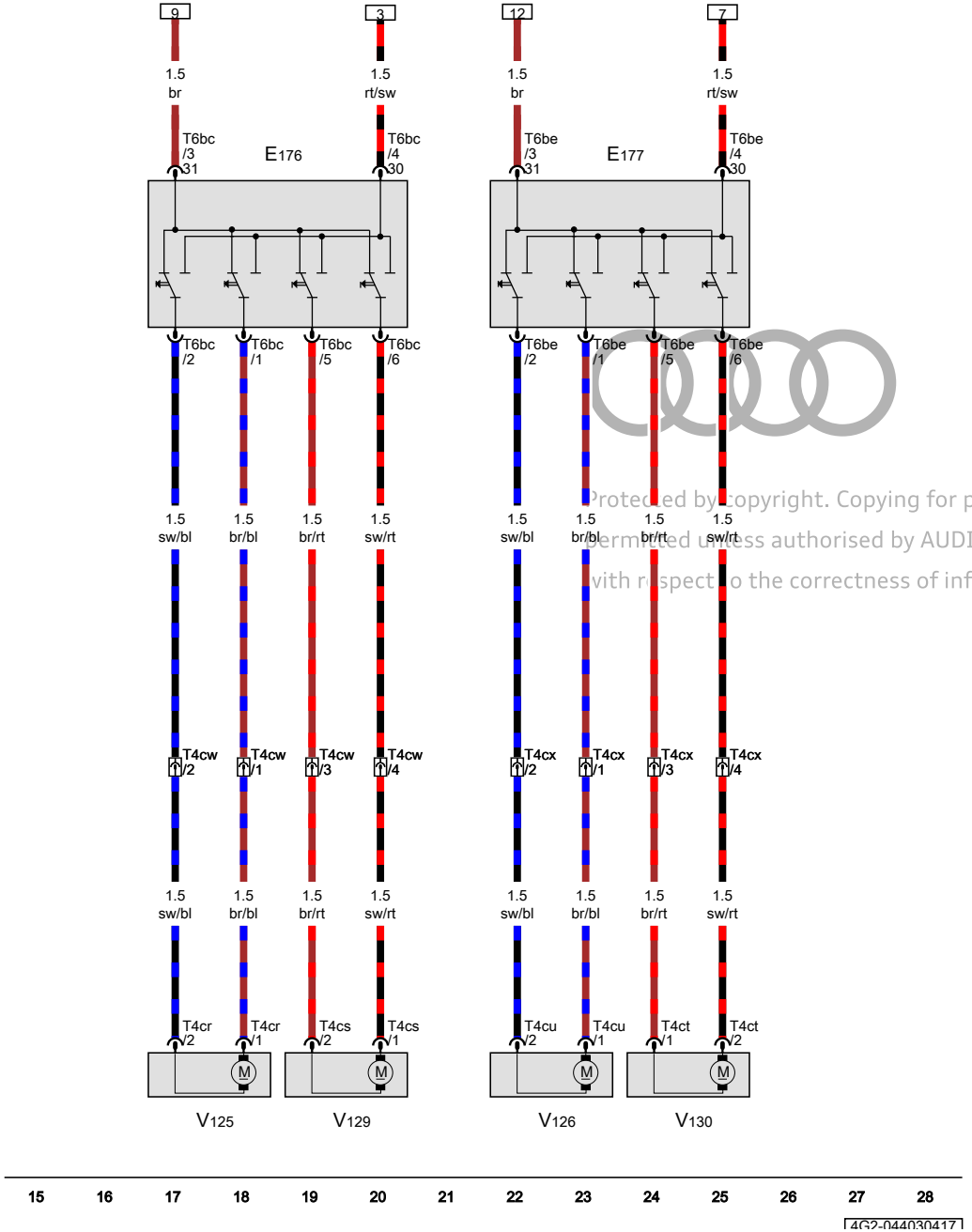


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Fuse 9 on fuse holder B, Fuse 10 on fuse holder B

ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SF10	Fuse 10 in fuse holder F
SB10	Fuse 10 on fuse holder B
T17m	17-pin connector, in coupling point for front seat, left
T17n	17-pin connector, in coupling point for front seat, right
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
380	Earth connection 15, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014



Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
T4cr	4-pin connector
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T4cw	4-pin connector, in driver seat armrest
T4cx	4-pin connector, in front passenger seat armrest
T6bc	6-pin connector
T6be	6-pin connector
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor

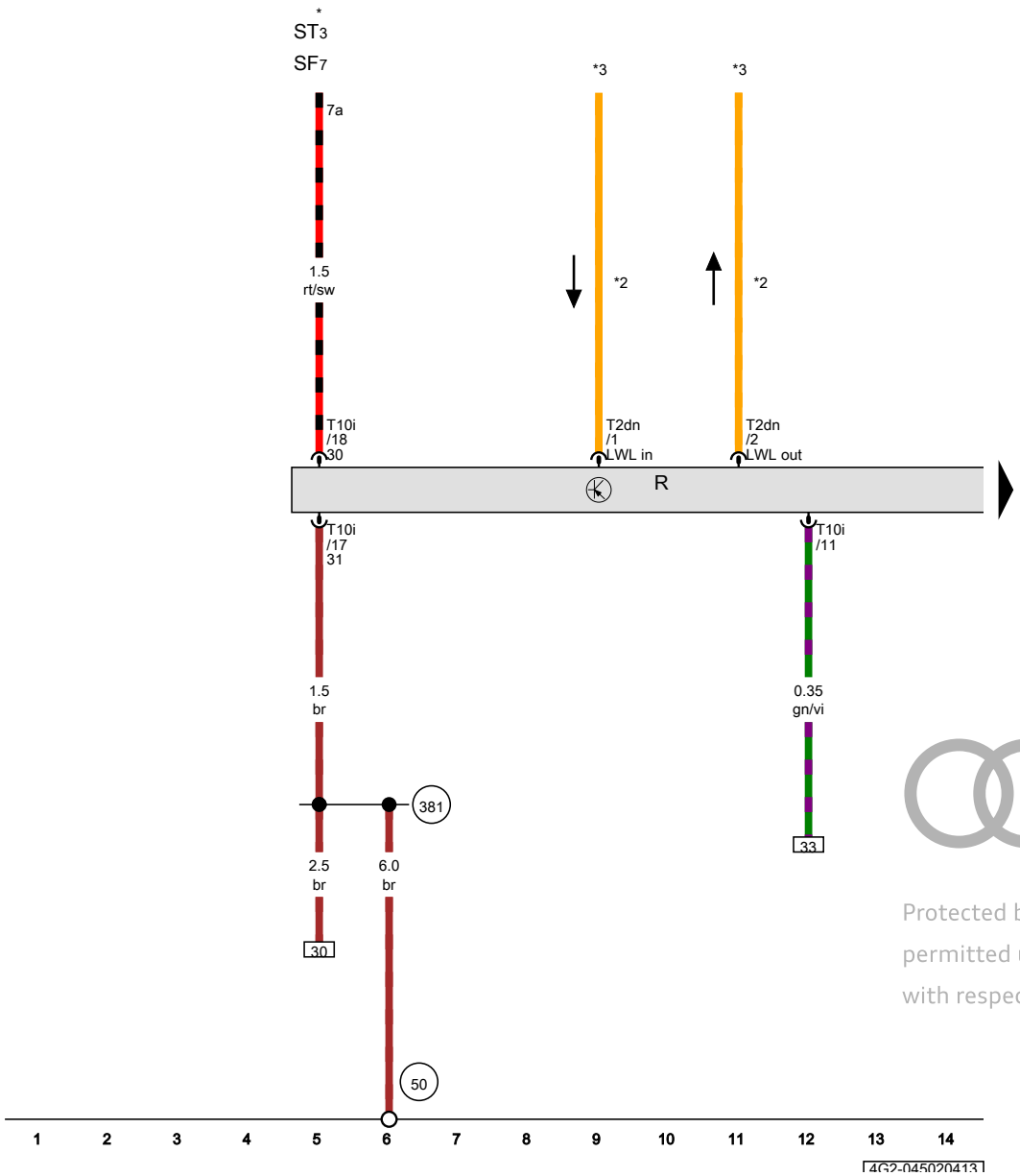
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MMI with radio and BOSE sound system

From January 2011

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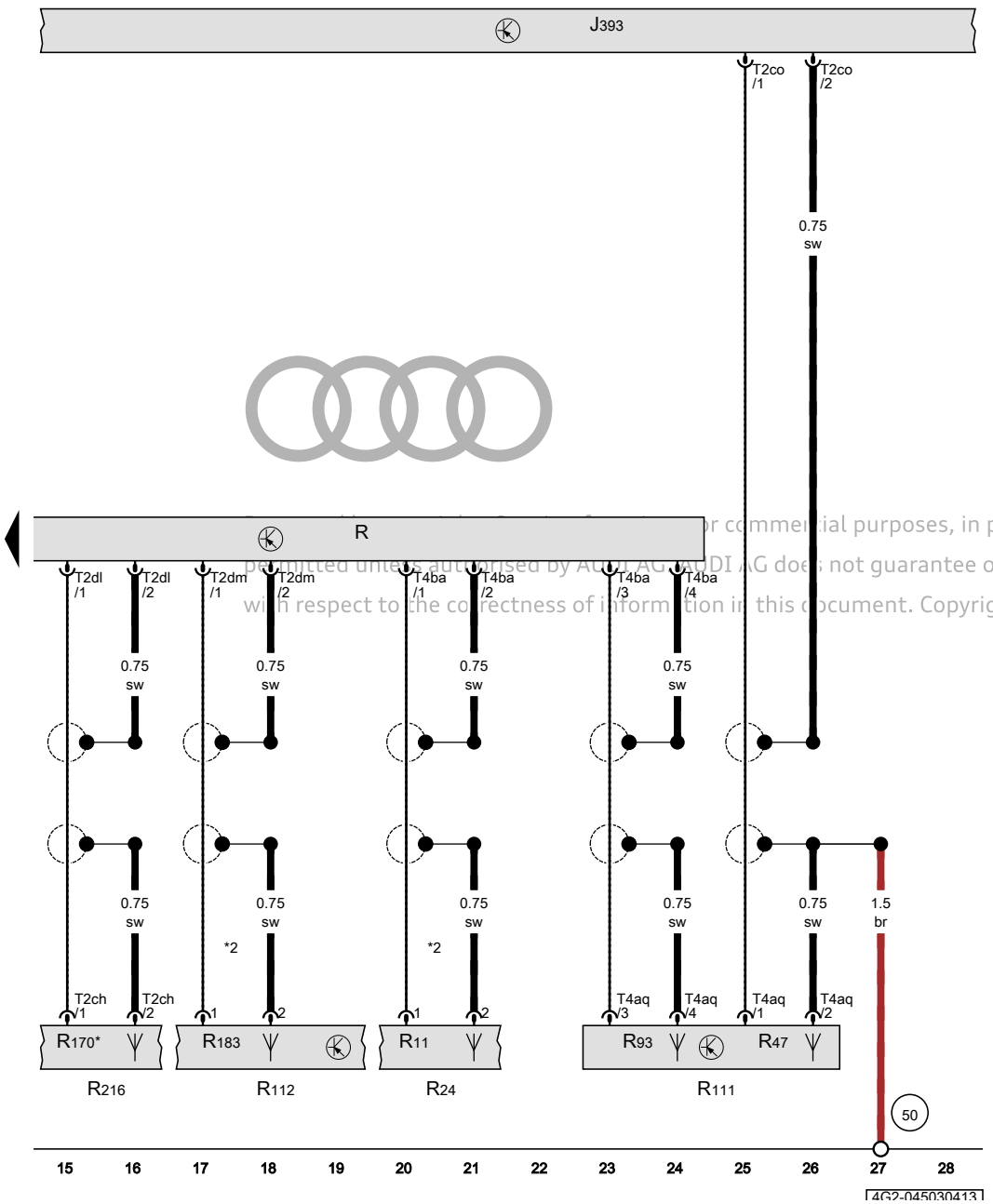


Radio

R	Radio
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
T2dn	2-pin connector
T10i	10-pin connector
50	Earth point, on left in luggage compartment
381	Earth connection 16, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for data bus network

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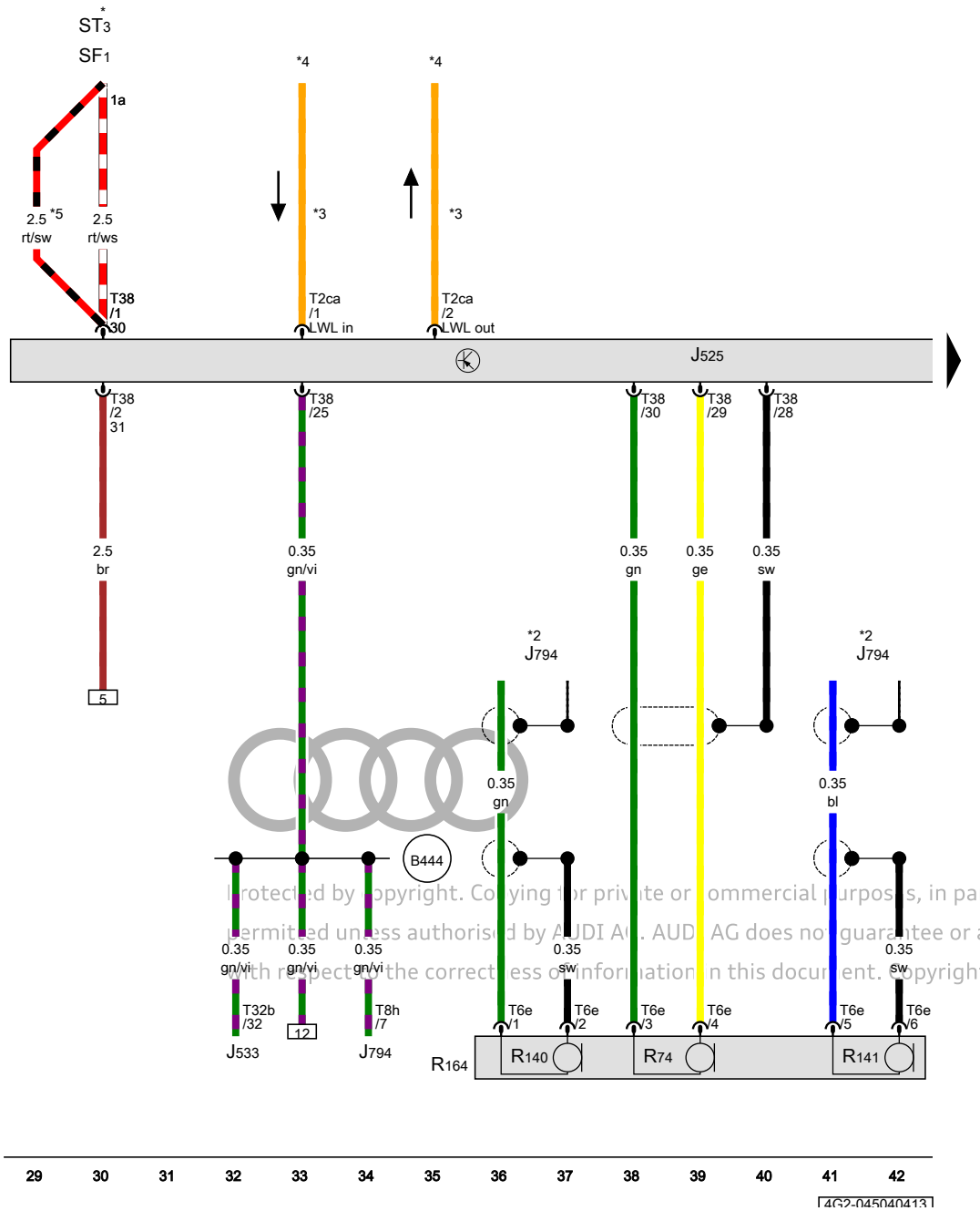


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Radio, Aerial amplifier 2

J393	Convenience system central control unit
R	Radio
R11	Aerial
R24	Aerial amplifier
R47	Central locking and anti-theft alarm system aerial
R93	Radio aerial 2
R111	Aerial amplifier 2
R112	Aerial amplifier 3, Rear window, top right
R170	Satellite aerial
R183	Digital radio aerial
R216	Roof aerial
T2ch	2-pin connector
T2co	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T4aq	4-pin connector
T4ba	4-pin connector
50	Earth point, on left in luggage compartment
*	Only for American markets
*2	Only models with no TV receiver

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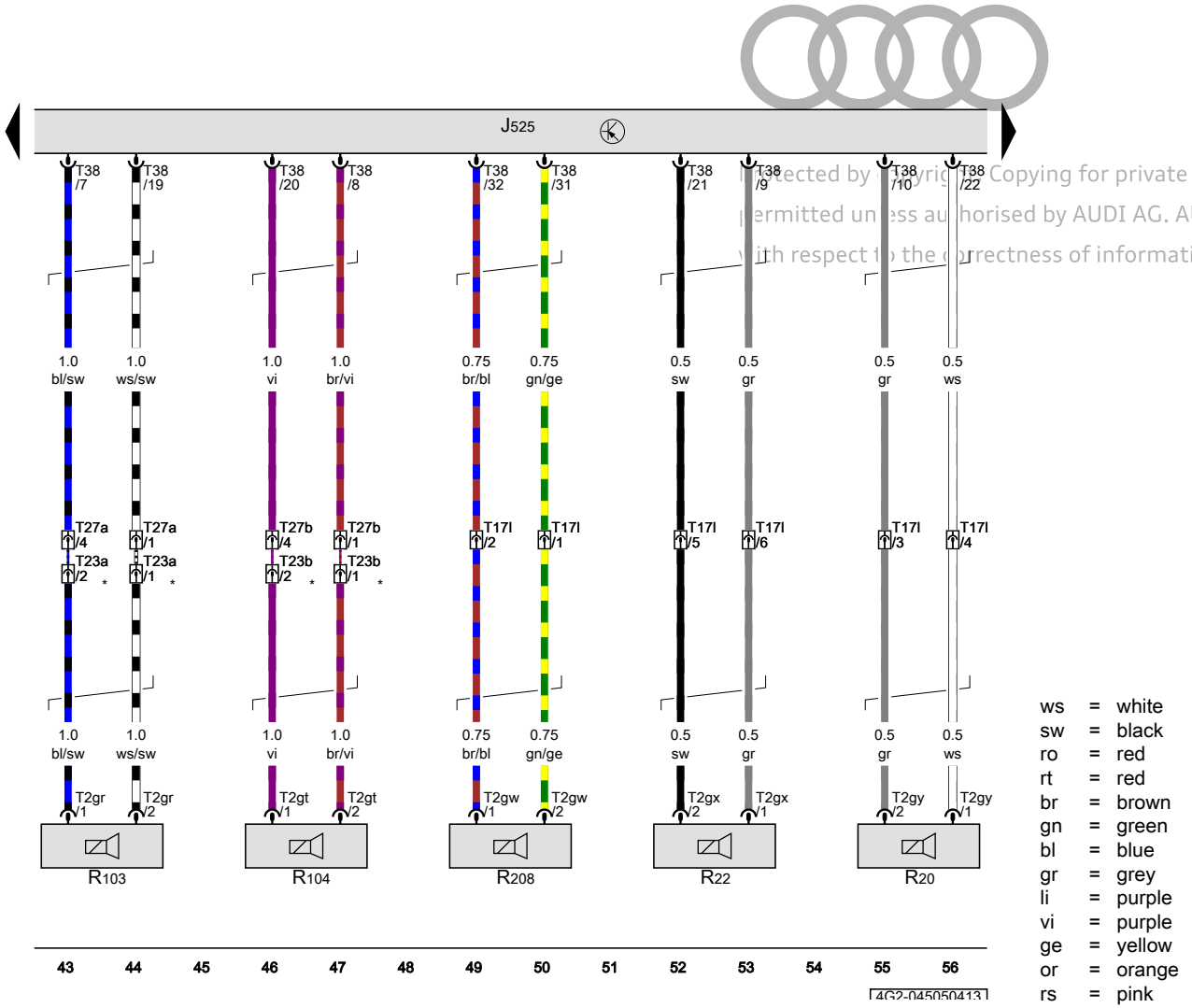
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Digital sound package control unit, Microphone unit in front roof module

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
SF1	Fuse 1 in fuse holder F
ST3	Fuse carrier 3
T2ca	2-pin connector
T6e	6-pin connector
T8h	8-pin connector
T32b	32-pin connector
T38	38-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for preparation for mobile telephone
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network
*5	From June 2011

Digital sound package control unit, Front left treble loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker

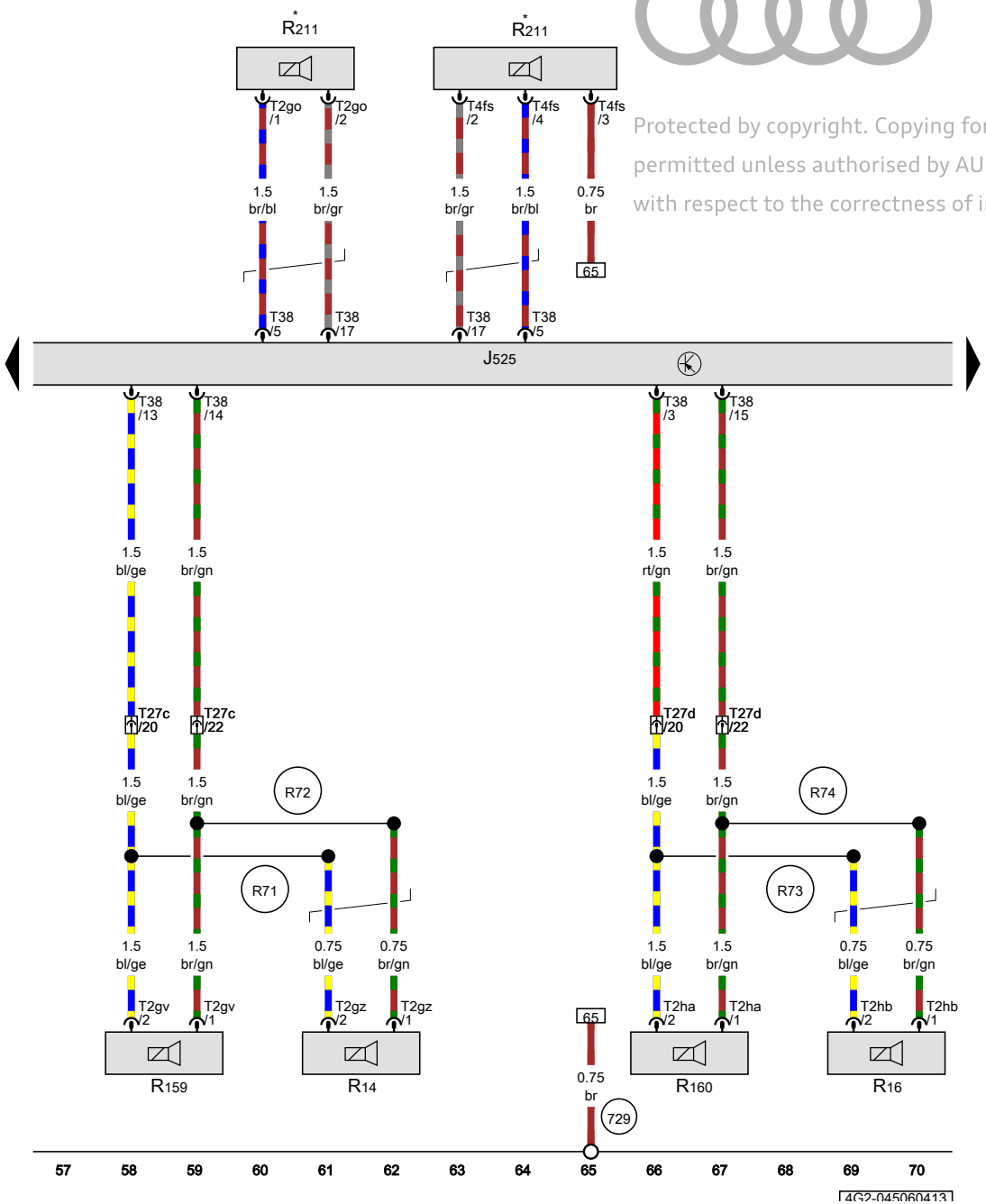
J525	Digital sound package control unit
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T38	38-pin connector
*	From June 2011



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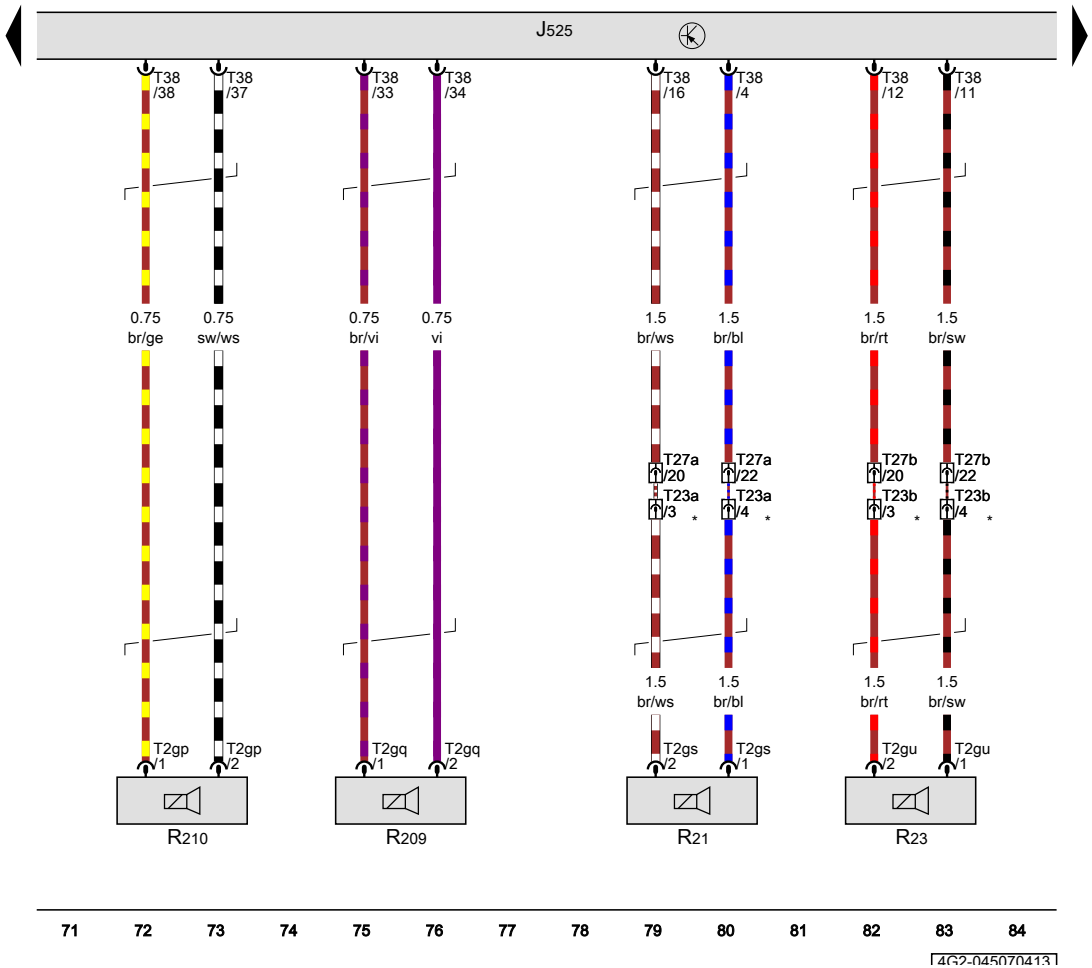
Digital sound package control unit, Rear left treble loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T4fs	4-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T38	38-pin connector
729	Earth point, on left rear wheel housing
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	According to equipment

Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker

J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27a	27-pin connector, on left A-pillar
T27b	27-pin connector, on right A-pillar
T38	38-pin connector
*	From June 2011

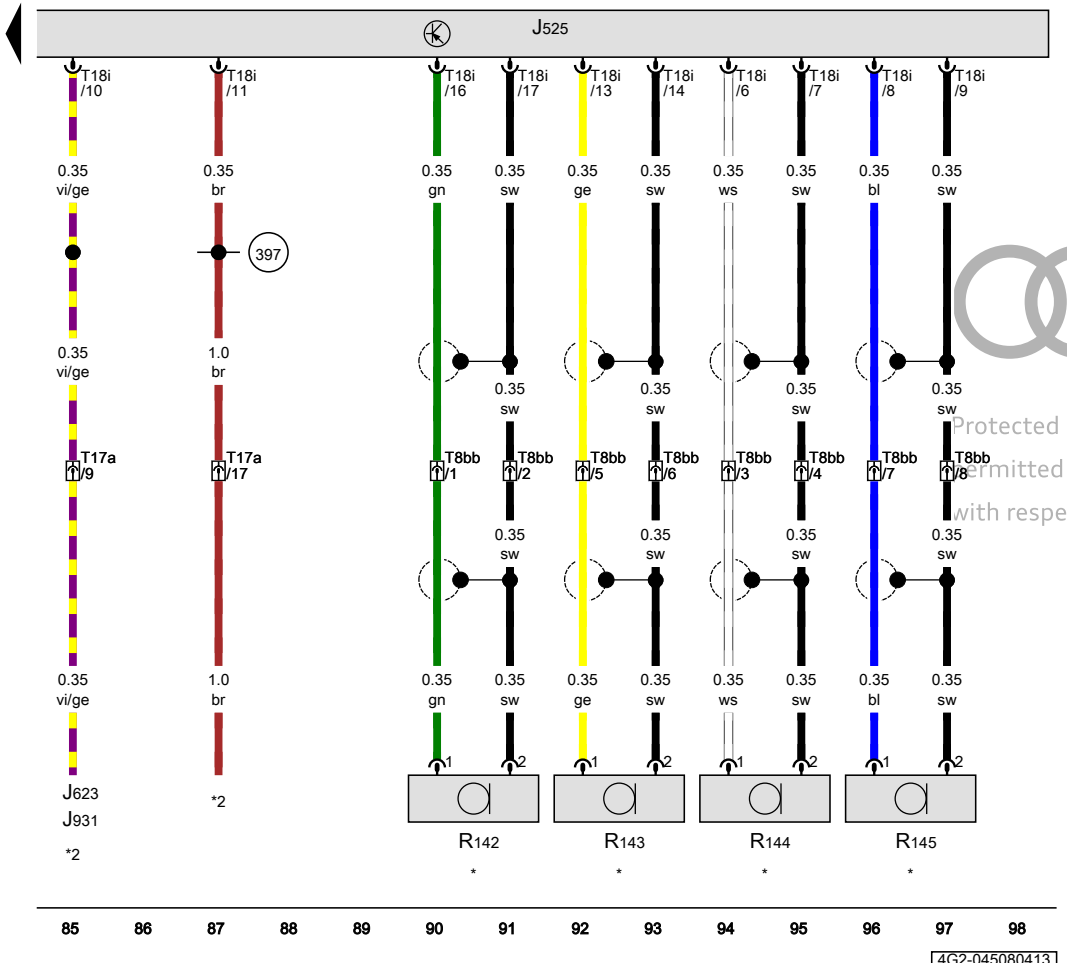
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Digital sound package control unit, Centre left microphone, Rear left microphone

J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R142	Centre left microphone
R143	Centre right microphone
R144	Rear left microphone
R145	Rear right microphone
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T18i	18-pin connector
397	Earth connection 32, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine



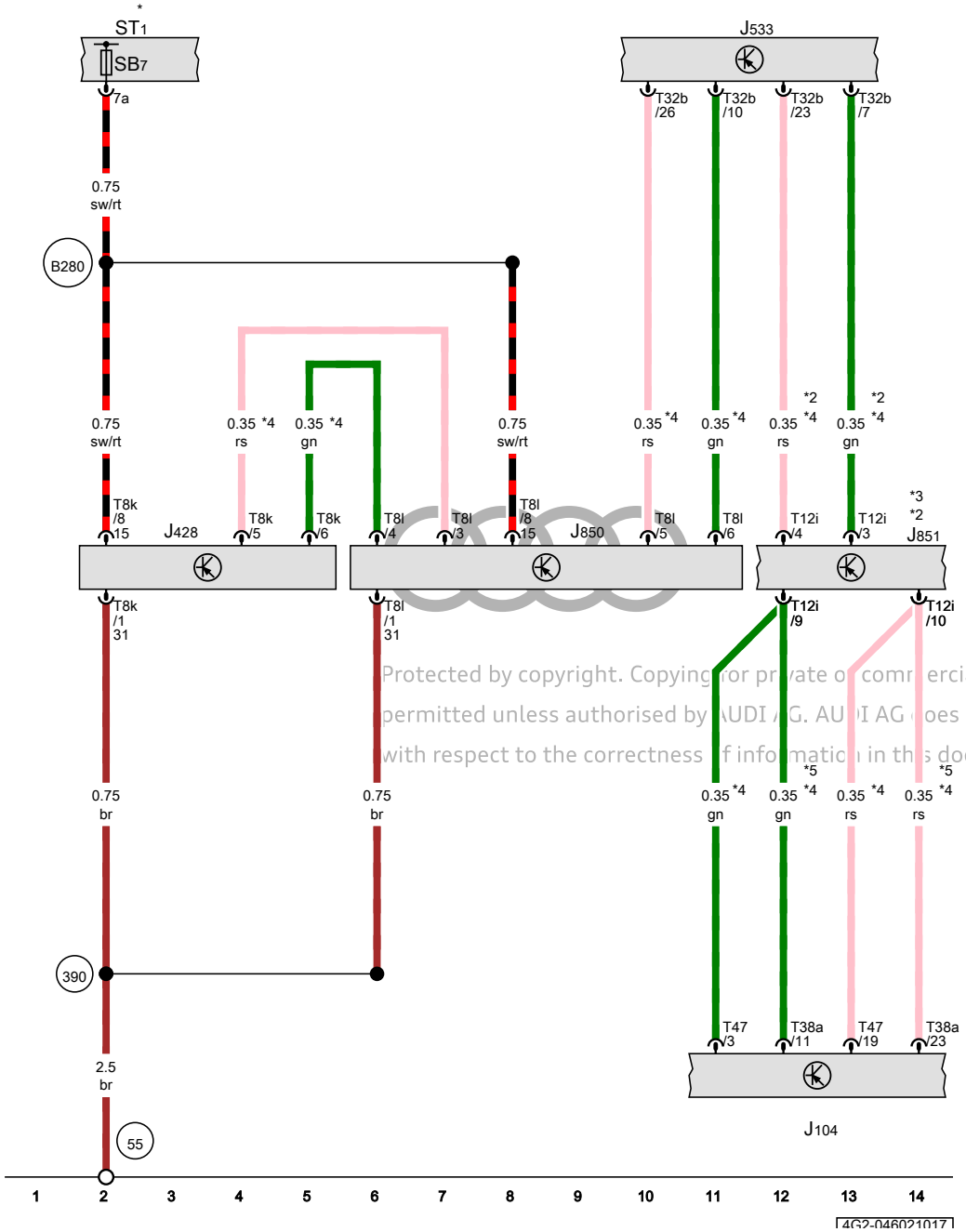
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Adaptive cruise control , (8T4)

From January 2011

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Adaptive cruise control unit, Control unit 2 for adaptive cruise control, Image processing control unit

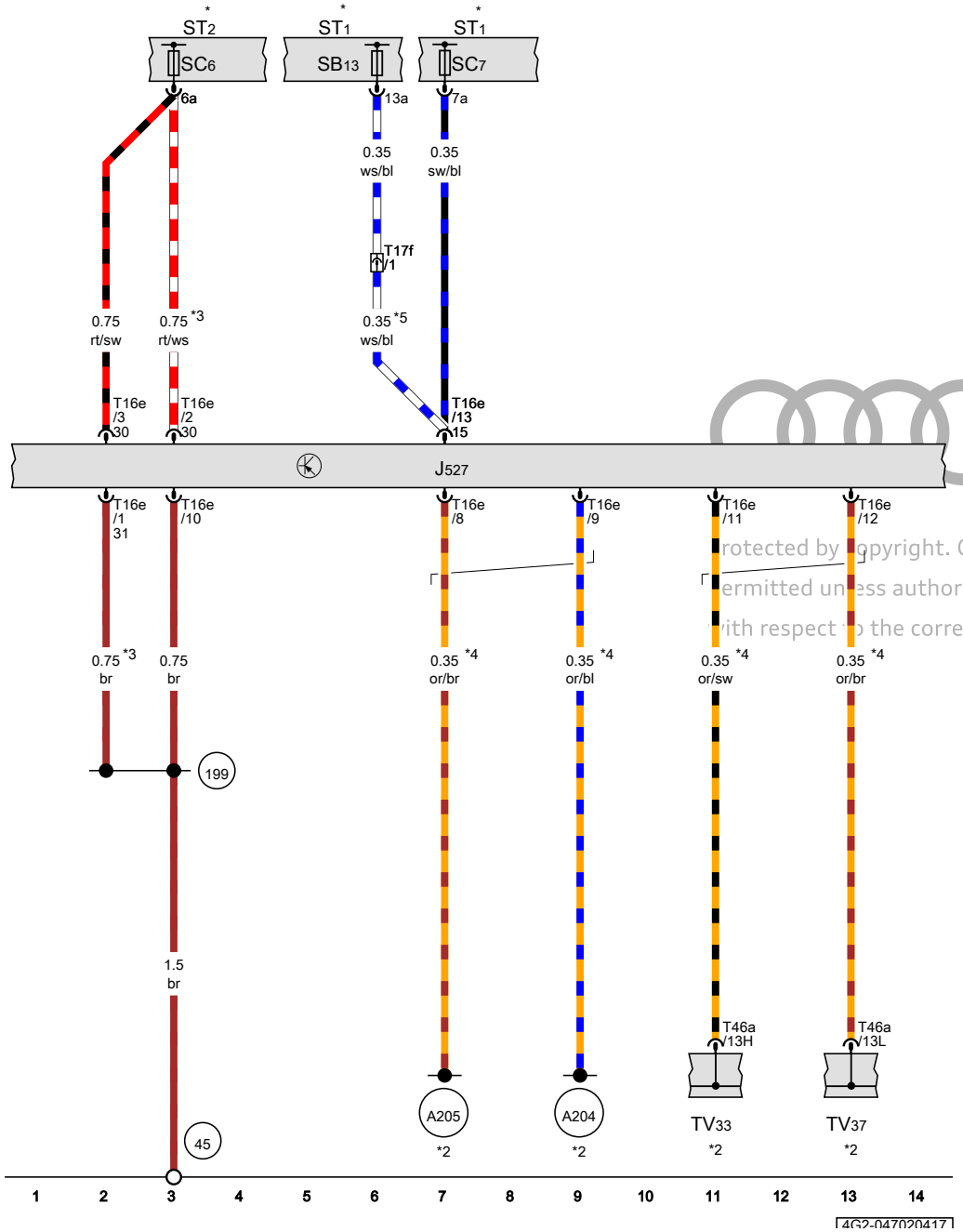
J104	ABS control unit
J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J850	Control unit 2 for adaptive cruise control
J851	Image processing control unit
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T8k	8-pin connector
T8l	8-pin connector
T12i	12-pin connector
T32b	32-pin connector
T38a	38-pin connector
T47	47-pin connector
55	Earth point, next to ABS control unit
390	Earth connection 25, in main wiring harness
B280	Positive connection 4 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	see applicable current flow diagram for front camera for driver assist systems
*4	Data bus wire (FlexRay bus)
*5	From June 2014

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Electronic steering column adjustment

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Steering column electronics control unit

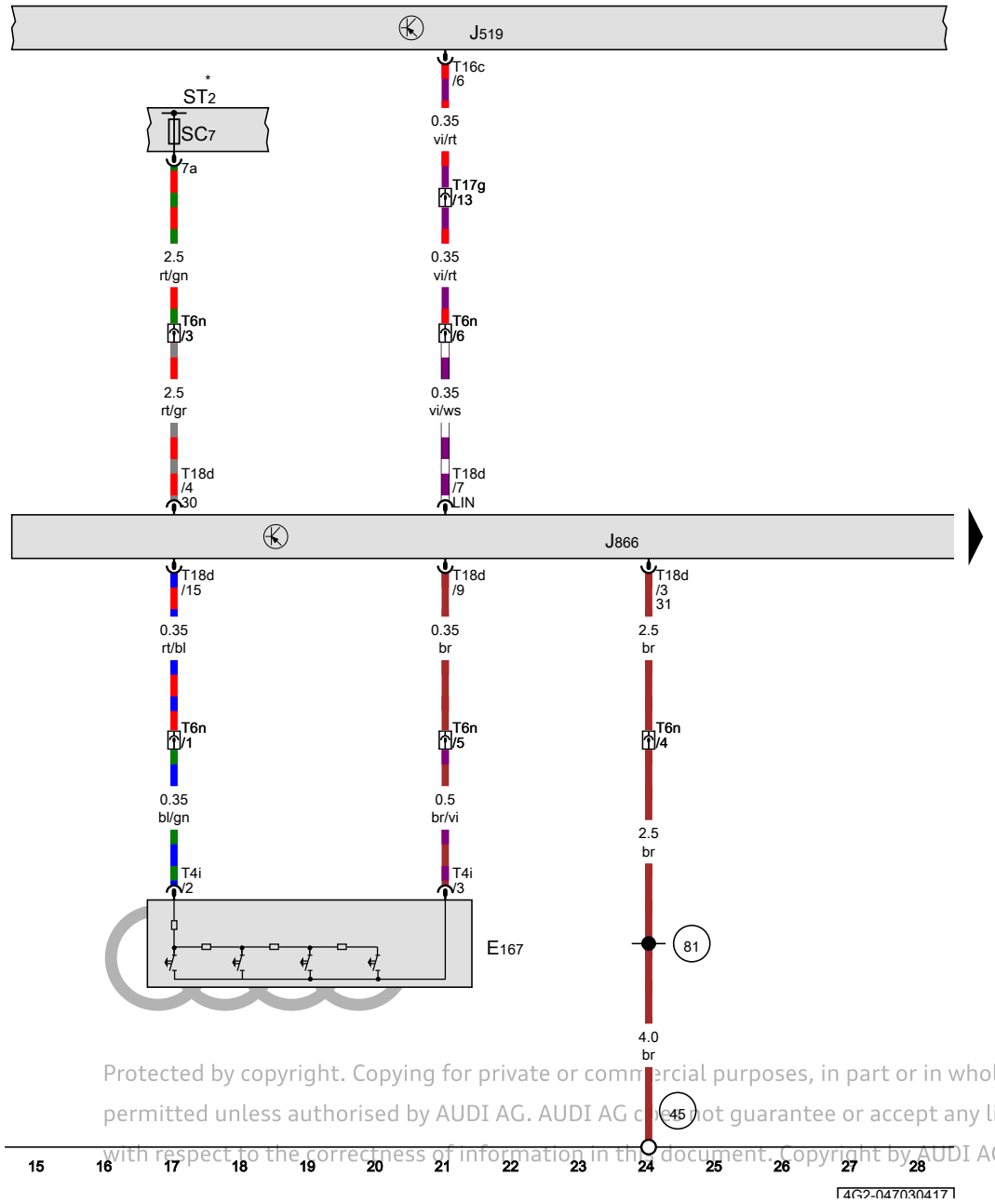
J527	Steering column electronics control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SB13	Fuse 13 on fuse holder B
T16e	16-pin connector
T17f	17-pin connector
T46a	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	For models with heated steering wheel
*4	Data bus wire (CAN bus)
*5	From June 2014

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Steering column adjustment switch, Onboard supply control unit, Control unit for electrically adjustable steering column

E167	Steering column adjustment switch
J519	Onboard supply control unit
J866	Control unit for electrically adjustable steering column
ST2	Fuse carrier 2
SC7	Fuse 7 on fuse holder C
T4i	4-pin connector
T6n	6-pin connector, behind steering column trim
T16c	16-pin connector
T17g	17-pin connector
T18d	18-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

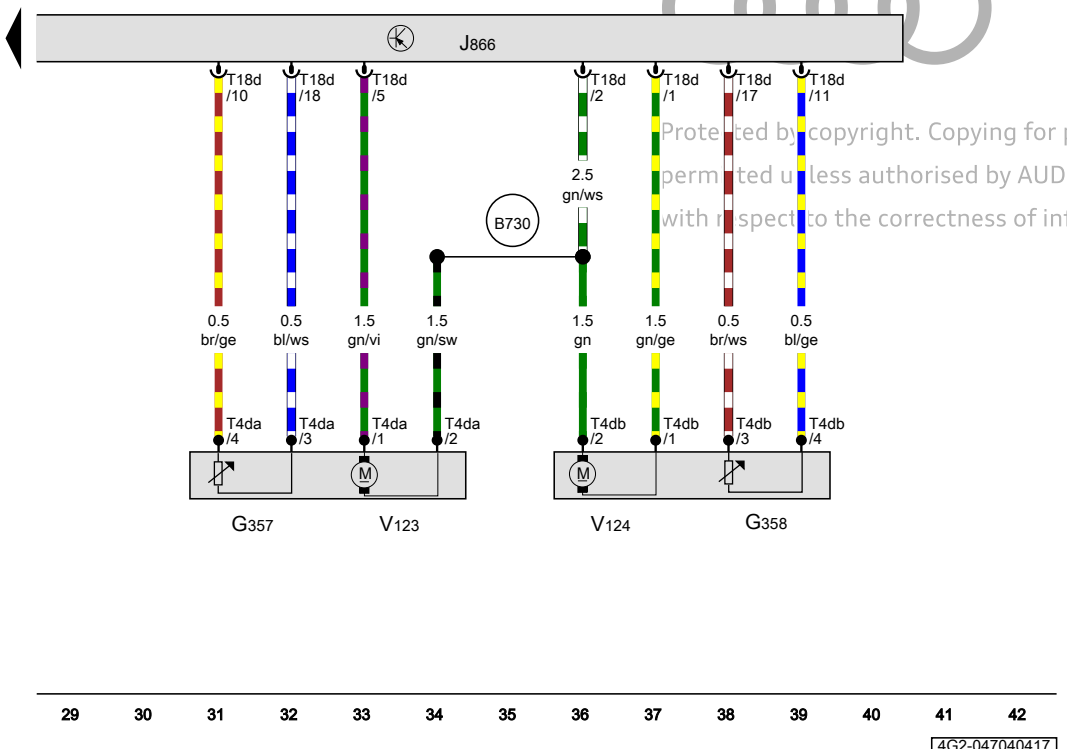


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Steering column vertical adjustment sender, Steering column axial adjustment sender, Control unit for electrically adjustable steering column, Steering column vertical adjustment motor, Steering column axial adjustment motor

G357	Steering column vertical adjustment sender
G358	Steering column axial adjustment sender
J866	Control unit for electrically adjustable steering column
T4da	4-pin connector
T4db	4-pin connector
T18d	18-pin connector
V123	Steering column vertical adjustment motor
V124	Steering column axial adjustment motor
B730	Connection, in wiring harness for steering column adjustment



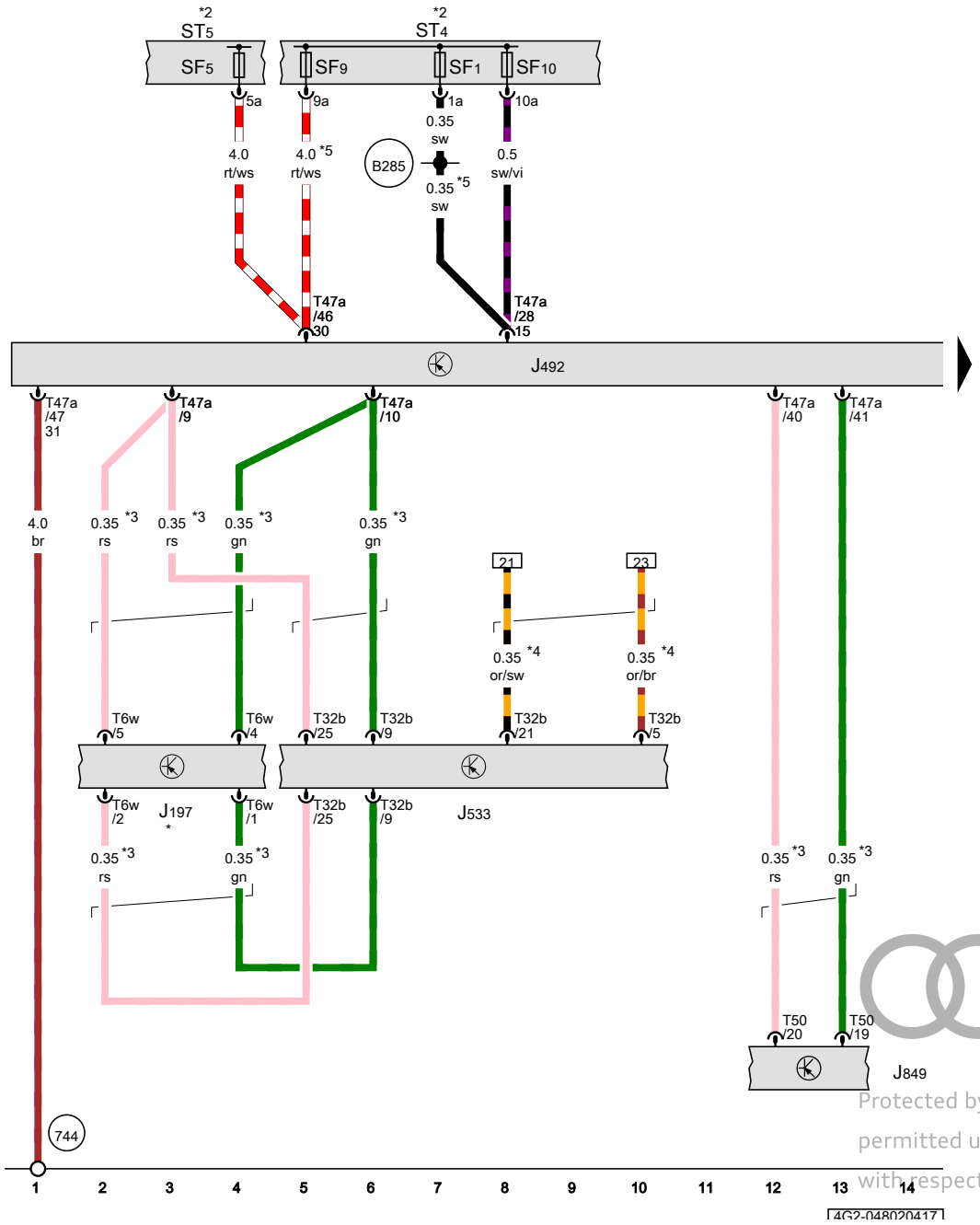
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Rear final drive - sport differential , (GH1),(GH2)

From January 2011

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Adaptive suspension control unit, All-wheel drive control unit, Data bus diagnostic interface

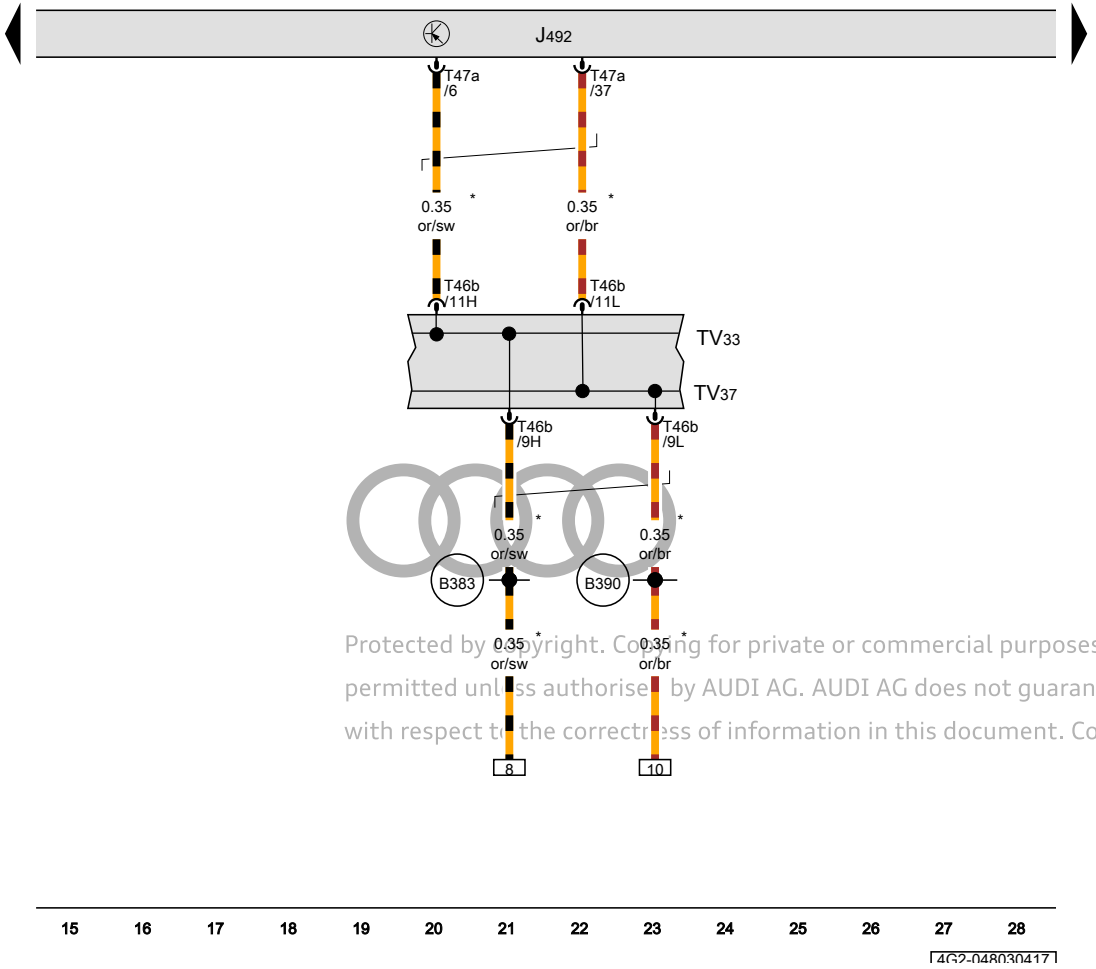
J197	Adaptive suspension control unit
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J849	Control unit for sensor electronics
SF1	Fuse 1 in fuse holder F
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
T6w	6-pin connector
T32b	32-pin connector
T47a	47-pin connector
T50	50-pin connector
744	Earth point in spare wheel well
B285	Positive connection 9 (15a) in main wiring harness
*	Only models with adaptive suspension
*2	see applicable current flow diagram for fuse assignment
*3	Data bus wire (FlexRay bus)
*4	Data bus wire (CAN bus)
*5	From June 2014

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All-wheel drive control unit

J492	All-wheel drive control unit
T46b	46-pin connector
T47a	47-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

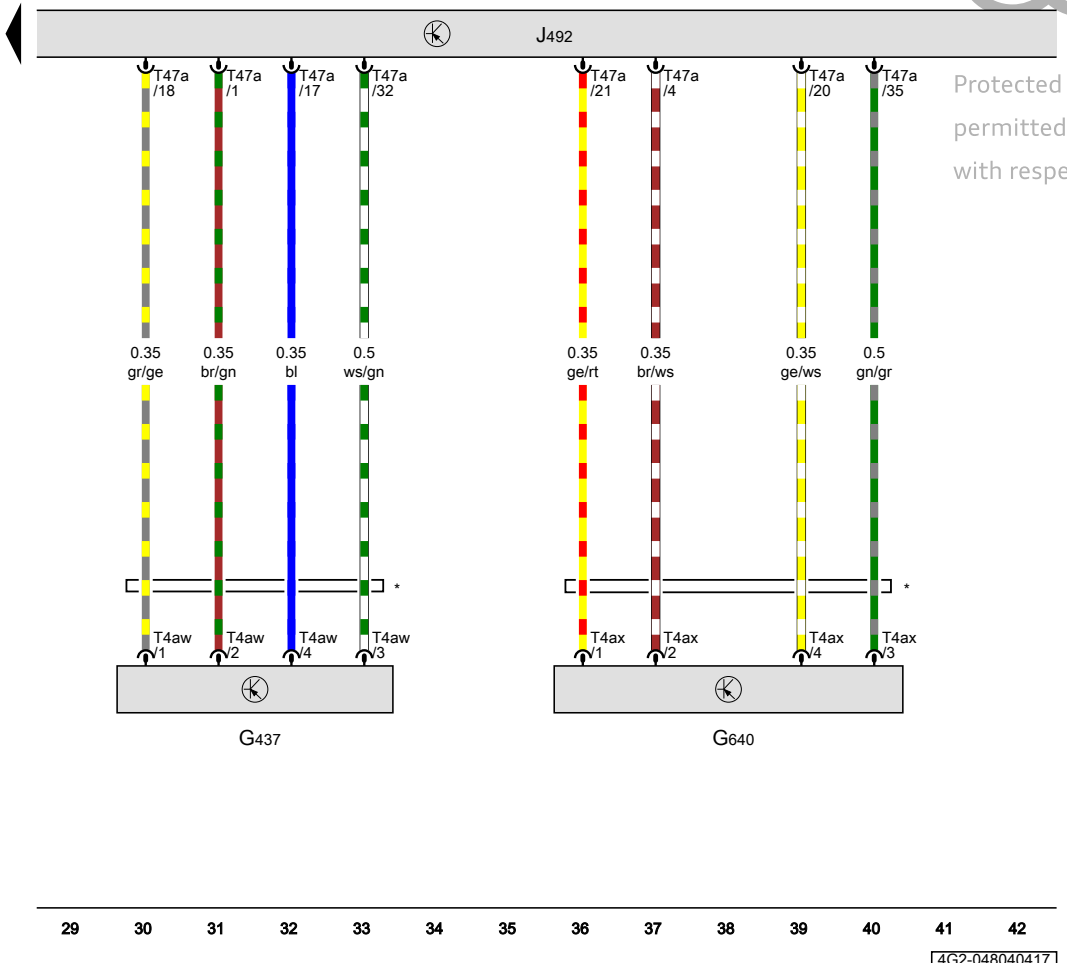


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Oil pressure and oil temperature sender, Oil pressure and oil temperature sender 2, All-wheel drive control unit

G437	Oil pressure and oil temperature sender
G640	Oil pressure and oil temperature sender 2
J492	All-wheel drive control unit
T4aw	4-pin connector
T4ax	4-pin connector
T47a	47-pin connector
*	Ferrite core



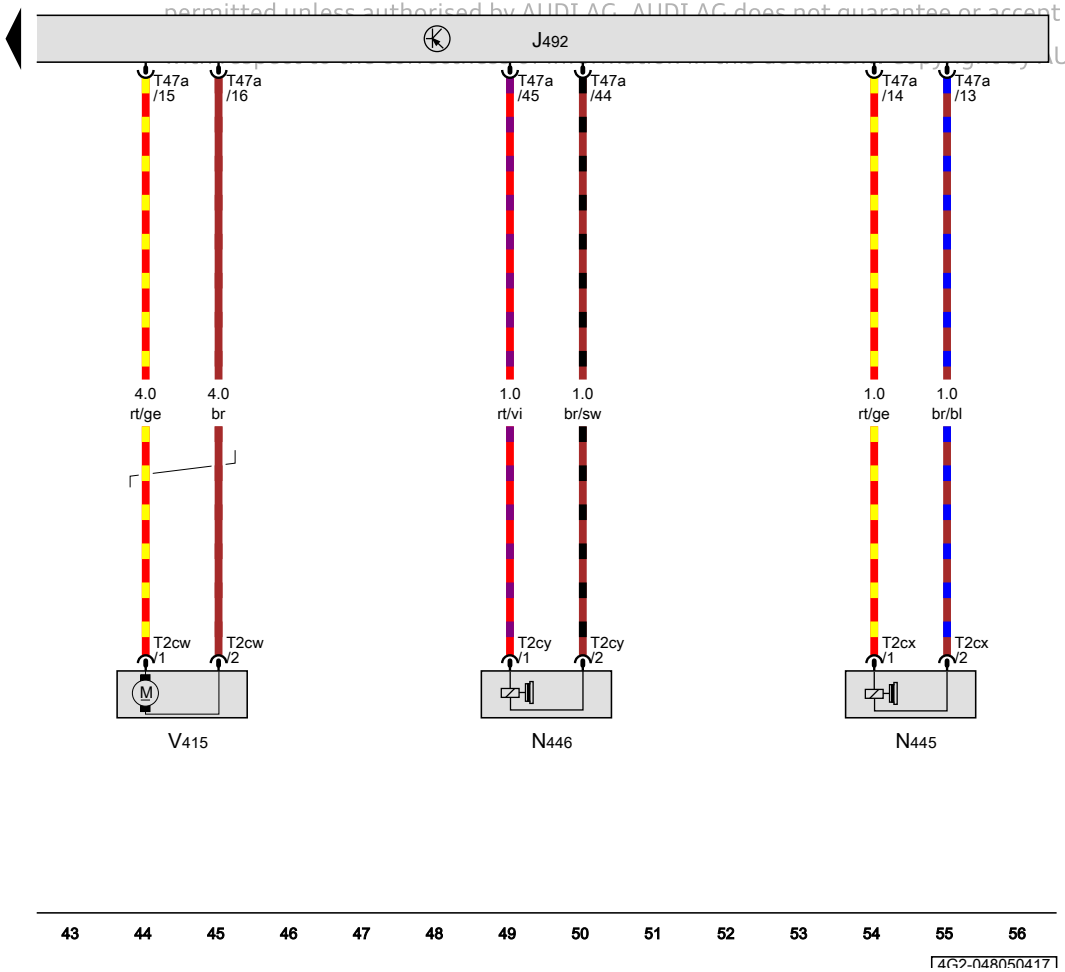
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All-wheel drive control unit, Clutch valve for all-wheel drive, Clutch valve 2 for all-wheel drive, All-wheel drive pump

J492	All-wheel drive control unit
N445	Clutch valve for all-wheel drive
N446	Clutch valve 2 for all-wheel drive
T2cw	2-pin connector
T2cx	2-pin connector
T2cy	2-pin connector
T47a	47-pin connector
V415	All-wheel drive pump

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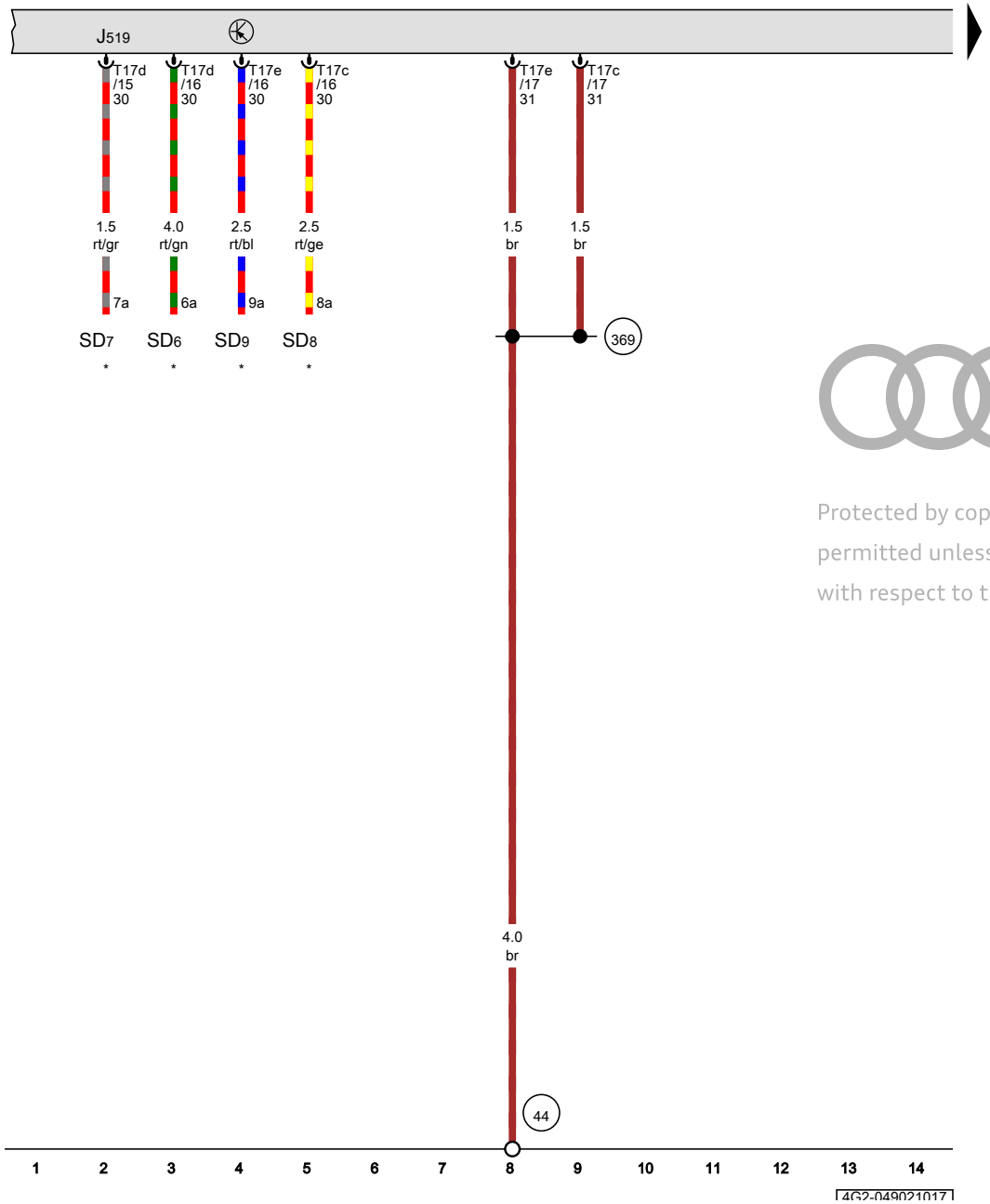


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Gas discharge headlights with automatic headlight range control

From January 2011

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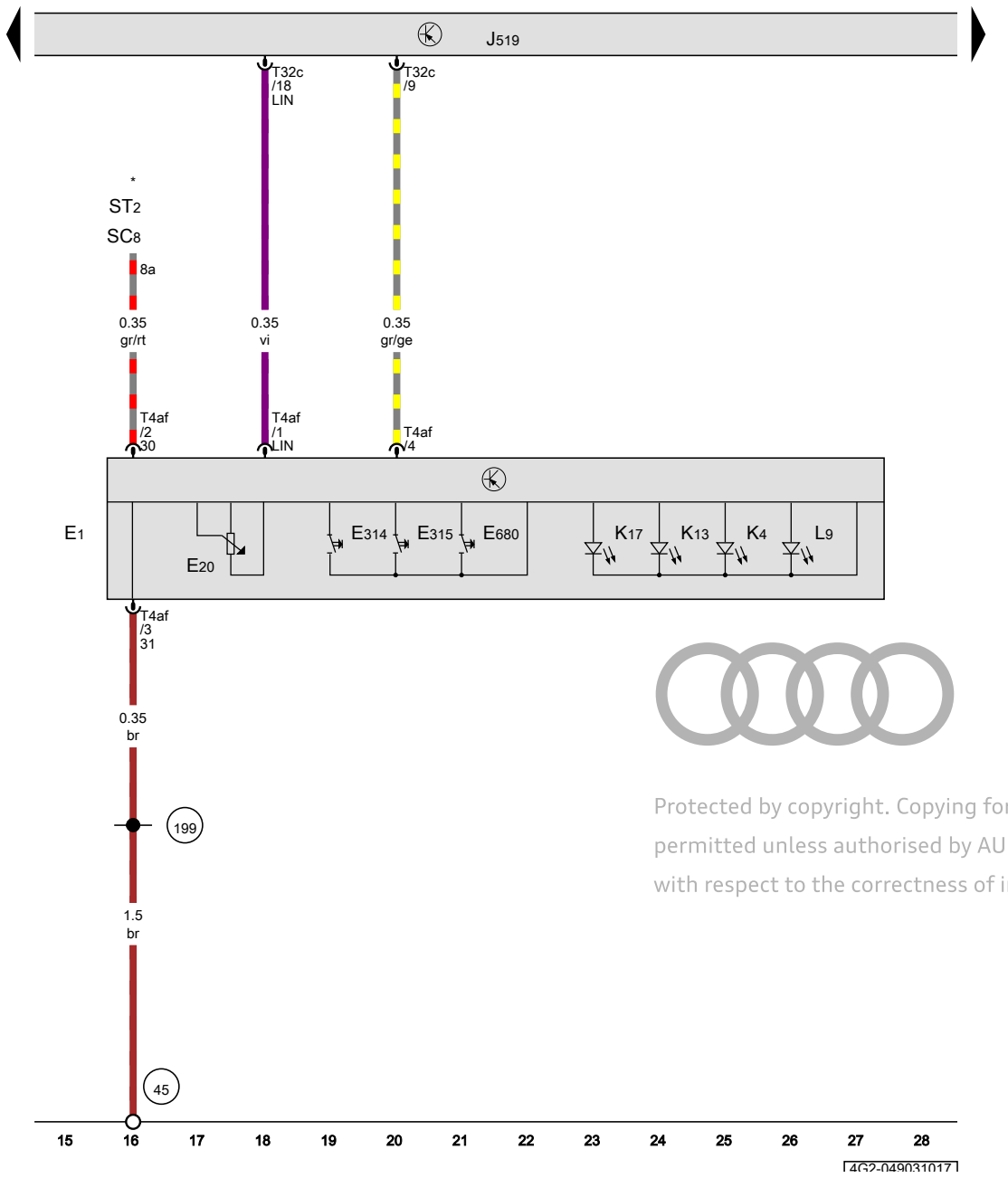


Onboard supply control unit

J519	Onboard supply control unit
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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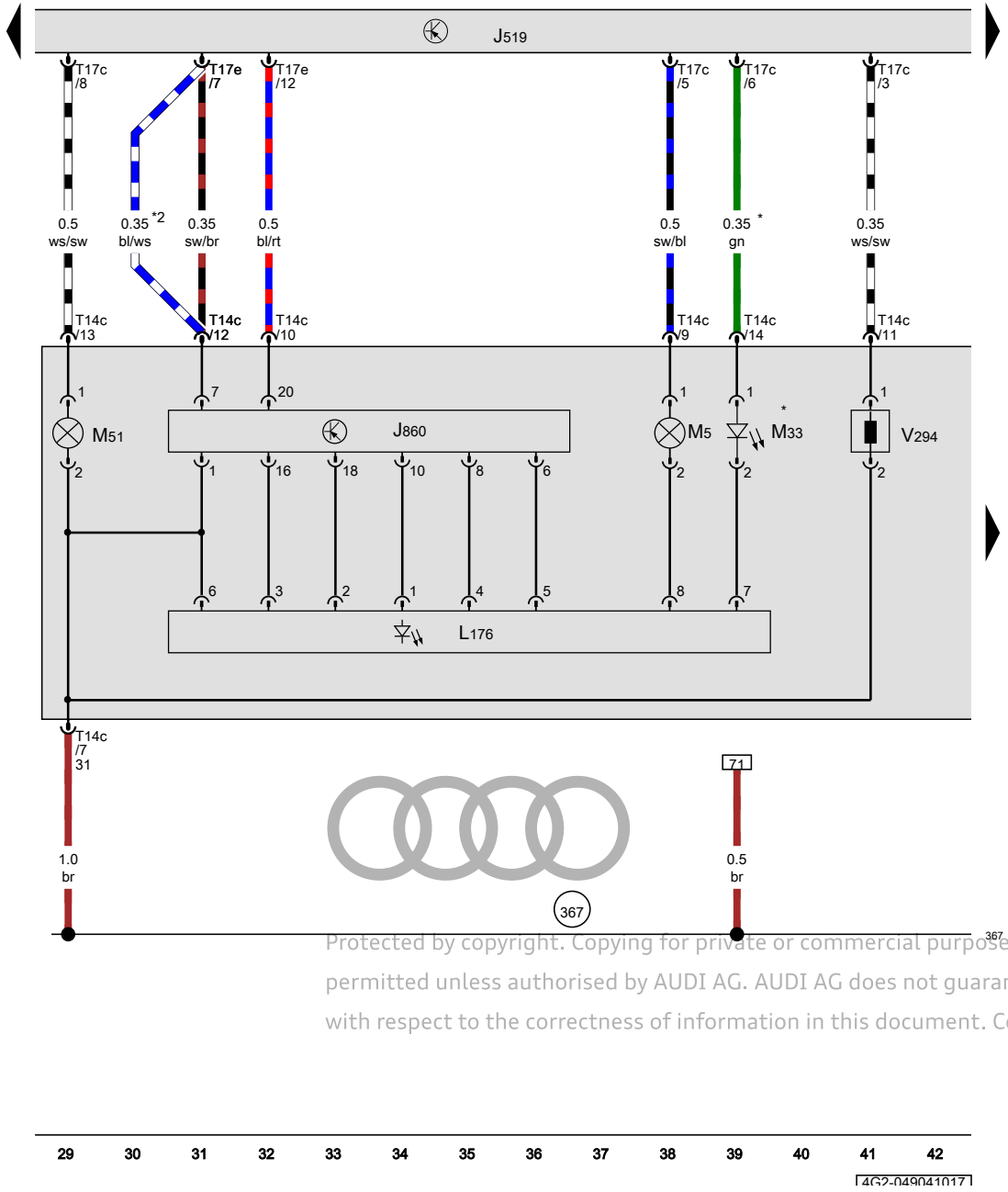


Light switch, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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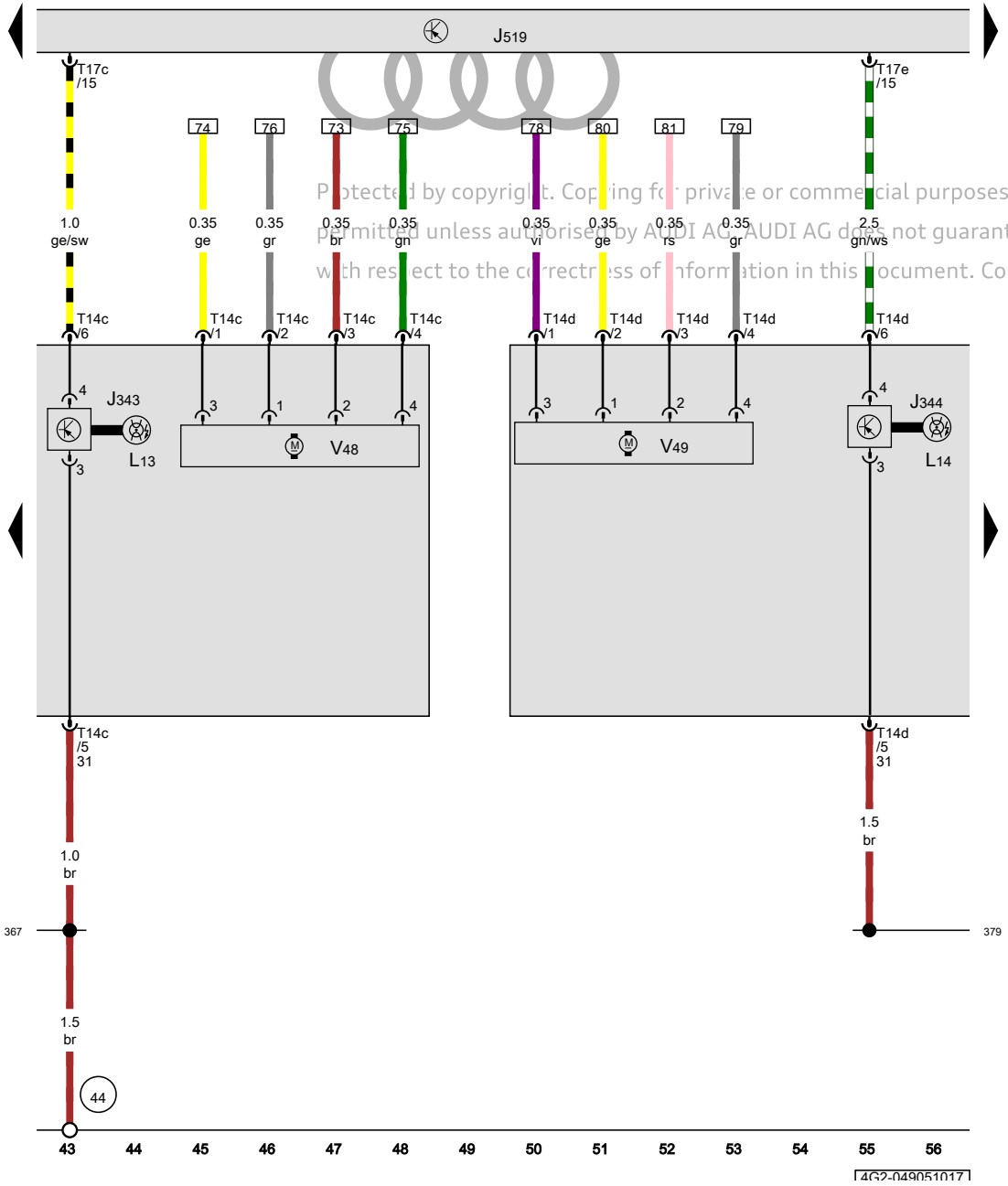


Onboard supply control unit, Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left turn signal bulb, Front left side marker bulb, Left static cornering light, Left dip beam screen motor

J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L176	Left LED module for daytime running light and side light
M5	Front left turn signal bulb
M33	Front left side marker bulb
M51	Left static cornering light
T14c	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V294	Left dip beam screen motor
367	Earth connection 2, in main wiring harness
*	For American markets
*2	From June 2011

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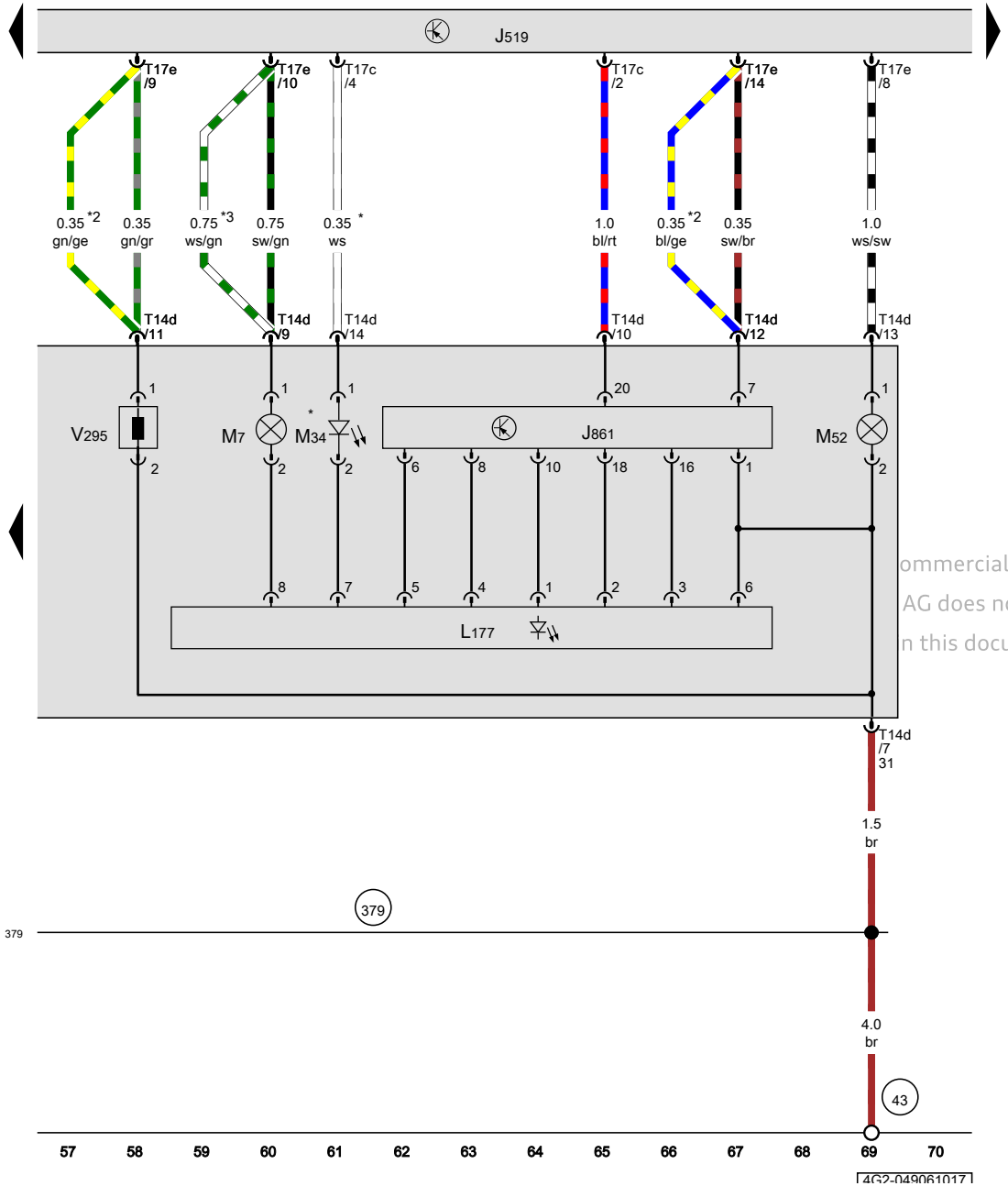
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Left gas discharge bulb control unit, Right gas discharge bulb control unit, Onboard supply control unit, Left gas discharge (xenon) bulb, Right gas discharge (xenon) bulb, Left headlight range control motor, Right headlight range control motor

J343	Left gas discharge bulb control unit
J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
L13	Left gas discharge (xenon) bulb
L14	Right gas discharge (xenon) bulb
T14c	14-pin connector
T14d	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
379	Earth connection 14, in main wiring harness

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vi	=	purple
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Onboard supply control unit, Right LED module for daytime running light and side light, Front right turn signal bulb, Front right side marker bulb, Right static cornering light, Right dip beam screen motor



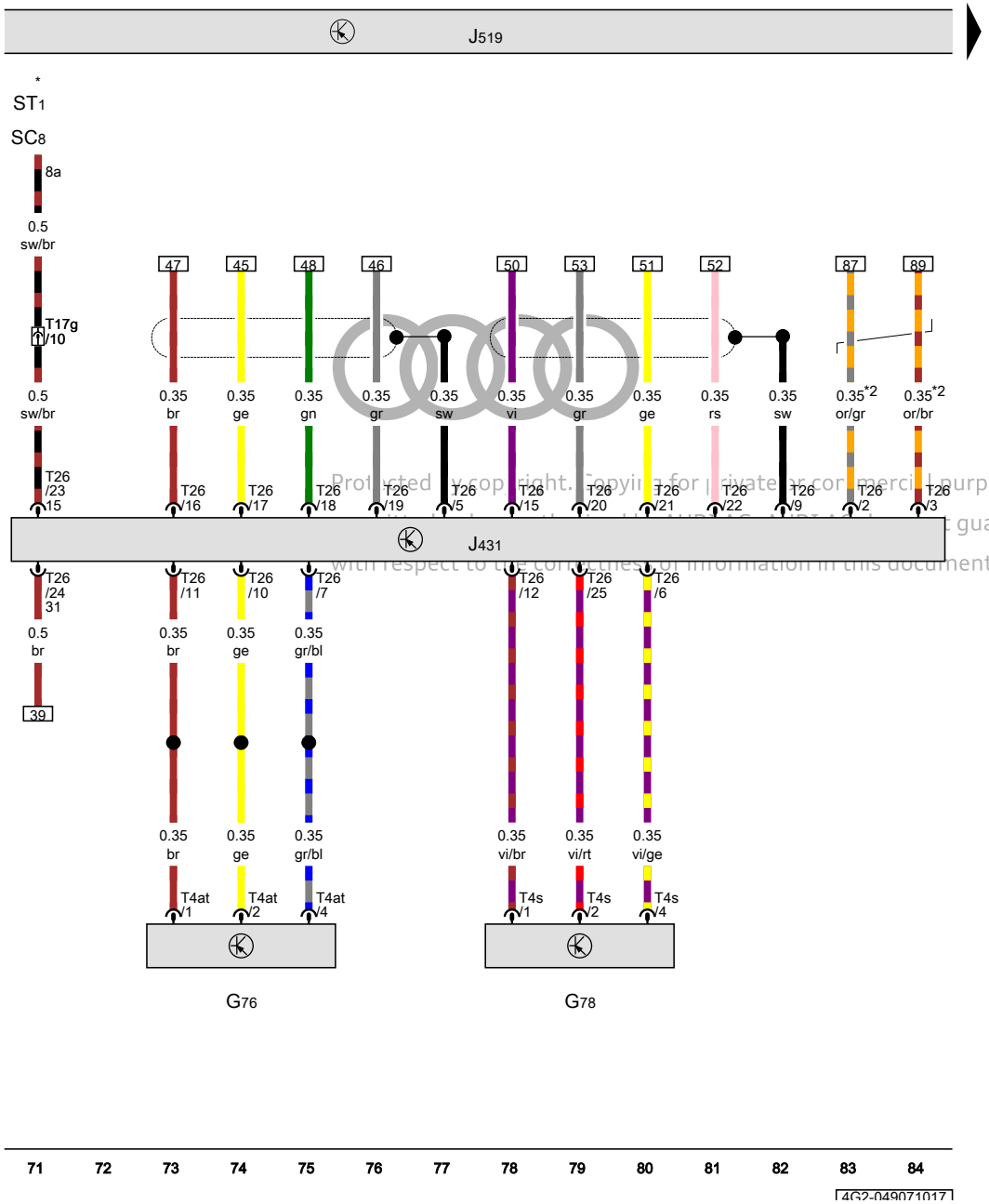
J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
L177	Right LED module for daytime running light and side light
M7	Front right turn signal bulb
M34	Front right side marker bulb
M52	Right static cornering light
T14d	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V295	Right dip beam screen motor
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
*	For American markets
*2	From June 2011
*3	gradual introduction

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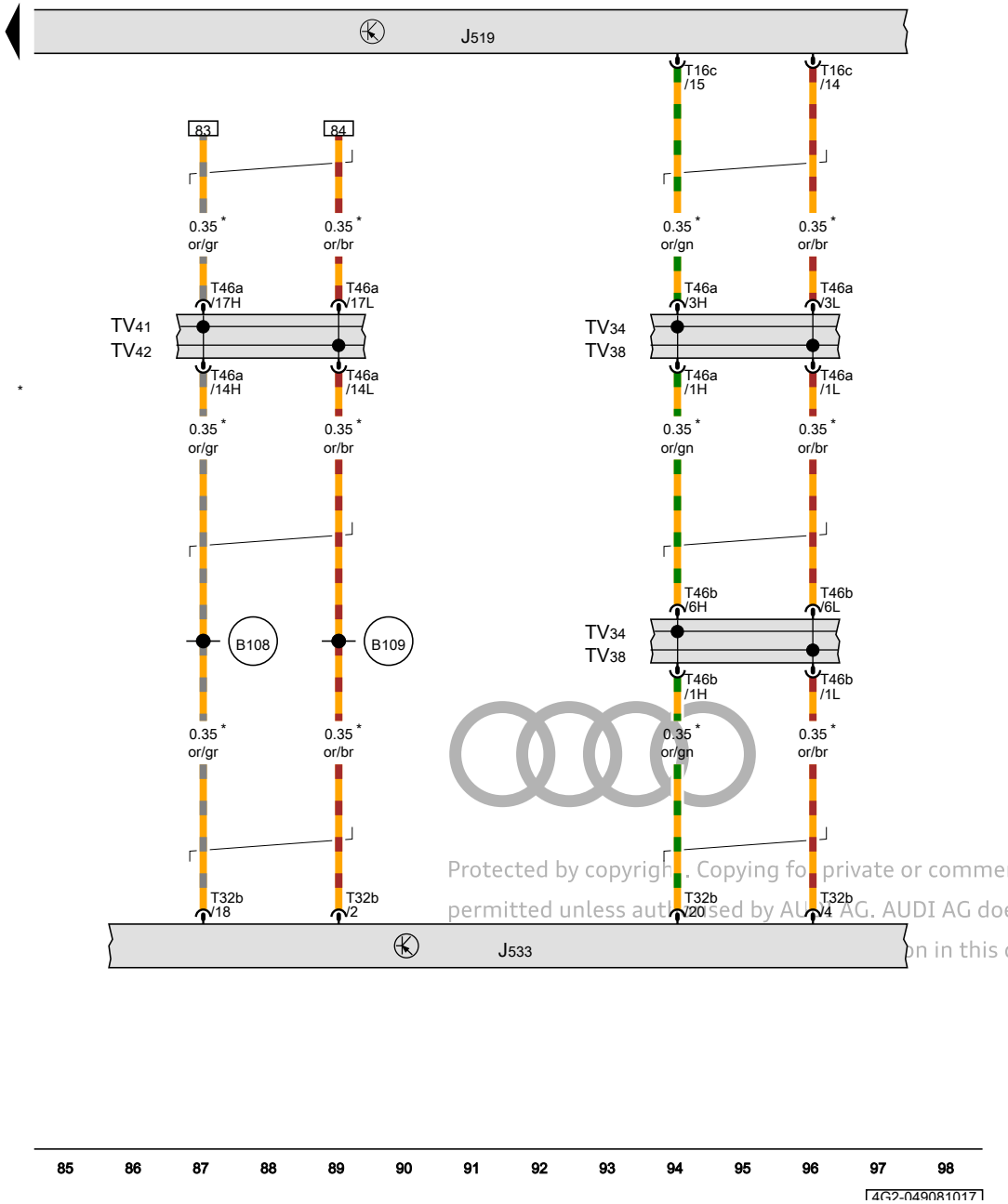
Rear left vehicle level sender, Front left vehicle level sender, Headlight range control unit, Onboard supply control unit

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J431	Headlight range control unit
J519	Onboard supply control unit
ST1	Fuse carrier 1
SC8	Fuse 8 on fuse holder C
T4at	4-pin connector
T4s	4-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T26	26-pin connector
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)



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Onboard supply control unit, Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for convenience CAN bus, low, Wiring junction for CAN bus extended high, Wiring junction for CAN bus extended low

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	Data bus wire (CAN bus)

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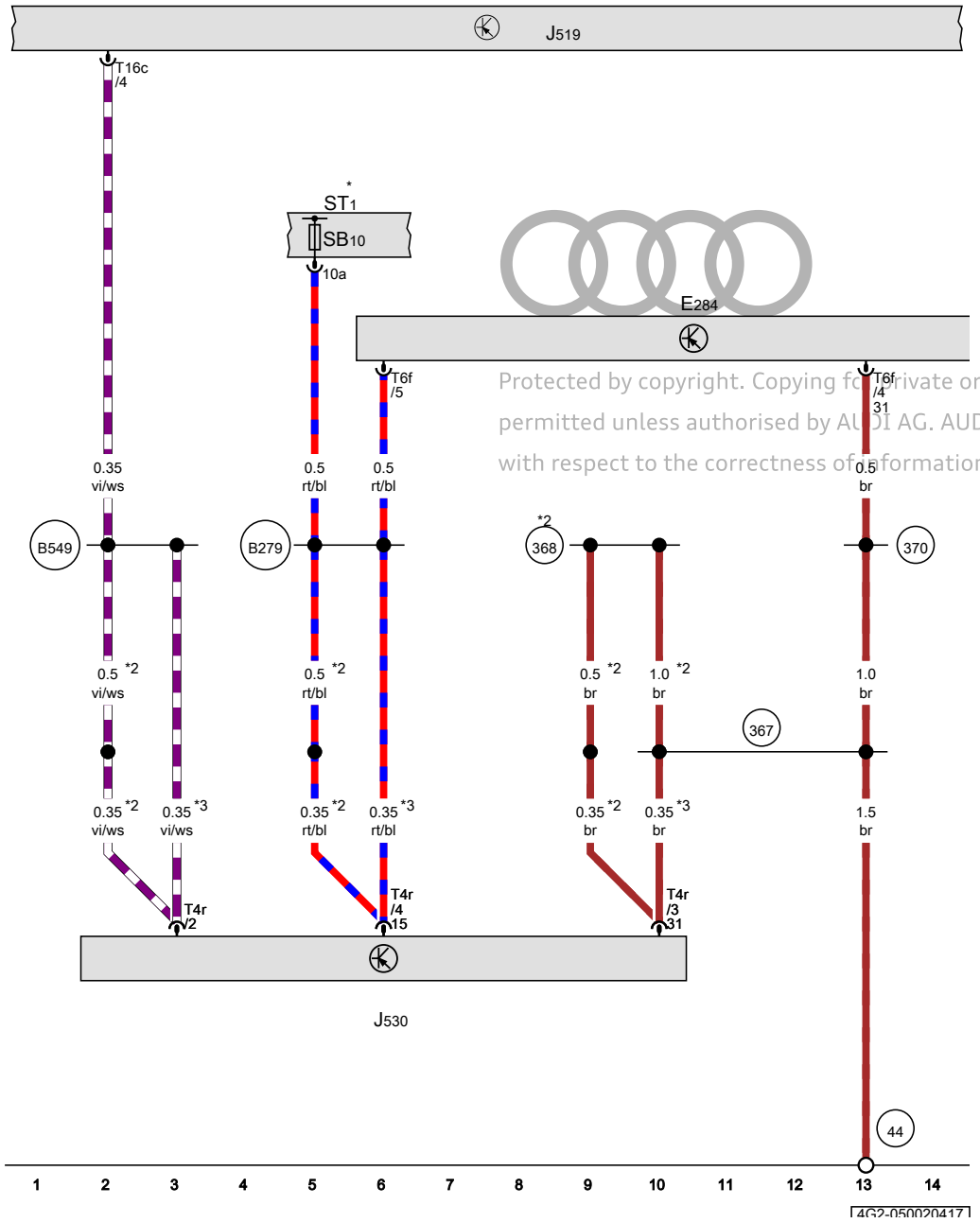
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Garage door opener , (VC1),(VC2)

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Garage door operating unit, Garage door operation control unit



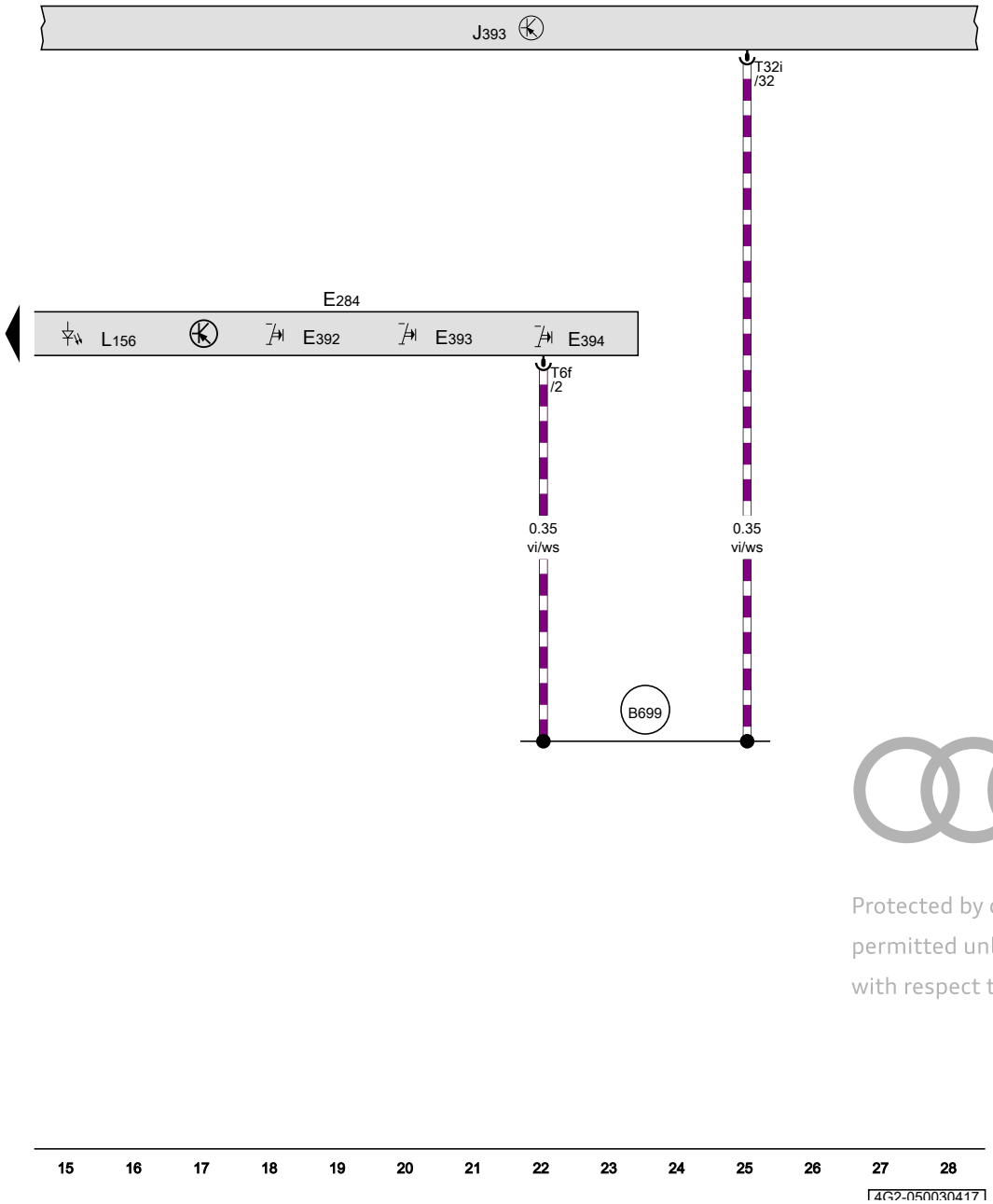
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E284	Garage door operating unit
J519	Onboard supply control unit
J530	Garage door operation control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4r	4-pin connector
T6f	6-pin connector
T16c	16-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	gradual introduction

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Garage door operating unit, Garage door opener button 1

E284	Garage door operating unit
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
J393	Convenience system central control unit
L156	Switch illumination bulb
T6f	6-pin connector
T32i	32-pin connector
B699	Connection 4 (LIN bus) in main wiring harness



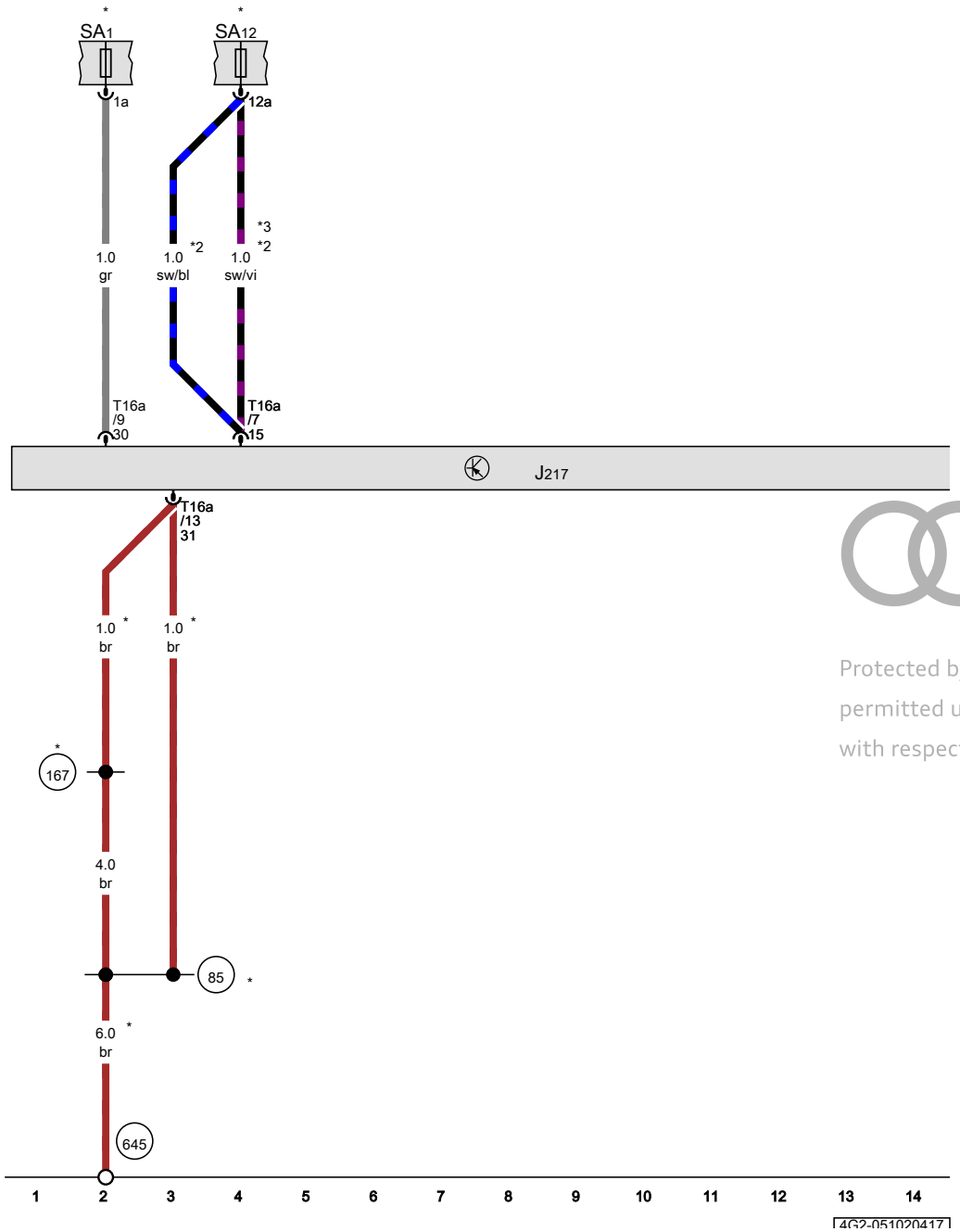
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multitronic 0AW (continuously variable automatic transmission) , (G0Z)

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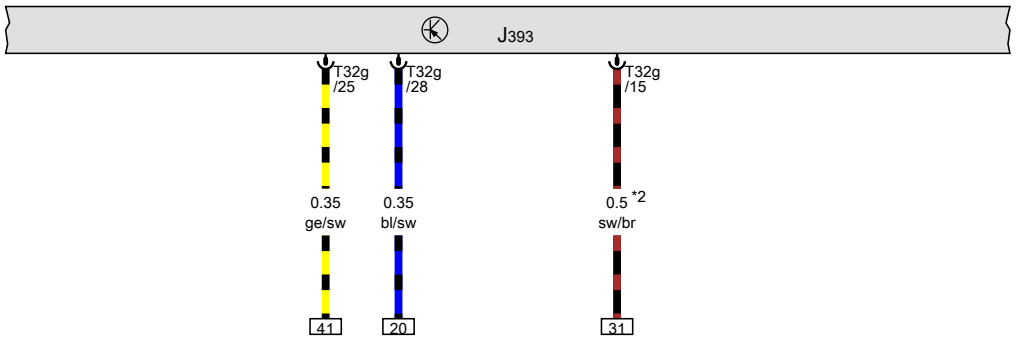
Automatic gearbox control unit

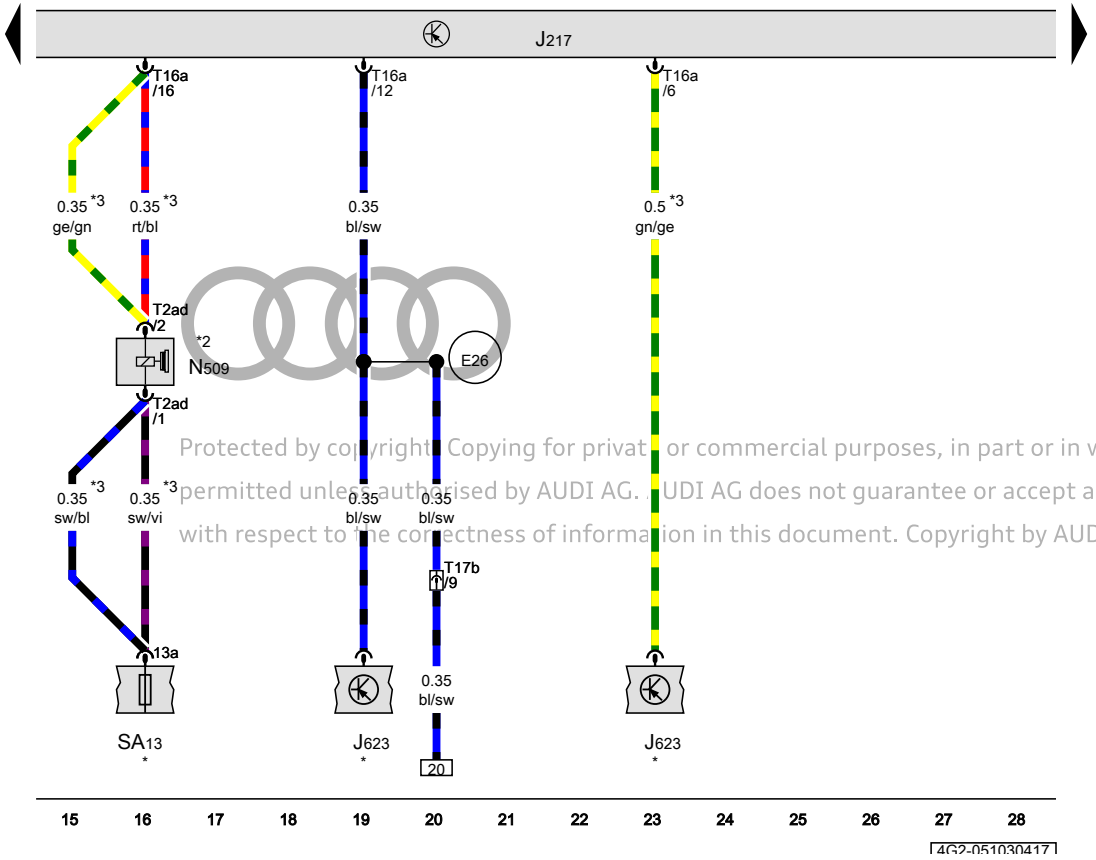
J217	Automatic gearbox control unit
SA1	Fuse 1 on fuse holder A
SA12	Fuse 12 on fuse holder A
T16a	16-pin connector
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment
*3	Cross section depends on equipment

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Automatic gearbox control unit, Gearbox oil cooling valve

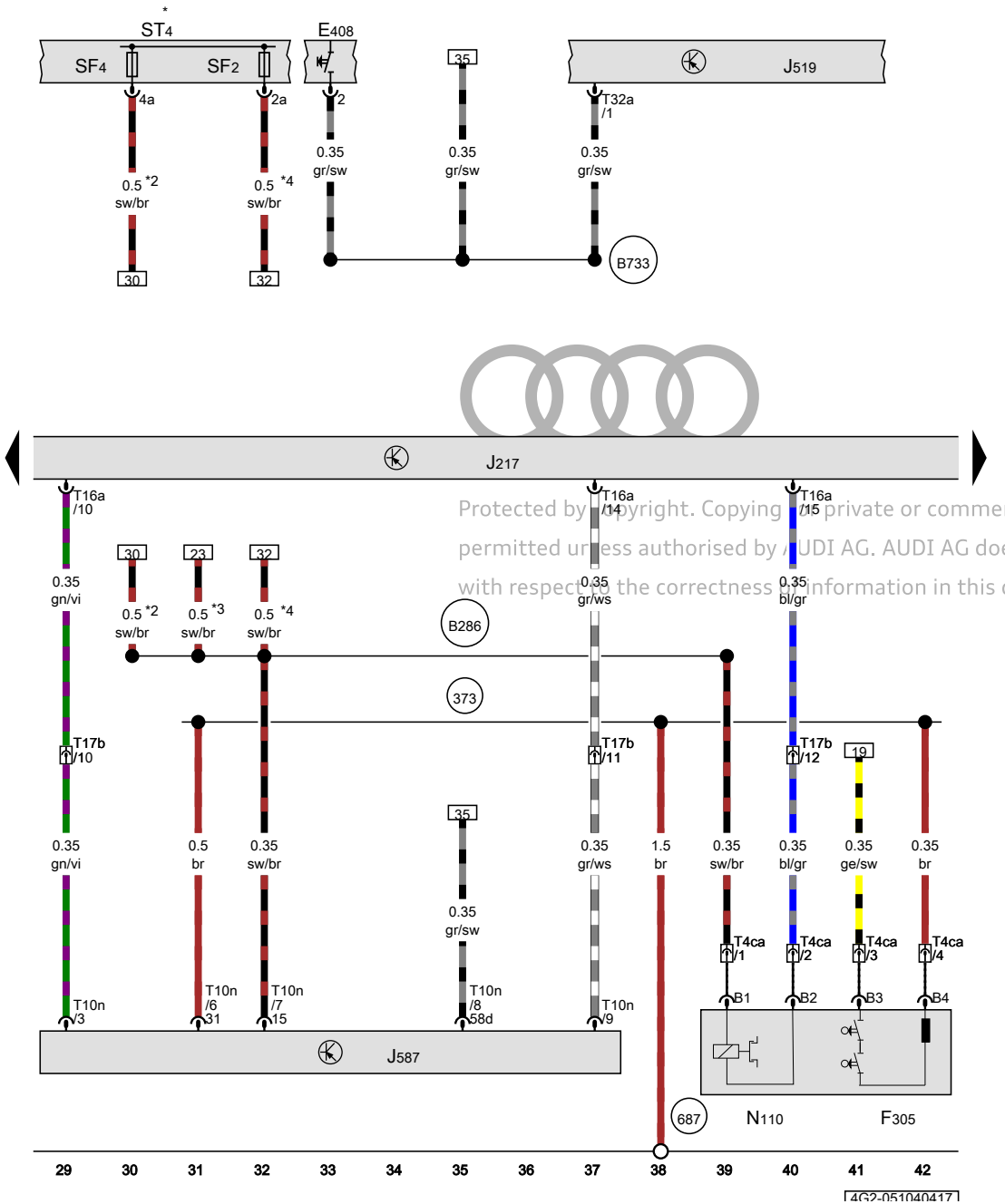




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J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
N509	Gearbox oil cooling valve
SA13	Fuse 13 on fuse holder A
T2ad	2-pin connector
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T32g	32-pin connector
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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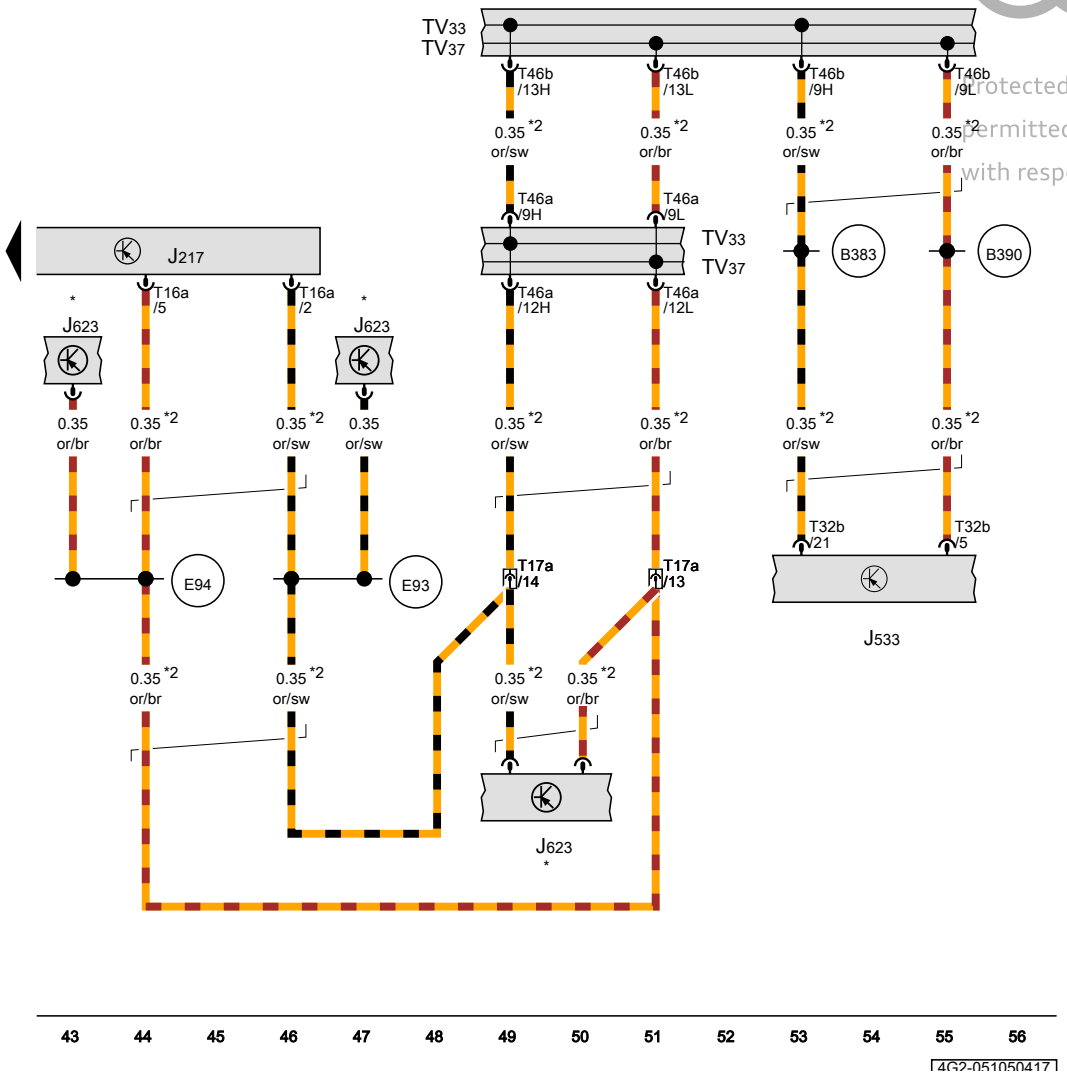
Gear selector position P switch, Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit

E408	Entry and start authorisation button
F305	Gear selector position P switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
N110	Selector lever lock solenoid
SF2	Fuse 2 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T4ca	4-pin connector
T10n	10-pin connector
T16a	16-pin connector
T17b	17-pin connector
T32a	32-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B286	Positive connection 10 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to May 2014
*3	According to equipment
*4	From June 2014

Automatic gearbox control unit, Wiring junction for powertrain CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Data bus wire (CAN bus)

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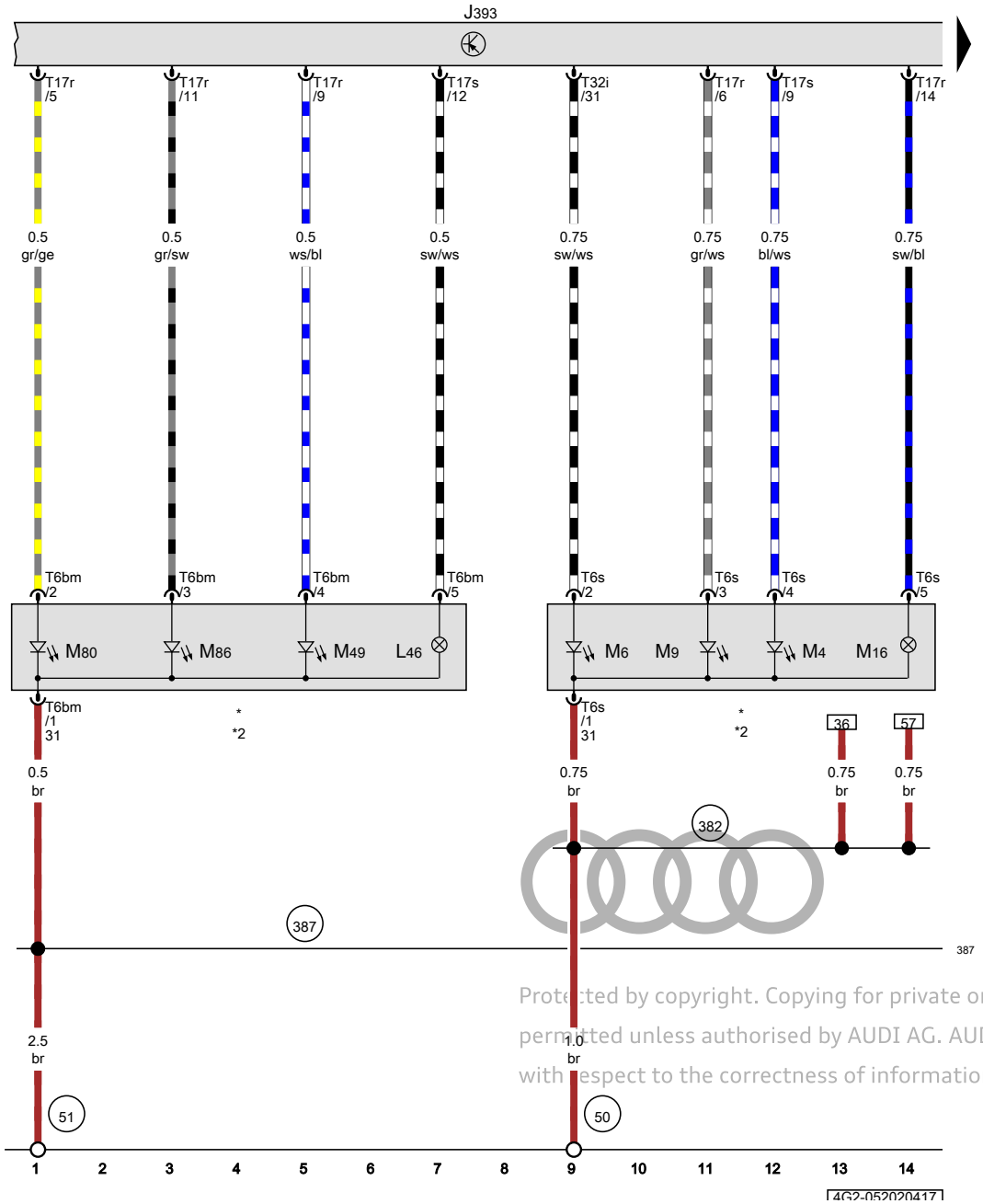
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Tail light cluster with LED

From January 2011

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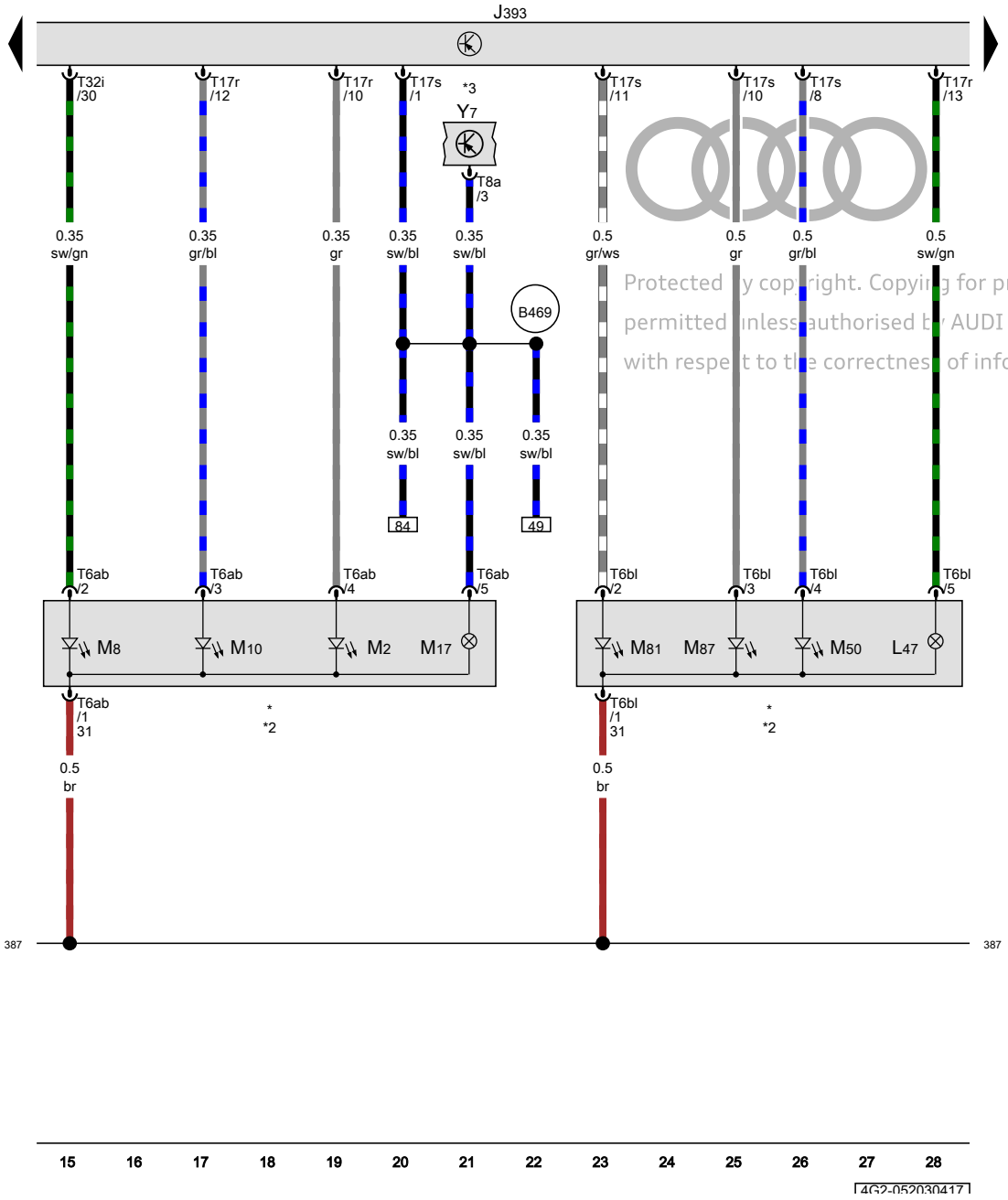
Convenience system central control unit, Bulb 2 for rear left turn signal, Left brake light bulb 2



J393	Convenience system central control unit
L46	Rear left fog light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M86	Left brake light bulb 2
T6bm	6-pin connector
T6s	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
50	Earth point, on left in luggage compartment
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
387	Earth connection 22, in main wiring harness
*	Saloon
*2	Not for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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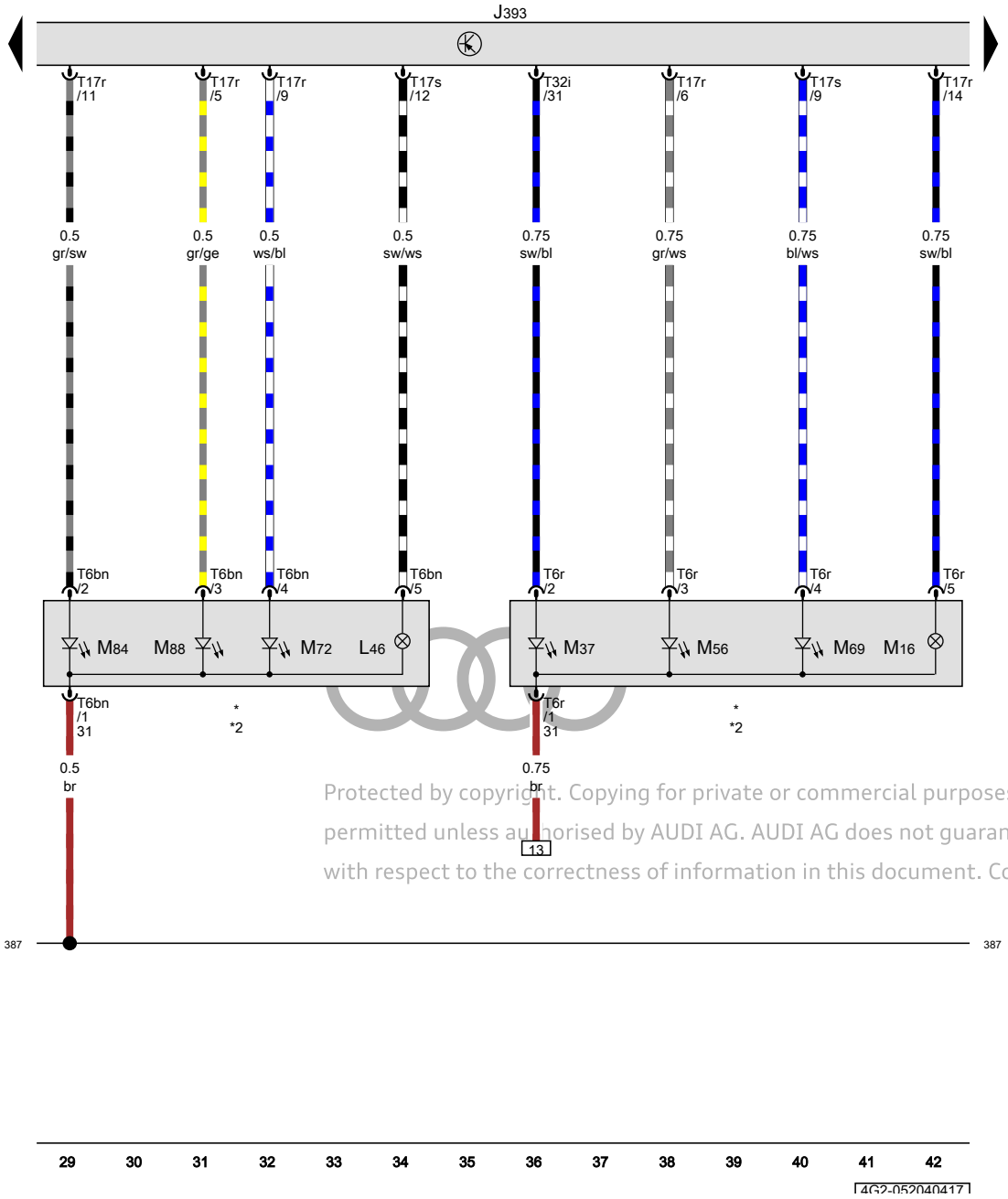
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Convenience system central control unit, Rear right fog light bulb, Right tail light bulb 2, Bulb 2 for rear right turn signal, Right brake light bulb 2

J393	Convenience system central control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6ab	6-pin connector
T6bl	6-pin connector
T8a	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
Y7	Automatic anti-dazzle interior mirror
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
*	Saloon
*2	Not for American markets
*3	see applicable current flow diagram for basic equipment

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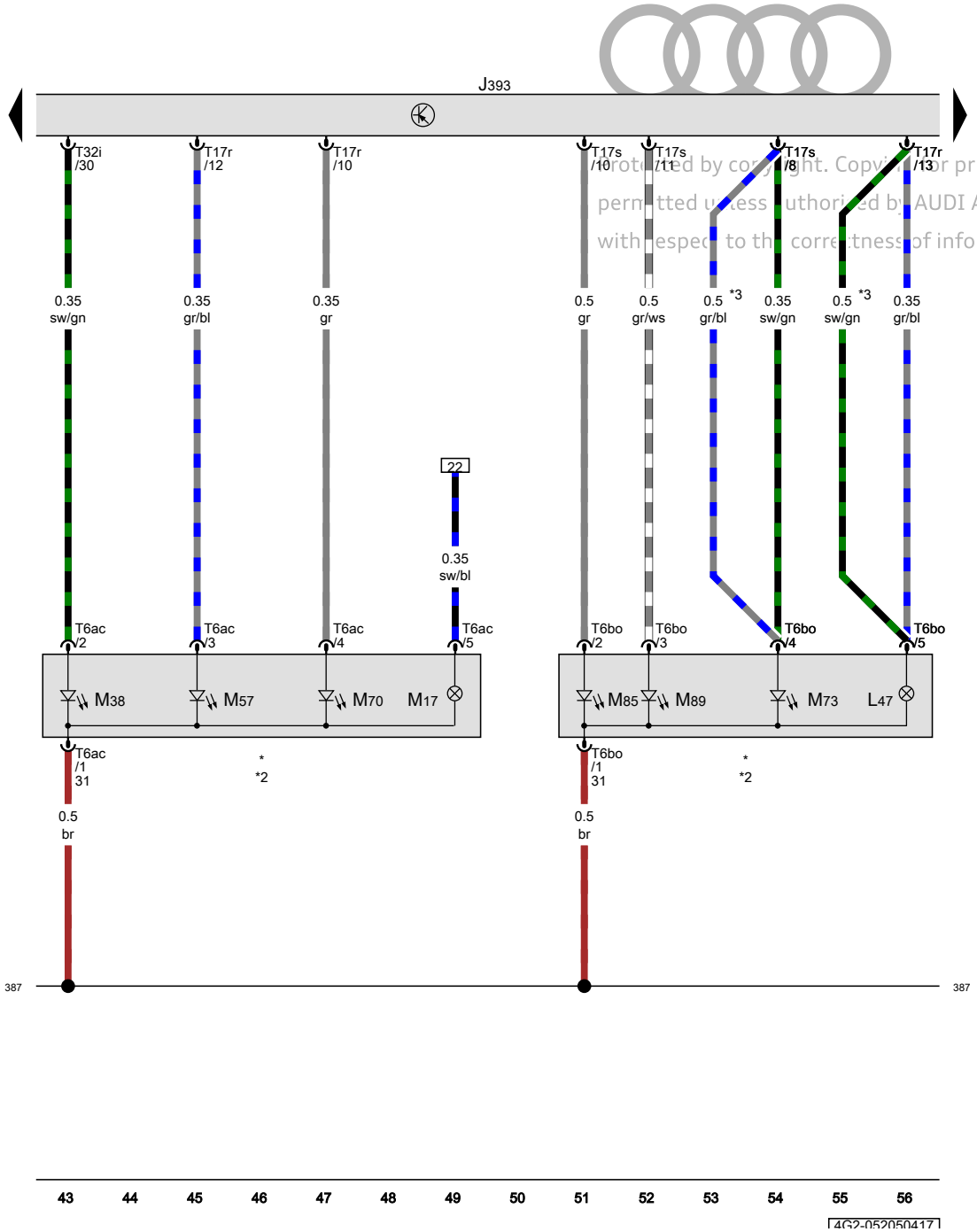
Convenience system central control unit, Rear left fog light bulb, Rear left side marker bulb, Left brake, turn signal and tail light bulb, Bulb 2 for left brake, turn signal and tail light, Left brake and turn signal bulb 2



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J393	Convenience system central control unit
L46	Rear left fog light bulb
M16	Left reversing light bulb
M37	Rear left side marker bulb
M56	Left brake and turn signal bulb
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M84	Left brake and turn signal bulb 2
M88	Left brake and turn signal bulb 3
T6bn	6-pin connector
T6r	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Saloon
*2	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



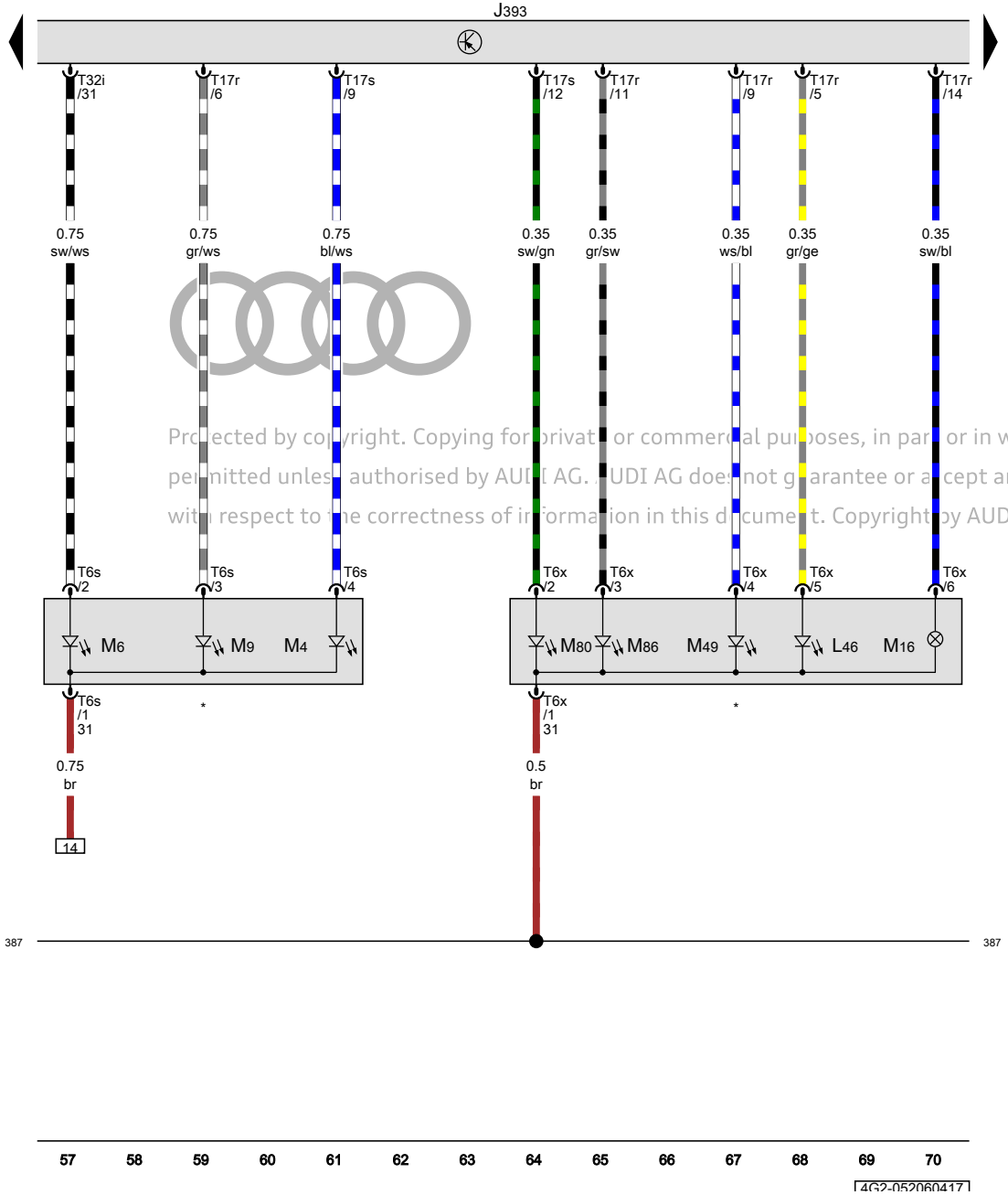
Convenience system central control unit, Rear right side marker bulb

J393	Convenience system central control unit
L47	Rear right fog light bulb
M17	Right reversing light bulb
M38	Rear right side marker bulb
M57	Right brake and turn signal bulb
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M85	Right brake and turn signal bulb 2
M89	Right brake and turn signal bulb 3
T6ac	6-pin connector
T6bo	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Saloon
*2	Only for American markets
*3	From June 2011

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
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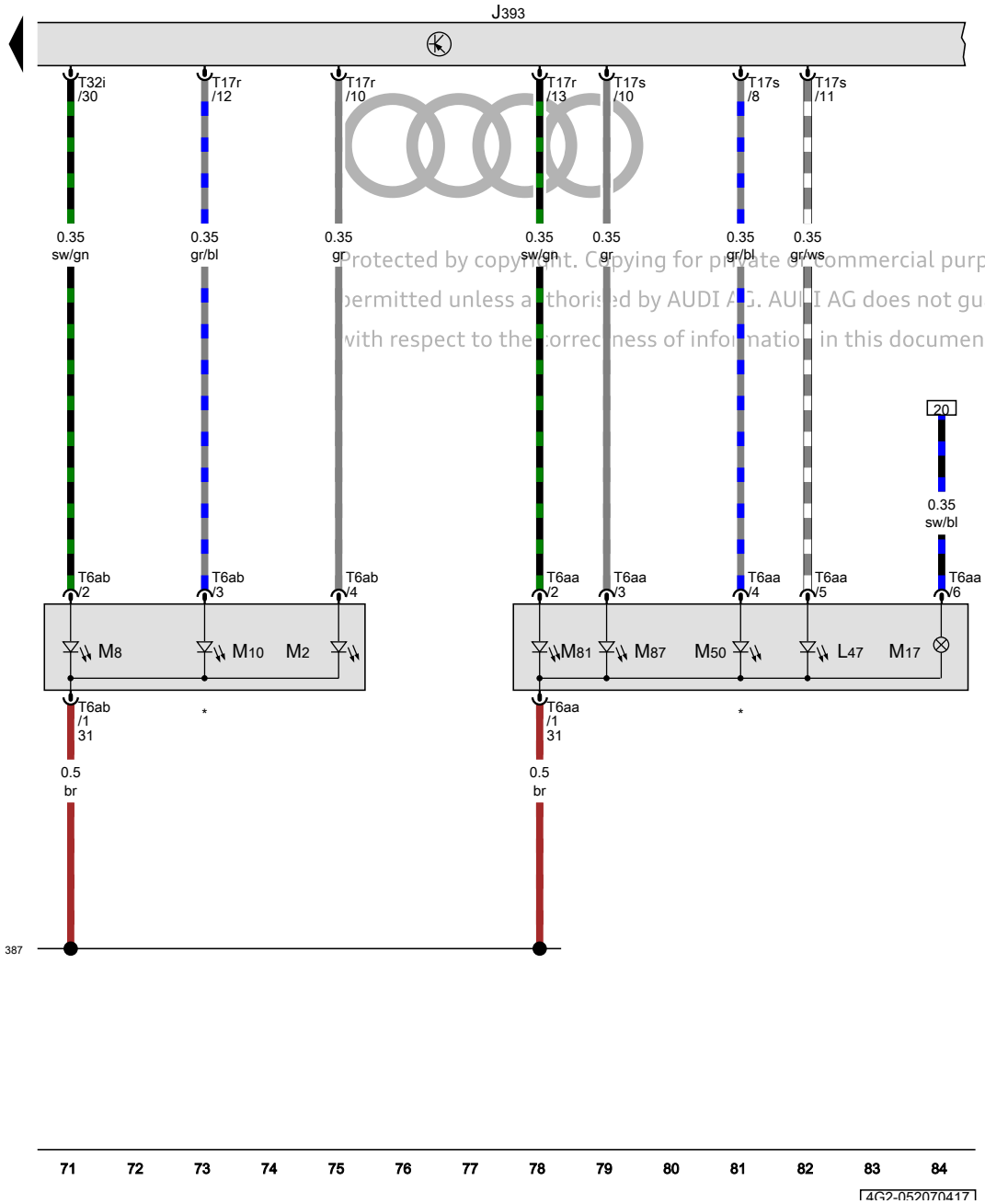
Convenience system central control unit, Left tail light bulb 2, Bulb 2 for rear left turn signal, Left brake light bulb 2



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J393	Convenience system central control unit
L46	Rear left fog light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M86	Left brake light bulb 2
T6s	6-pin connector
T6x	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Avant

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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vi	=	purple
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Convenience system central control unit, Right reversing light bulb, Right tail light bulb 2, Bulb 2 for rear right turn signal, Right brake light bulb 2

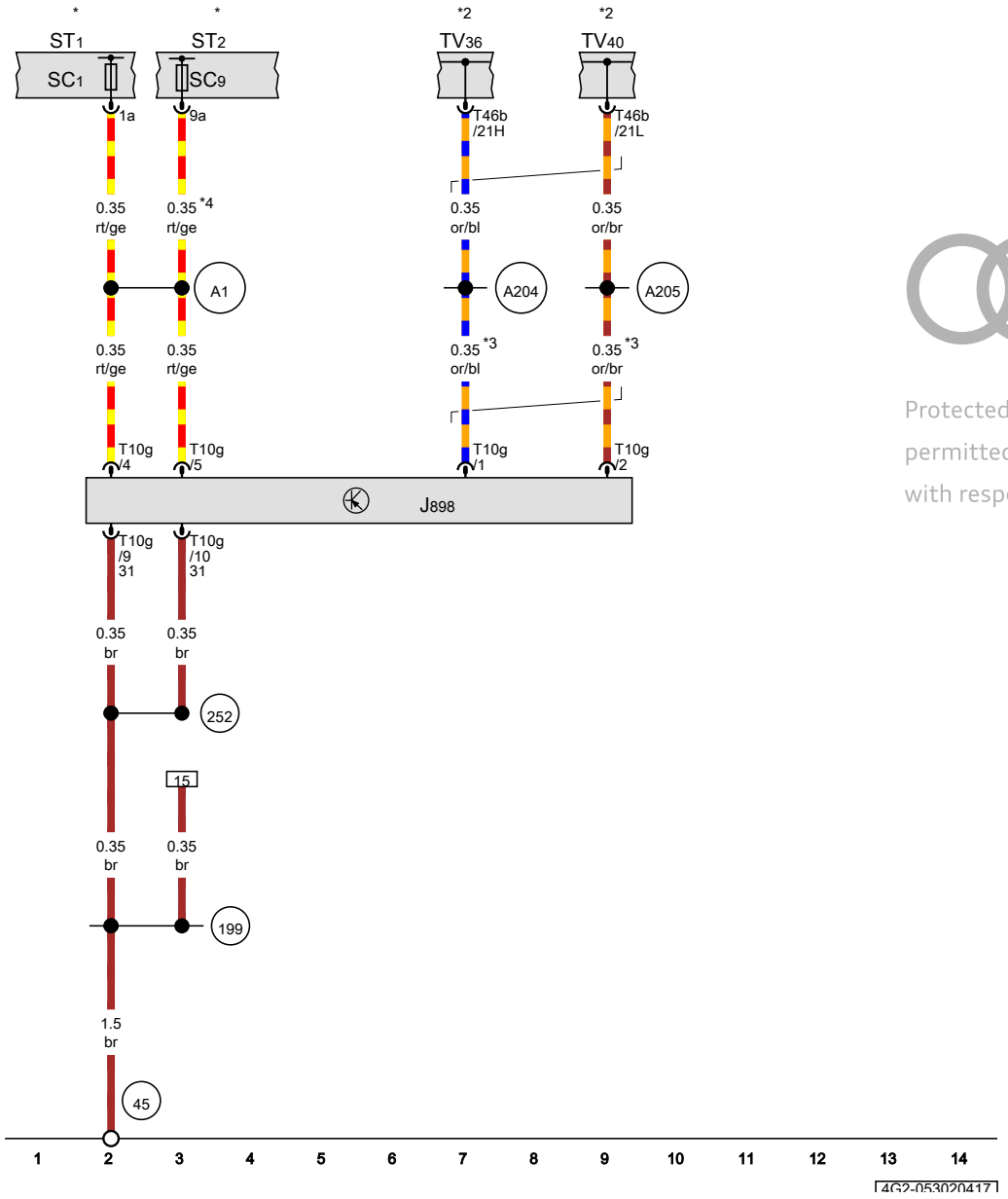
J393	Convenience system central control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6aa	6-pin connector
T6ab	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Avant

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

Heads-up display , (KS1)

From January 2011

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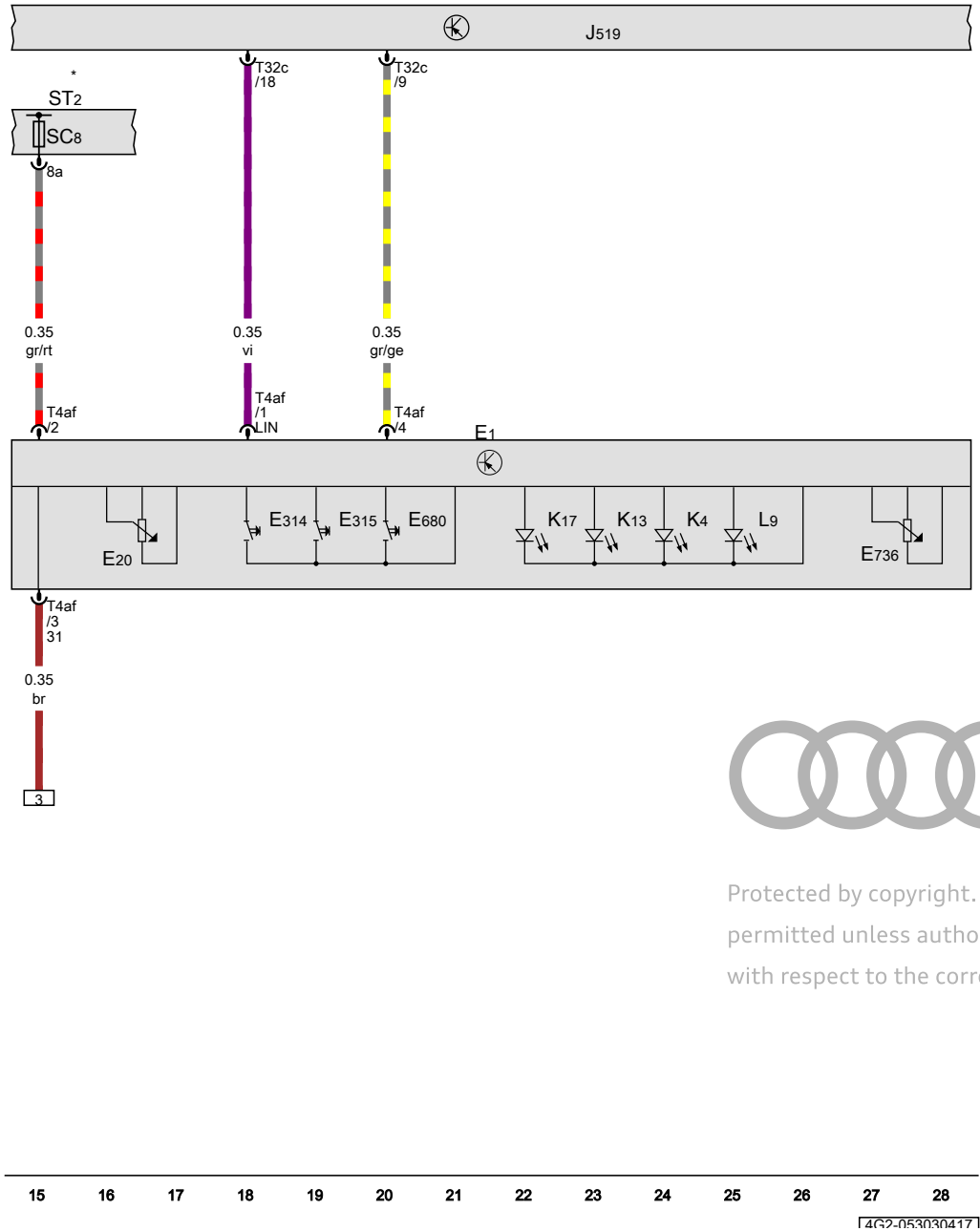


Control unit for Head-up Display

J898	Control unit for Head-up Display
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
T10g	10-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV40	Wiring junction for dash panel insert CAN bus, low, on relay and fuse carrier, on right in luggage compartment
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
252	Earth connection, in optional equipment wiring harness
A1	Positive connection (30a), in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Data bus wire (CAN bus)
*4	From June 2014

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rs	=	pink



Light switch, Switch for Head-up Display, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
E736	Switch for Head-up Display
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
*	see applicable current flow diagram for fuse assignment

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2.0l diesel engine , CGLC,CGLD,CGLE,CMGB

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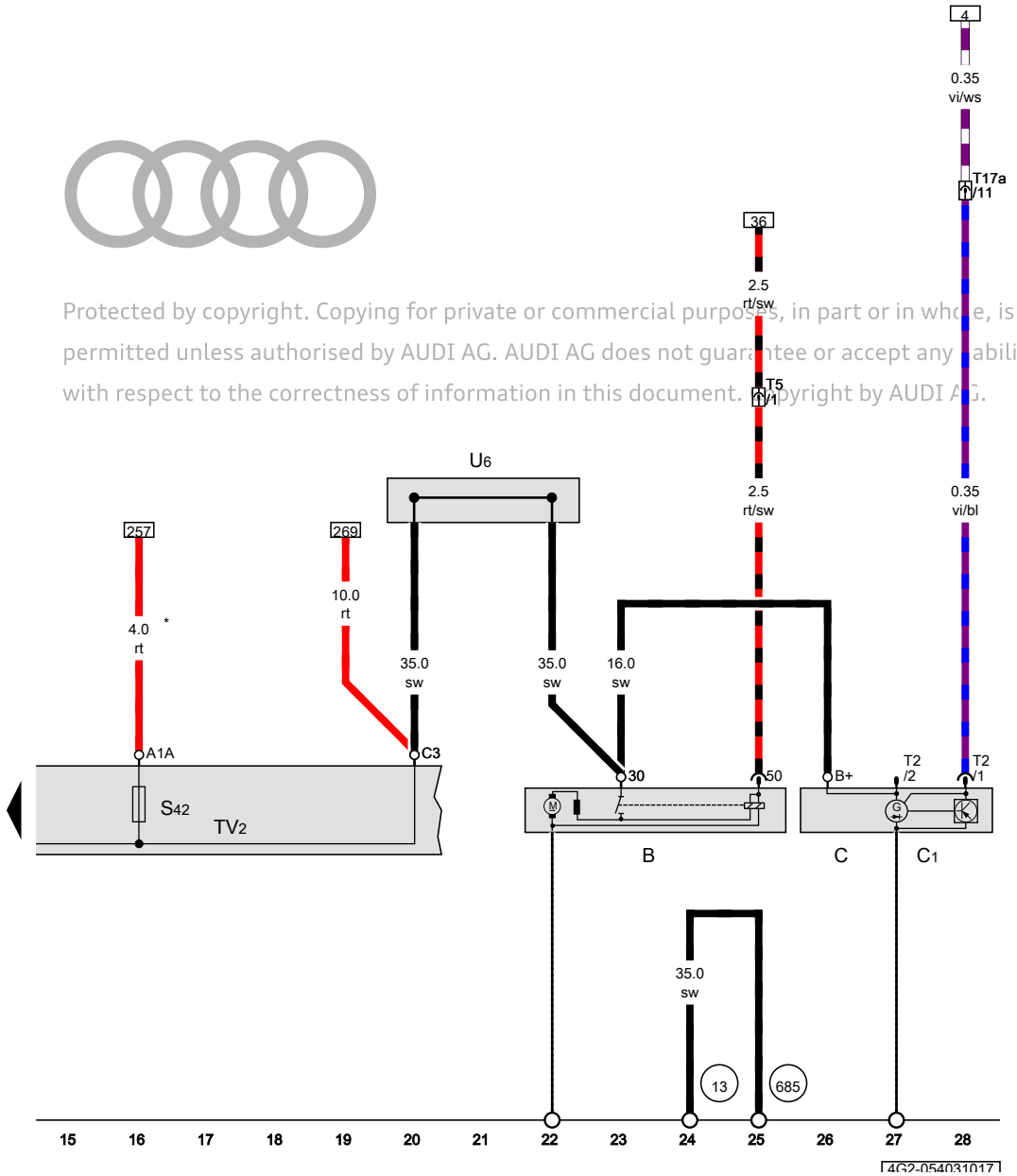
Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor

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or	=	orange
rs	=	pink

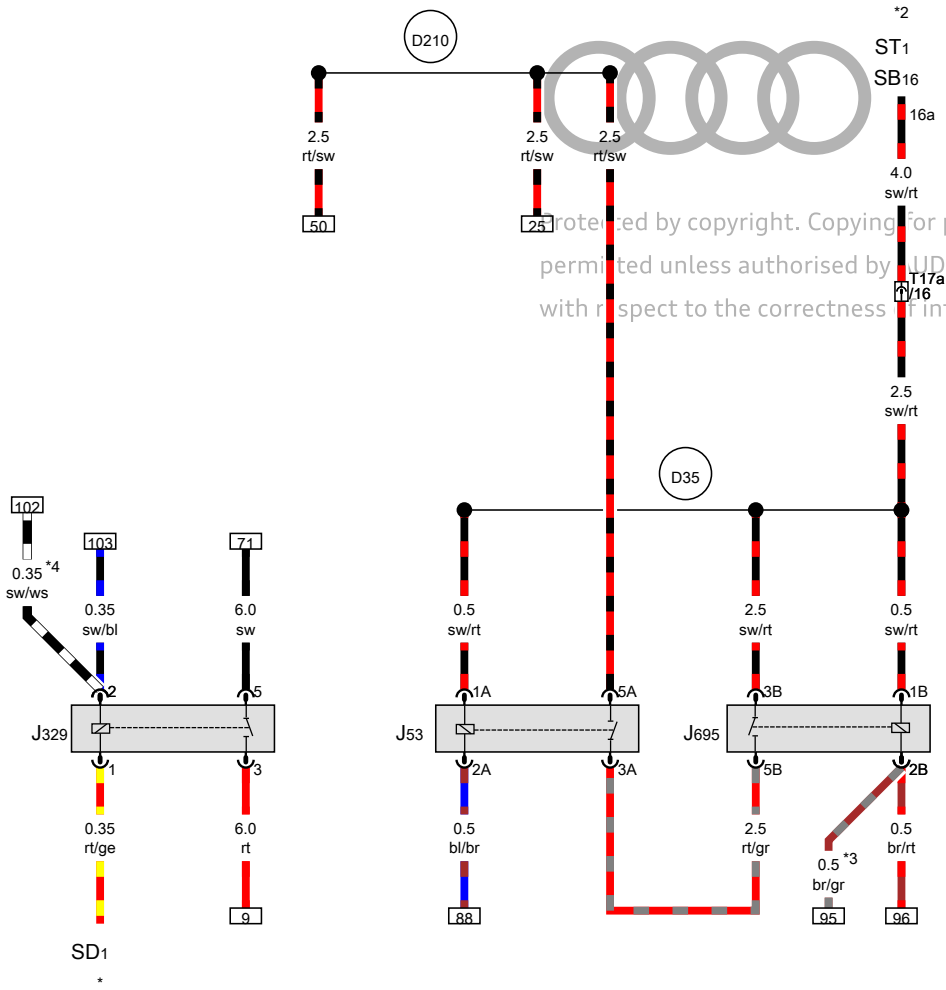
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Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
T2	2-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	Cross-section 6.0 possible



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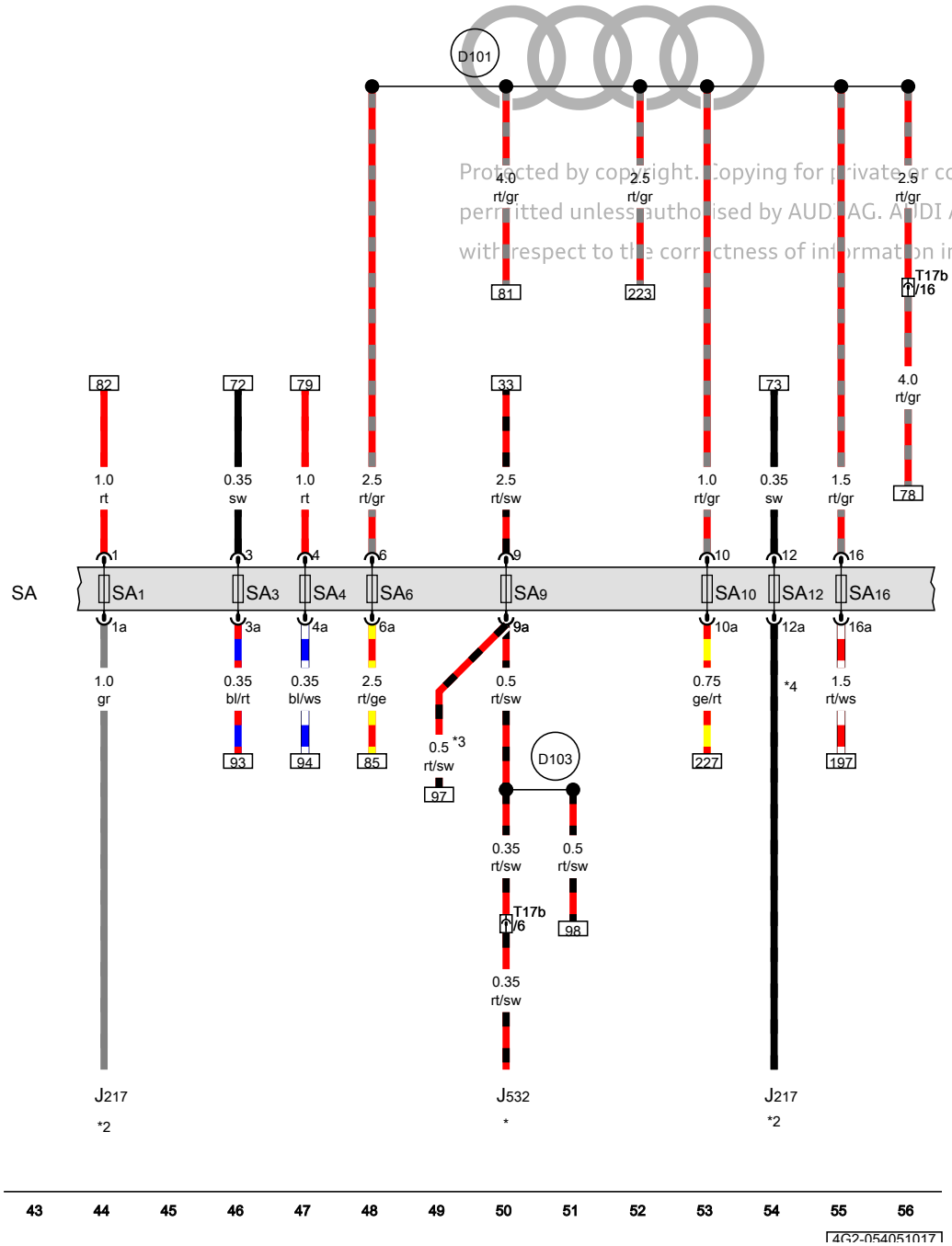
Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	gradual introduction
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

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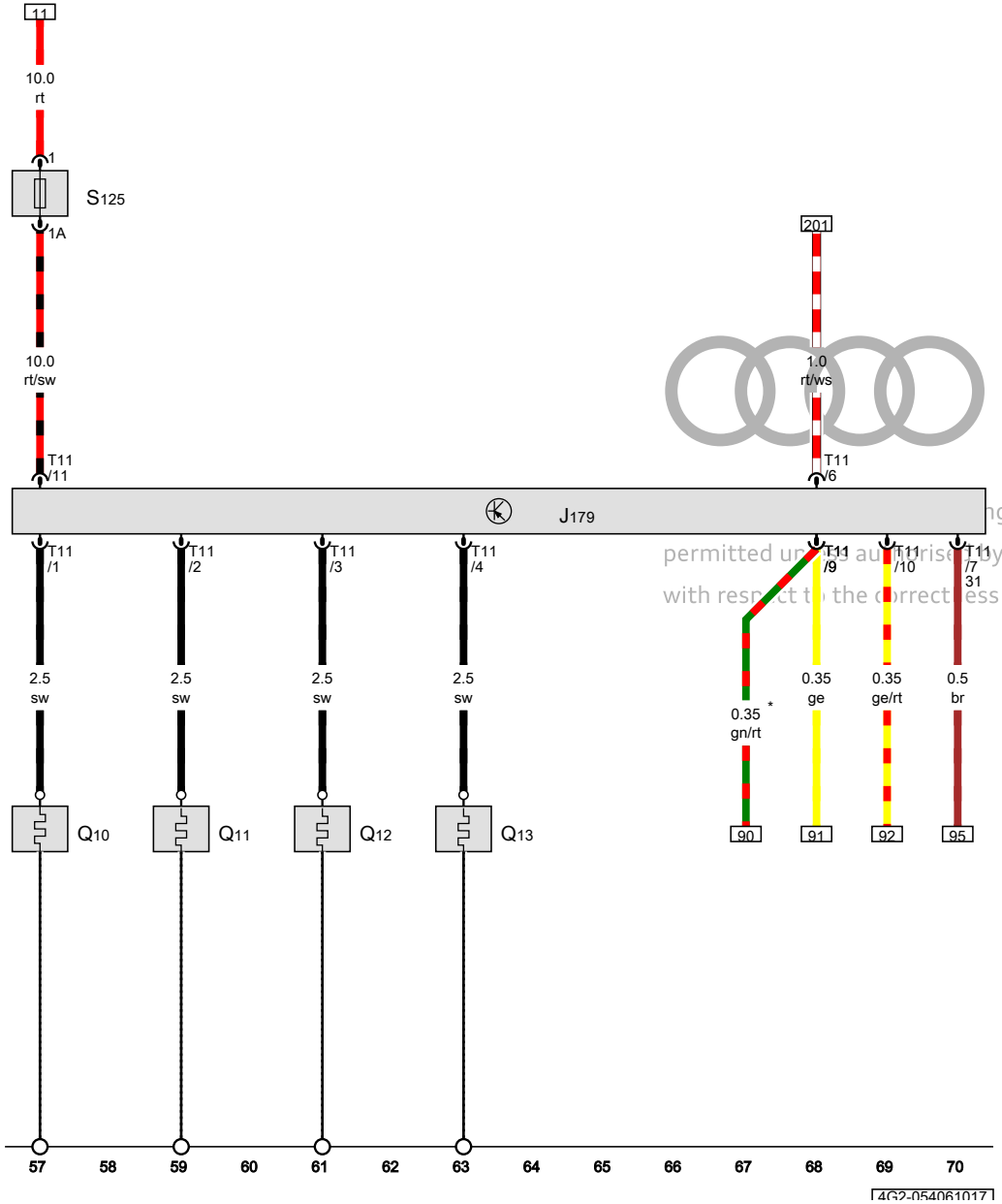
Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA16	Fuse 16 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	For models with no start/stop system
*4	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Automatic glow period control unit

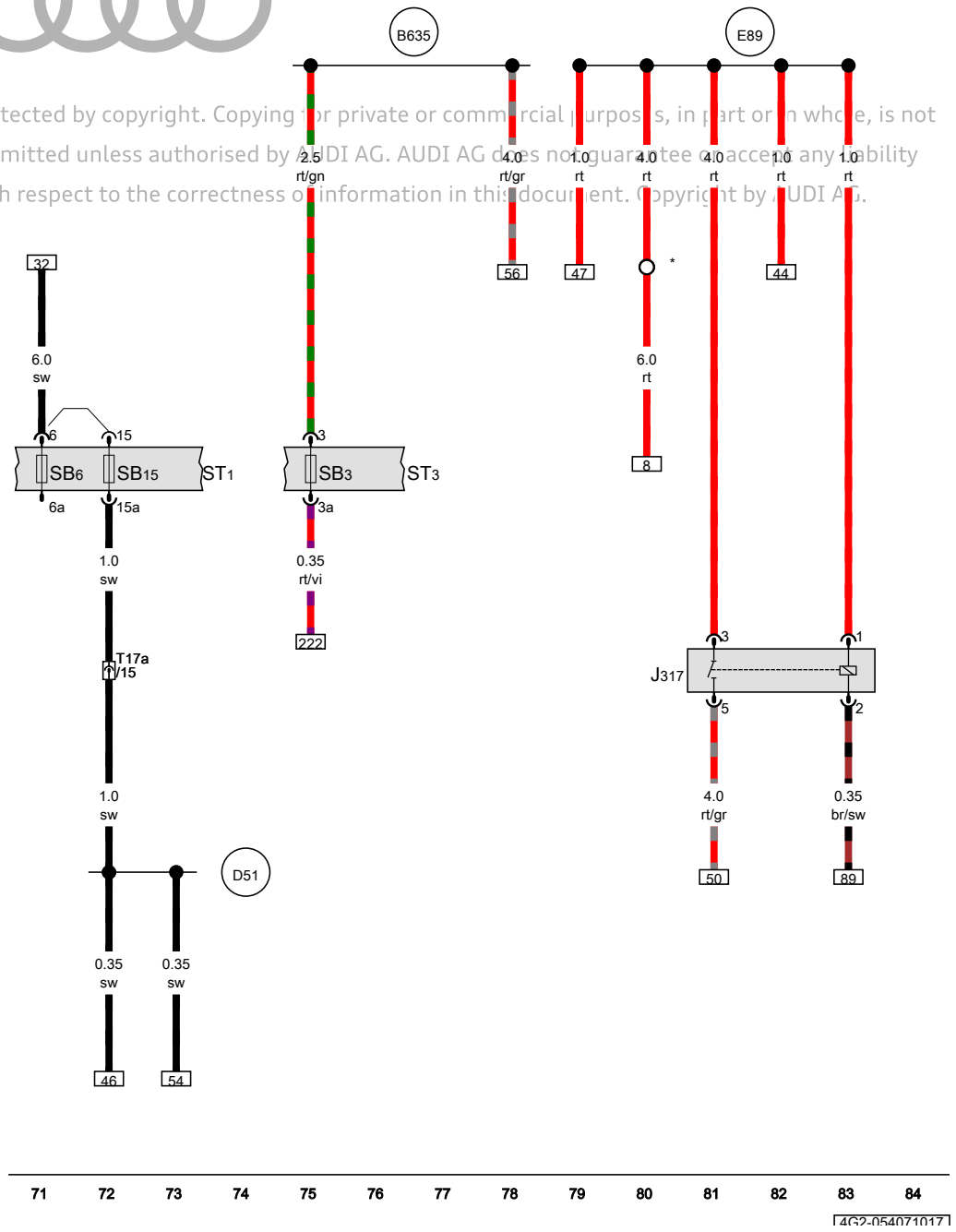
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
S125	Glow plug fuse
T11	11-pin connector
*	gradual introduction



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rs	=	pink

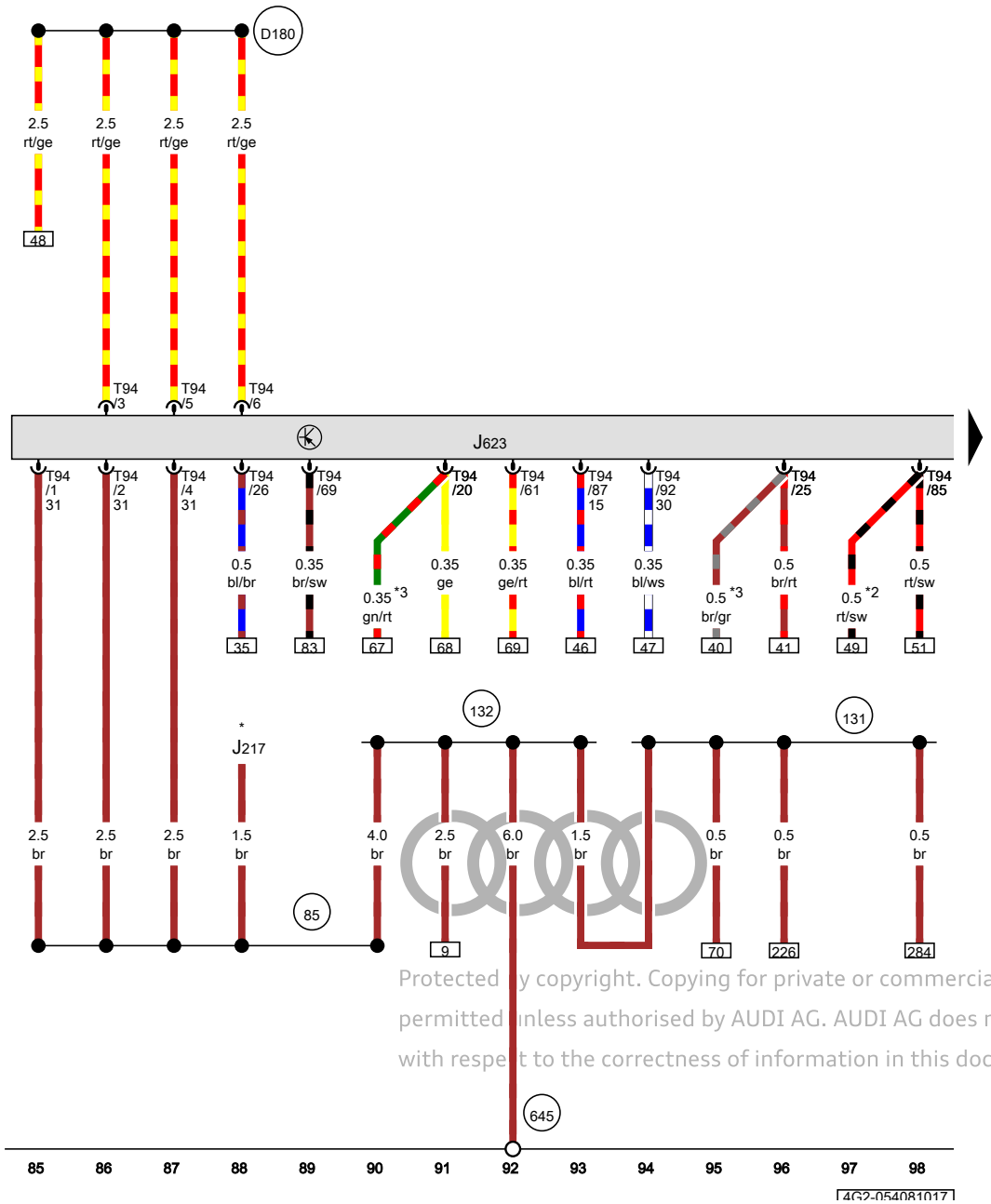
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Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

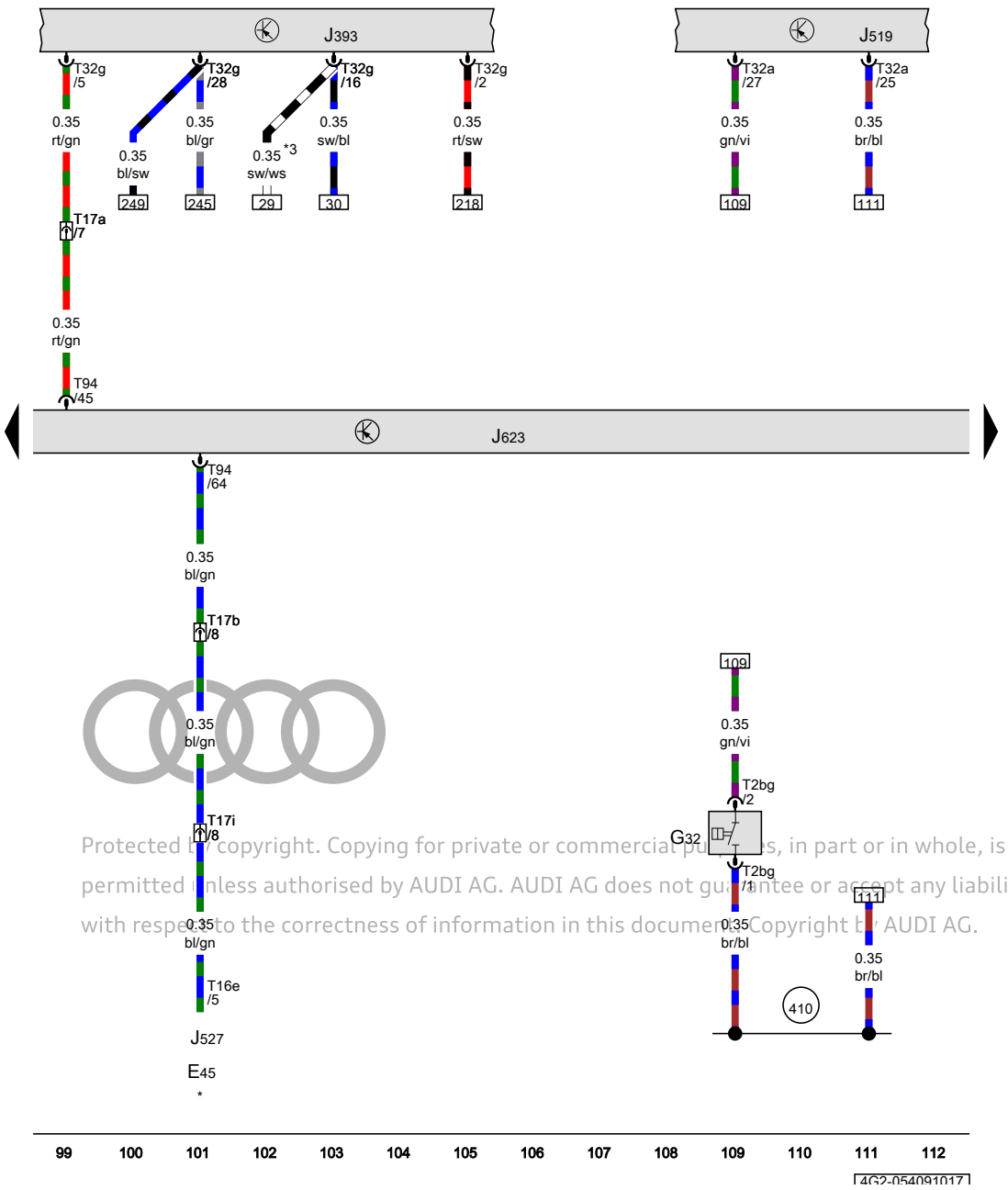


Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with no start/stop system
*3	gradual introduction

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ro	=	red
rt	=	red
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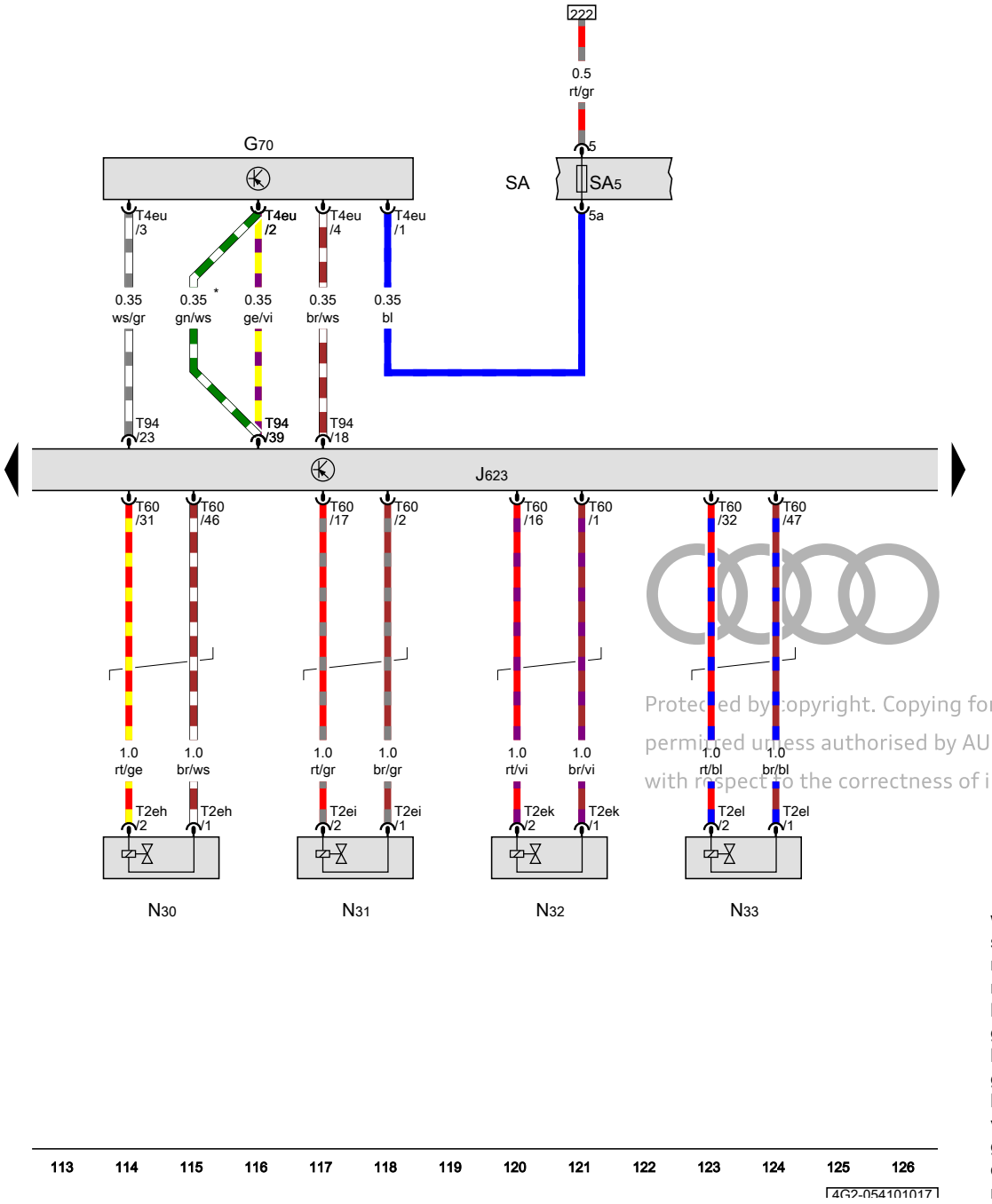
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rs = pink

Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	For models with automatic gearbox
*3	For right-hand drive models

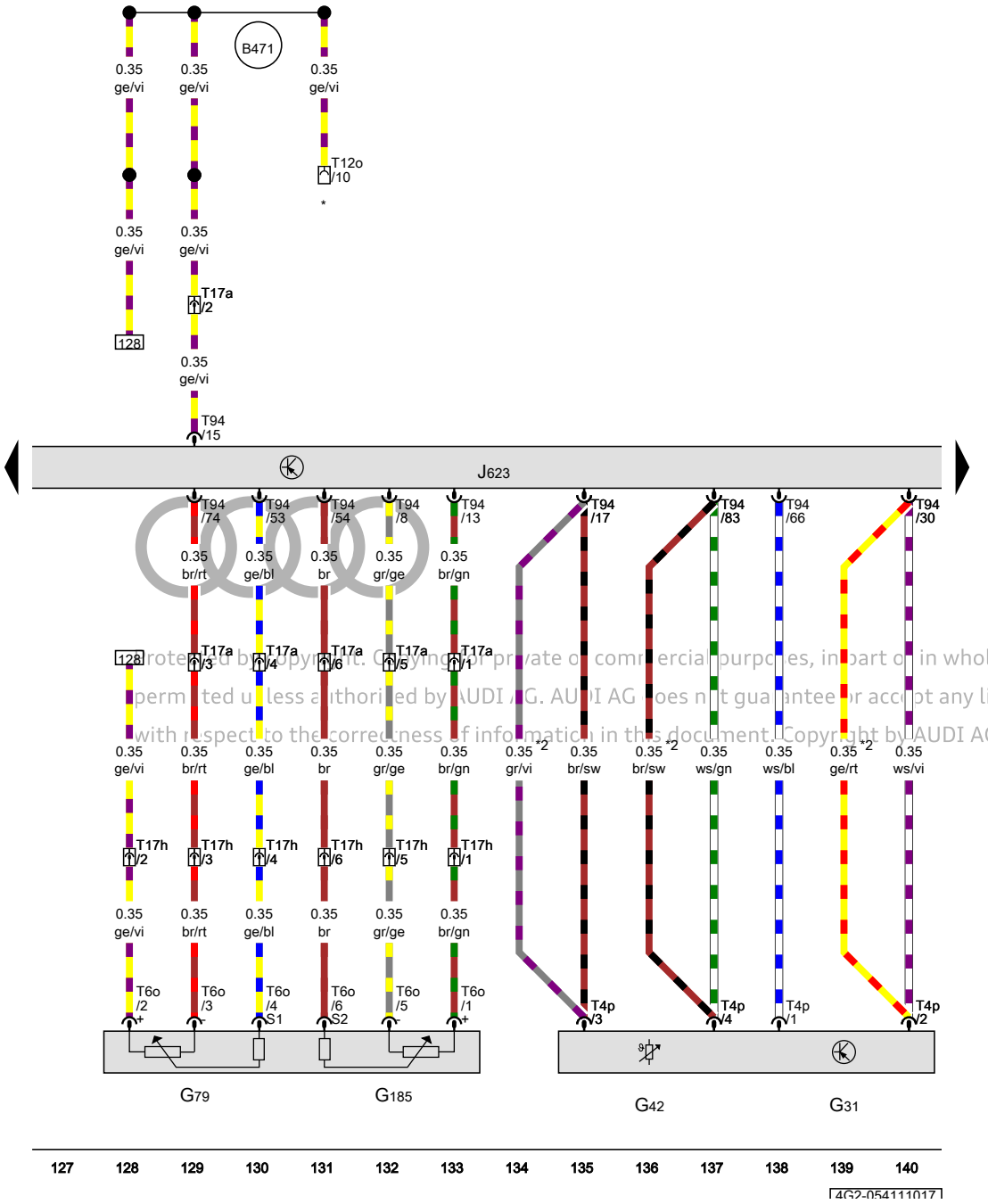
Air mass meter, Engine/motor control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
SA	Fuse holder A
SA5	Fuse 5 on fuse holder A
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T4eu	4-pin connector
T60	60-pin connector
T94	94-pin connector
*	gradual introduction



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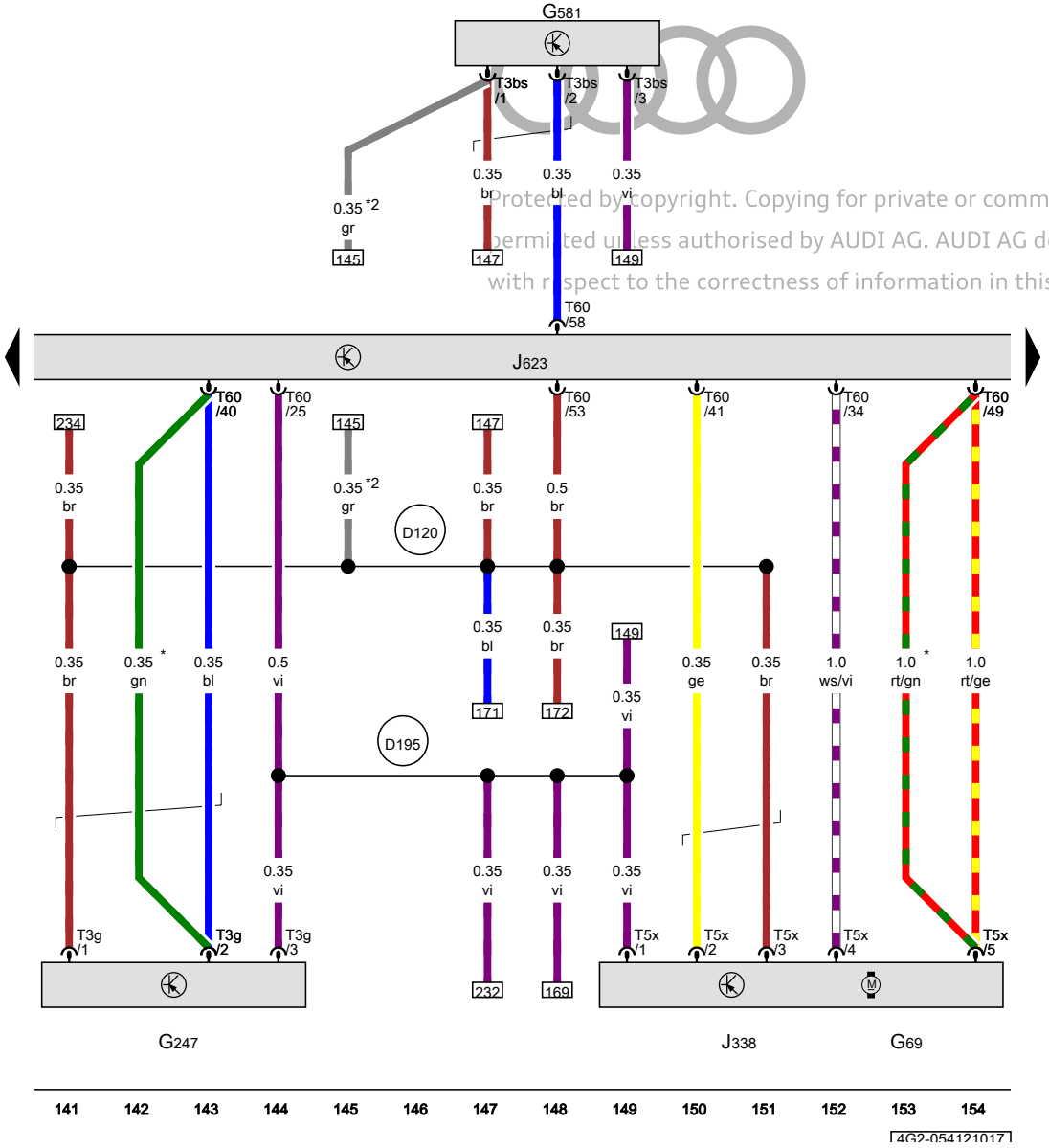
Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T4p	4-pin connector
T6o	6-pin connector
T12o	12-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T94	94-pin connector
B471	Connection 7, in main wiring harness
*	For models with interface for special functions
*2	gradual introduction

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel pressure sender, Throttle valve module, Engine/motor control unit

G69	Throttle valve potentiometer
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine/motor control unit
T3bs	3-pin connector
T3g	3-pin connector
T5x	5-pin connector
T60	60-pin connector
D120	Connection 18 in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	gradual introduction
*2	From August 2013

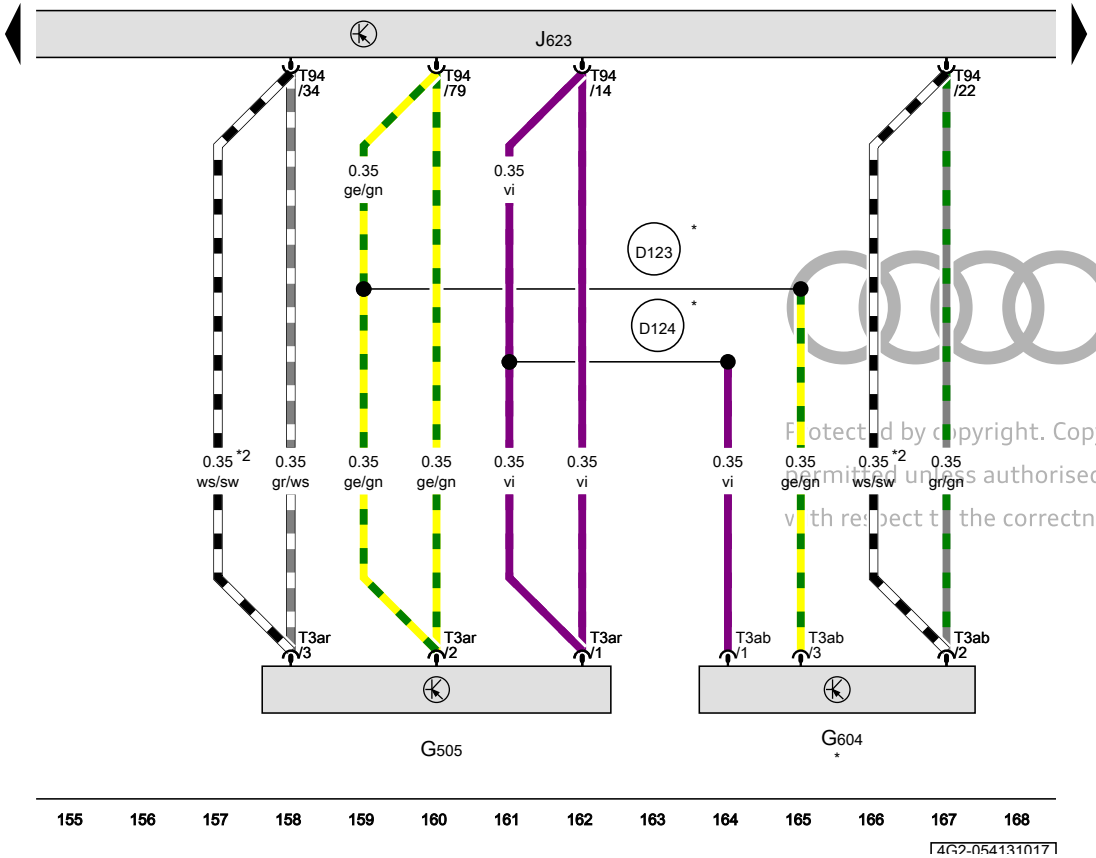


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Pressure differential sender, Gear detection sensor, Engine/motor control unit

G505	Pressure differential sender
G604	Gear detection sensor
J623	Engine/motor control unit
T3ab	3-pin connector
T3ar	3-pin connector
T94	94-pin connector
D123	Connection 21 in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness
*	For models with manual gearbox
*2	gradual introduction

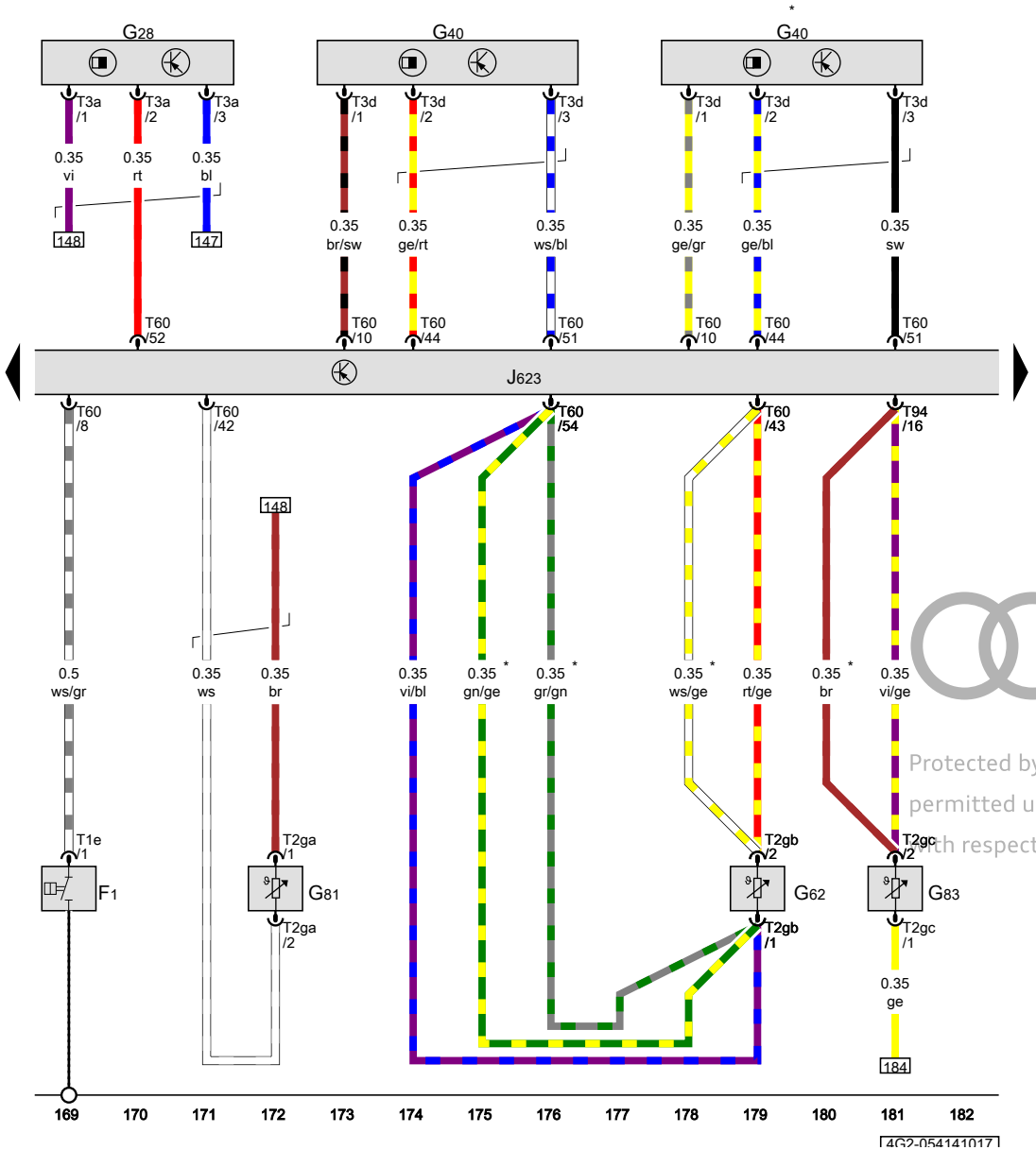


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rs	=	pink

Oil pressure switch, Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine/motor control unit

F1	Oil pressure switch
G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit
T1e	1-pin connector
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T3a	3-pin connector
T3d	3-pin connector
T60	60-pin connector
T94	94-pin connector
*	gradual introduction



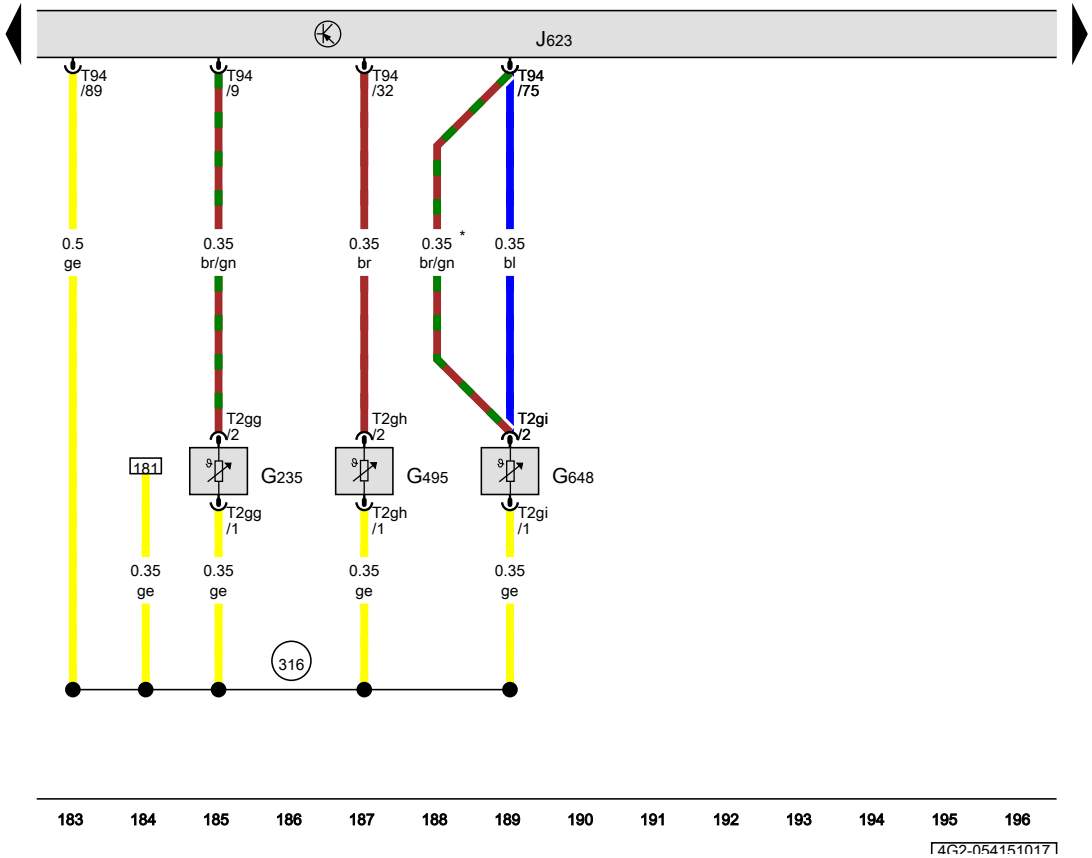
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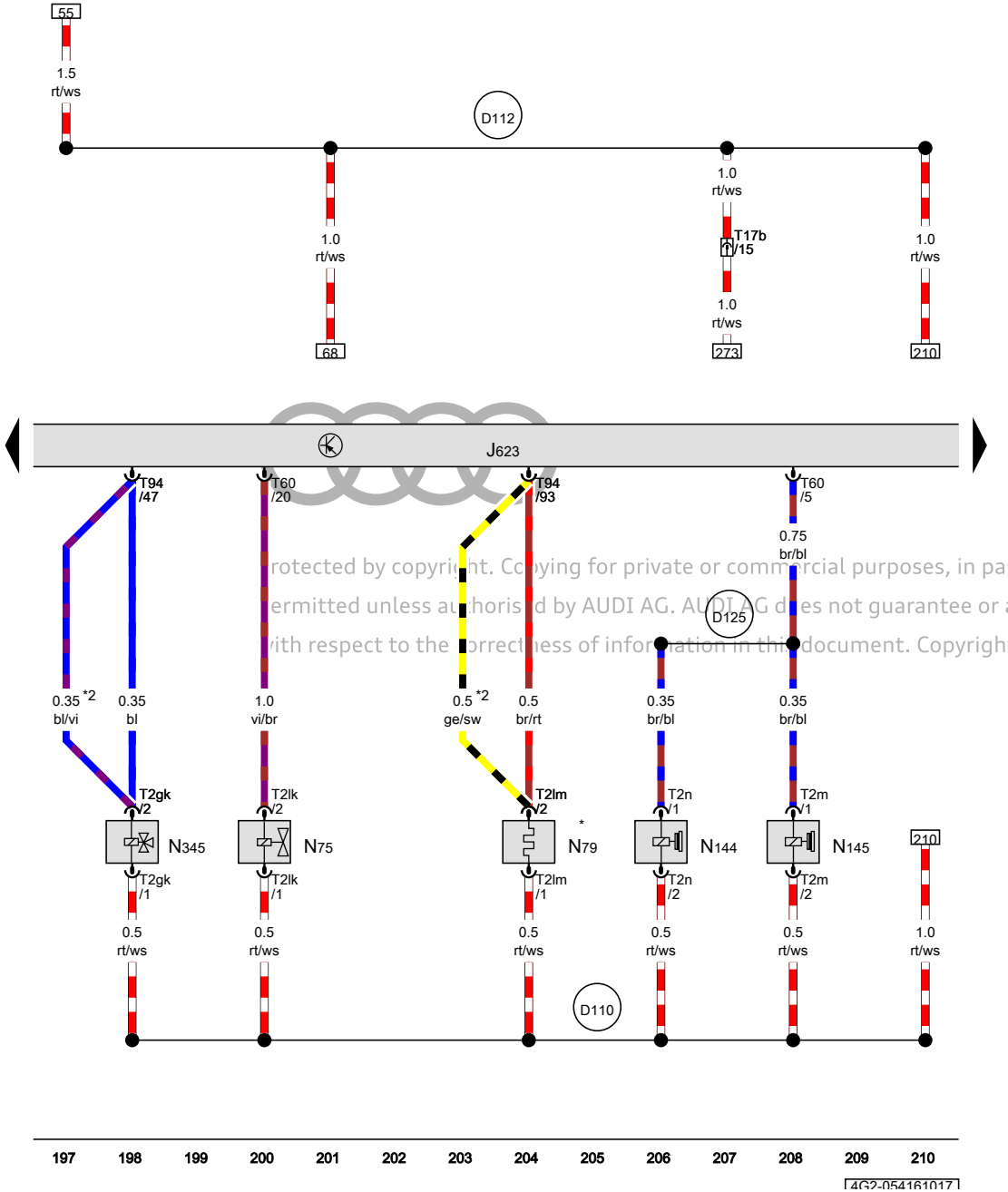
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Exhaust gas temperature sender 1, Engine/motor control unit

G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit
T2gg	2-pin connector
T2gh	2-pin connector
T2gi	2-pin connector
T94	94-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
*	gradual introduction



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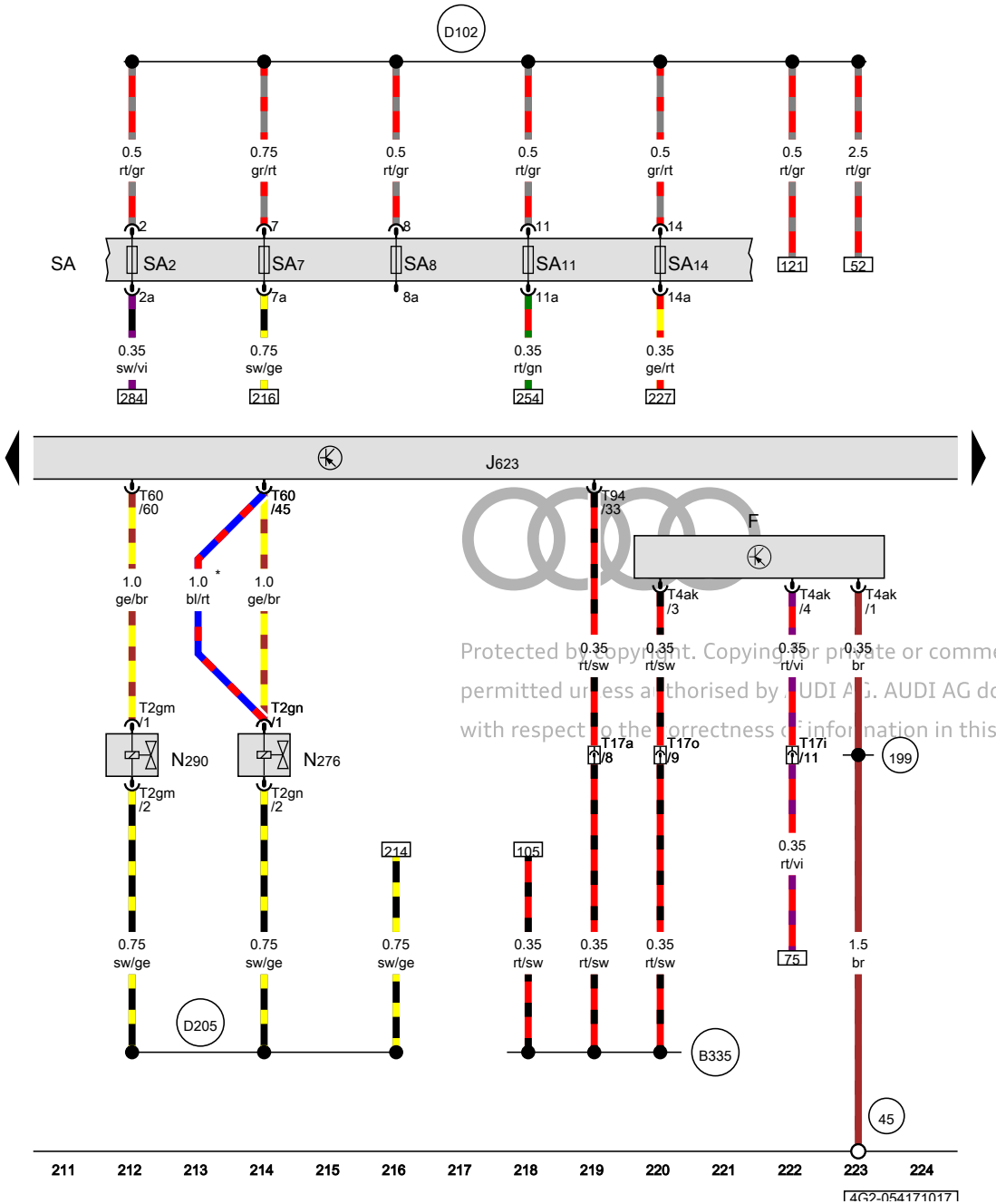
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Engine/motor control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Left electrohydraulic engine mounting solenoid valve, Exhaust gas recirculation cooler changeover valve

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
T2gk	2-pin connector
T2lk	2-pin connector
T2lm	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T60	60-pin connector
T94	94-pin connector
D110	Connection 8 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness
*	Cold country version
*2	gradual introduction

Brake light switch, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve



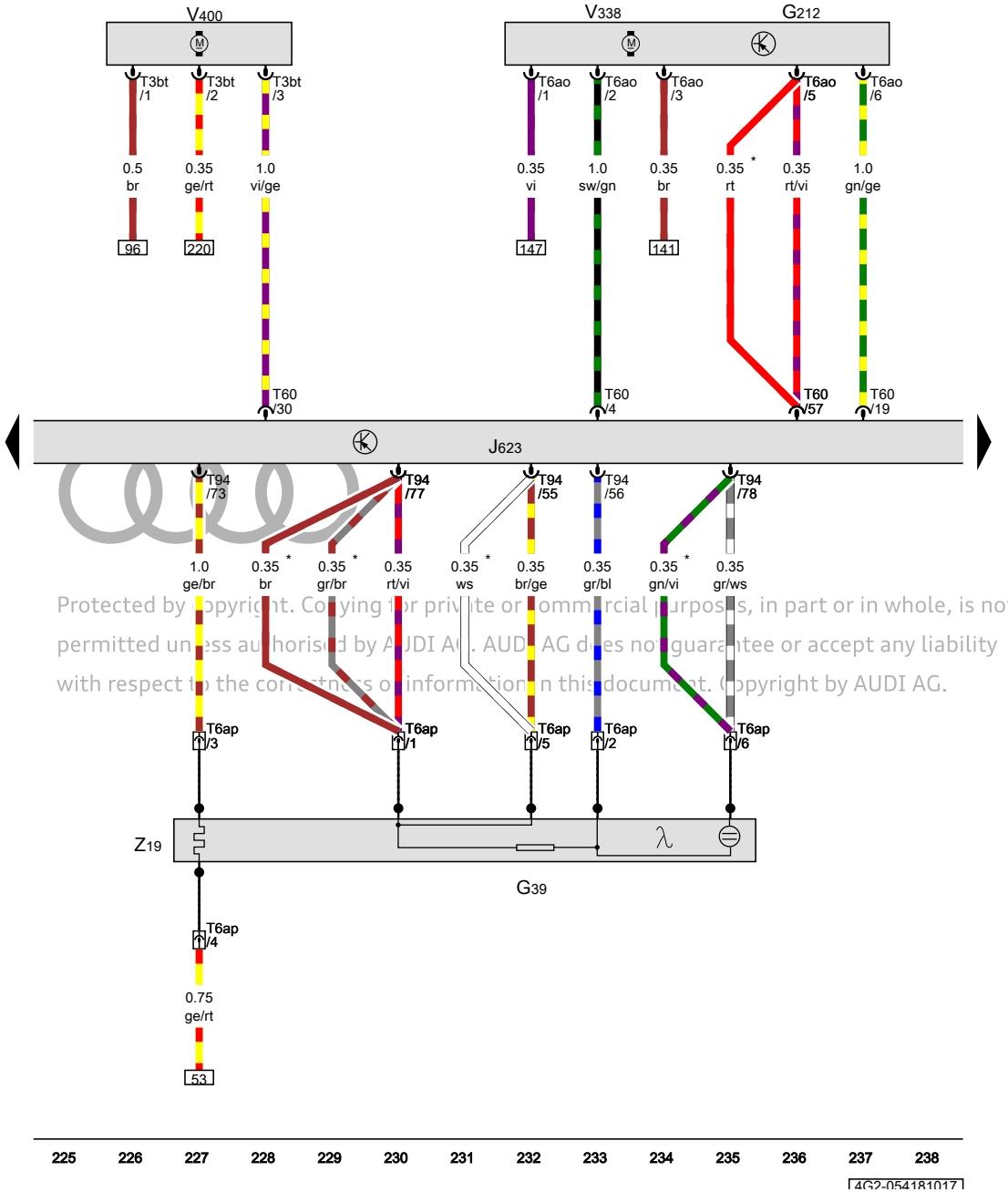
F	Brake light switch
J623	Engine/motor control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SA	Fuse holder A
SA2	Fuse 2 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA14	Fuse 14 on fuse holder A
T2gm	2-pin connector
T2gn	2-pin connector
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T60	60-pin connector
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	gradual introduction

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rt	=	red
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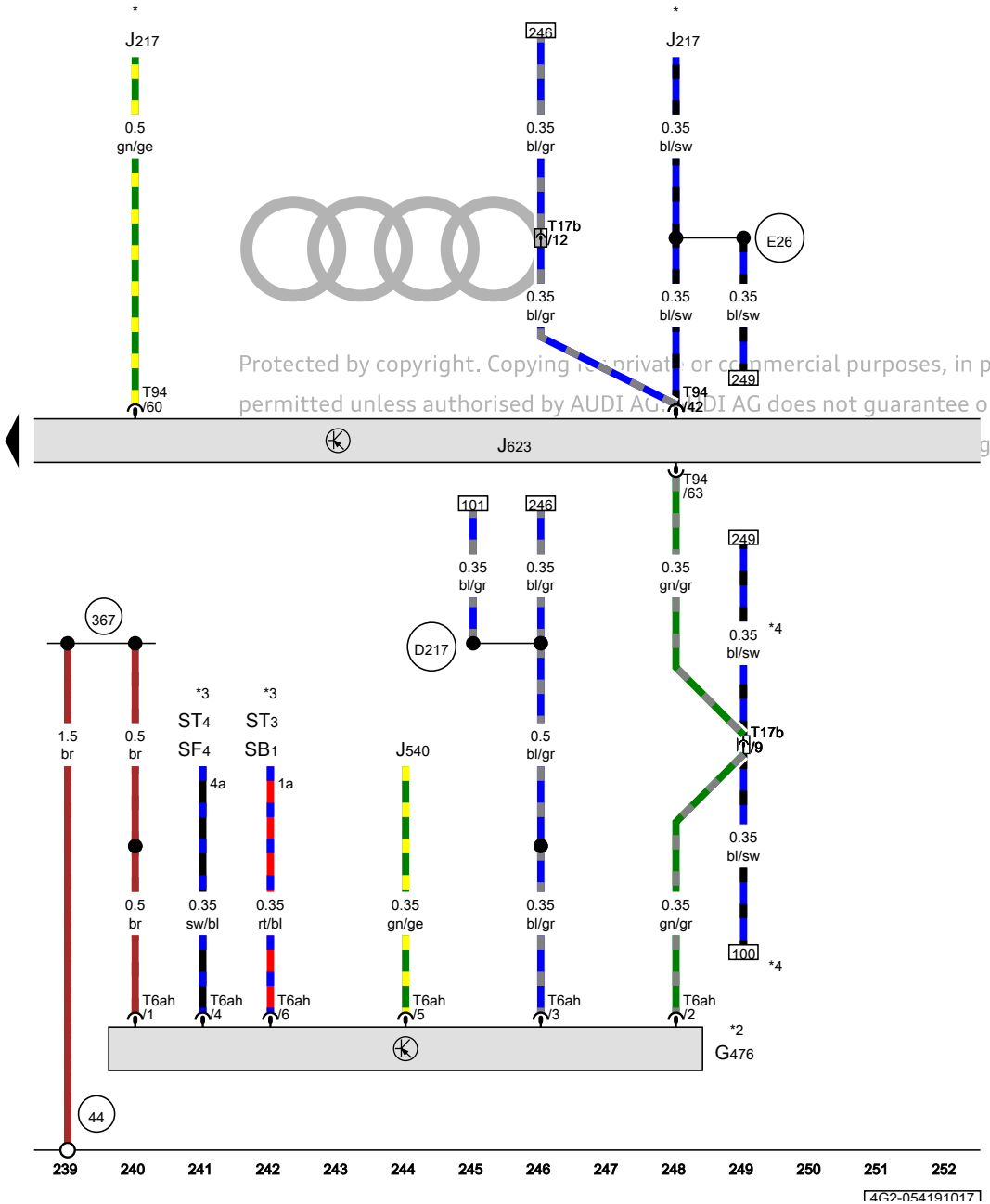
Lambda probe, Engine/motor control unit, Exhaust gas recirculation control motor, Lambda probe heater

G39	Lambda probe
G212	Exhaust gas recirculation potentiometer
J623	Engine/motor control unit
T3bt	3-pin connector
T6ao	6-pin connector
T6ap	6-pin connector, brown
T60	60-pin connector
T94	94-pin connector
V338	Exhaust gas recirculation control motor
V400	Pump for exhaust gas recirculation cooler
Z19	Lambda probe heater
*	gradual introduction



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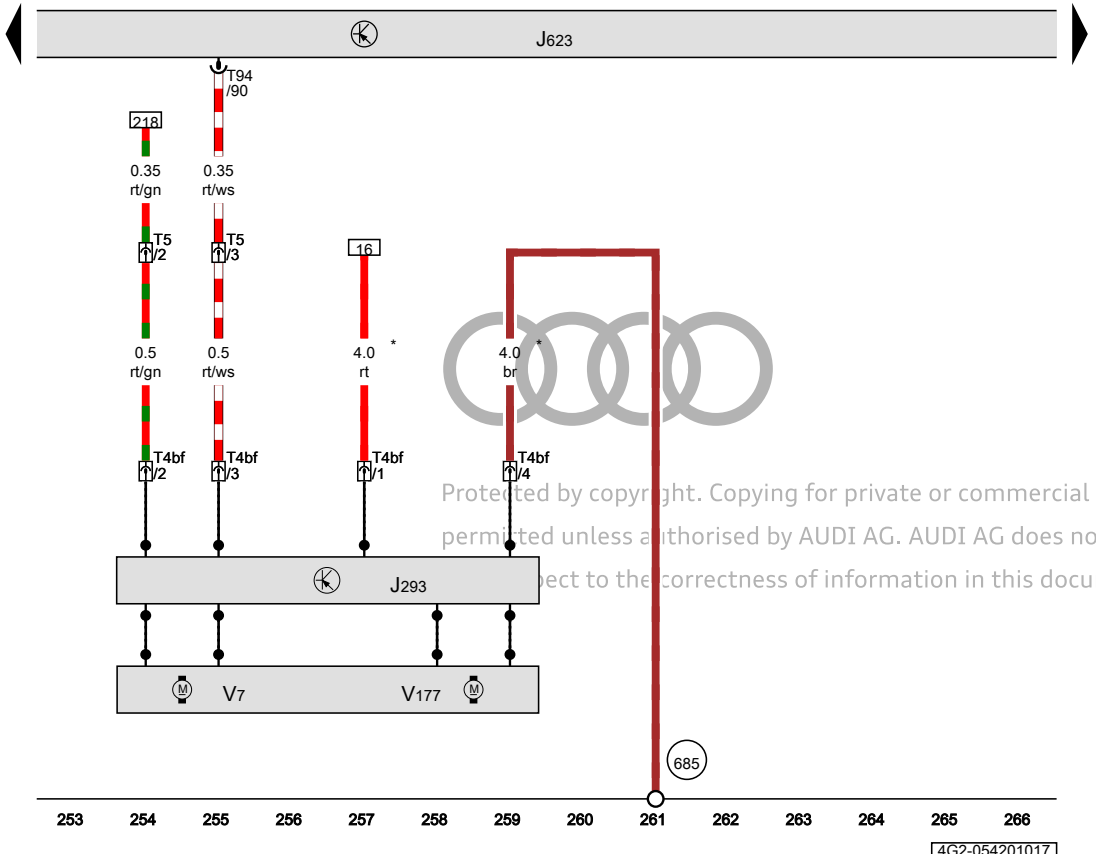
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or = orange
rs = pink

Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T6ah	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T94	94-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with manual gearbox
*3	see applicable current flow diagram for fuse assignment
*4	For models with automatic gearbox

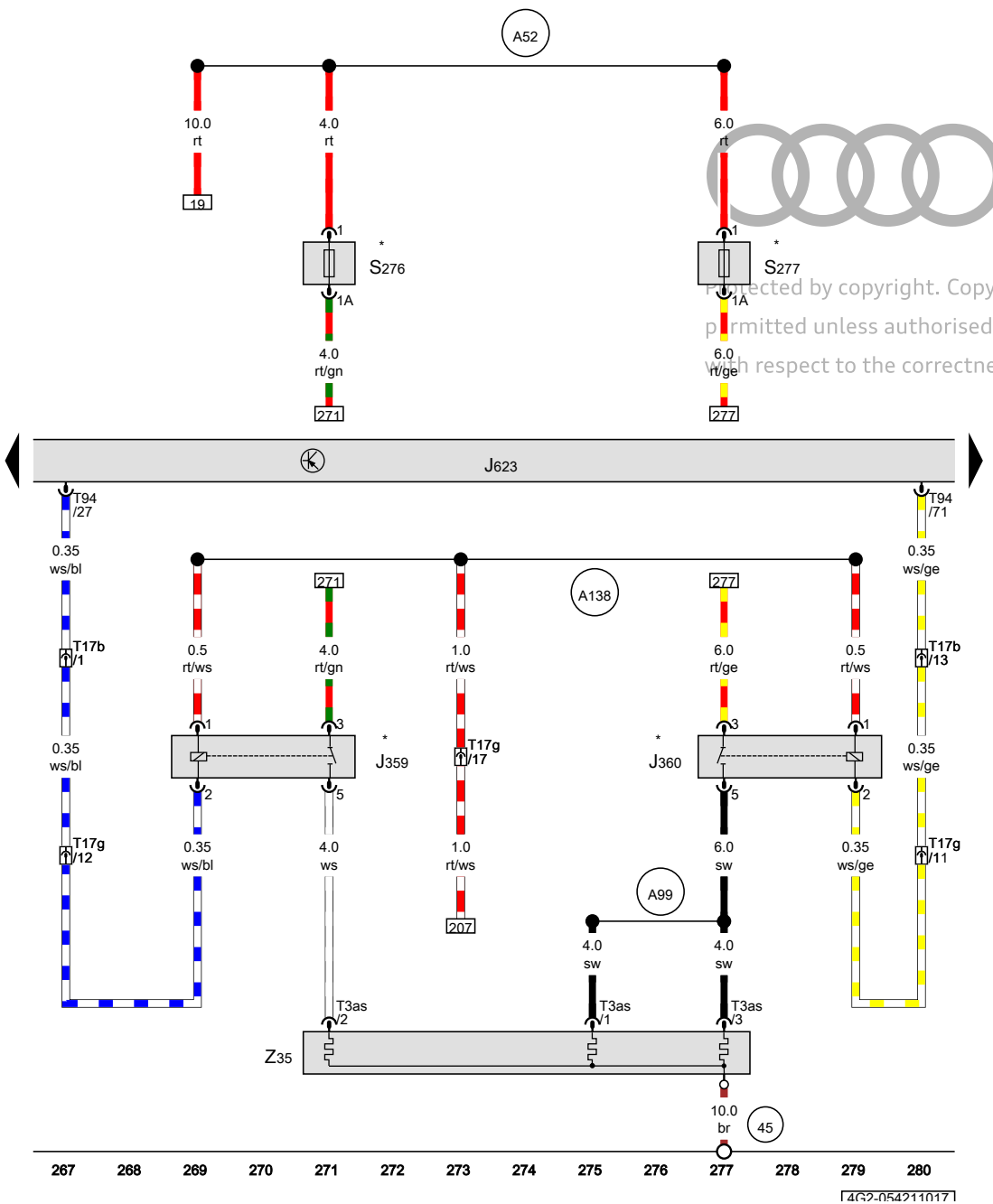
Radiator fan control unit, Engine/motor control unit, Radiator fan 2

J293	Radiator fan control unit
J623	Engine/motor control unit
T4bf	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T94	94-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
*	Cross-section 6.0 possible



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Low heat output relay, High heat output relay, Engine/motor control unit, Auxiliary air heater element

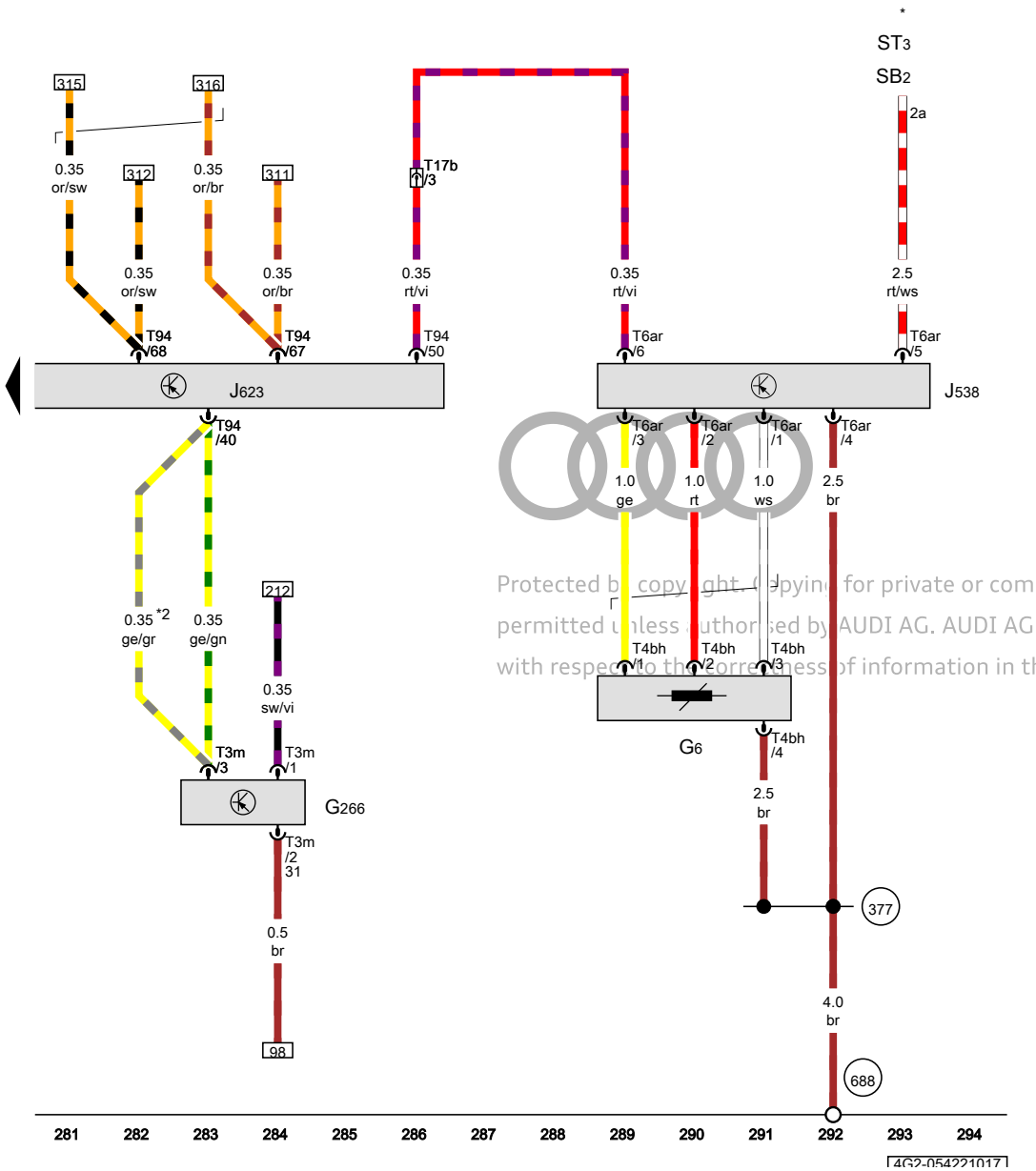
J359	Low heat output relay
J360	High heat output relay
J623	Engine/motor control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17g	17-pin connector, in left A-pillar coupling station
T94	94-pin connector
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel

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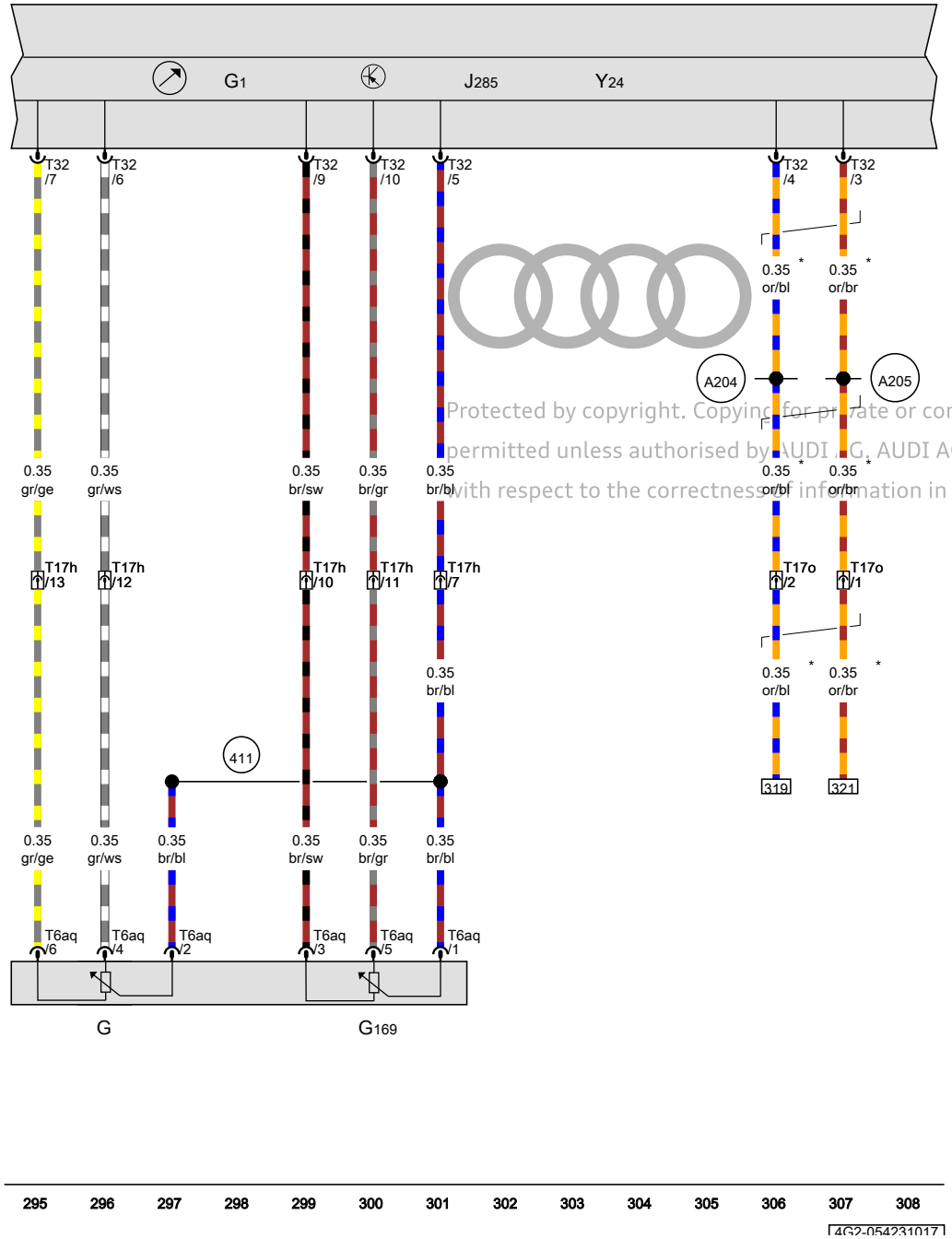
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	gradual introduction



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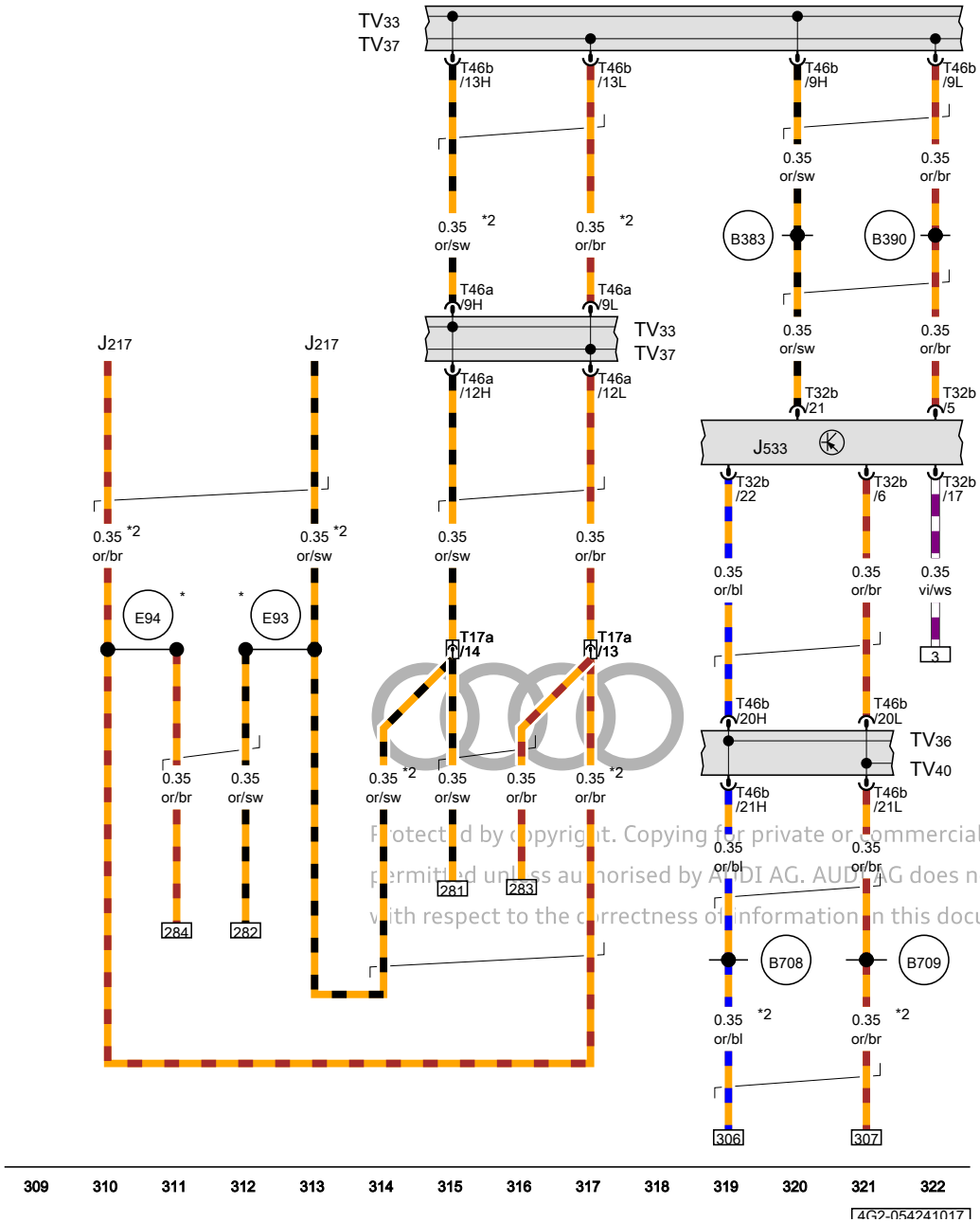


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

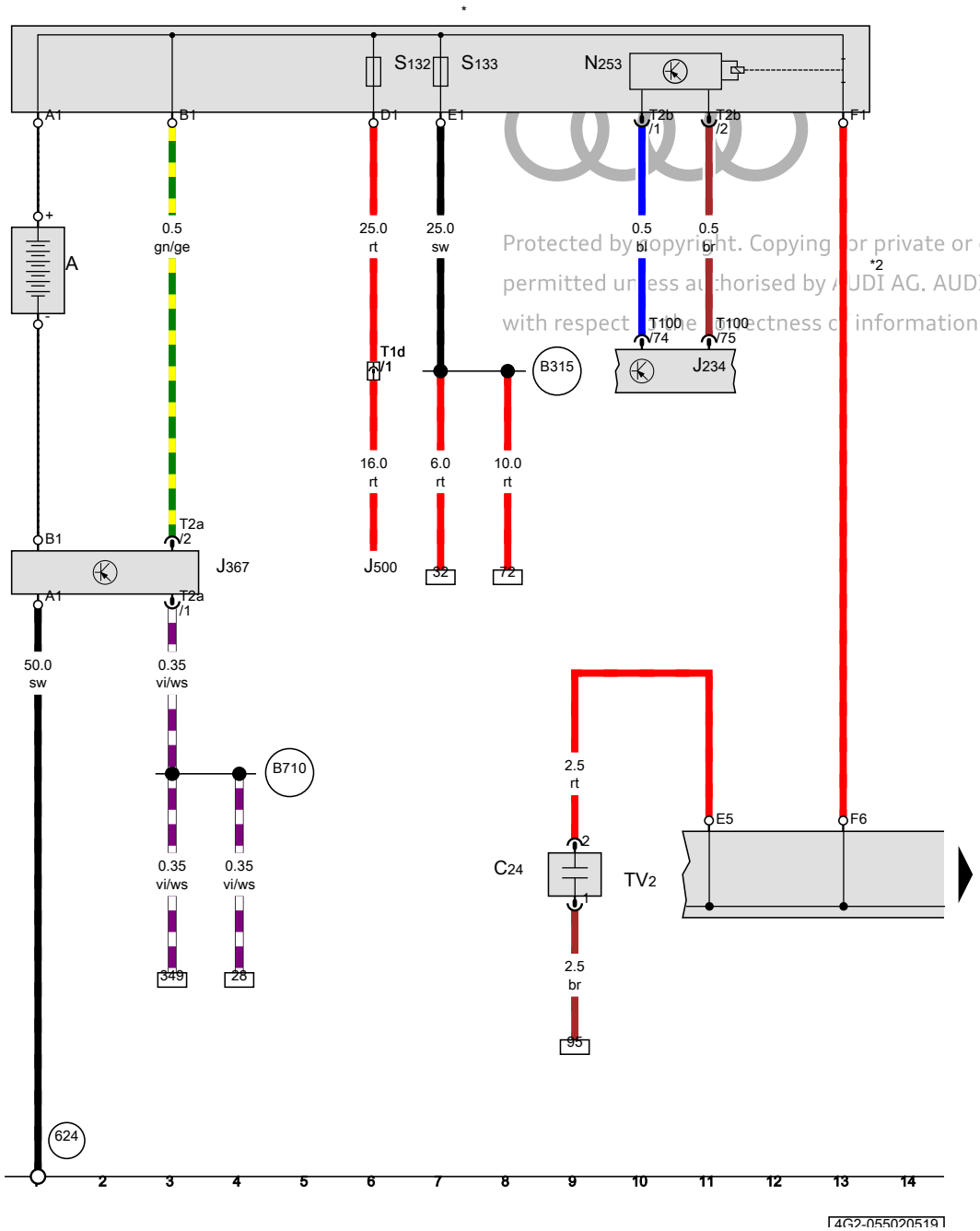
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

2.0l petrol engine , CAEB,CAED,CDNB,CDZA

From February 2011

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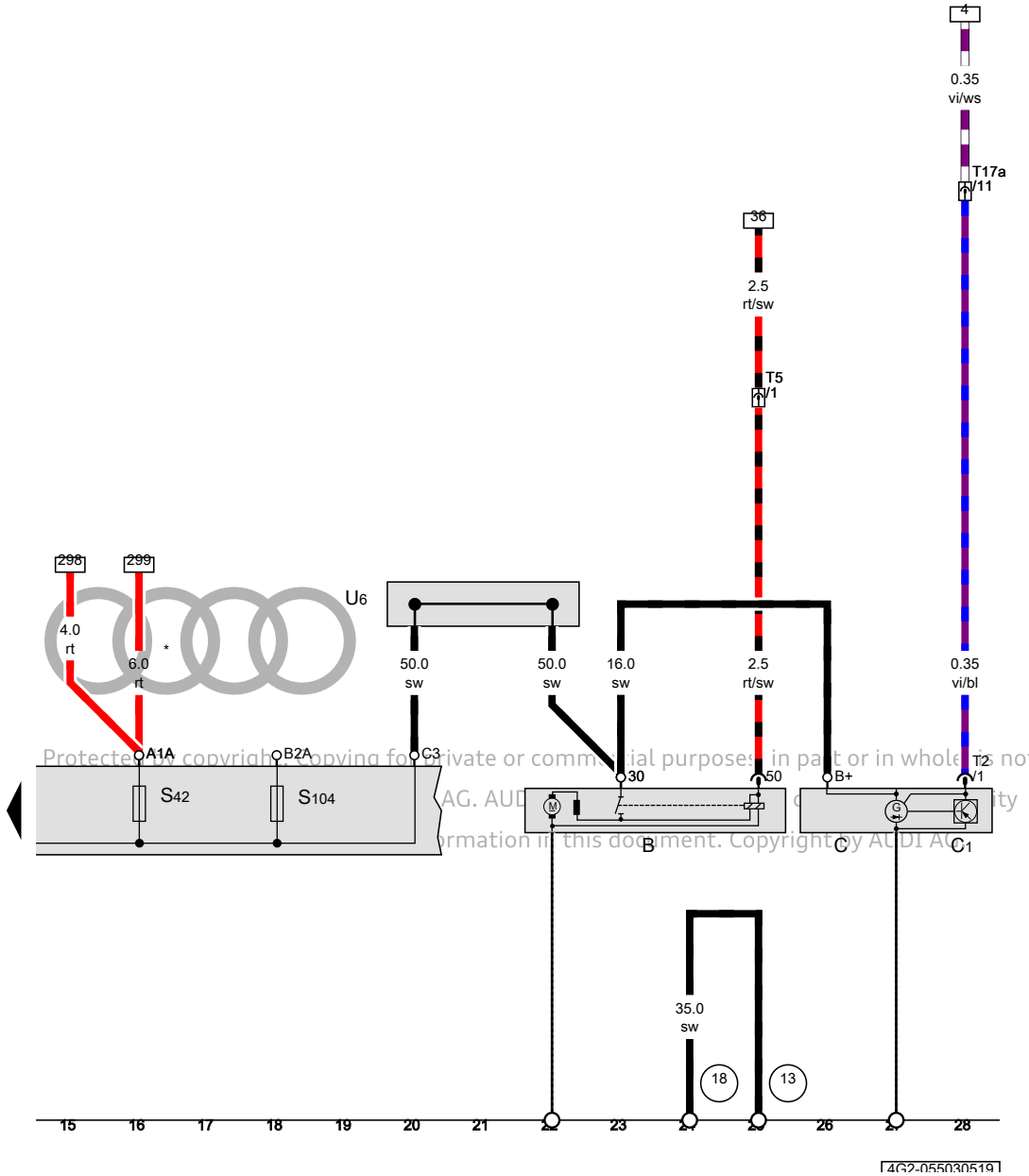


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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

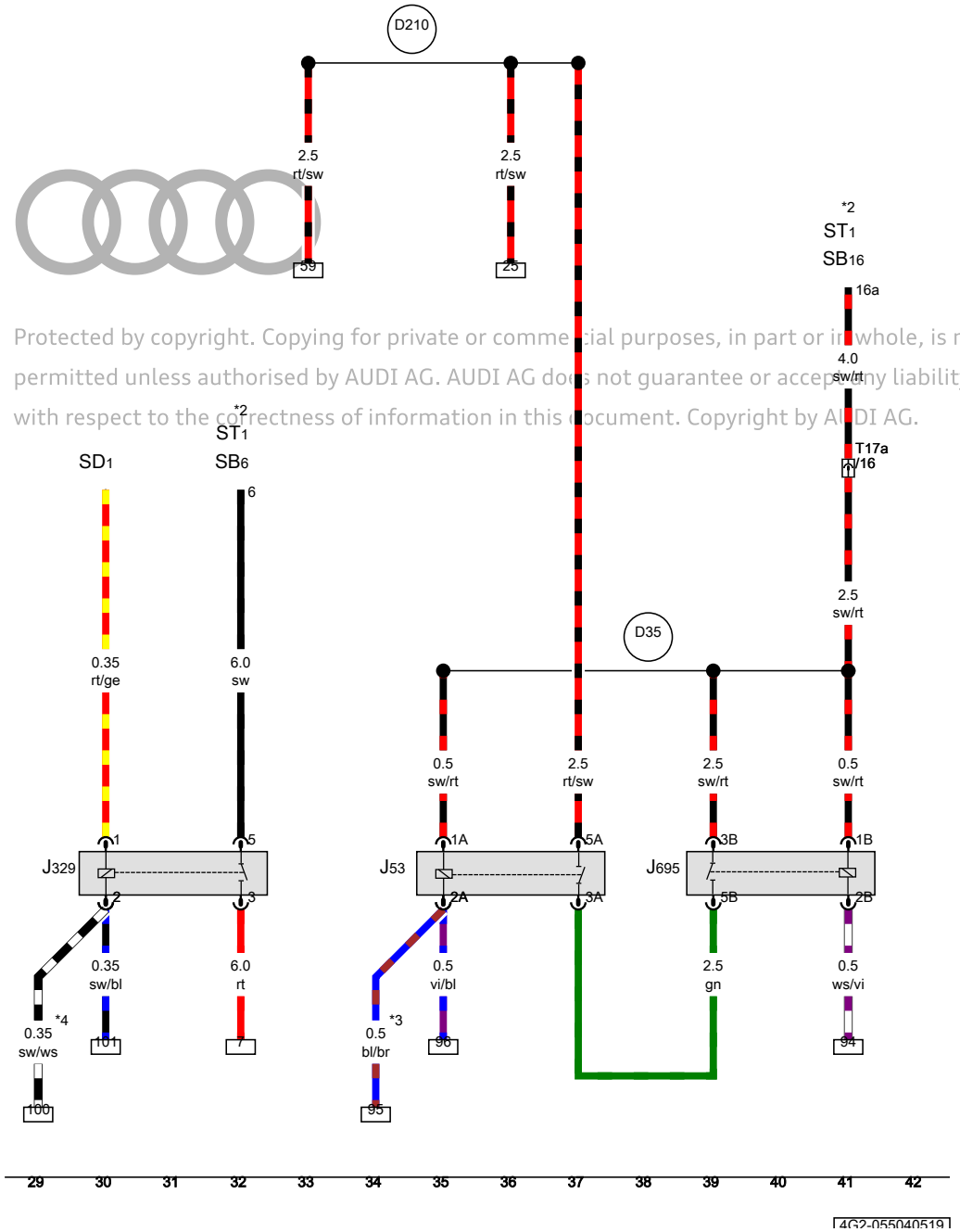


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Starter, Alternator

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
18	Earth point, on cylinder block
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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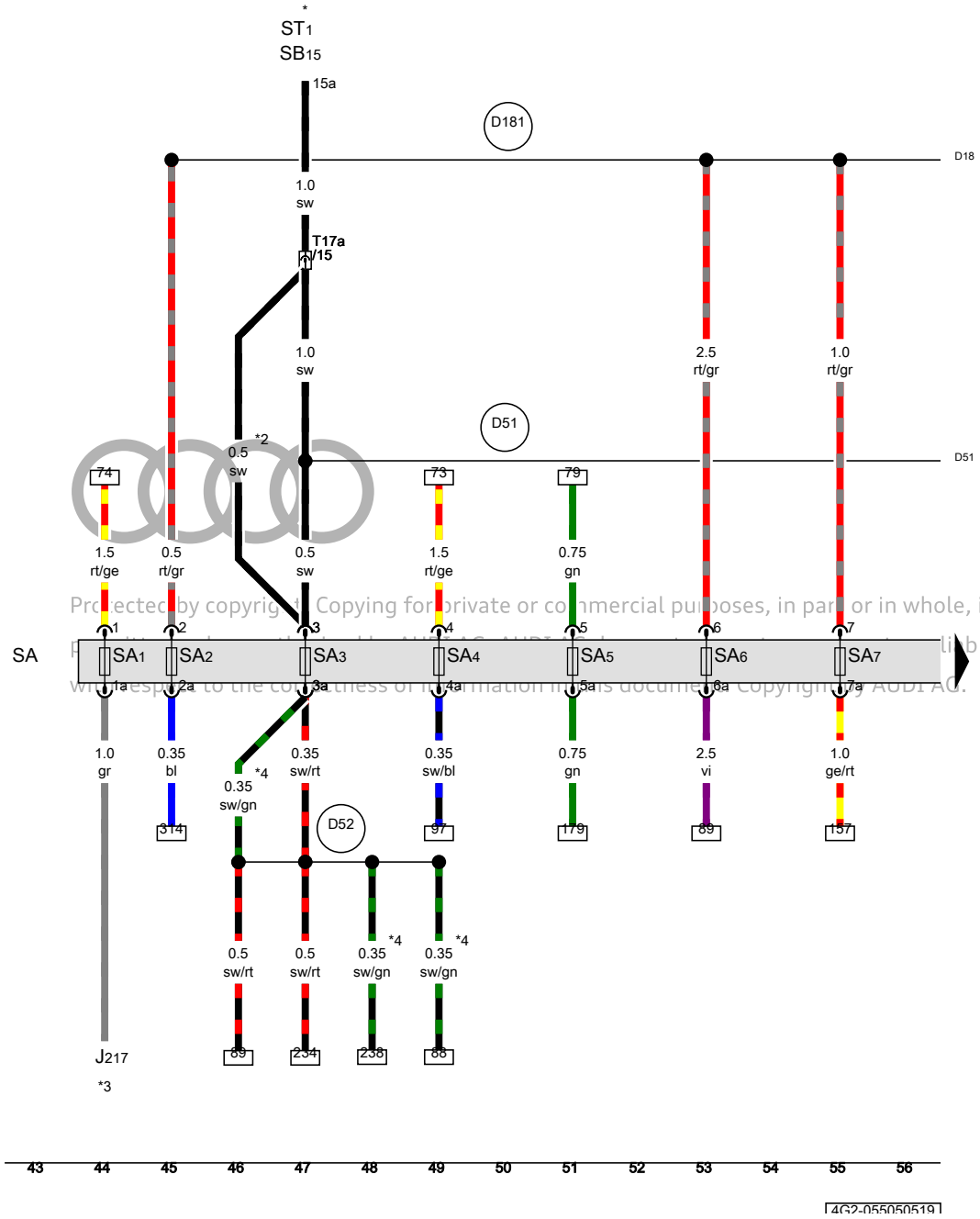


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB6	Fuse 6 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	gradual introduction
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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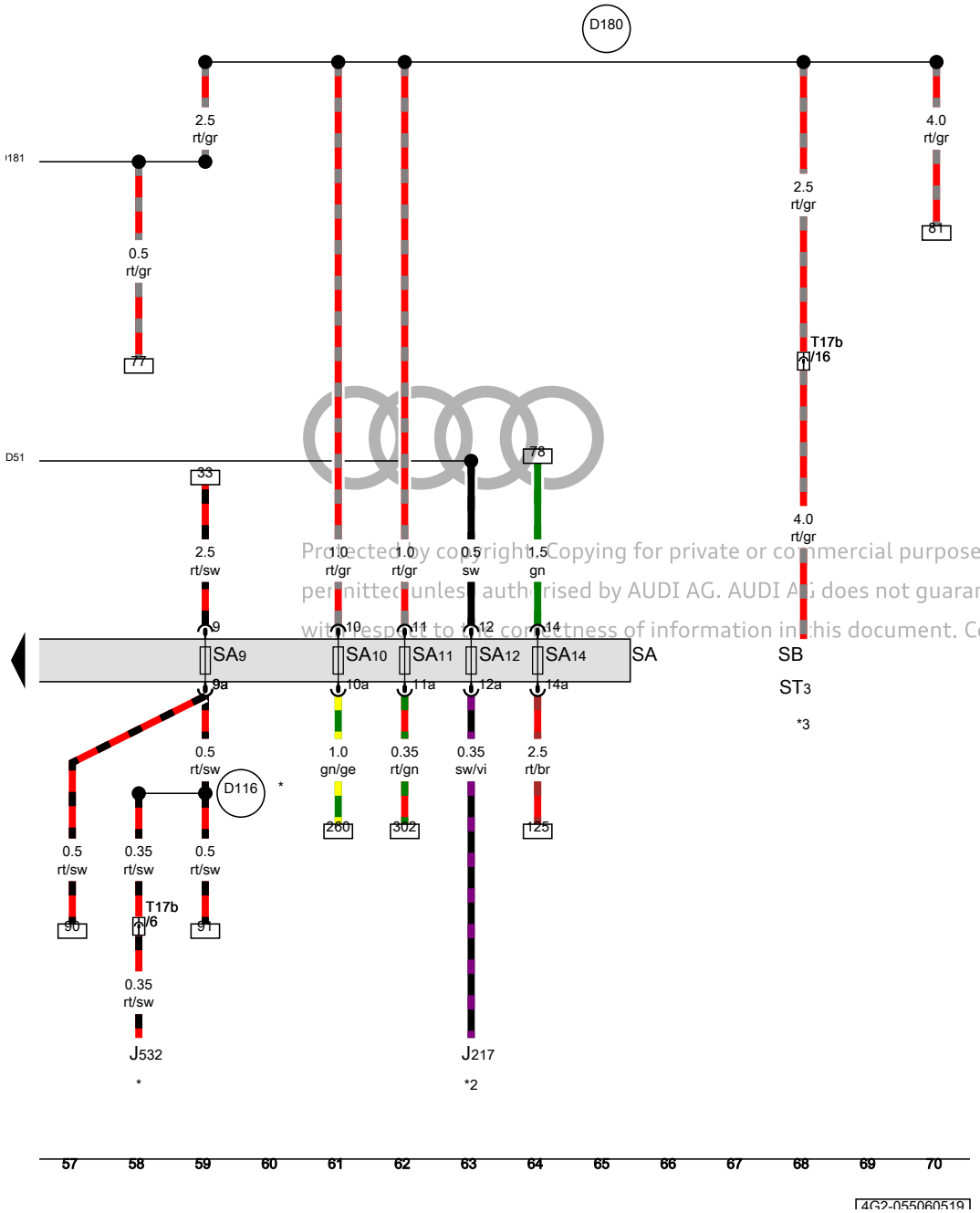


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	gradual introduction

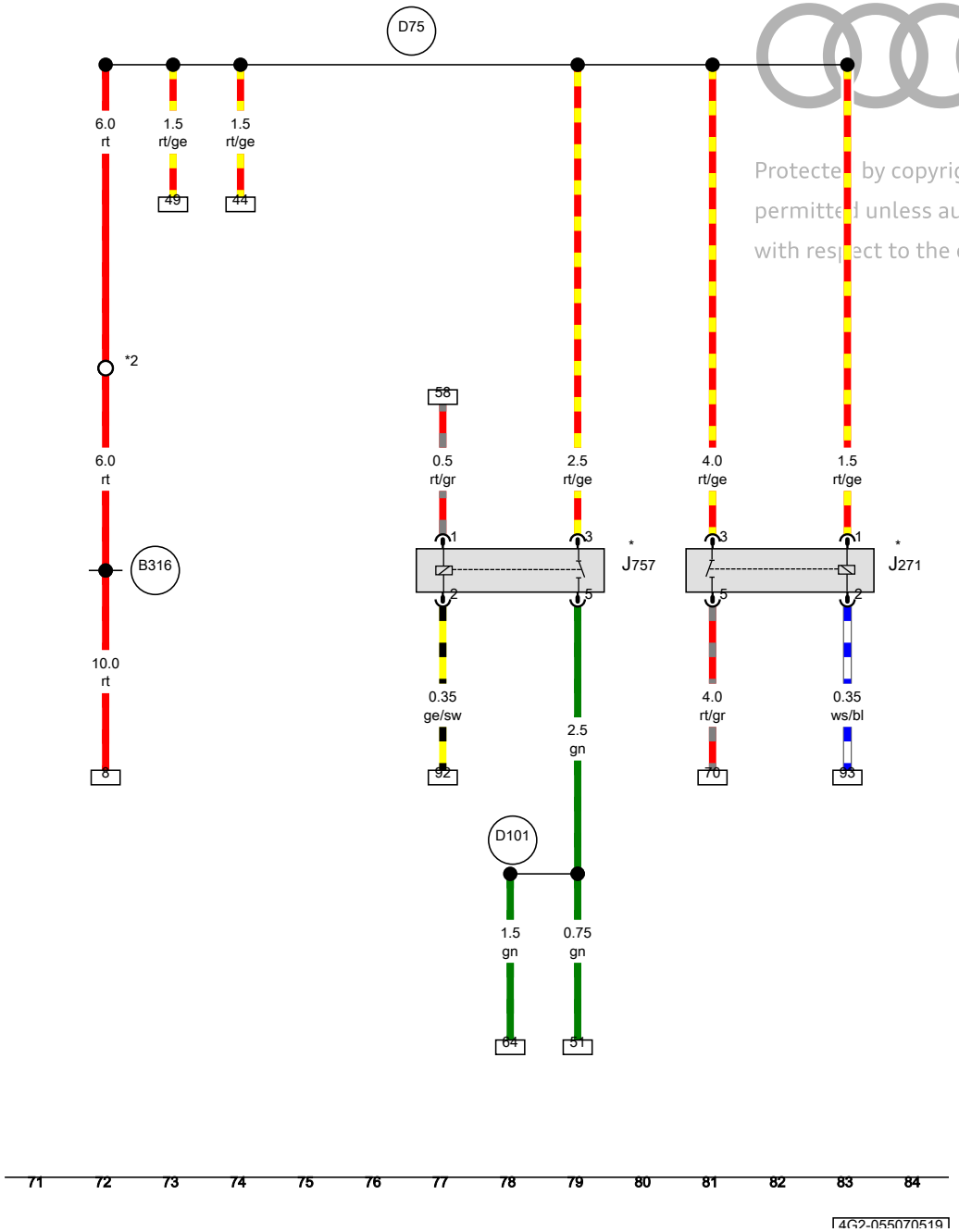


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Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
ST3	Fuse carrier 3
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA14	Fuse 14 on fuse holder A
SB	Fuse holder B
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	see applicable current flow diagram for fuse assignment

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Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

B316 Positive connection 2 (30a) in main wiring harness

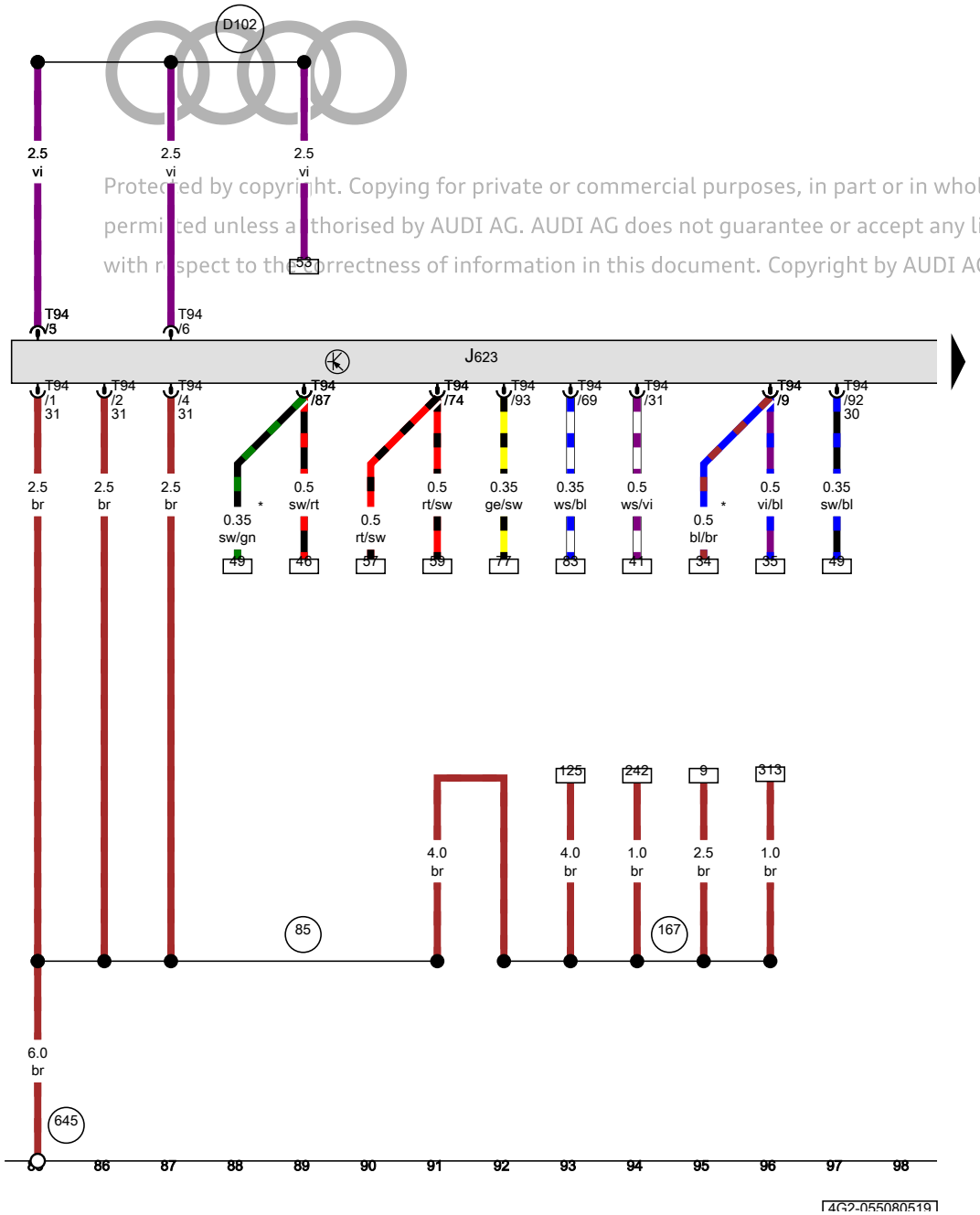
D75 Positive connection 2 (30), in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber

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Engine/motor control unit

J623 Engine/motor control unit
T94 94-pin connector

85 Earth connection 1, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

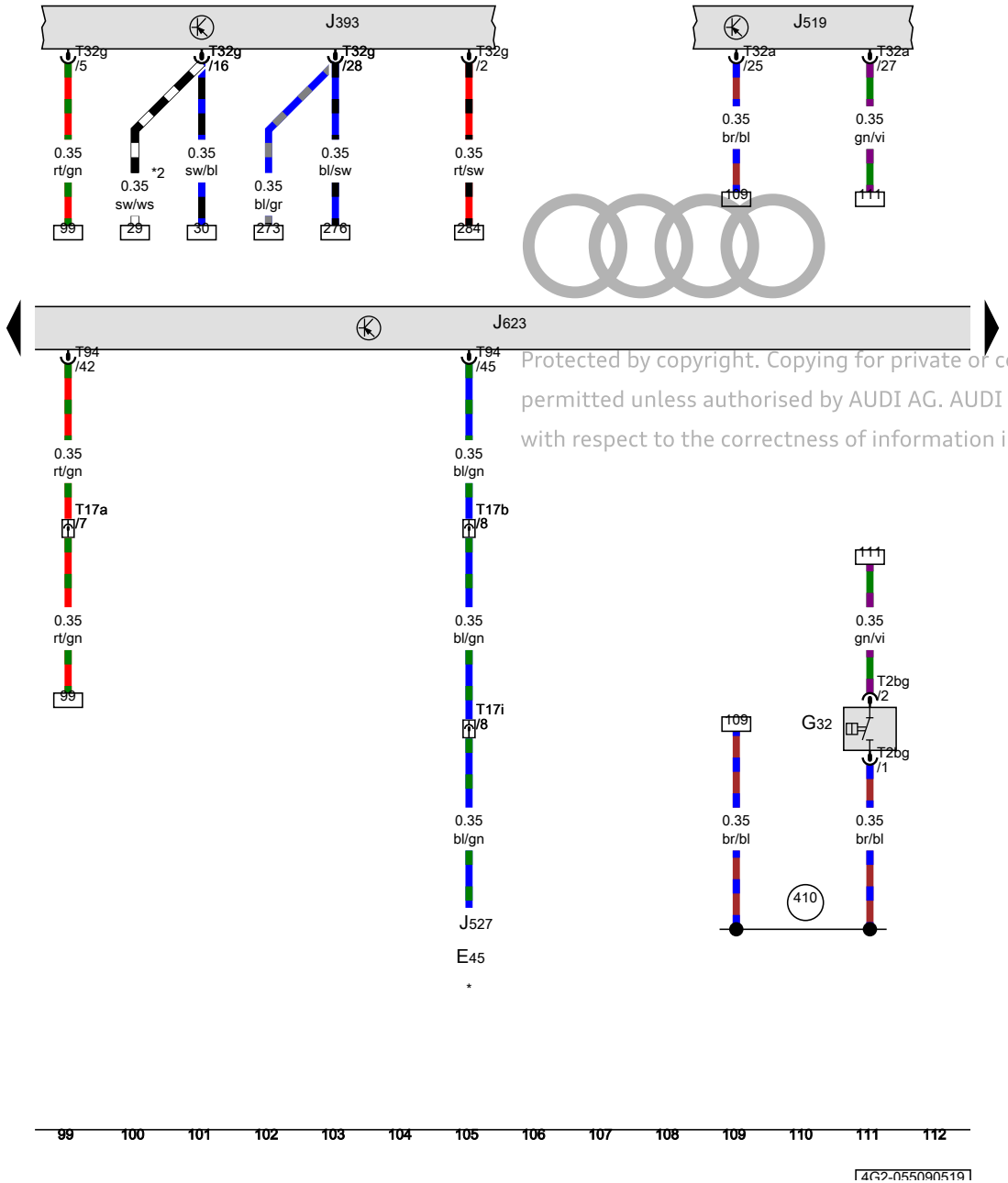
645 Earth point 1, on bulkhead

D102 Connection 2 in engine compartment wiring harness

* gradual introduction

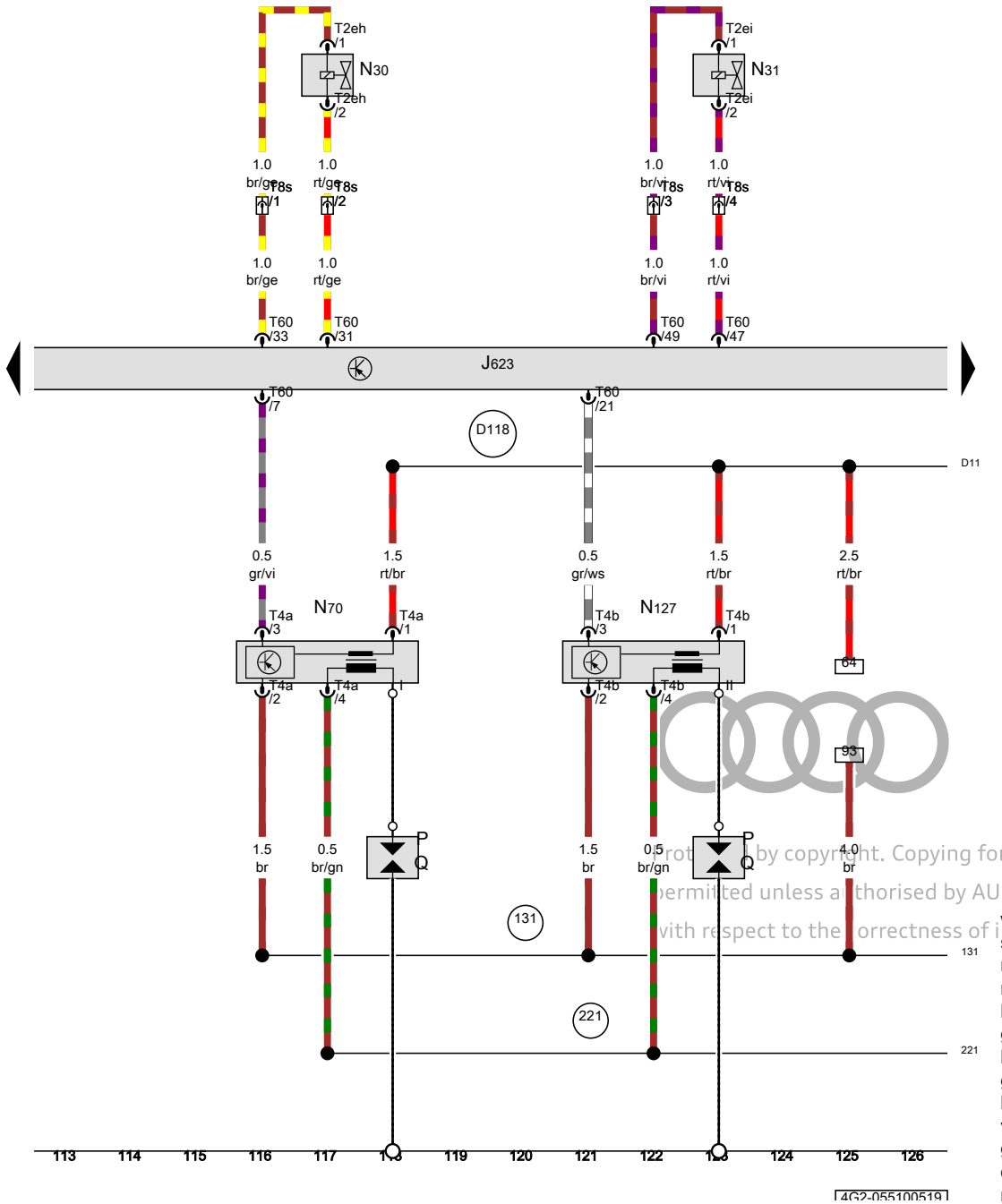
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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit



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E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	For right-hand drive models

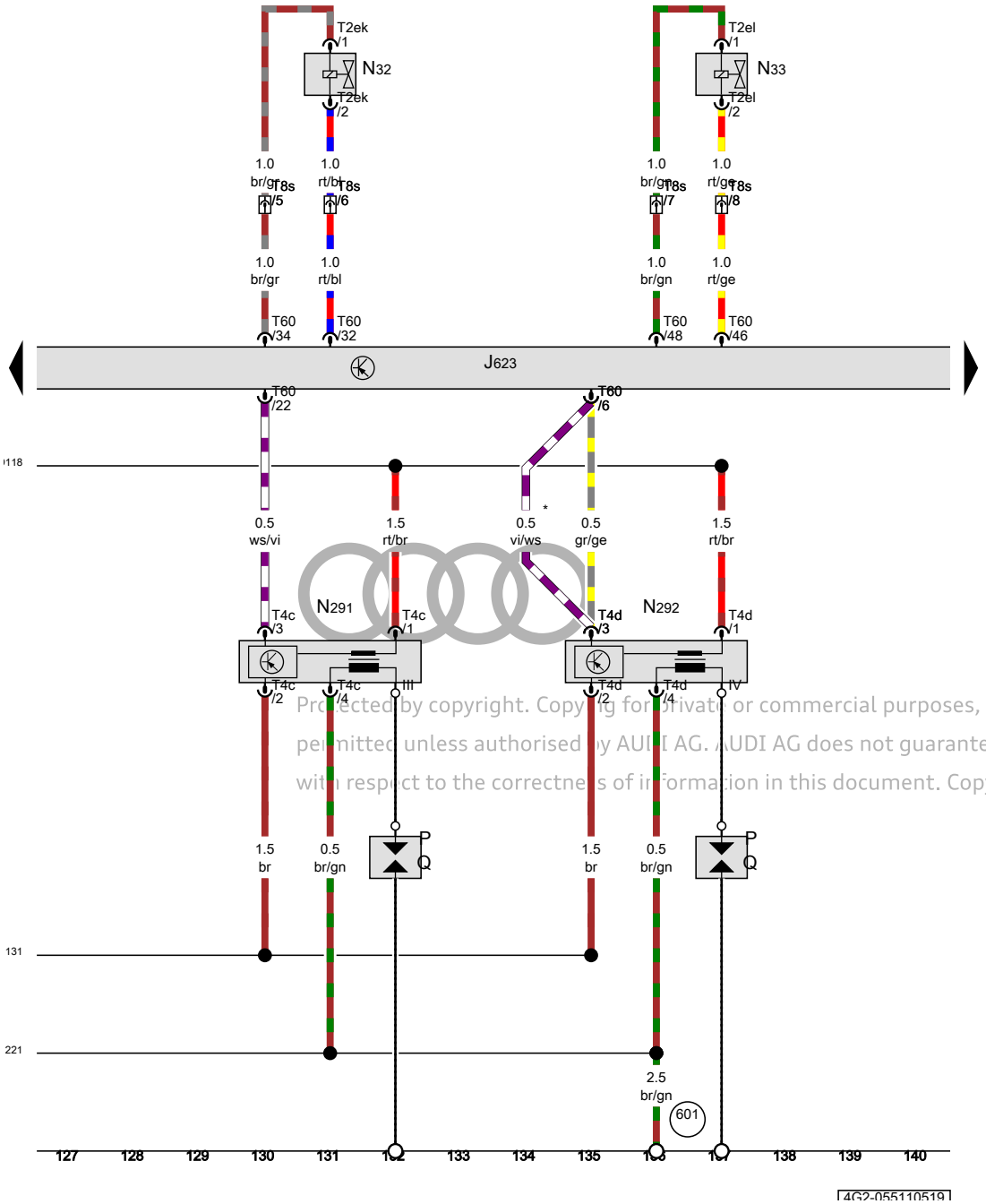


Engine/motor control unit, Injector, cylinder 1, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
P	Spark plug connector
Q	Spark plugs
T2eh	2-pin connector
T2ei	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
D118	Connection 16 in engine compartment wiring harness

ws = white
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or = orange
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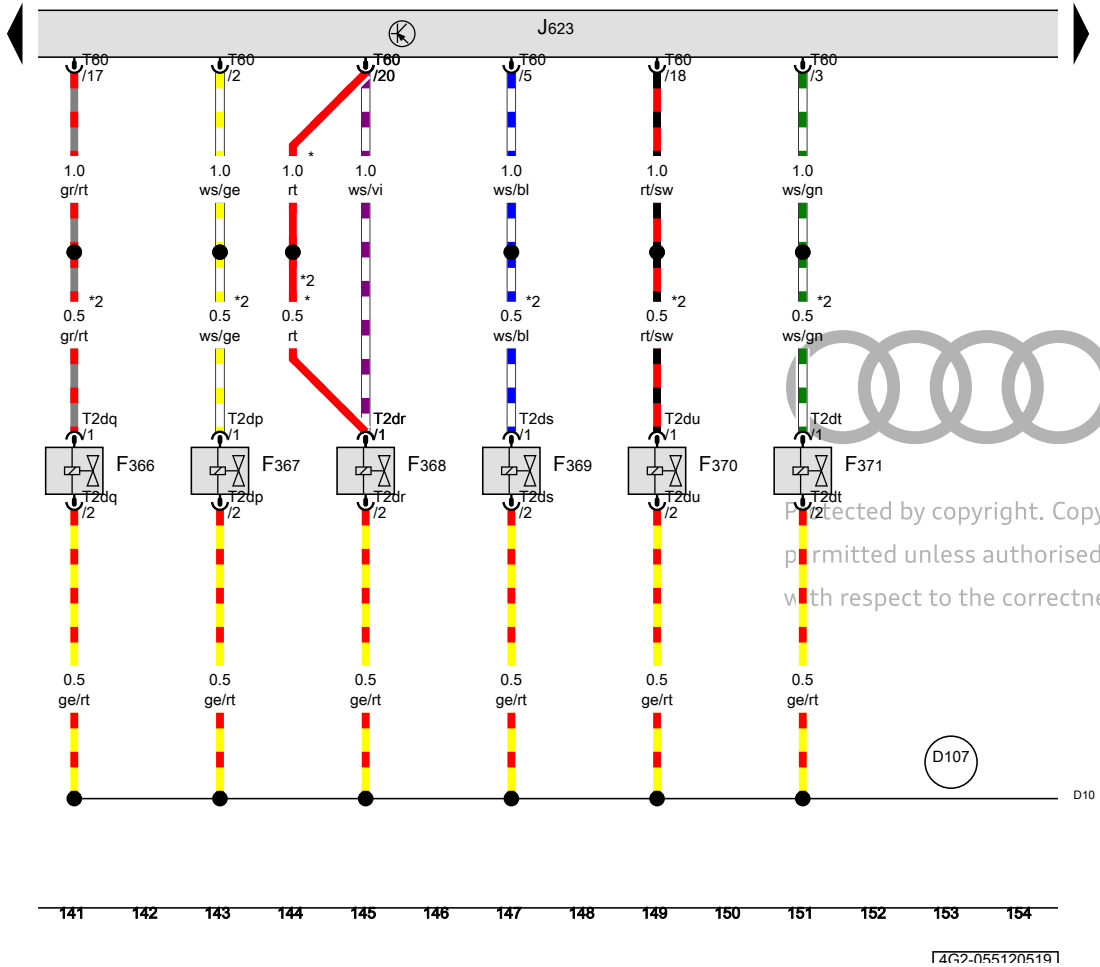
Engine/motor control unit, Injector, cylinder 4, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T2ek	2-pin connector
T2el	2-pin connector
T4c	4-pin connector
T4d	4-pin connector
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
601	Earth point, on left cylinder head
D118	Connection 16 in engine compartment wiring harness
*	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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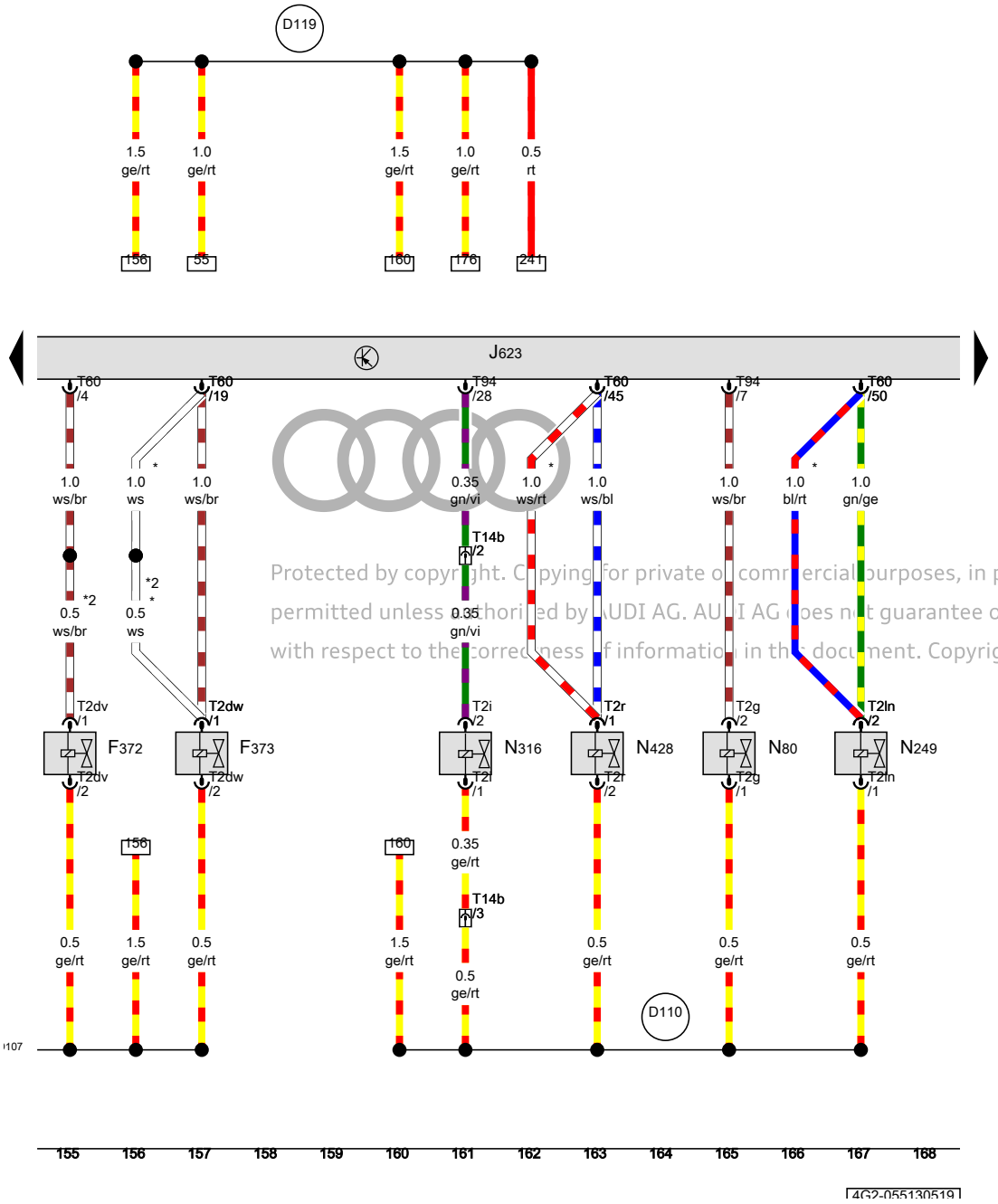
Cam adjustment actuator 2, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
J623	Engine/motor control unit
T2dp	2-pin connector
T2dq	2-pin connector
T2dr	2-pin connector
T2ds	2-pin connector
T2dt	2-pin connector
T2du	2-pin connector
T60	60-pin connector
D107	Connection 5 in engine compartment wiring harness
*	gradual introduction
*2	Cross section depends on equipment



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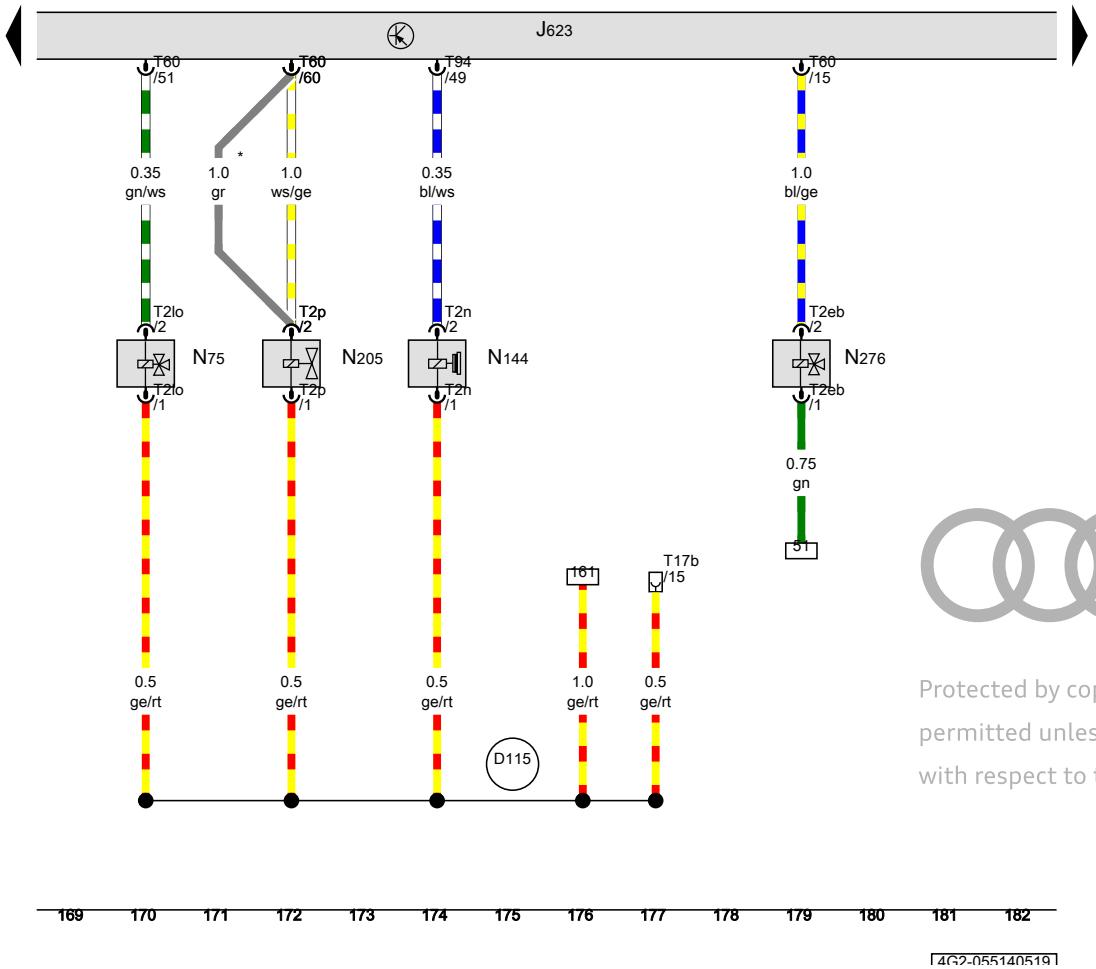
Cam adjustment actuator 7, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T2dv	2-pin connector
T2dw	2-pin connector
T2g	2-pin connector
T2i	2-pin connector
T2ln	2-pin connector
T2r	2-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
D107	Connection 5 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	gradual introduction
*2	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N144	Left electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
T2eb	2-pin connector
T2lo	2-pin connector
T2n	2-pin connector
T2p	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T60	60-pin connector
T94	94-pin connector
D115	Connection 13 in engine compartment wiring harness
*	gradual introduction



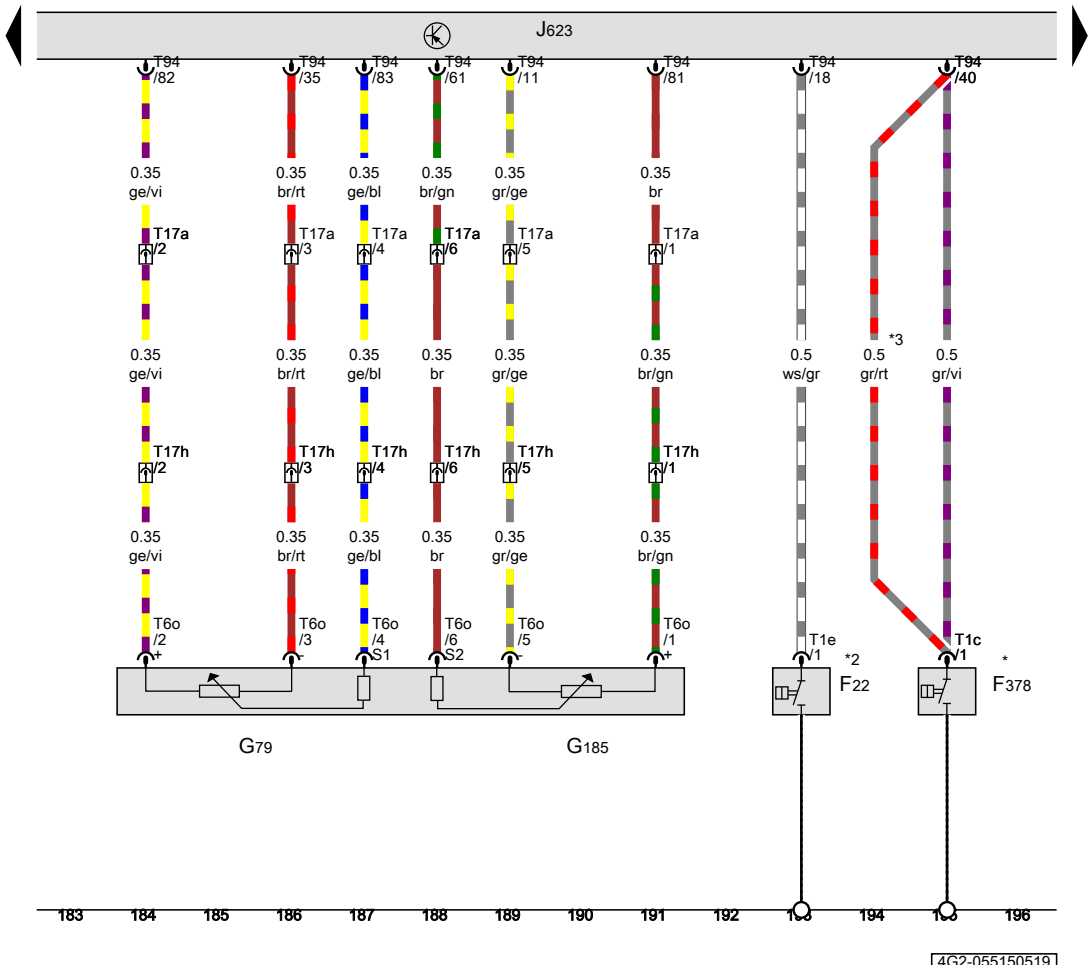
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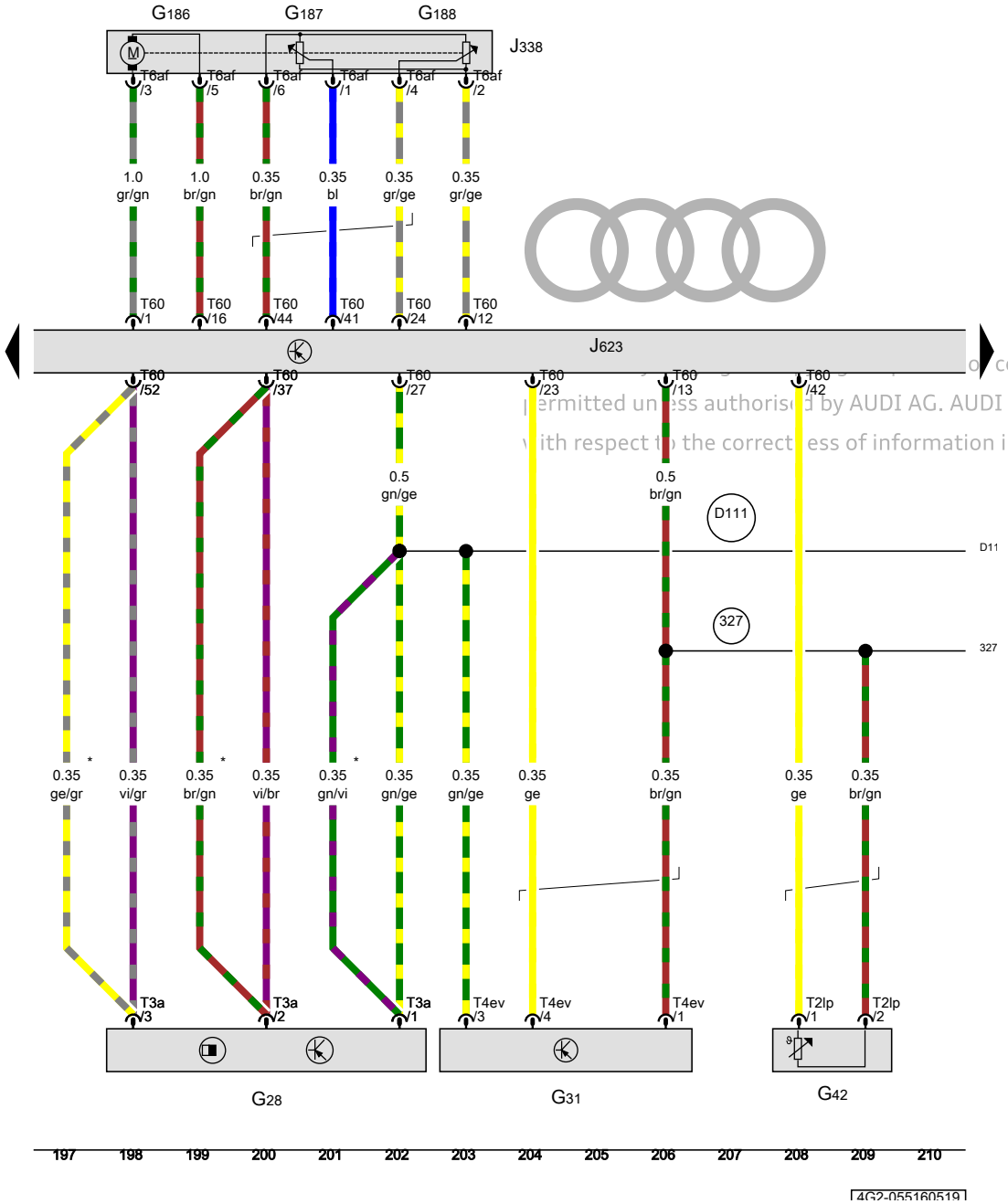
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Accelerator position sender, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T1c	1-pin connector
T1e	1-pin connector
T6o	6-pin connector
T17a	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T94	94-pin connector
*	0.9 bar
*2	2.6 bar
*3	gradual introduction



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink



Engine speed sender, Intake air temperature sender, Throttle valve module, Engine/motor control unit

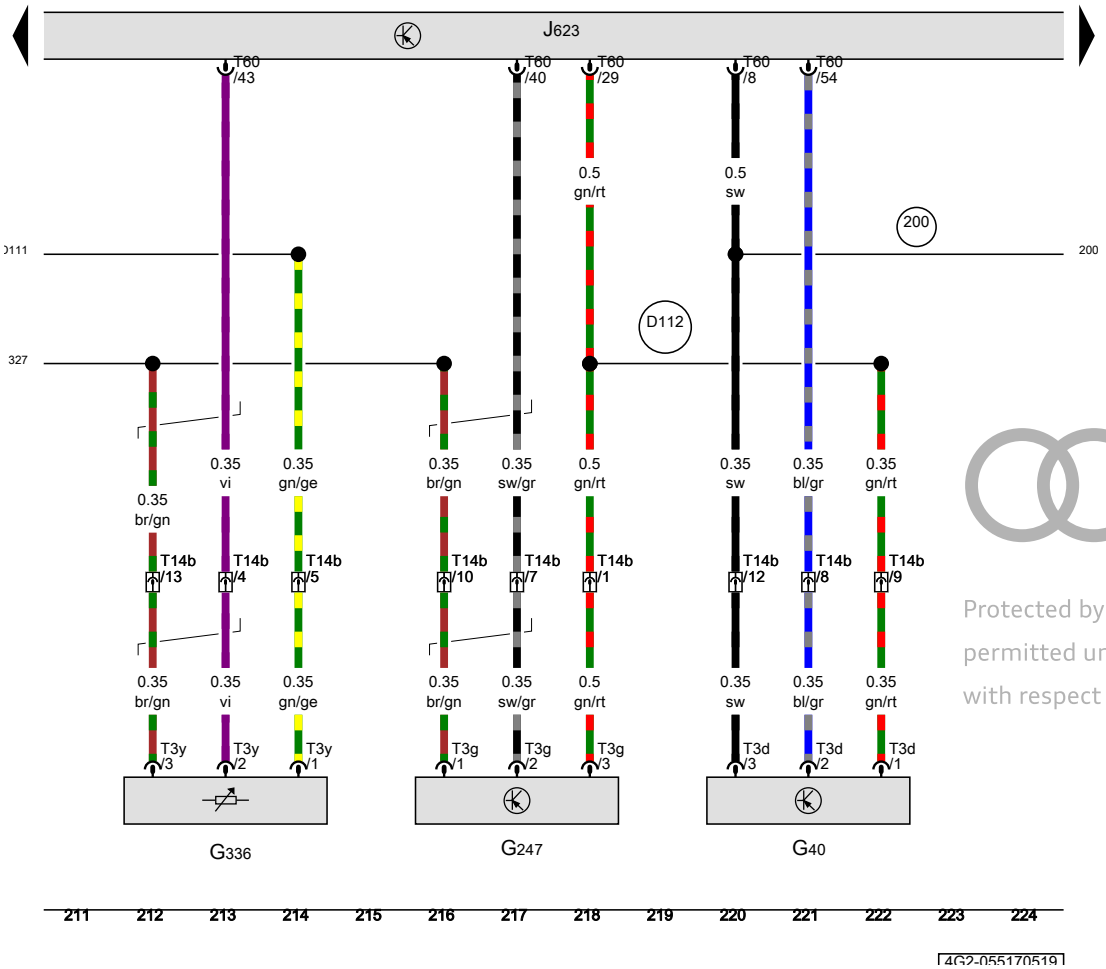
G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T2lp	2-pin connector
T3a	3-pin connector
T4ev	4-pin connector
T6af	6-pin connector
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	gradual introduction

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Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

G40	Hall sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit
T3d	3-pin connector
T3g	3-pin connector
T3y	3-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness



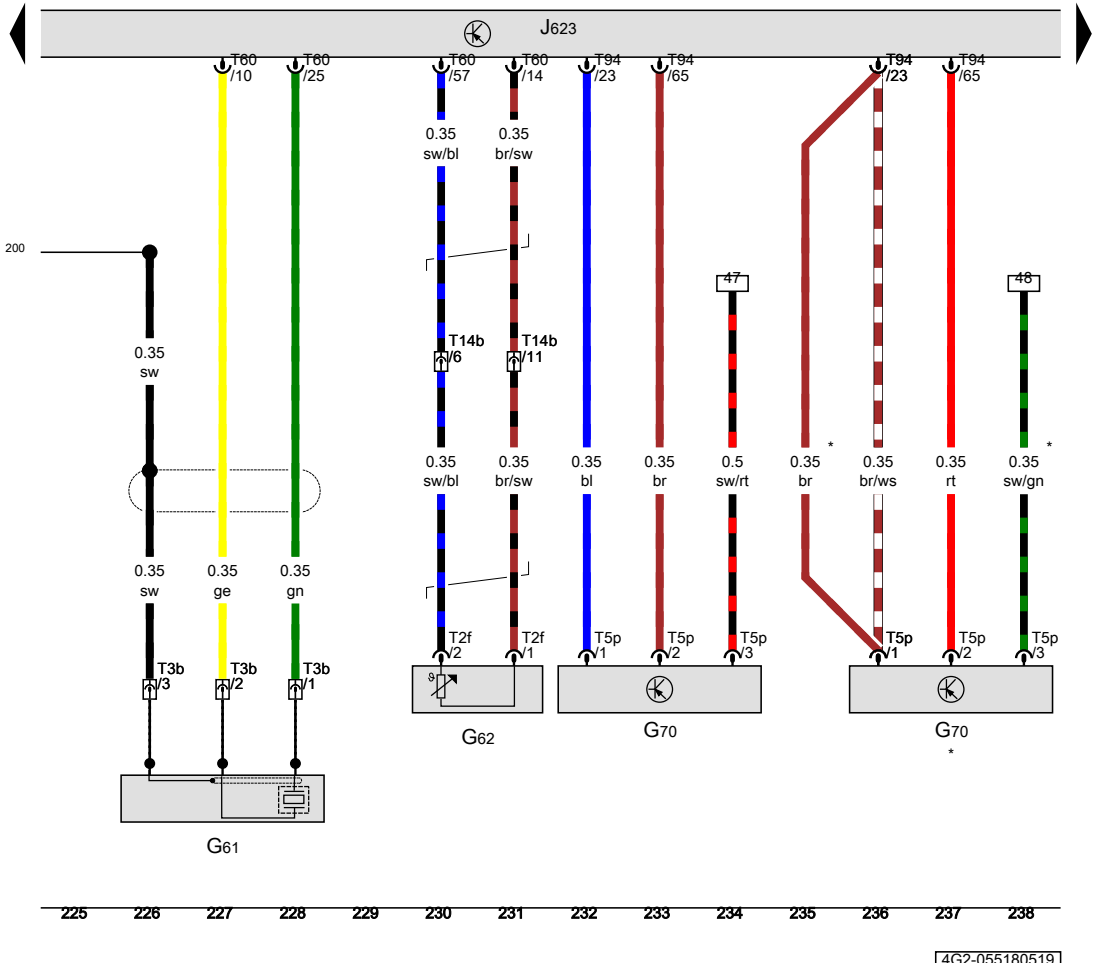
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Knock sensor 1, Coolant temperature sender, Engine/motor control unit

G61	Knock sensor 1
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine/motor control unit
T2f	2-pin connector
T3b	3-pin connector, green
T5p	5-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
*	gradual introduction

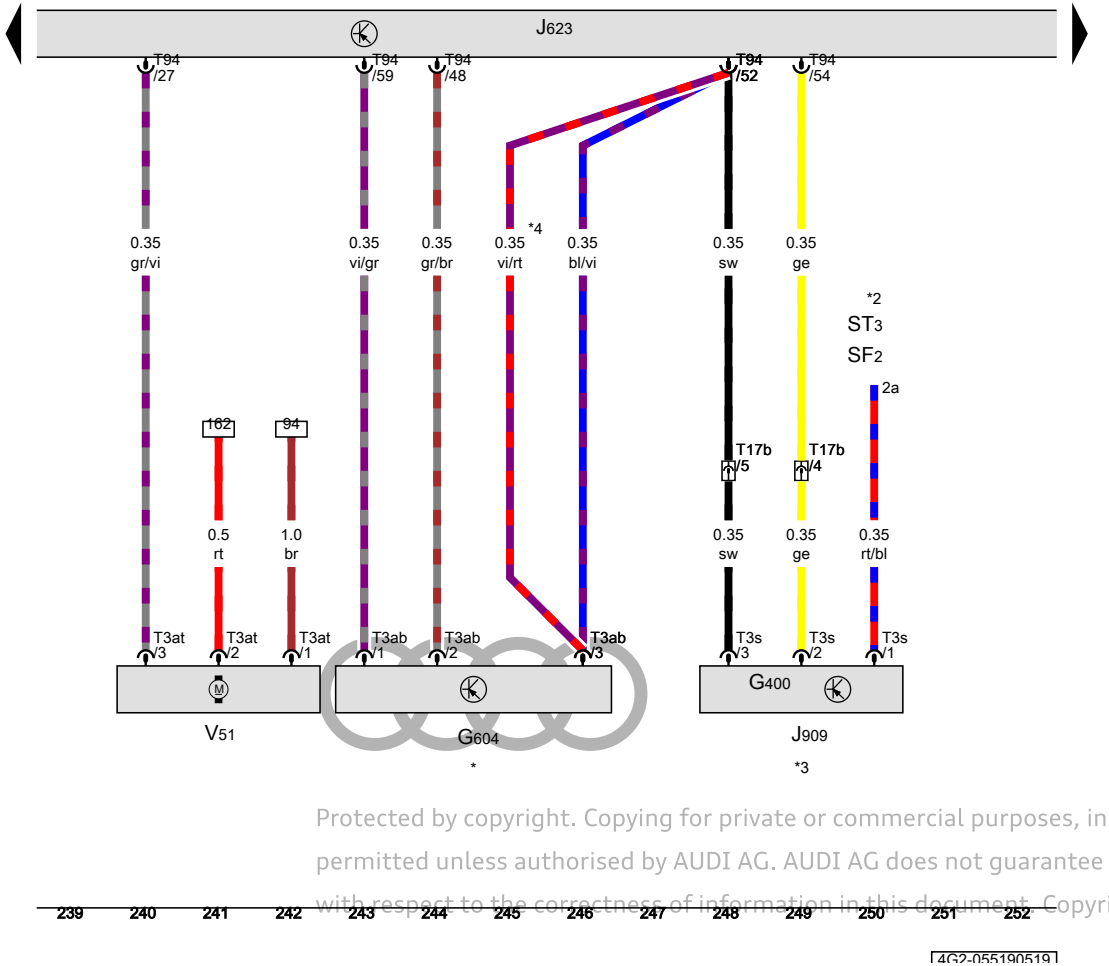
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Gear detection sensor, Engine/motor control unit, Control unit for fuel tank leak detection

G400	Tank pressure sensor
G604	Gear detection sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
T3ab	3-pin connector
T3at	3-pin connector
T3s	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T94	94-pin connector
V51	Continued coolant circulation pump
*	For models with manual gearbox
*2	see applicable current flow diagram for fuse assignment
*3	For models with fuel system diagnostic pump
*4	gradual introduction

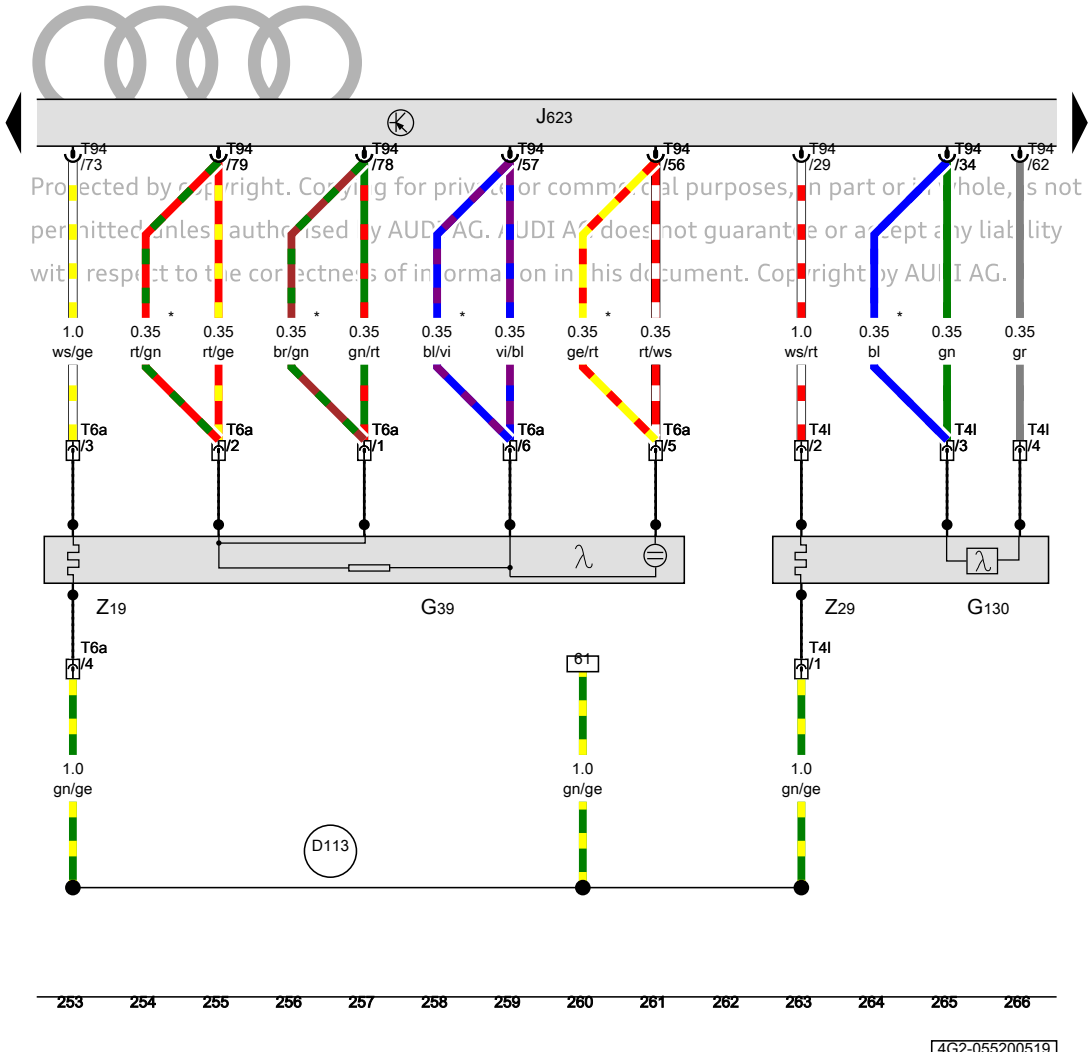


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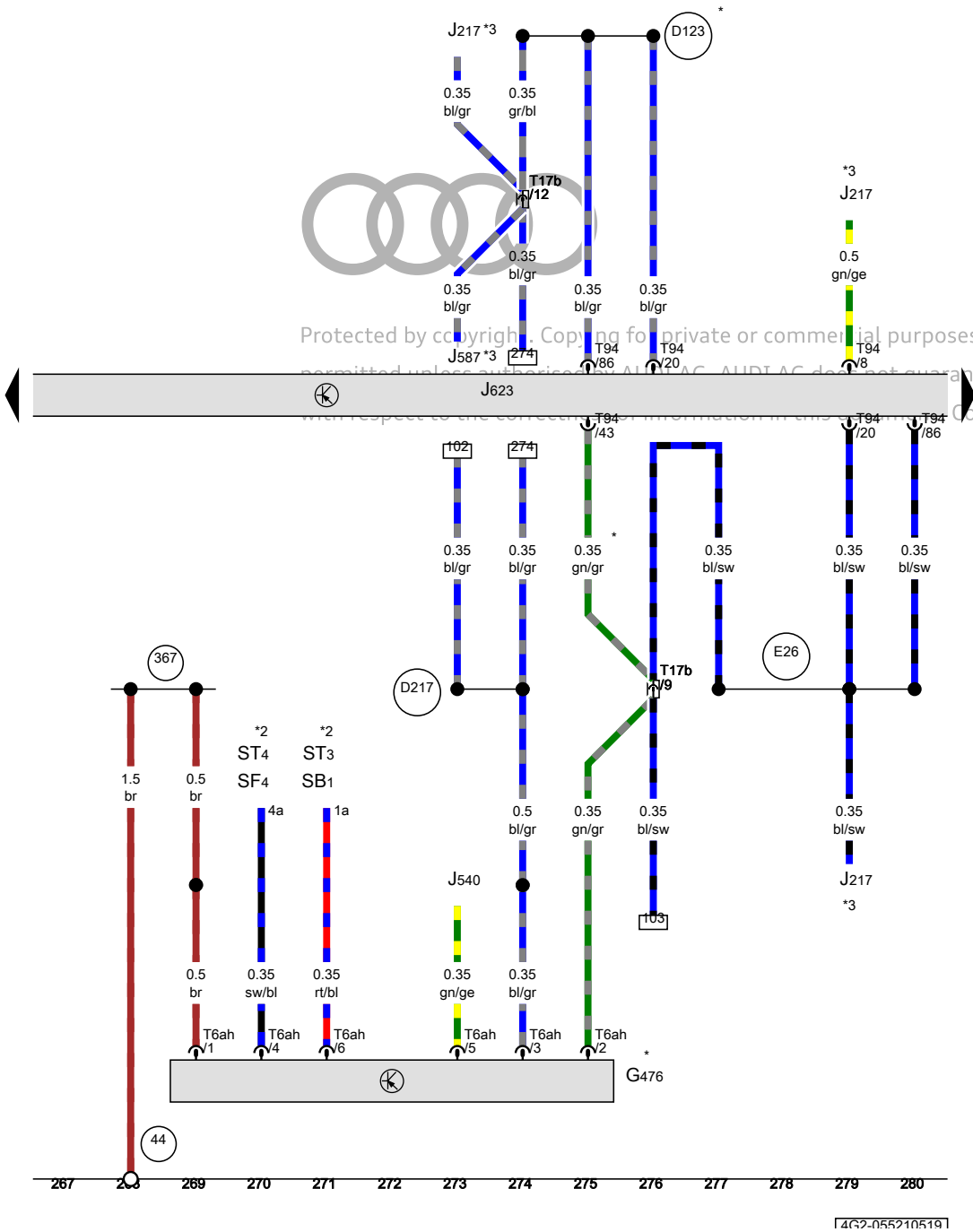
Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, black
T6a	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D113	Connection 11 in engine compartment wiring harness
*	gradual introduction



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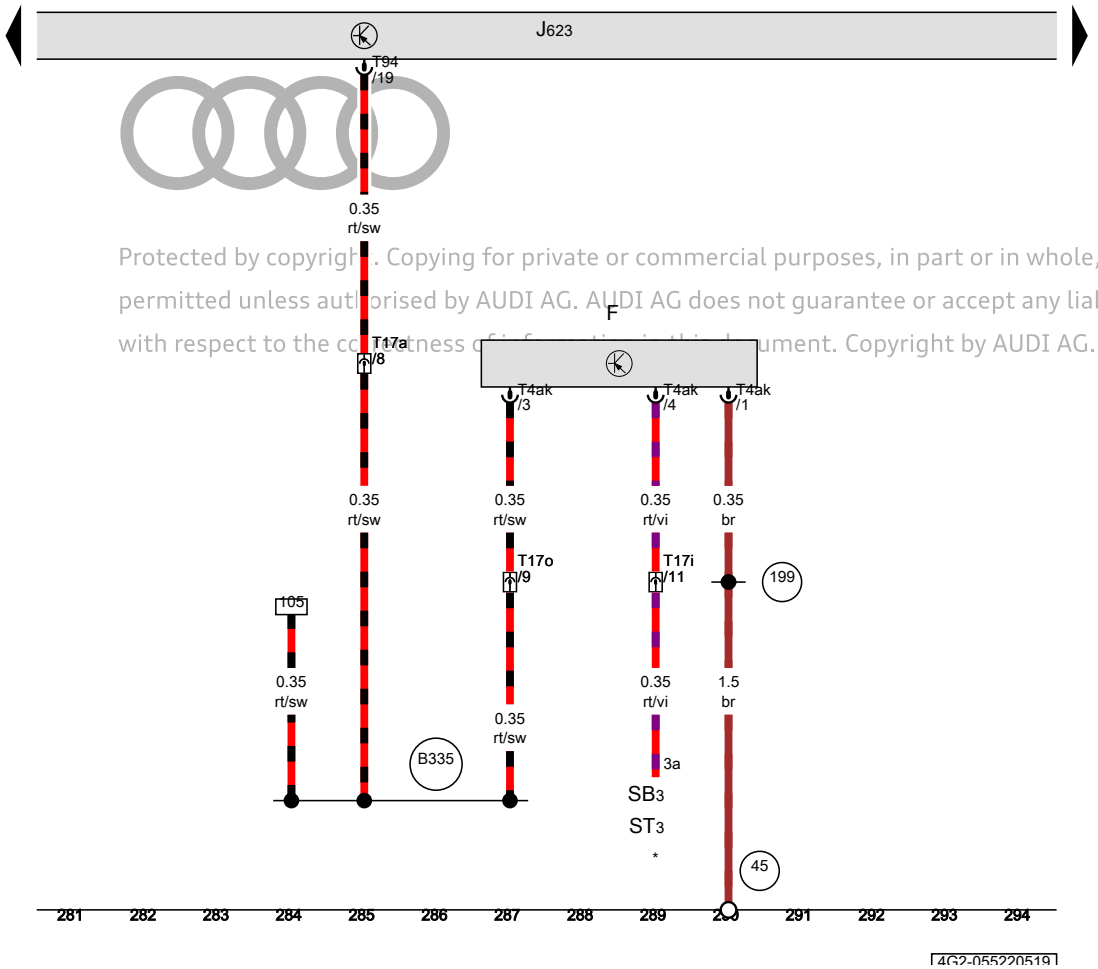


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Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J587	Selector lever sensors control unit
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T6ah	6-pin connector
T17b	17-pin connector
T94	94-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
D123	Connection 21 in engine compartment wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for automatic gearbox

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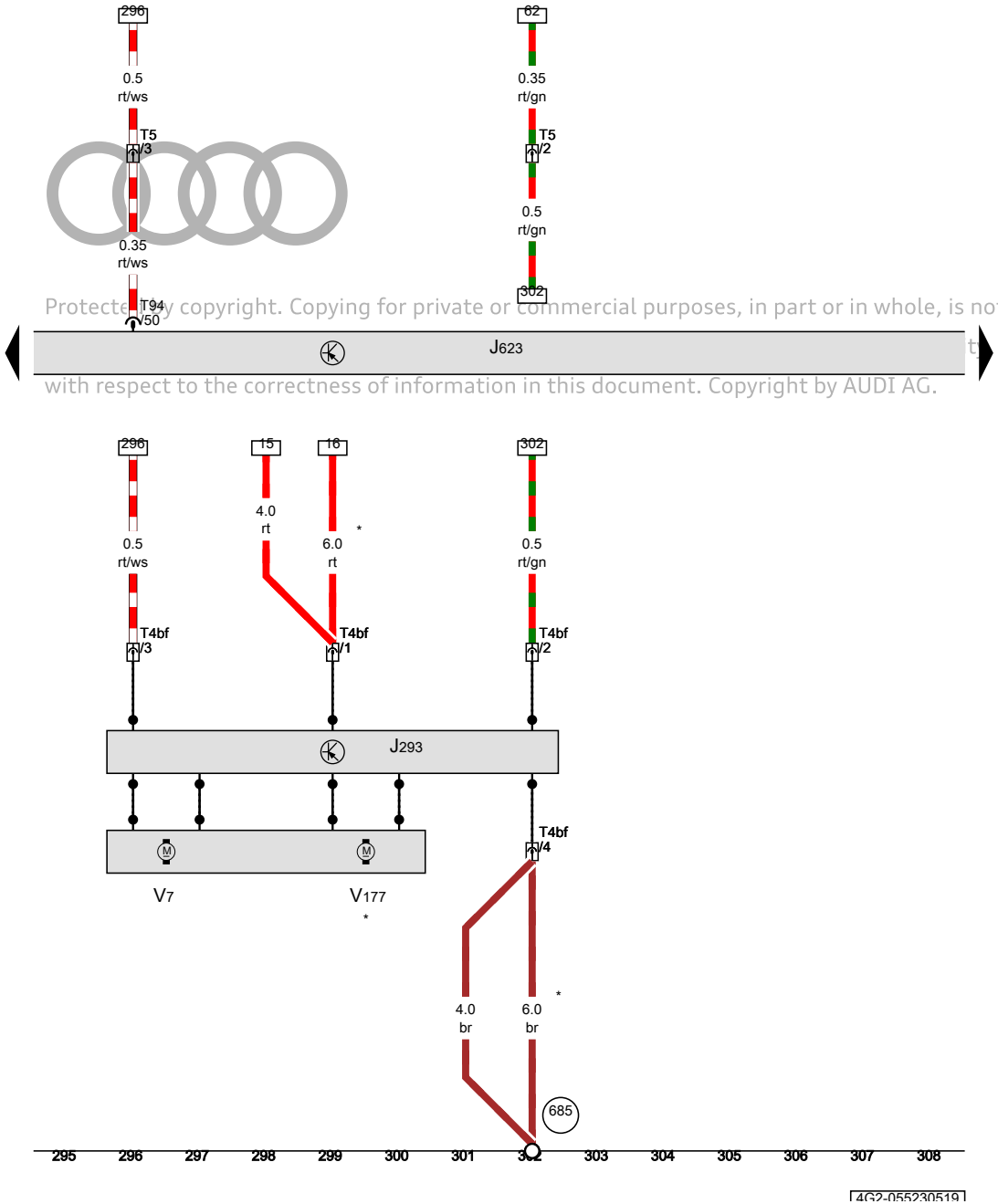
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Brake light switch, Engine/motor control unit

F	Brake light switch
J623	Engine/motor control unit
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for fuse assignment

Radiator fan control unit, Engine/motor control unit, Radiator fan, Radiator fan 2

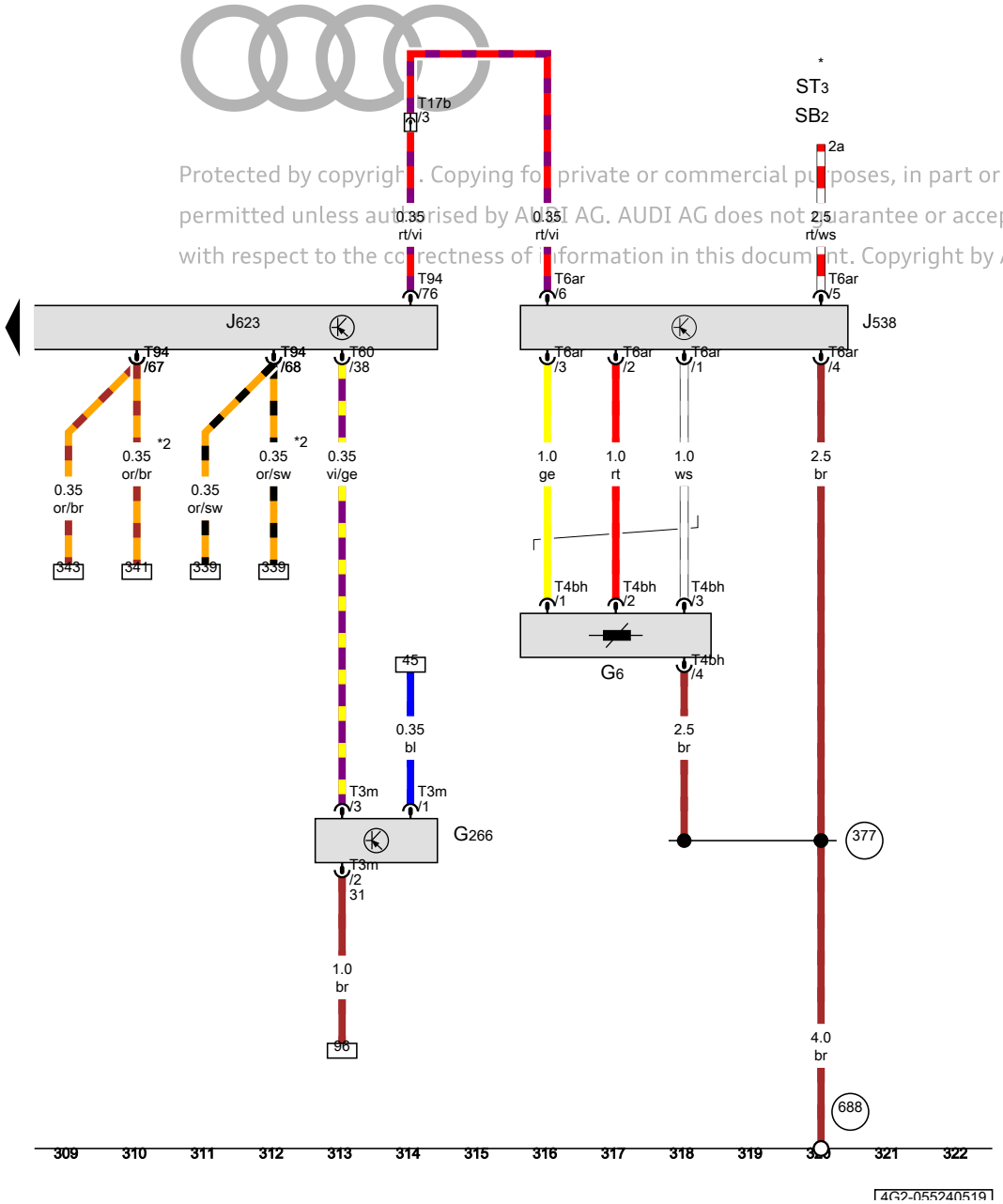
J293	Radiator fan control unit
J623	Engine/motor control unit
T4bf	4-pin connector
T5	5-pin connector, central in plenum chamber
T94	94-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
*	According to equipment



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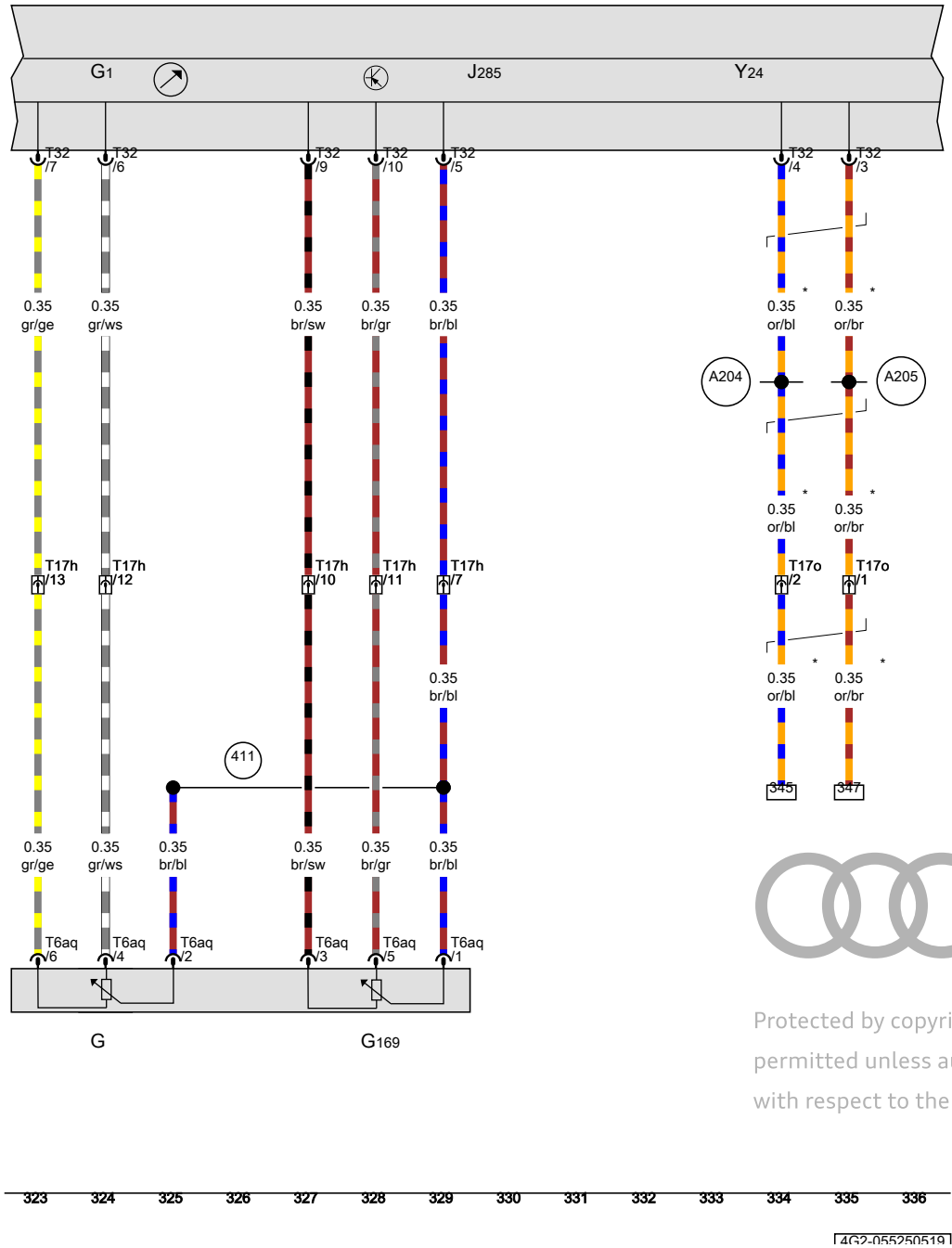
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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector
T60	60-pin connector
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox

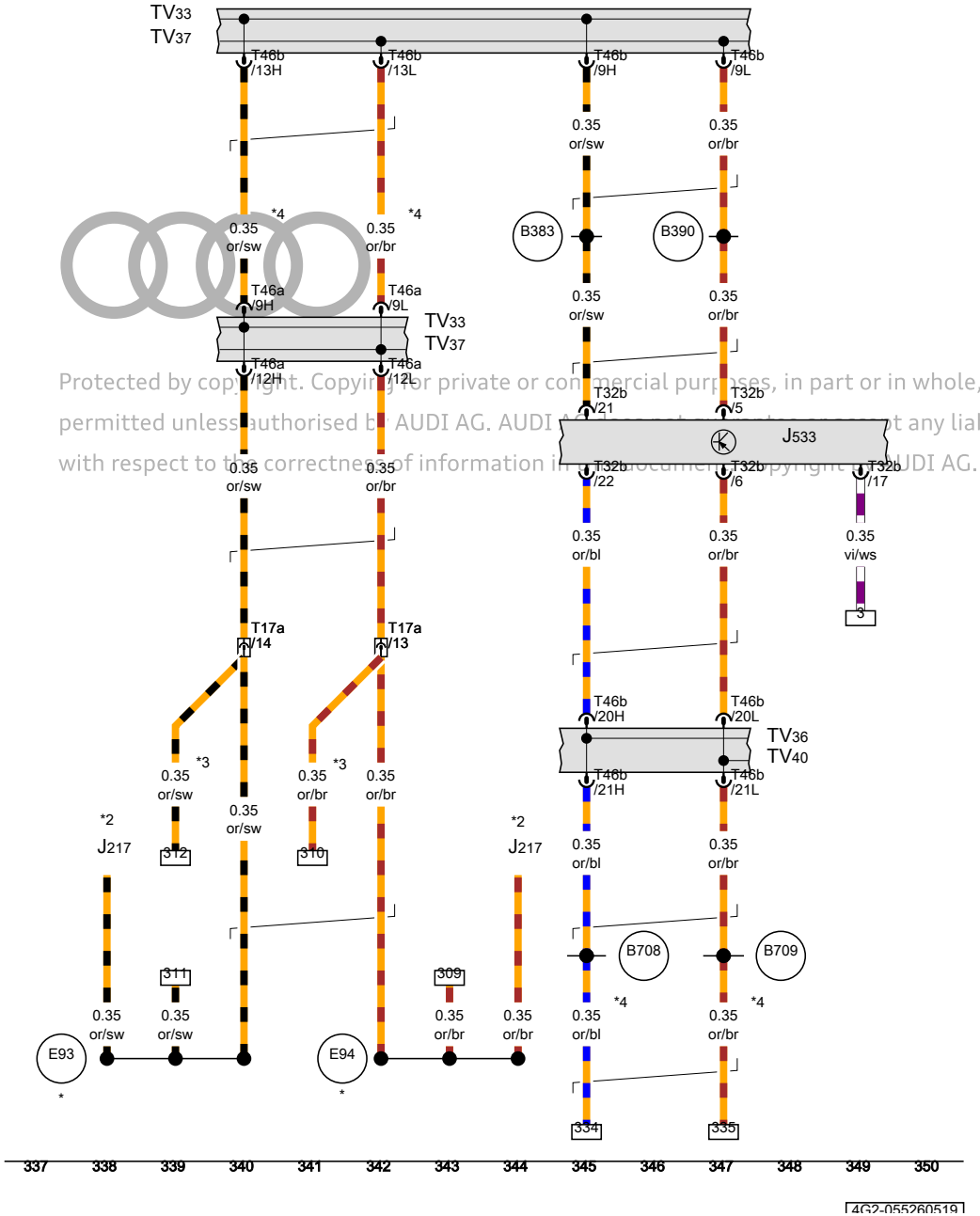


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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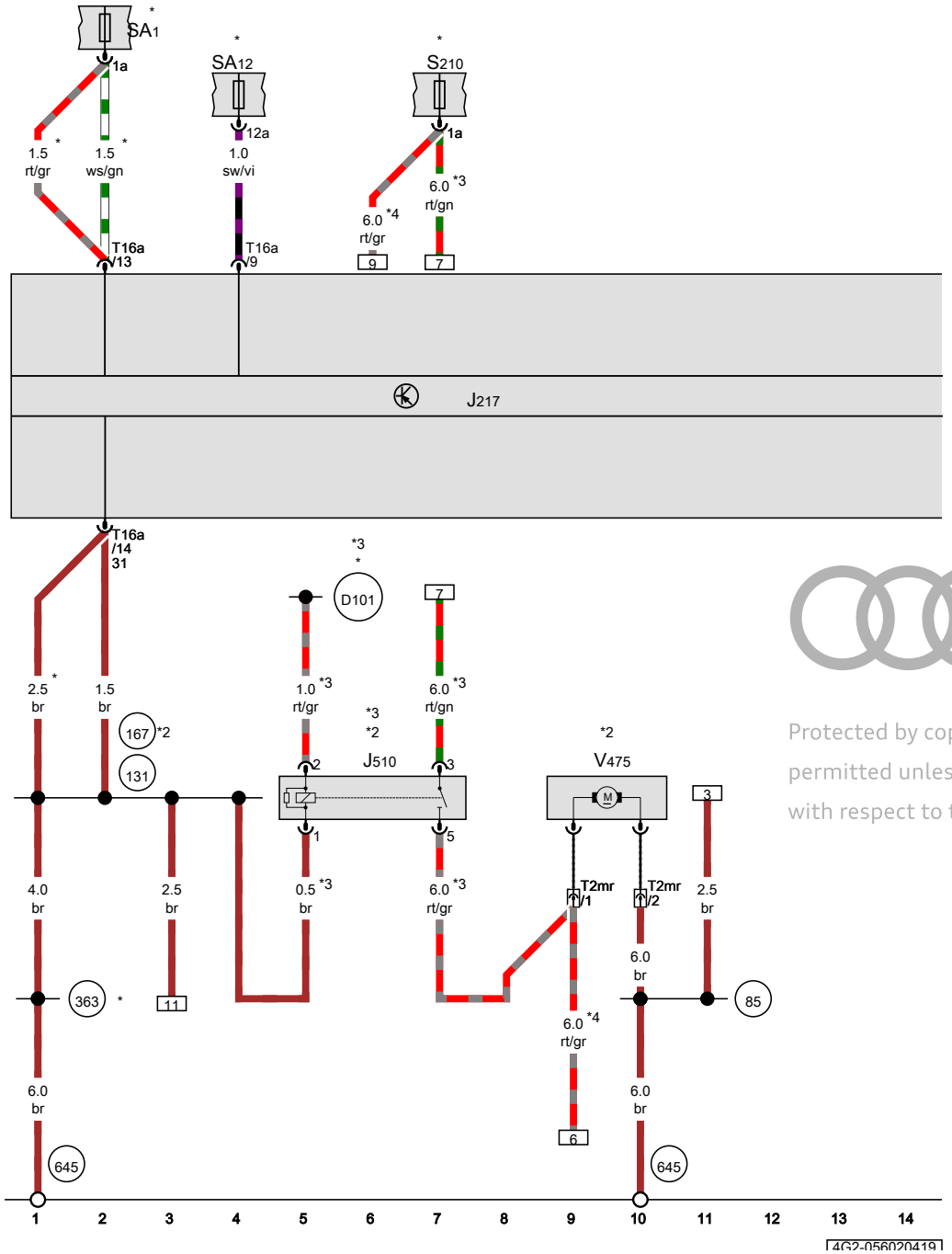
Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox
*3	For models with manual gearbox
*4	Data bus wire (CAN bus)

8-speed automatic gearbox 0BK/0BW , (G1F),(G1G)

From June 2011

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Automatic gearbox control unit, Gearbox hydraulic pump relay, Auxiliary hydraulic pump 1 for gearbox oil

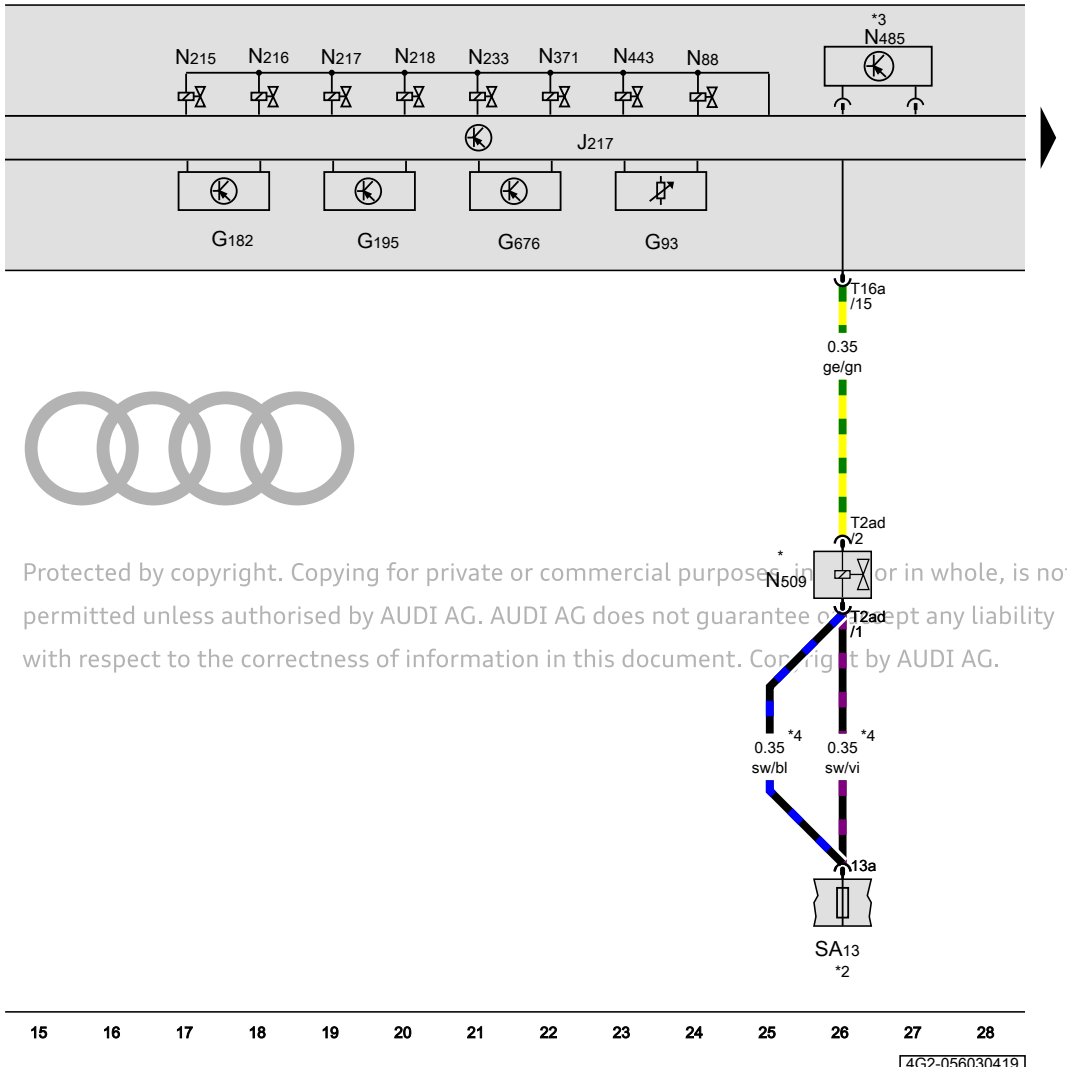
J217	Automatic gearbox control unit
J510	Gearbox hydraulic pump relay
SA1	Fuse 1 on fuse holder A
SA12	Fuse 12 on fuse holder A
S210	Fuse 7 (30)
T2mr	2-pin connector, on gearbox
T16a	16-pin connector
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
363	Earth connection 8, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D101	Connection 1 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with hybrid drive system
*3	Up to October 2016
*4	From October 2016

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Gearbox oil temperature sender, Gearbox input speed sender, Gearbox output speed sender, Gear sensor, Automatic gearbox control unit, Solenoid valve 1, Automatic gearbox pressure regulating valve 1, Accumulator solenoid, Gearbox oil cooling valve

G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
G676	Gear sensor
J217	Automatic gearbox control unit
N88	Solenoid valve 1
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N217	Automatic gearbox pressure regulating valve 3
N218	Automatic gearbox pressure regulating valve 4
N233	Automatic gearbox pressure regulating valve 5
N371	Automatic gearbox pressure regulating valve 6
N443	Automatic gearbox pressure regulating valve 7
N485	Accumulator solenoid
N509	Gearbox oil cooling valve
SA13	Fuse 13 on fuse holder A
T2ad	2-pin connector
T16a	16-pin connector
*	According to equipment
*2	see applicable current flow diagram for engine
*3	For models with start/stop system
*4	Wiring colour depends on equipment

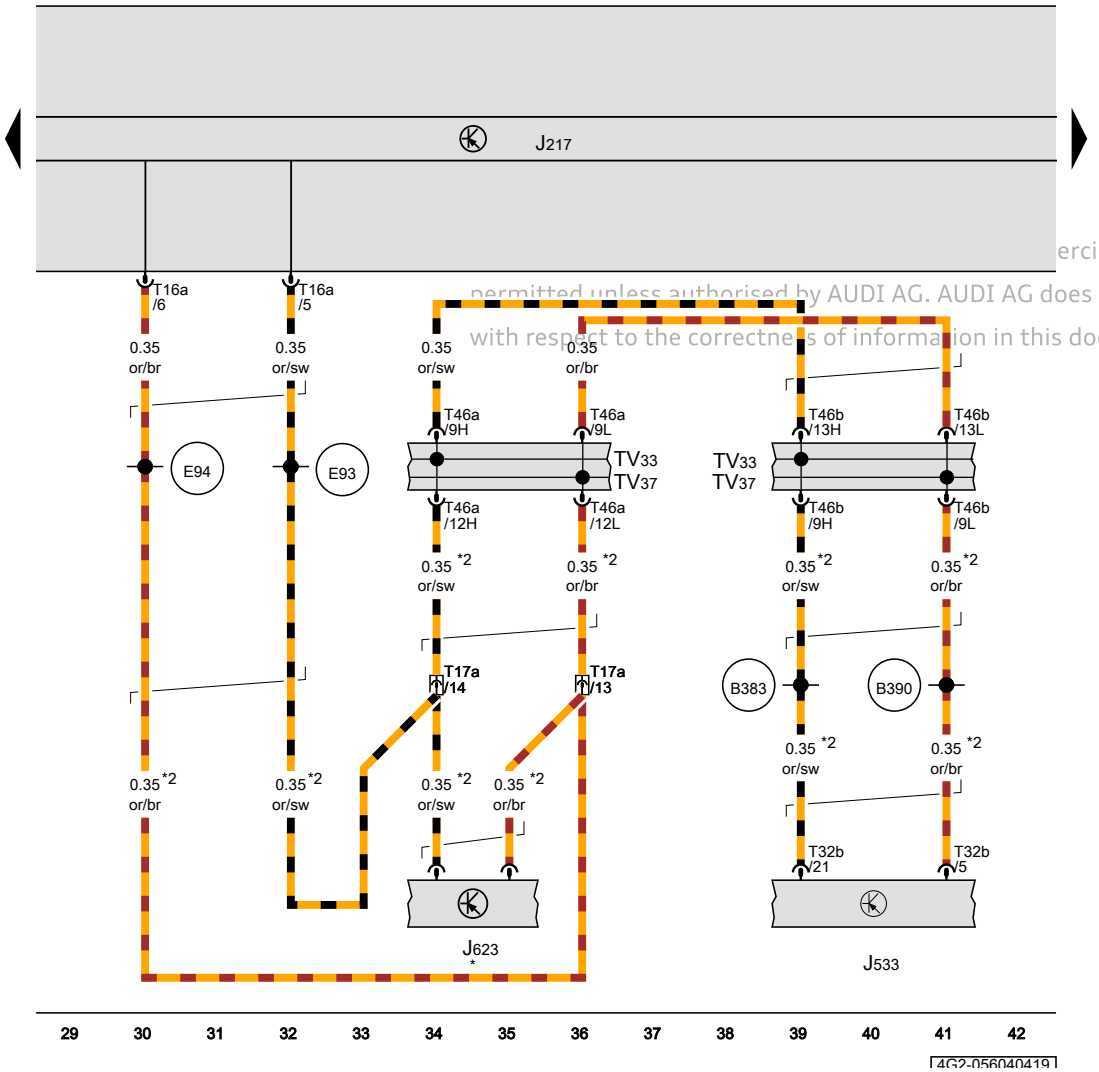


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Automatic gearbox control unit, Wiring junction for powertrain CAN bus, high

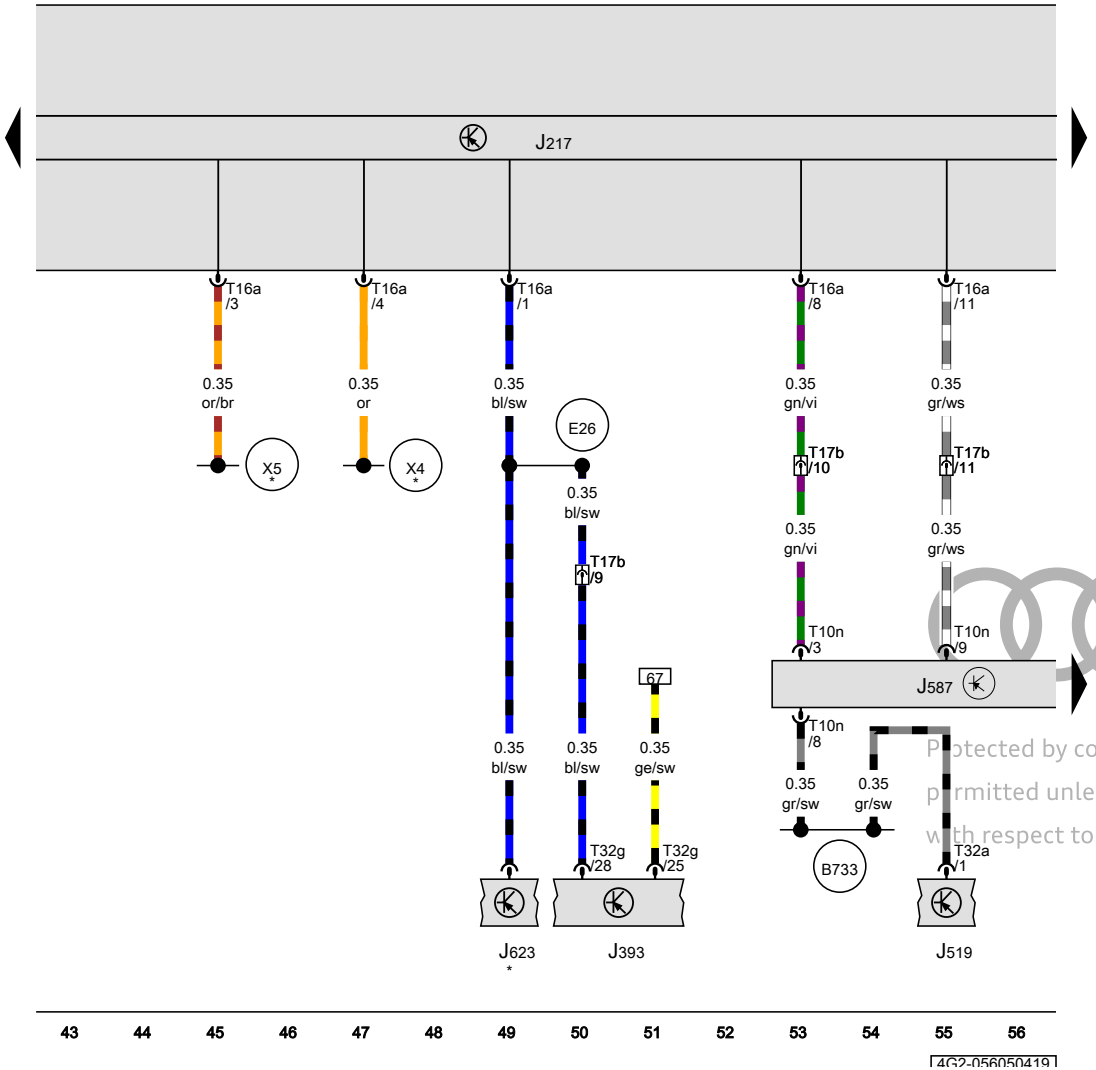
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine/motor control unit
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	Data bus wire (CAN bus)



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Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit



J217 Automatic gearbox control unit
J393 Convenience system central control unit
J519 Onboard supply control unit
J587 Selector lever sensors control unit
J623 Engine/motor control unit
T10n 10-pin connector
T16a 16-pin connector
T17b 17-pin connector, Coupling station, E-box on left in plenum chamber
T32a 32-pin connector
T32g 32-pin connector

B733 Connection 3 (58s), in main wiring harness

E26 Connection (selector position P/N), in Motronic wiring harness

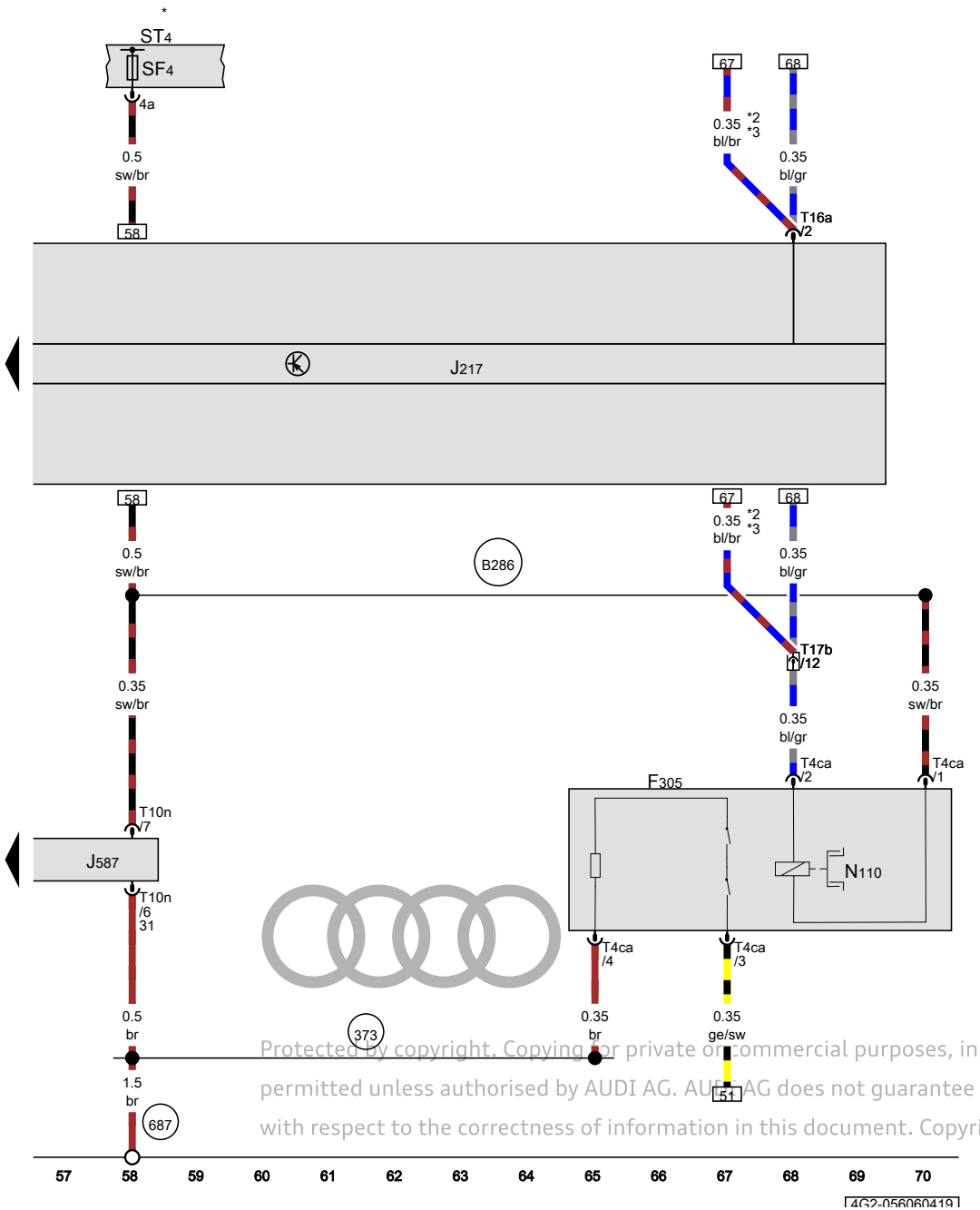
X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness

X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness

* see applicable current flow diagram for engine

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Gear selector position P switch, Automatic gearbox control unit, Selector lever sensors control unit, Selector lever lock solenoid

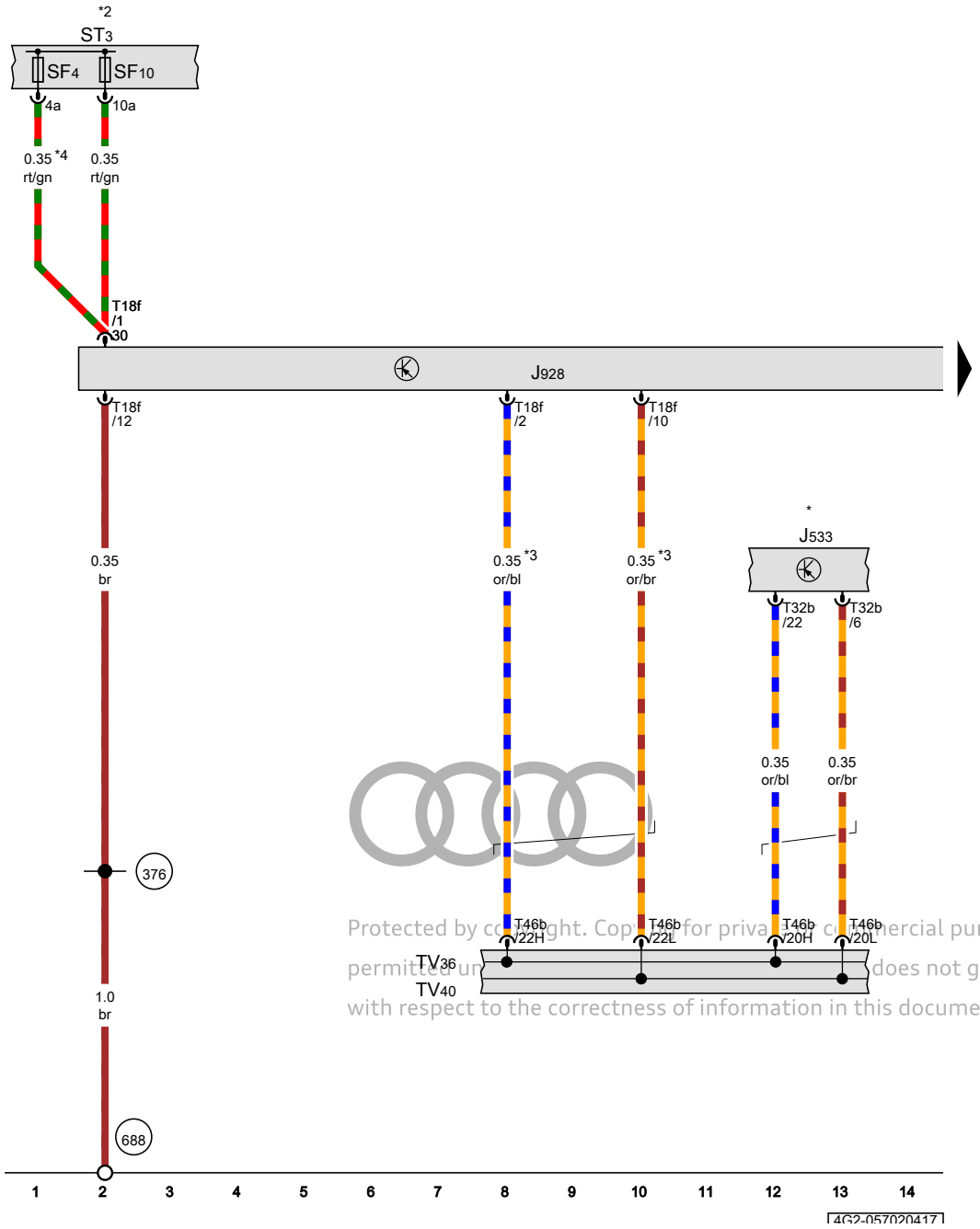
F305	Gear selector position P switch
J217	Automatic gearbox control unit
J587	Selector lever sensors control unit
N110	Selector lever lock solenoid
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T4ca	4-pin connector
T10n	10-pin connector
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B286	Positive connection 10 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with hybrid drive system
*3	From October 2016

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Overhead view camera , (KA6)

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Control unit for overhead view camera

J533	Data bus diagnostic interface
J928	Control unit for overhead view camera
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SF10	Fuse 10 in fuse holder F
T18f	18-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for data bus network
*2	see applicable current flow diagram for fuse assignment
*3	Data bus wire (CAN bus)
*4	From June 2014

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Control unit for overhead view camera

J794	Control unit 1 for information electronics
J928	Control unit for overhead view camera
T2lt	2-pin connector
T12c	12-pin connector
T12g	12-pin connector
*	see applicable current flow diagram for MMI (information electronics)
*2	Only models with RMC radio system

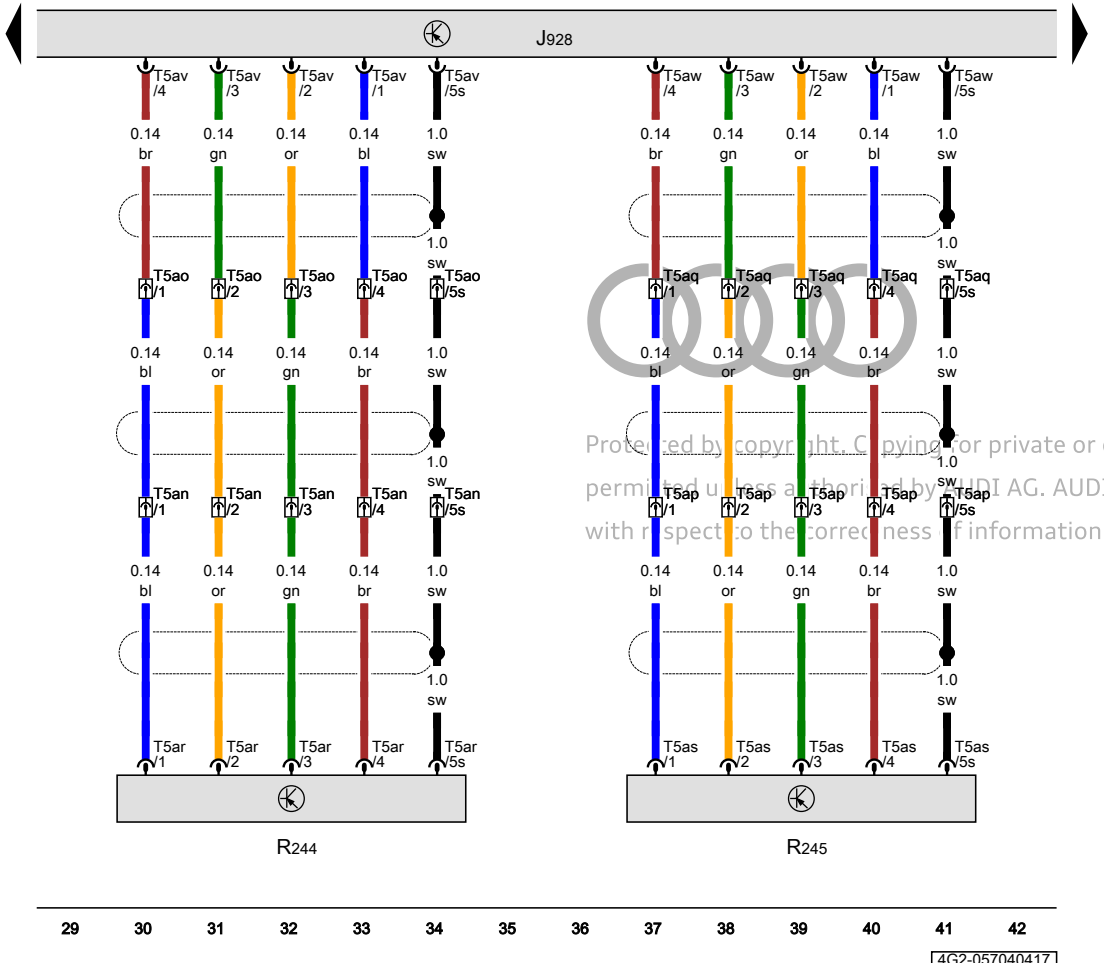


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Control unit for overhead view camera, Left overhead view camera, Right overhead view camera

J928	Control unit for overhead view camera
R244	Left overhead view camera
R245	Right overhead view camera
T5an	5-pin connector, in driver door
T5ao	5-pin connector, on left A-pillar
T5ap	5-pin connector, in front passenger door
T5aq	5-pin connector, on right A-pillar
T5ar	5-pin connector
T5as	5-pin connector
T5av	5-pin connector
T5aw	5-pin connector

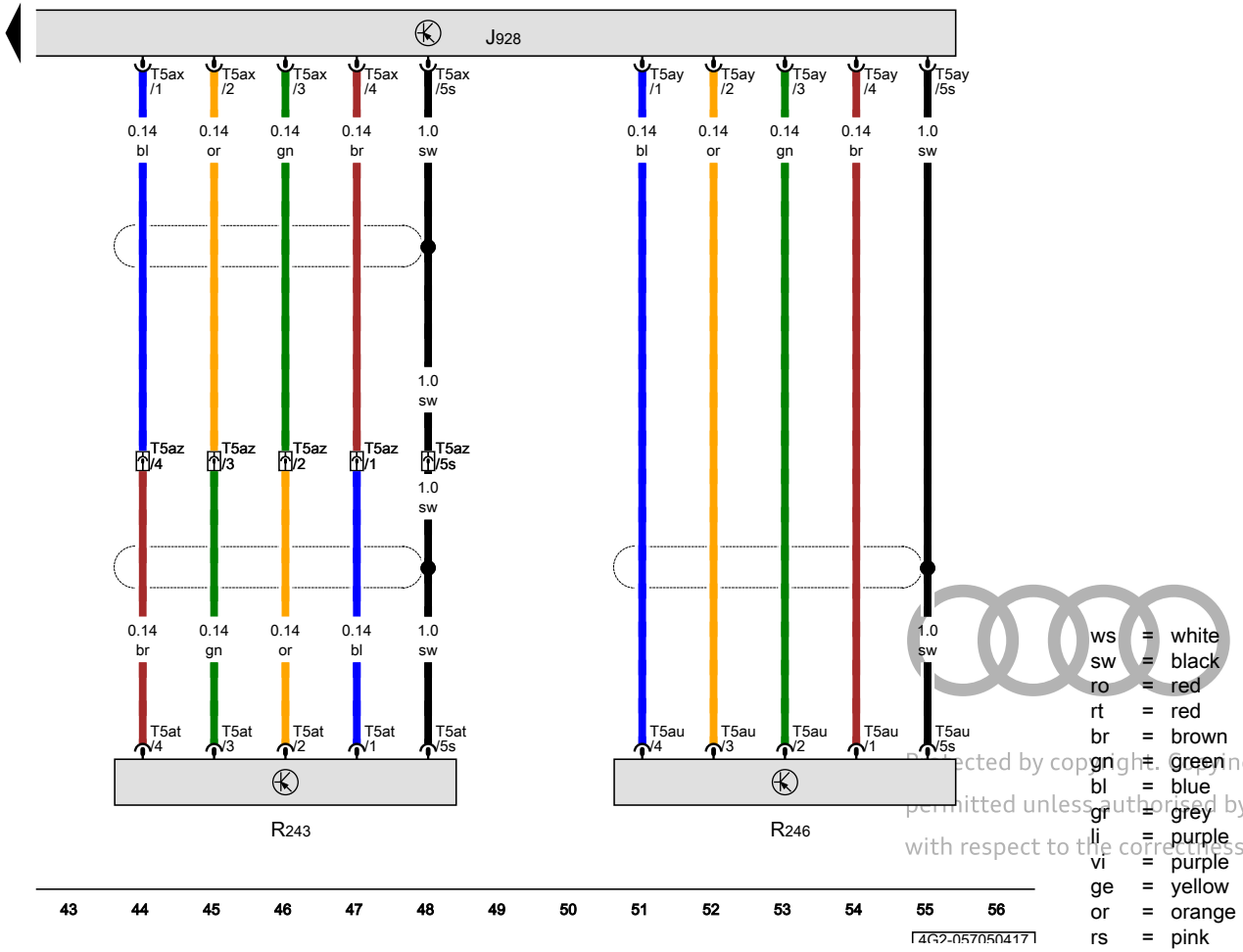


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Control unit for overhead view camera, Front overhead view camera, Rear overhead view camera

J928	Control unit for overhead view camera
R243	Front overhead view camera
R246	Rear overhead view camera
T5at	5-pin connector
T5au	5-pin connector
T5ax	5-pin connector
T5ay	5-pin connector
T5az	5-pin connector, in front bumper on left



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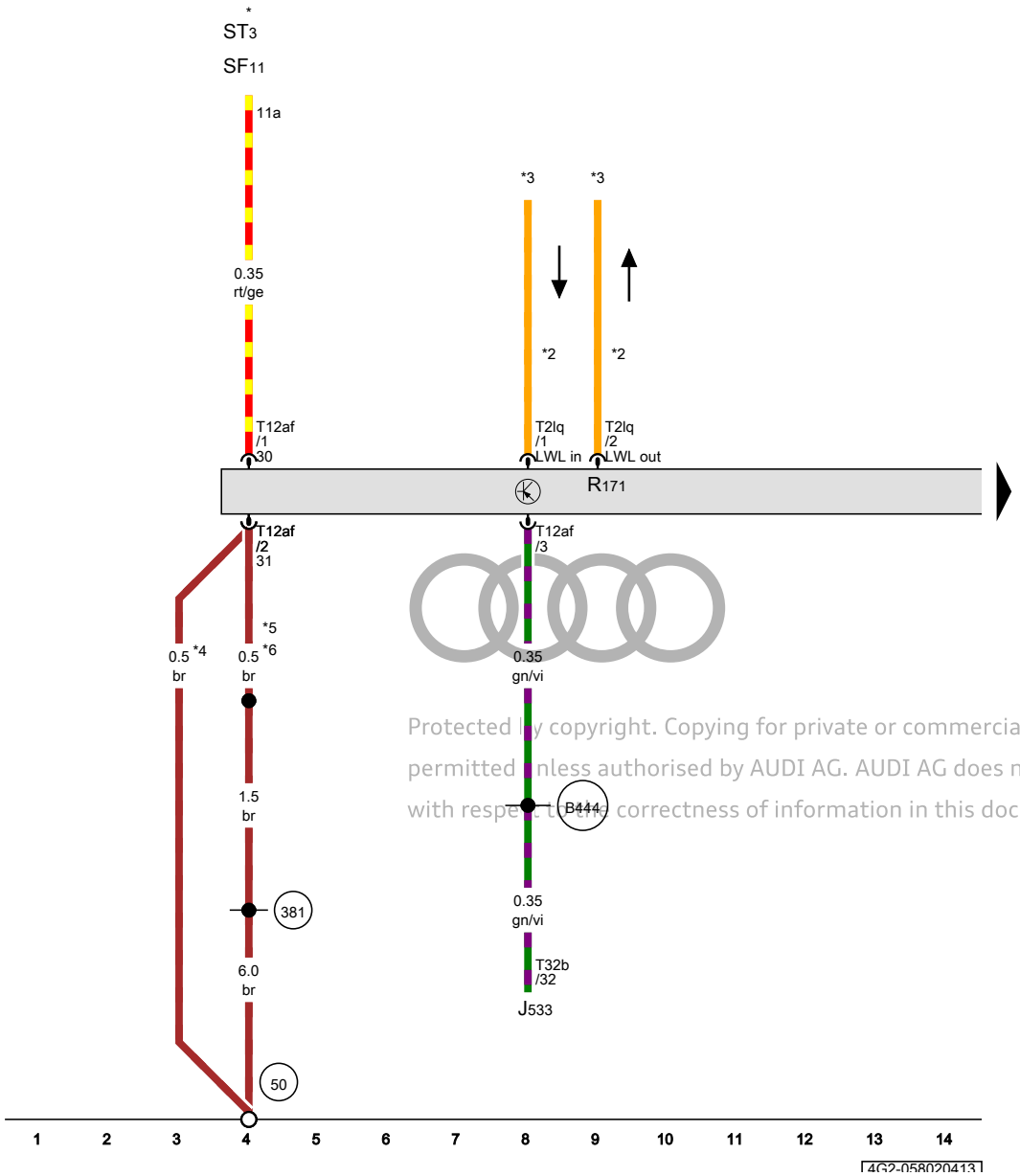
Digital TV tuner

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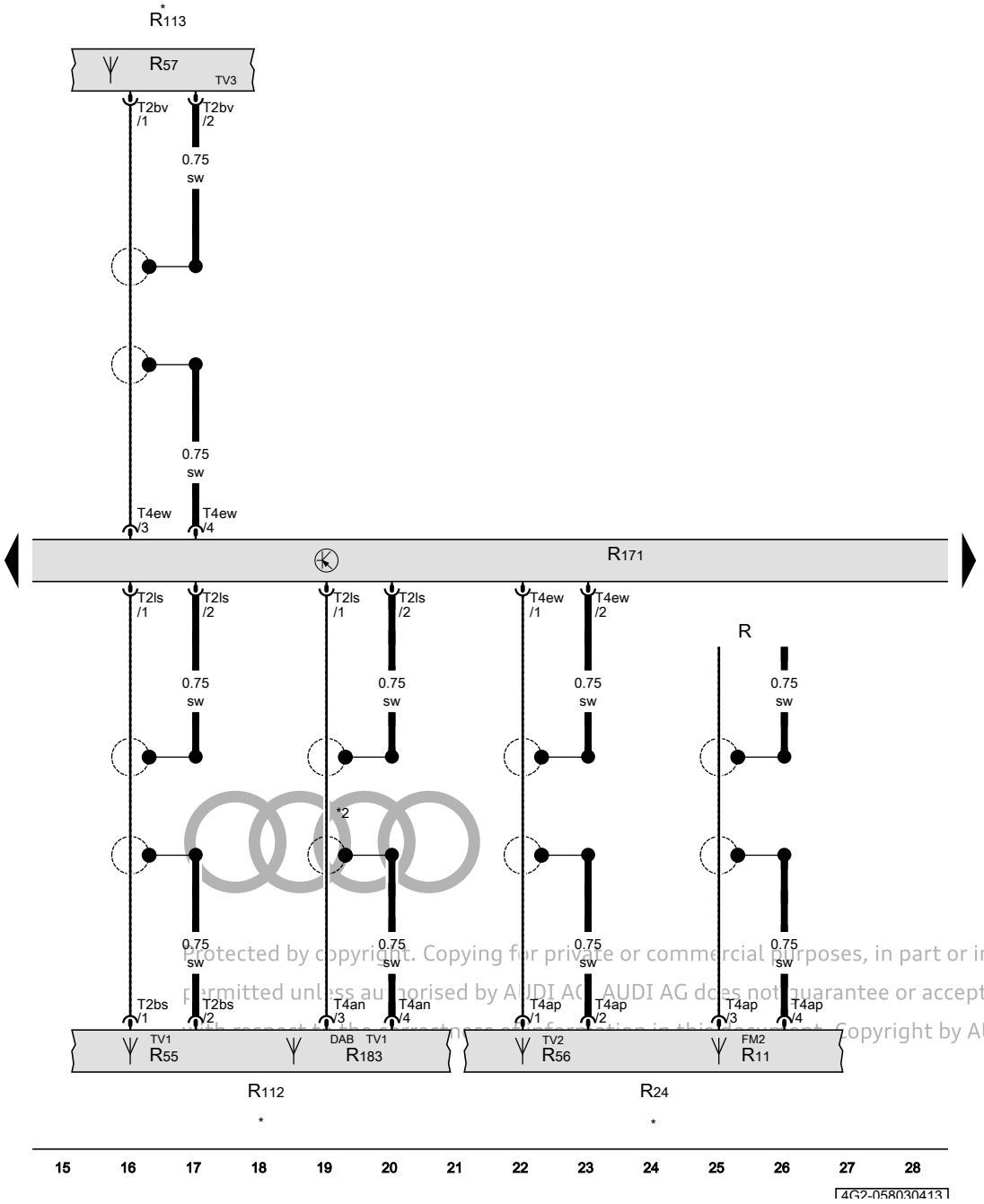
Digital TV tuner

J533	Data bus diagnostic interface
R171	Digital TV tuner
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T2lq	2-pin connector
T12af	12-pin connector
T32b	32-pin connector
50	Earth point, on left in luggage compartment
381	Earth connection 16, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for data bus network
*4	Only models with Audi sound system
*5	Only models with BOSE sound system
*6	Only models with Bang & Olufsen sound system



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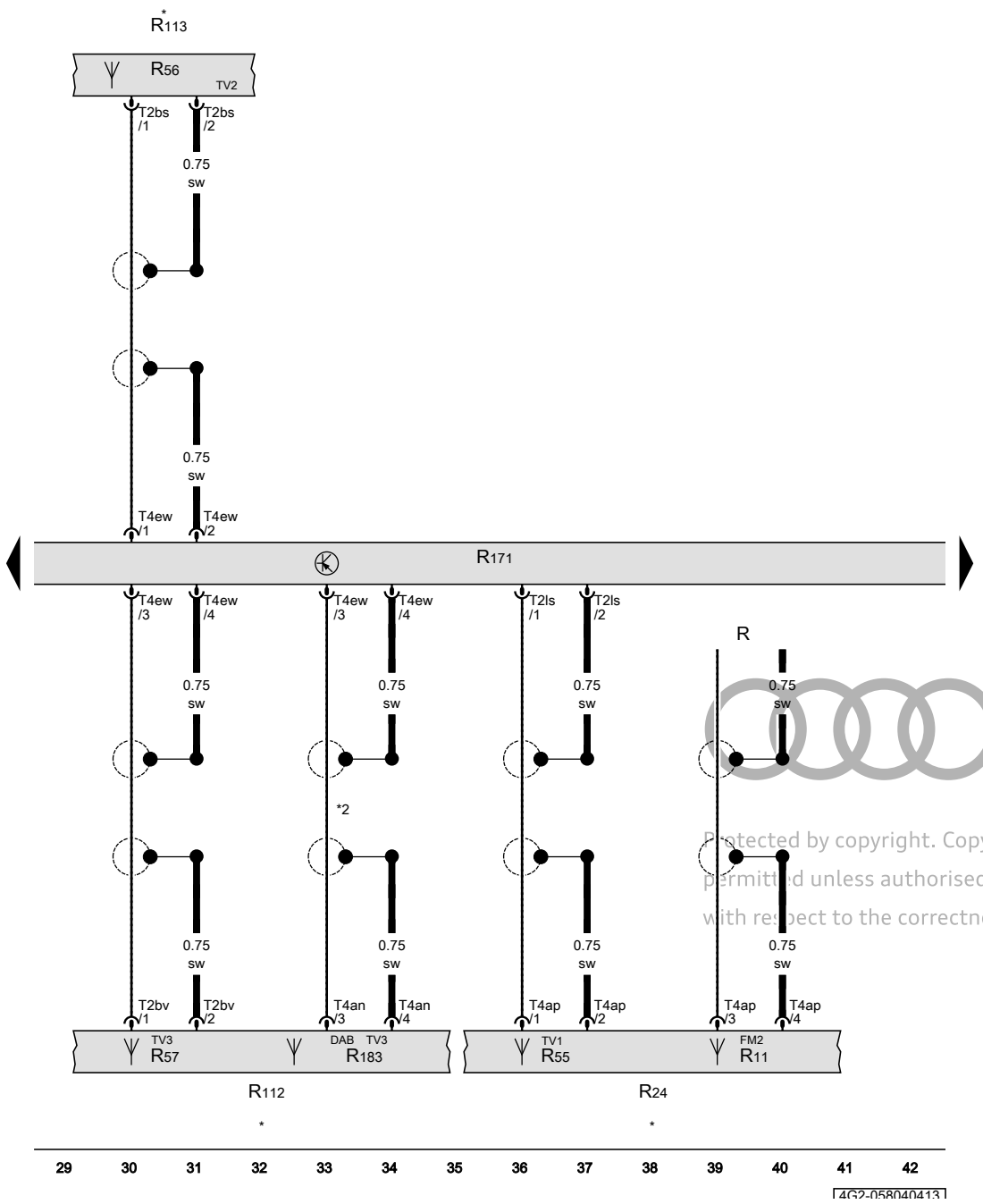


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Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4, Digital TV tuner

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R112	Aerial amplifier 3, Rear window, top right
R113	Aerial amplifier 4, Rear window, bottom right
R171	Digital TV tuner
R183	Digital radio aerial
T2bs	2-pin connector
T2bv	2-pin connector
T2ls	2-pin connector
T4an	4-pin connector
T4ap	4-pin connector
T4ew	4-pin connector
*	Saloon
*2	Only models with digital radio

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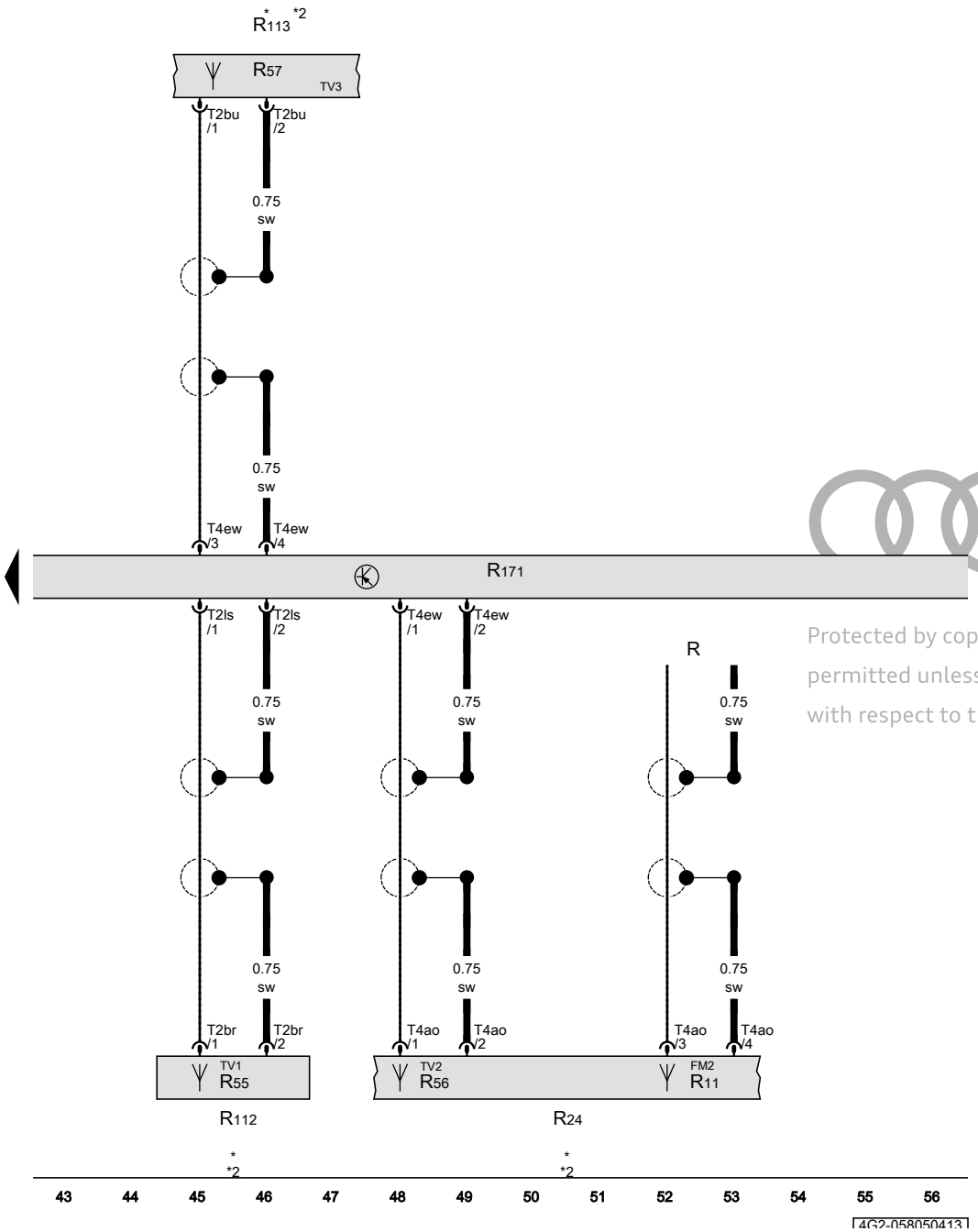


Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4, Digital TV tuner

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R171	Digital TV tuner
R183	Digital radio aerial
T2bs	2-pin connector
T2bv	2-pin connector
T2ls	2-pin connector
T4an	4-pin connector
T4ap	4-pin connector
T4ew	4-pin connector
*	Avant
*2	Only models with digital radio

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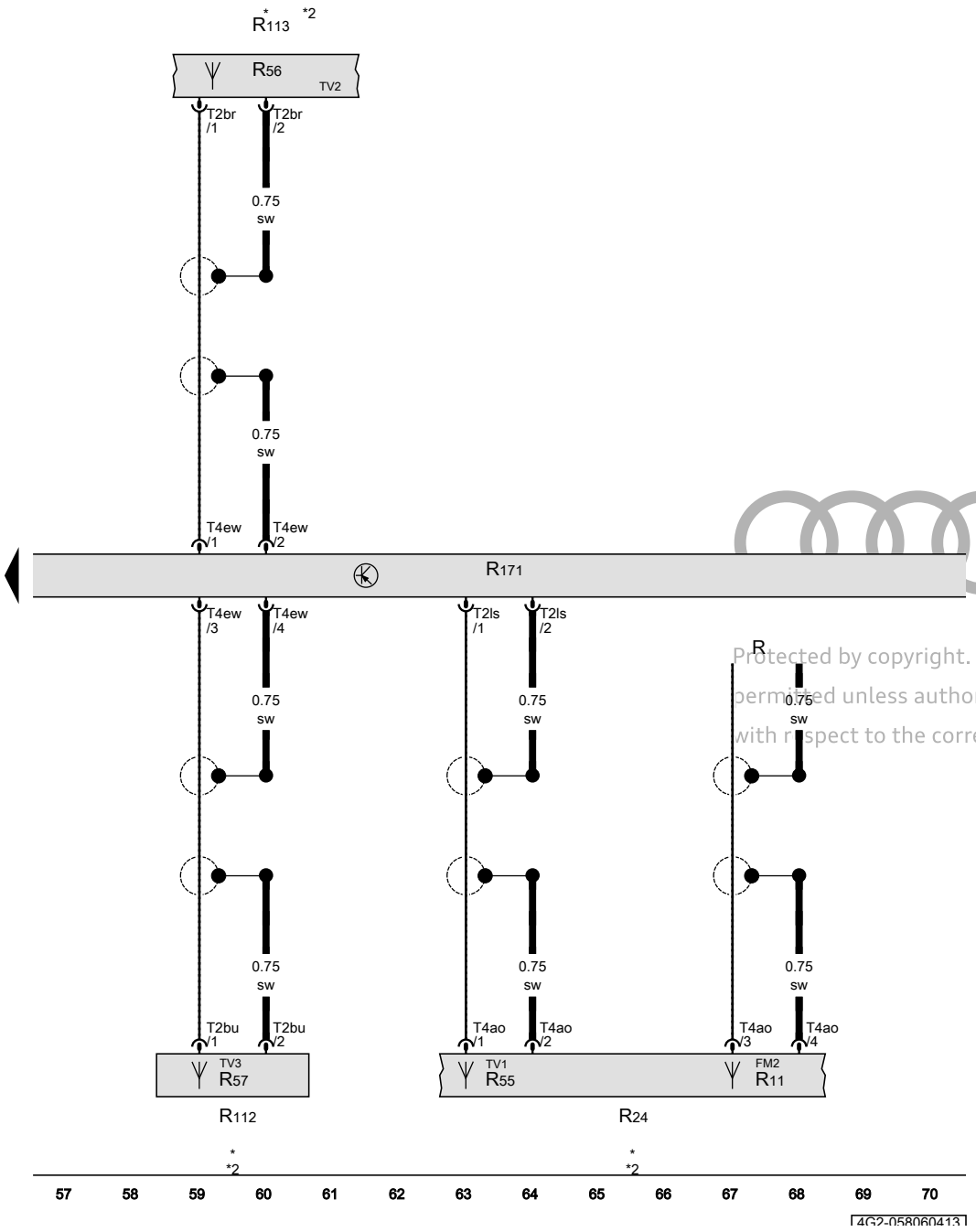


Aerial amplifier, Aerial amplifier 3, Digital TV tuner

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R112	Aerial amplifier 3, Rear window, top right
R113	Aerial amplifier 4, Rear window, bottom right
R171	Digital TV tuner
T2br	2-pin connector
T2bu	2-pin connector
T2ls	2-pin connector
T4ao	4-pin connector
T4ew	4-pin connector
*	Only models with equipment for Japan
*2	Saloon

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Aerial amplifier, Aerial amplifier 3, Digital TV tuner

R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R171	Digital TV tuner
T2br	2-pin connector
T2bu	2-pin connector
T2ls	2-pin connector
T4ao	4-pin connector
T4ew	4-pin connector
*	Only models with equipment for Japan
*2	Avant

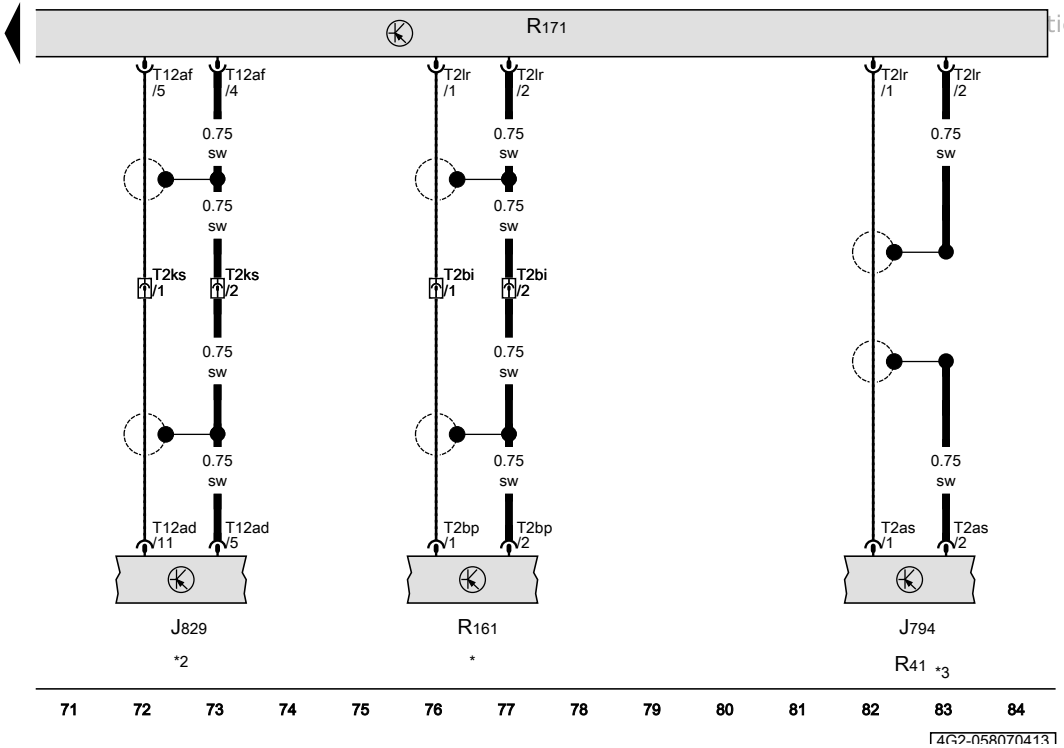
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Digital TV tuner

J794	Control unit 1 for information electronics
J829	Control unit 2 for information electronics
R41	CD changer
R161	DVD changer
R171	Digital TV tuner
T2as	2-pin connector
T2bi	2-pin connector, Relay carrier on left under dash panel
T2bp	2-pin connector
T2ks	2-pin connector, in coupling point for rear centre armrest
T2lr	2-pin connector
T12ad	12-pin connector
T12af	12-pin connector
*	Only models with DVD player
*2	Only models with Rear Seat Entertainment (RSE)
*3	Only models with CD changer

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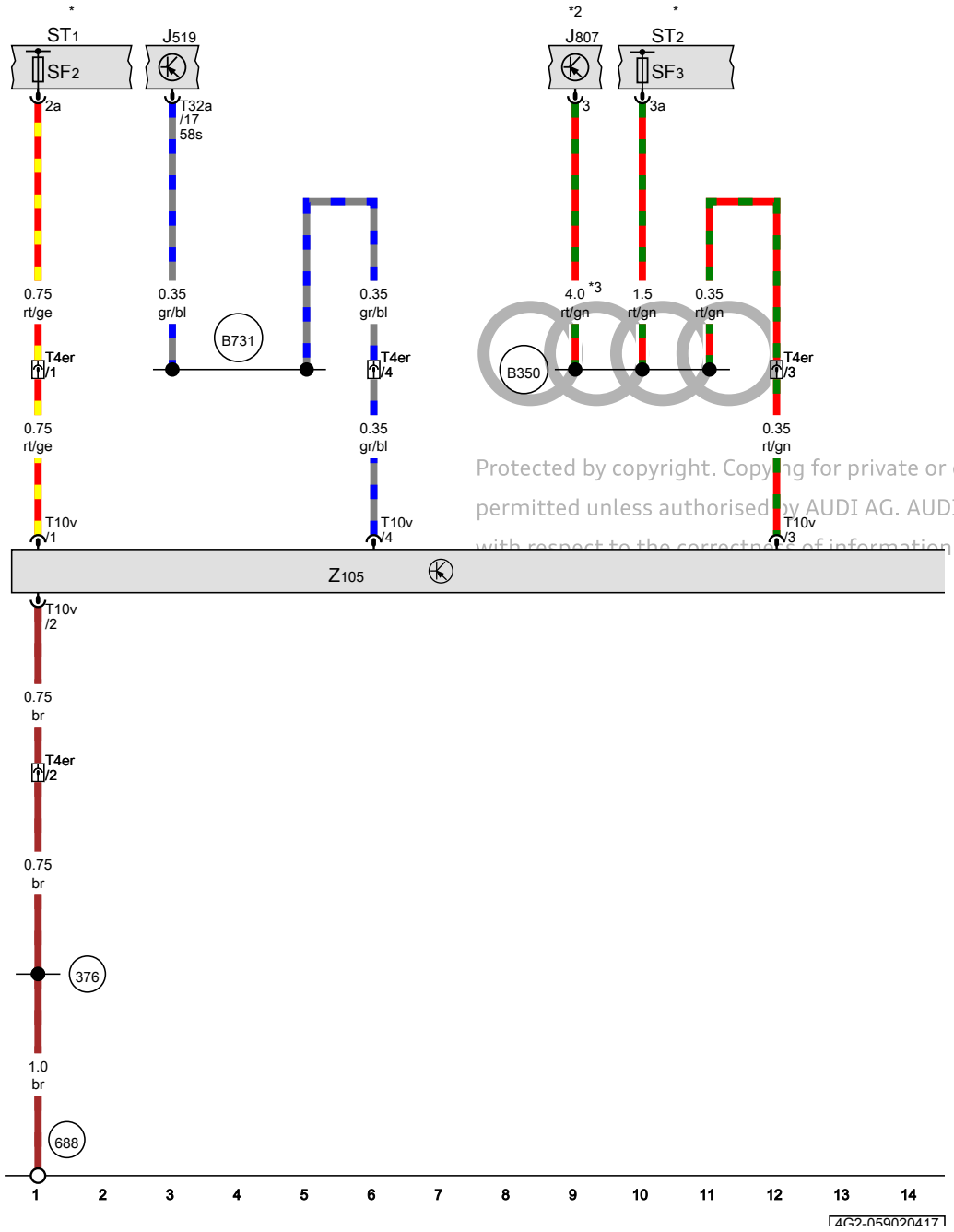


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Cup holder with heater and cooling element , (KT1)

From June 2011

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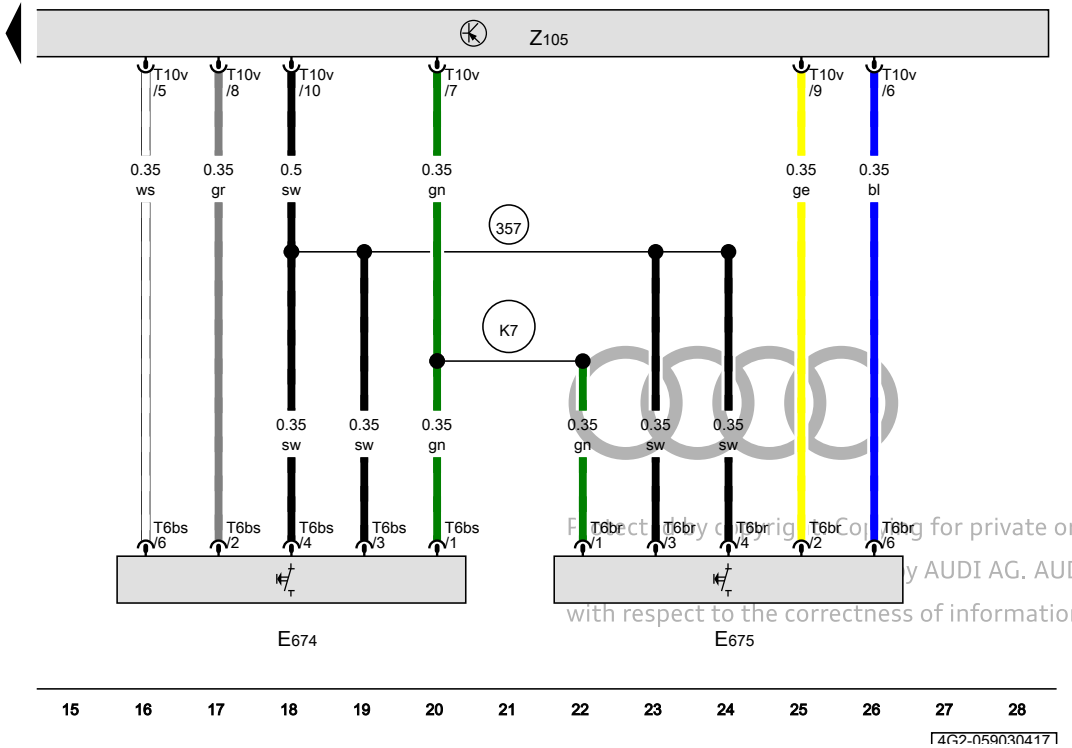
Cup holder with heater and cooling element

J519	Onboard supply control unit
J807	Relay for power sockets
ST1	Fuse carrier 1
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
T4er	4-pin connector, in rear centre console
T10v	10-pin connector
T32a	32-pin connector
Z105	Cup holder with heater and cooling element
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B350	Positive connection 1 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	From June 2014

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Button for cup holder with cooling element, Button for cup holder with heating element, Cup holder with heater and cooling element

E674	Button for cup holder with cooling element
E675	Button for cup holder with heating element
T6br	6-pin connector
T6bs	6-pin connector
T10v	10-pin connector
Z105	Cup holder with heater and cooling element
357	Earth connection in cup holder wiring harness
K7	Connection (58s) in cup holder wiring harness



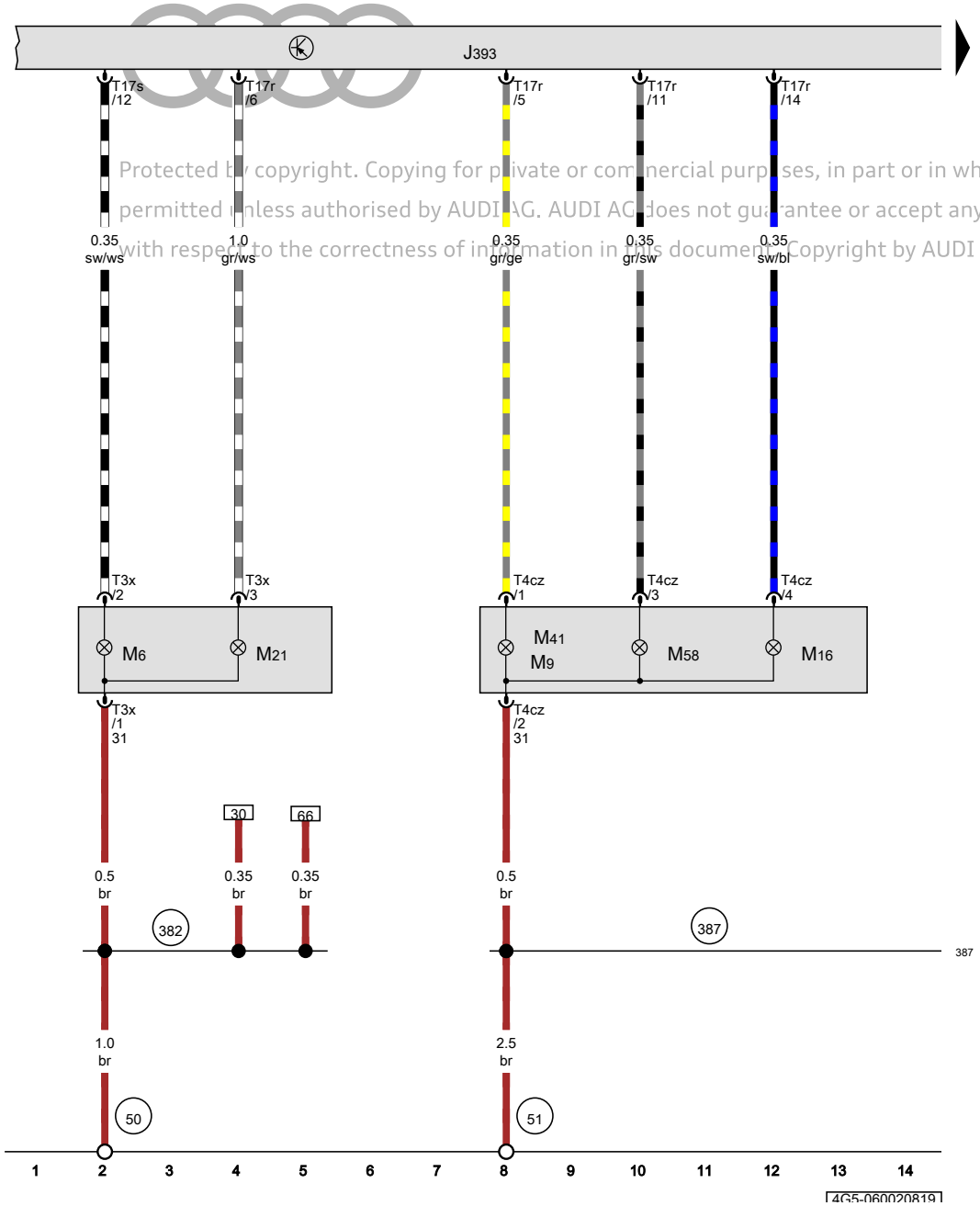
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Avant, rear

From June 2011

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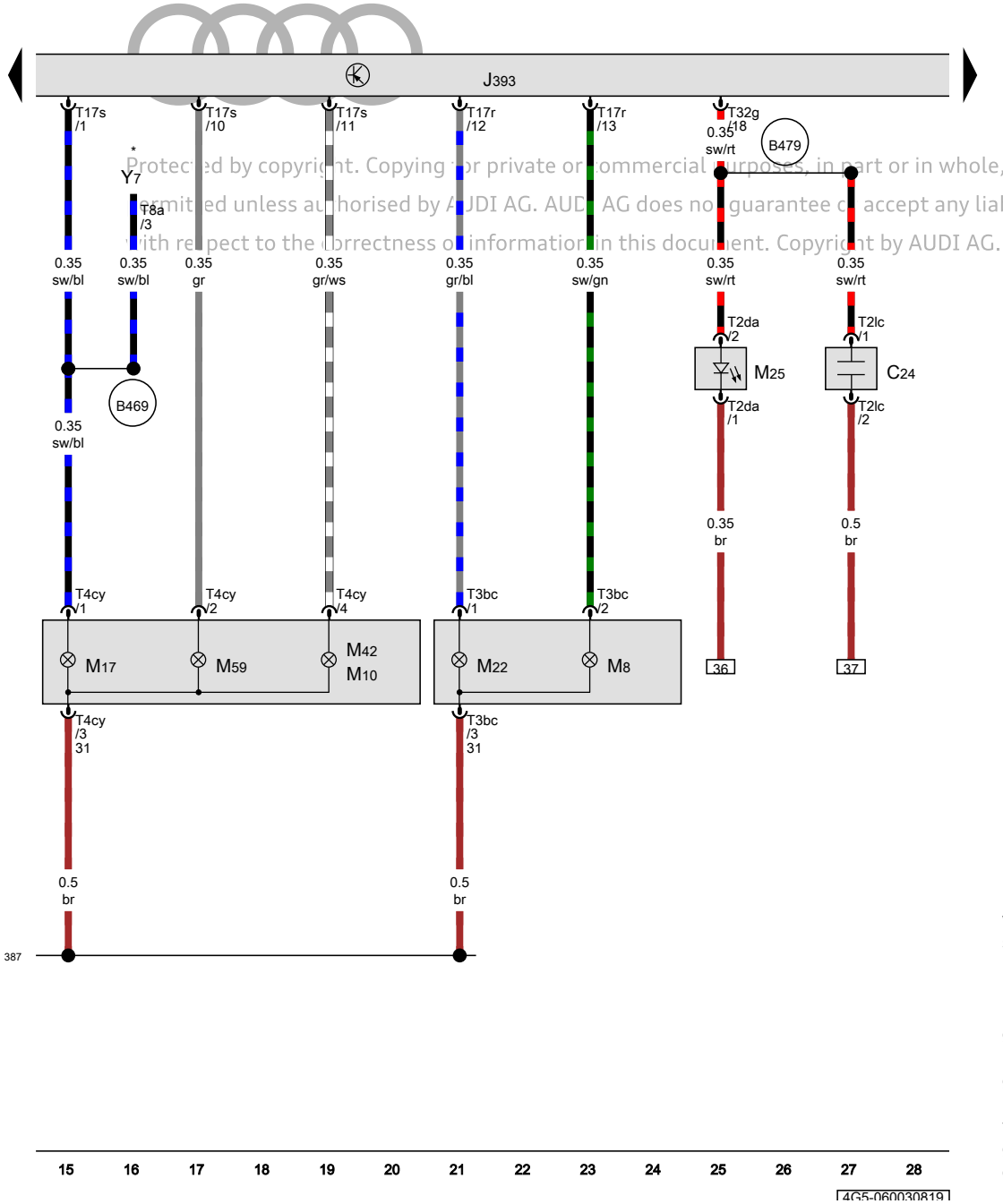


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Convenience system central control unit, Left reversing light bulb, Left brake and tail light bulb, Left tail light and rear fog light bulb

J393	Convenience system central control unit
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
T3x	3-pin connector
T4cz	4-pin connector
T17r	17-pin connector
T17s	17-pin connector
50	Earth point, on left in luggage compartment
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
387	Earth connection 22, in main wiring harness

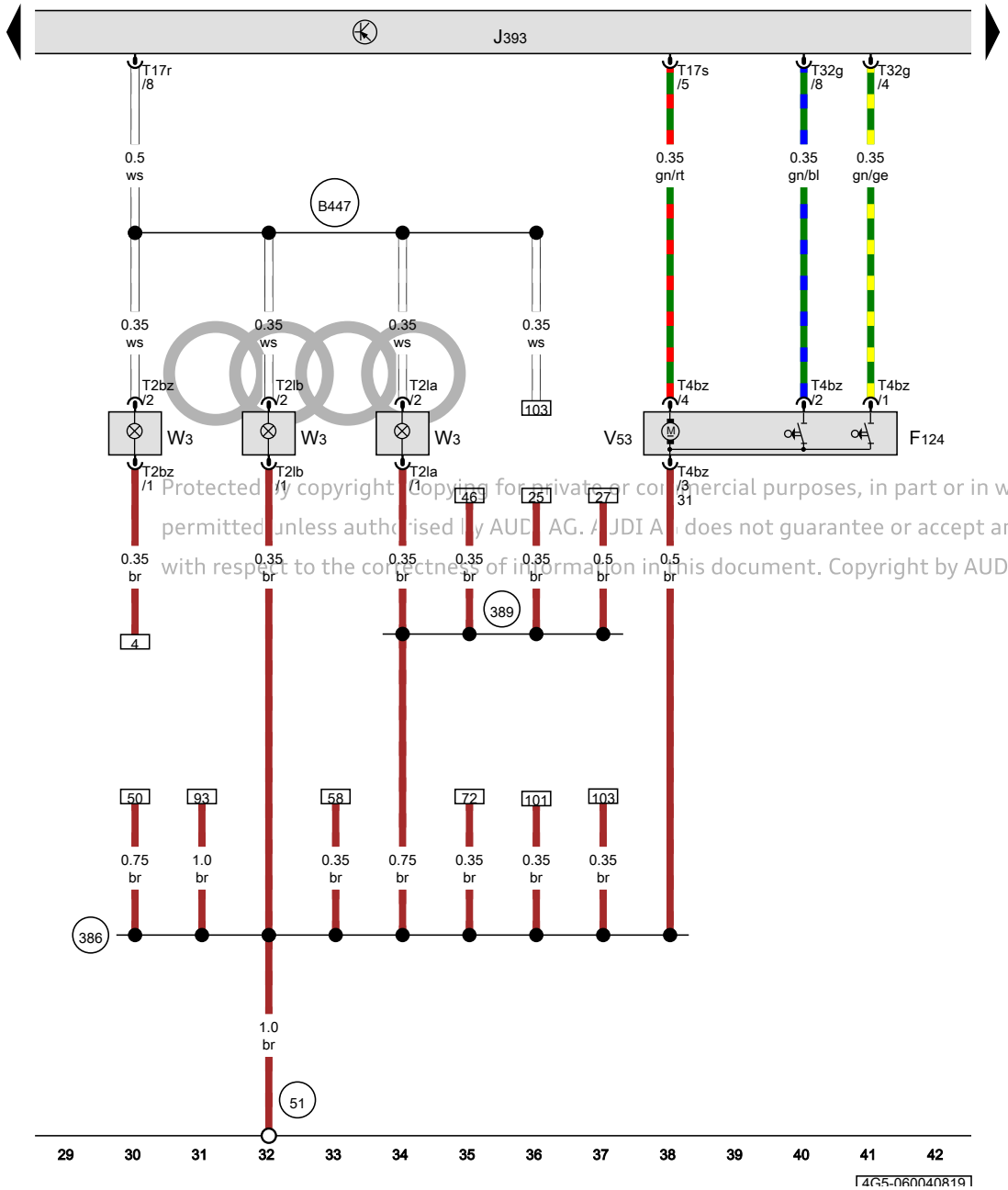


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Suppression filter, Convenience system central control unit, Rear right turn signal bulb, Right brake light bulb, Right reversing light bulb, High-level brake light bulb, Right tail light and rear fog light bulb

C24	Suppression filter
J393	Convenience system central control unit
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M25	High-level brake light bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
T2da	2-pin connector
T2lc	2-pin connector
T3bc	3-pin connector
T4cy	4-pin connector
T8a	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32g	32-pin connector
Y7	Automatic anti-dazzle interior mirror
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
B479	Connection 15, in main wiring harness
*	see applicable current flow diagram for basic equipment

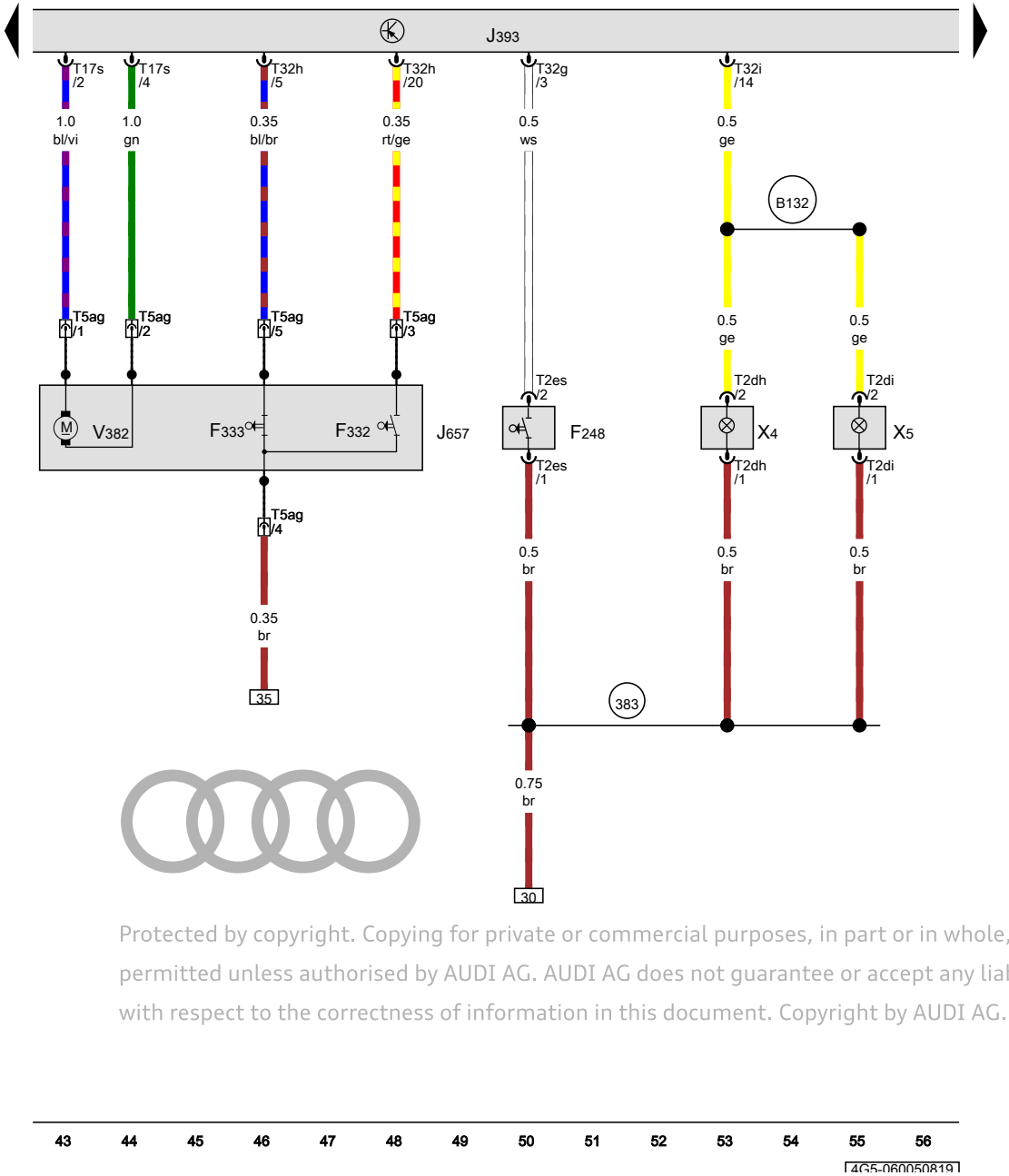


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Convenience system central control unit, Rear lid central locking motor, Luggage compartment light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
J393	Convenience system central control unit
T2bz	2-pin connector
T2la	2-pin connector
T2lb	2-pin connector
T4bz	4-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
W3	Luggage compartment light
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
B447	Connection (luggage compartment light), in main wiring harness

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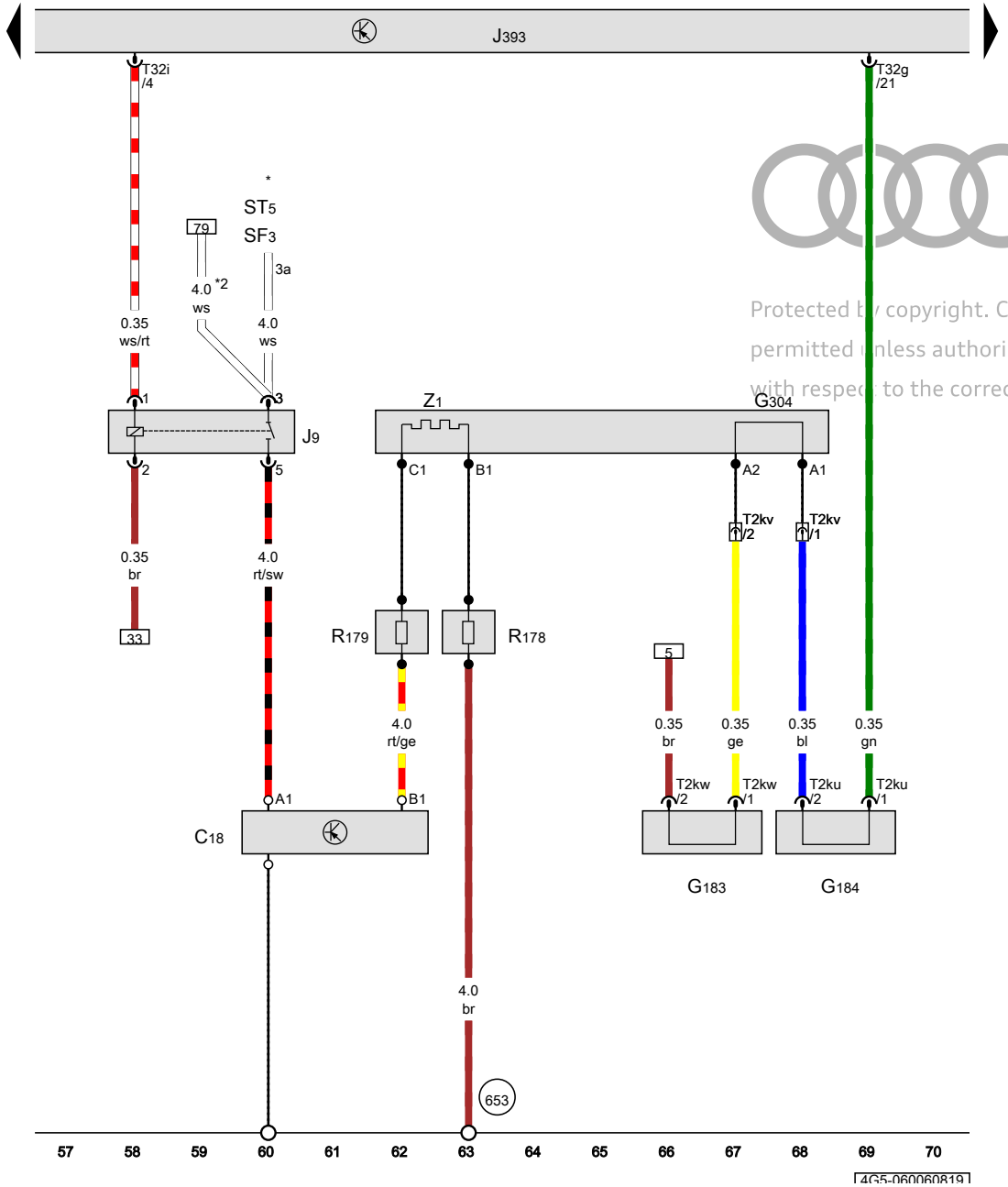


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Release button for rear lid lock cylinder, Convenience system central control unit, Power latching control unit, Left number plate light, Right number plate light

F248	Release button for rear lid lock cylinder
F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32g	32-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid
X4	Left number plate light
X5	Right number plate light
383	Earth connection 18, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness

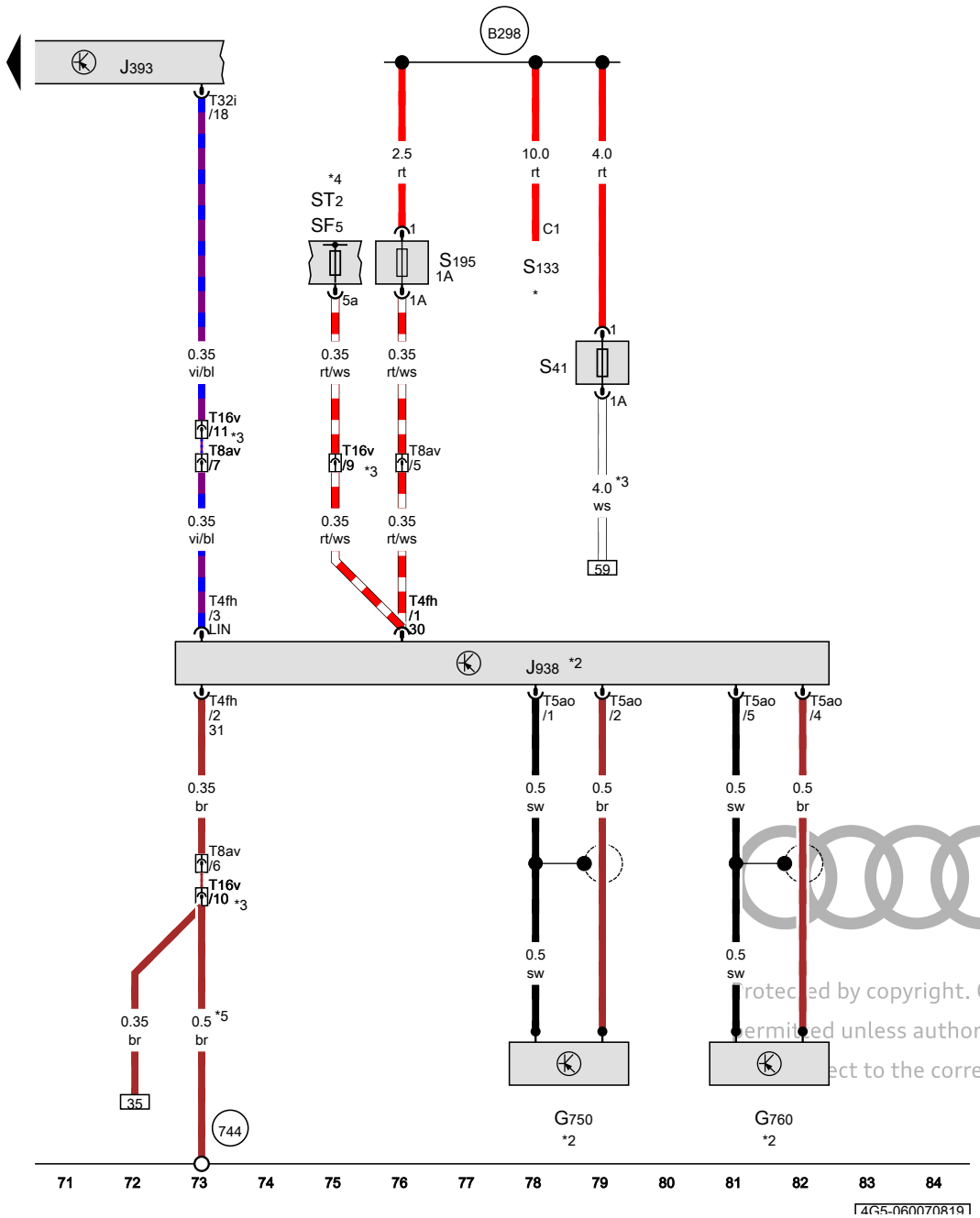


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Window aerial suppression filter, Rear left side window glass breakage sensor, Rear right side window glass breakage sensor, Glass breakage sensor for rear window, Heated rear window relay, Convenience system central control unit, Heated rear window

C18	Window aerial suppression filter, behind right side trim in luggage compartment
G183	Rear left side window glass breakage sensor
G184	Rear right side window glass breakage sensor
G304	Glass breakage sensor for rear window
J9	Heated rear window relay, on relay and fuse carrier, on right in luggage compartment
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
SF3	Fuse 3 in fuse holder F
ST5	Fuse carrier 5
T2ku	2-pin connector
T2kv	2-pin connector, on rear window
T2kw	2-pin connector
T32g	32-pin connector
T32i	32-pin connector
Z1	Heated rear window
653	Earth point, on left D-pillar
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

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Rear lid power opening sender, Rear lid power opening sender 2, Convenience system central control unit, Rear lid power opening control unit

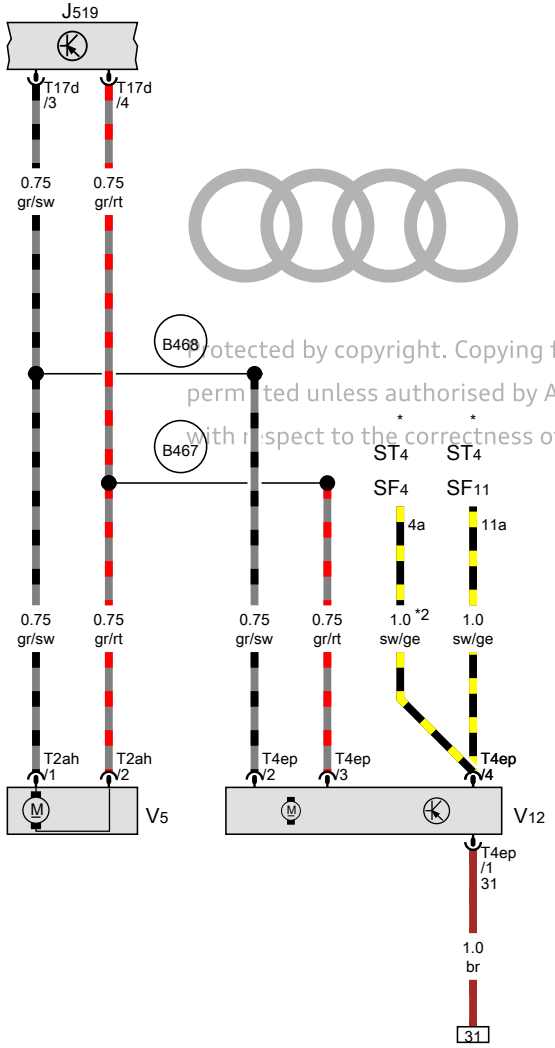
G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J393	Convenience system central control unit
J938	Rear lid power opening control unit
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
S41	Heated rear window single fuse
S133	Fuse 3
S195	Rear lid remote release fuse, on relay and fuse carrier, on right in luggage compartment
T4fh	4-pin connector
T5ao	5-pin connector
T8av	8-pin connector, behind right side trim in luggage compartment
T16v	16-pin connector, behind right side trim in luggage compartment, brown
T32i	32-pin connector
744	Earth point in spare wheel well
B298	Positive connection 2 (30), in main wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	According to equipment
*3	From June 2014
*4	see applicable current flow diagram for fuse assignment
*5	gradual introduction

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Onboard supply control unit, Washer pump, Rear window wiper motor

J519	Onboard supply control unit
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
SF11	Fuse 11 in fuse holder F
T2ah	2-pin connector
T4ep	4-pin connector
T17d	17-pin connector, black
V5	Washer pump
V12	Rear window wiper motor
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

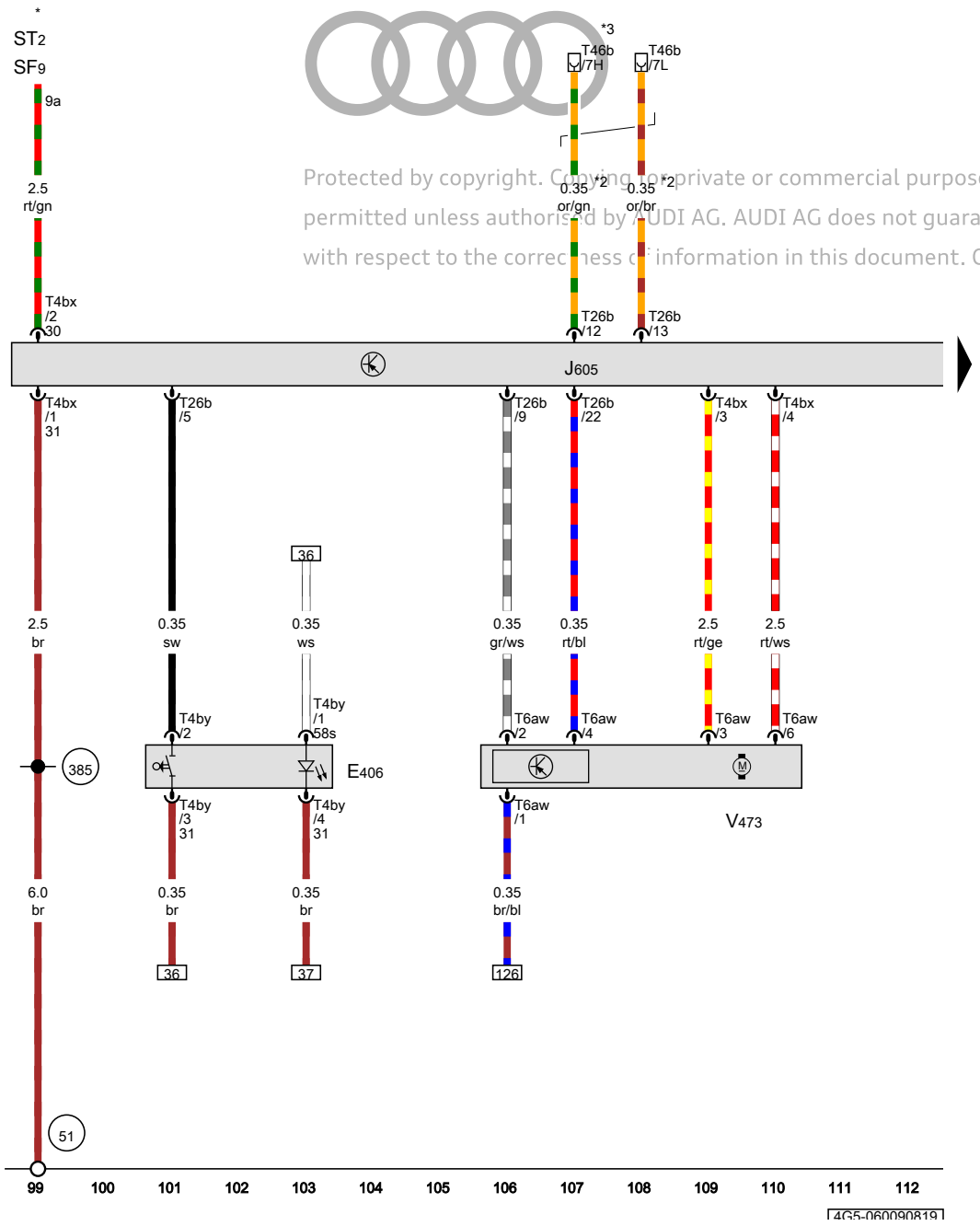


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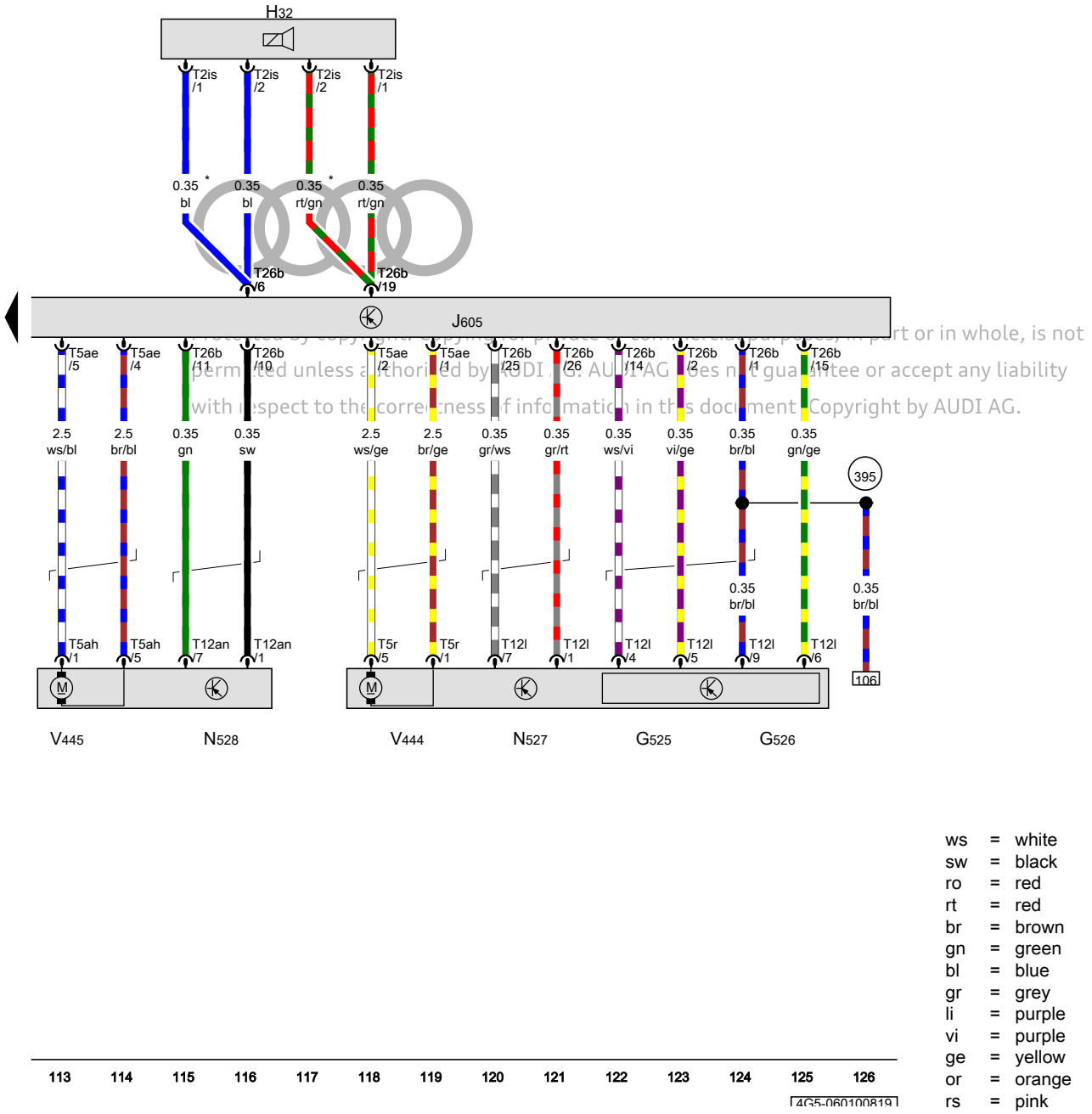
Button to close rear lid in luggage compartment, Rear lid control unit, Motor 1 for luggage compartment cover

E406	Button to close rear lid in luggage compartment
J605	Rear lid control unit
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T6aw	6-pin connector
T26b	26-pin connector
T46b	46-pin connector, on relay and fuse carrier, on right in luggage compartment
V473	Motor 1 for luggage compartment cover
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	see applicable current flow diagram for data bus network

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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Rear lid closed sender 1, Rear lid warning buzzer, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
H32	Rear lid warning buzzer
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
N528	Clutch in motor 2 for rear lid
T2is	2-pin connector
T5ae	5-pin connector
T5ah	5-pin connector
T5r	5-pin connector
T12an	12-pin connector
T12l	12-pin connector
T26b	26-pin connector
V444	Motor 1 for rear lid
V445	Motor 2 for rear lid
395	Earth connection 30, in main wiring harness
*	gradual introduction

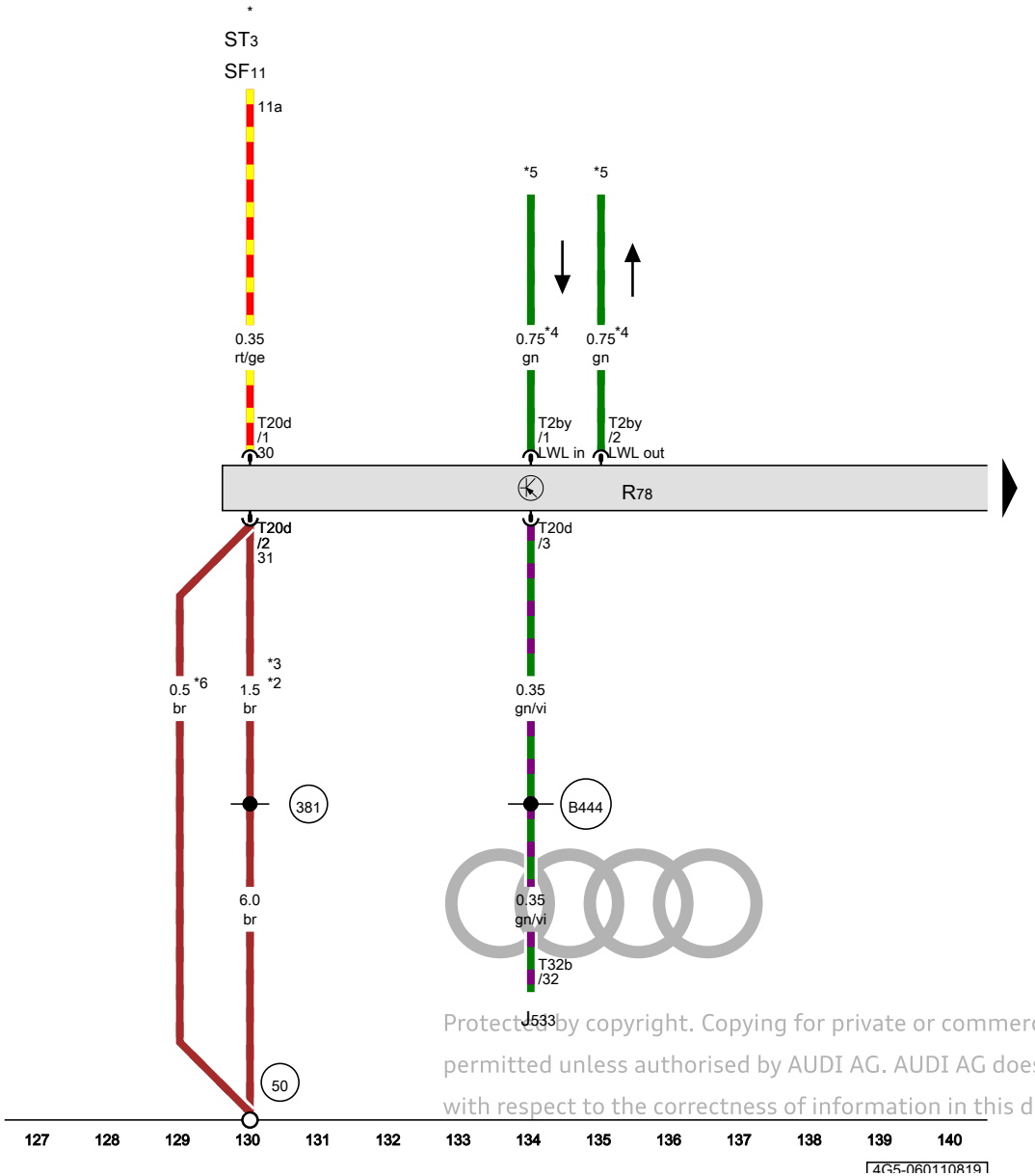


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TV tuner

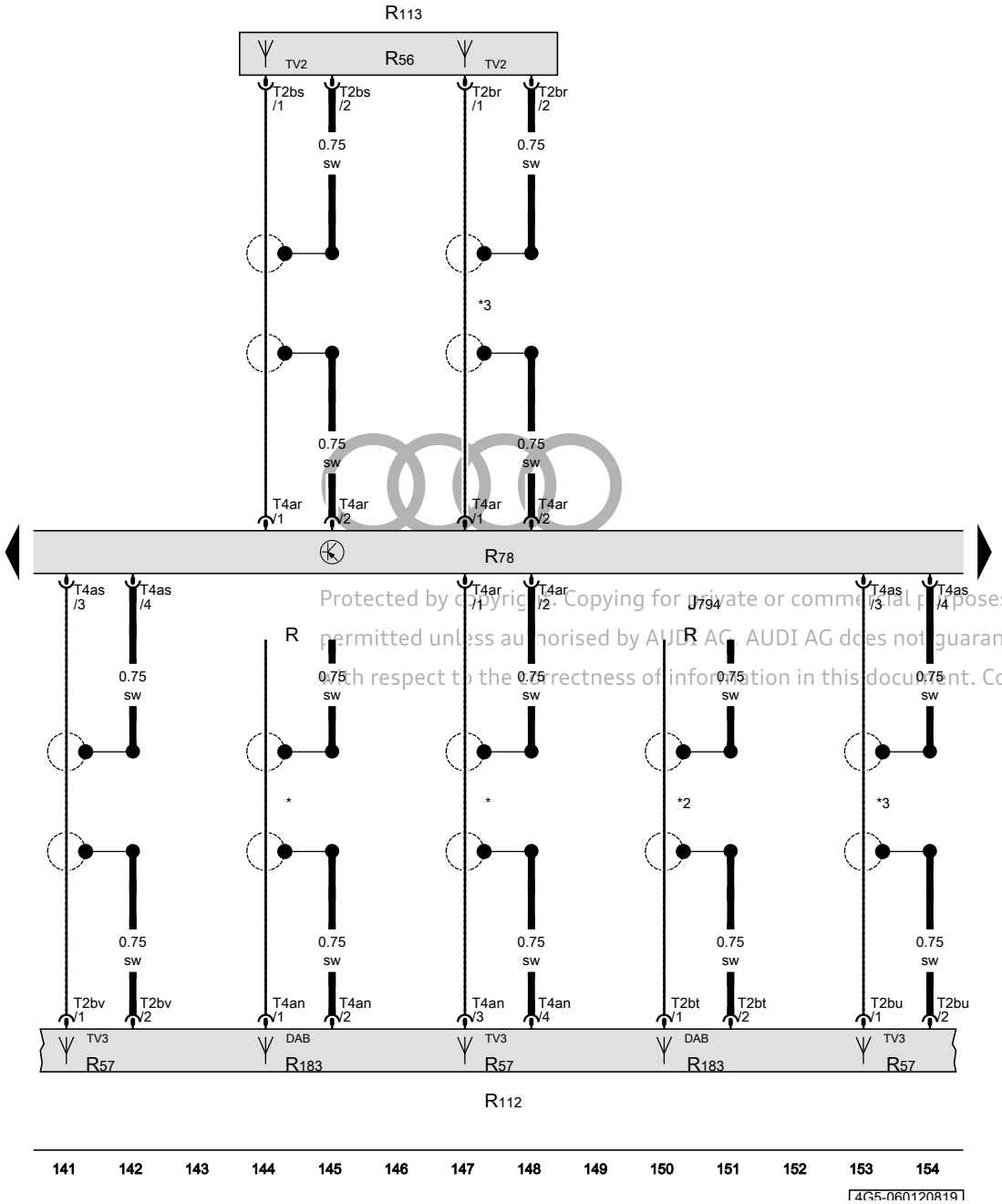
J533	Data bus diagnostic interface
R78	TV tuner
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T2by	2-pin connector
T20d	20-pin connector
T32b	32-pin connector
50	Earth point, on left in luggage compartment
381	Earth connection 16, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with BOSE sound system
*3	For models with Bang & Olufsen sound system
*4	Fibre optic cable (FOC)
*5	see applicable current flow diagram for data bus network
*6	For models with Audi sound system

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TV tuner, Aerial amplifier 3, Aerial amplifier 4

J794	Control unit 1 for information electronics
R	Radio
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R183	Digital radio aerial
T2br	2-pin connector
T2bs	2-pin connector
T2bt	2-pin connector
T2bu	2-pin connector
T2bv	2-pin connector
T4an	4-pin connector
T4ar	4-pin connector
T4as	4-pin connector
*	For models with digital radio
*2	For models with no TV receiver
*3	For models with equipment for Japan



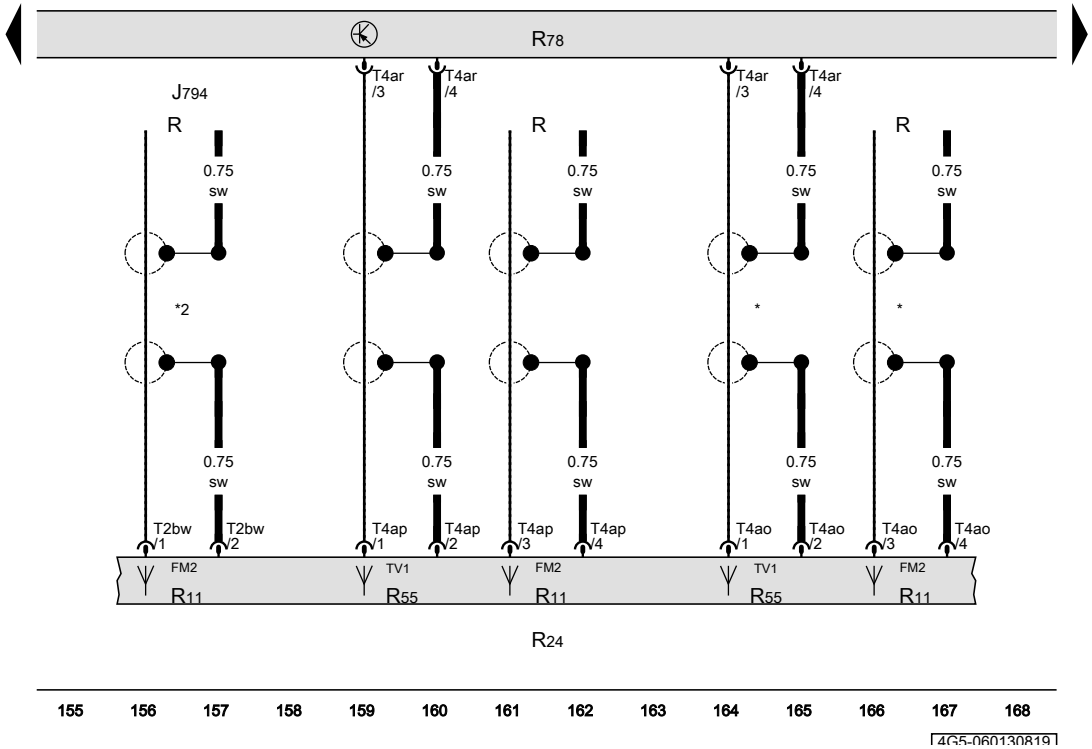
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Aerial amplifier, TV tuner

J794	Control unit 1 for information electronics
R	Radio
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R78	TV tuner
T2bw	2-pin connector
T4ao	4-pin connector
T4ap	4-pin connector
T4ar	4-pin connector
*	For models with equipment for Japan
*2	For models with no TV receiver

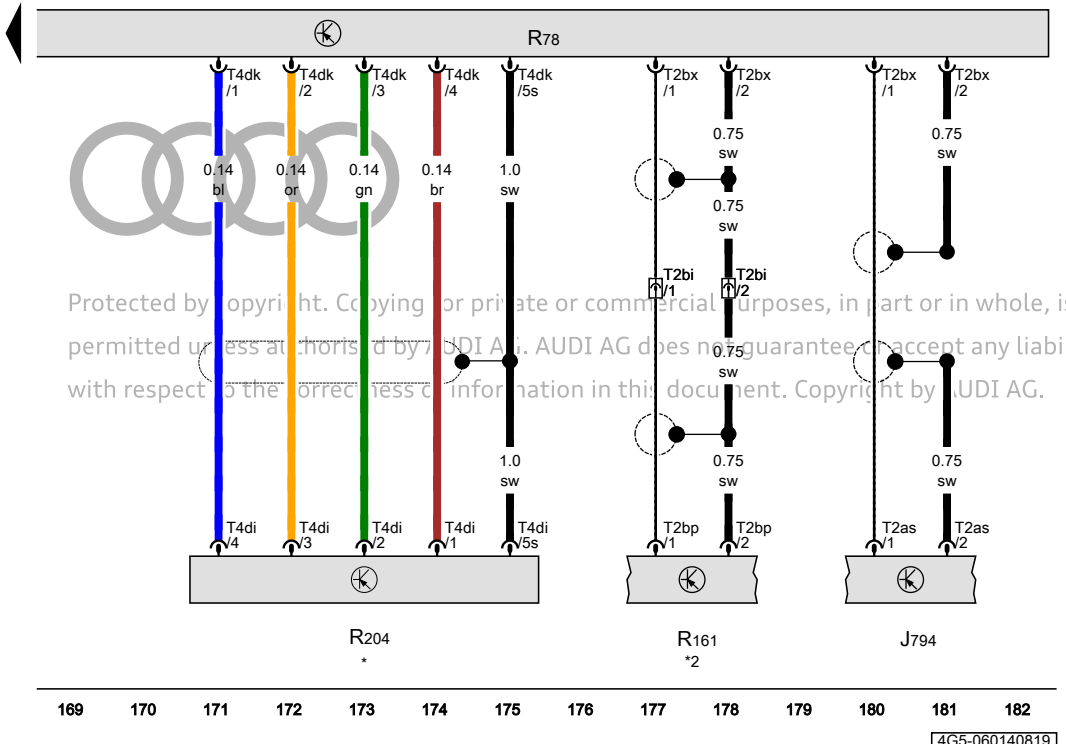
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TV tuner, TV card reader

J794	Control unit 1 for information electronics
R78	TV tuner
R161	DVD changer
R204	TV card reader
T2as	2-pin connector
T2bi	2-pin connector, Relay carrier on left under dash panel
T2bp	2-pin connector
T2bx	2-pin connector
T4di	4-pin connector
T4dk	4-pin connector
*	For models with equipment for Japan
*2	For models with DVD player



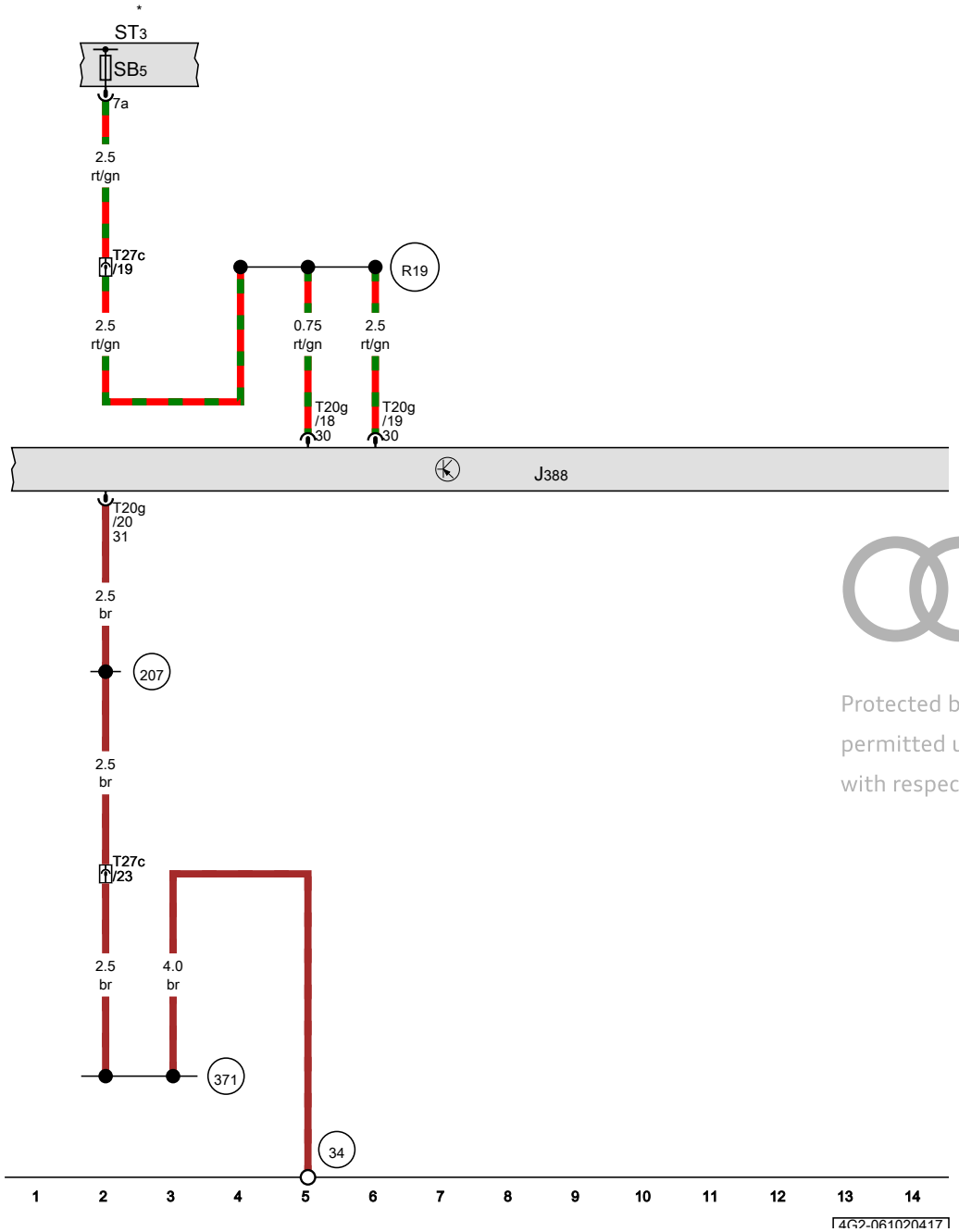
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Electrical rear roller blind , (3Y2),(3Y5)

From June 2011

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Rear left door control unit

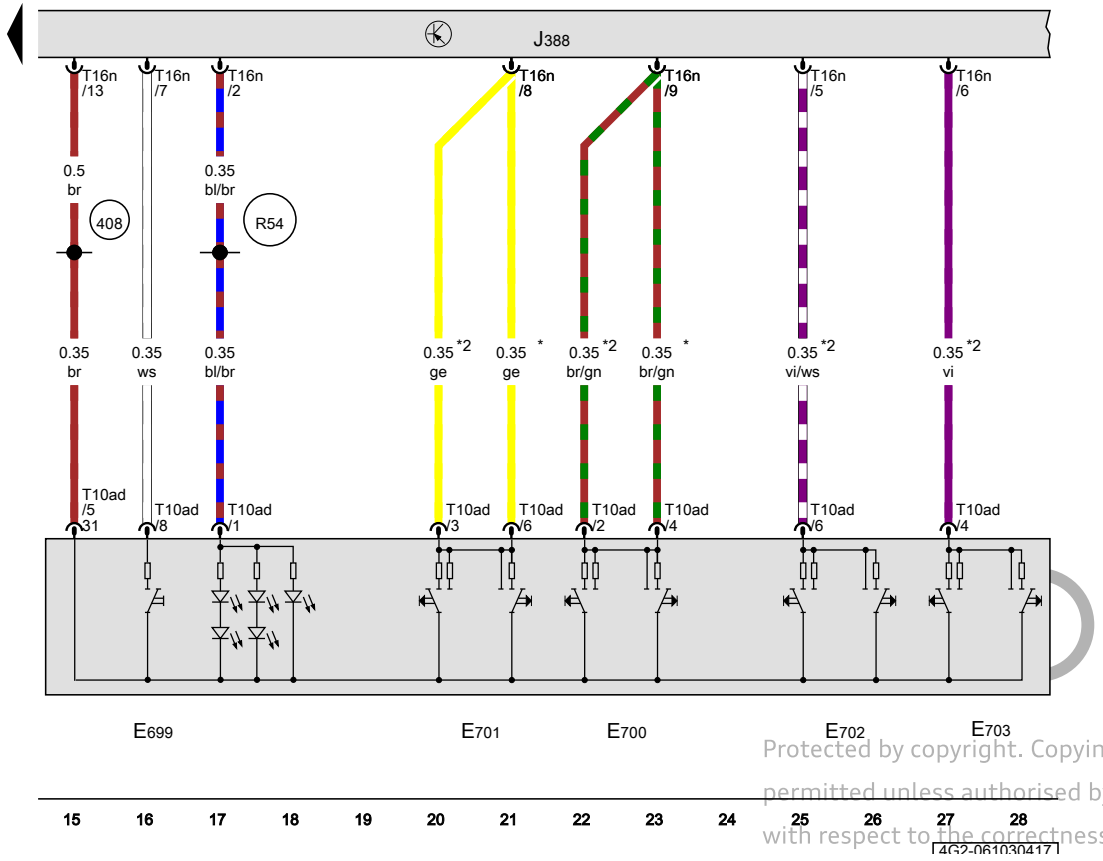
J388	Rear left door control unit
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
34	Earth point, under driver seat
207	Earth connection, in rear left door wiring harness
371	Earth connection 6, in main wiring harness
R19	Positive connection 1 (30), in rear left door wiring harness
*	see applicable current flow diagram for fuse assignment

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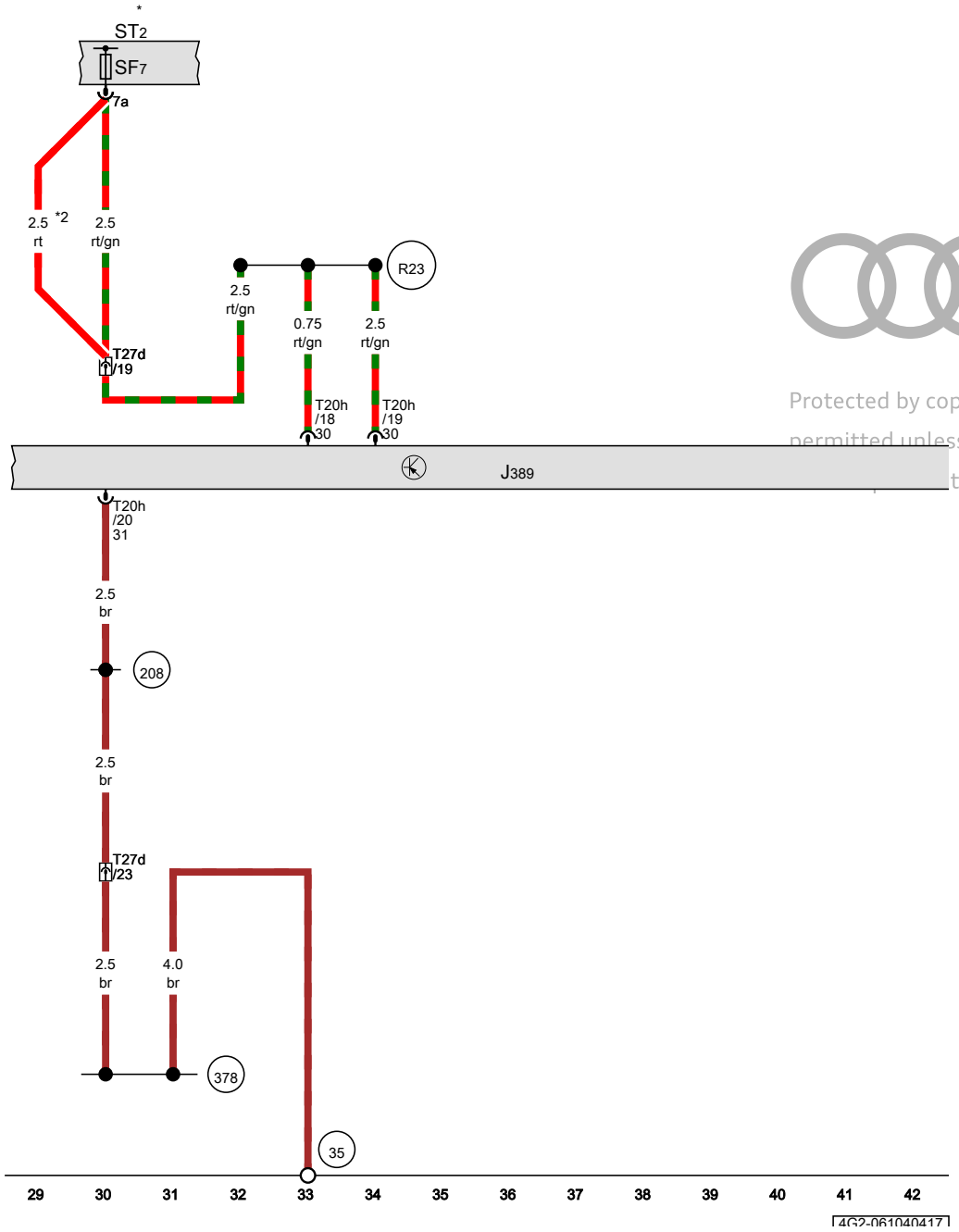
Rear left door control unit

E699	Rear roller blind button in rear left door
E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
E702	Sunroof button in rear left door
E703	Sunroof roller blind button in rear left door
J388	Rear left door control unit
T10ad	10-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Only models with sliding/tilting sunroof
*2	Only models with panoramic sliding sunroof



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Rear right door control unit

J389	Rear right door control unit
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
35	Earth point, under front passenger seat
208	Earth connection, in rear right door wiring harness
378	Earth connection 13, in main wiring harness
R23	Positive connection 1 (30), in rear right door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	gradual introduction

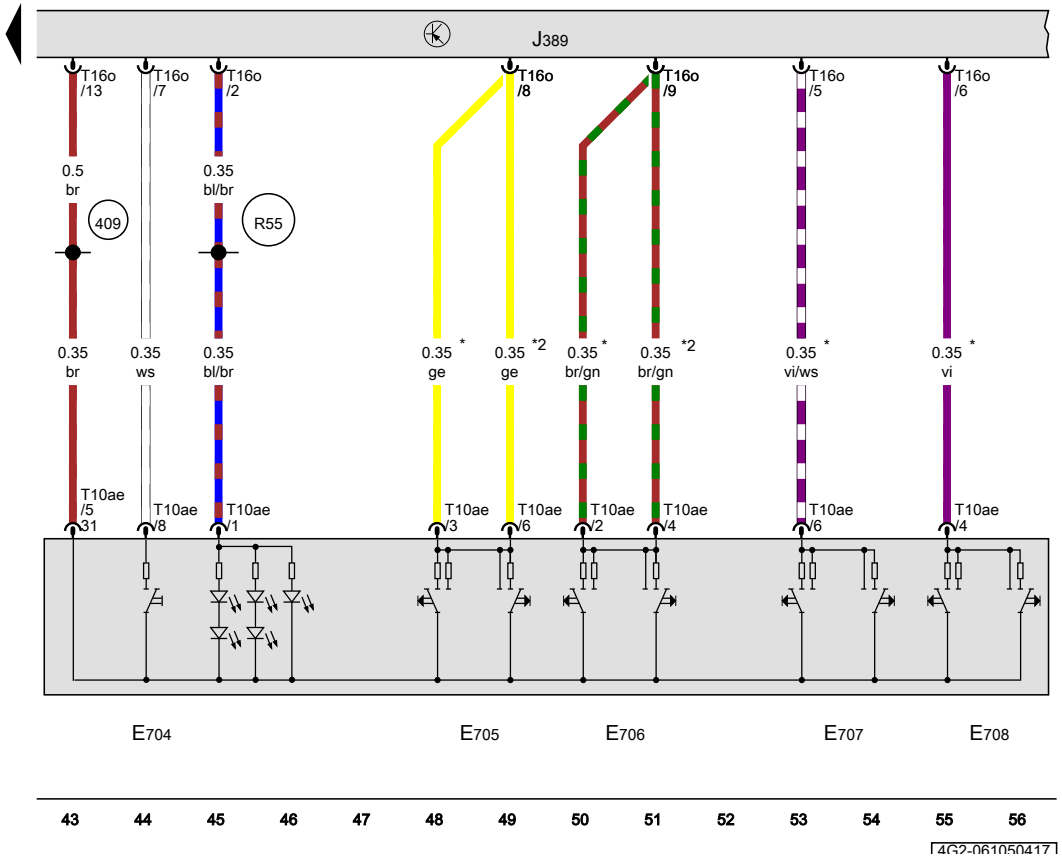
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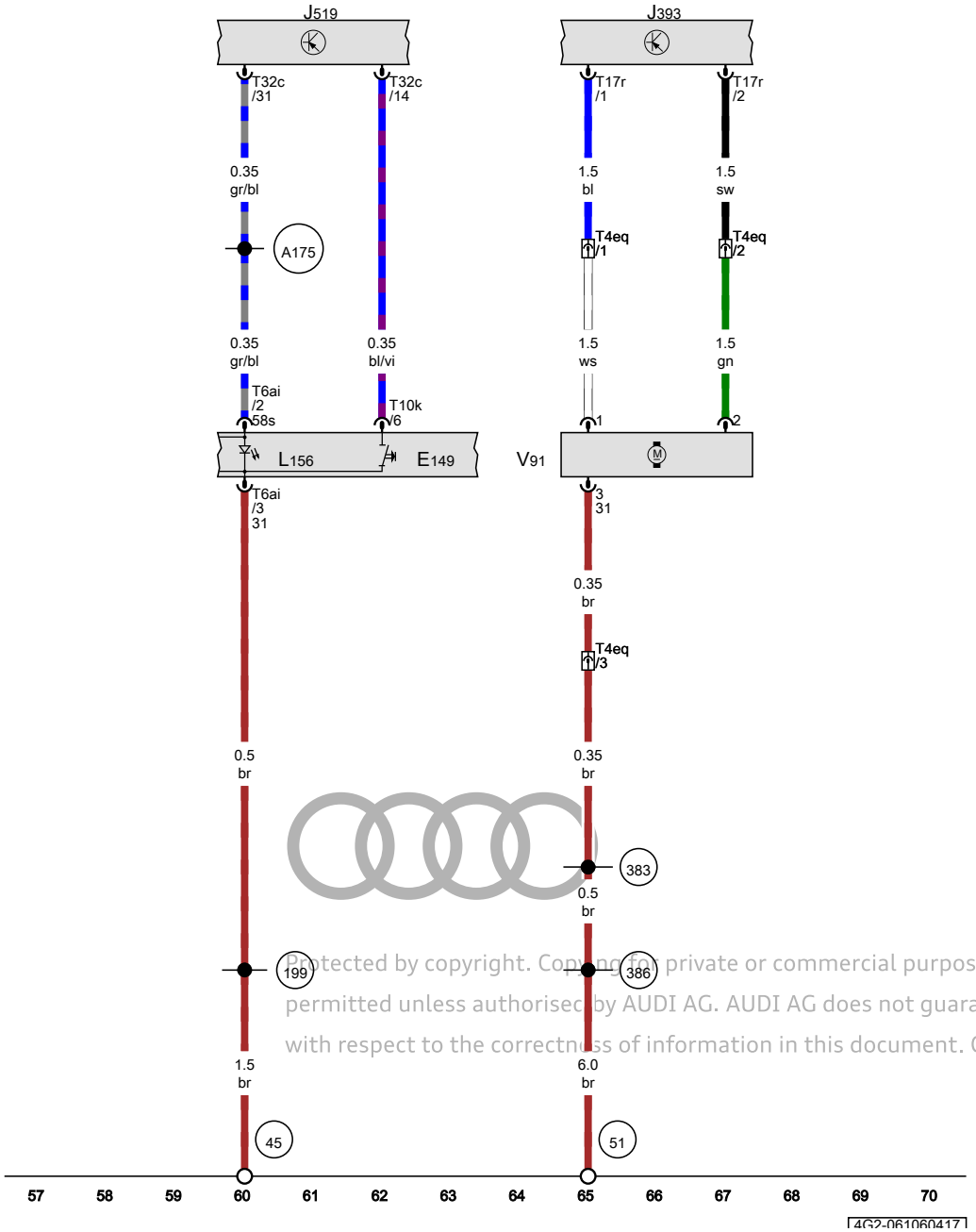
Rear right door control unit

E704	Rear roller blind button in rear right door
E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
E707	Sunroof button in rear right door
E708	Sunroof roller blind button in rear right door
J389	Rear right door control unit
T10ae	10-pin connector
T16o	16-pin connector
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Only models with panoramic sliding sunroof
*2	Only models with sliding/tilting sunroof

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Convenience system central control unit, Onboard supply control unit

E149	Rear roller blind switch
J393	Convenience system central control unit
J519	Onboard supply control unit
L156	Switch illumination bulb
T4eq	4-pin connector
T6ai	6-pin connector
T10k	10-pin connector
T17r	17-pin connector
T32c	32-pin connector
V91	Rear roller blind motor
45	Earth point, centre behind dash panel
51	Earth point, on right in luggage compartment
199	Earth connection 3, in dash panel wiring harness
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
A175	Connection (58s), in dash panel wiring harness

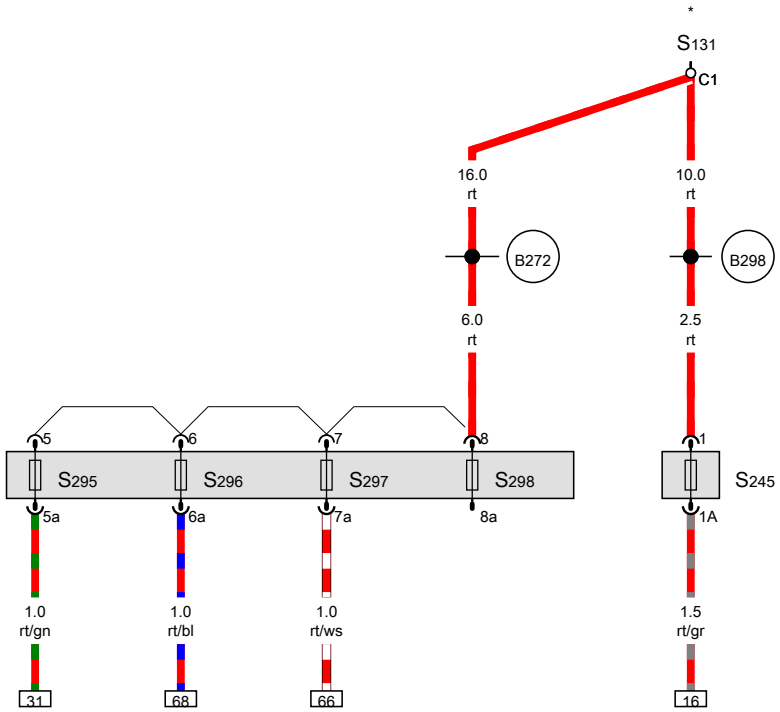
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Special equipment, rental vehicle , (F4F)

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Optional equipment main fuse, Special vehicle fuse 5

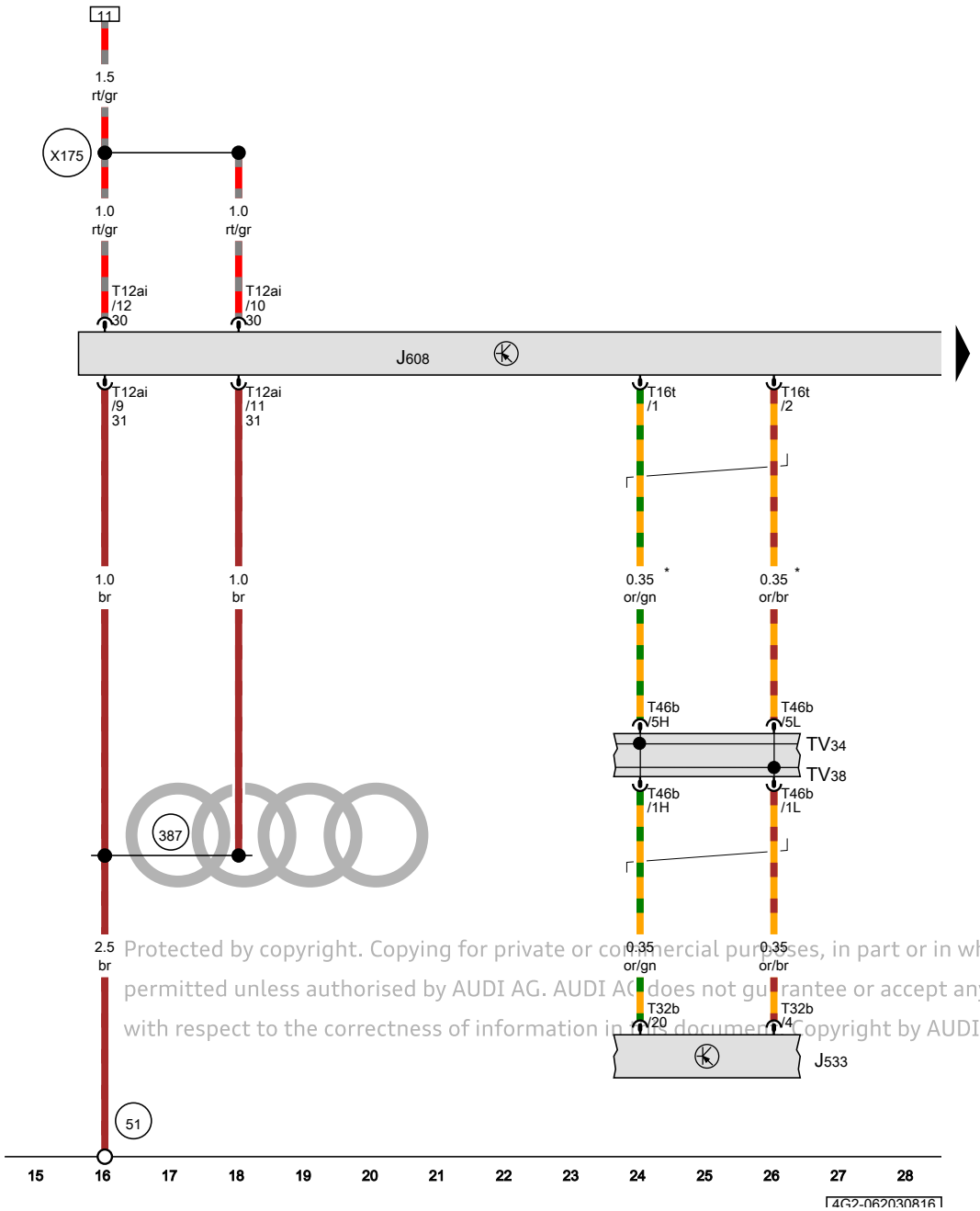
S131	Fuse 1
S245	Optional equipment main fuse, on relay and fuse carrier, on right in luggage compartment
S295	Special vehicle fuse 5, in rear right side panel
S296	Special vehicle fuse 6, in rear right side panel
S297	Special vehicle fuse 7, in rear right side panel
S298	Special vehicle fuse 8, in rear right side panel
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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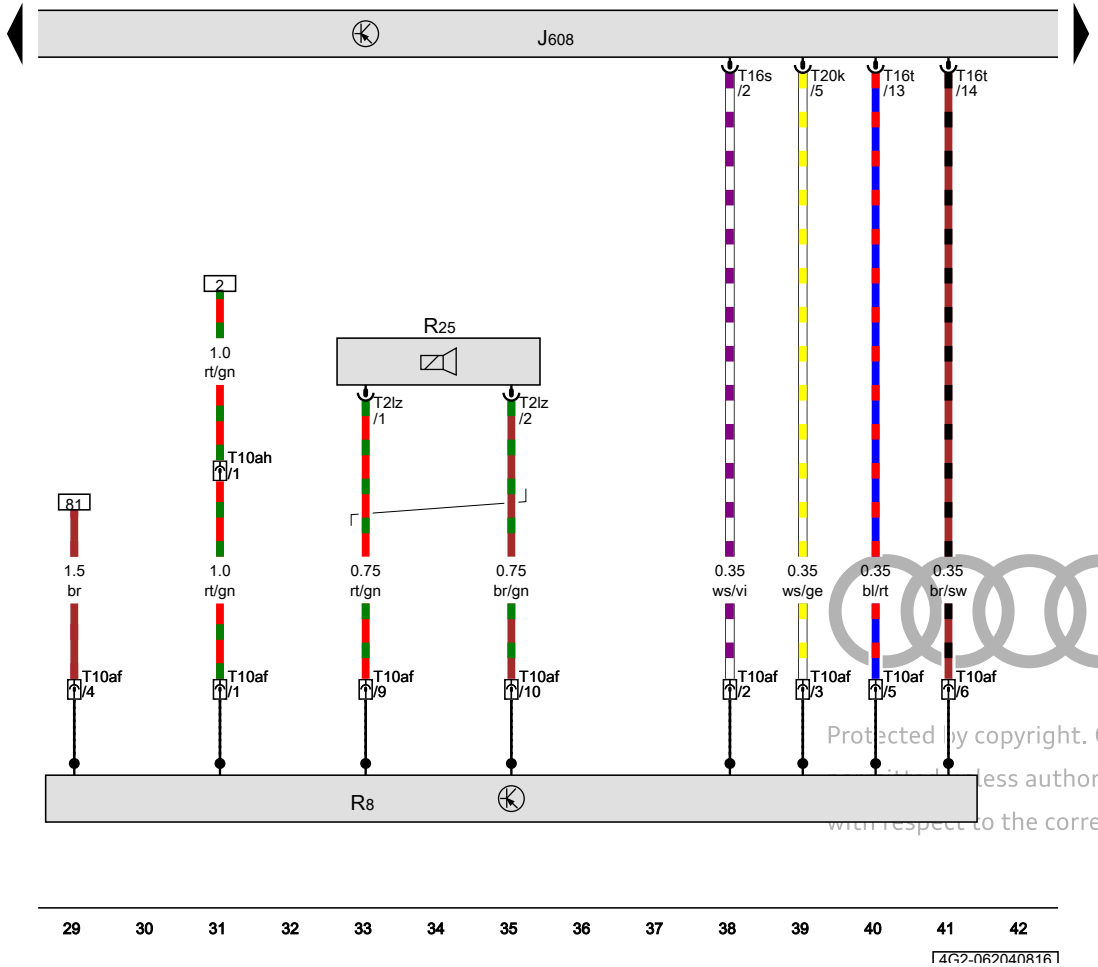
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Special vehicle control unit

J533	Data bus diagnostic interface
J608	Special vehicle control unit
T12ai	12-pin connector
T16t	16-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
X175	Positive connection (30a), in optional equipment wiring harness
*	Data bus wire (CAN bus)

Special vehicle control unit, Two-way radio, Two-way radio loudspeaker

J608	Special vehicle control unit
R8	Two-way radio
R25	Two-way radio loudspeaker
T2lz	2-pin connector
T10af	10-pin connector, on 2-way radio
T10ah	10-pin connector, in luggage compartment, rear right
T16s	16-pin connector
T16t	16-pin connector
T20k	20-pin connector

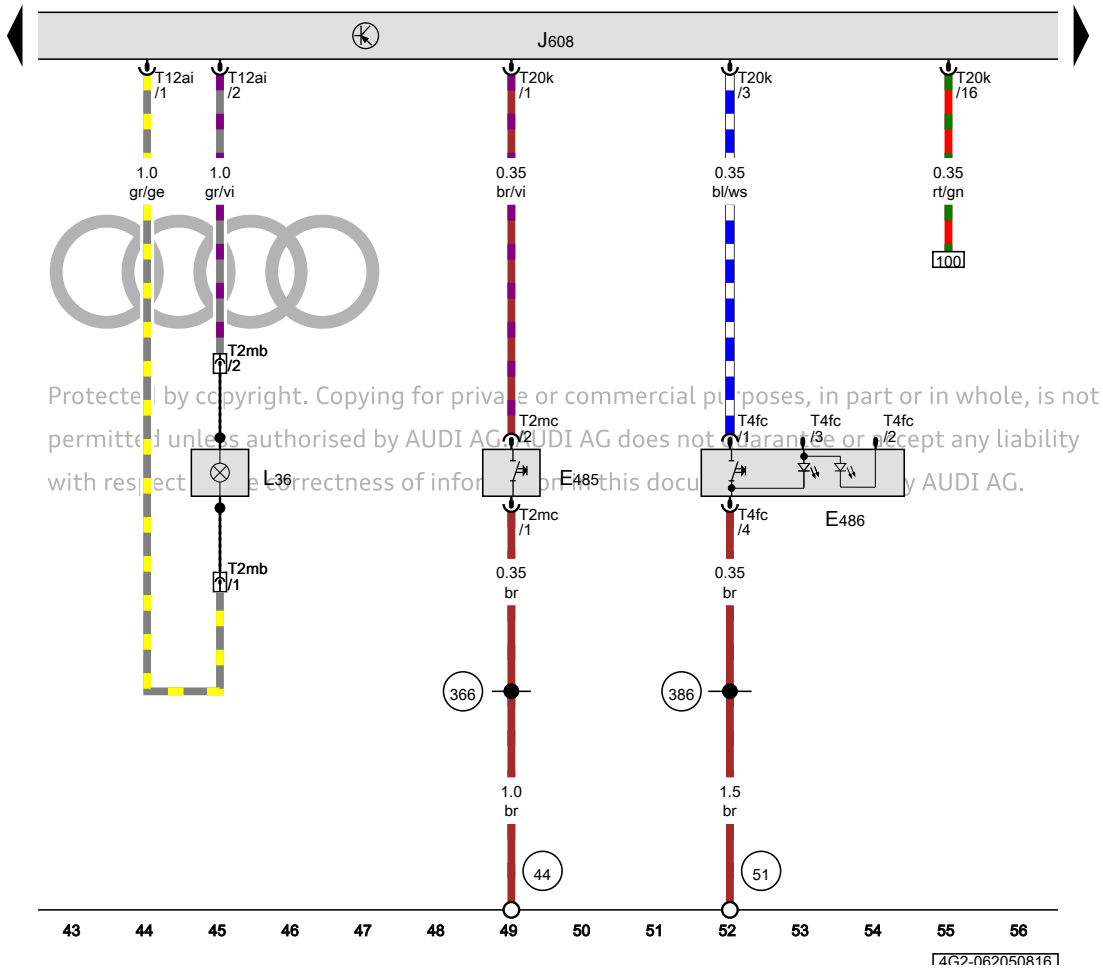


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Taxi alarm active button, Taxi alarm off button, Special vehicle control unit, Taxi roof sign light bulb

E485	Taxi alarm active button
E486	Taxi alarm off button
J608	Special vehicle control unit
L36	Taxi roof sign light bulb
T2mb	2-pin connector, on left B-pillar
T2mc	2-pin connector
T4fc	4-pin connector
T12ai	12-pin connector
T20k	20-pin connector
44	Earth point, lower part of left A-pillar
51	Earth point, on right in luggage compartment
366	Earth connection 1, in main wiring harness
386	Earth connection 21, in main wiring harness

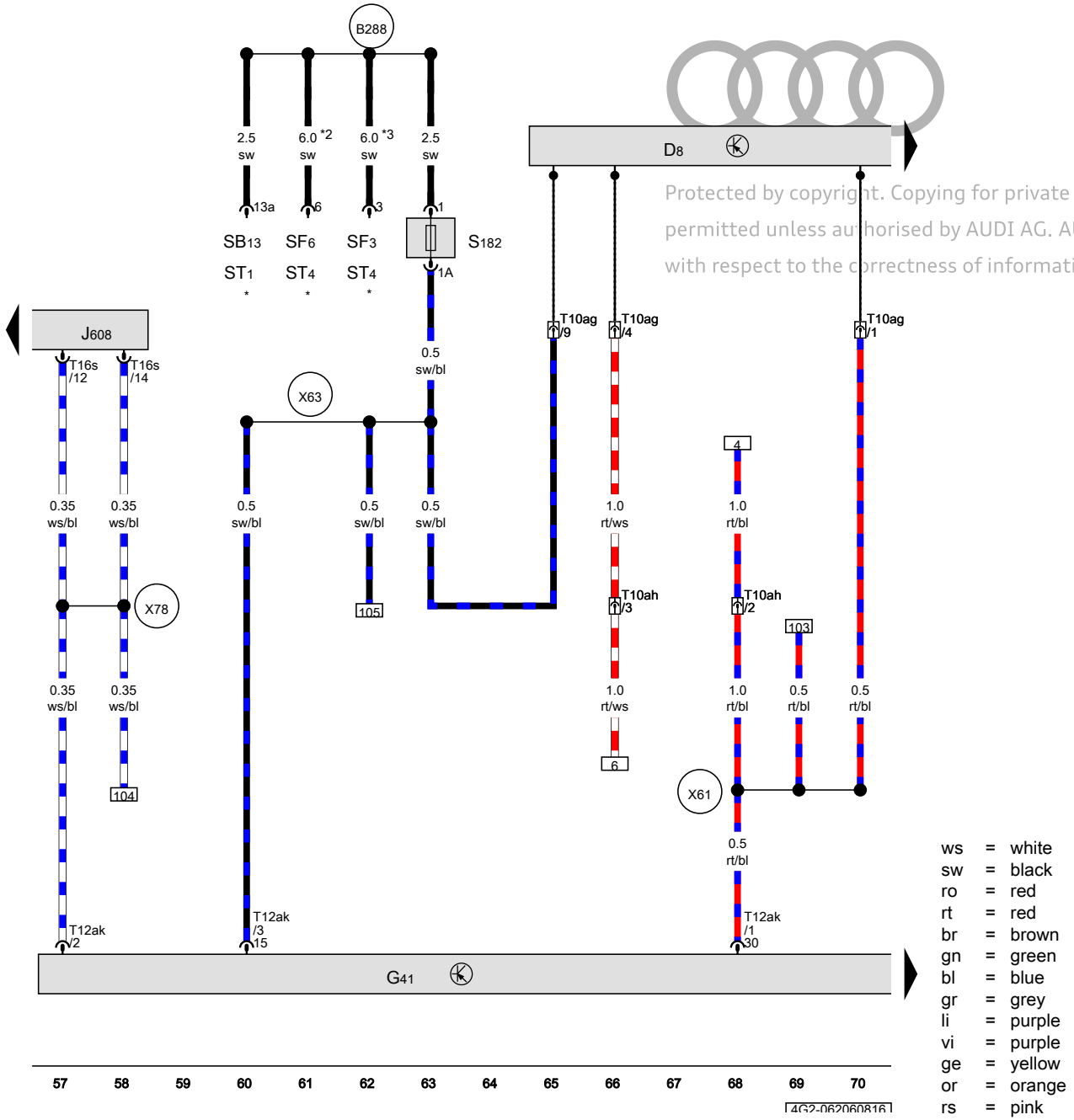


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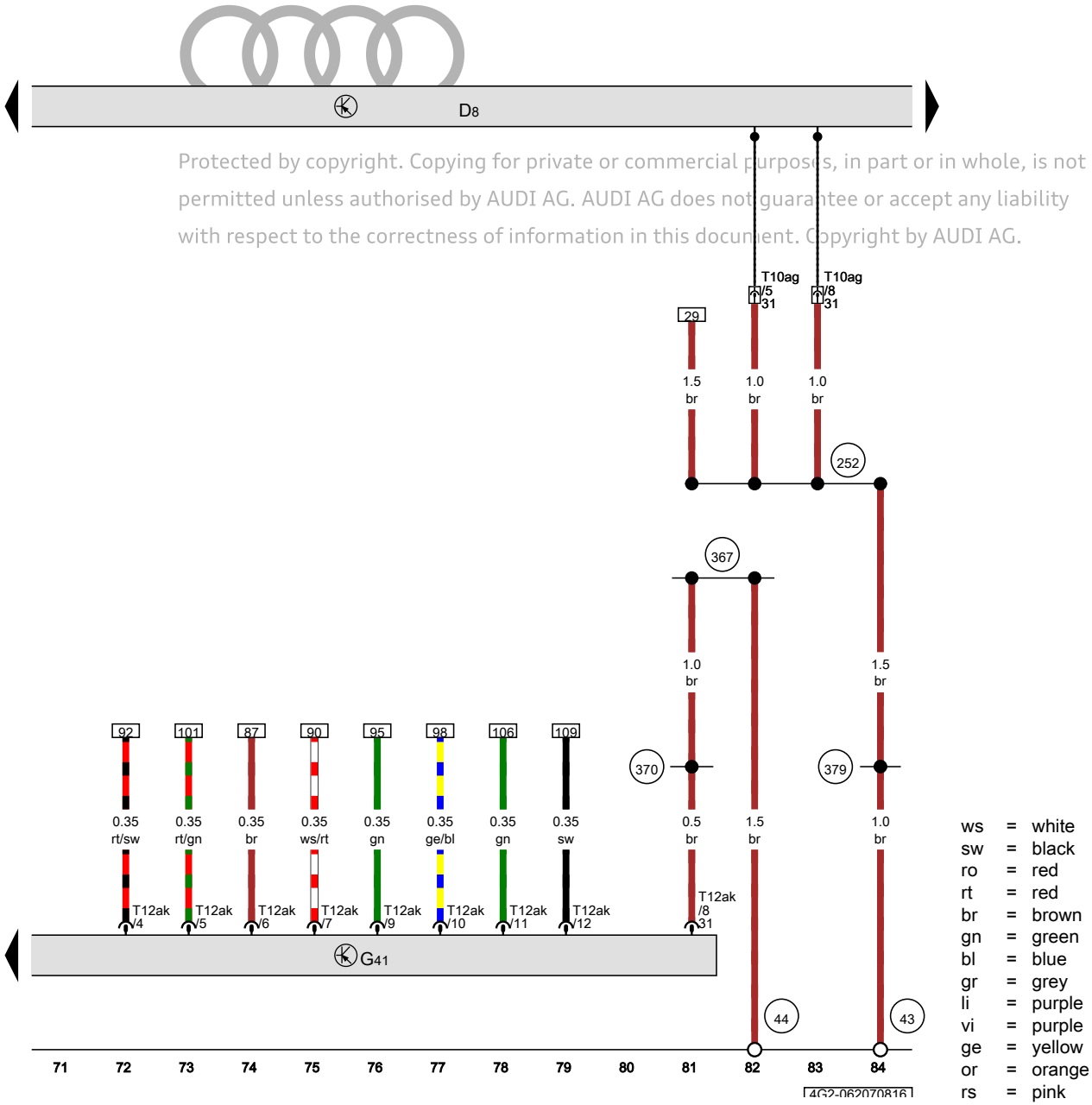
Chip card reader, Taximeter, Special vehicle control unit, Taximeter fuse

D8	Chip card reader
G41	Taximeter, near interior mirror
J608	Special vehicle control unit
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SB13	Fuse 13 on fuse holder B
S182	Taximeter fuse, on relay and fuse carrier, on right in luggage compartment
T10ag	10-pin connector, on right in dash panel
T10ah	10-pin connector, in luggage compartment, rear right
T12ak	12-pin connector
T16s	16-pin connector
B288	Positive connection 12 (15a) in main wiring harness
X61	Positive connection (30), in optional equipment wiring harness
X63	Positive connection 1 (15a), in optional equipment wiring harness
X78	Connection 1, in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to May 2014
*3	From June 2014



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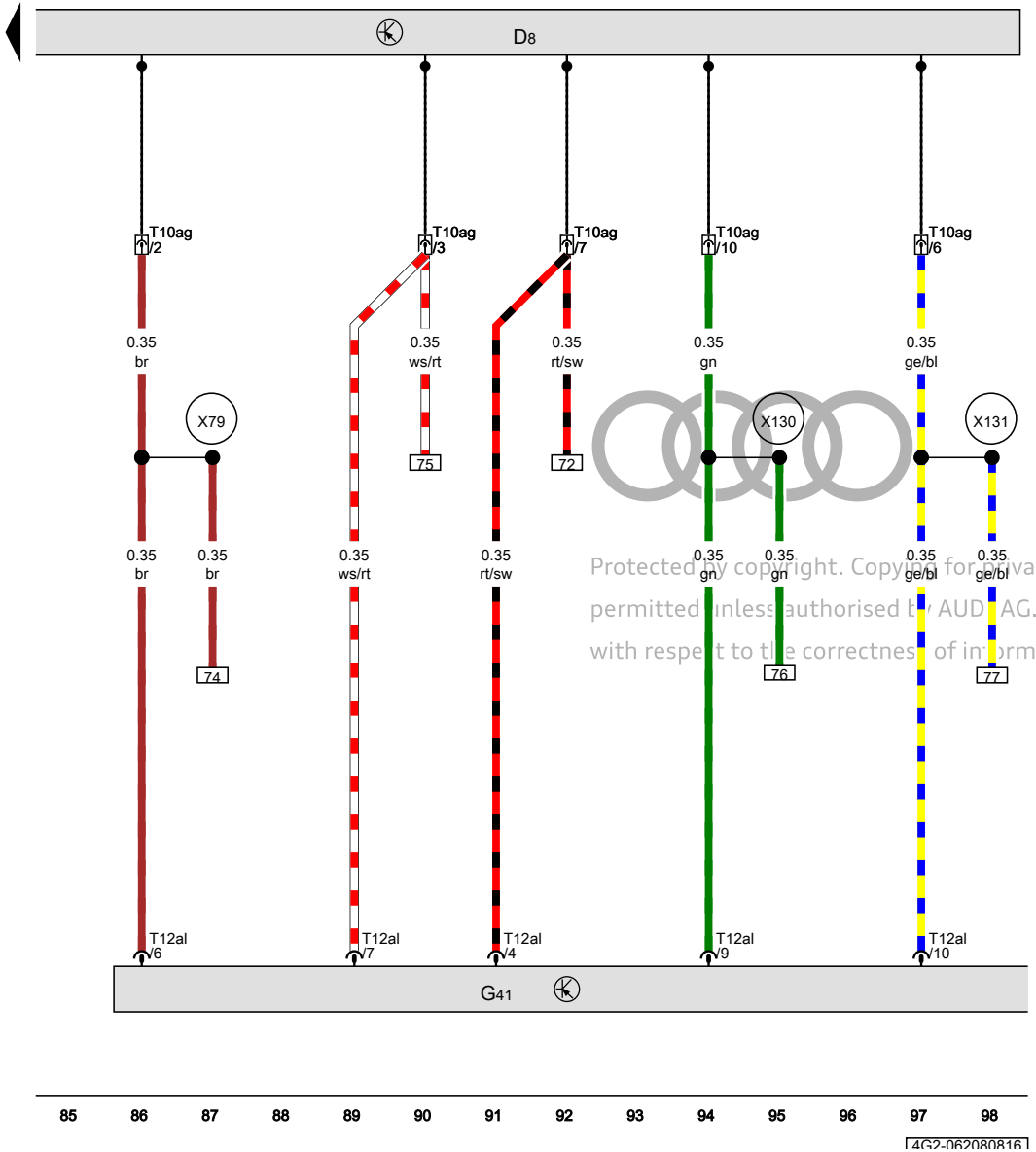
Chip card reader, Taximeter

D8	Chip card reader
G41	Taximeter, near interior mirror
T10ag	10-pin connector, on right in dash panel
T12ak	12-pin connector
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
252	Earth connection, in optional equipment wiring harness
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
379	Earth connection 14, in main wiring harness

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Chip card reader, Taximeter

D8	Chip card reader
G41	Taximeter, on right A-pillar
T10ag	10-pin connector, on right in dash panel
T12al	12-pin connector
X79	Connection 2, in optional equipment wiring harness
X130	Connection 3, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness

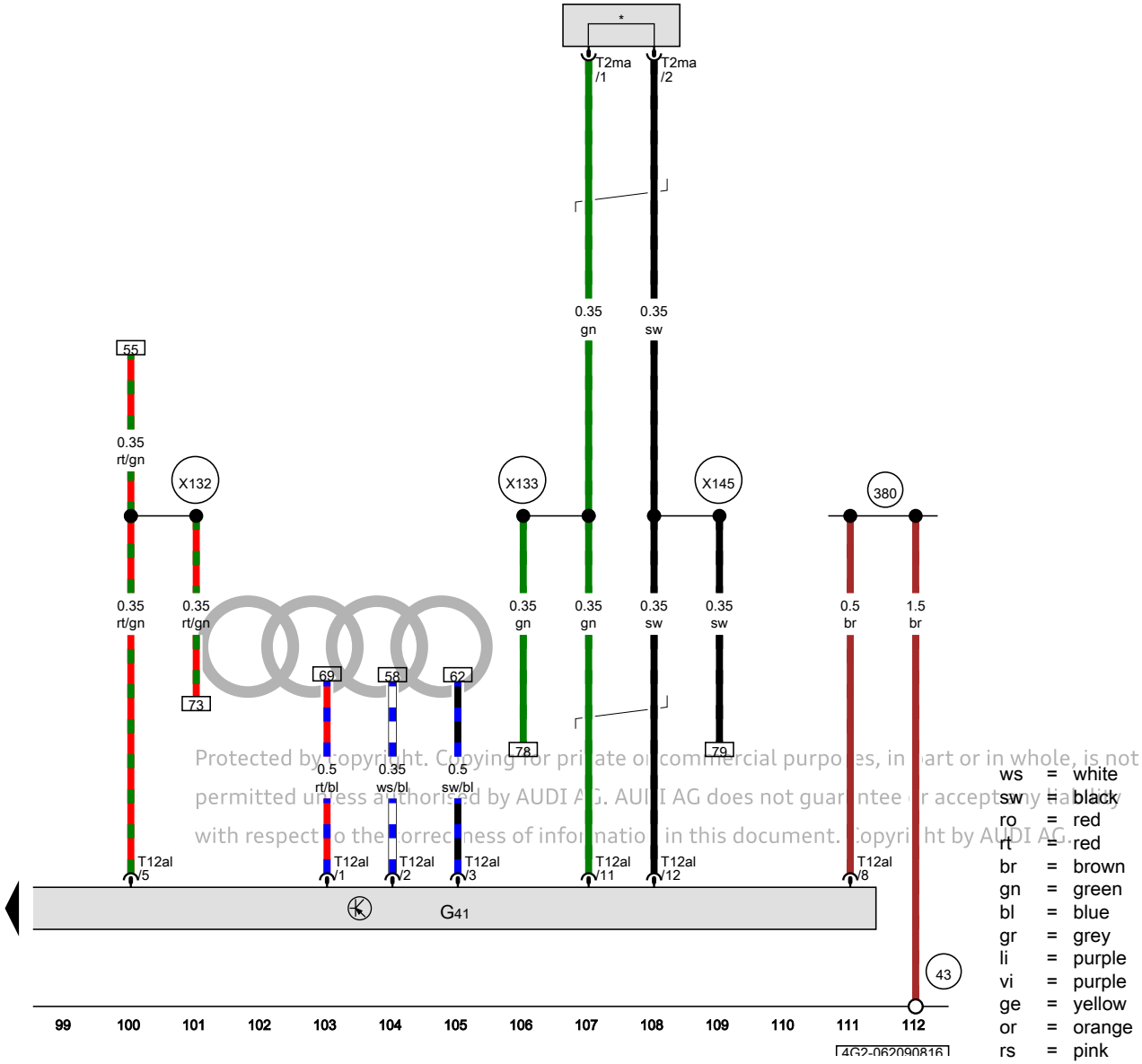


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Taximeter

G41	Taximeter, on right A-pillar
T2ma	2-pin connector
T12al	12-pin connector
43	Earth point, lower part of right A-pillar
380	Earth connection 15, in main wiring harness
X132	Connection 5, in optional equipment wiring harness
X133	Connection 6, in optional equipment wiring harness
X145	Connection 7, in optional equipment wiring harness
*	Only models with mirror taximeter

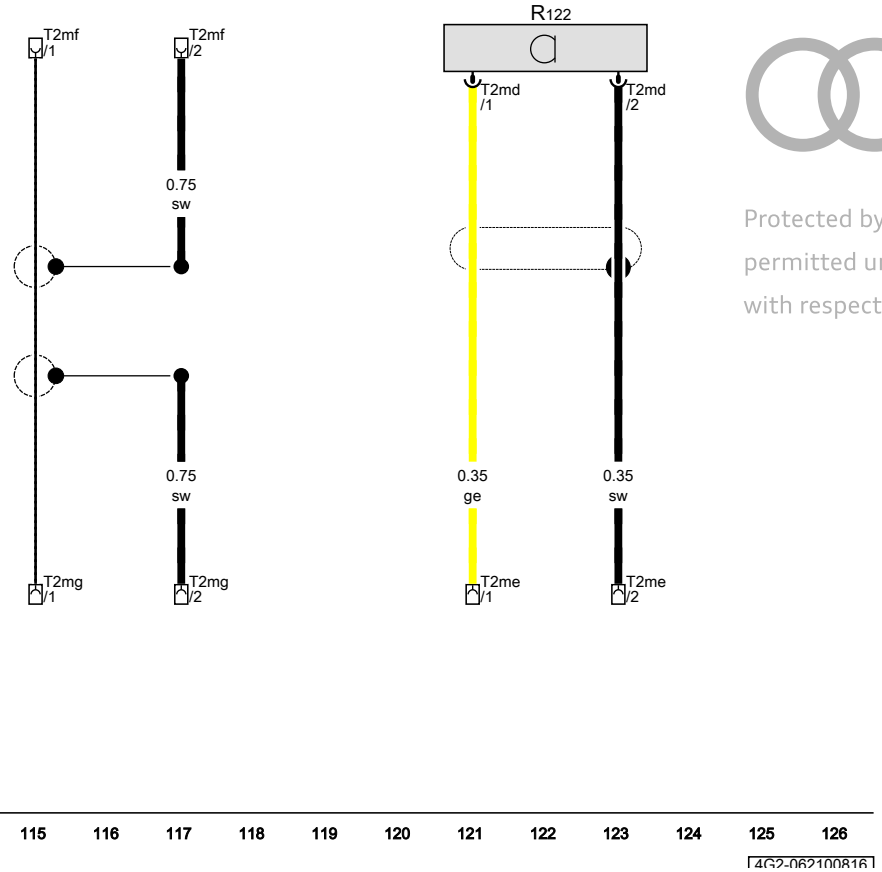


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2-way radio unit microphone

R122	2-way radio unit microphone
T2md	2-pin connector
T2me	2-pin connector, in left A-pillar
T2mf	2-pin connector, in luggage compartment, rear left
T2mg	2-pin connector, in left A-pillar



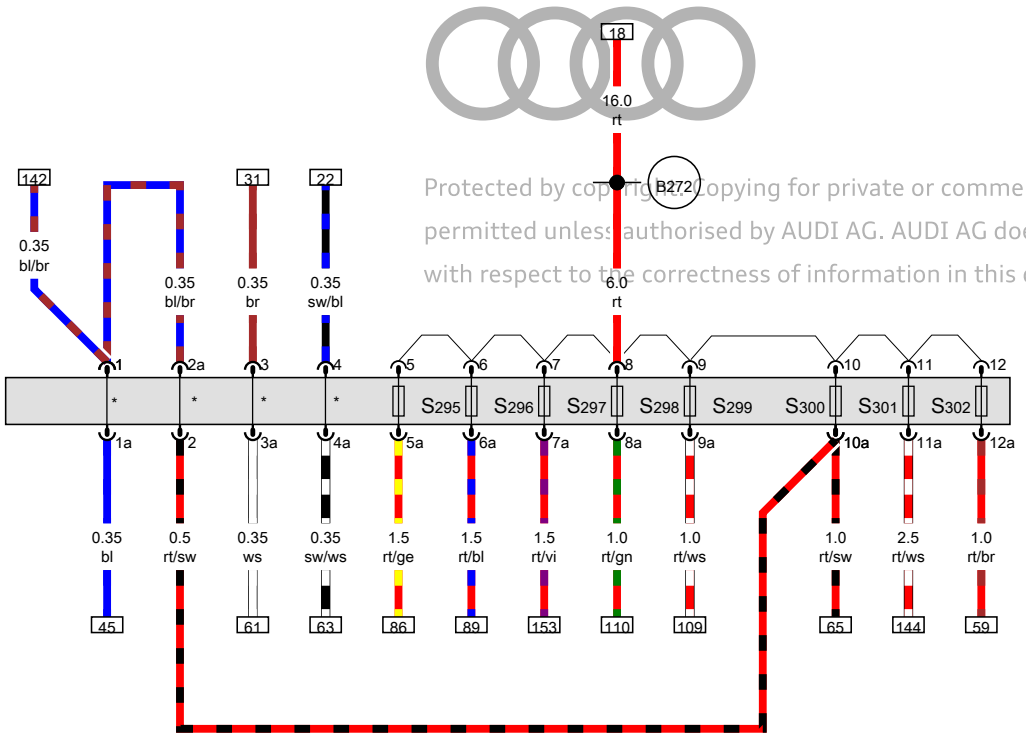
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Special equipment, public authority vehicle , (F6F),(F4Z),(F5B)

From June 2011

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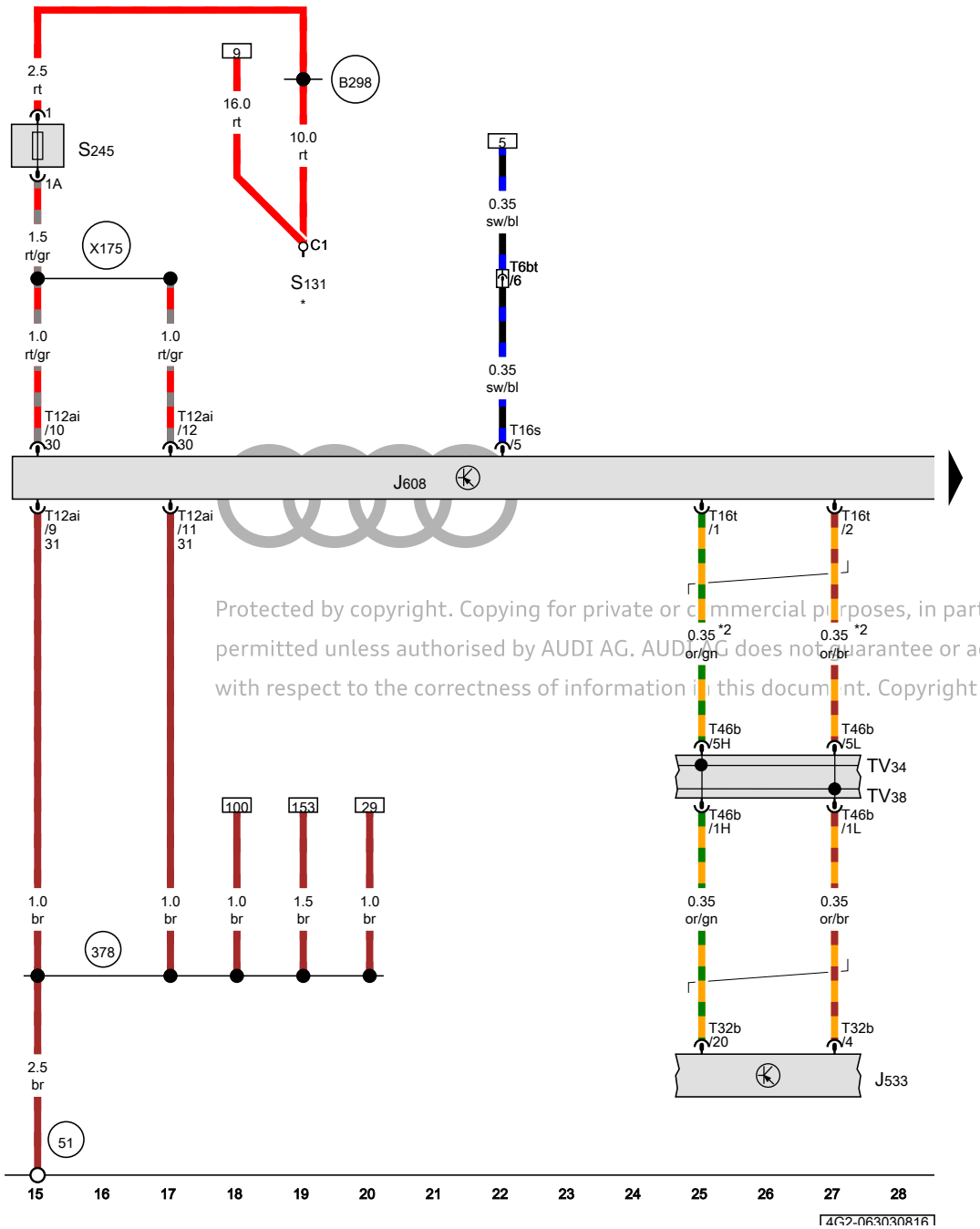
Special vehicle fuse 5

S295	Special vehicle fuse 5, in rear right side panel
S296	Special vehicle fuse 6, in rear right side panel
S297	Special vehicle fuse 7, in rear right side panel
S298	Special vehicle fuse 8, in rear right side panel
S299	Special vehicle fuse 9, in rear right side panel
S300	Special vehicle fuse 10, in rear right side panel
S301	Special vehicle fuse 11, in rear right side panel
S302	Special vehicle fuse 12, in rear right side panel
B272	Positive connection (30), in main wiring harness
*	Push-in bridge

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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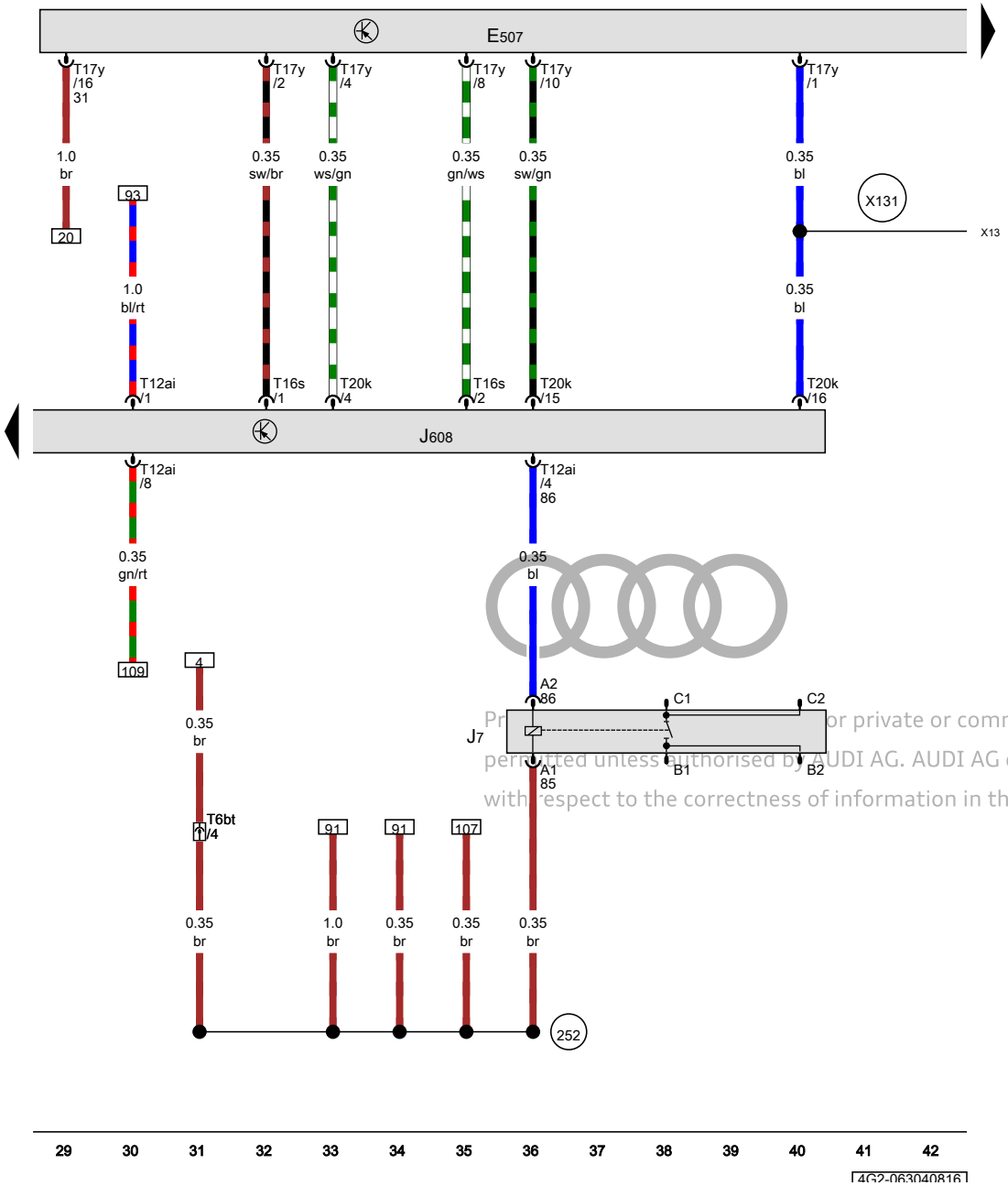


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Special vehicle control unit, Optional equipment main fuse

J533	Data bus diagnostic interface
J608	Special vehicle control unit
S131	Fuse 1
S245	Optional equipment main fuse, on relay and fuse carrier, on right in luggage compartment
T6bt	6-pin connector, in luggage compartment, rear right
T12ai	12-pin connector
T16s	16-pin connector
T16t	16-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
51	Earth point, on right in luggage compartment
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
X175	Positive connection (30a), in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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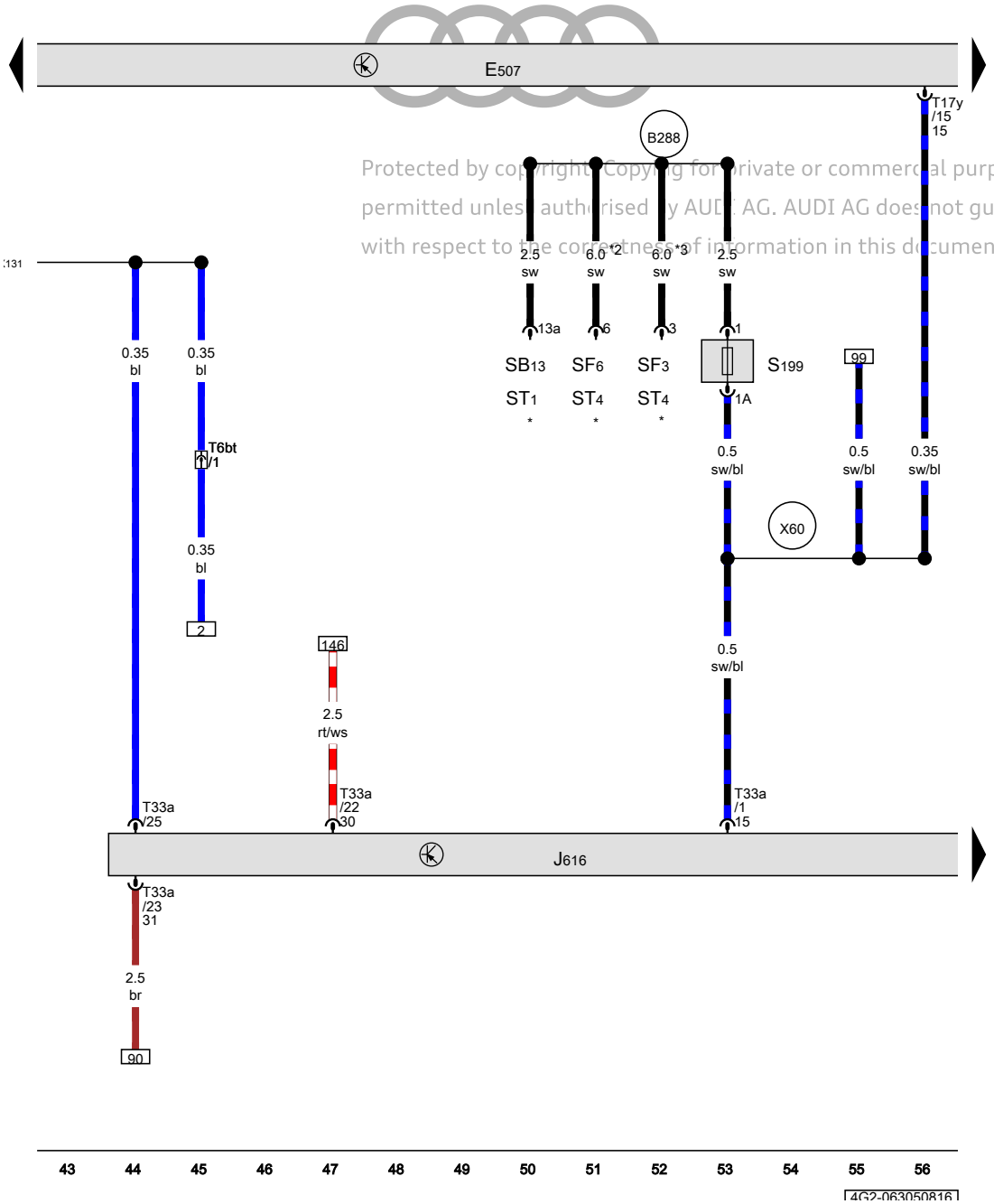


Operating unit for special signals, Battery isolation relay, Special vehicle control unit

E507	Operating unit for special signals
J7	Battery isolation relay
J608	Special vehicle control unit
T6bt	6-pin connector, in luggage compartment, rear right
T12ai	12-pin connector
T16s	16-pin connector
T17y	17-pin connector
T20k	20-pin connector
252	Earth connection, in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness

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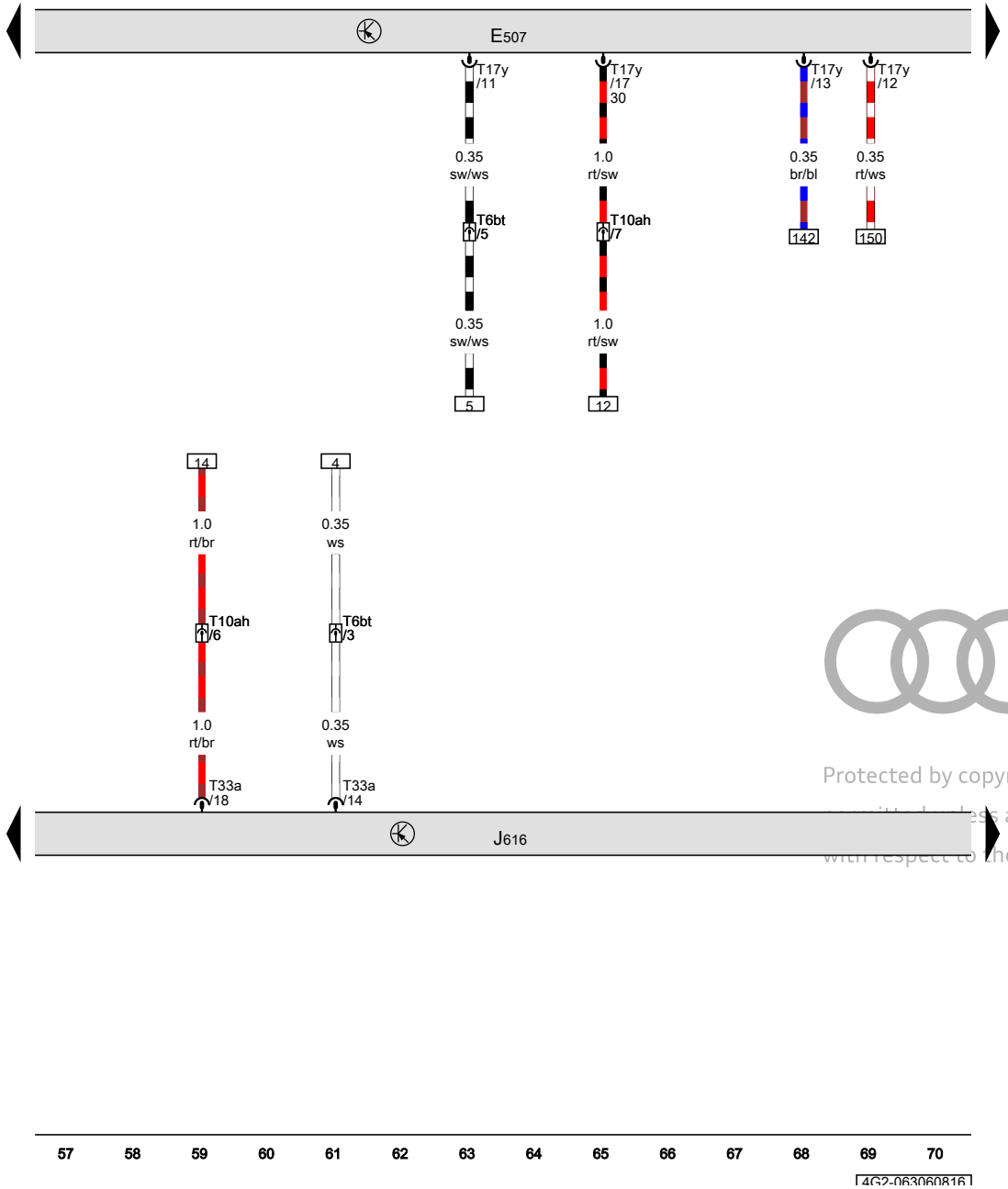
Operating unit for special signals, Signal system control unit, Fuse 1 (15)

E507	Operating unit for special signals
J616	Signal system control unit
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SB13	Fuse 13 on fuse holder B
S199	Fuse 1 (15), on relay and fuse carrier, on right in luggage compartment
T6bt	6-pin connector, in luggage compartment, rear right
T17y	17-pin connector
T33a	33-pin connector
B288	Positive connection 12 (15a) in main wiring harness
X60	Positive connection 2 (15a), in optional equipment wiring harness
X131	Connection 4, in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to May 2014
*3	From June 2014

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gr	=	grey
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or	=	orange
rs	=	pink

Operating unit for special signals, Signal system control unit

E507	Operating unit for special signals
J616	Signal system control unit
T6bt	6-pin connector, in luggage compartment, rear right
T10ah	10-pin connector, in luggage compartment, rear right
T17y	17-pin connector
T33a	33-pin connector

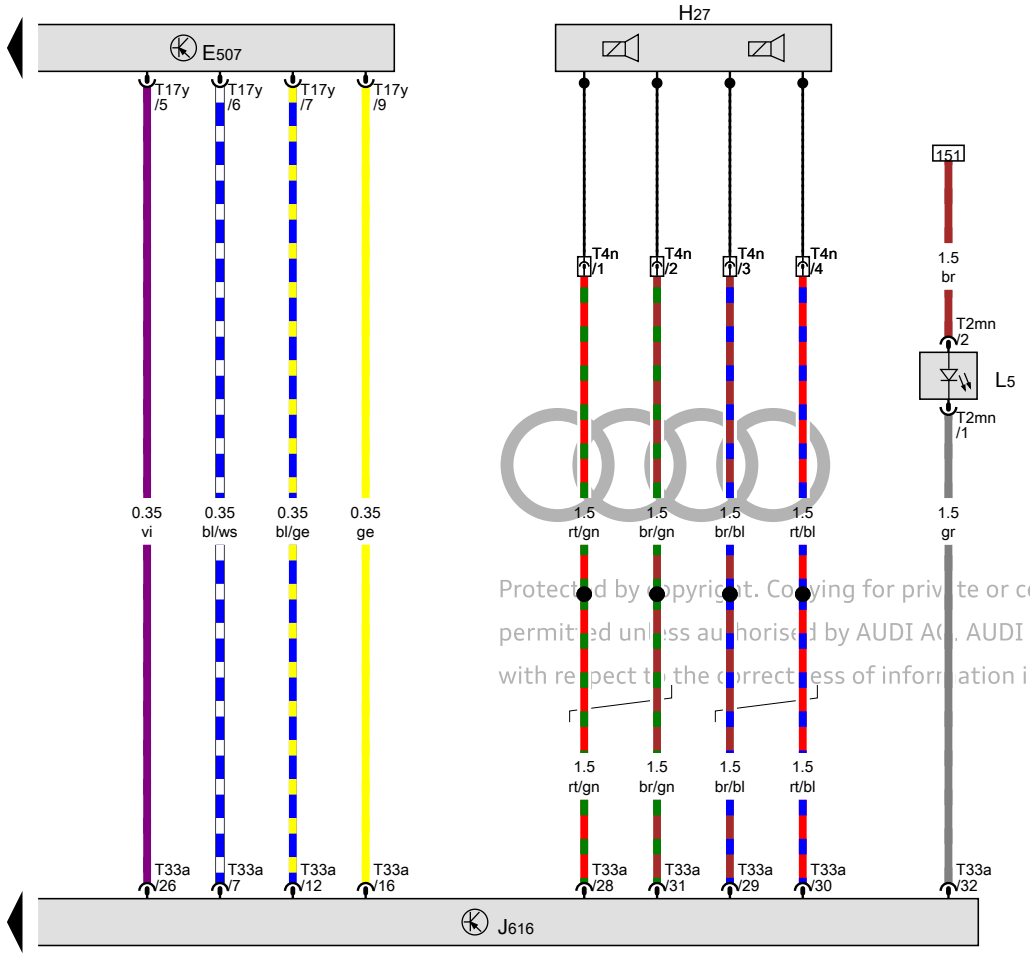


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Operating unit for special signals, Siren, Signal system control unit, Rotating light bulb

E507	Operating unit for special signals
H27	Siren
J616	Signal system control unit
L5	Rotating light bulb
T2mn	2-pin connector
T4n	4-pin connector, behind front bumper on left
T17y	17-pin connector
T33a	33-pin connector



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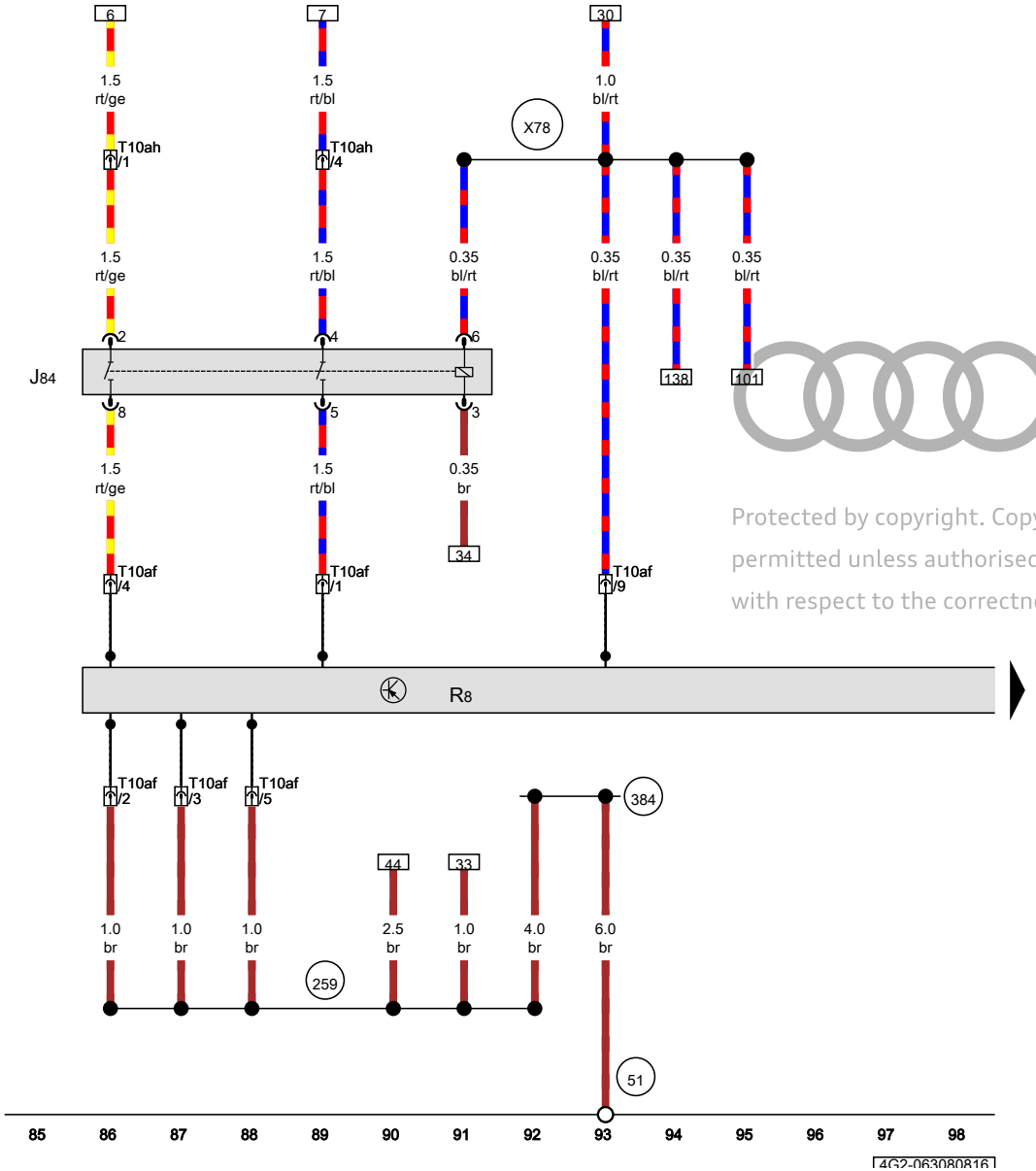
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Two-way radio voltage relay, Two-way radio

J84	Two-way radio voltage relay
R8	Two-way radio
T10af	10-pin connector, on 2-way radio
T10ah	10-pin connector, in luggage compartment, rear right
51	Earth point, on right in luggage compartment
259	Earth connection 2, in optional equipment wiring harness
384	Earth connection 19, in main wiring harness
X78	Connection 1, in optional equipment wiring harness

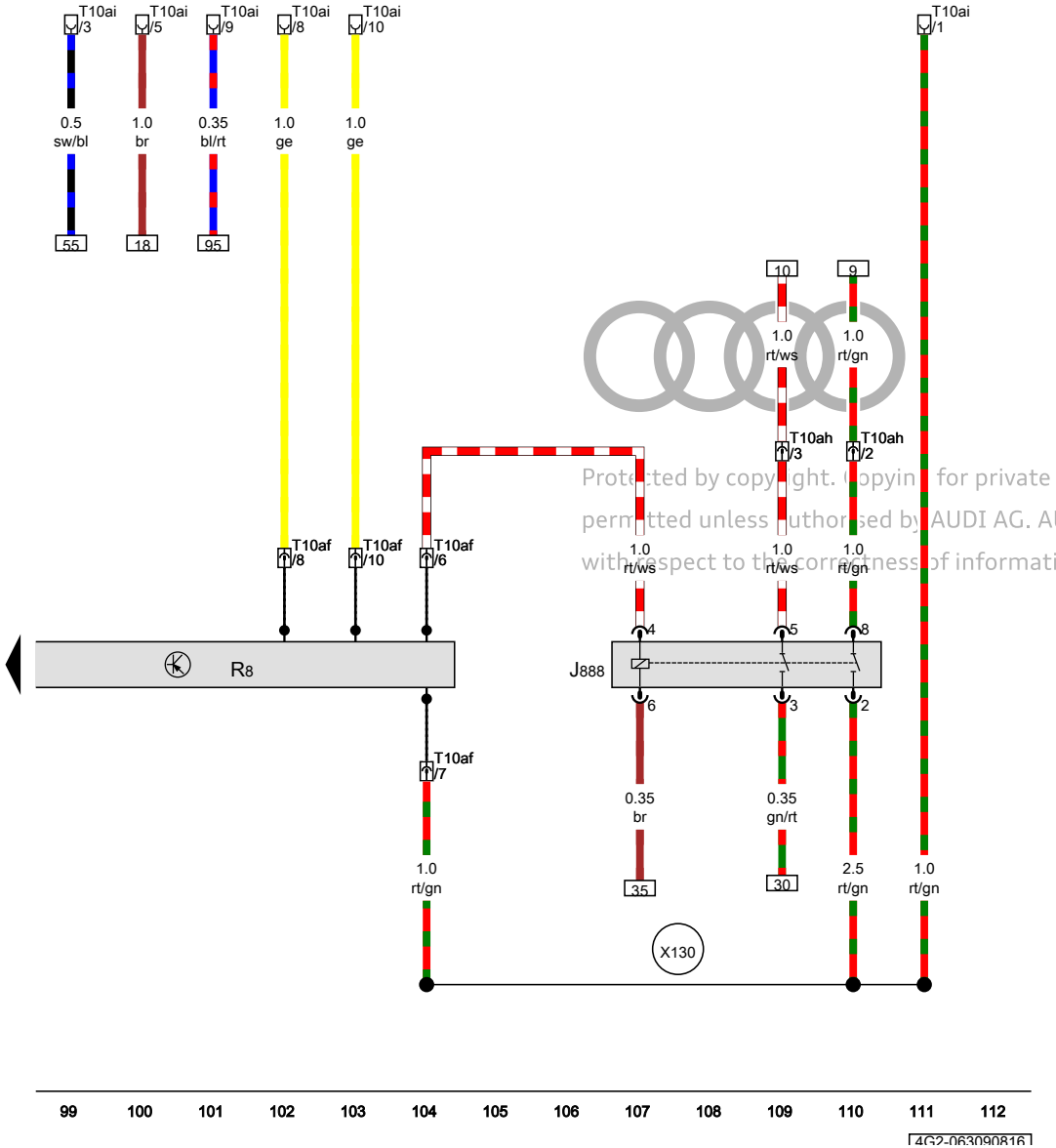


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Two-way radio voltage relay 2, Two-way radio

J888	Two-way radio voltage relay 2
R8	Two-way radio
T10af	10-pin connector, on 2-way radio
T10ah	10-pin connector, in luggage compartment, rear right
T10ai	10-pin connector, on right in dash panel
X130	Connection 3, in optional equipment wiring harness



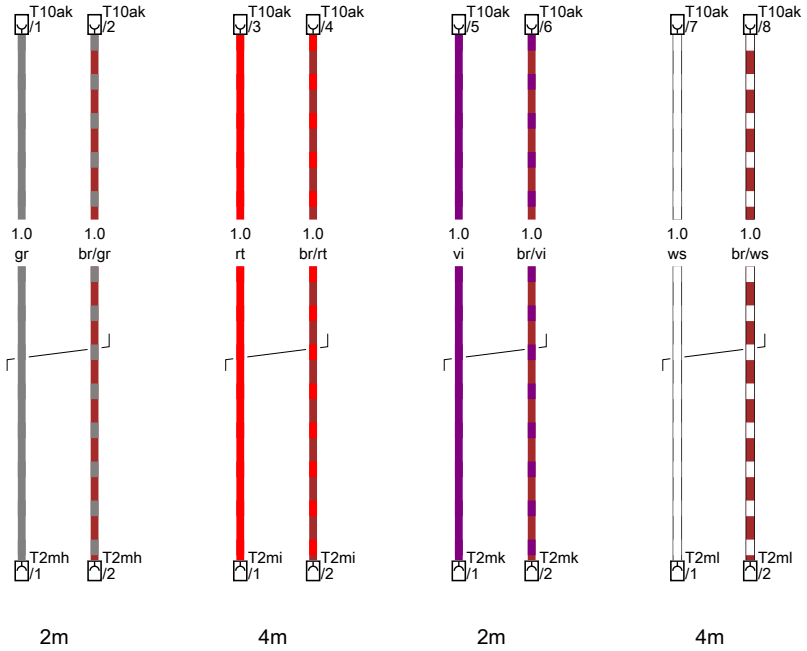
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10-pin connector

T2mh	2-pin connector, on right B-pillar
T2mi	2-pin connector, on right B-pillar
T2mk	2-pin connector, on left B-pillar
T2ml	2-pin connector, on left B-pillar
T10ak	10-pin connector, lower part of B-pillar, front passenger side



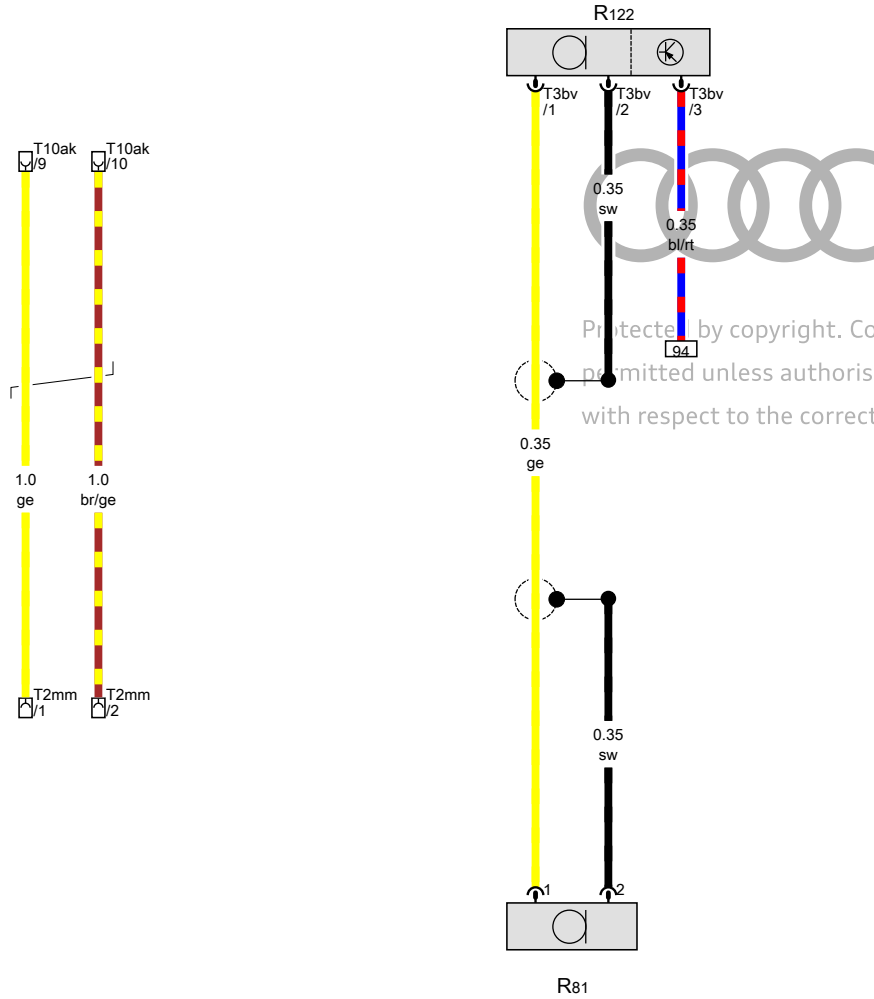
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2-way radio unit microphone

R81	Microphone for special signals, in left A-pillar
R122	2-way radio unit microphone
T2mm	2-pin connector, on left A-pillar
T3bv	3-pin connector
T10ak	10-pin connector, lower part of B-pillar, front passenger side



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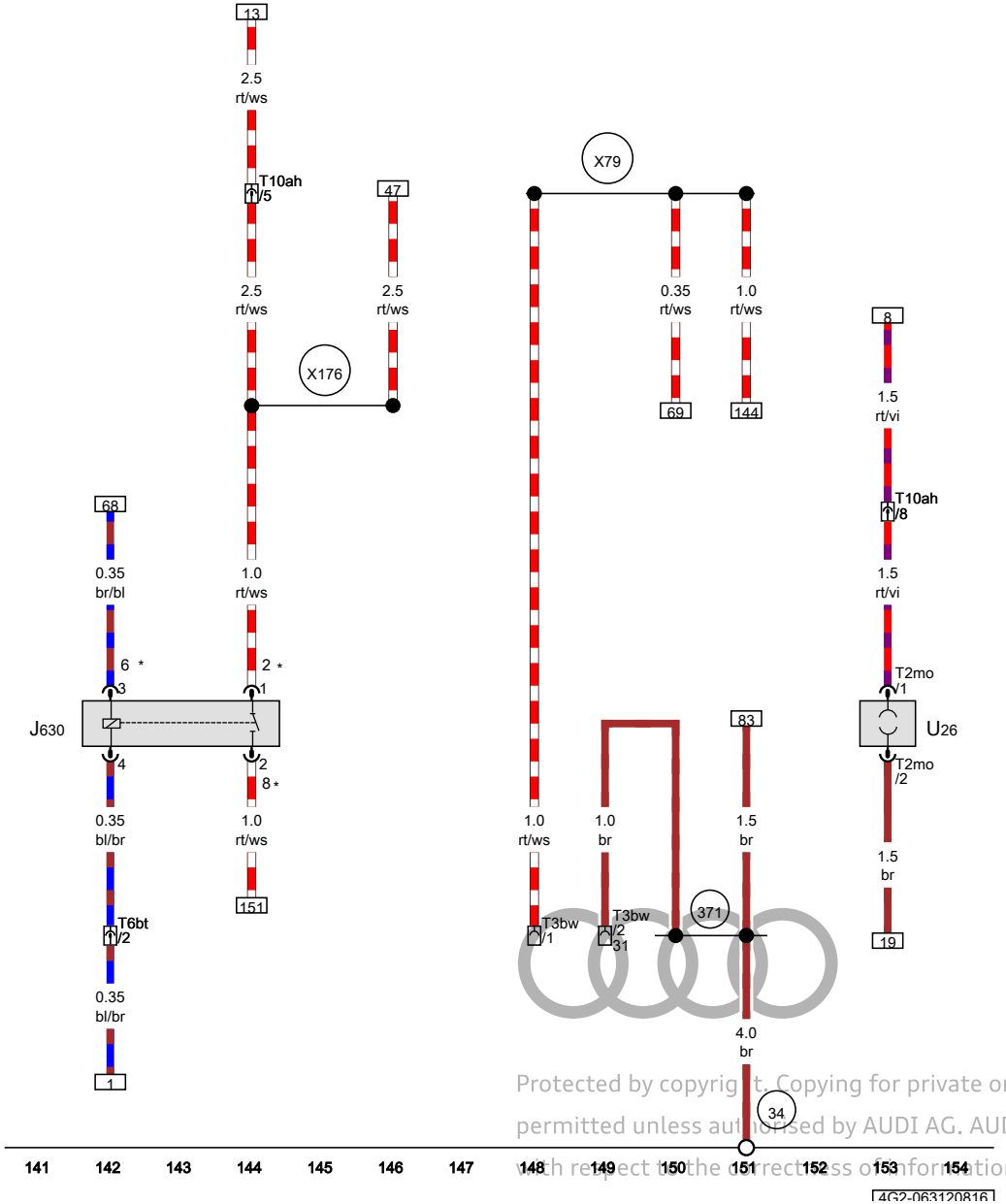
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Flashing lights relay, 12 V socket 5

J630	Flashing lights relay
T2mo	2-pin connector
T3bw	3-pin connector, Coupling point for front speed camera
T6bt	6-pin connector, in luggage compartment, rear right
T10ah	10-pin connector, in luggage compartment, rear right
U26	12 V socket 5
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
X79	Connection 2, in optional equipment wiring harness
X176	Positive connection 2 (30a), in optional equipment wiring harness
*	gradual introduction



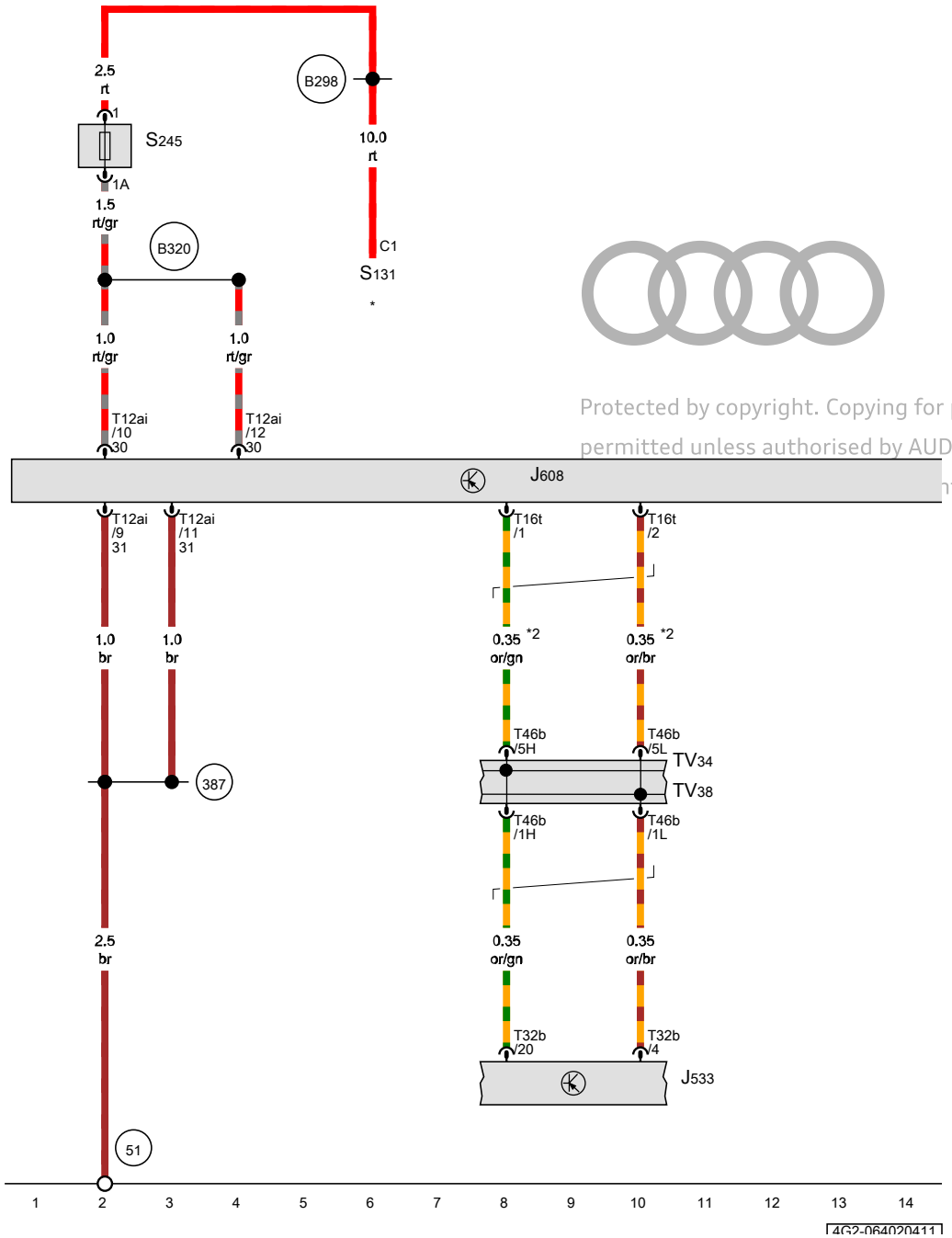
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Preparation for driving aids for disabled persons

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Special vehicle control unit, Optional equipment main fuse

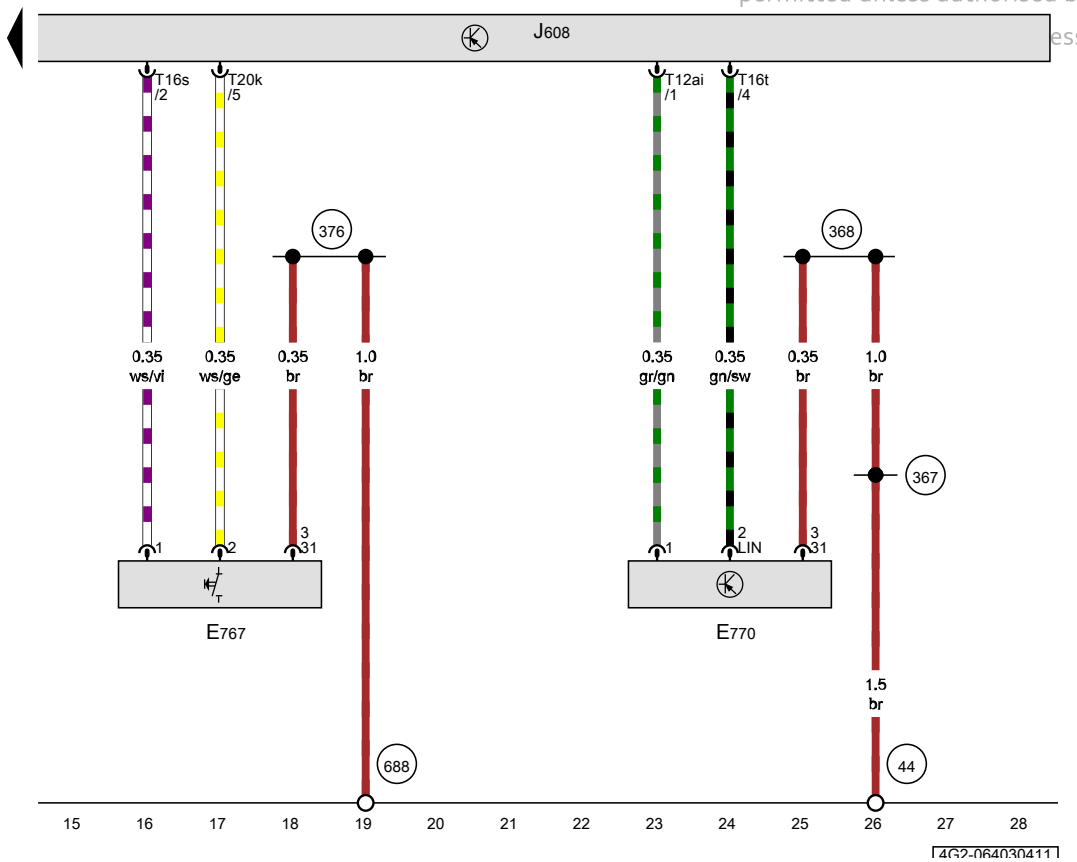
J533	Data bus diagnostic interface
J608	Special vehicle control unit
S131	Fuse 1
S245	Optional equipment main fuse, on relay and fuse carrier, on right in luggage compartment
T12ai	12-pin connector
T16t	16-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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Button for driving aids for disabled persons, Operating unit for driving aids for disabled persons, Special vehicle control unit

E767	Button for driving aids for disabled persons, in front centre console
E770	Operating unit for driving aids for disabled persons, on left in dash panel
J608	Special vehicle control unit
T12ai	12-pin connector
T16s	16-pin connector
T16t	16-pin connector
T20k	20-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel

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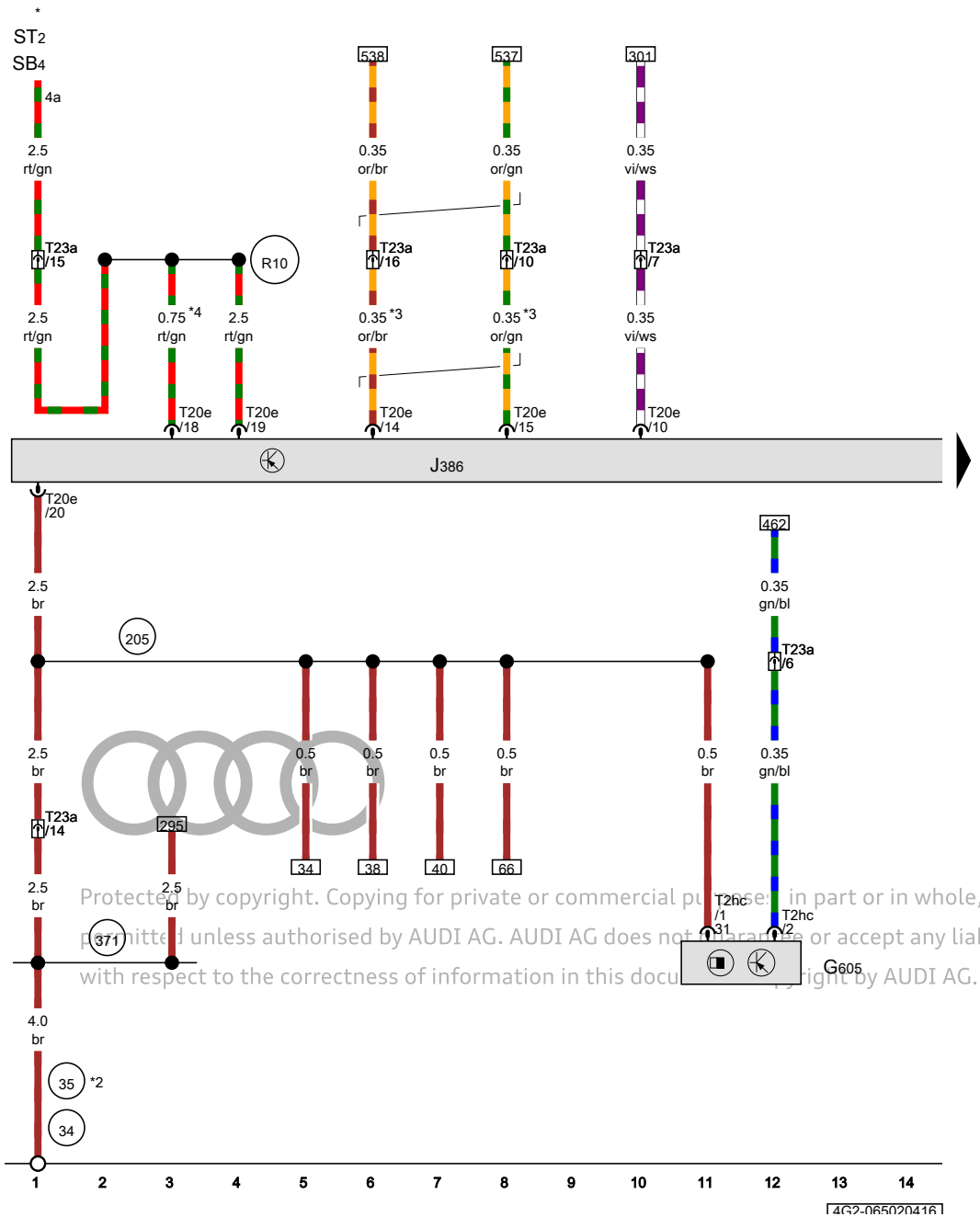


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Convenience system , (L0L)

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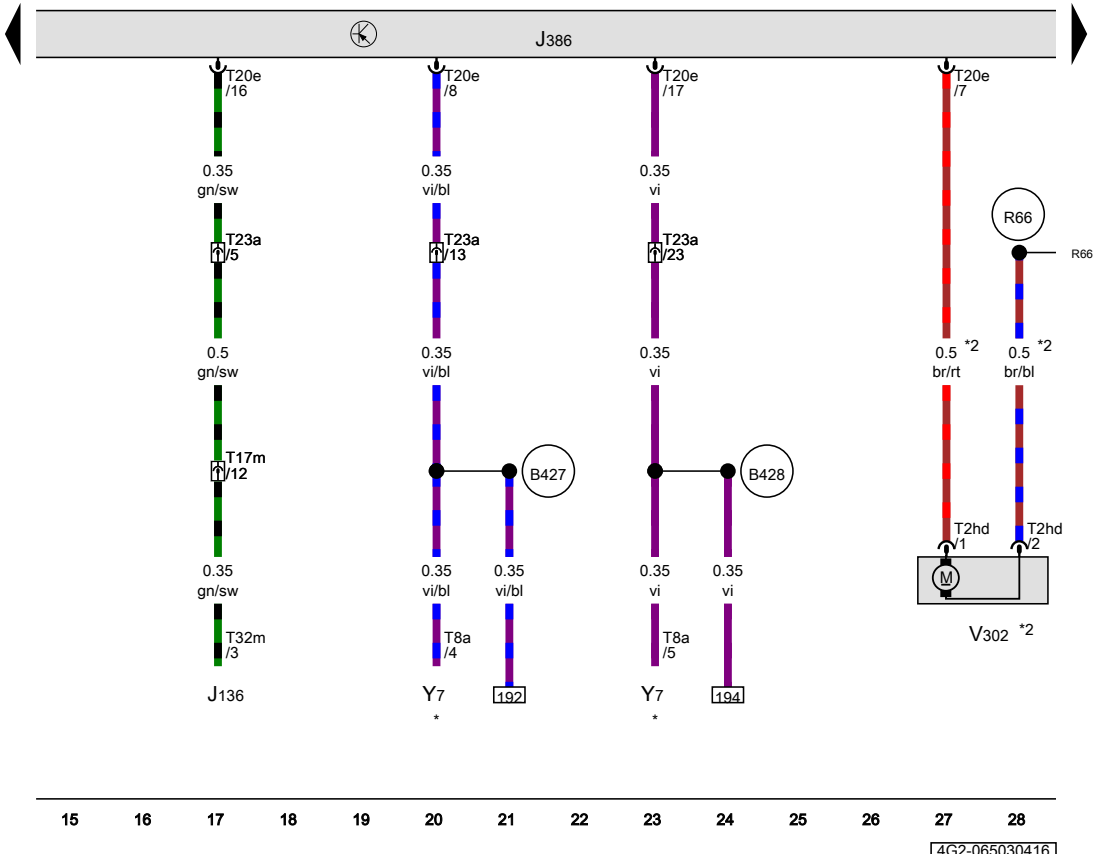
Contact sensor for front left exterior door handle, Driver door control unit

G605	Contact sensor for front left exterior door handle
J386	Driver door control unit
ST2	Fuse carrier 2
SB4	Fuse 4 on fuse holder B
T2hc	2-pin connector
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
34	Earth point, under driver seat
35	Earth point, under front passenger seat
205	Earth connection, in driver door wiring harness
371	Earth connection 6, in main wiring harness
R10	Positive connection 1 (30), in driver door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models
*3	Data bus wire (CAN bus)
*4	Gradually discontinued

Driver door control unit, Driver door power latching motor

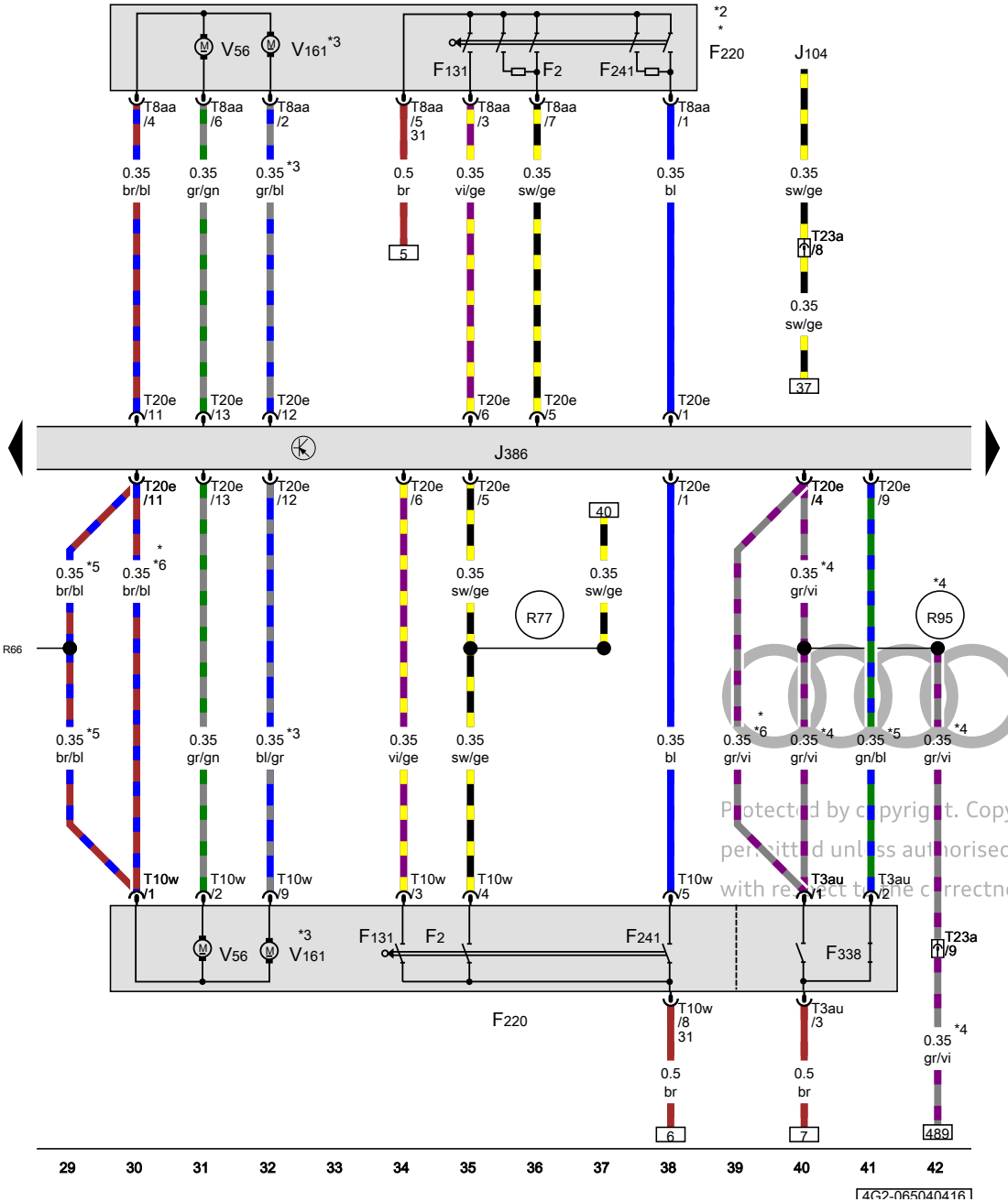
J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
T2hd	2-pin connector
T8a	8-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
T32m	32-pin connector
V302	Driver door power latching motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
R66	Positive connection (central locking), in driver door wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with power latching system

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Driver side central locking lock unit, Driver door control unit



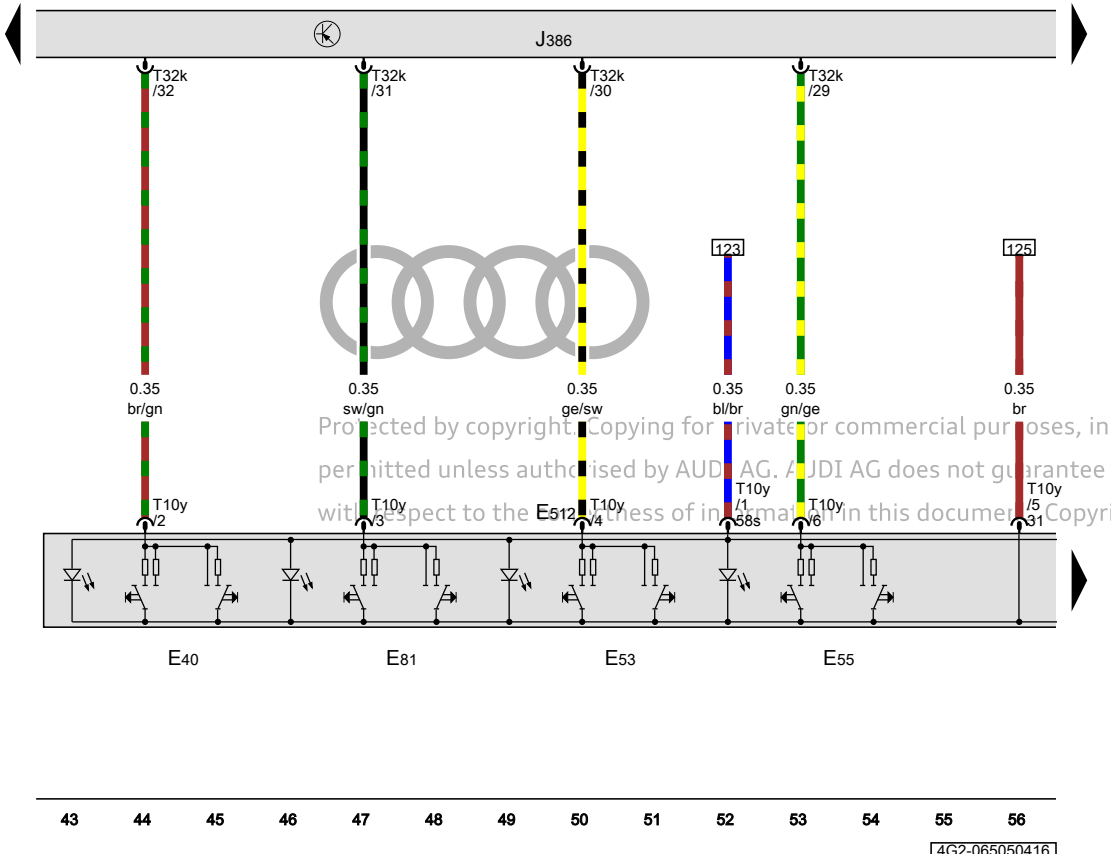
F2	Driver door contact switch
F131	Front left central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
F338	Driver door power latching system contact switch
J104	ABS control unit
J386	Driver door control unit
T3au	3-pin connector
T8aa	8-pin connector
T10w	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
R66	Positive connection (central locking), in driver door wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with hybrid drive system
*5	Only models with power latching system
*6	Only models with adaptive cruise control (ACC)

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Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10y	10-pin connector
T32k	32-pin connector

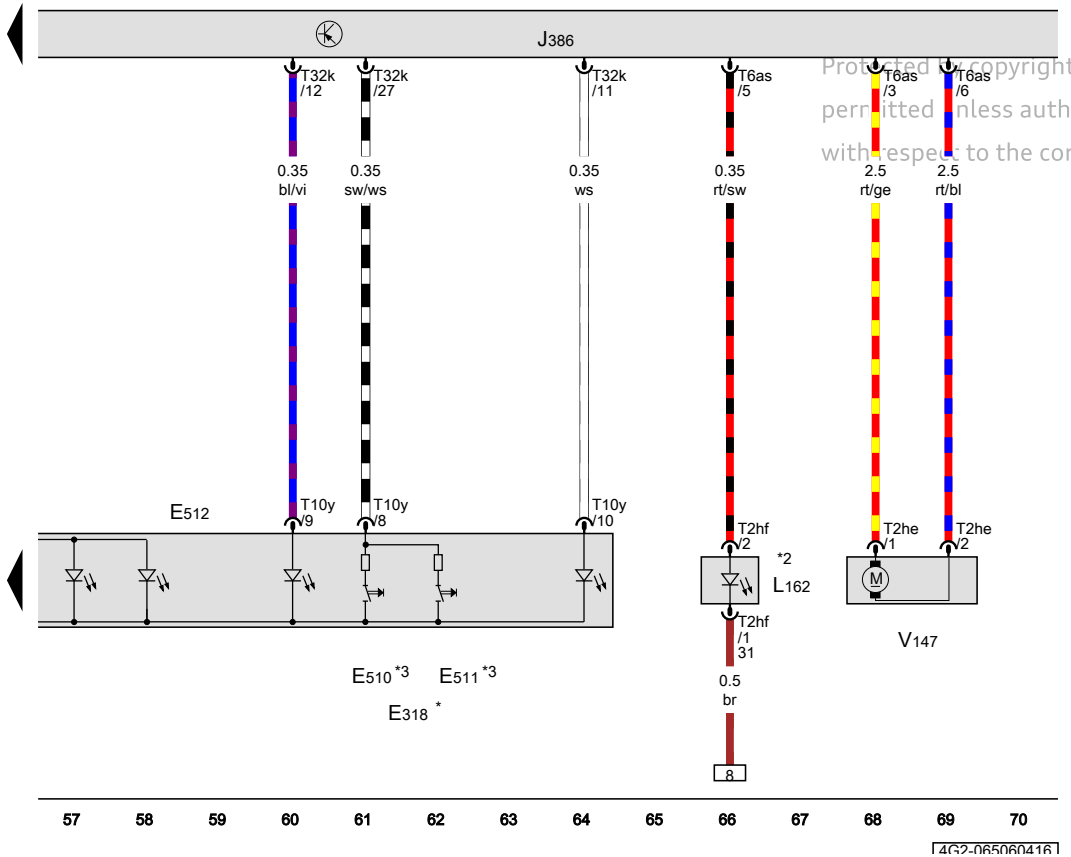


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rs	=	pink

Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Front left door exterior handle illumination bulb, Driver side window regulator motor

E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L162	Front left door exterior handle illumination bulb
T2he	2-pin connector
T2hf	2-pin connector
T6as	6-pin connector
T10y	10-pin connector
T32k	32-pin connector
V147	Driver side window regulator motor
*	Only models with no childproof locks
*2	Only models with additional lights
*3	Only models with childproof locks



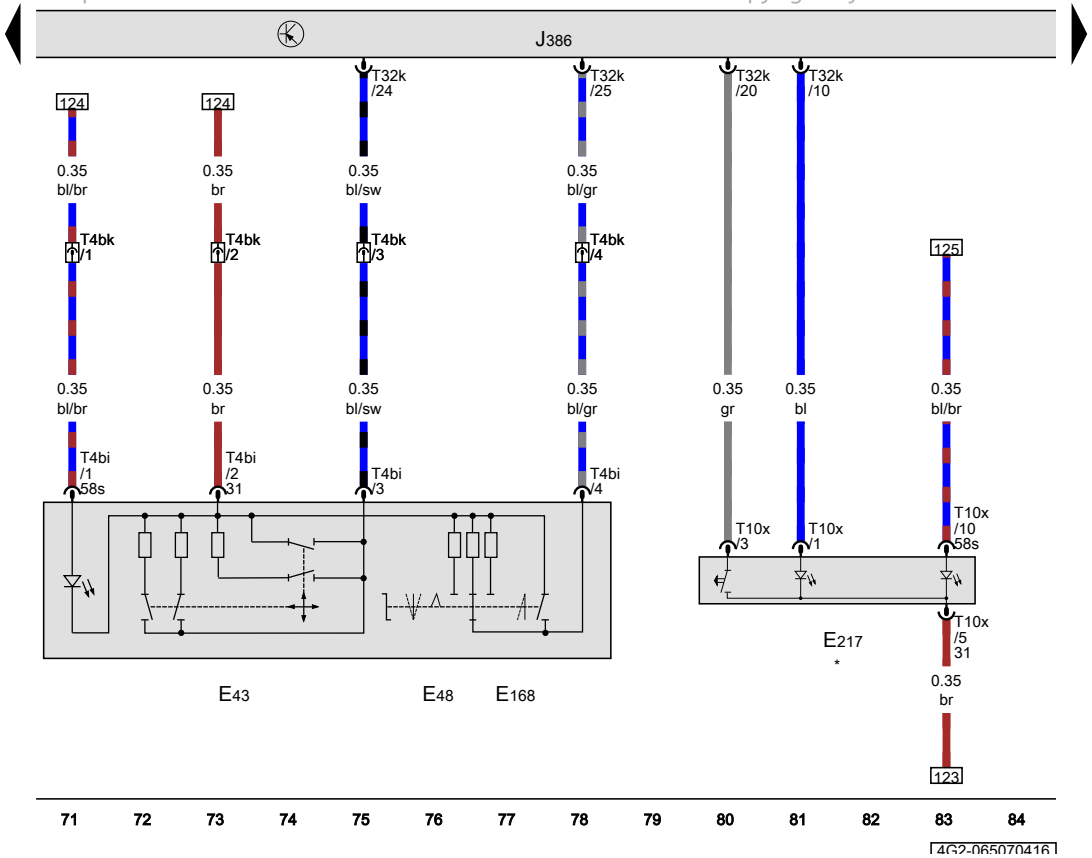
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Mirror adjustment switch, Alarm system off switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E217	Alarm system off switch
J386	Driver door control unit
T4bi	4-pin connector
T4bk	4-pin connector, in front left door
T10x	10-pin connector
T32k	32-pin connector
*	Only models with anti-theft alarm system and interior monitor and tow-away protection

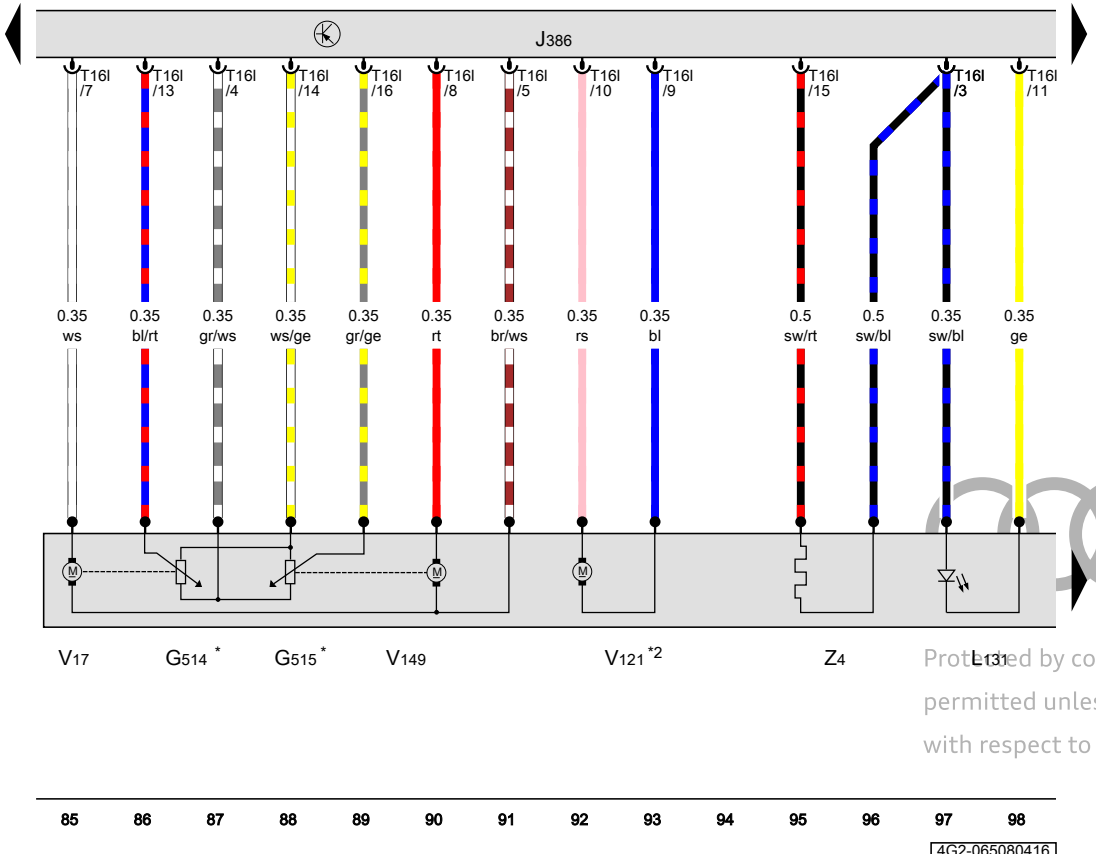
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Driver door control unit, Driver side mirror adjustment motor 2

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T16l	16-pin connector
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
*	Optional equipment
*2	Only models with fold-in mirror

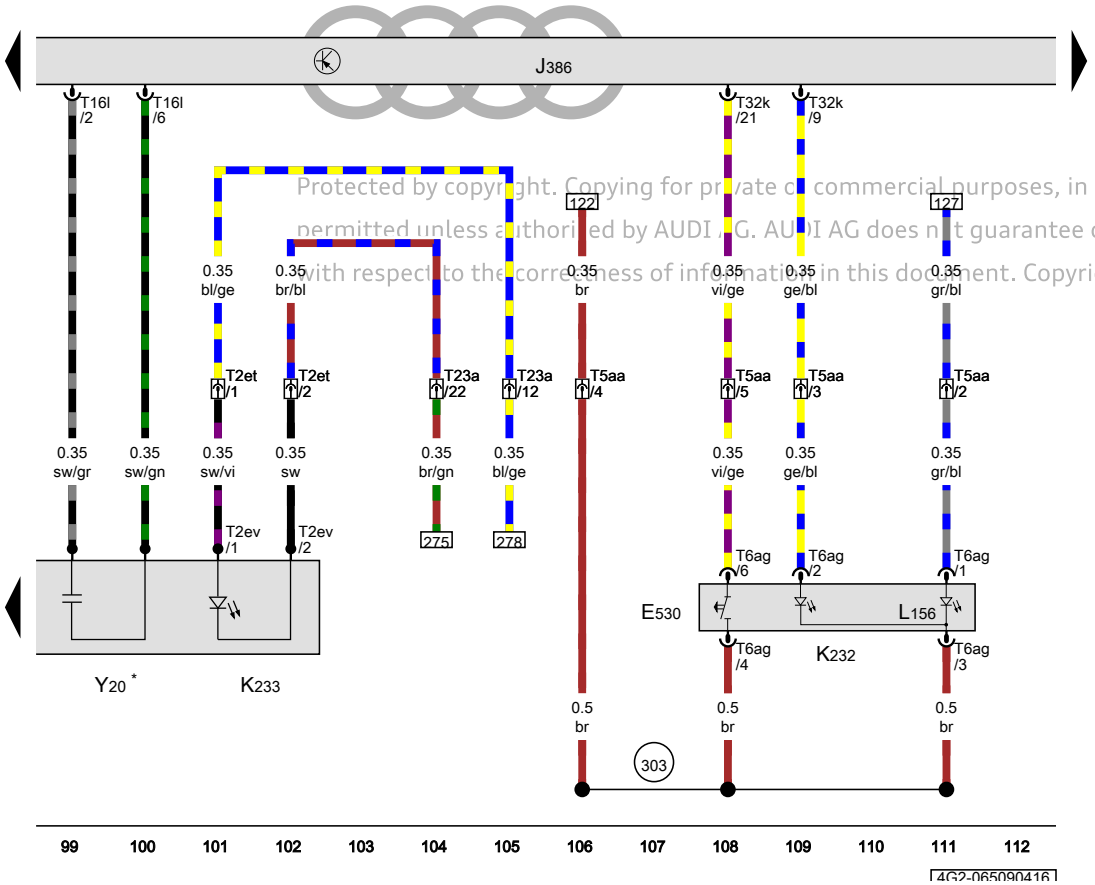


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Button for lane change assist, Driver door control unit, Lane change assist warning lamp in driver side exterior mirror

E530	Button for lane change assist
J386	Driver door control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L156	Switch illumination bulb
T2et	2-pin connector, in driver door
T2ev	2-pin connector
T5aa	5-pin connector, in front left door
T6ag	6-pin connector
T16l	16-pin connector
T23a	23-pin connector, in left A-pillar
T32k	32-pin connector
Y20	Driver side automatic anti-dazzle exterior mirror
303	Earth connection 3, in drive side door wiring harness
*	Only models with automatic anti-dazzle exterior mirror

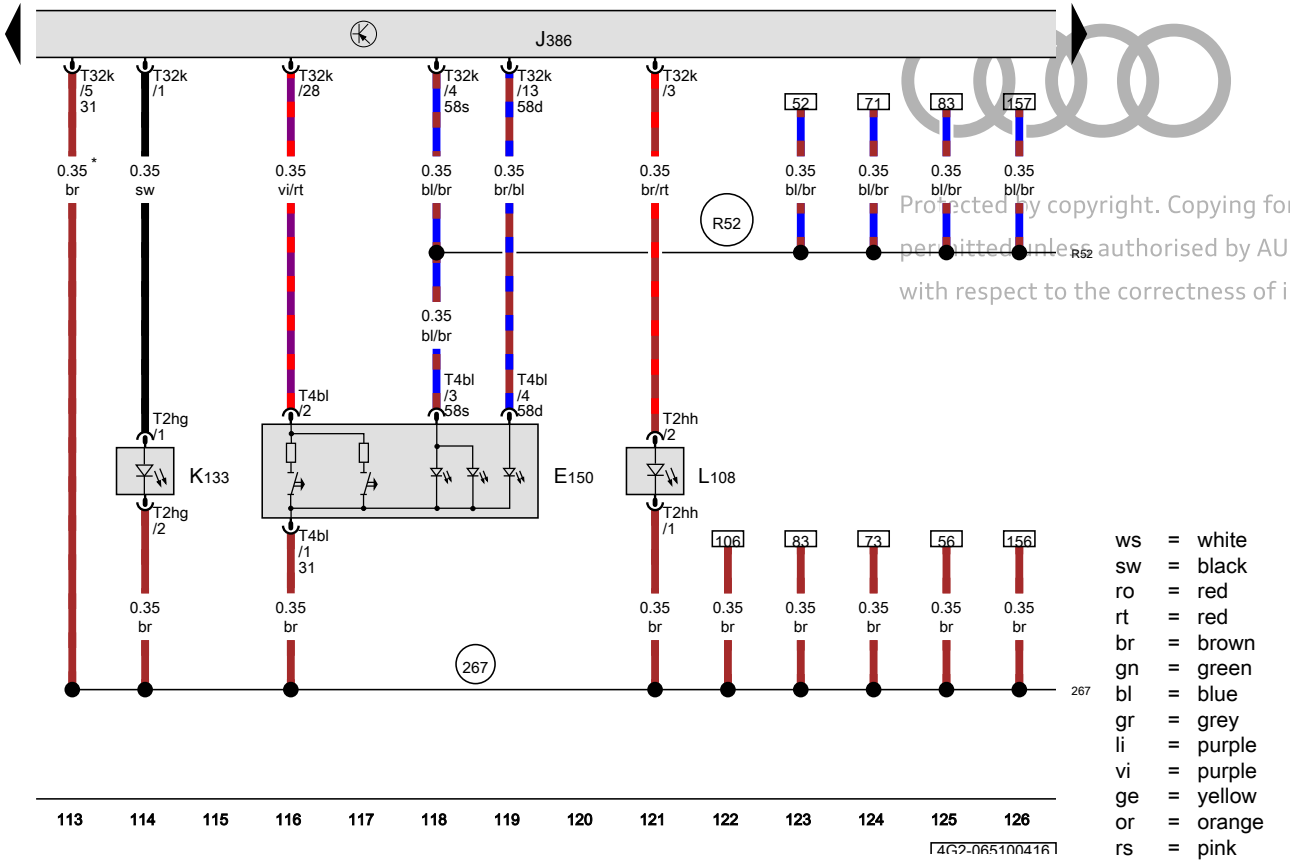


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Driver side interior locking switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb

E150	Driver side interior locking switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
T2hg	2-pin connector
T2hh	2-pin connector
T4bl	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Output for switch earth

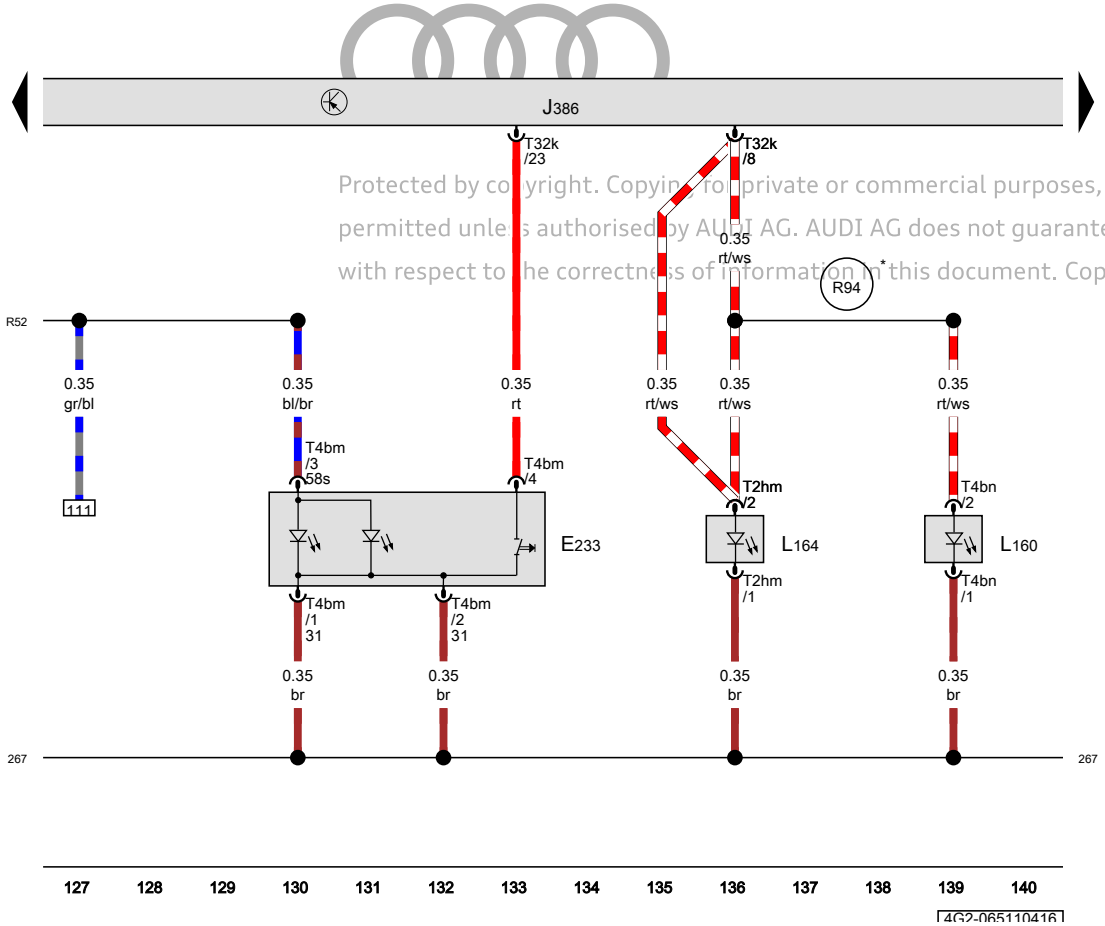


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Rear lid remote release button, Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb

E233	Rear lid remote release button
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2hm	2-pin connector
T4bm	4-pin connector
T4bn	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights



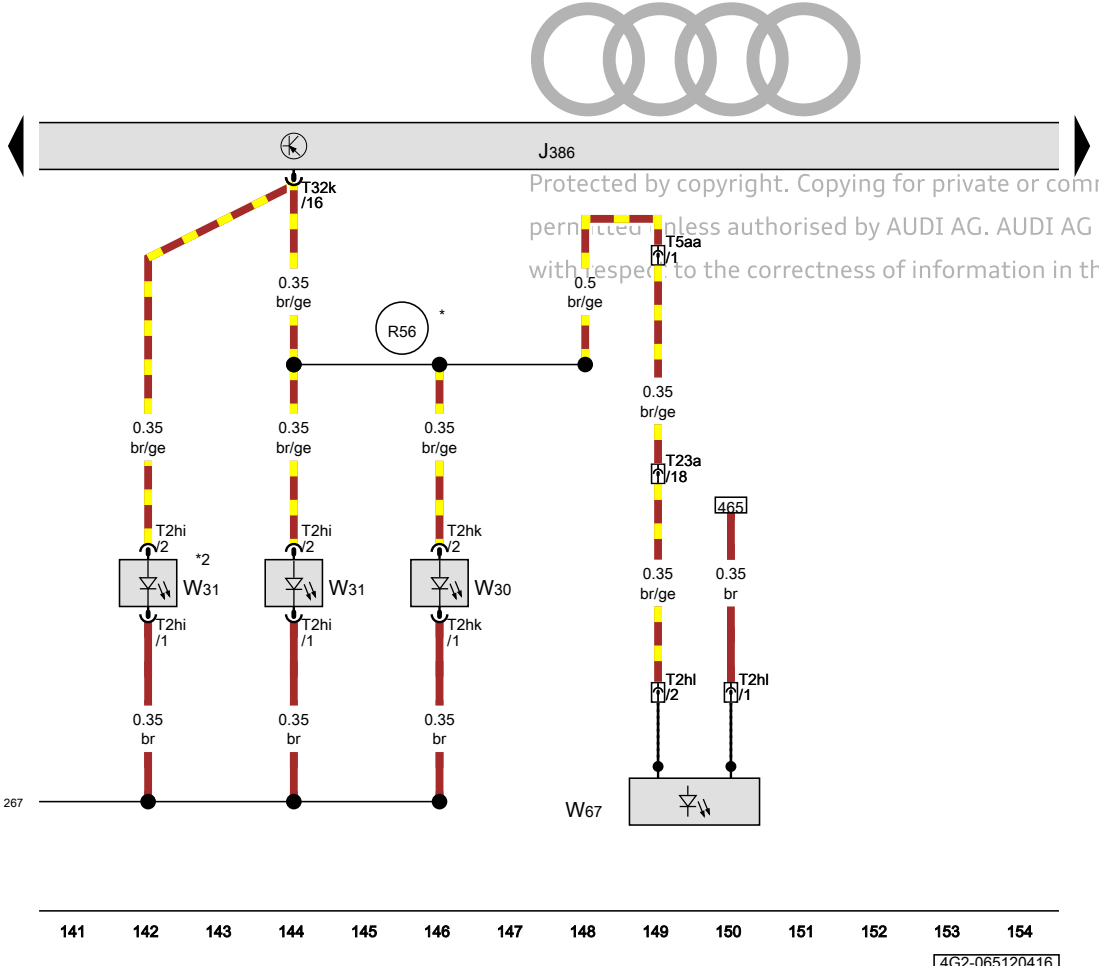
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rs	=	pink

Driver door control unit, Driver side door warning lamp, Front left entry light, Light conductor for front left sill panel moulding ambient lighting

J386	Driver door control unit
T2hi	2-pin connector
T2hk	2-pin connector
T2hl	2-pin connector
T5aa	5-pin connector, in front left door
T23a	23-pin connector, on left A-pillar
T32k	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
W67	Light conductor for front left sill panel moulding ambient lighting
267	Earth connection 2, in drive side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	Only models with additional lights
*2	Only models with no additional lights

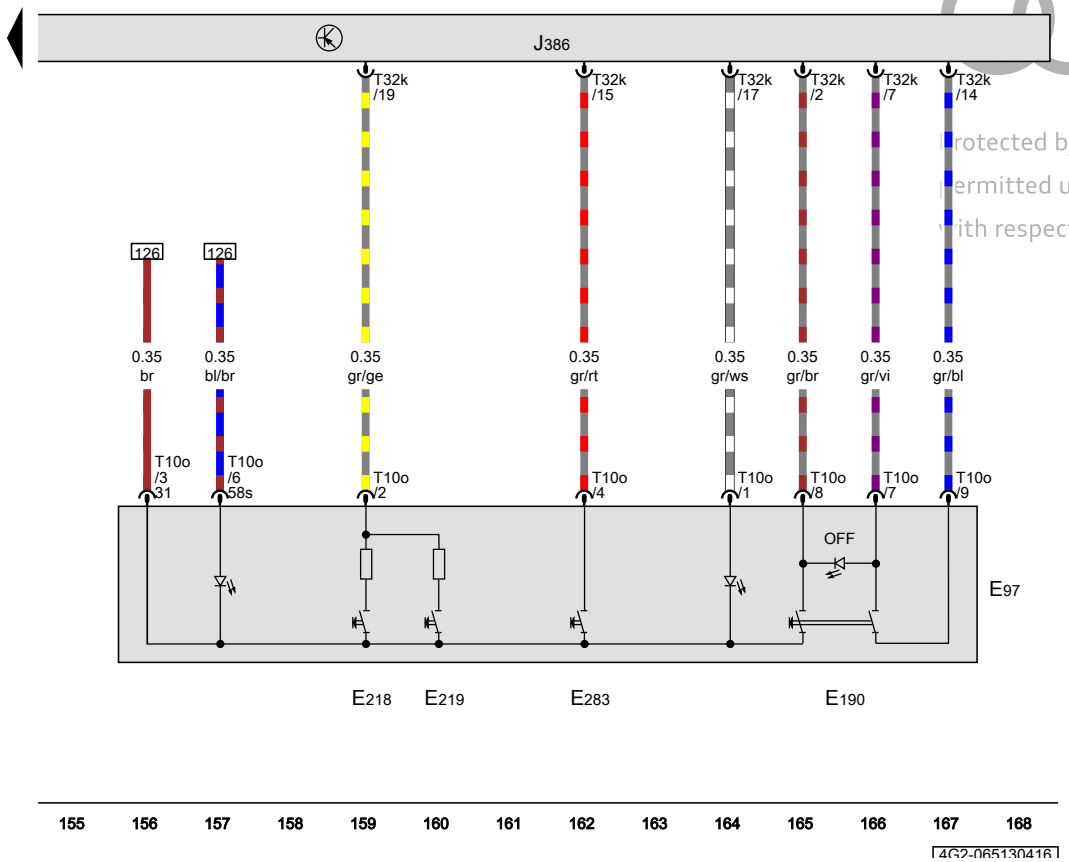
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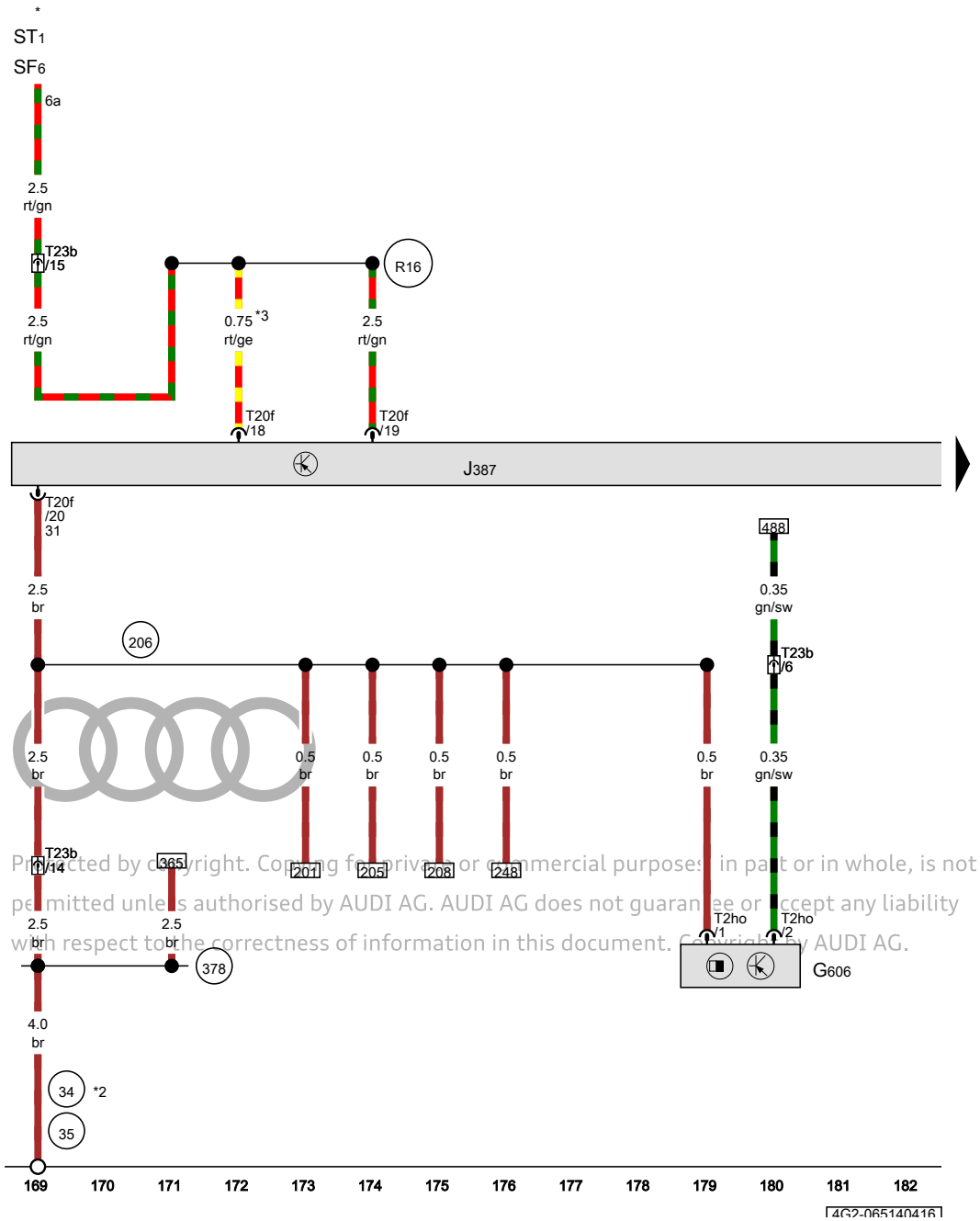
Driver seat memory operating unit, Emergency-off button, Seat memory position button 1, Driver seat memory function button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T32k	32-pin connector



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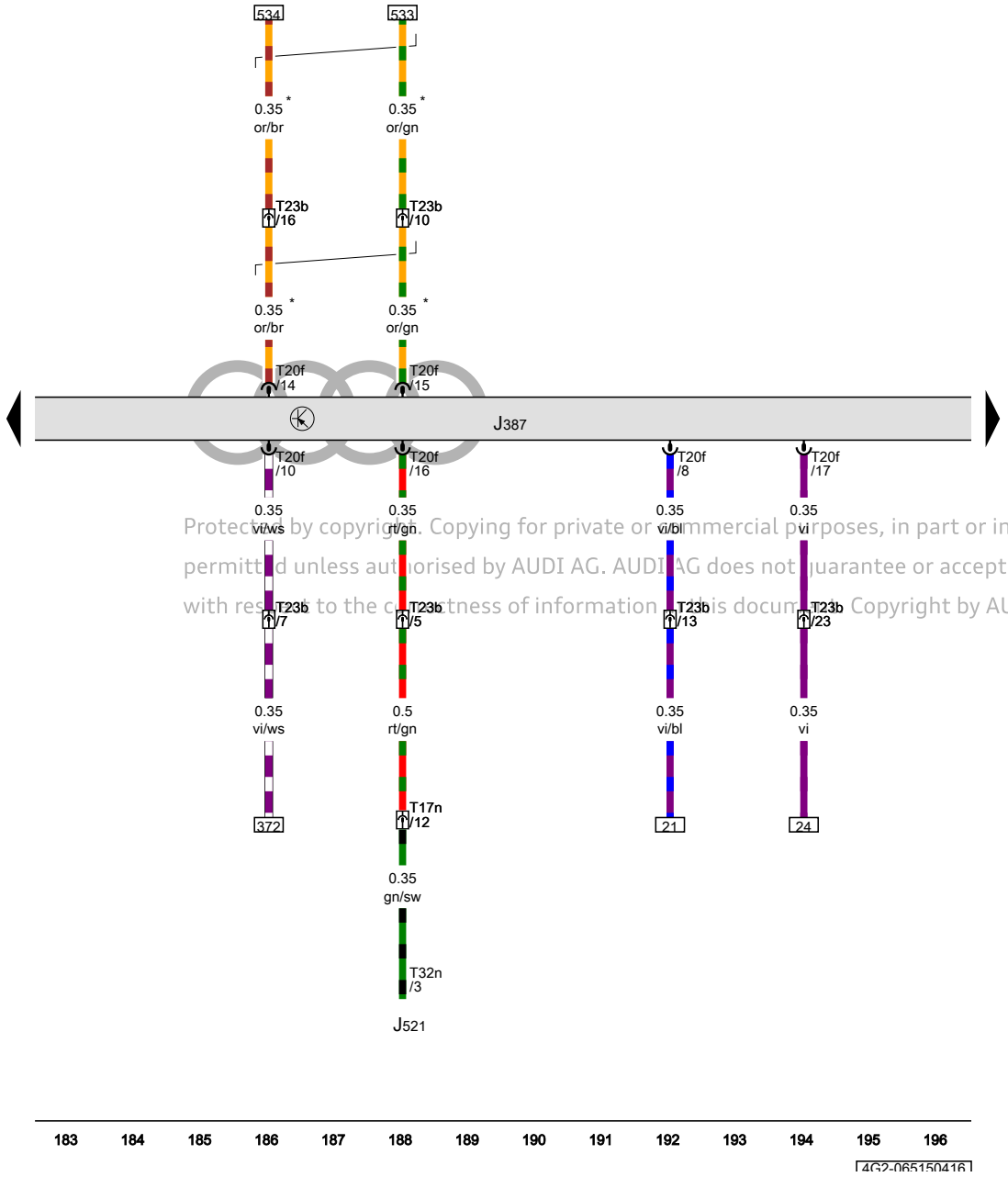
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Contact sensor for front right exterior door handle, Front passenger door control unit

G606	Contact sensor for front right exterior door handle
J387	Front passenger door control unit
ST1	Fuse carrier 1
SF6	Fuse 6 in fuse holder F
T2ho	2-pin connector
T20f	20-pin connector
T23b	23-pin connector, in right A-pillar
34	Earth point, under driver seat
35	Earth point, under front passenger seat
206	Earth connection, in front passenger door wiring harness
378	Earth connection 13, in main wiring harness
R16	Positive connection 1 (30), in front passenger door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models
*3	Gradually discontinued

Front passenger door control unit

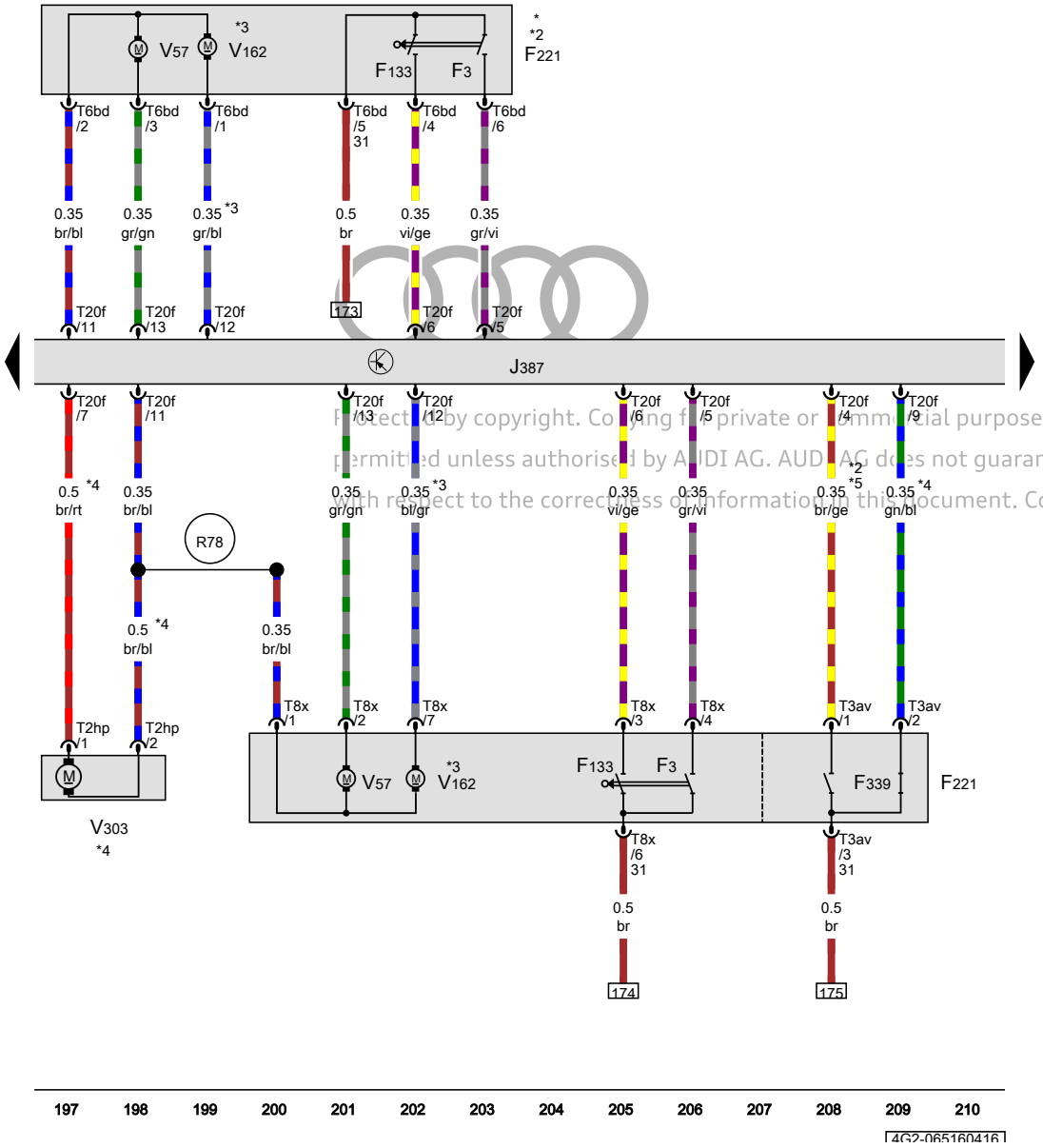
J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
T17n	17-pin connector, in coupling point for front seat, right
T20f	20-pin connector
T23b	23-pin connector, in right A-pillar
T32n	32-pin connector
*	Data bus wire (CAN bus)



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Front passenger side central locking lock unit, Front passenger door control unit, Front passenger door power latching motor



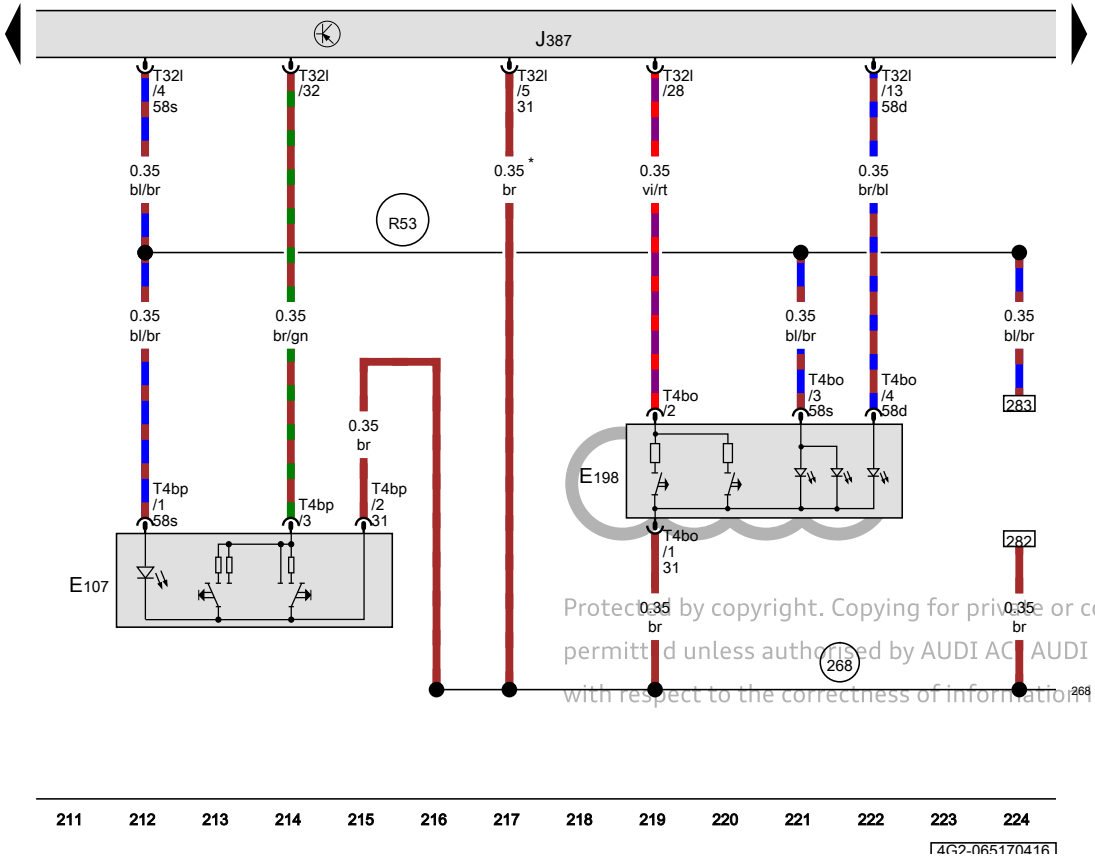
F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
F339	Front passenger door power latching system contact switch
J387	Front passenger door control unit
T2hp	2-pin connector
T3av	3-pin connector
T6bd	6-pin connector
T8x	8-pin connector
T20f	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
V303	Front passenger door power latching motor
R78	Connection 1 (door contact switch), in passenger side door wiring harness
*	Only models with no adaptive cruise control (ACC)
*2	Only models with no power latching system
*3	Not for American markets
*4	Only models with power latching system
*5	Only models with adaptive cruise control (ACC)

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Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
T4bo	4-pin connector
T4bp	4-pin connector
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Output for switch earth



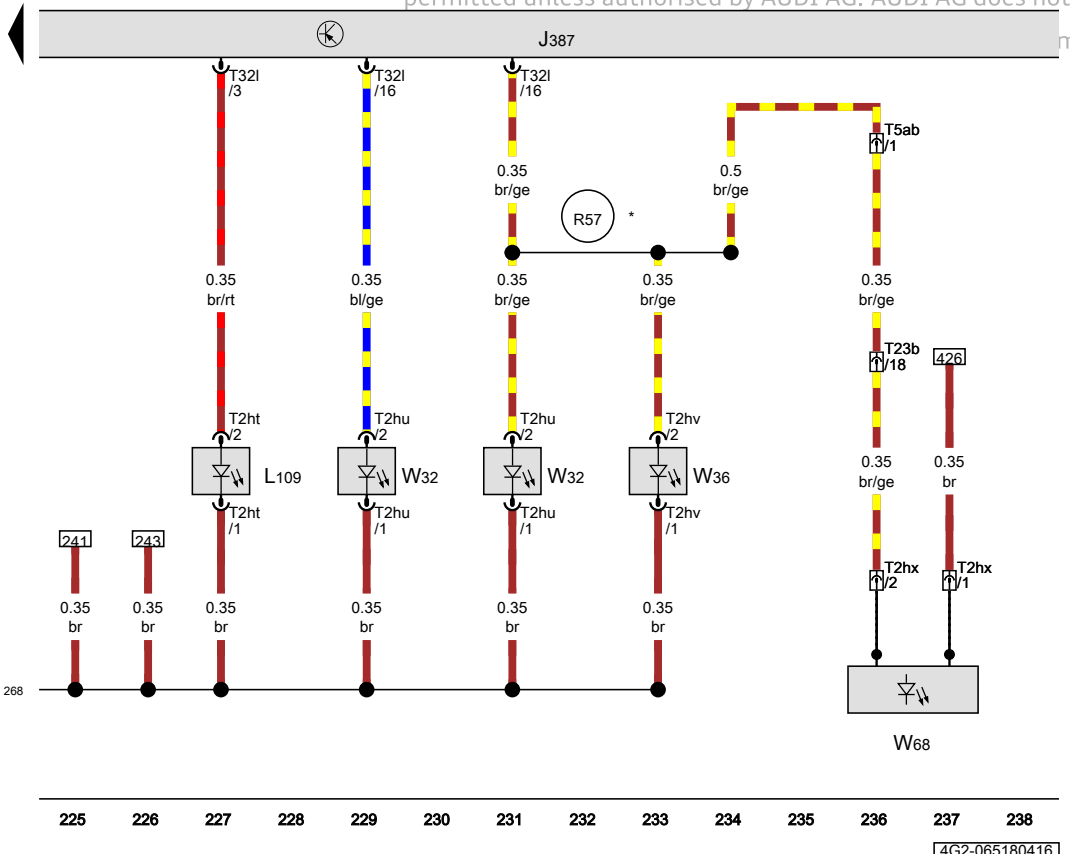
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Front passenger door control unit, Front passenger door opener illumination bulb, Front right entry light, Front passenger side door warning lamp, Light conductor for front right sill panel moulding ambient lighting

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T2ht	2-pin connector
T2hu	2-pin connector
T2hv	2-pin connector
T2hx	2-pin connector
T5ab	5-pin connector, in front right door
T23b	23-pin connector, on right A-pillar
T32l	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
W68	Light conductor for front right sill panel moulding ambient lighting
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	Only models with additional lights

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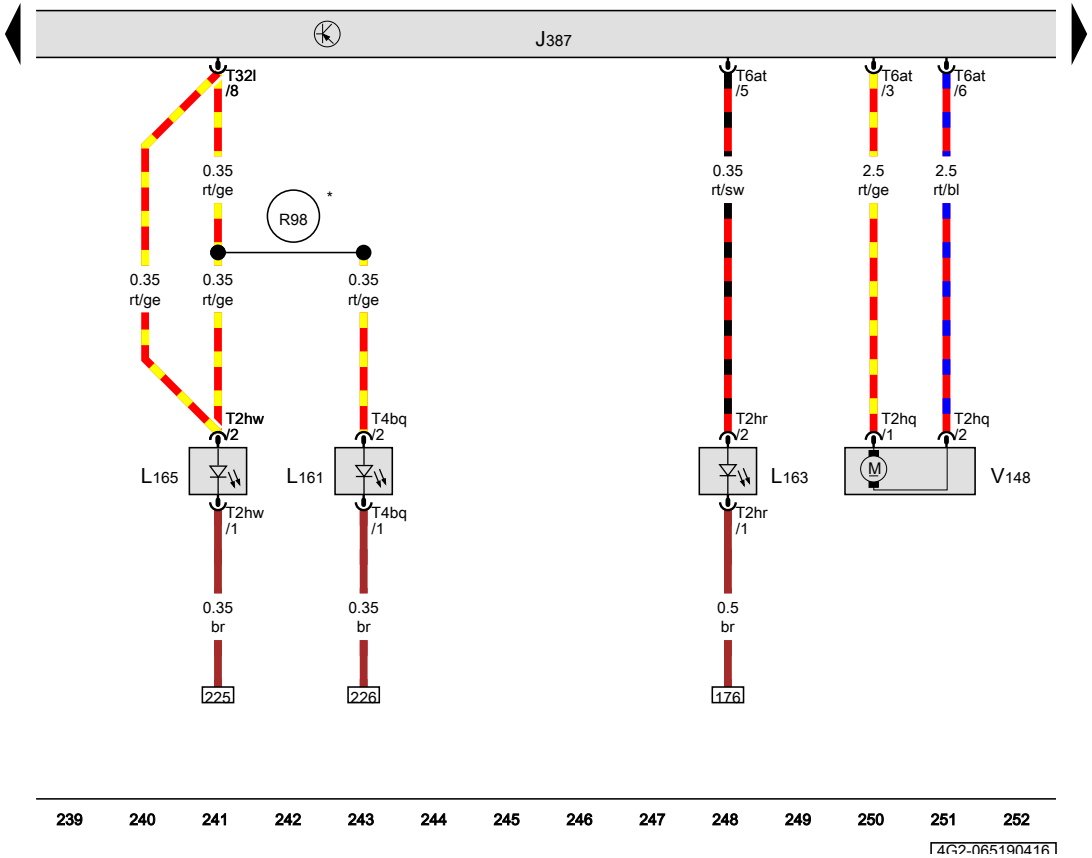


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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front right door exterior handle illumination bulb, Front passenger door ambient lighting bulb, Front passenger side window regulator motor

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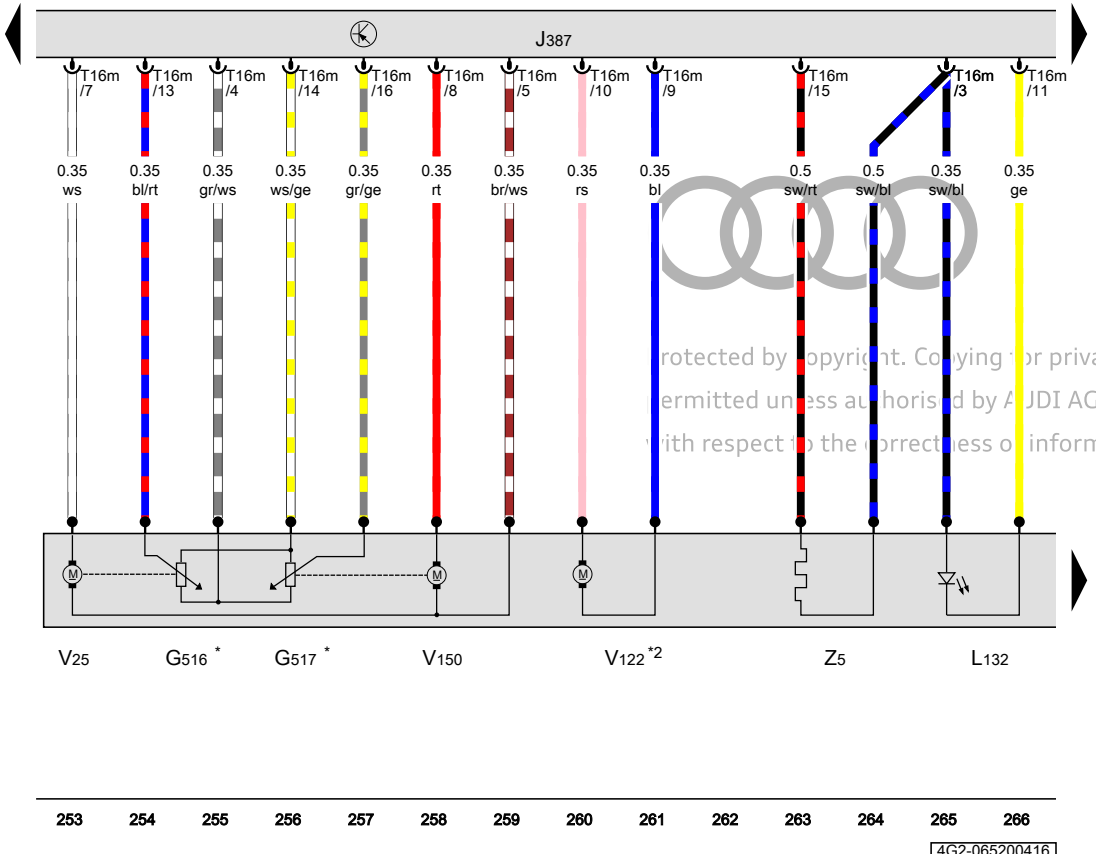
J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L163	Front right door exterior handle illumination bulb
L165	Front passenger door ambient lighting bulb
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T4bq	4-pin connector
T6at	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with no additional lights



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Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Heated exterior mirror on front passenger side

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16m	16-pin connector
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on front passenger side
*	Optional equipment
*2	Only models with fold-in mirror

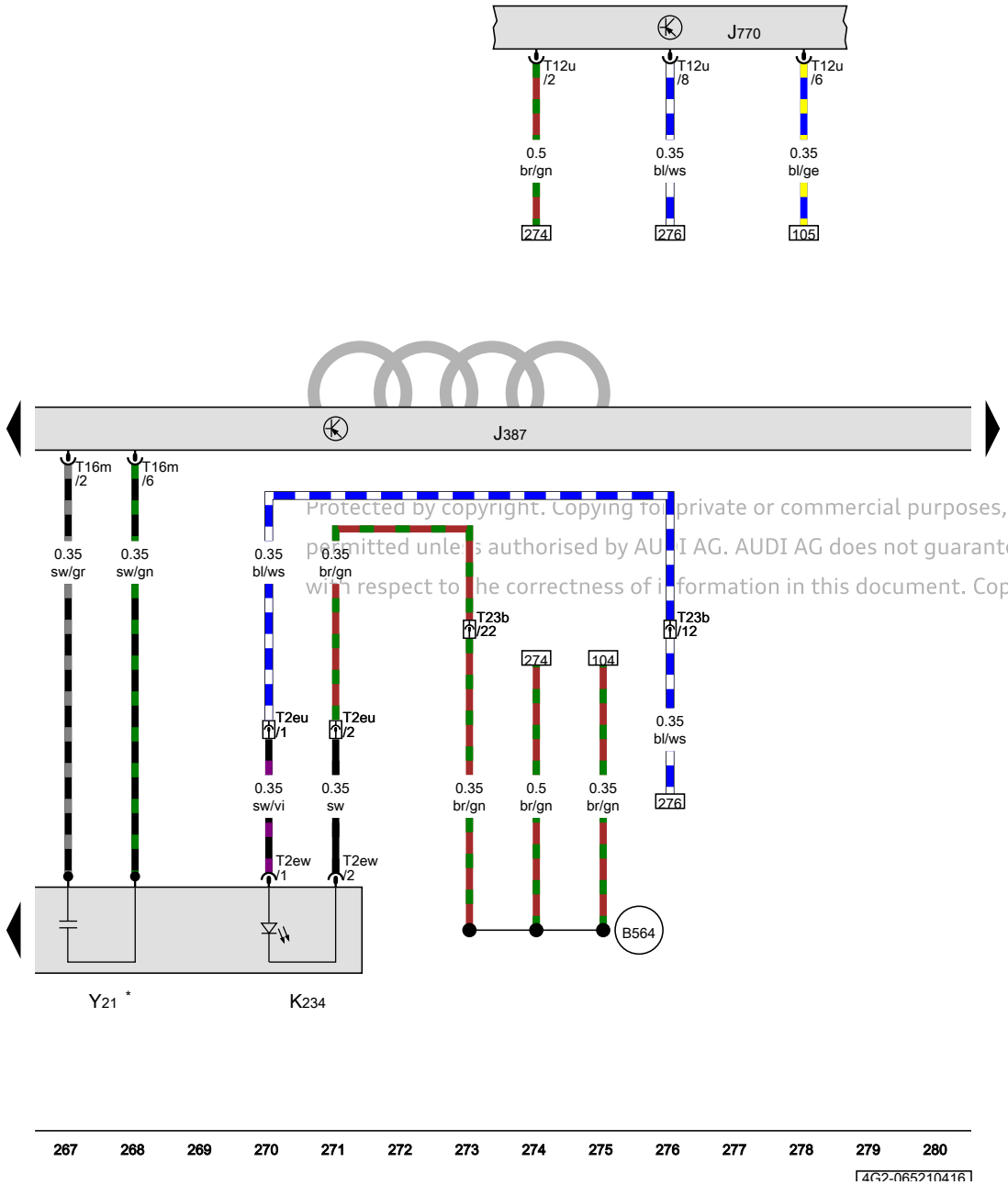


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Front passenger door control unit, Front passenger side automatic anti-dazzle exterior mirror

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in front passenger side exterior mirror
T2eu	2-pin connector, in front passenger door
T2ew	2-pin connector
T12u	12-pin connector
T16m	16-pin connector
T23b	23-pin connector, in right A-pillar
Y21	Front passenger side automatic anti-dazzle exterior mirror
B564	Connection 31, in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror

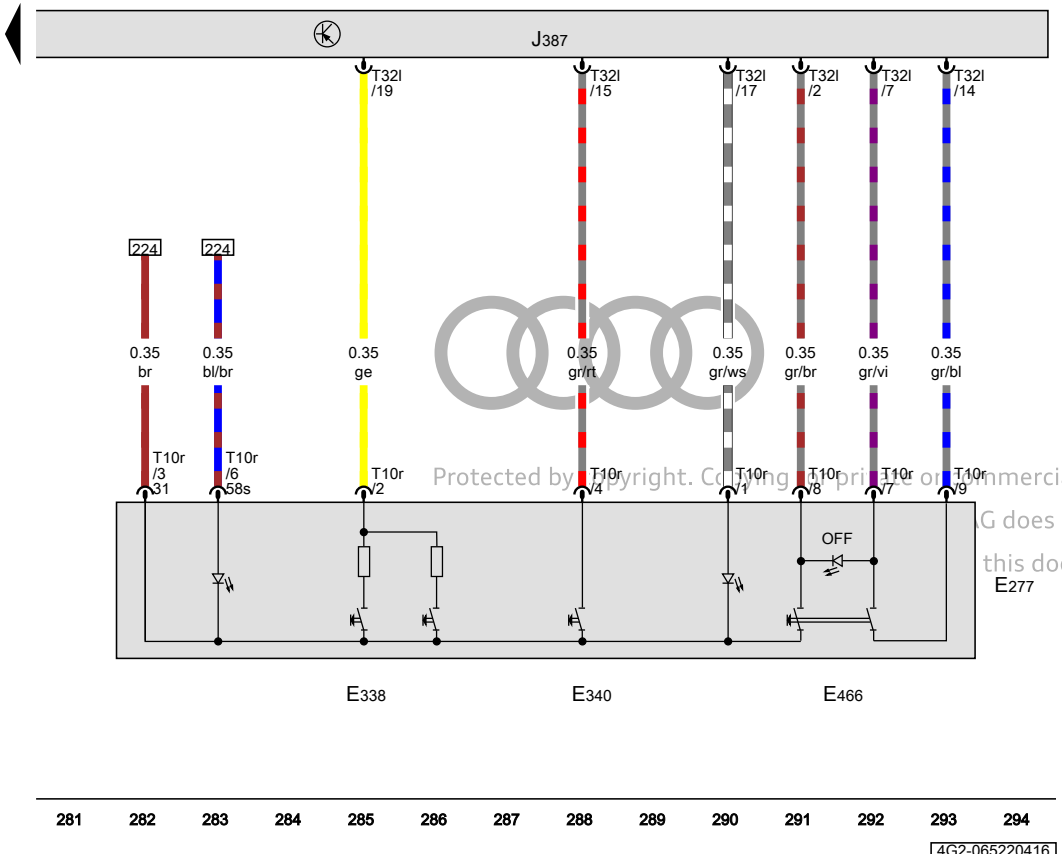


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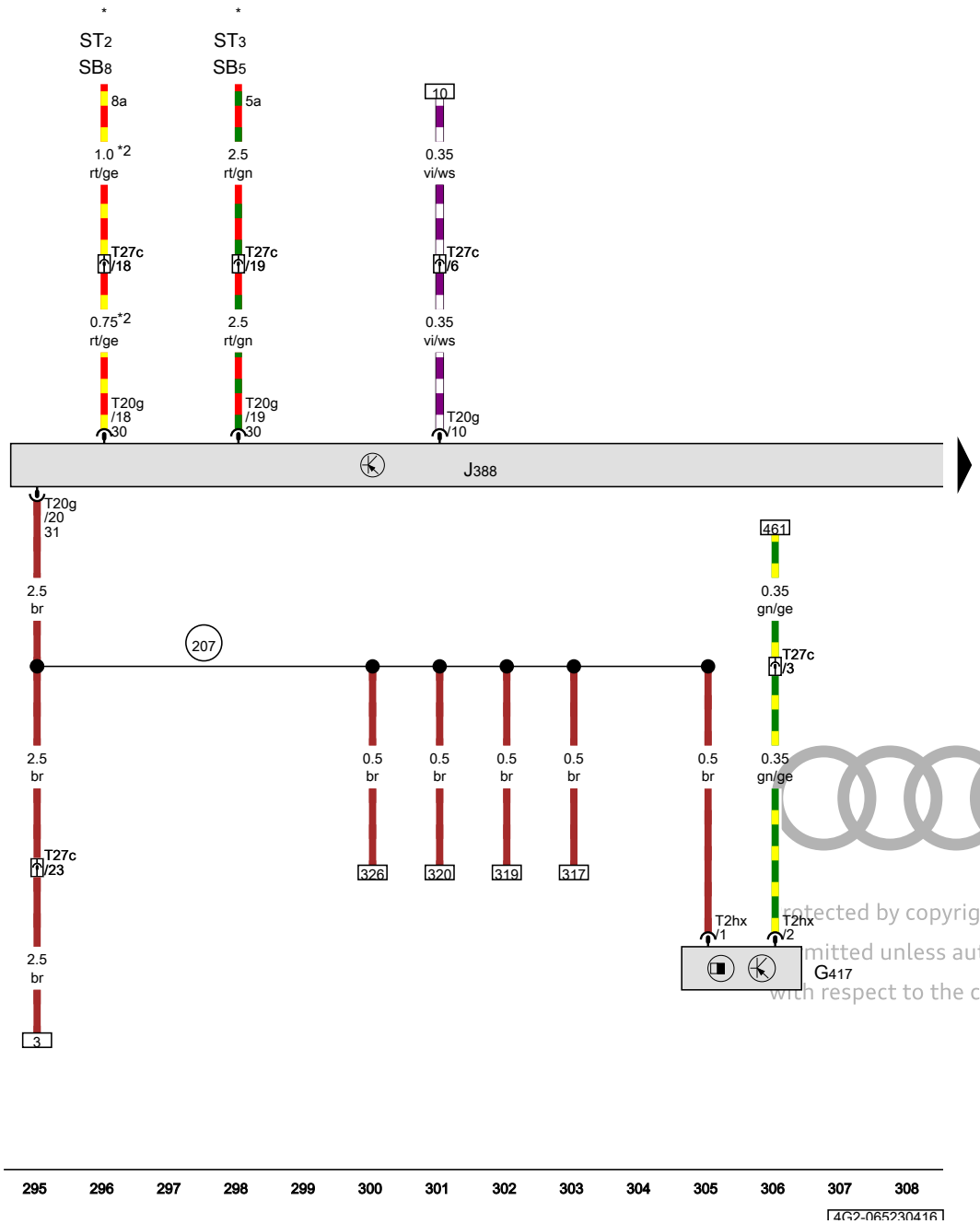
Front passenger seat memory operating unit, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T32l	32-pin connector



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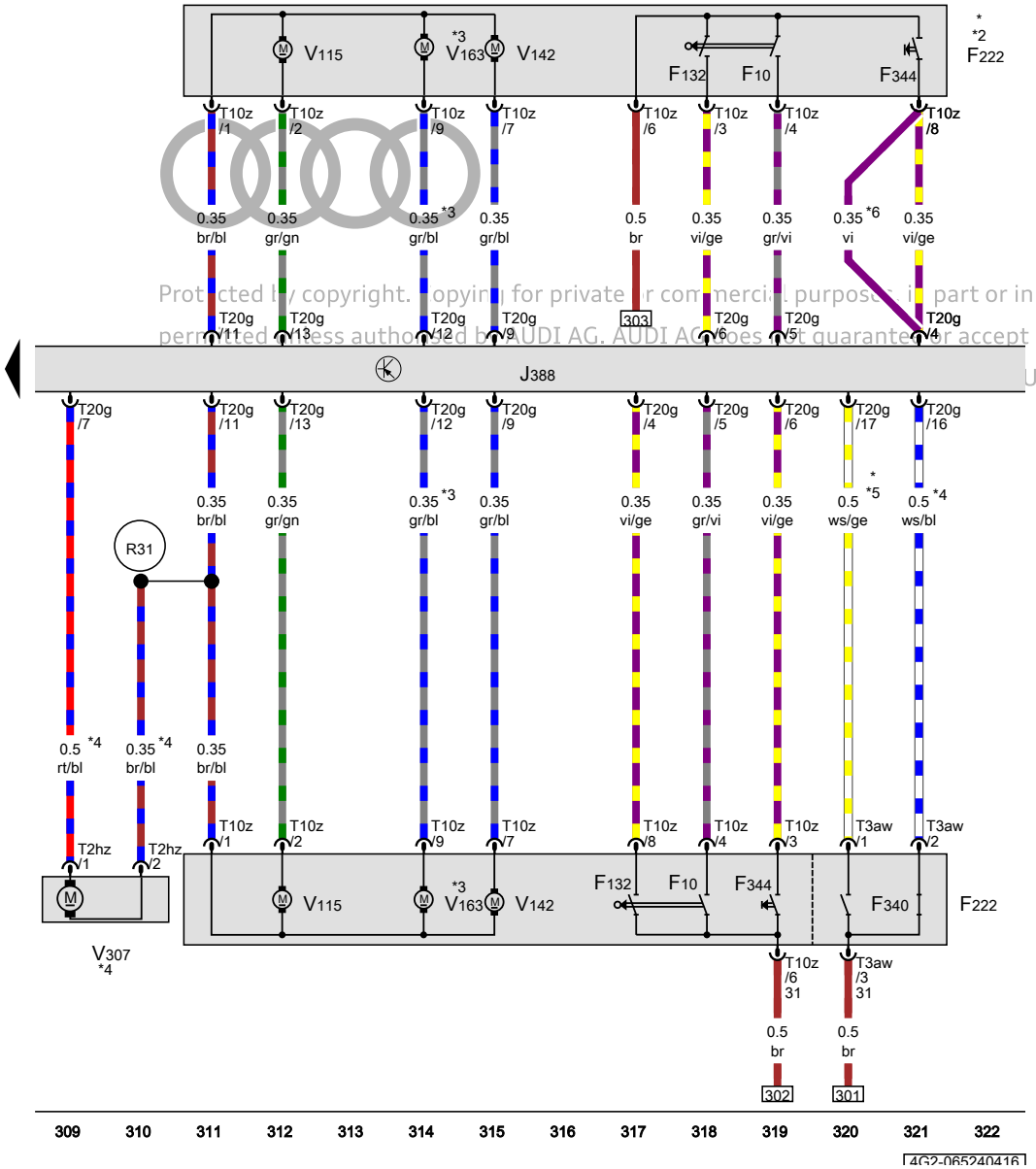


Contact sensor for rear left exterior door handle, Rear left door control unit

G417	Contact sensor for rear left exterior door handle
J388	Rear left door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2hx	2-pin connector
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
207	Earth connection, in rear left door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued

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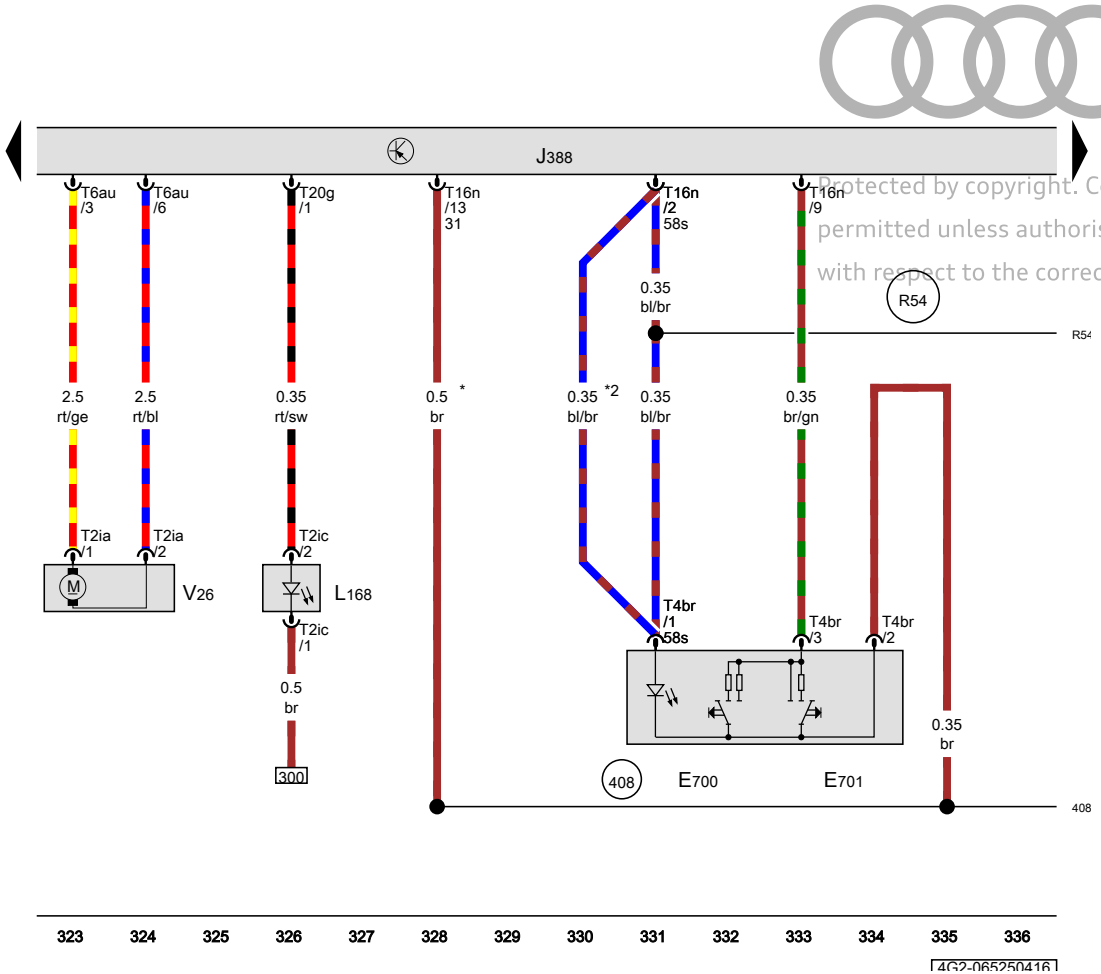
Rear left central locking lock unit, Rear left door control unit, Rear left power latching motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F340	Rear left door power latching system contact switch
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T2hz	2-pin connector
T3aw	3-pin connector
T10z	10-pin connector
T20g	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
V307	Rear left power latching motor
R31	Connection 1, in rear left door wiring harness

*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	Only models with adaptive cruise control (ACC)
*6	From June 2011

Rear left window regulator button in rear left door, Rear left door control unit, Rear left exterior door handle illumination bulb, Rear left window regulator motor

E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
J388	Rear left door control unit
L168	Rear left exterior door handle illumination bulb
T2ia	2-pin connector
T2ic	2-pin connector
T4br	4-pin connector
T6au	6-pin connector
T16n	16-pin connector
T20g	20-pin connector
V26	Rear left window regulator motor
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Output for switch earth
*2	Only models with no additional lights

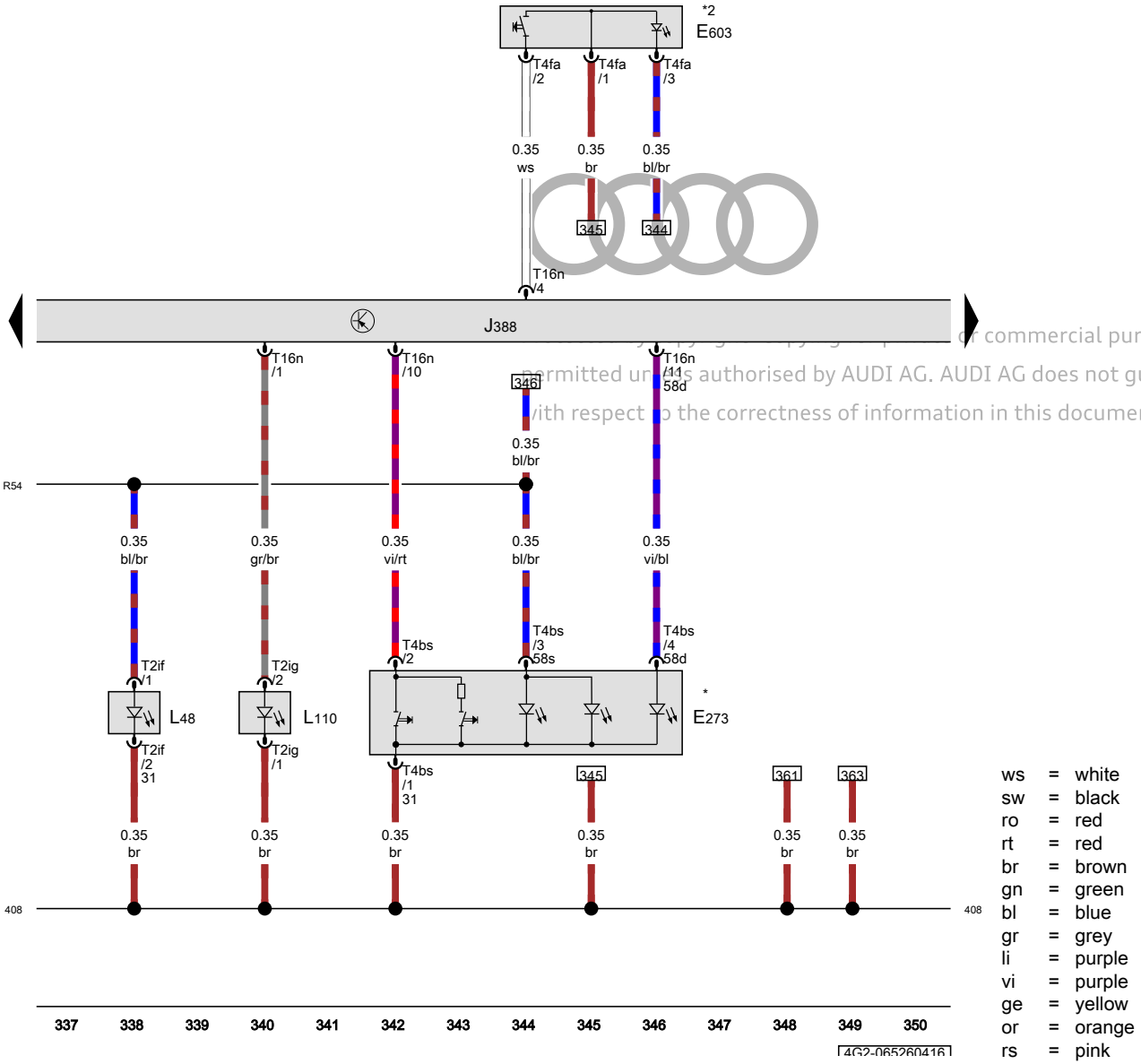


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Rear left interior locking switch, Button for longitudinal adjustment of front passenger seat, Rear left door control unit, Rear left ashtray illumination bulb, Rear left door opener illumination bulb

E273	Rear left interior locking switch
E603	Button for longitudinal adjustment of front passenger seat
J388	Rear left door control unit
L48	Rear left ashtray illumination bulb
L110	Rear left door opener illumination bulb
T2if	2-pin connector
T2ig	2-pin connector
T4bs	4-pin connector
T4fa	4-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Only for American markets
*2	According to equipment



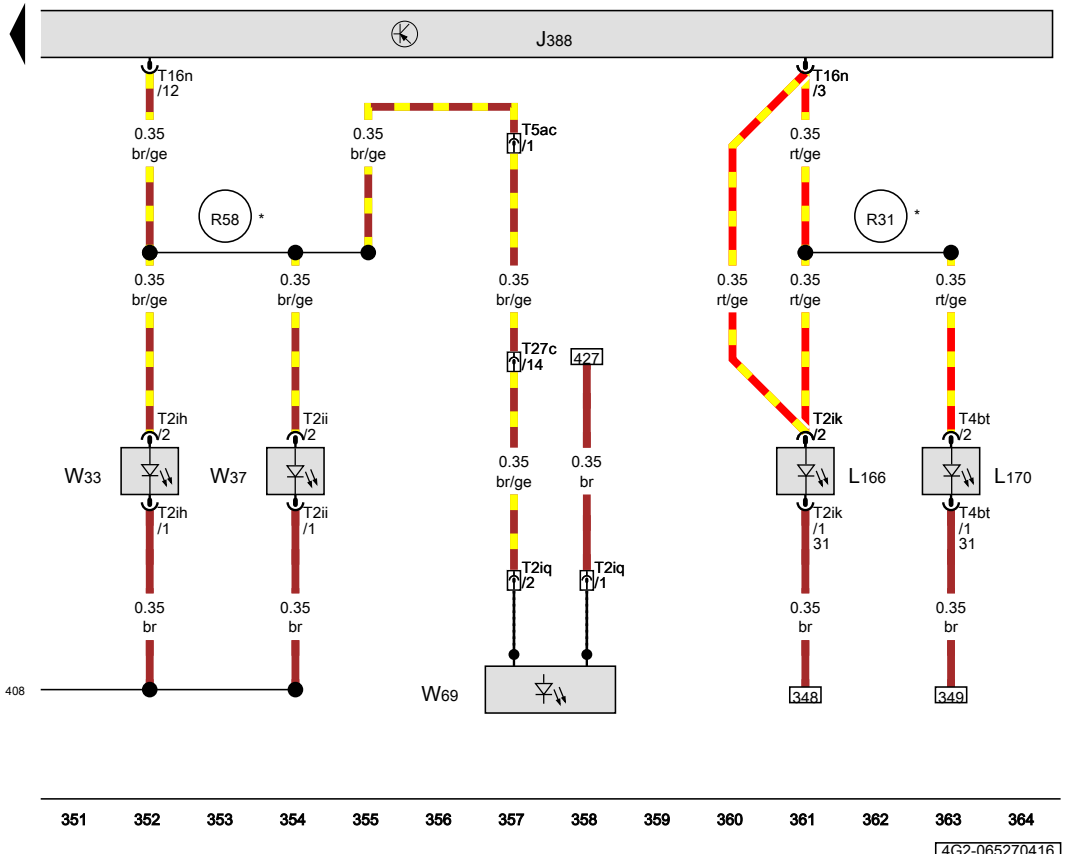
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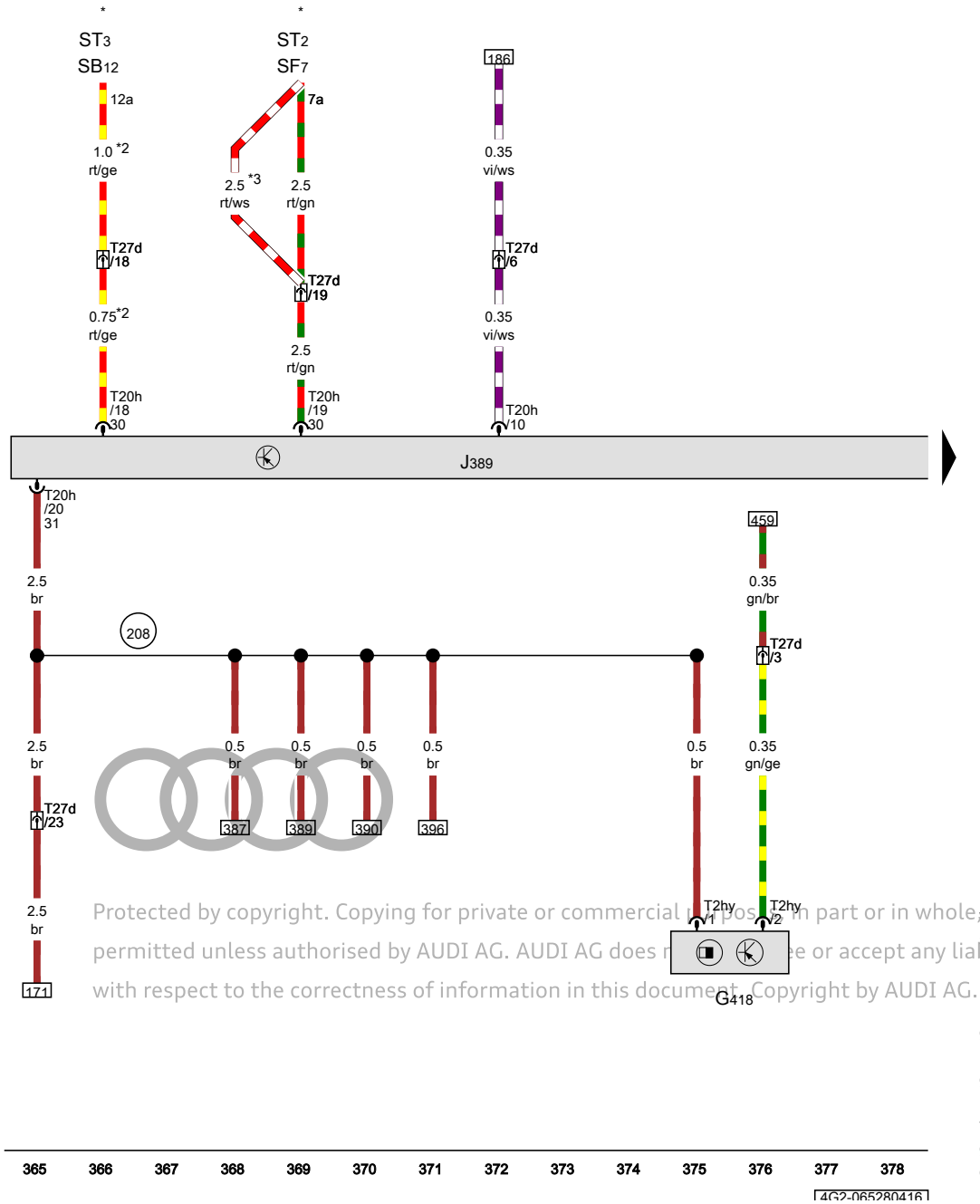
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Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp, Light conductor for rear left sill panel moulding ambient lighting

J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2ih	2-pin connector
T2ii	2-pin connector
T2ik	2-pin connector
T2iq	2-pin connector
T4bt	4-pin connector
T5ac	5-pin connector, in rear left door
T16n	16-pin connector
T27c	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
W69	Light conductor for rear left sill panel moulding ambient lighting
408	Earth connection 3, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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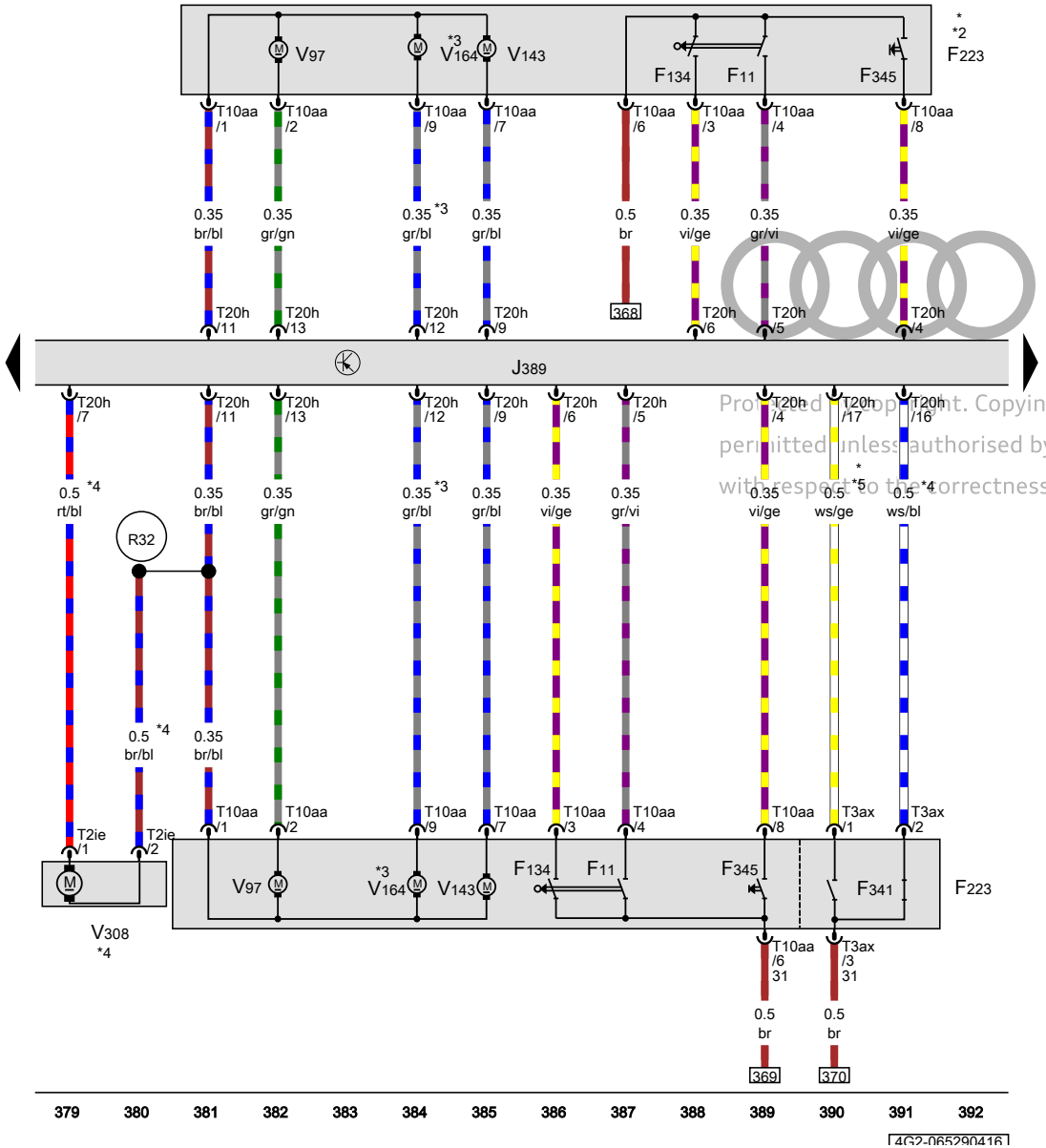
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Contact sensor for rear right exterior door handle, Rear right door control unit

G418	Contact sensor for rear right exterior door handle
J389	Rear right door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
SB12	Fuse 12 on fuse holder B
T2hy	2-pin connector
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
208	Earth connection, in rear right door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	Avant

Rear right central locking lock unit, Rear right door control unit

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F341	Rear right door power latching system contact switch
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T2ie	2-pin connector
T3ax	3-pin connector
T10aa	10-pin connector
T20h	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
V308	Rear right power latching motor
R32	Connection 2, in rear right door wiring harness
*	Only models with no power latching system
*2	Only models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	Only models with power latching system
*5	Only models with adaptive cruise control (ACC)

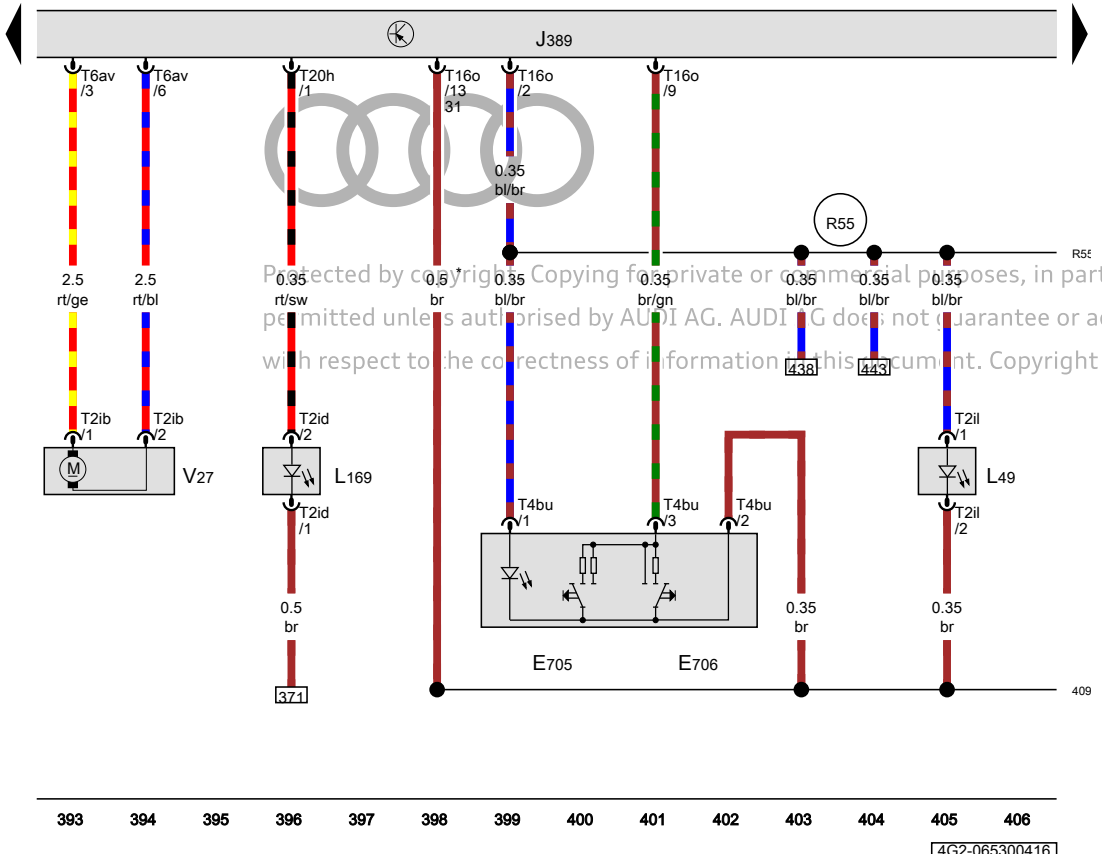


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Rear right window regulator button in rear right door, Rear right door control unit, Rear right ashtray illumination bulb, Rear right exterior door handle illumination bulb, Rear right window regulator motor

E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
J389	Rear right door control unit
L49	Rear right ashtray illumination bulb
L169	Rear right exterior door handle illumination bulb
T2ib	2-pin connector
T2id	2-pin connector
T2il	2-pin connector
T4bu	4-pin connector
T6av	6-pin connector
T16o	16-pin connector
T20h	20-pin connector
V27	Rear right window regulator motor
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Output for switch earth



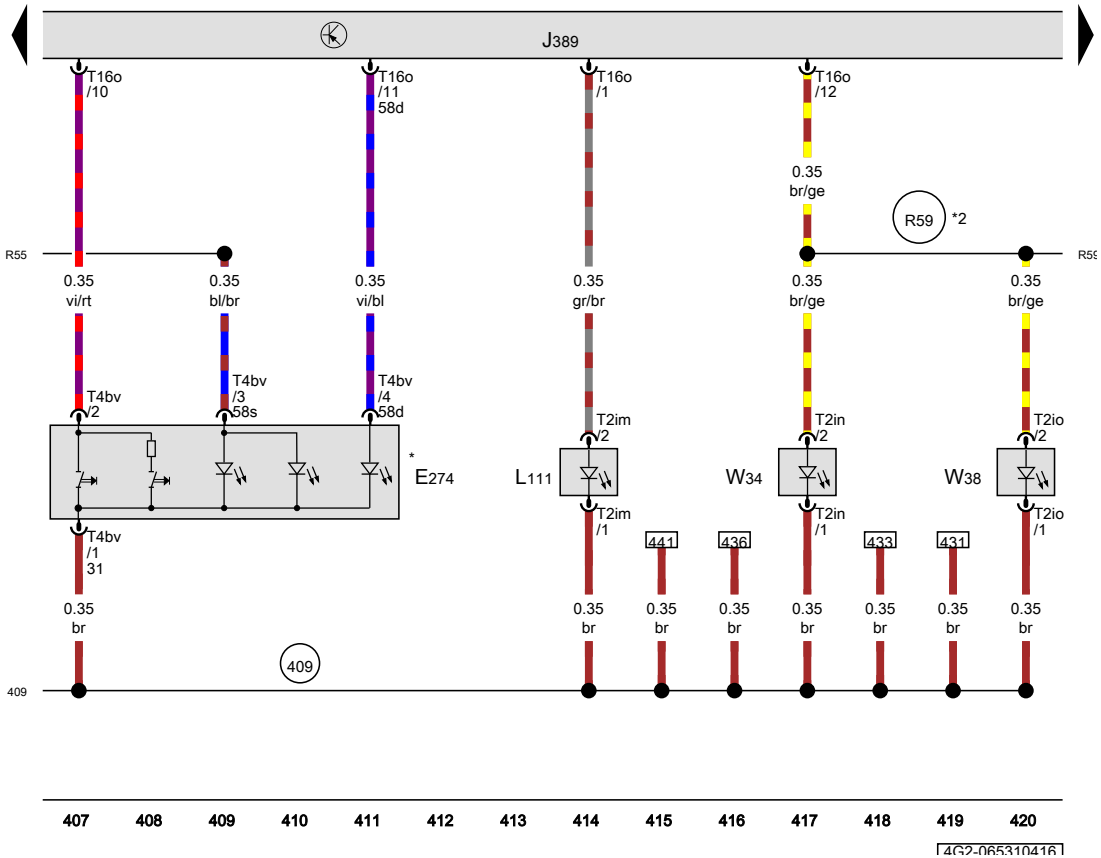
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rs	=	pink

Rear right door control unit, Rear right door opener illumination bulb, Rear right door warning lamp

E274	Rear right interior locking switch
J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T4bv	4-pin connector
T16o	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	Only for American markets
*2	Only models with additional lights

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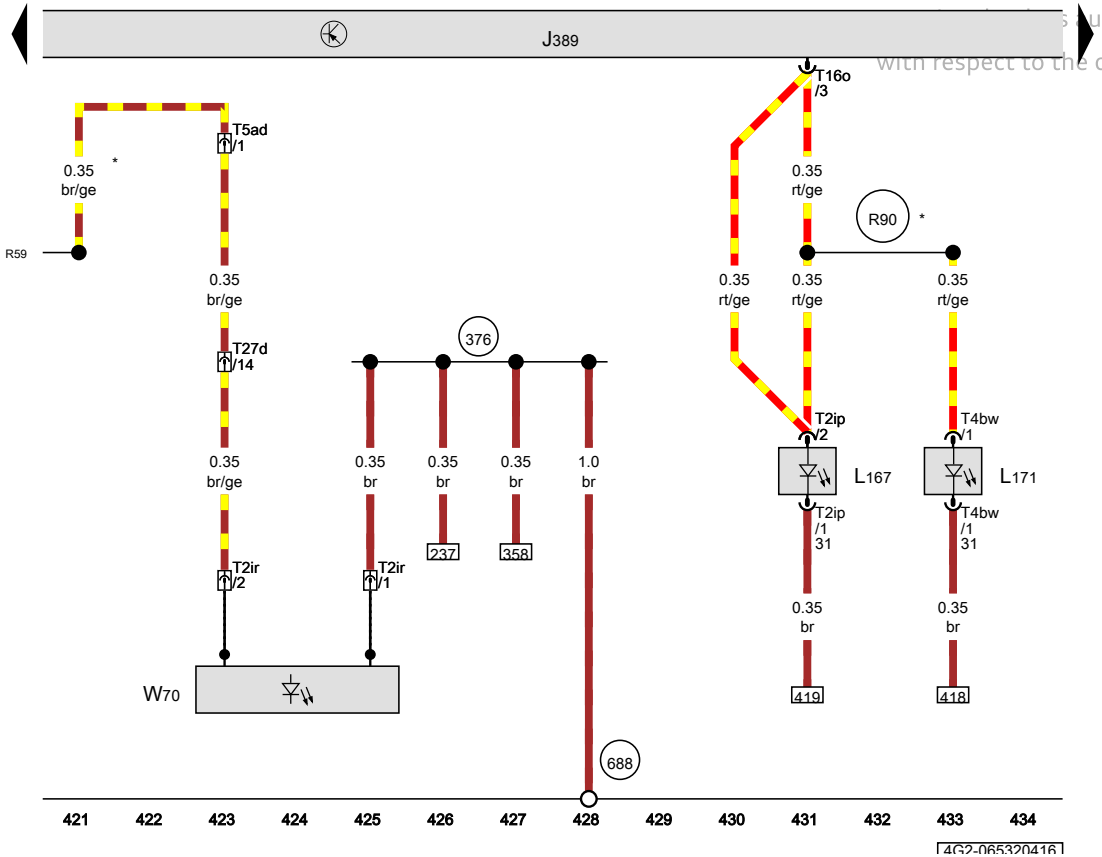


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Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Light conductor for rear right sill panel moulding ambient lighting

J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2ip	2-pin connector
T2ir	2-pin connector
T4bw	4-pin connector
T5ad	5-pin connector, in rear right door
T16o	16-pin connector
T27d	27-pin connector, on right B-pillar
W70	Light conductor for rear right sill panel moulding ambient lighting
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights

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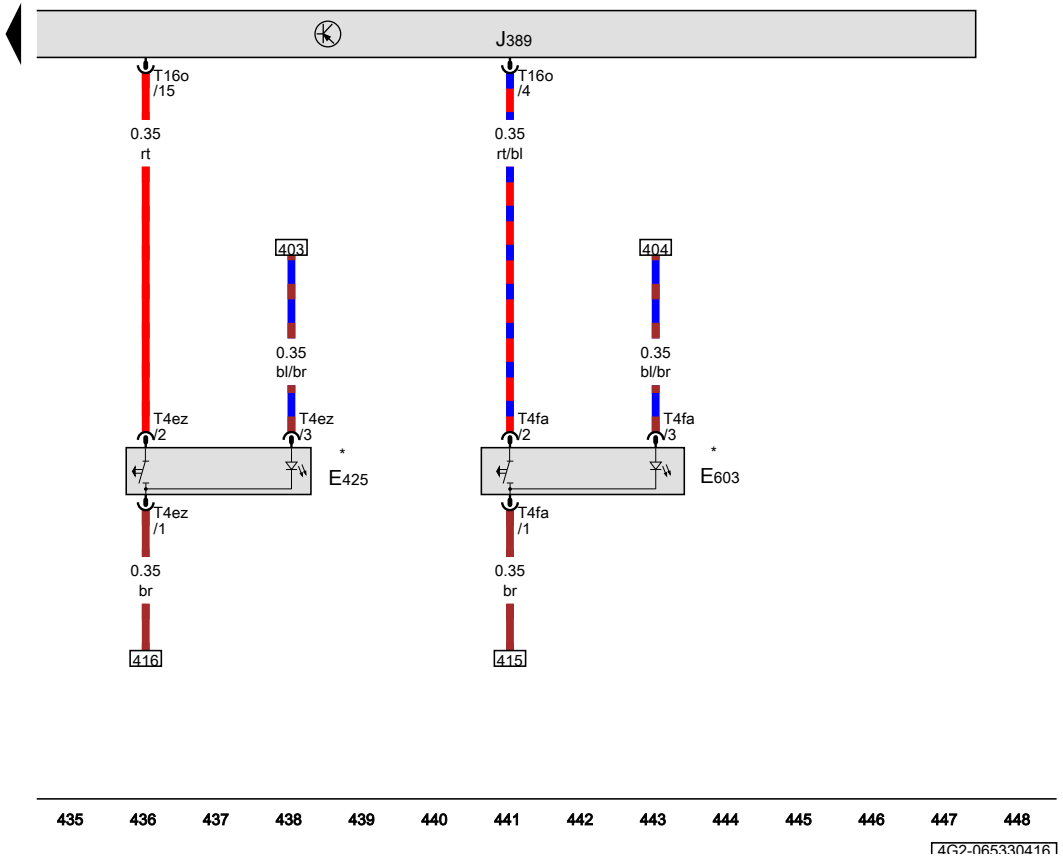


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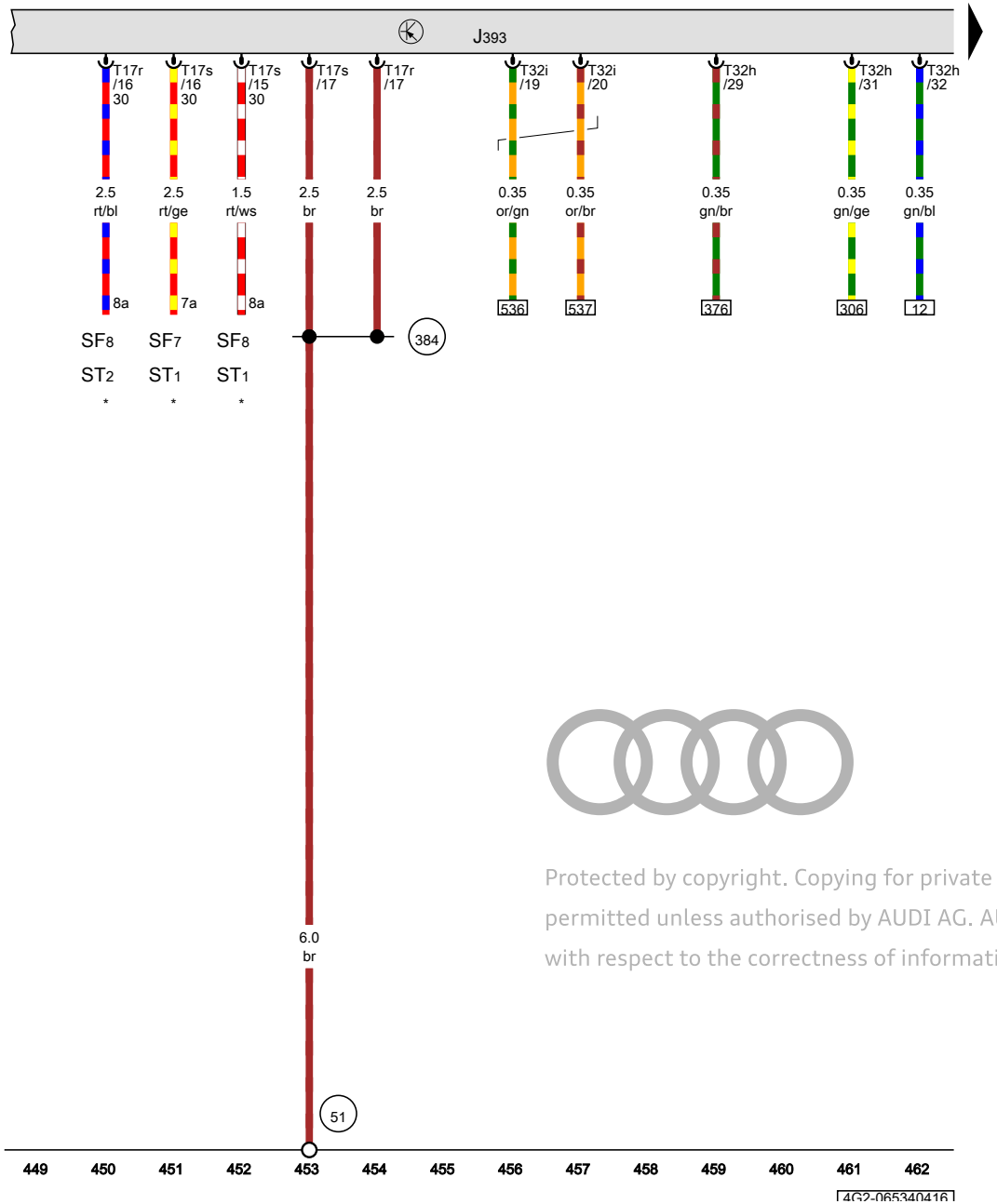
Backrest adjustment button, Button for longitudinal adjustment of front passenger seat, Rear right door control unit

E425	Backrest adjustment button
E603	Button for longitudinal adjustment of front passenger seat
J389	Rear right door control unit
T4ez	4-pin connector
T4fa	4-pin connector
T16o	16-pin connector
*	According to equipment

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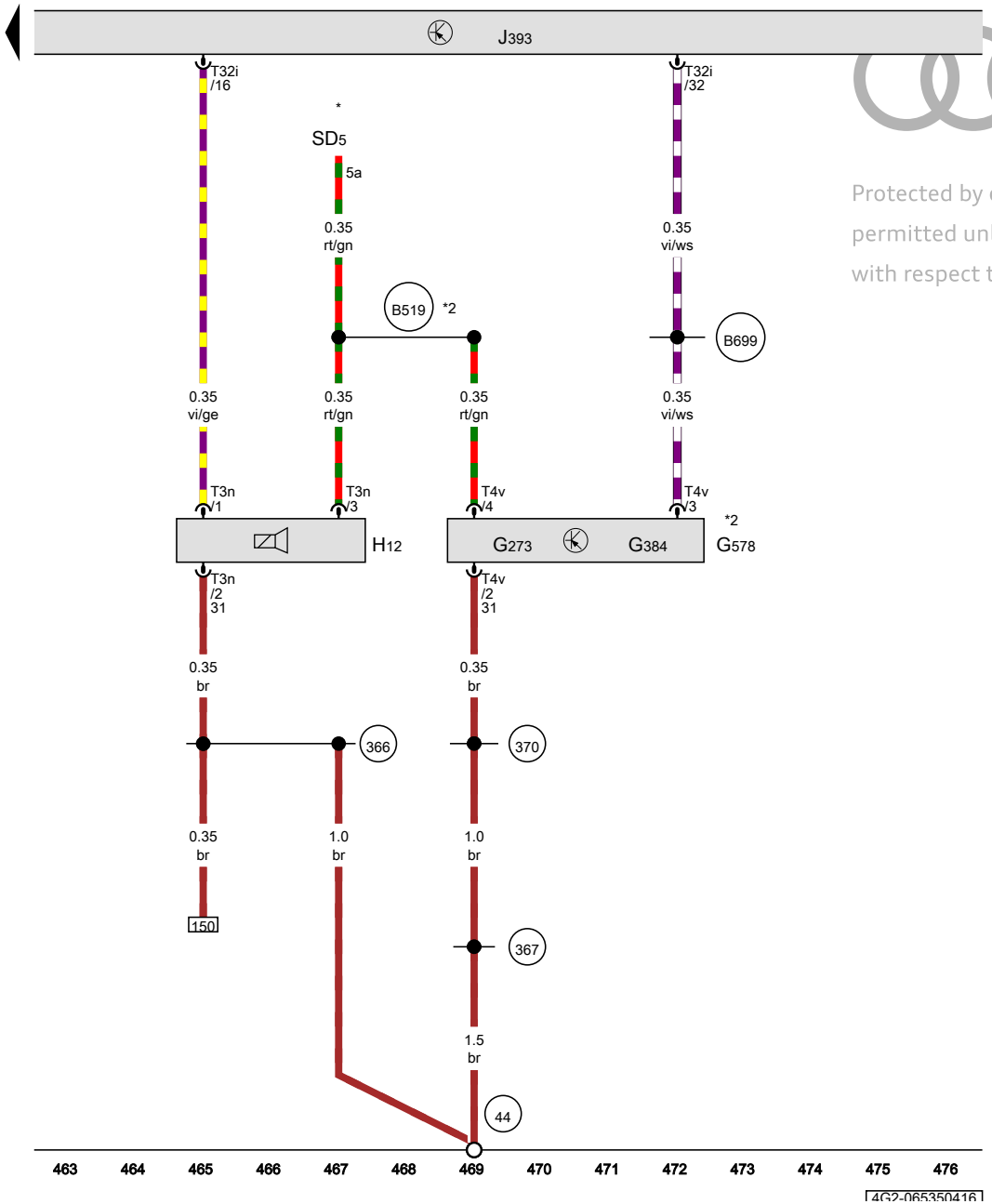


Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17r	17-pin connector
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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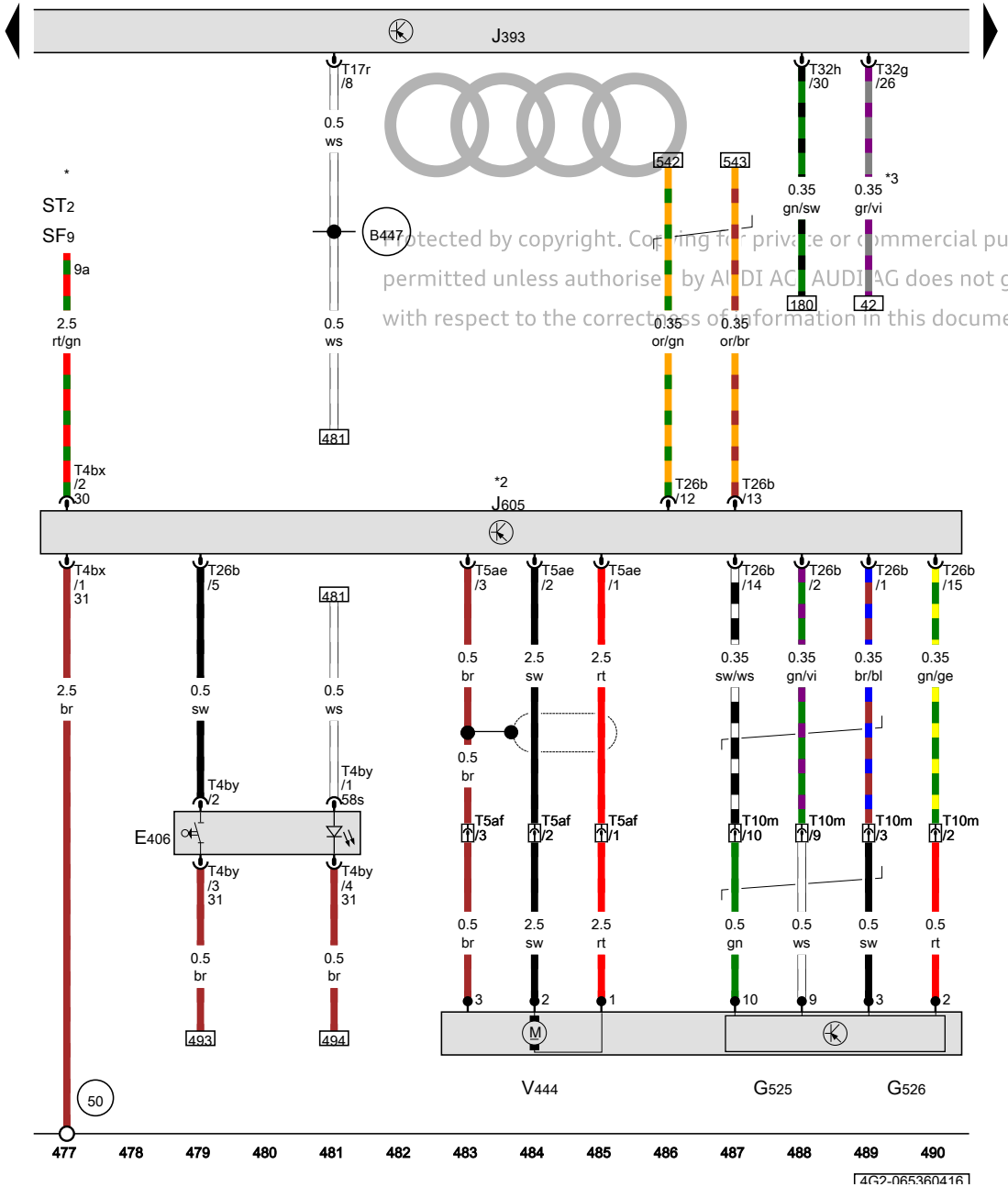


Anti-theft alarm sensor, Alarm horn, Convenience system central control unit

G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
SD5	Fuse 5 on fuse holder D
T3n	3-pin connector
T4v	4-pin connector
T32i	32-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
B519	Connection (30a, CL/ATA/IR), in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Anti-theft alarm system with interior monitoring

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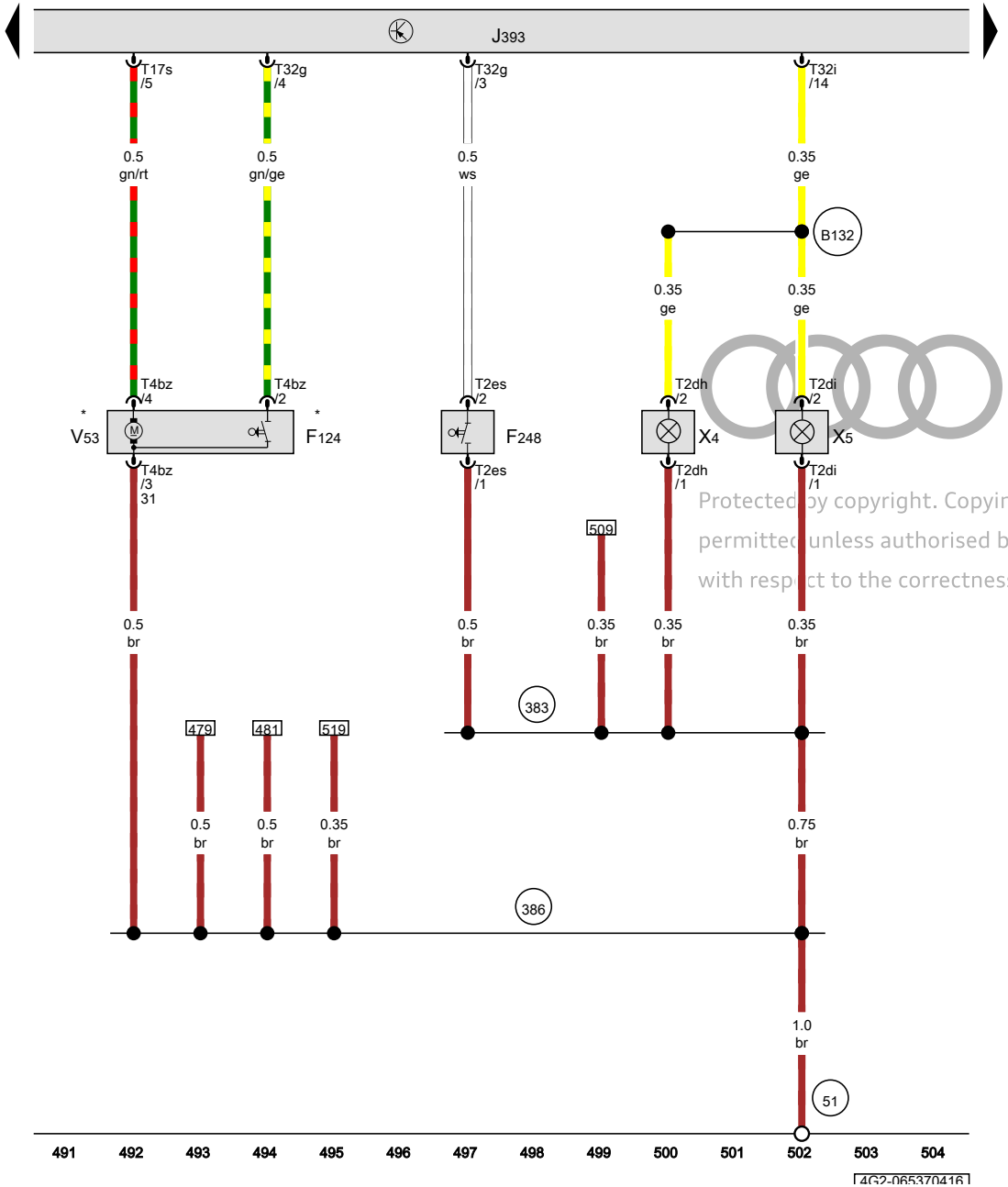


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Button to close rear lid in luggage compartment, Rear lid closed sender 1, Rear lid closed sender 2, Convenience system central control unit, Rear lid control unit, Motor 1 for rear lid

E406	Button to close rear lid in luggage compartment
G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
J393	Convenience system central control unit
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T5ae	5-pin connector
T5af	5-pin connector
T10m	10-pin connector
T17r	17-pin connector
T26b	26-pin connector
T32g	32-pin connector
T32h	32-pin connector
V444	Motor 1 for rear lid
50	Earth point, on left in luggage compartment
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Saloon
*3	Only models with hybrid drive system

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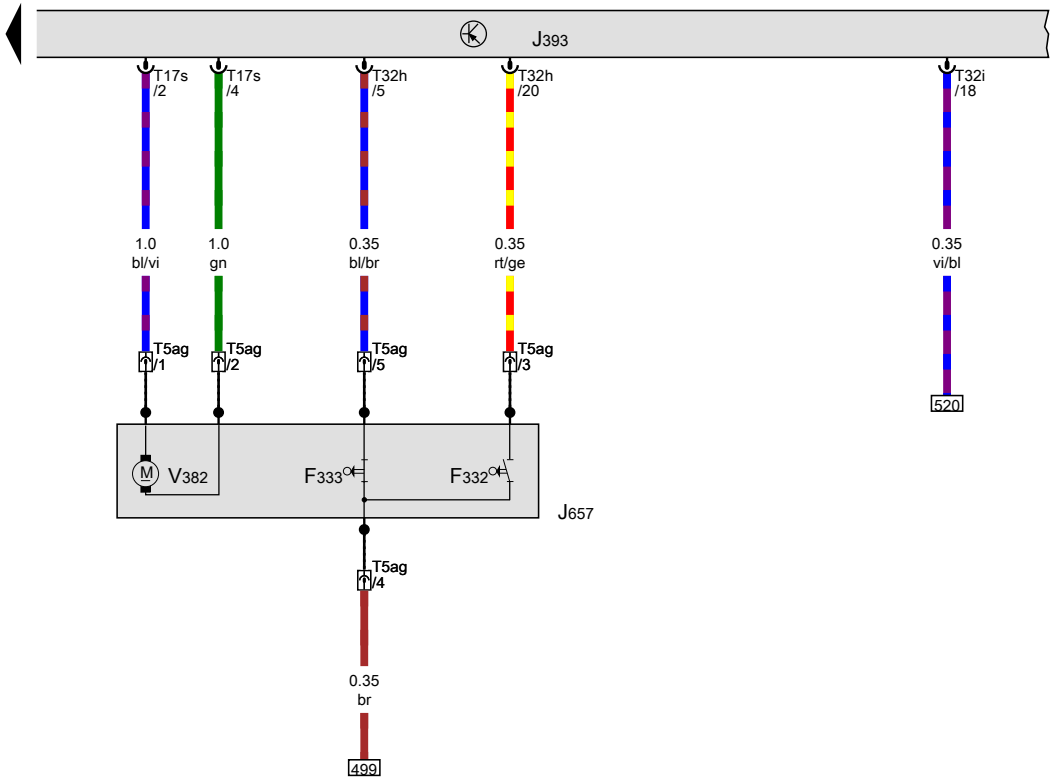
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Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
*	Saloon

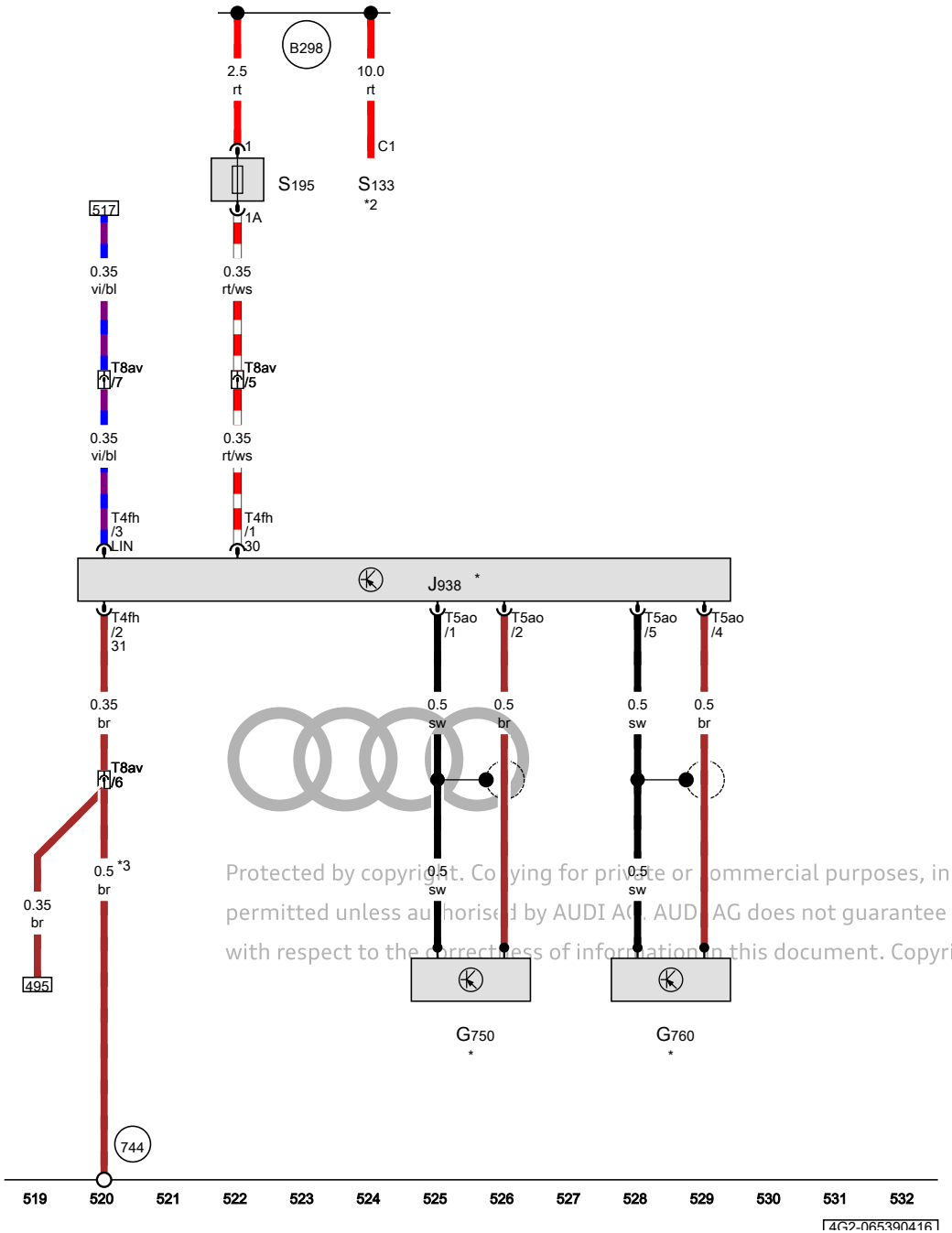
Convenience system central control unit, Power latching control unit

F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid



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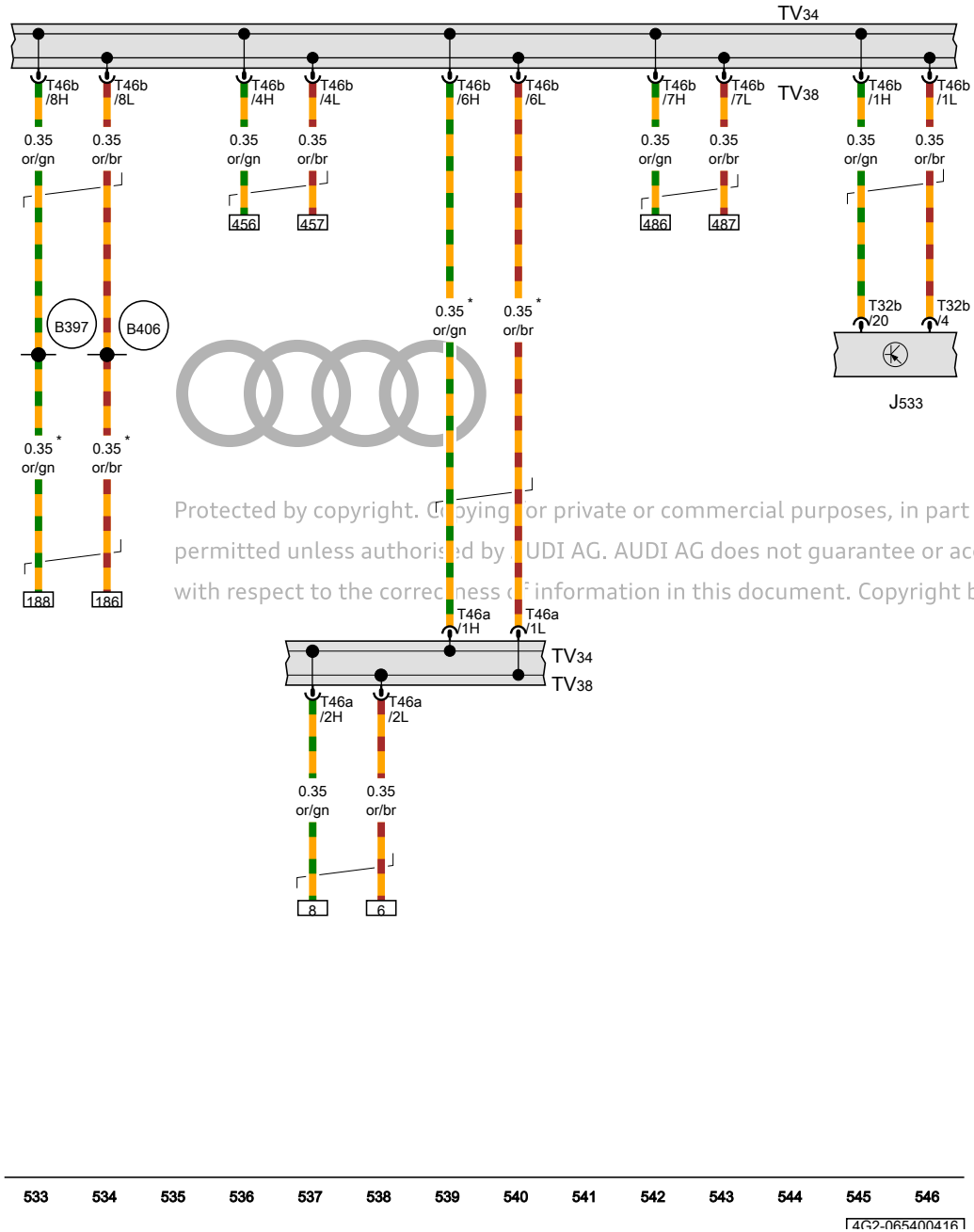


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Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit

G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J938	Rear lid power opening control unit
S133	Fuse 3
S195	Rear lid remote release fuse
T4fh	4-pin connector
T5ao	5-pin connector
T8av	8-pin connector, behind right side trim in luggage compartment
744	Earth point in spare wheel well
B298	Positive connection 2 (30), in main wiring harness
*	According to equipment
*2	Main fuse carrier, on battery on rear right in luggage compartment
*3	gradual introduction

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for convenience CAN bus, low

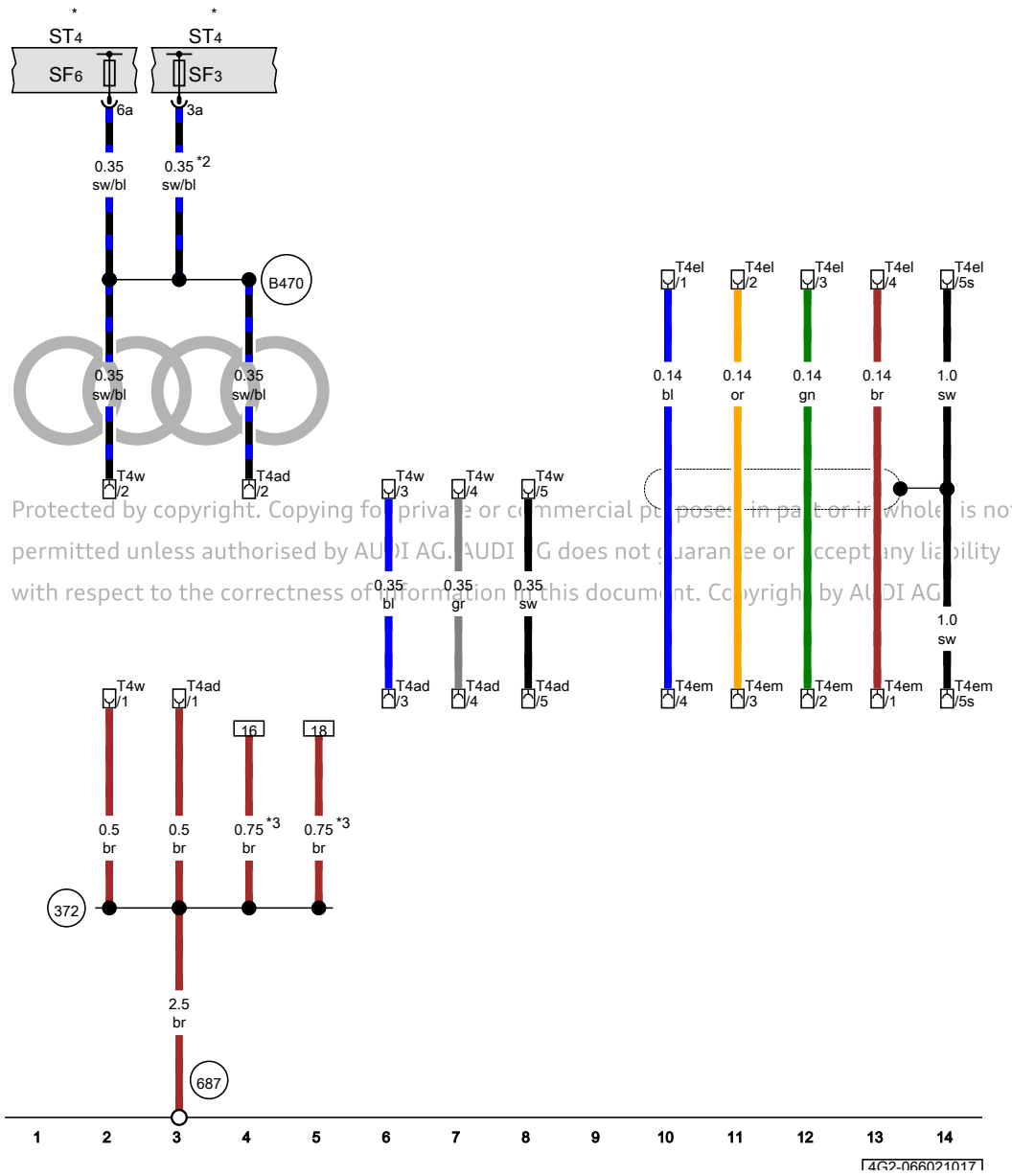
J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

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Preparation for multimedia system

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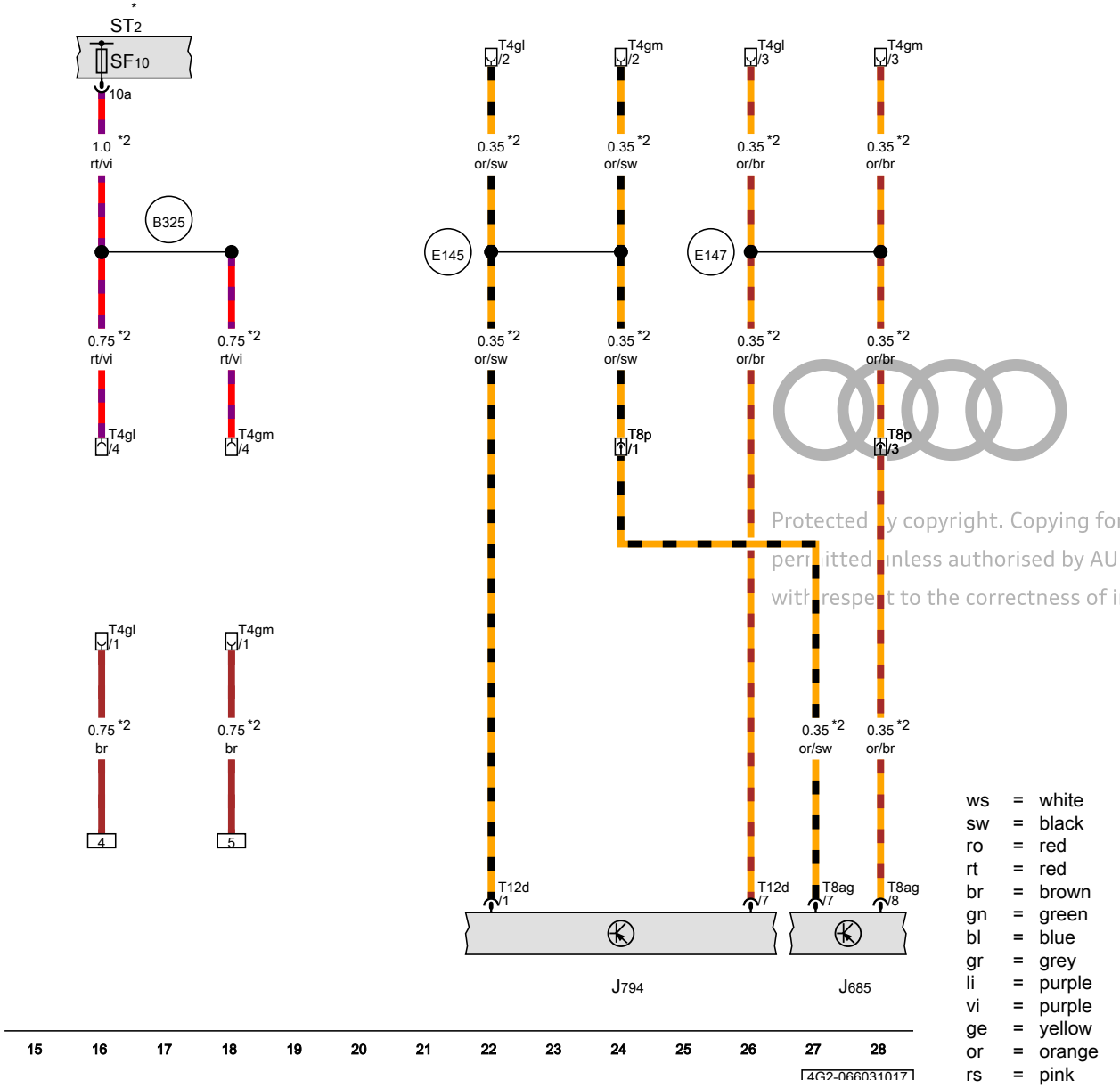
Fuse carrier 4

SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
T4ad	4-pin connector, in front passenger seat
T4el	4-pin connector, in driver seat
T4em	4-pin connector, in front passenger seat
T4w	4-pin connector, in driver seat
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B470	Connection 6, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014
*3	From June 2015

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST2	Fuse carrier 2
SF10	Fuse 10 in fuse holder F
T4gl	4-pin connector, in driver seat
T4gm	4-pin connector, in front passenger seat
T8ag	8-pin connector
T8p	8-pin connector, behind centre console, front left
T12d	12-pin connector
B325	Positive connection 11 (30a) in main wiring harness
E145	Connection 1 (CAN bus, control unit 1 for information electronics, high)
E147	Connection 1 (CAN bus, control unit 1 for information electronics, low)
*	see applicable current flow diagram for fuse assignment
*2	From June 2015



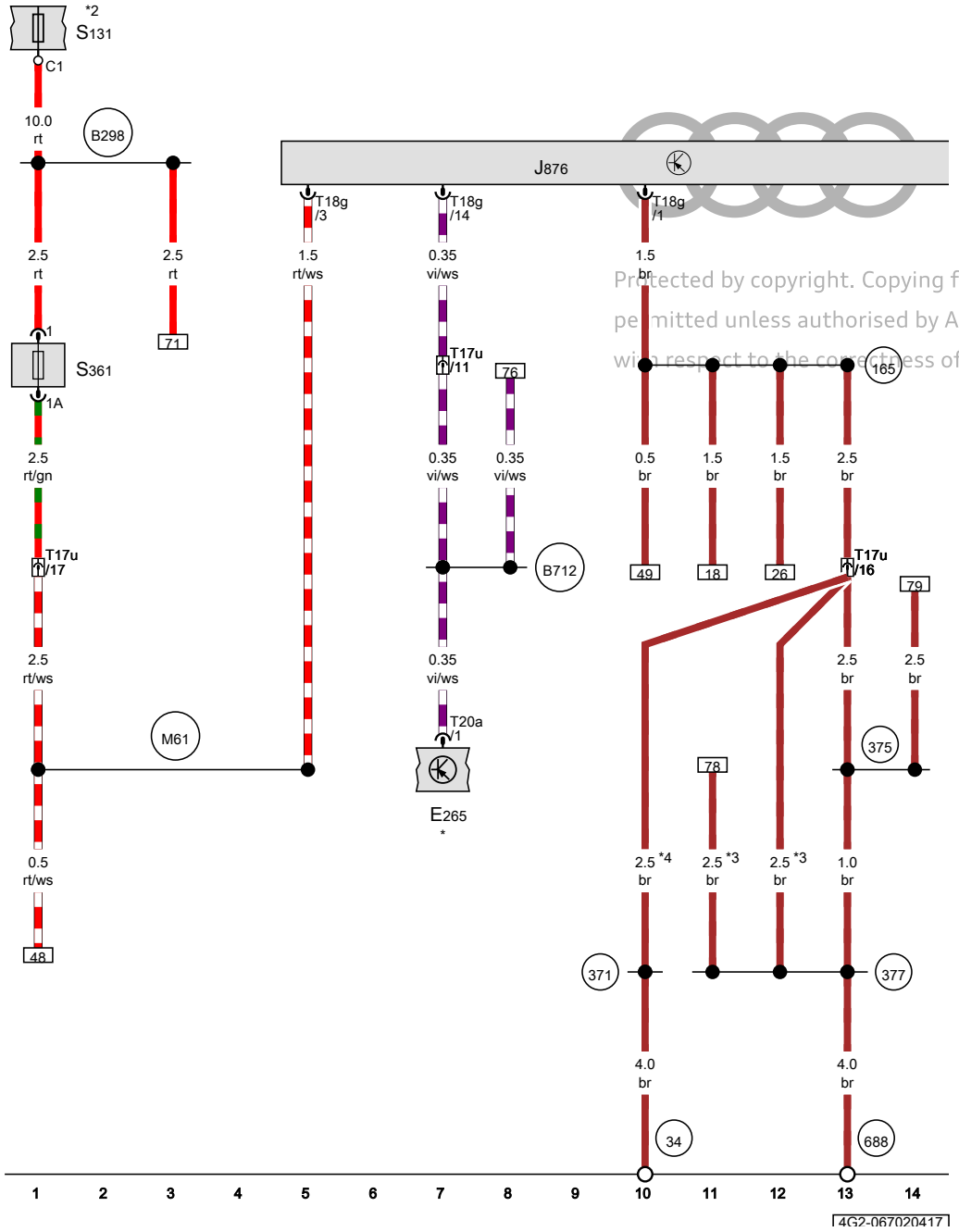
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Ventilated rear seat, heated seat , (4D1)

From June 2011

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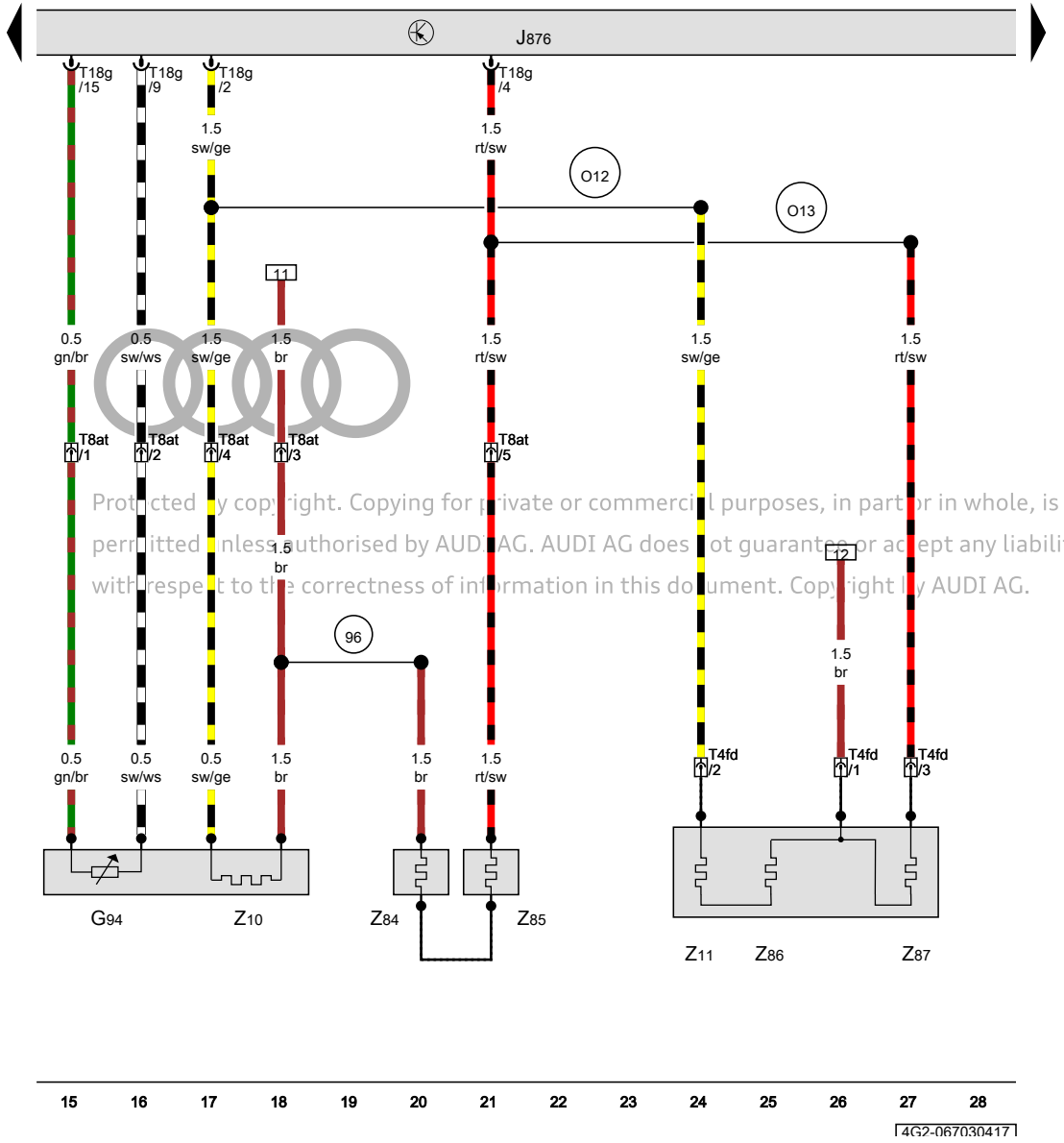


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Control unit for rear seat adjustment, driver side

E265	Operating and display unit for rear air conditioning system
J876	Control unit for rear seat adjustment, driver side
S131	Fuse 1
S361	Thermal fuse 1, on relay and fuse carrier, on right in luggage compartment
T17u	17-pin connector, in coupling point for rear seat, left
T18g	18-pin connector
T20a	20-pin connector
34	Earth point, under driver seat
165	Earth connection 1, in rear seat adjustment wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B298	Positive connection 2 (30), in main wiring harness
B712	Connection 7 (LIN bus) in main wiring harness
M61	Connection 1, in rear seat wiring harness
*	Automatic air conditioning system, luxury Climatronic
*2	see applicable current flow diagram for fuse assignment
*3	From August 2011
*4	From June 2014



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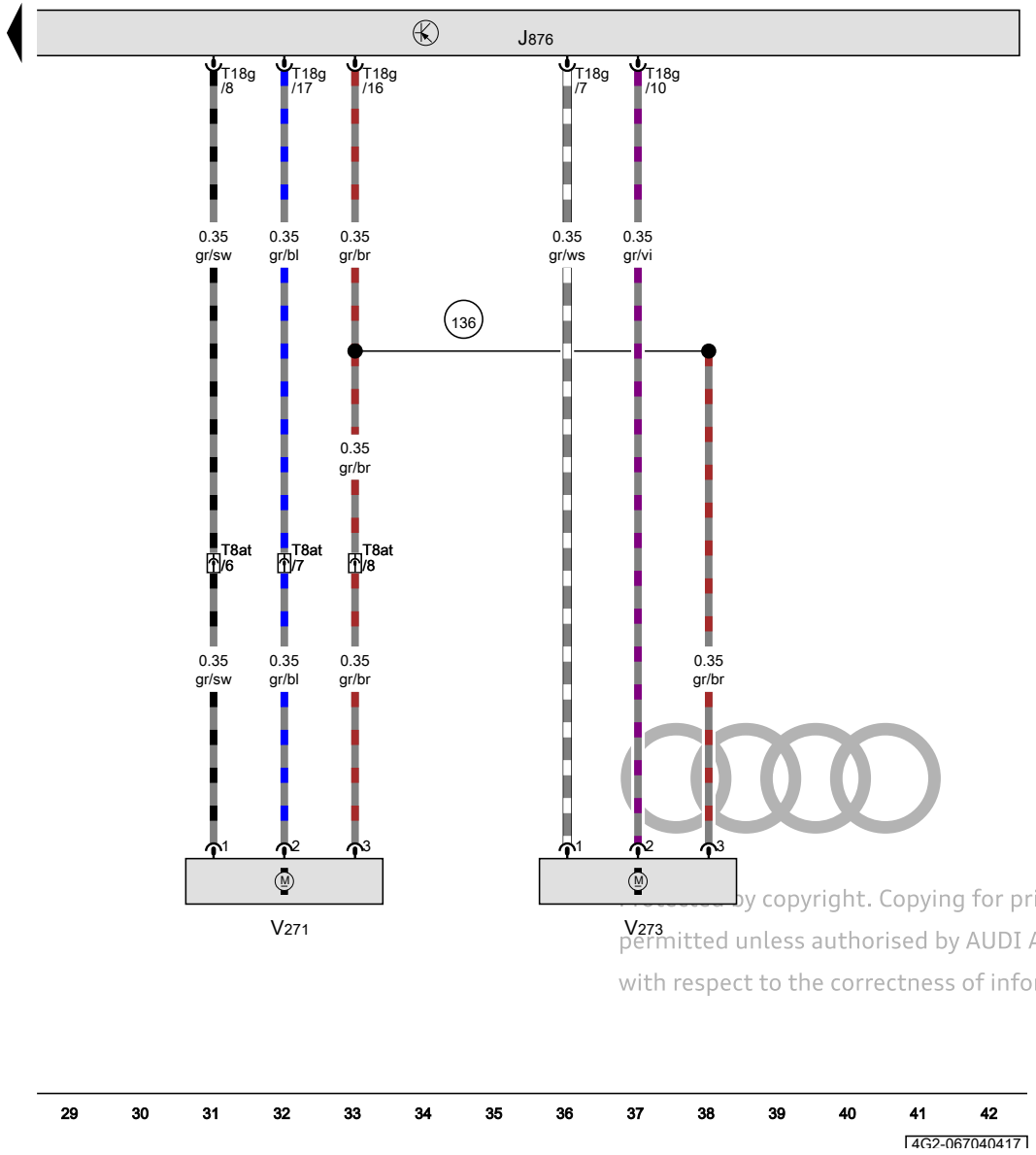
Control unit for rear seat adjustment, driver side

G94	Rear left seat temperature sensor
J876	Control unit for rear seat adjustment, driver side
T4fd	4-pin connector, in rear left seat
T8at	8-pin connector, in rear left seat
T18g	18-pin connector
Z10	Heated bench seat cushion for rear left seat
Z11	Heated backrest for rear left seat
Z84	Left bolster heater for driver side rear seat
Z85	Right bolster heater for driver side rear seat
Z86	Left bolster heater for driver side rear seat backrest
Z87	Right bolster heater for driver side rear seat backrest
96	Earth connection 1, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness

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rs	=	pink

Control unit for rear seat adjustment, driver side

J876	Control unit for rear seat adjustment, driver side
T8at	8-pin connector, in rear left seat
T18g	18-pin connector
V271	Rear left seat fan
V273	Rear left seat backrest fan
136	Earth connection 2, in seat heating wiring harness

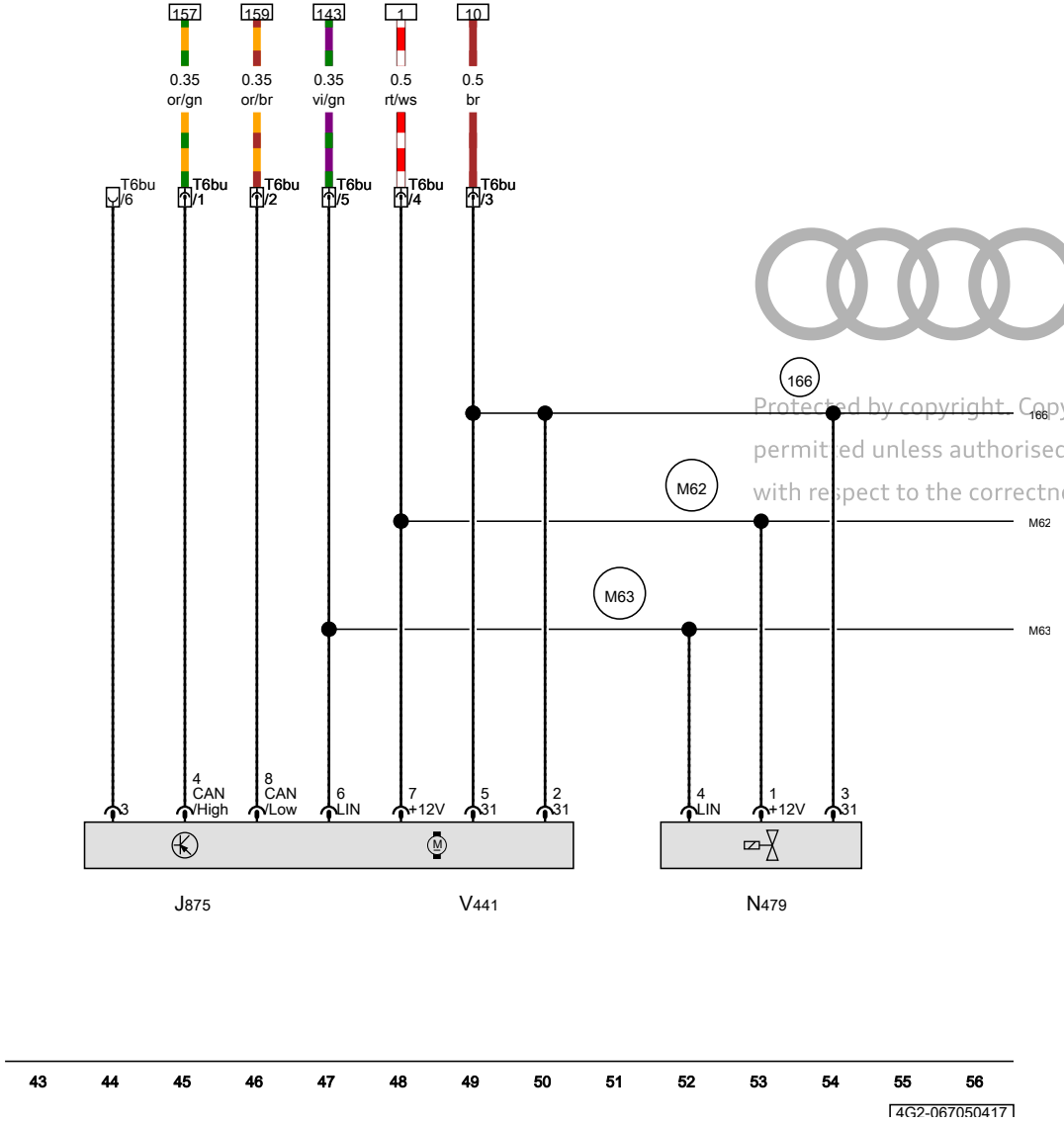


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Control unit for rear multicontour seat, driver side, Valve block 1 in driver side rear seat, Compressor for rear driver side multicontour seat

J875	Control unit for rear multicontour seat, driver side
N479	Valve block 1 in driver side rear seat
T6bu	6-pin connector, in rear left seat
V441	Compressor for rear driver side multicontour seat
166	Earth connection 2, in rear seat adjustment wiring harness
M62	Connection 2, in rear seat wiring harness
M63	Connection 3, in rear seat wiring harness



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Valve block 2 in driver side rear seat, Valve block 3 in driver side rear seat

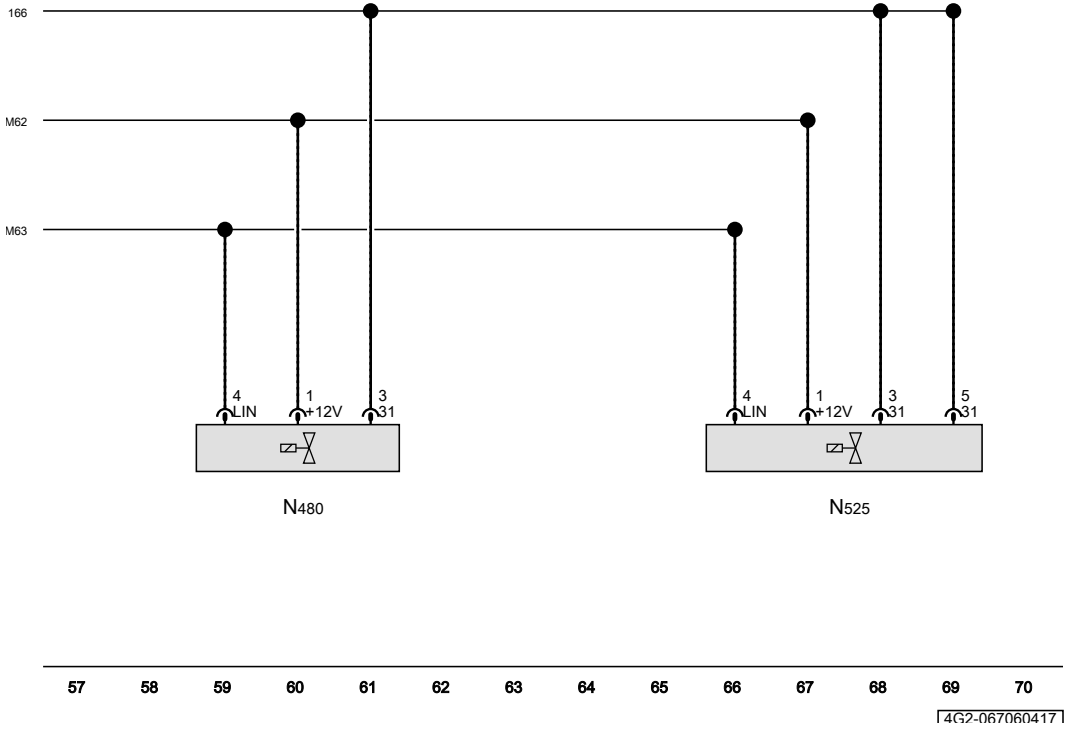
N480 Valve block 2 in driver side rear seat
N525 Valve block 3 in driver side rear seat

166 Earth connection 2, in rear seat adjustment wiring harness

M62 Connection 2, in rear seat wiring harness

M63 Connection 3, in rear seat wiring harness

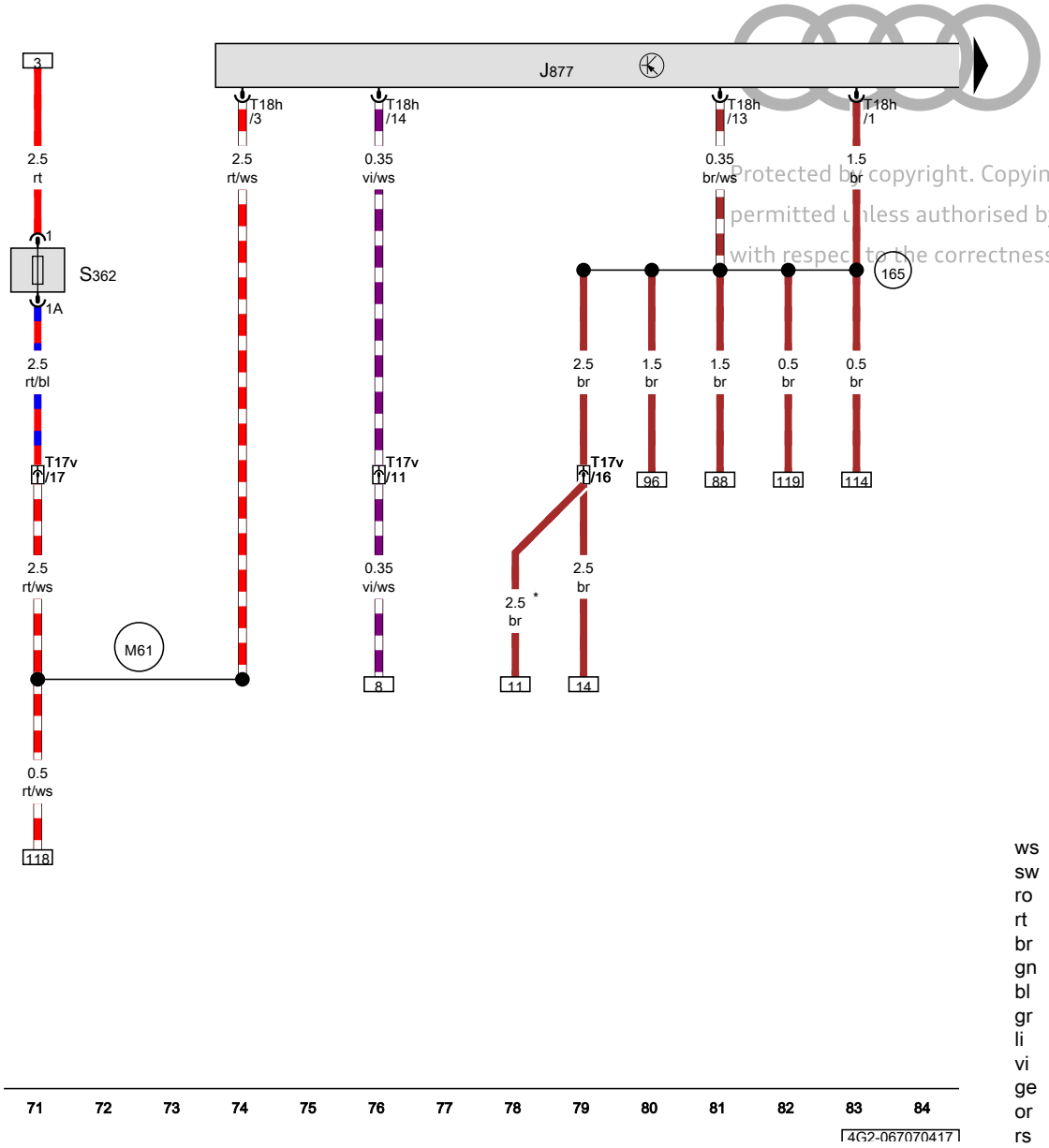
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Control unit for rear seat adjustment, passenger side, Thermal fuse 2

J877	Control unit for rear seat adjustment, passenger side
S362	Thermal fuse 2, on relay and fuse carrier, on right in luggage compartment
T17v	17-pin connector, in coupling point for rear seat, right
T18h	18-pin connector
165	Earth connection 1, in rear seat adjustment wiring harness
M61	Connection 1, in rear seat wiring harness
*	From August 2011

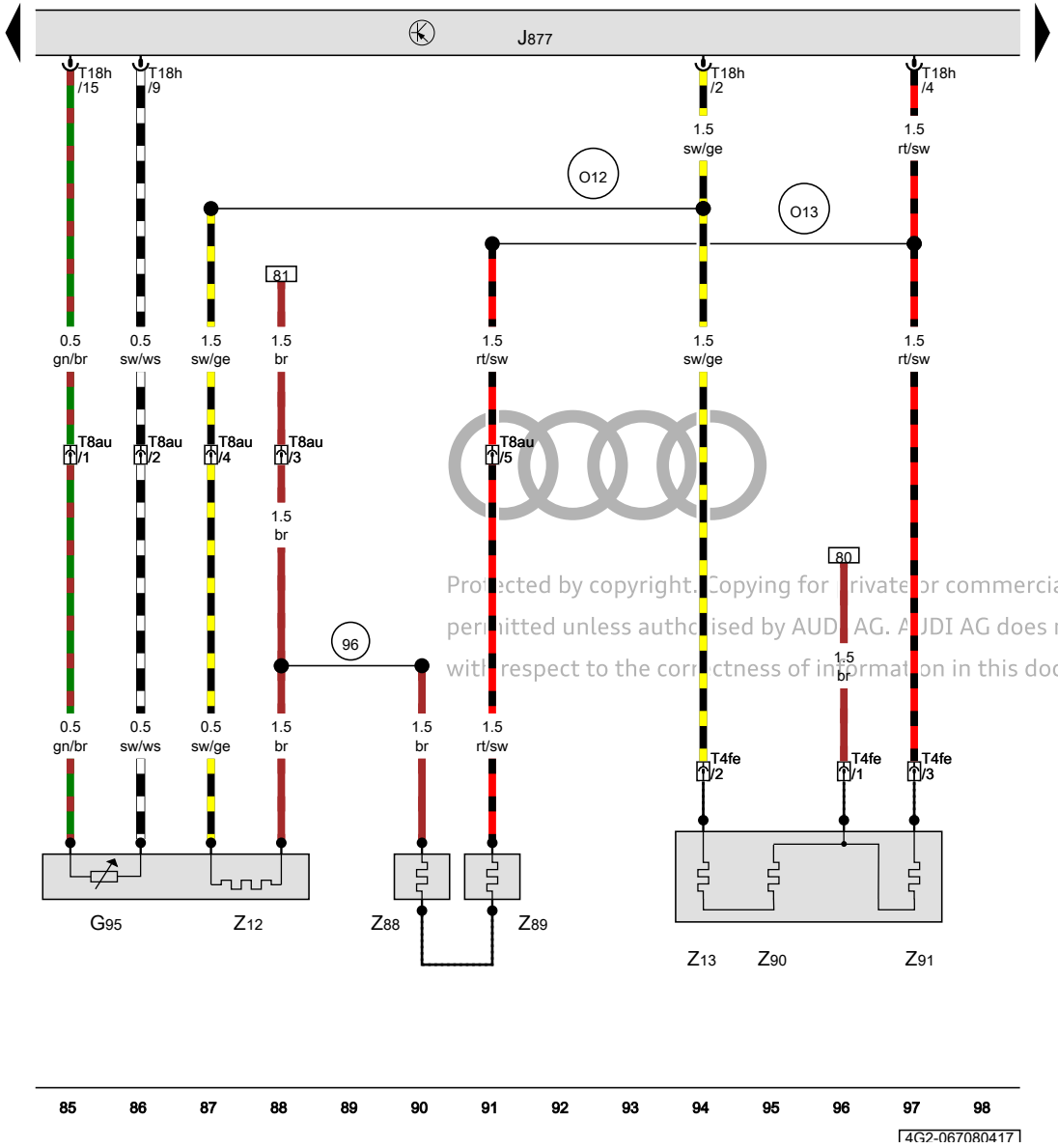


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Control unit for rear seat adjustment, passenger side

G95	Rear right seat temperature sensor
J877	Control unit for rear seat adjustment, passenger side
T4fe	4-pin connector, in rear right seat
T8au	8-pin connector, in rear right seat
T18h	18-pin connector
Z12	Heated bench seat cushion for rear right seat
Z13	Heated backrest for rear right seat
Z88	Left bolster heater for passenger side rear seat
Z89	Right bolster heater for passenger side rear seat
Z90	Left bolster heater for passenger side rear seat backrest
Z91	Right bolster heater for passenger side rear seat backrest
96	Earth connection 1, in seat heating wiring harness
O12	Connection 1, in seat heating wiring harness
O13	Connection 2, in seat heating wiring harness

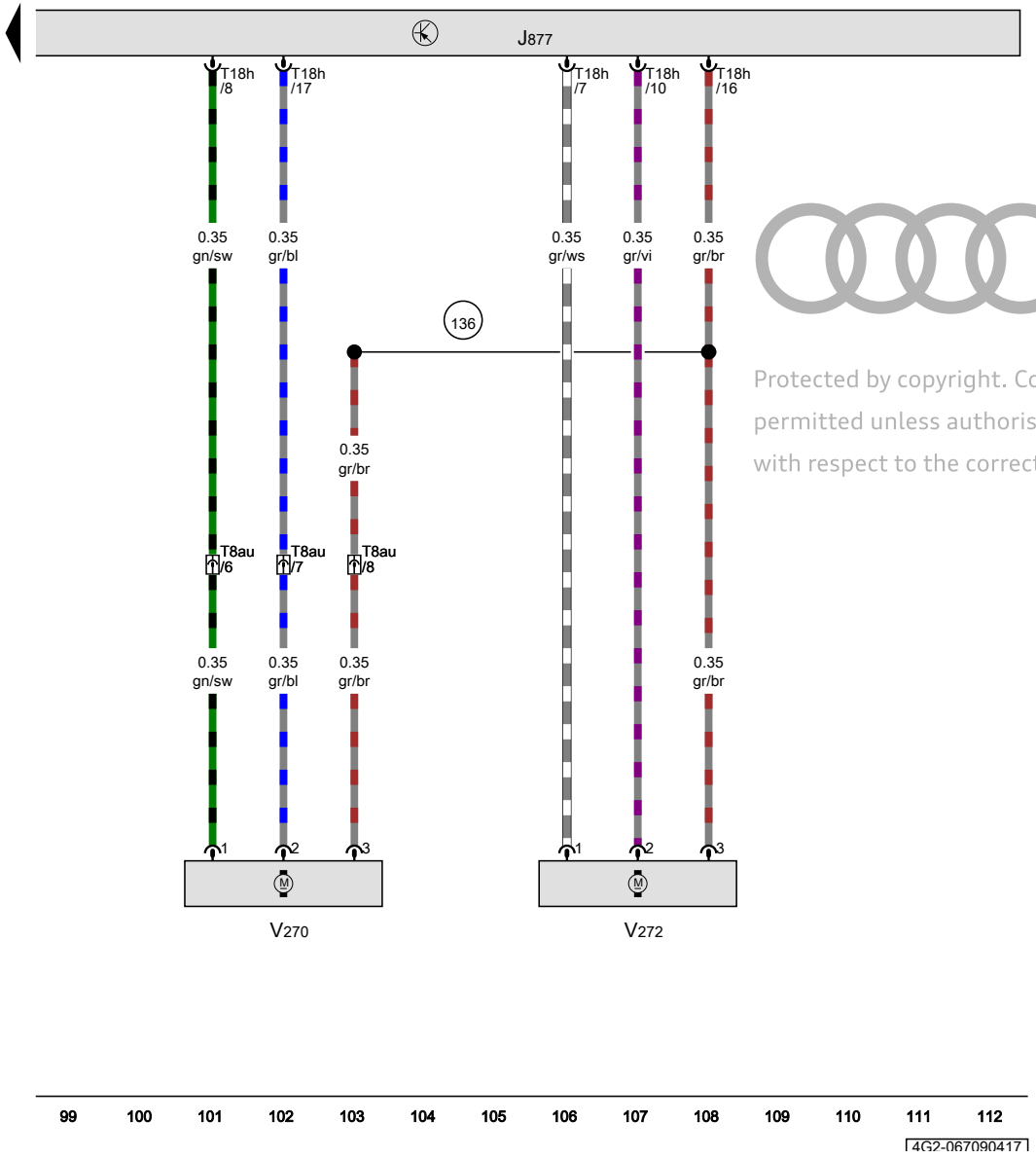


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Control unit for rear seat adjustment, passenger side

J877	Control unit for rear seat adjustment, passenger side
T8au	8-pin connector, in rear right seat
T18h	18-pin connector
V270	Rear right seat fan
V272	Rear right seat backrest fan
136	Earth connection 2, in seat heating wiring harness



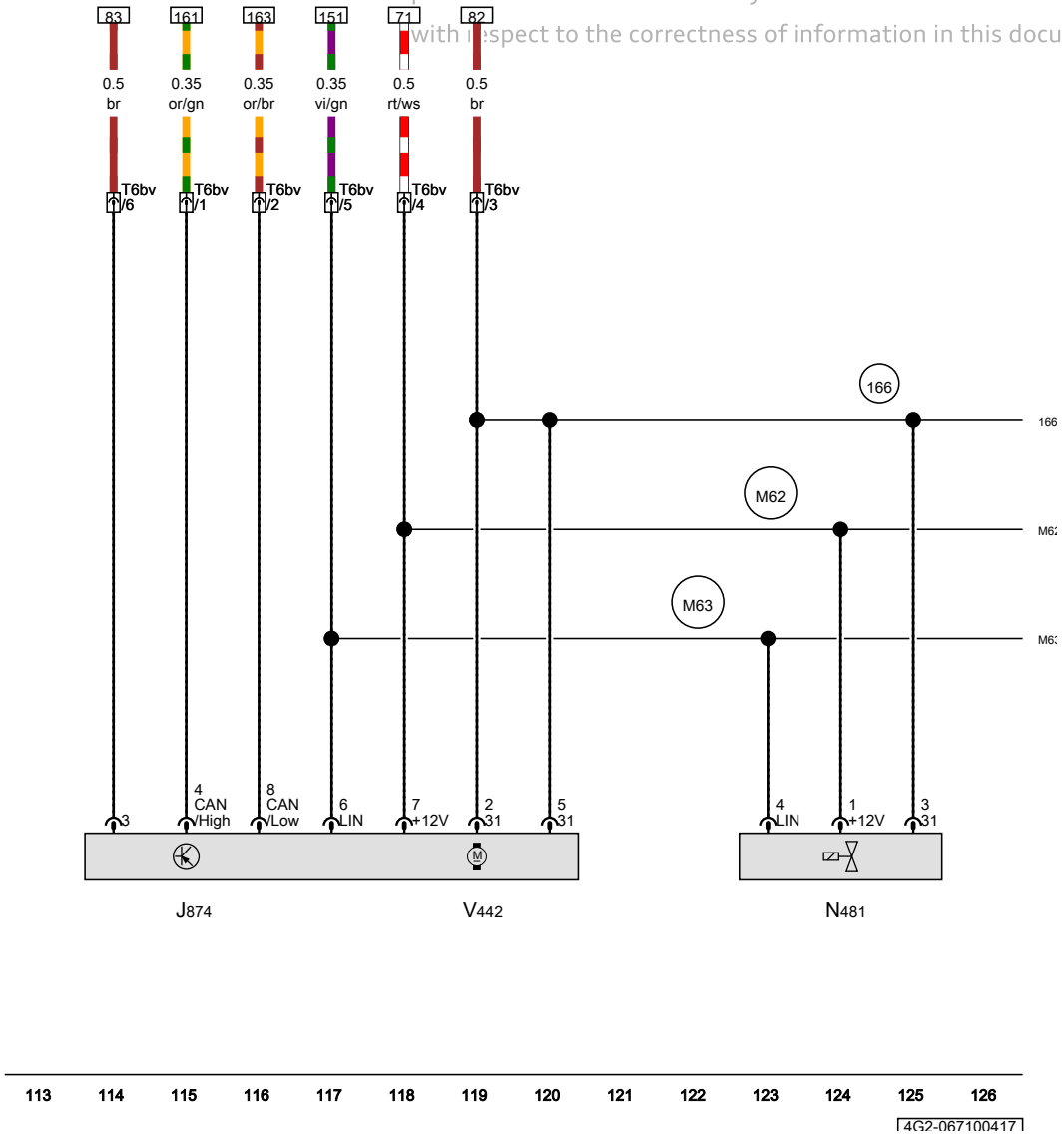
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Control unit for rear multicontour seat, passenger side, Valve block 1 in rear seat, passenger side, Compressor for rear passenger side multicontour seat

J874	Control unit for rear multicontour seat, passenger side
N481	Valve block 1 in rear seat, passenger side
T6bv	6-pin connector, in rear right seat
V442	Compressor for rear passenger side multicontour seat
166	Earth connection 2, in rear seat adjustment wiring harness
M62	Connection 2, in rear seat wiring harness
M63	Connection 3, in rear seat wiring harness



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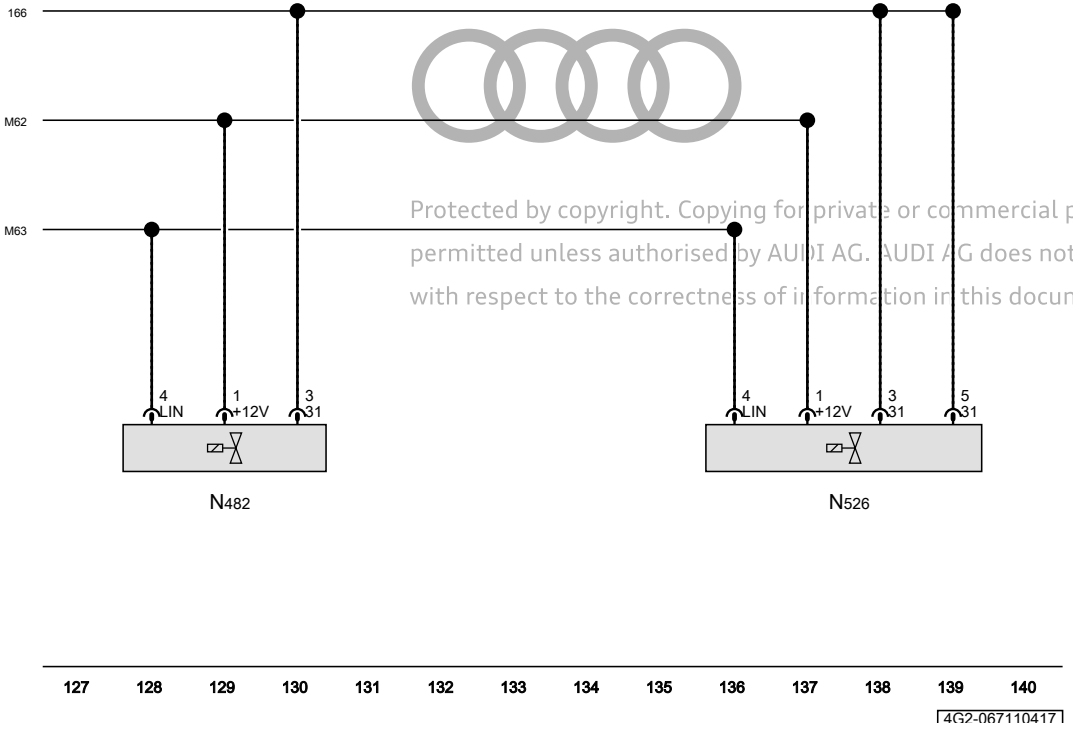
Valve block 2 in rear seat, passenger side, Valve block 3 in rear seat, passenger side

N482 Valve block 2 in rear seat, passenger side
N526 Valve block 3 in rear seat, passenger side

166 Earth connection 2, in rear seat adjustment wiring harness

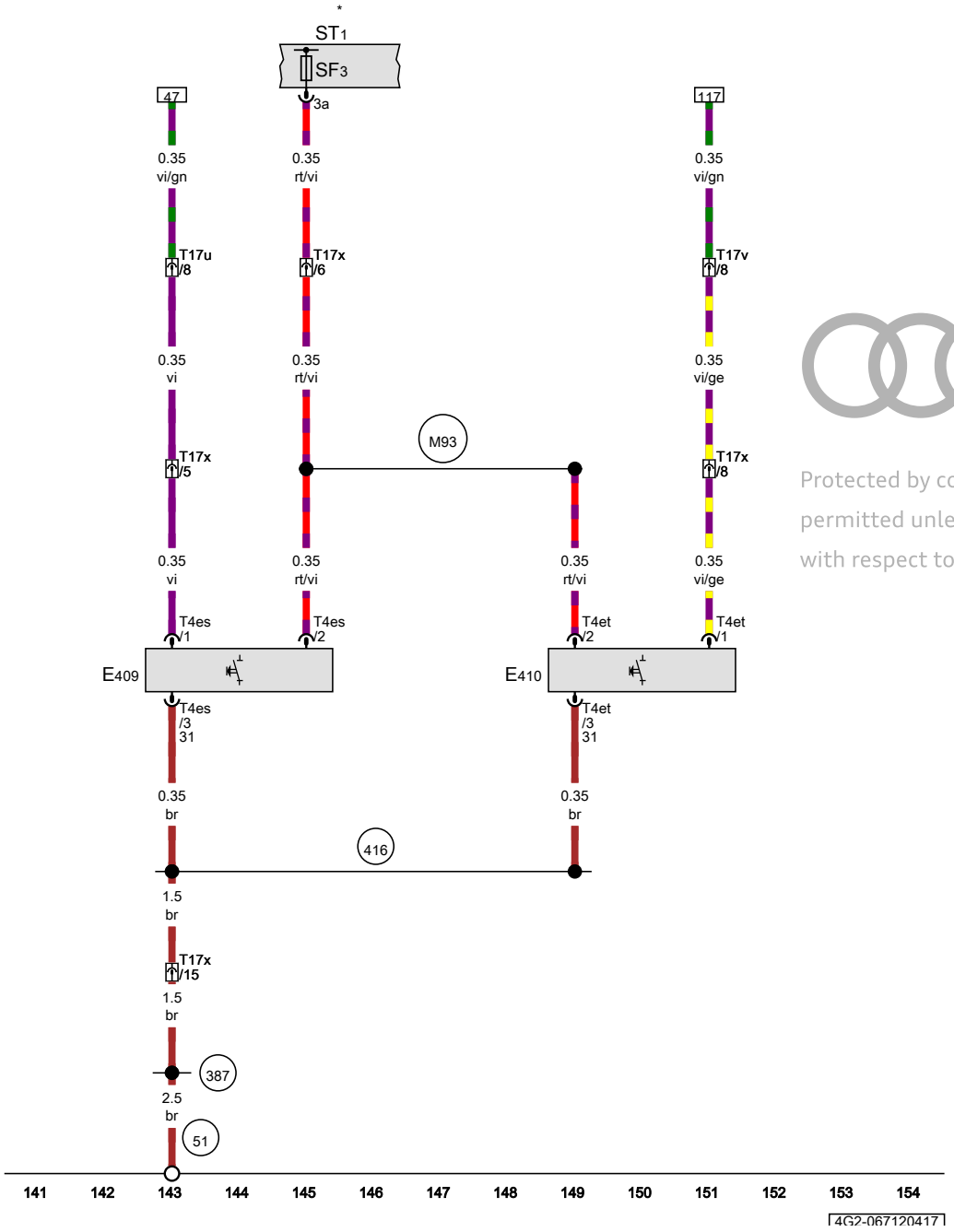
M62 Connection 2, in rear seat wiring harness

M63 Connection 3, in rear seat wiring harness



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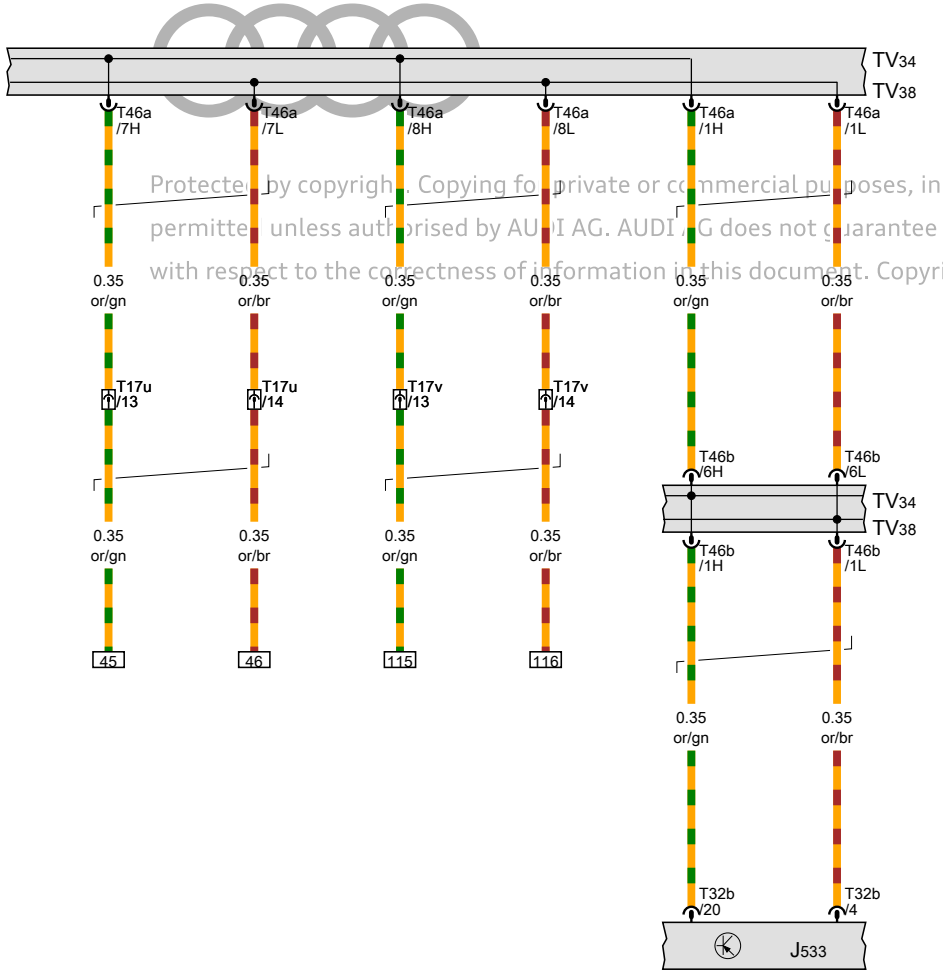


Rear left seat massage function button, Rear right seat massage function button

E409	Rear left seat massage function button
E410	Rear right seat massage function button
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
T4es	4-pin connector
T4et	4-pin connector
T17u	17-pin connector, in coupling point for rear seat, left
T17v	17-pin connector, in coupling point for rear seat, right
T17x	17-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
416	Earth connection, in rear armrest wiring harness
M93	Connection 2, in rear armrest wiring harness
*	see applicable current flow diagram for fuse assignment

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155 156 157 158 159 160 161 162 163 164 165 166 167 168

4G2-067130417

Data bus diagnostic interface

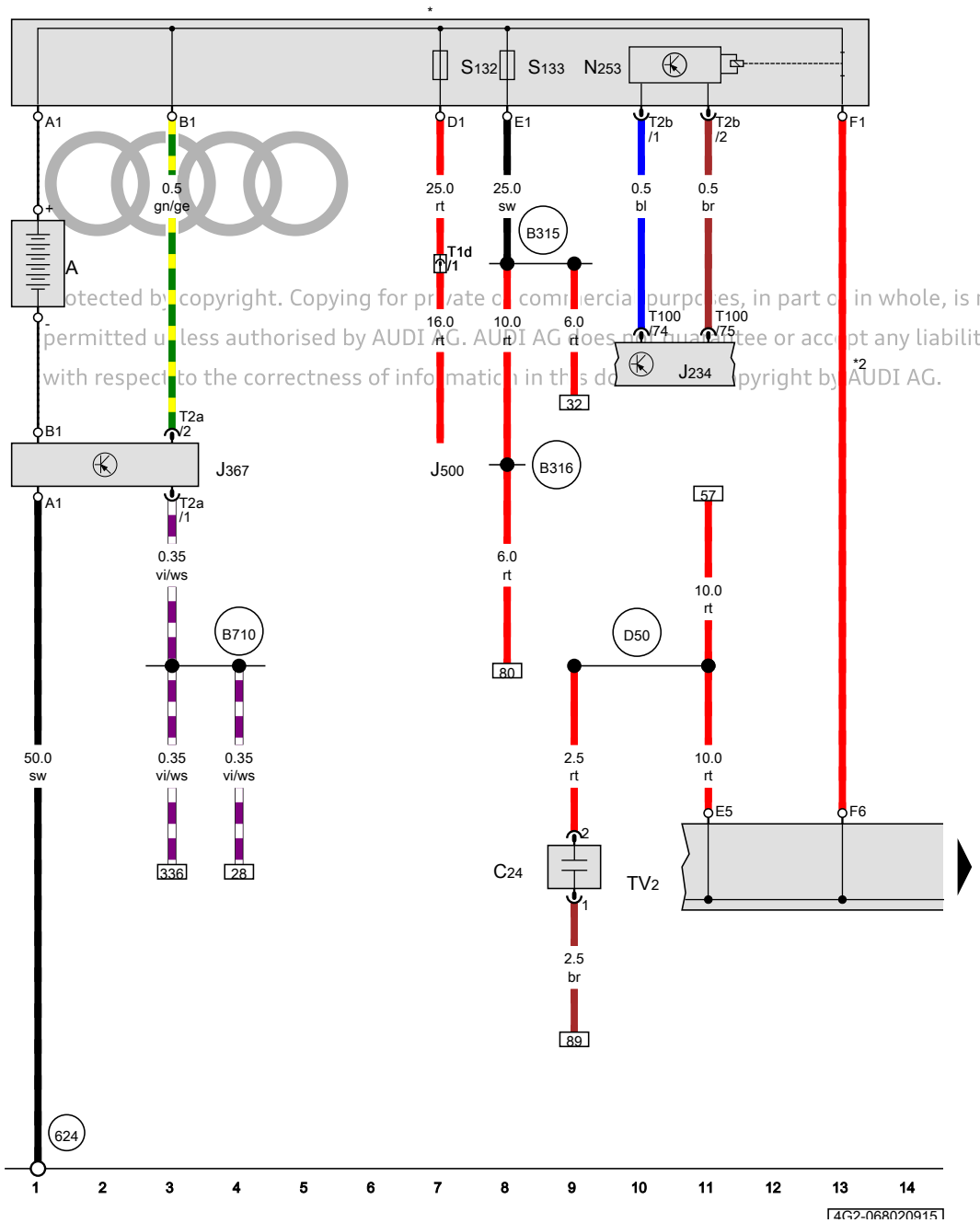
J533	Data bus diagnostic interface
T17u	17-pin connector, in coupling point for rear seat, left
T17v	17-pin connector, in coupling point for rear seat, right
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low

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3.0l diesel engine , CGQB

From June 2011

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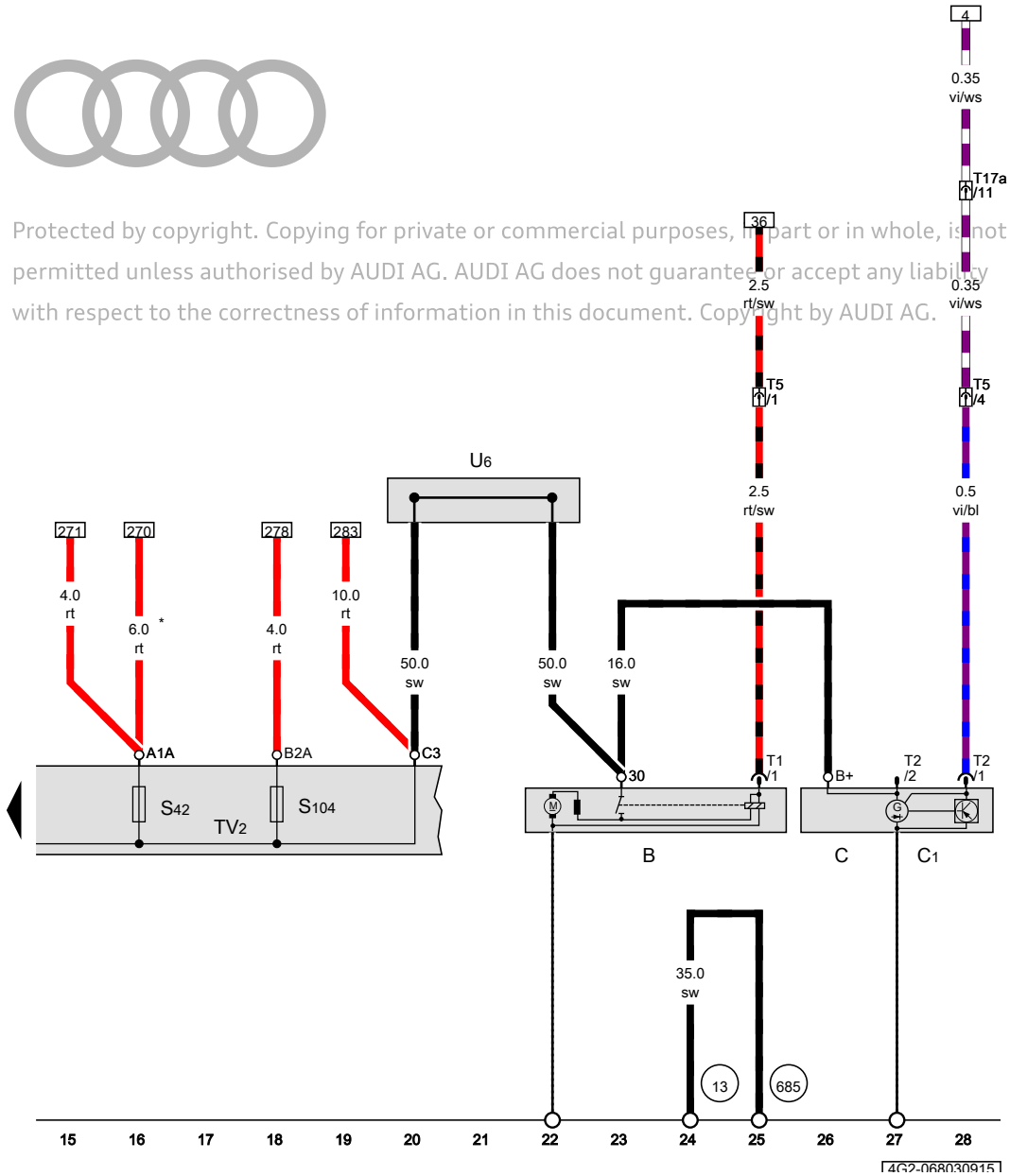
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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	Single connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor

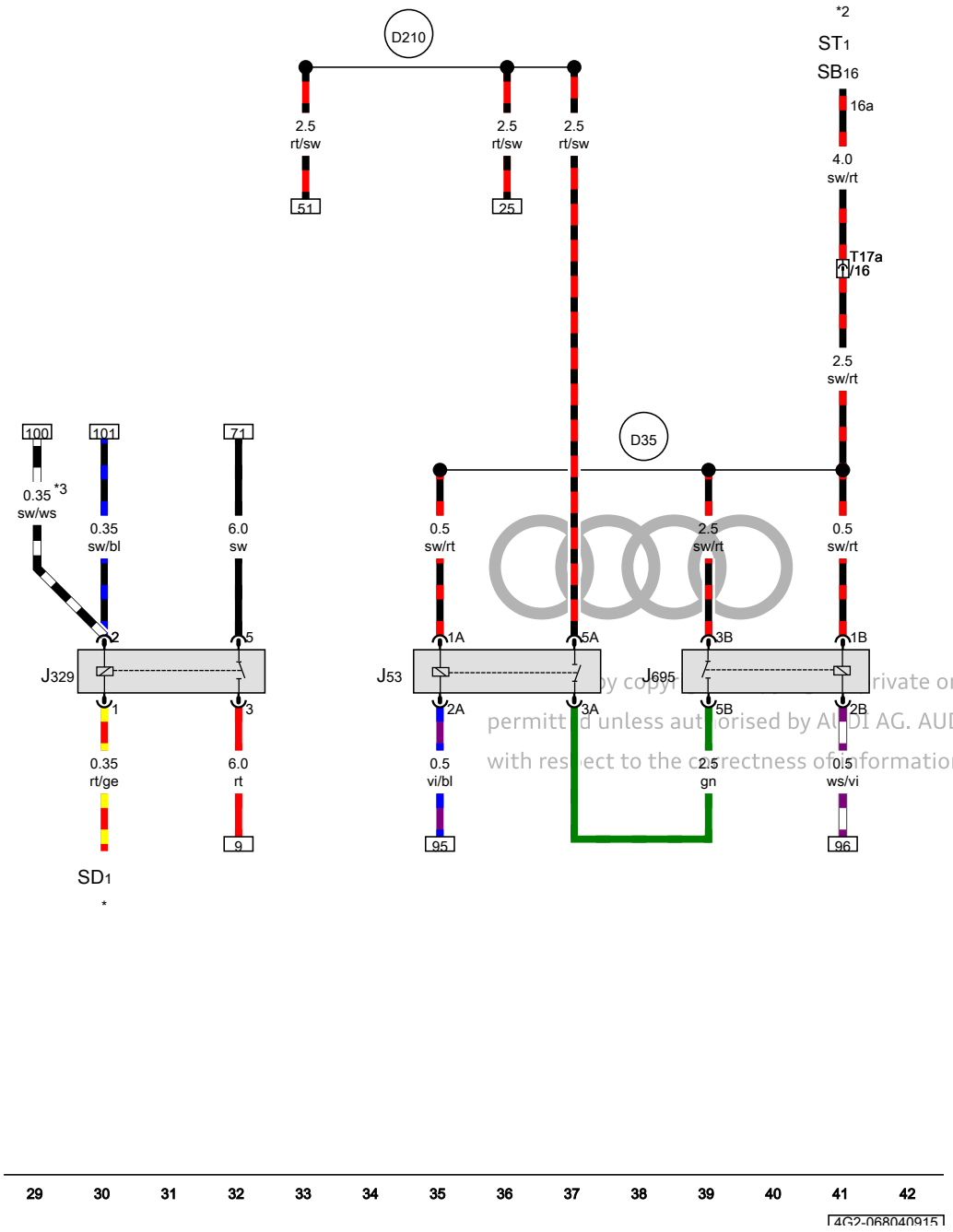
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Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T1	Single connector
T2	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
TV2	Terminal 30 wiring junction, central in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1 at front of right longitudinal member
*	Only models with Tiptronic

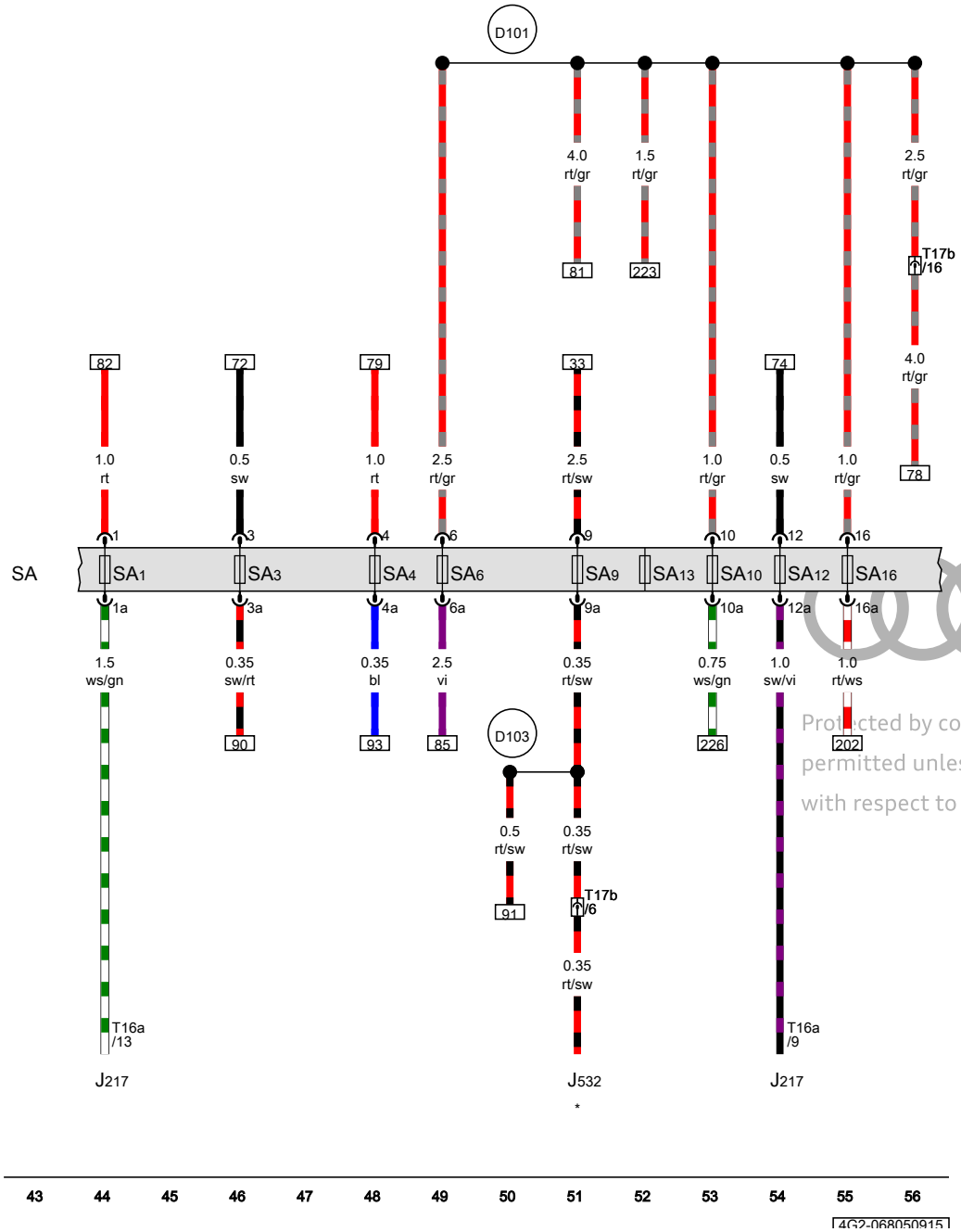


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	Only right-hand drive models

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Fuse holder A

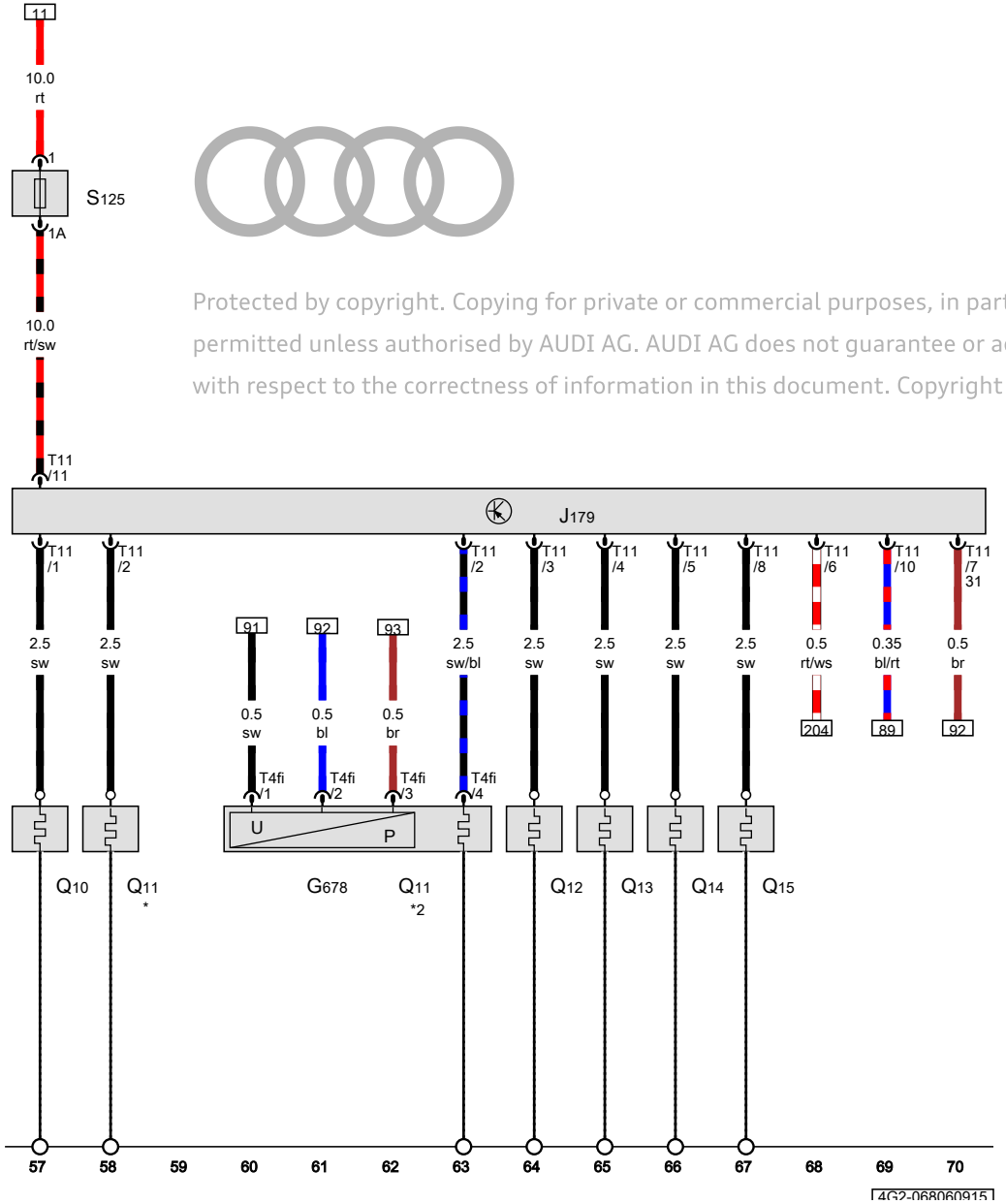
J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA9	Fuse 9 in fuse holder A
SA10	Fuse 10 in fuse holder A
SA12	Fuse 12 in fuse holder A
SA13	Fuse 13 in fuse holder A
SA16	Fuse 16 in fuse holder A
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with start/stop system

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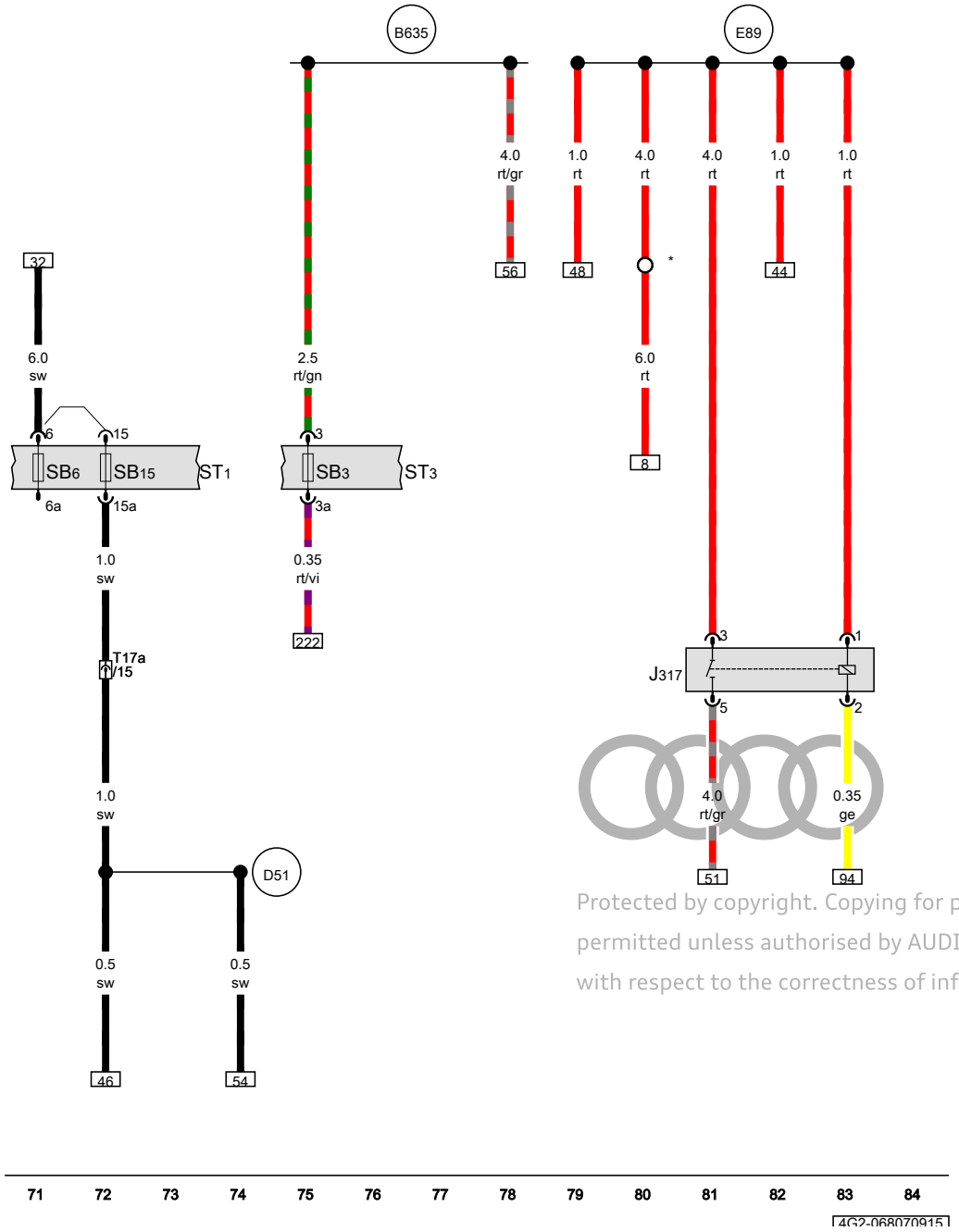
Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
T4fi	4-pin connector
T11	11-pin connector
*	Not for models with Euro 6 emission standard
*2	Only models with Euro 6 emission standard



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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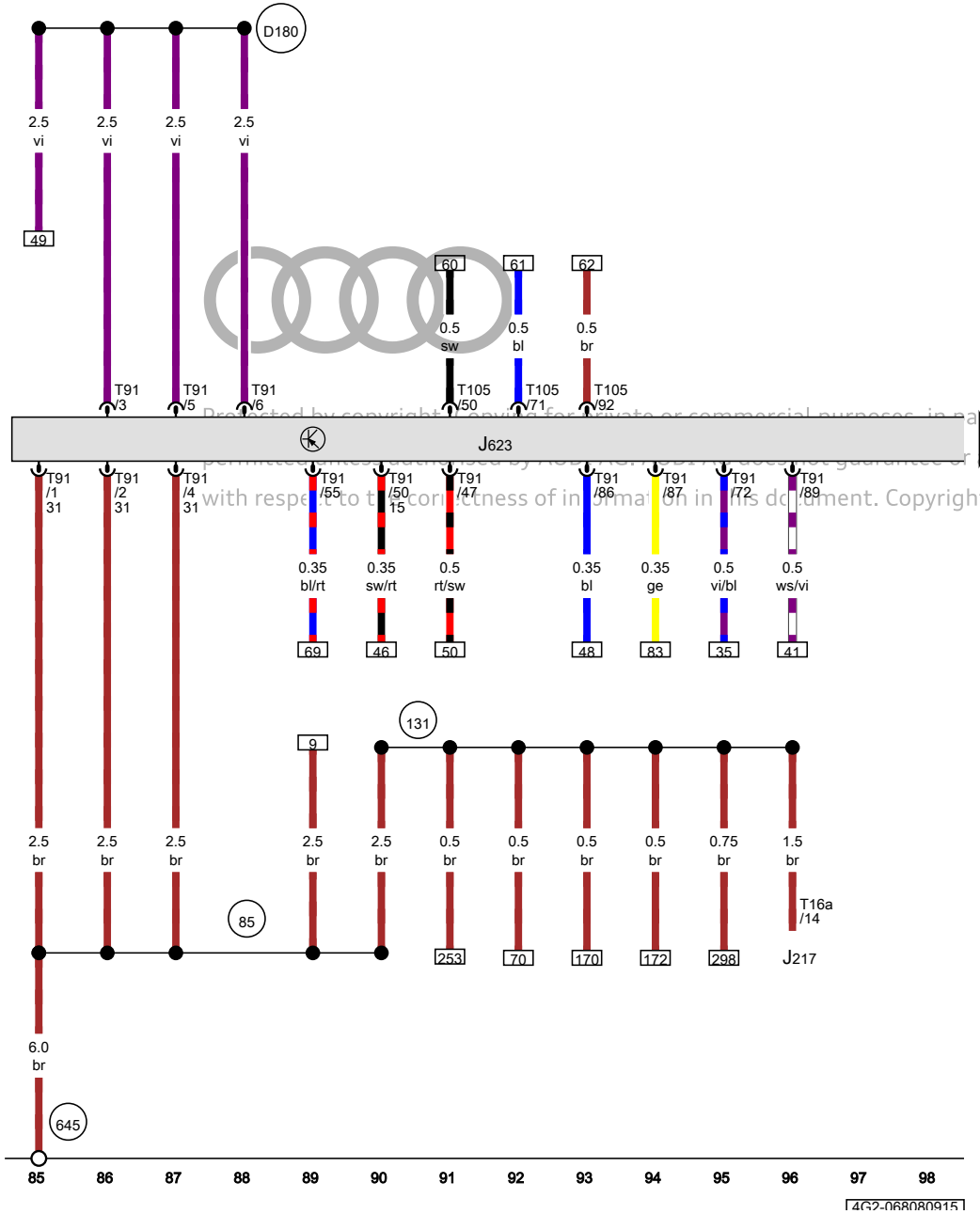


Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber

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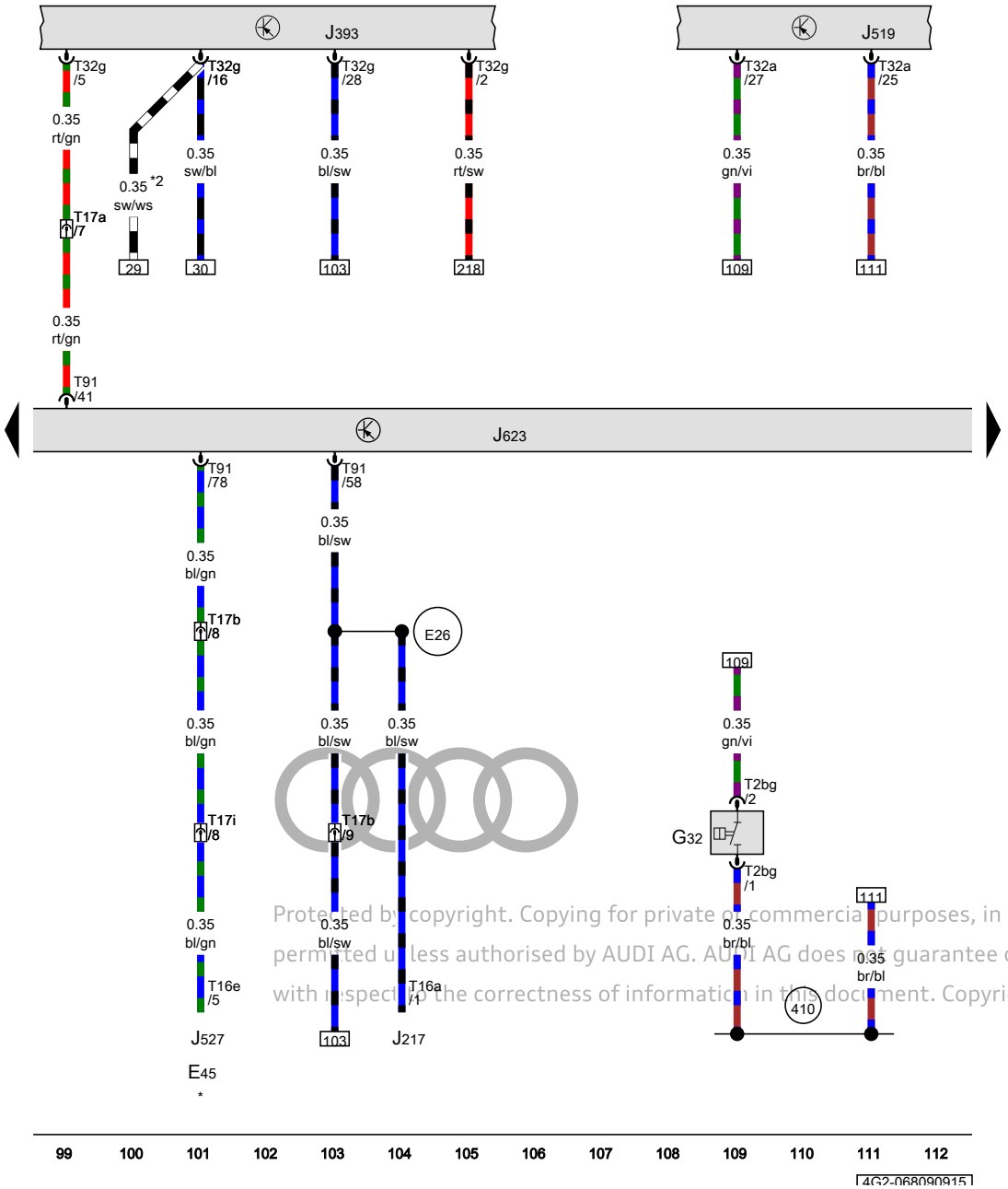


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Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T16a	16-pin connector
T91	91-pin connector
T105	105-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness

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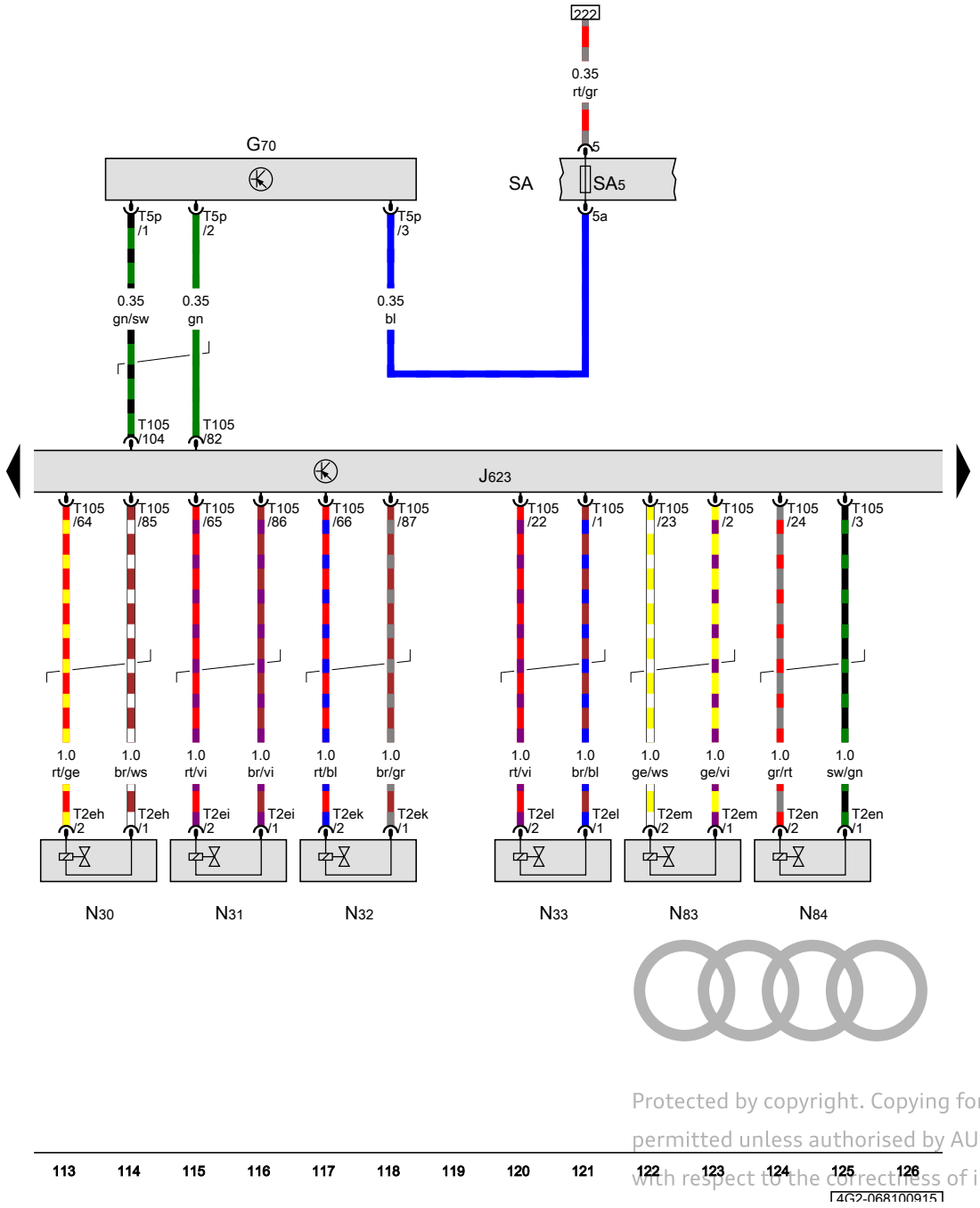
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Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T2bg	2-pin connector
T16a	16-pin connector
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	Only models with cruise control system (CCS)
*2	Only right-hand drive models

Air mass meter, Engine control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
SA	Fuse holder A
SA5	Fuse 5 in fuse holder A
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T5p	5-pin connector
T105	105-pin connector

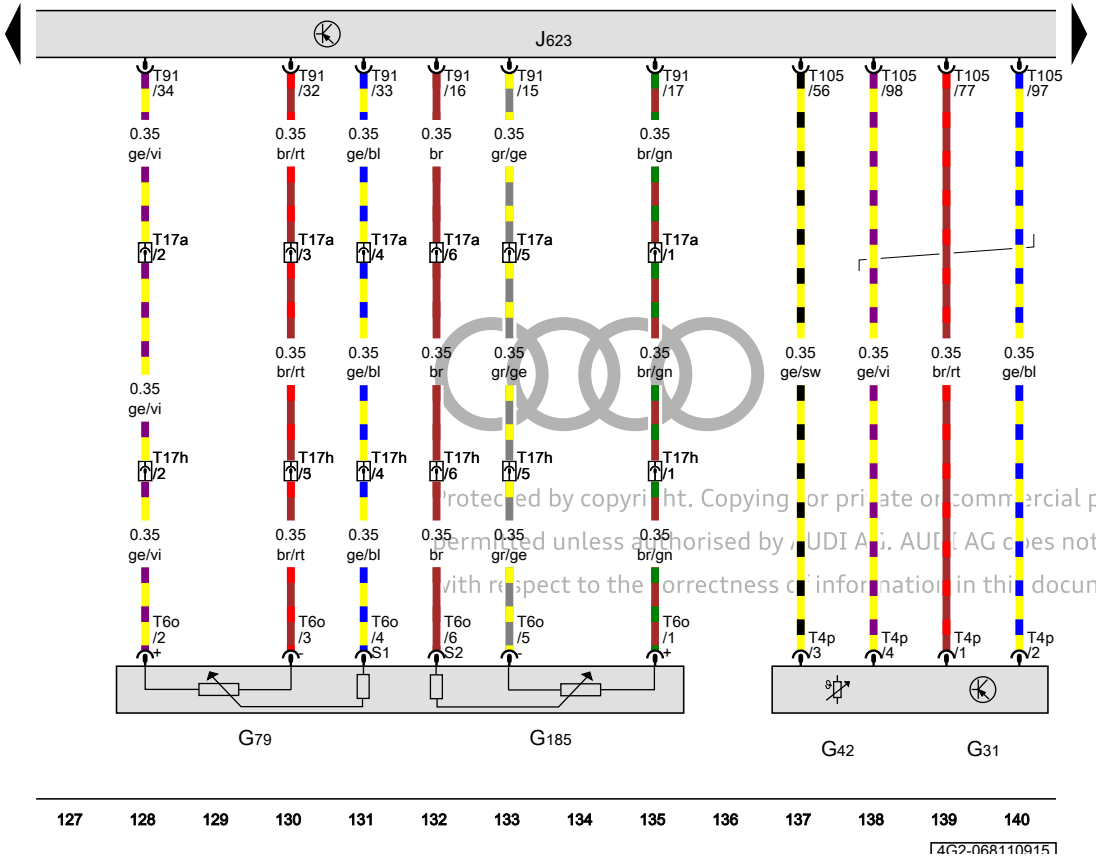


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Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4p	4-pin connector
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
T105	105-pin connector

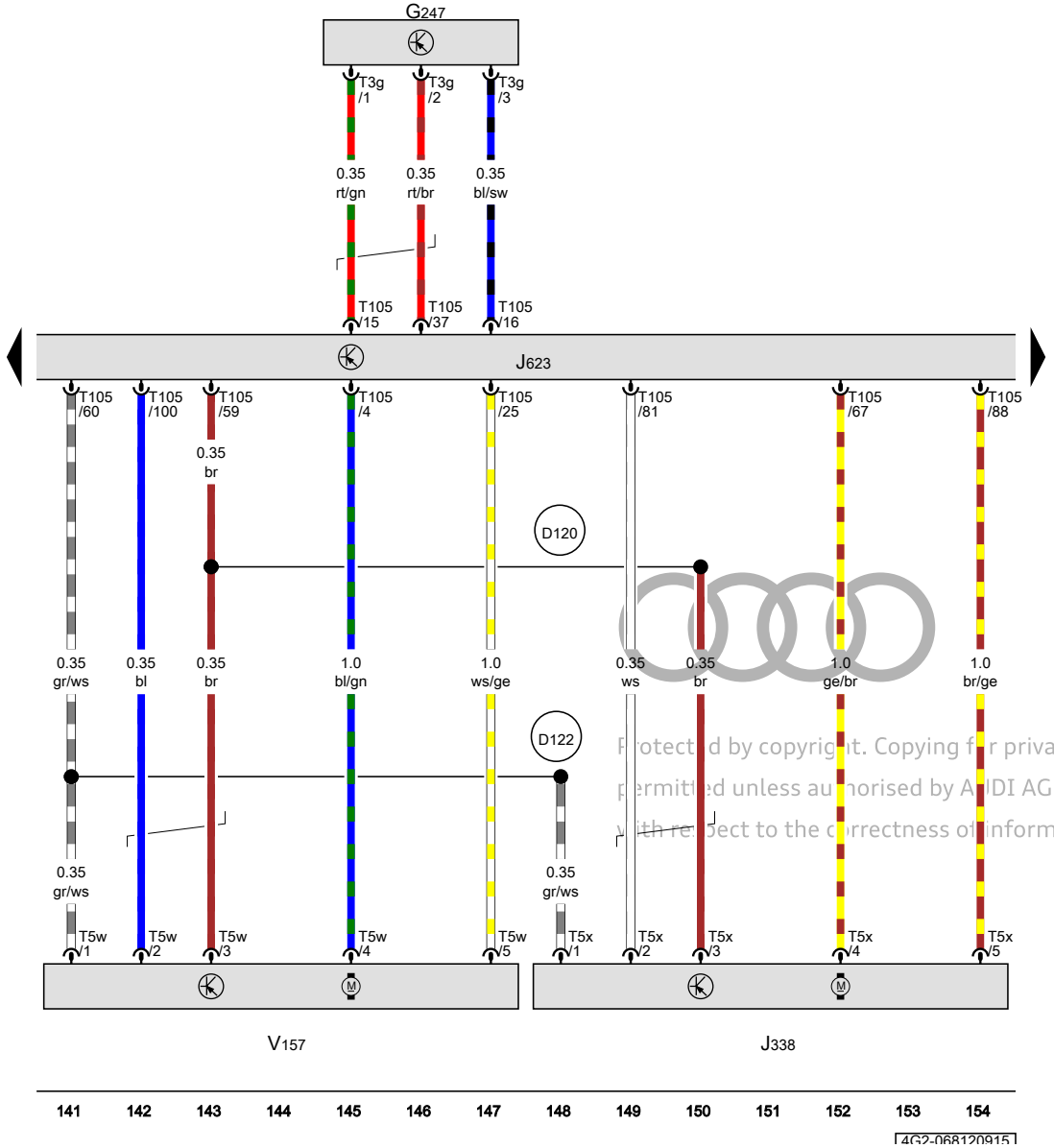


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or	=	orange
rs	=	pink

Fuel pressure sender, Throttle valve module, Engine control unit

G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3g	3-pin connector
T5w	5-pin connector, black
T5x	5-pin connector, black
T105	105-pin connector
V157	Intake manifold flap motor
D120	Connection 18 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness

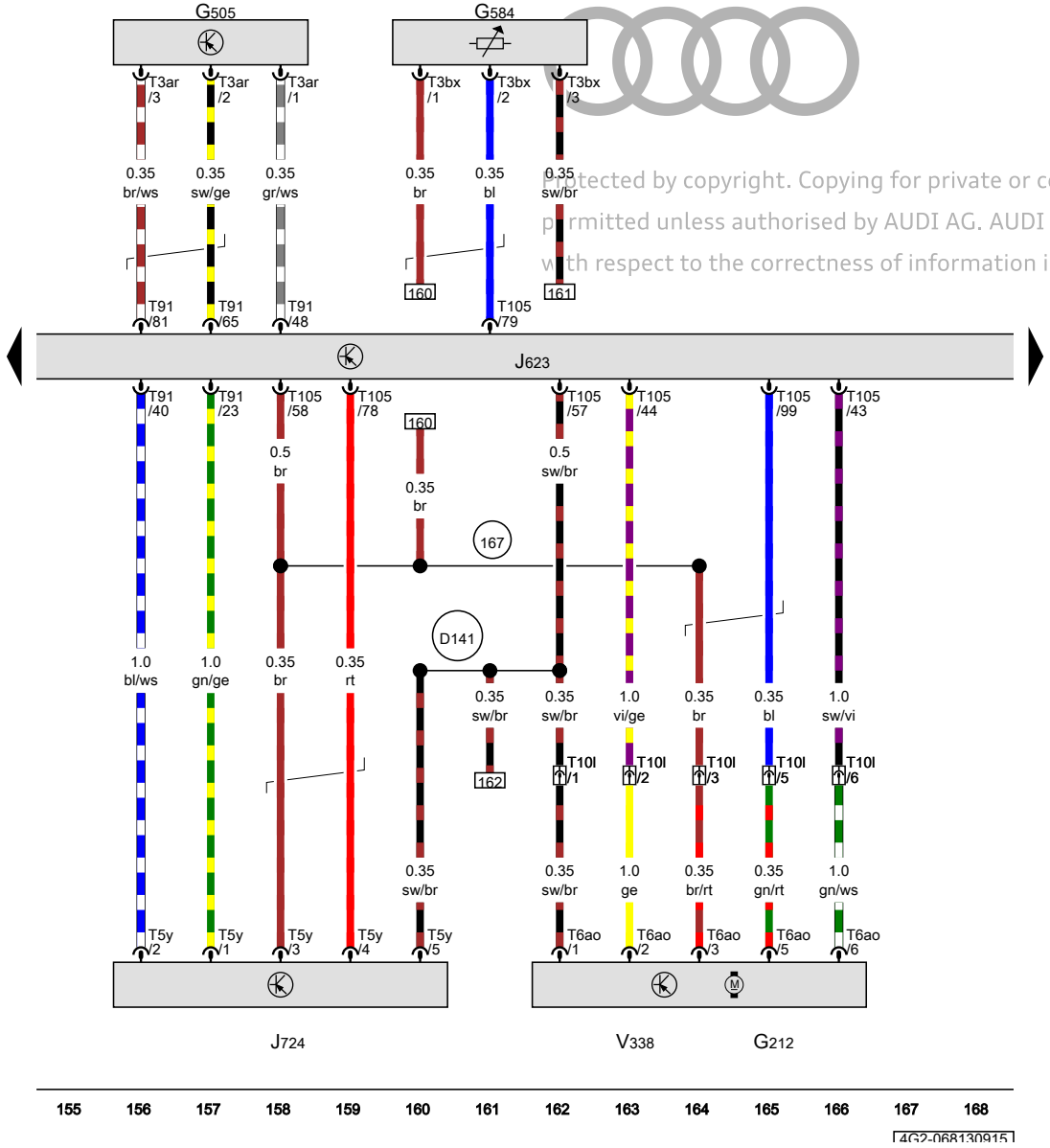


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Pressure differential sender, Regulating flap potentiometer, Engine control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

G212	Exhaust gas recirculation potentiometer
G505	Pressure differential sender
G584	Regulating flap potentiometer
J623	Engine control unit
J724	Turbocharger 1 control unit
T3ar	3-pin connector
T3bx	3-pin connector
T5y	5-pin connector
T6ao	6-pin connector
T10l	10-pin connector, on right in engine compartment
T91	91-pin connector
T105	105-pin connector
V338	Exhaust gas recirculation control motor
167	Earth connection 4, in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

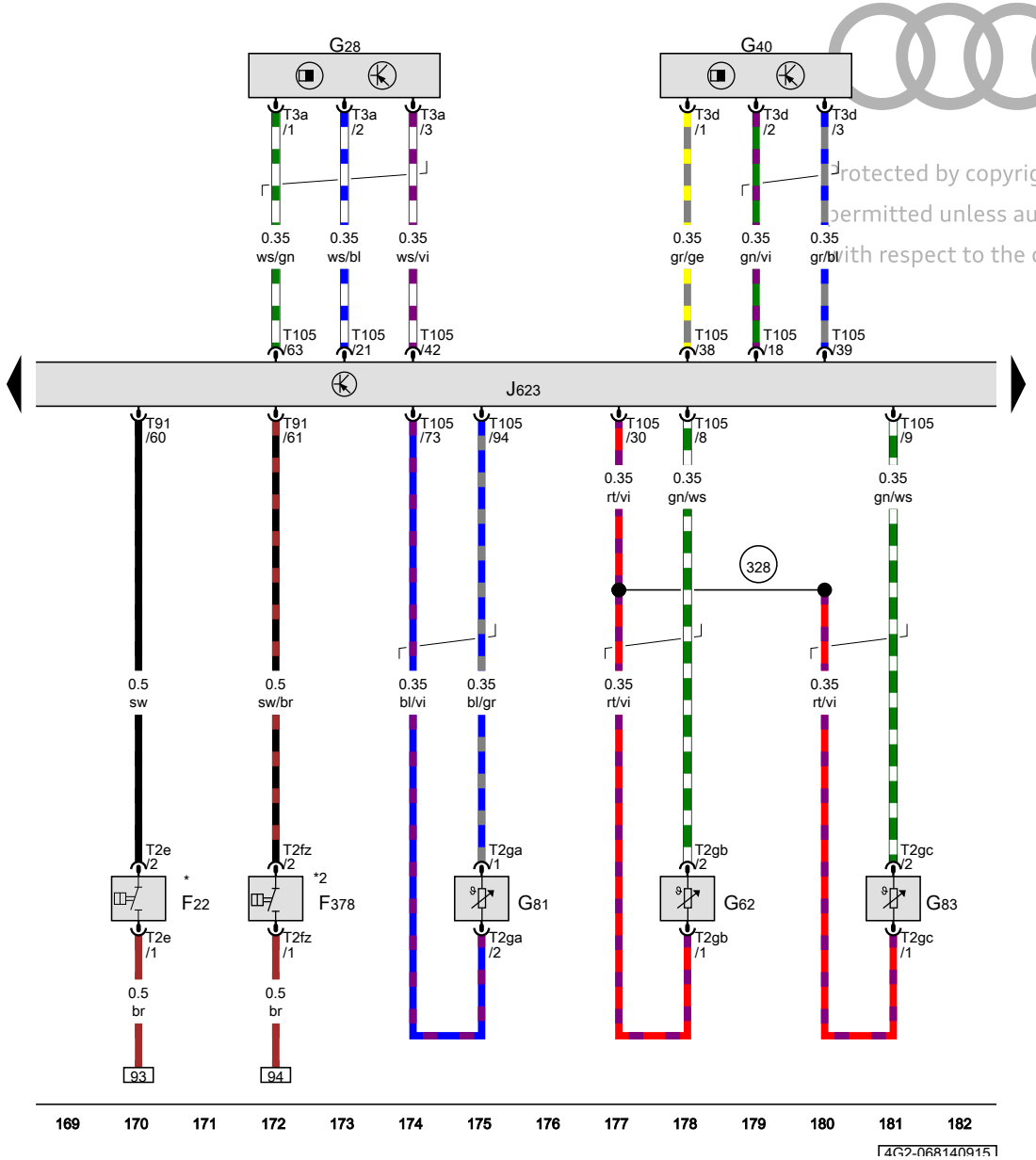


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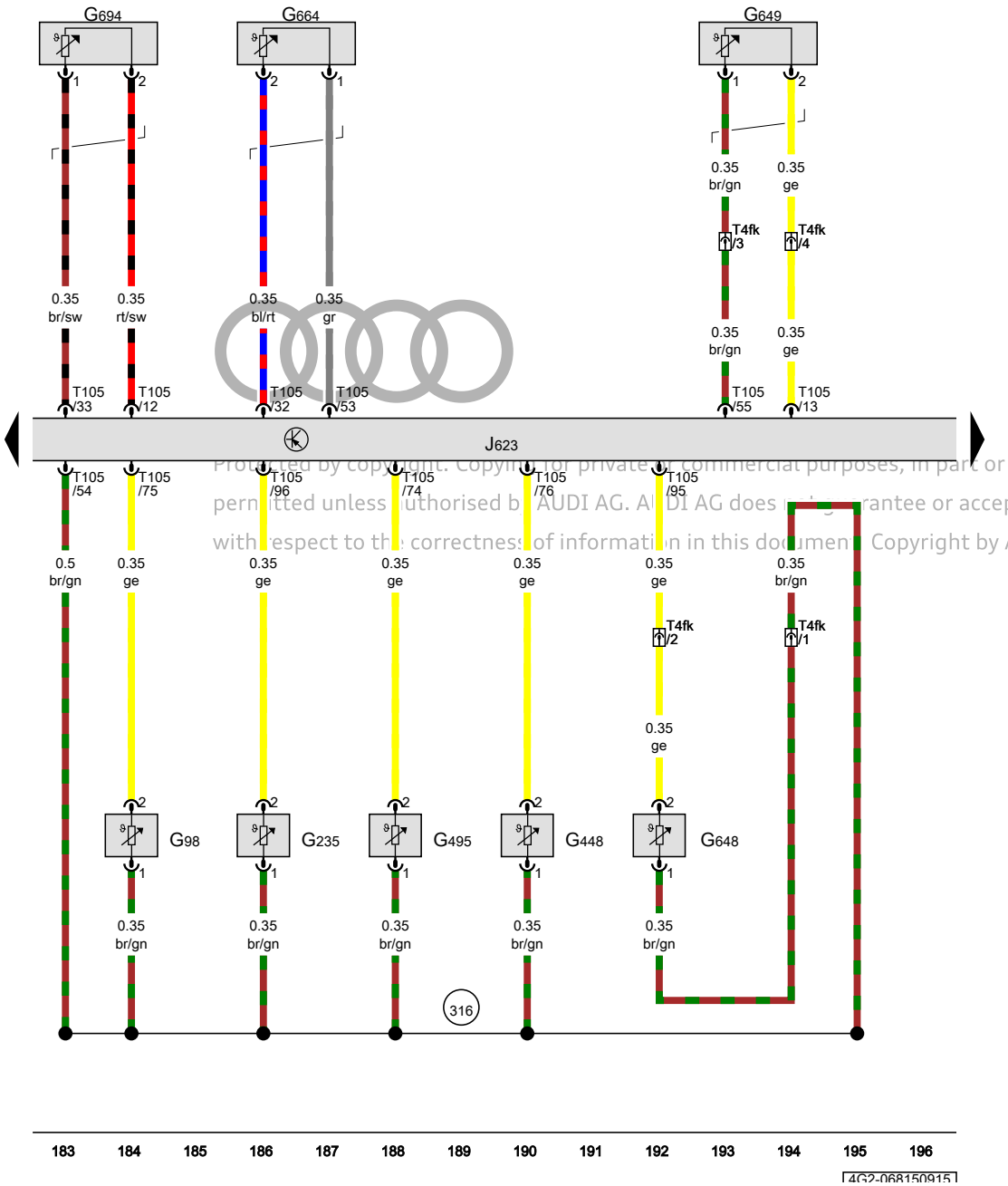
Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
T2e	2-pin connector
T2fz	2-pin connector
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T3a	3-pin connector
T3d	3-pin connector
T91	91-pin connector
T105	105-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
*	2.6 bar
*2	0.9 bar



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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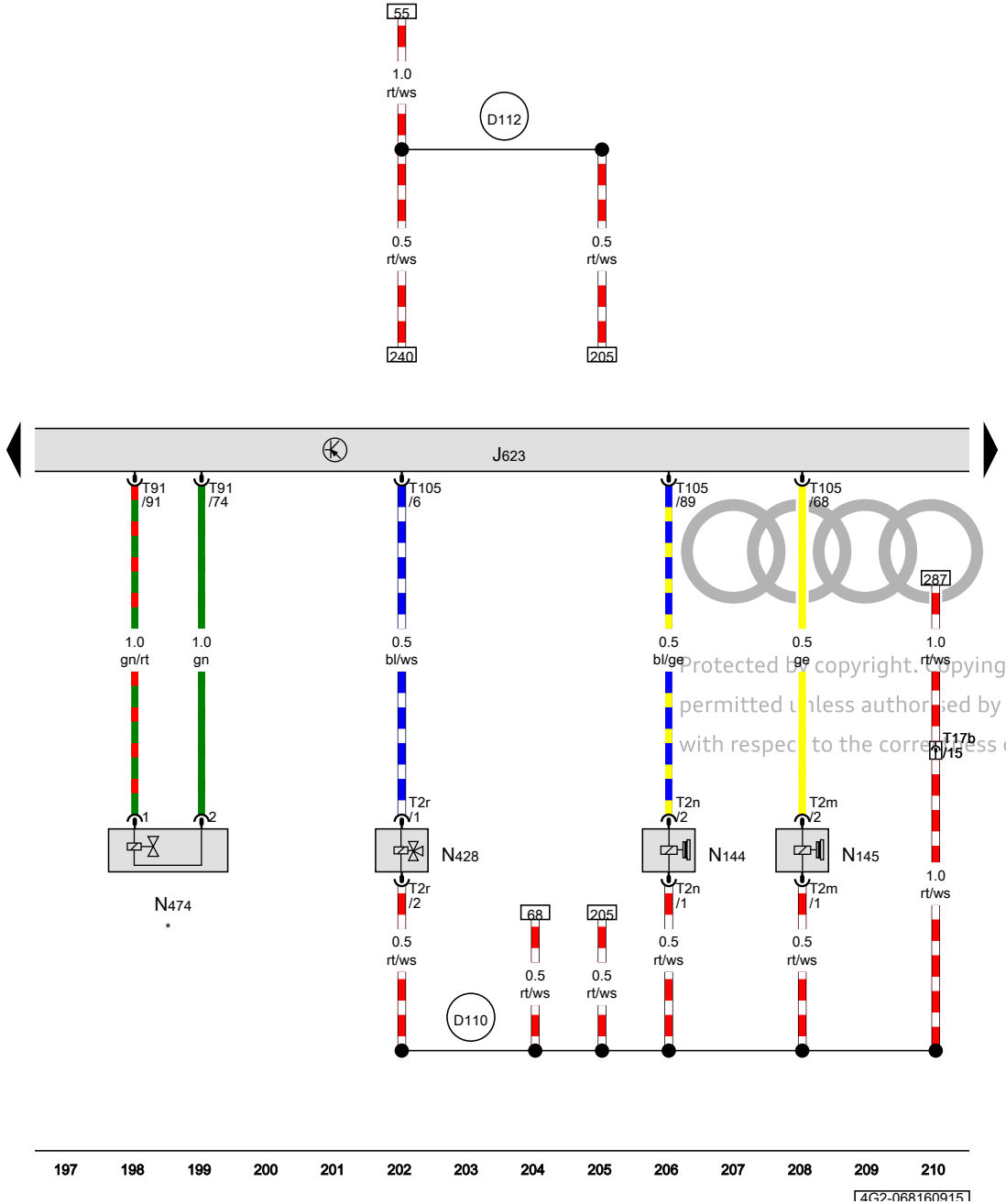
Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 4, Exhaust gas temperature sender 4 for bank 2, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine control unit

G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G649	Exhaust gas temperature sender 4 for bank 2
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T4fk	4-pin connector, in engine compartment
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness

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sw	=	black
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control, Injector for reducing agent

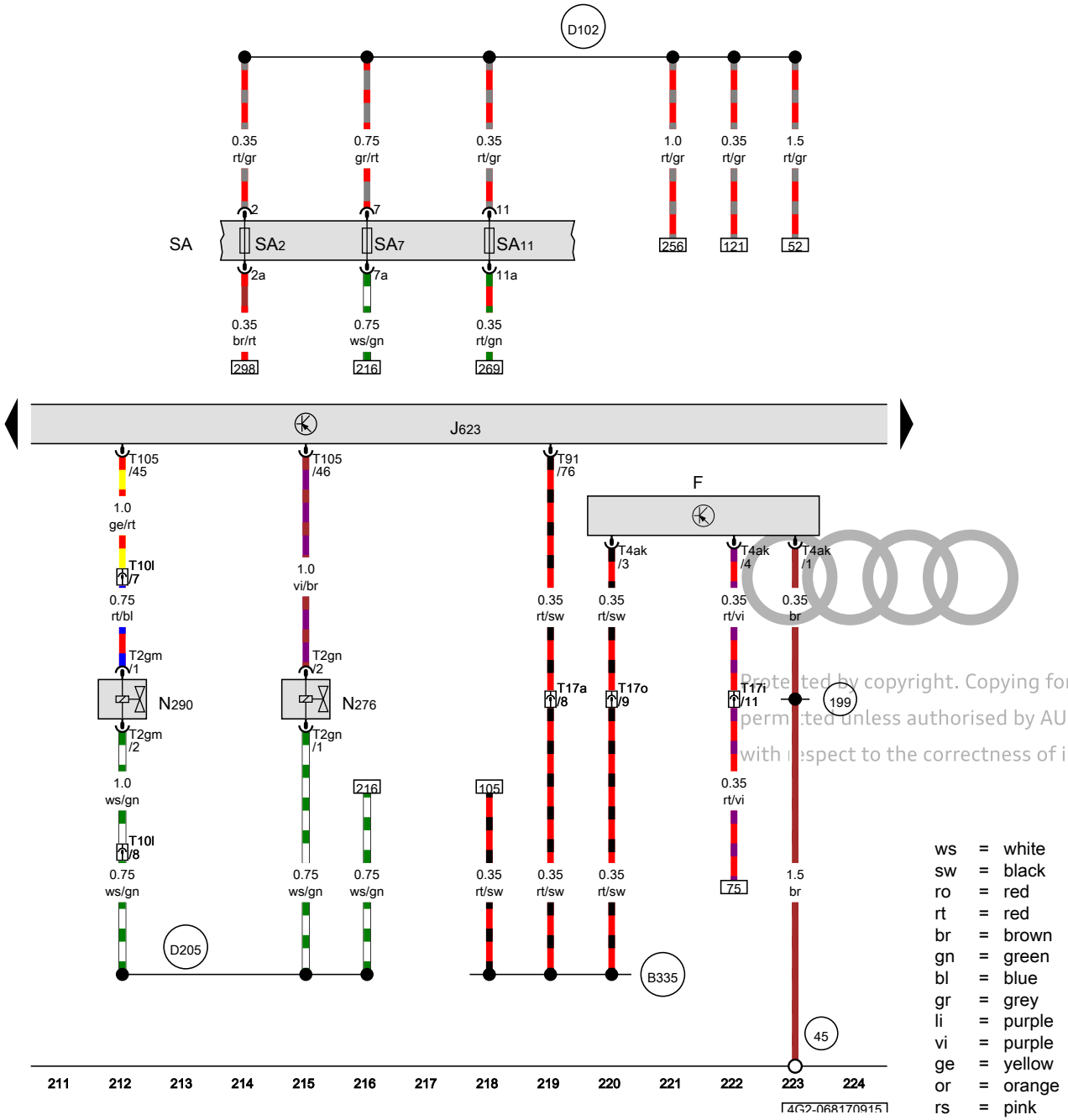
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N474	Injector for reducing agent
T2m	2-pin connector
T2n	2-pin connector
T2r	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Only models with Euro 6 emission standard



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Brake light switch, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



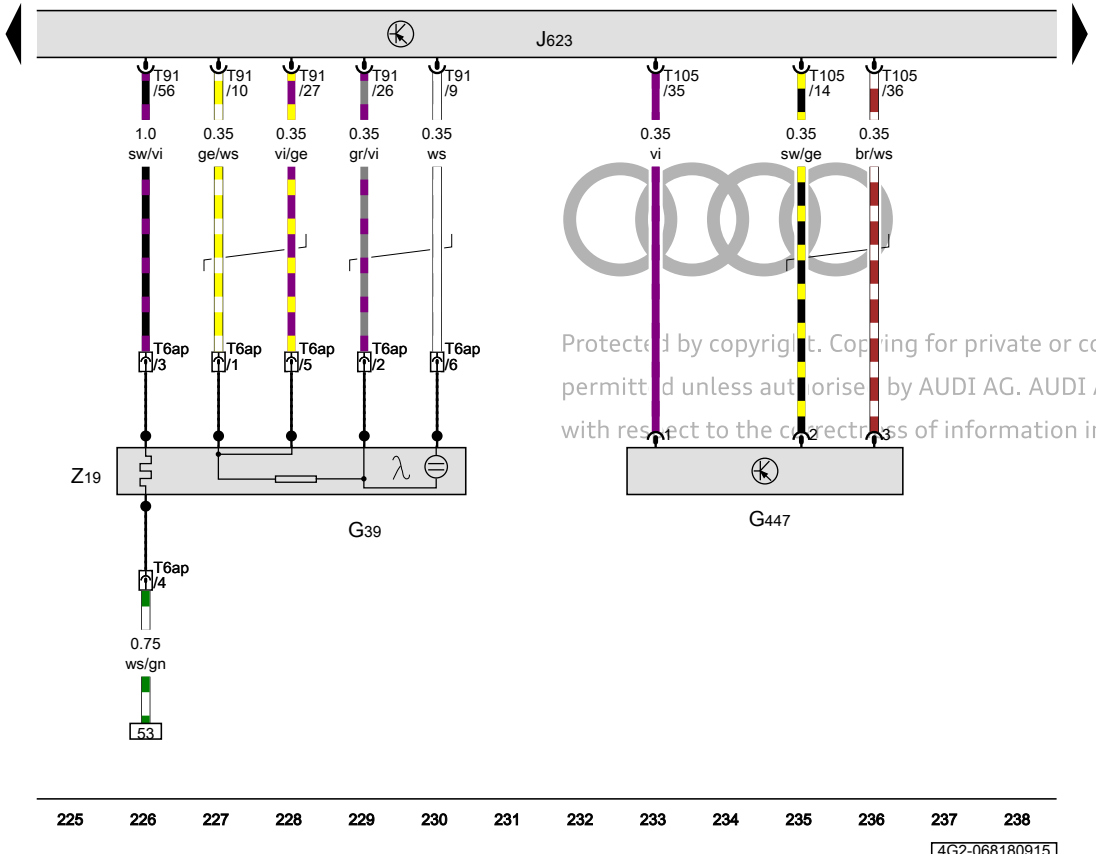
F	Brake light switch
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA7	Fuse 7 in fuse holder A
SA11	Fuse 11 in fuse holder A
T2gm	2-pin connector
T2gn	2-pin connector
T4ak	4-pin connector
T10l	10-pin connector, on right in engine compartment
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T91	91-pin connector
T105	105-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness

ws	=	white
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Lambda probe, Charge pressure sender 2, Engine control unit, Lambda probe heater

G39	Lambda probe
G447	Charge pressure sender 2
J623	Engine control unit
T6ap	6-pin connector, brown
T91	91-pin connector
T105	105-pin connector
Z19	Lambda probe heater



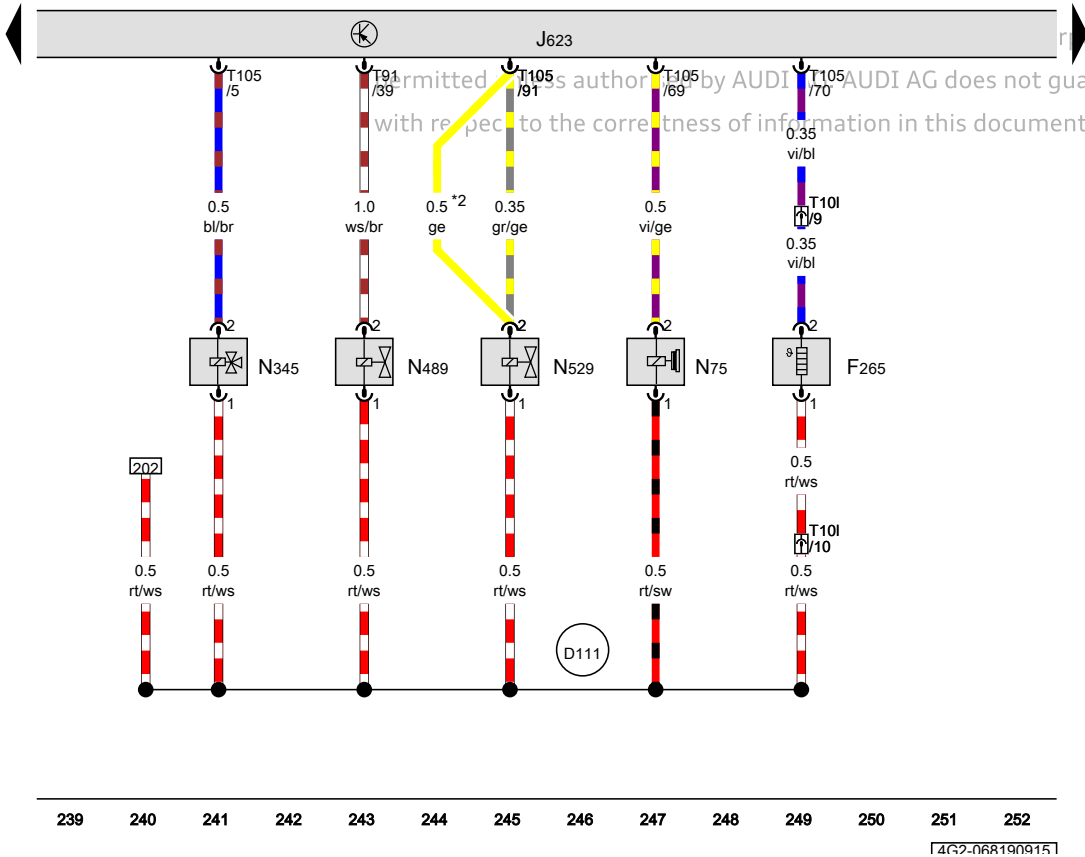
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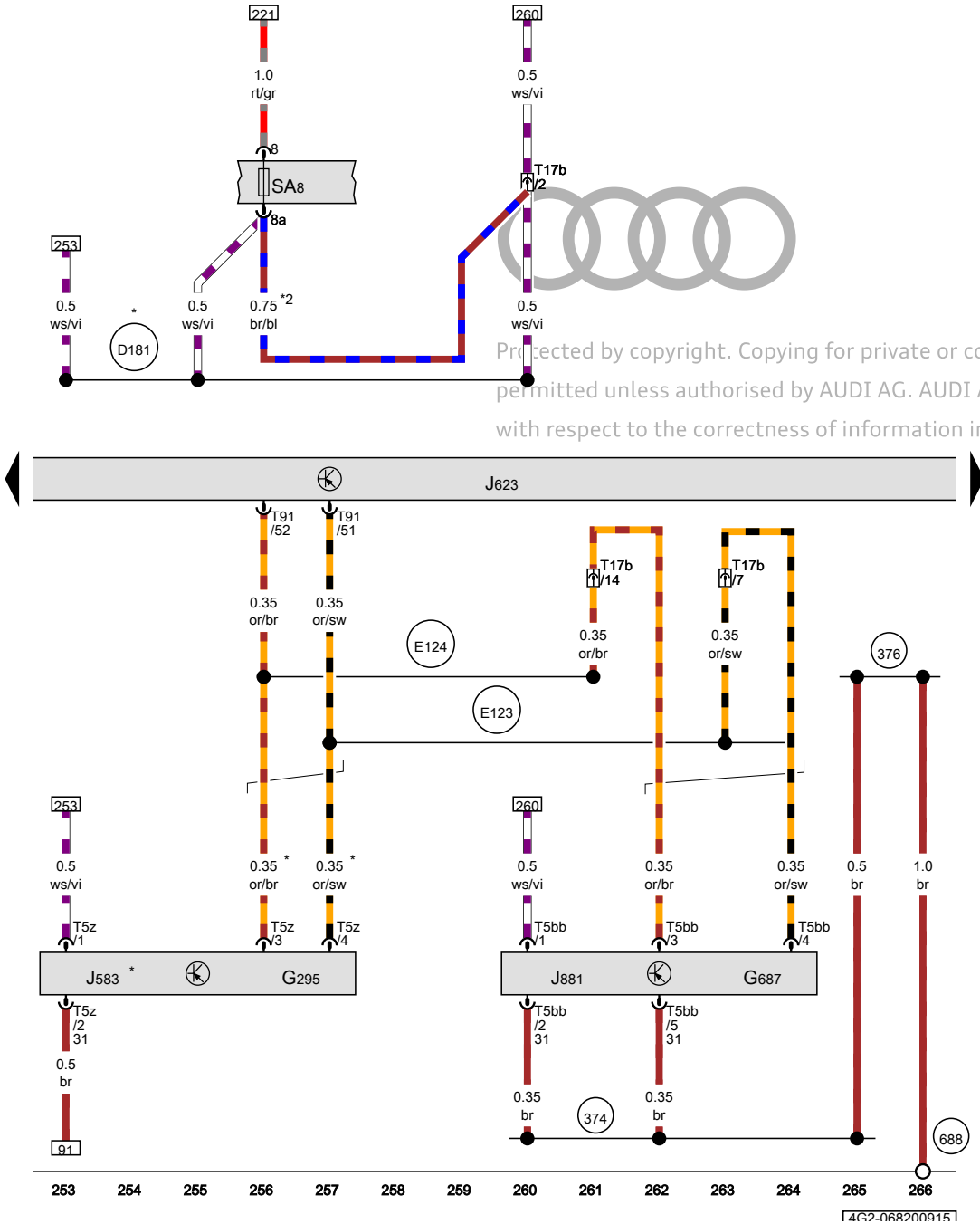
Map-controlled engine cooling system thermostat, Engine control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Coolant valve for cylinder head, Turbine changeover valve

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
N489	Coolant valve for cylinder head
N529	Turbine changeover valve
T10l	10-pin connector, on right in engine compartment
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	gradual introduction

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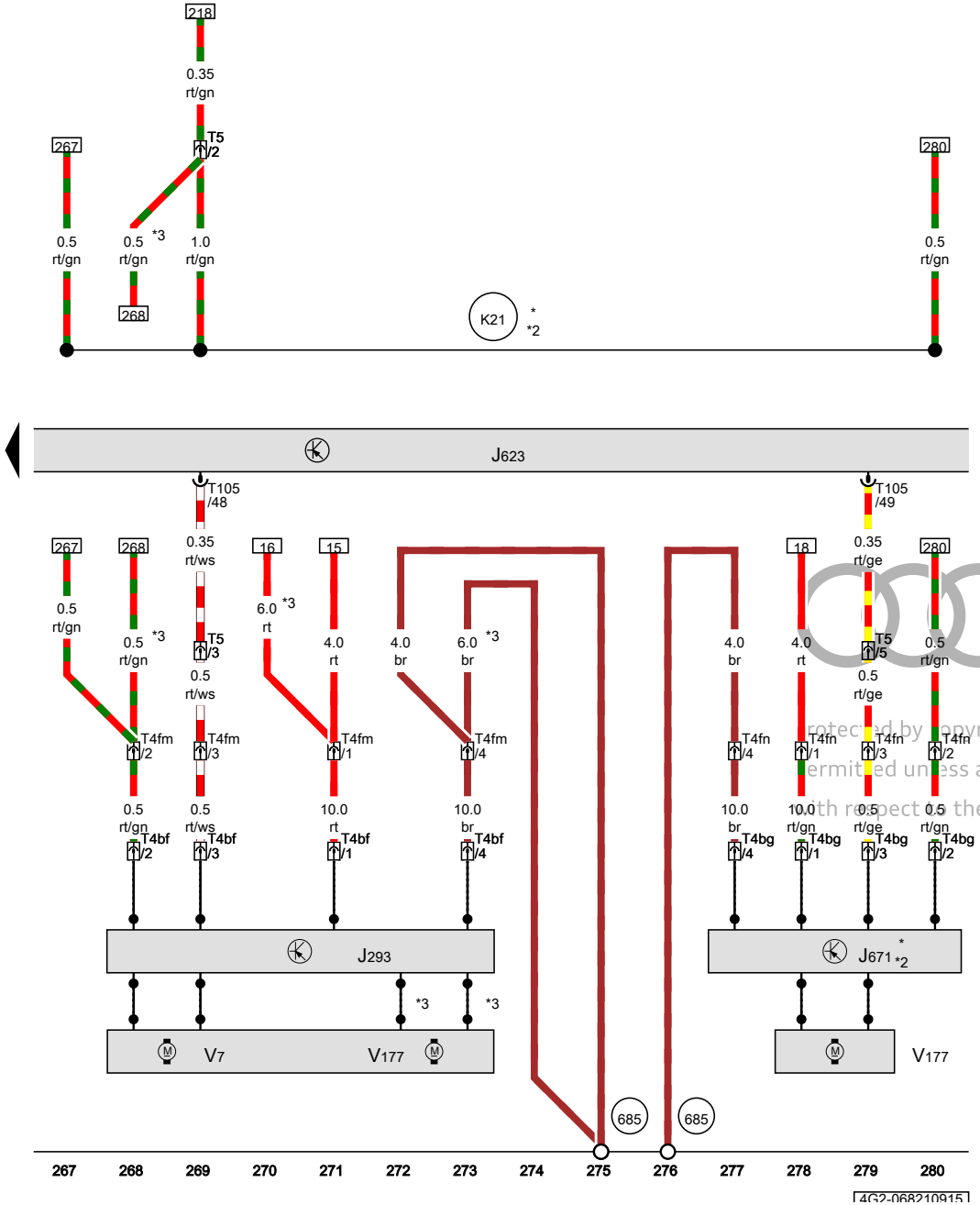


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Control unit for NOx sender, Engine control unit, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
J583	Control unit for NOx sender
J623	Engine control unit
J881	Control unit for NOx sender 2
SA8	Fuse 8 in fuse holder A
T5bb	5-pin connector
T5z	5-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
D181	Connection 2 (87a) in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only models with BIN5/ULEV emission standard
*2	Only models with Euro 6 emission standard

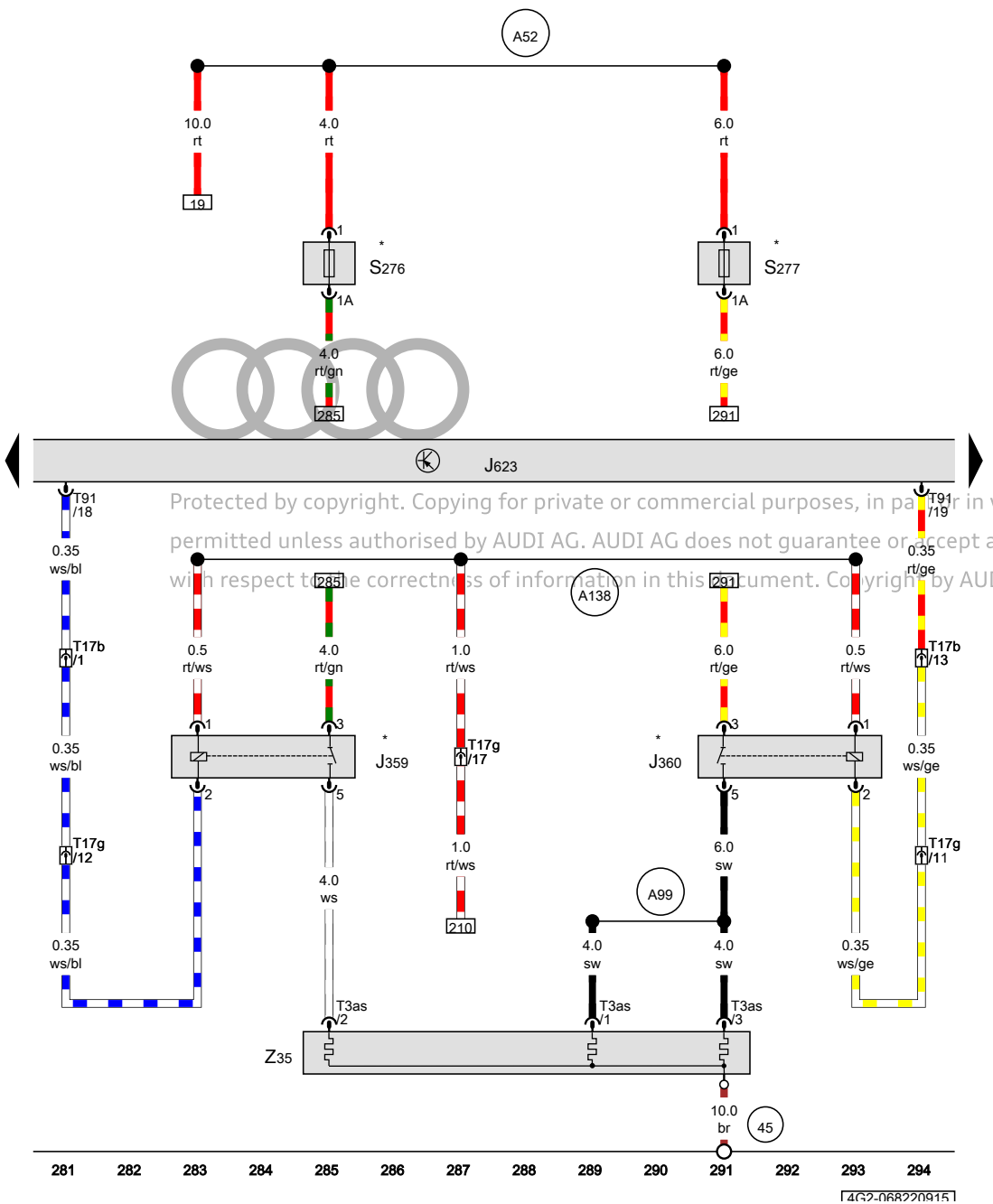


Radiator fan control unit, Engine control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T105	105-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1 at front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Hot country version
*2	Only models with trailer socket
*3	Only models with Tiptronic

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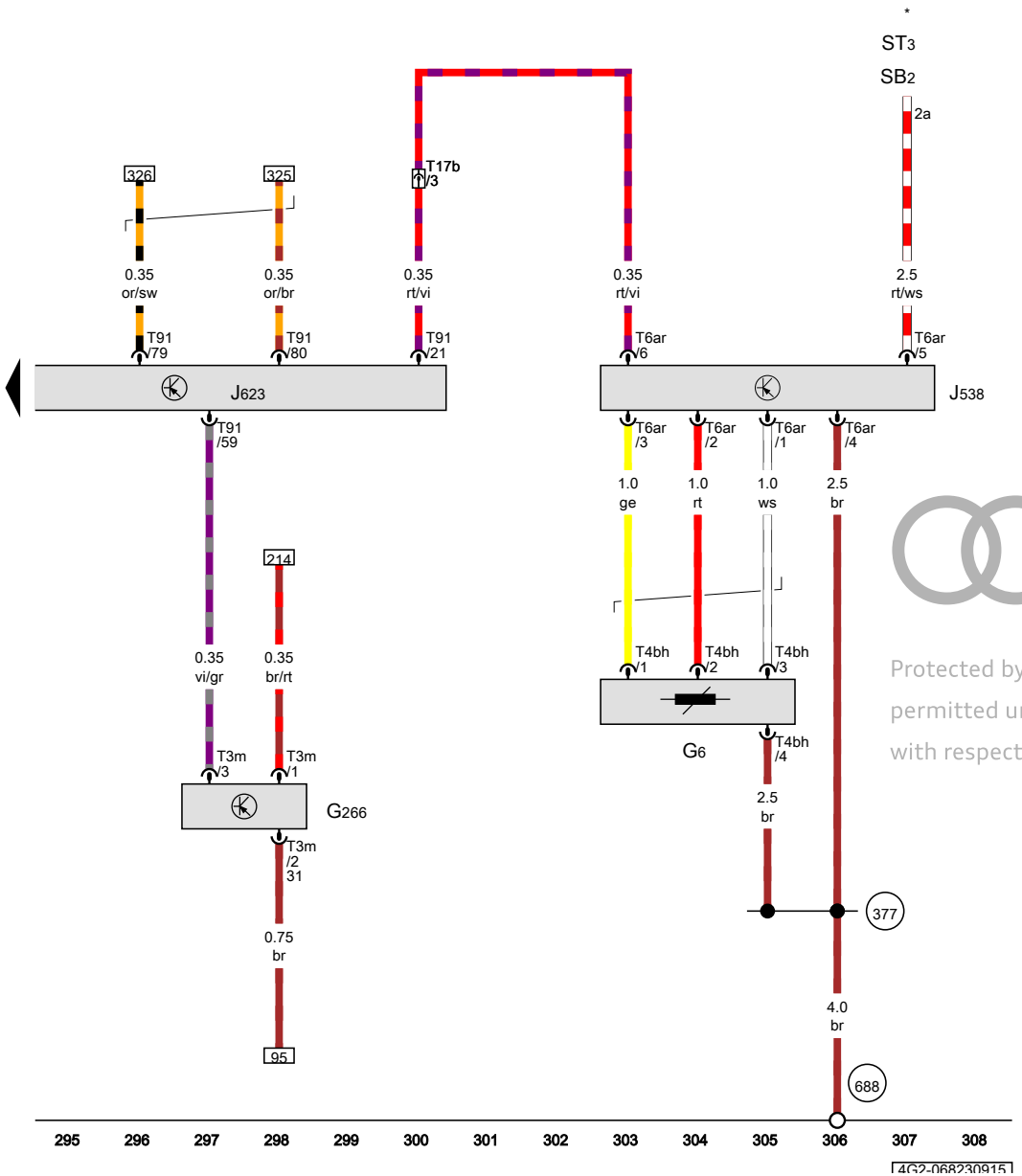
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Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17g	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel

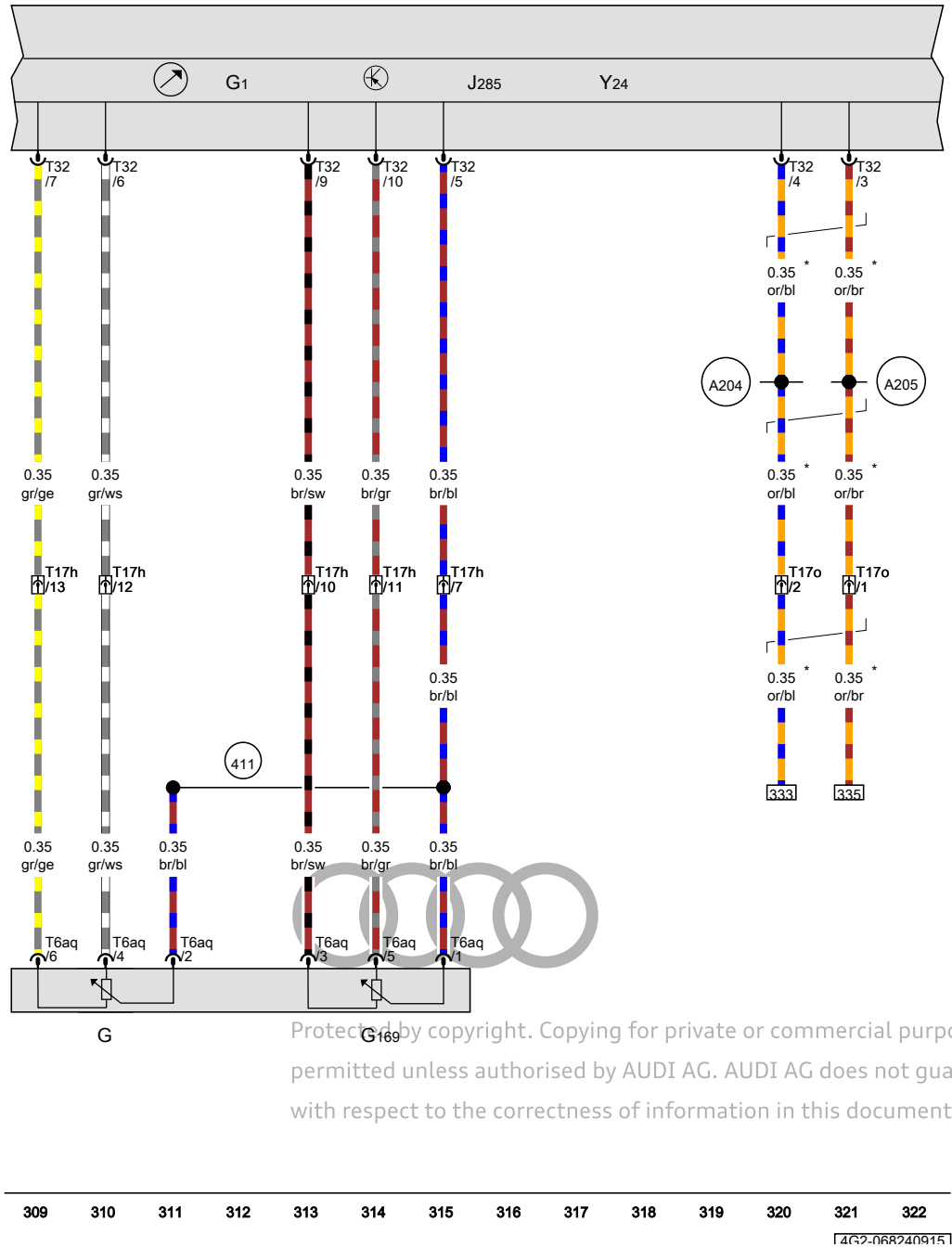
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment



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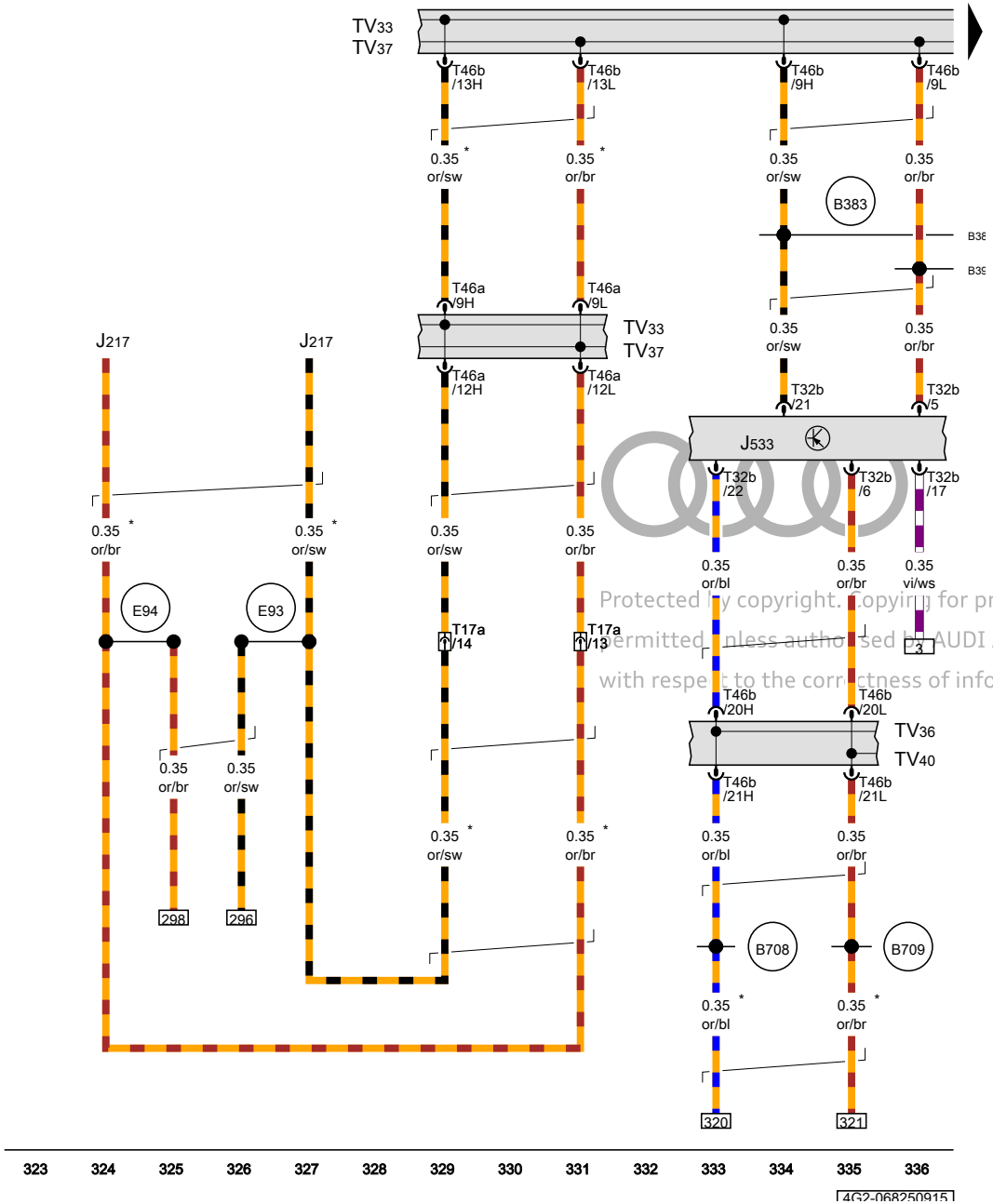


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber
T32b 32-pin connector
T46a 46-pin connector
T46b 46-pin connector
TV33 Wiring junction for powertrain CAN bus, high
TV36 Wiring junction for dash panel insert CAN bus, high
TV37 Wiring junction for powertrain CAN bus, low
TV40 Wiring junction for dash panel insert CAN bus, low

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B708 Connection 1 (dash panel insert CAN bus high) in main wiring harness

B709 Connection 1 (dash panel insert CAN bus low) in main wiring harness

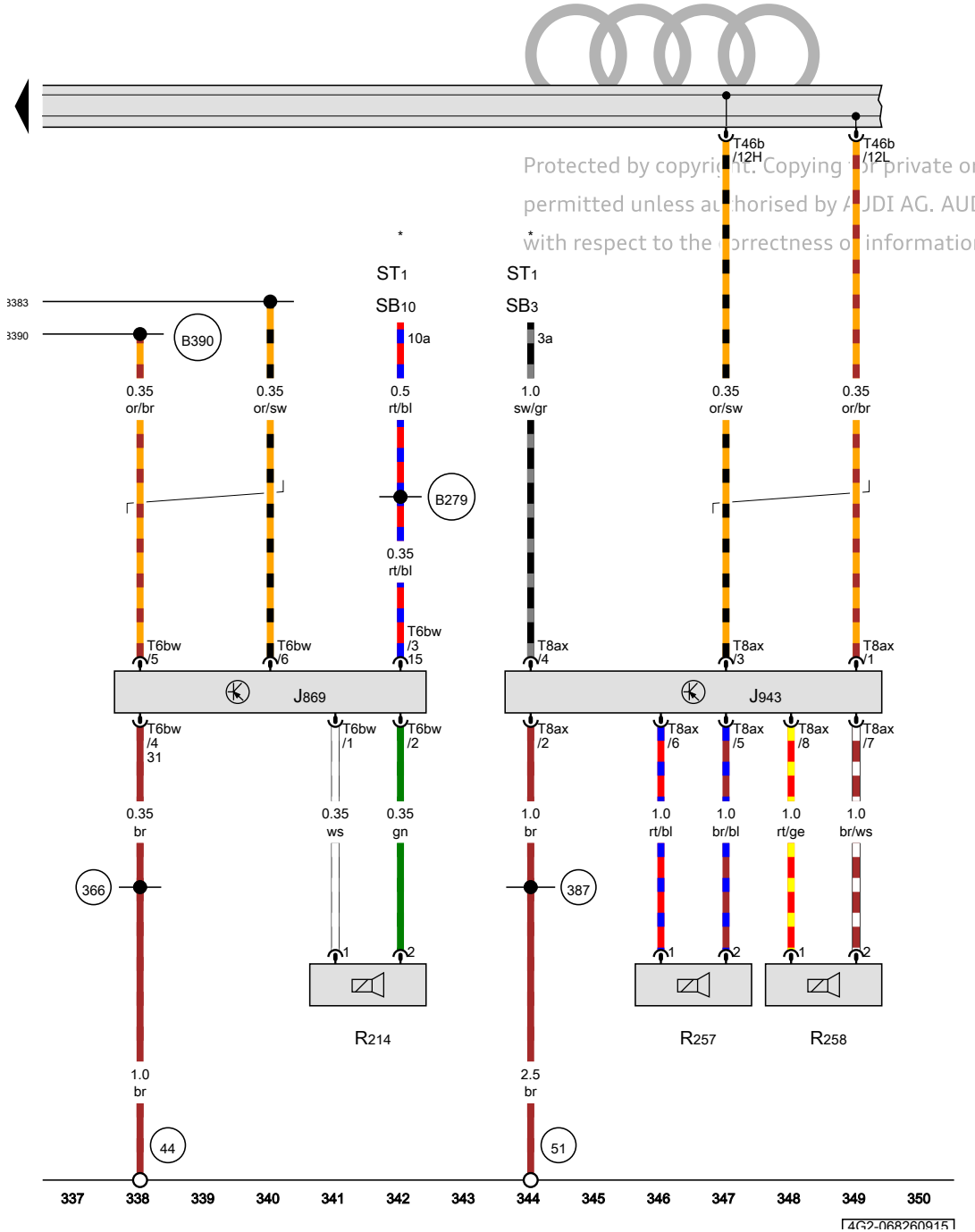
E93 Connection 1 (CAN bus high), in engine wiring harness

E94 Connection 1 (CAN bus low), in engine wiring harness

* Data bus wire (CAN bus)

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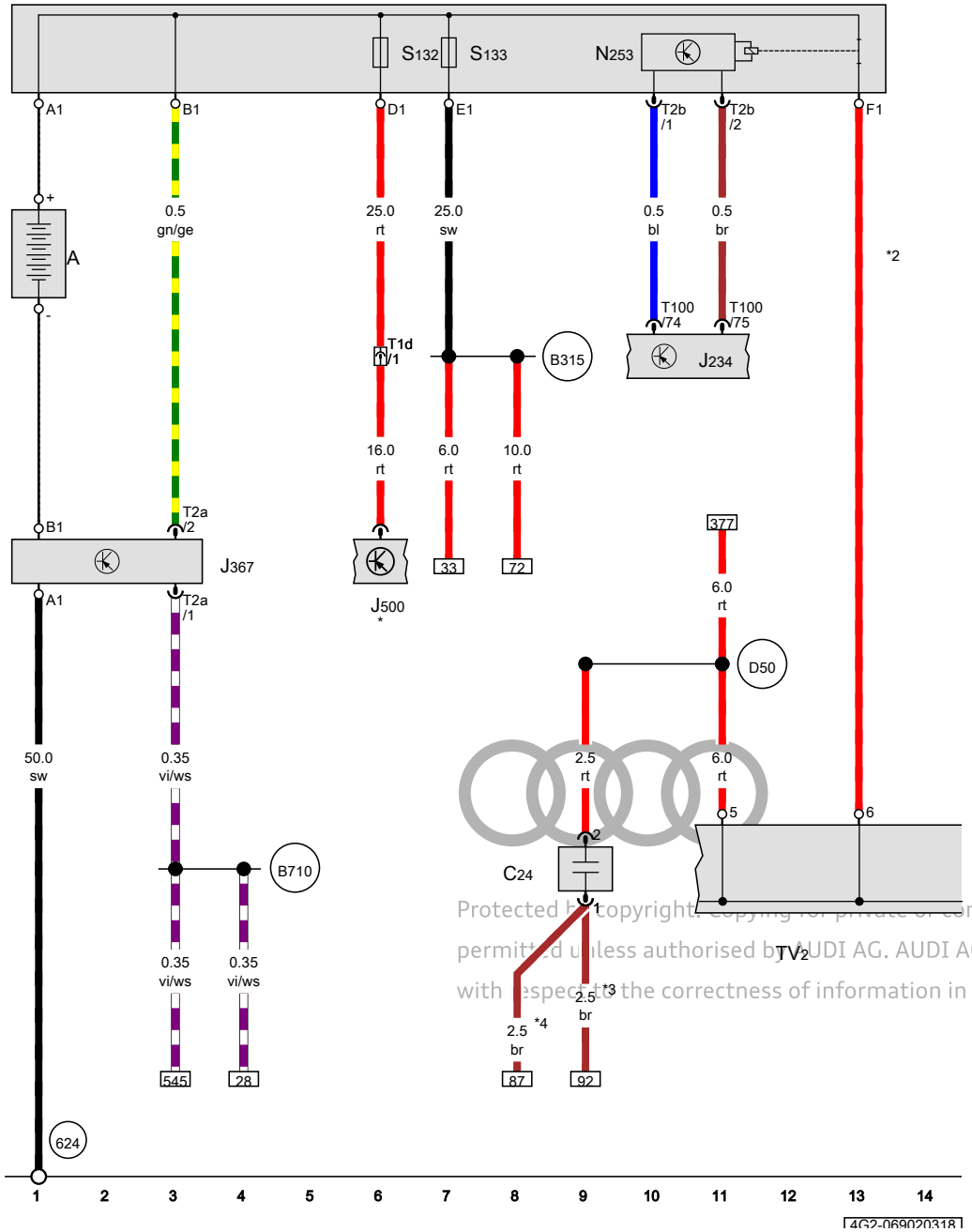
Control unit for structure-borne sound, Engine sound generator control unit, Actuator for structure-borne sound, Actuator 1 for engine sound generator

J869	Control unit for structure-borne sound
J943	Engine sound generator control unit
R214	Actuator for structure-borne sound
R257	Actuator 1 for engine sound generator
R258	Actuator 2 for engine sound generator
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB10	Fuse 10 on fuse holder B
T6bw	6-pin connector
T8ax	8-pin connector
T46b	46-pin connector
44	Earth point, lower part of left A-pillar
51	Earth point, on right in luggage compartment
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

4.0l petrol engine , CEUC,CEUD,CTGE

From June 2011

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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

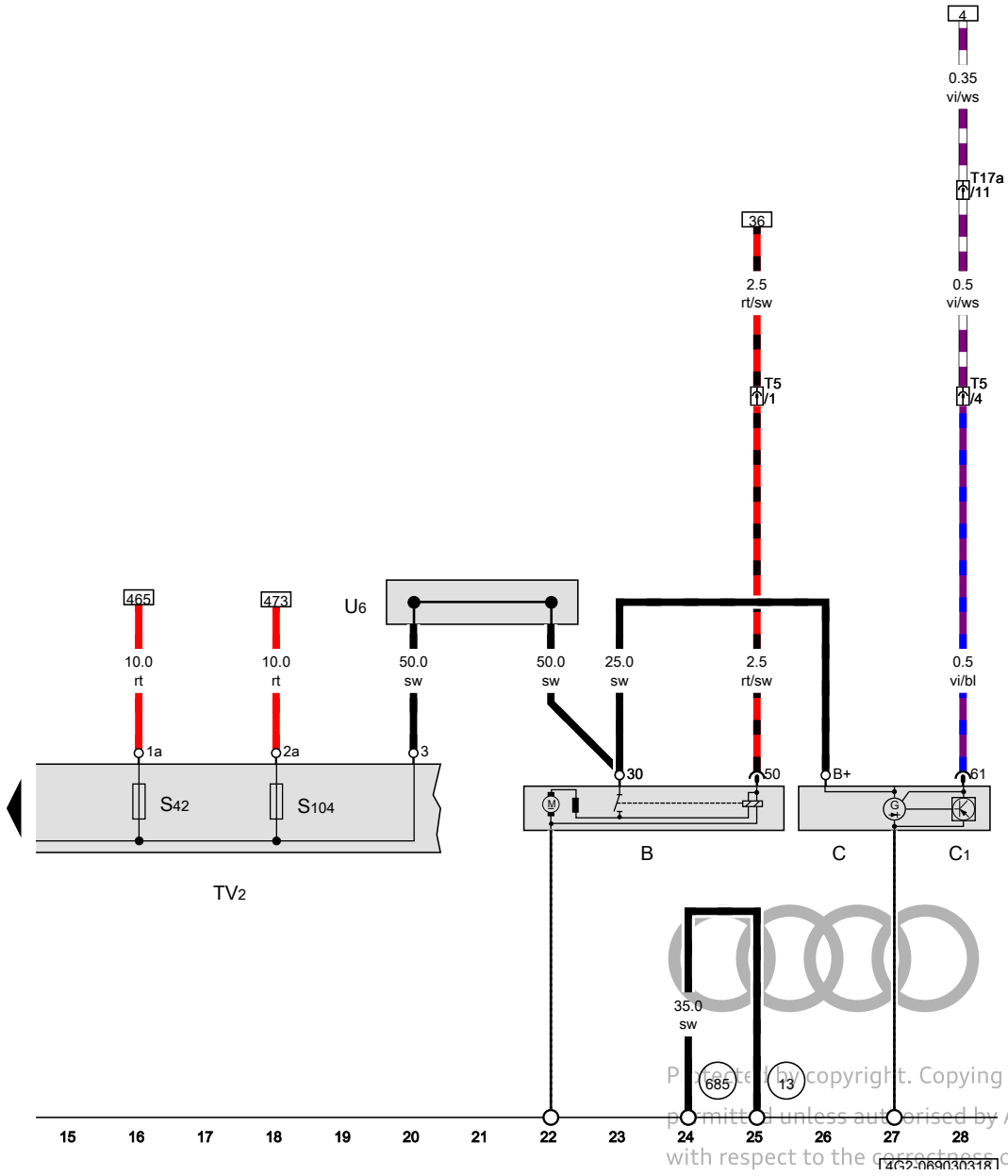
A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram
*2	Flat conductor
*3	From June 2014
*4	Up to May 2014

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Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member



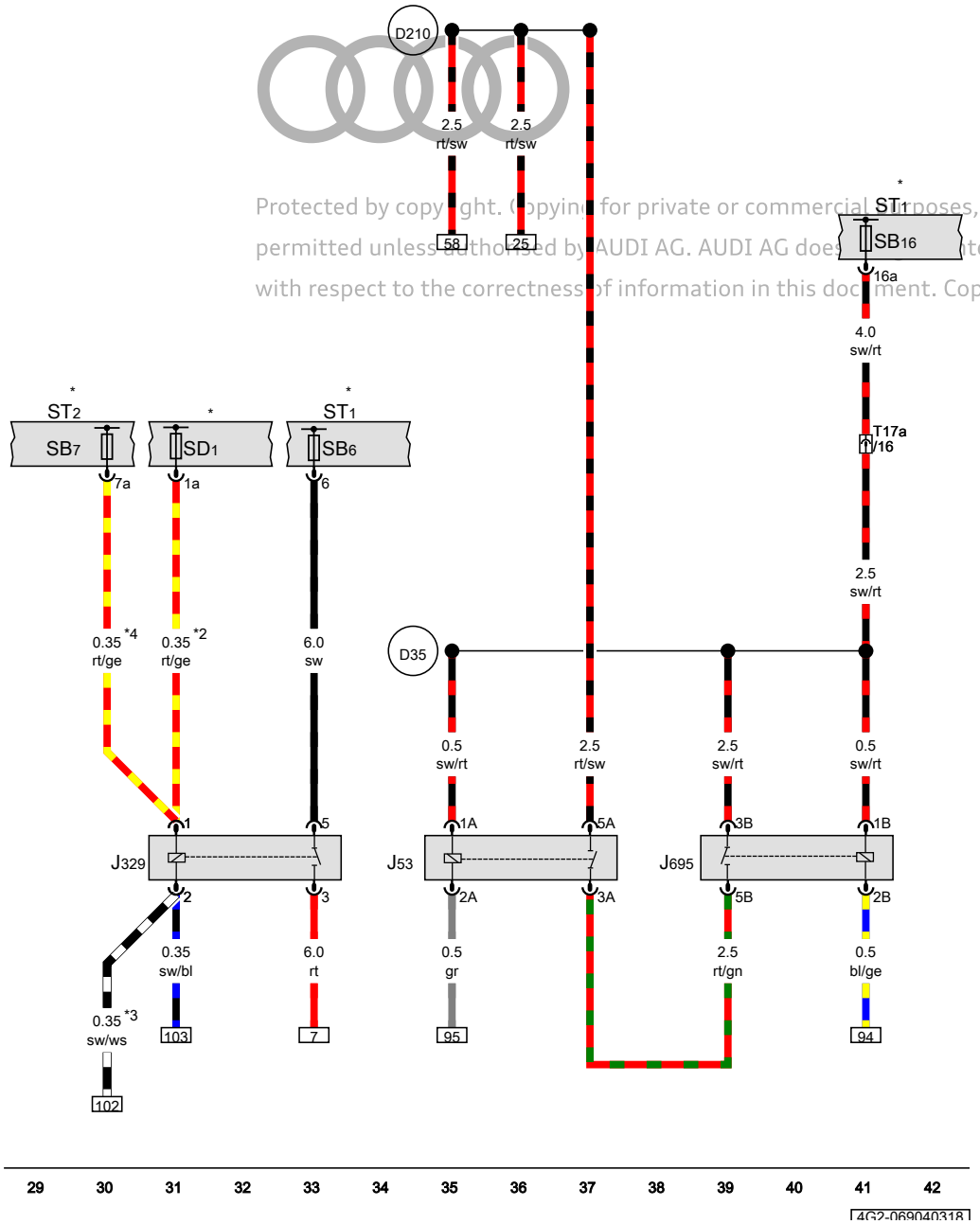
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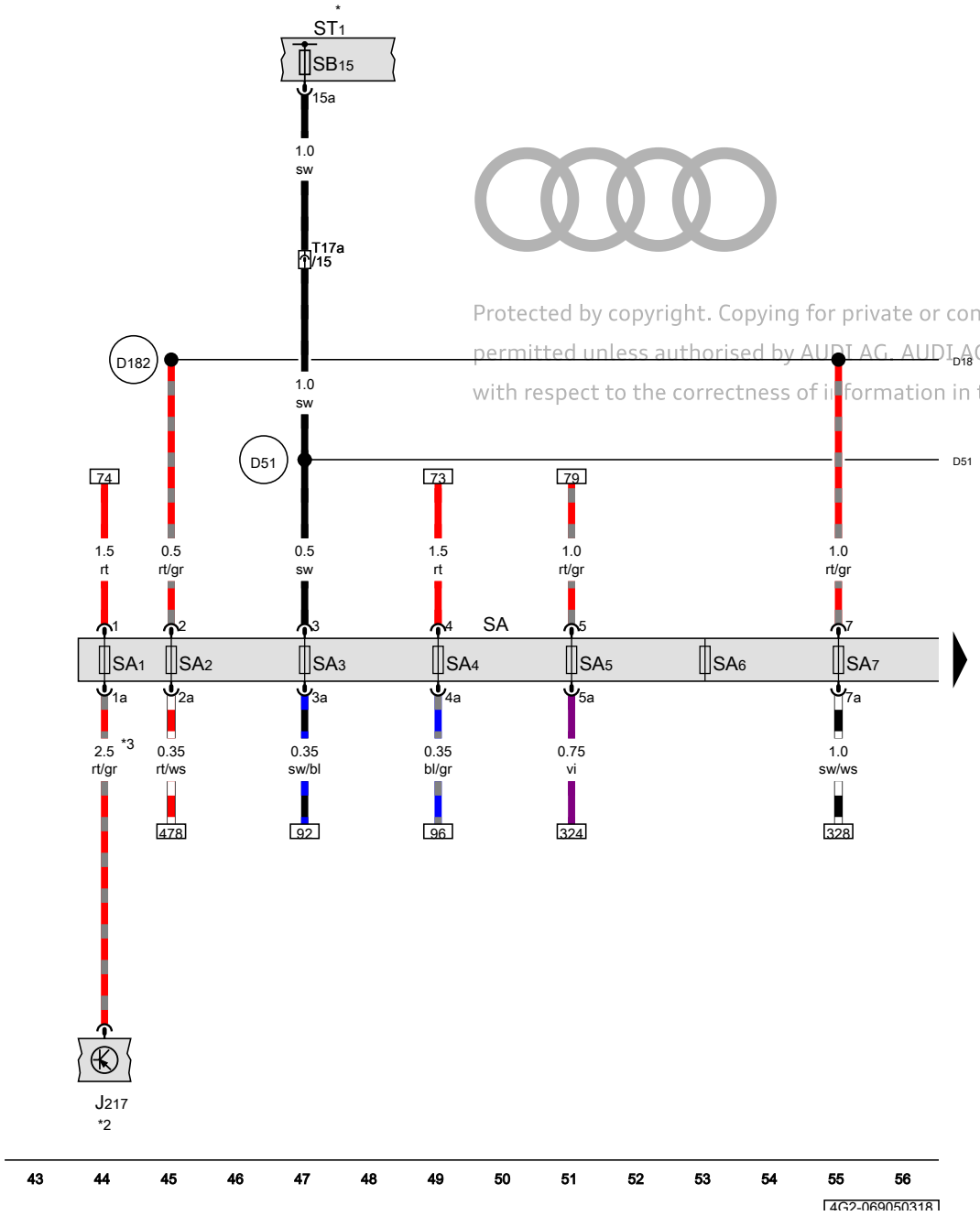
Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
SD1	Fuse 1 on fuse holder D
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to May 2014
*3	For right-hand drive models
*4	From June 2014

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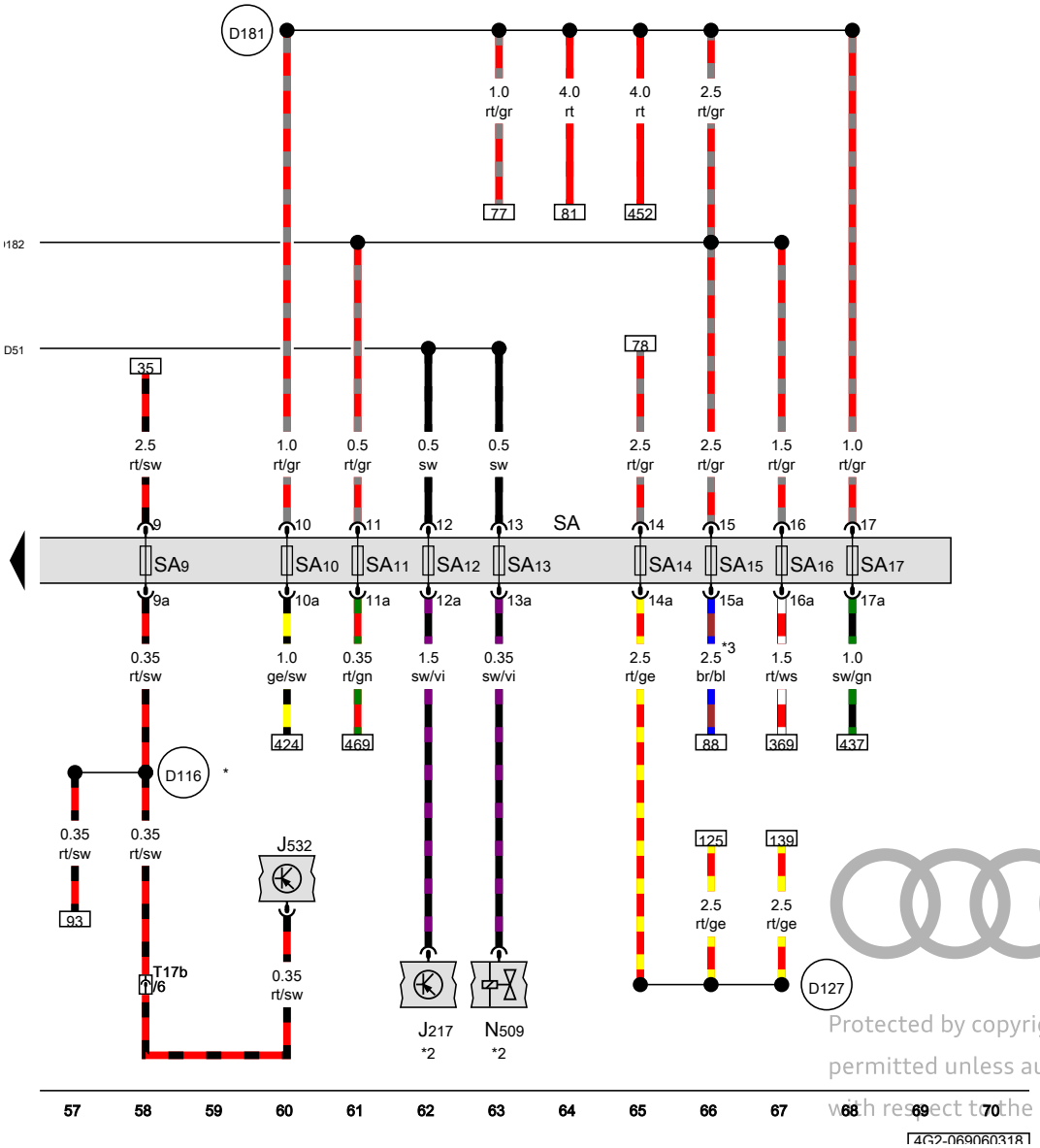


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D51	Positive connection 1 (15), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for automatic gearbox
*3	Cross section depends on equipment

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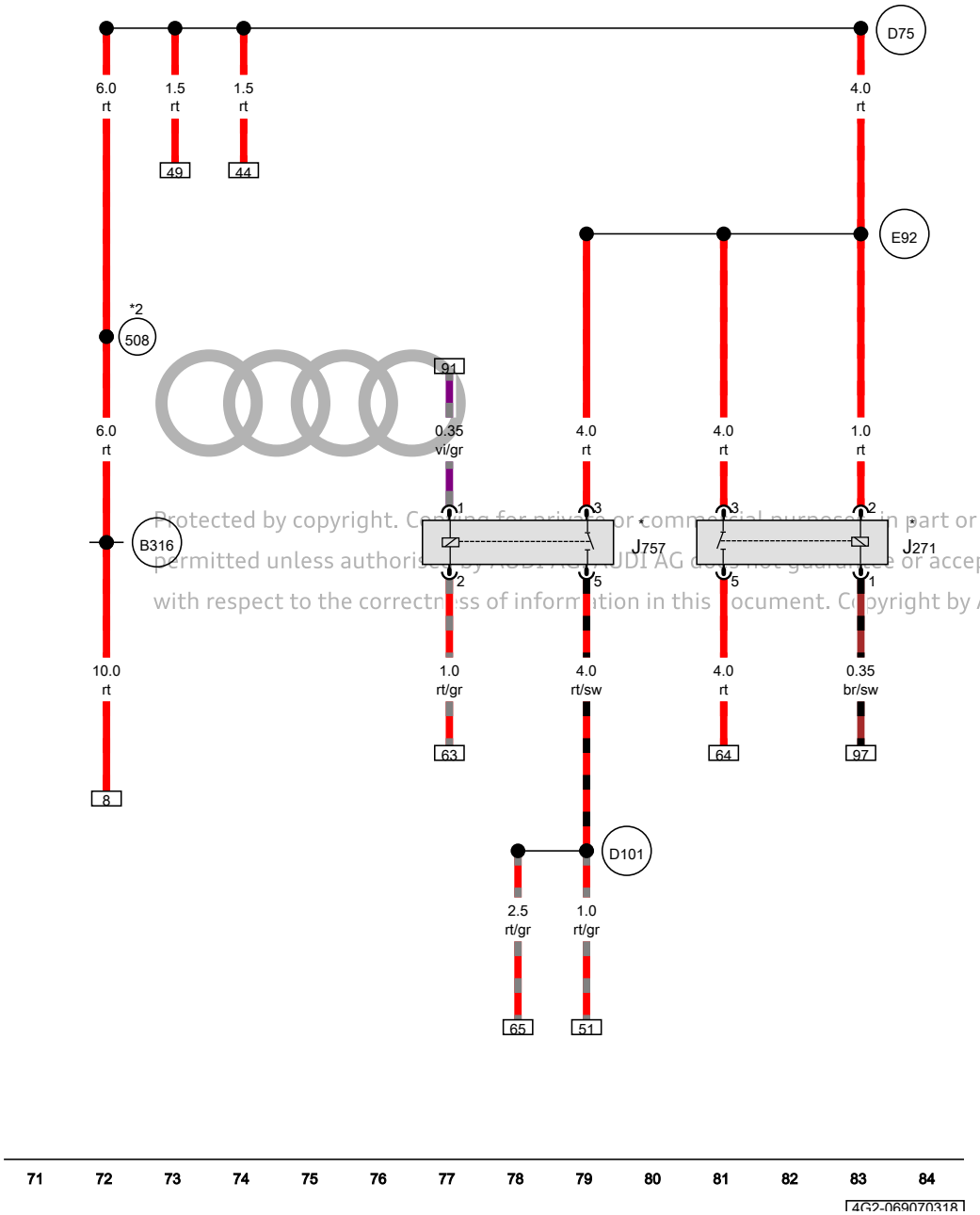


Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D127	Connection 25 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	gradual introduction

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Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

508 Threaded connection (30) on E-box

B316 Positive connection 2 (30a) in main wiring harness

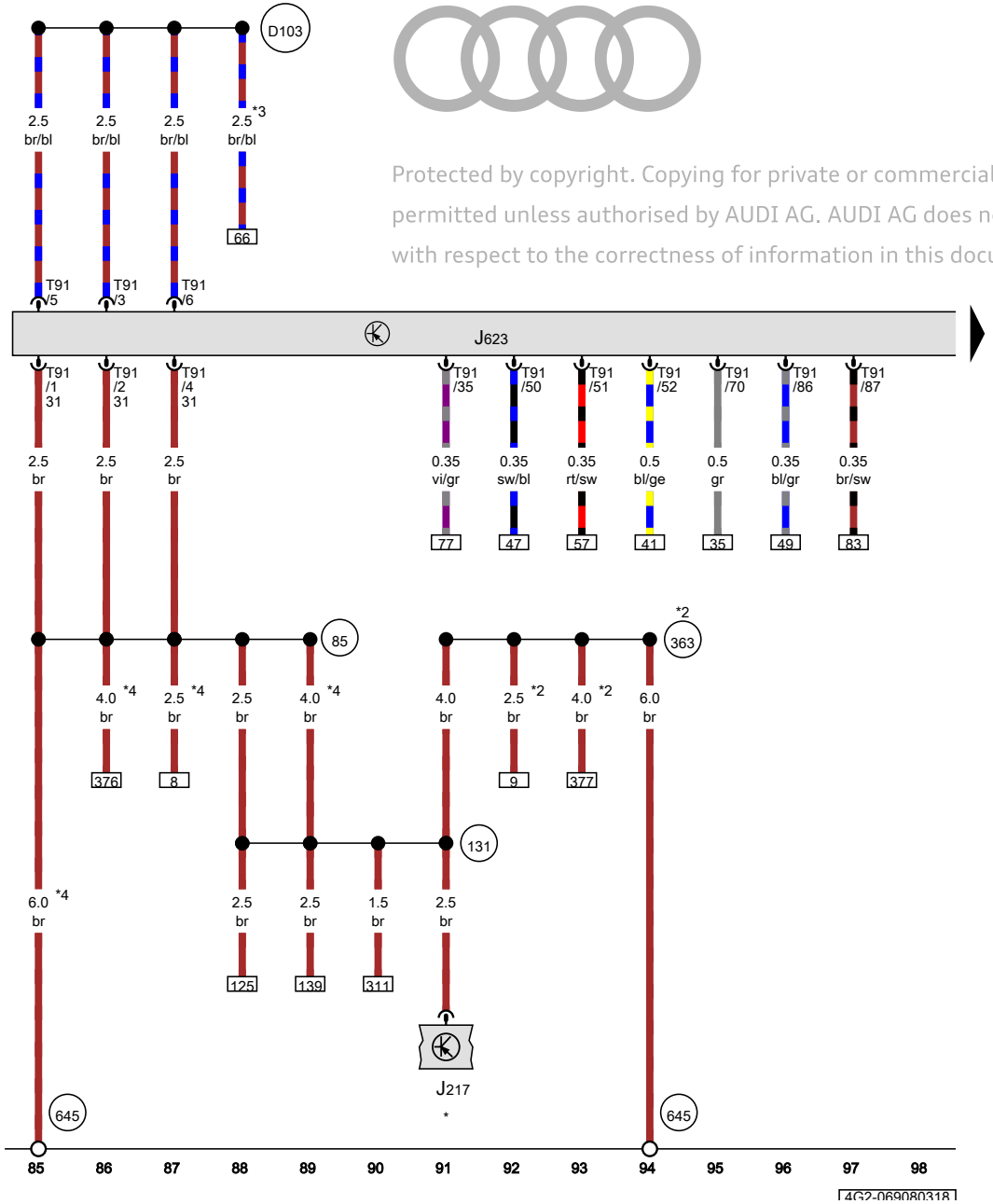
D75 Positive connection 2 (30), in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

E92 Positive connection 3 (30), in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber

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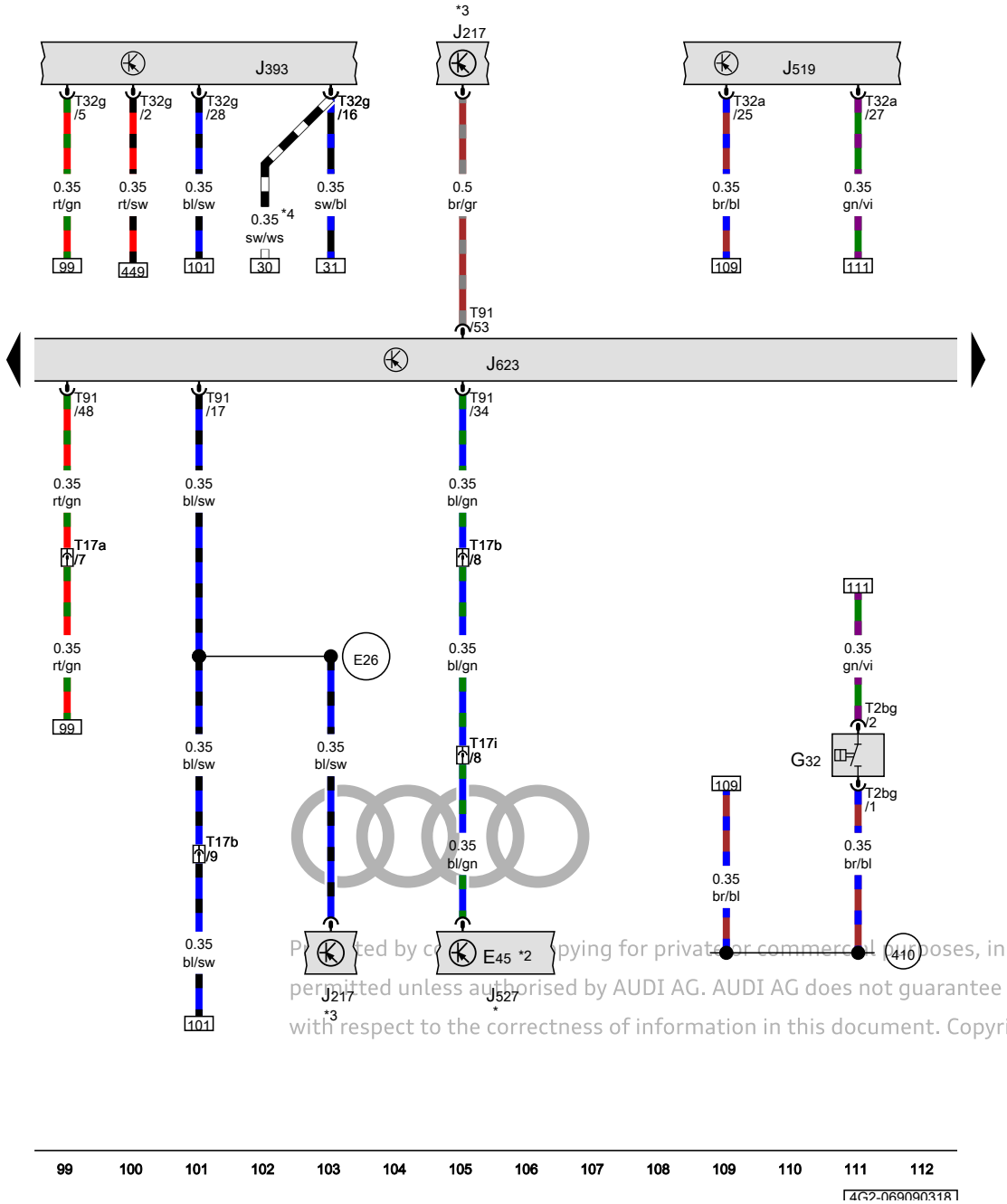


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Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T91	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
363	Earth connection 8, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	From June 2014
*3	gradual introduction
*4	Up to May 2014

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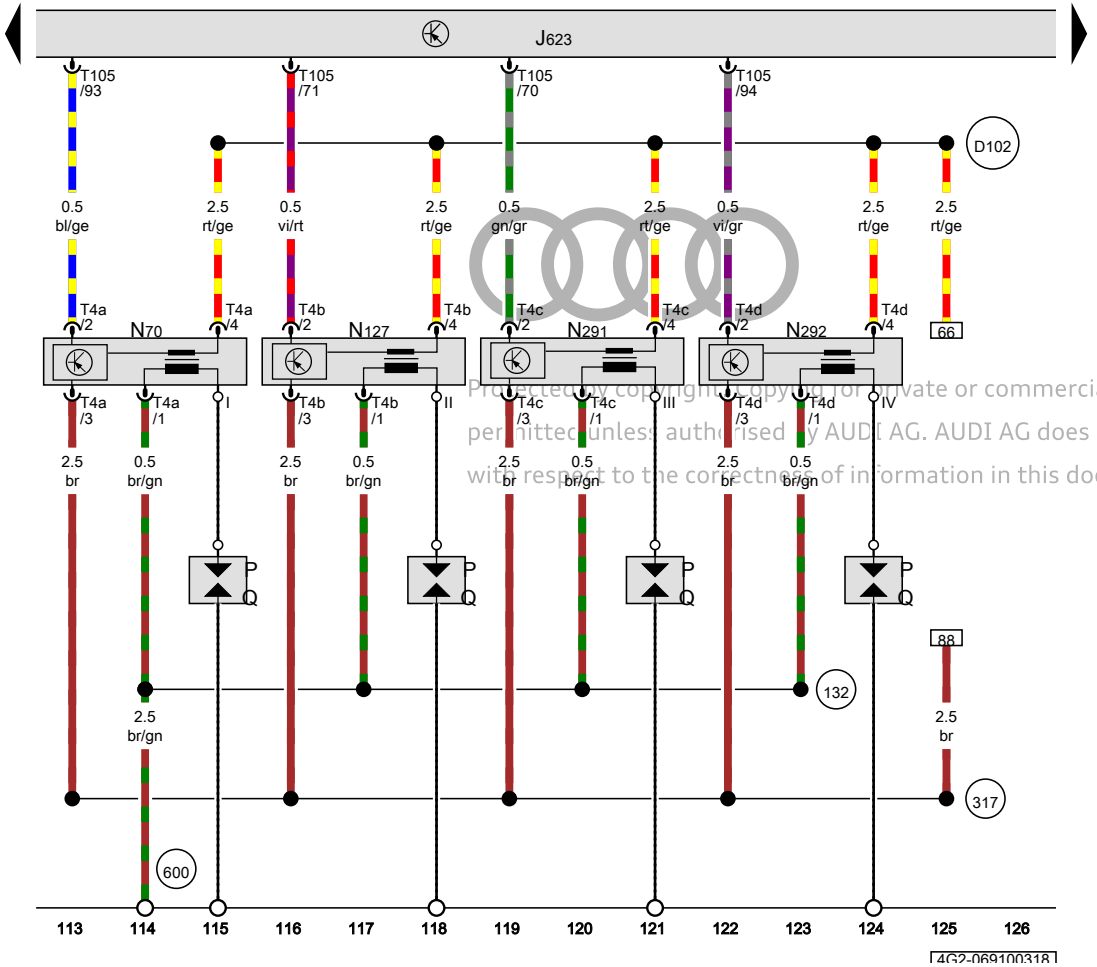
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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for multifunction steering wheel
*2	For models with cruise control system (CCS)
*3	see applicable current flow diagram for automatic gearbox
*4	For right-hand drive models

Engine/motor control unit, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T105	105-pin connector, black
132	Earth connection 3, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
600	Earth point, on right cylinder head
D102	Connection 2 in engine compartment wiring harness

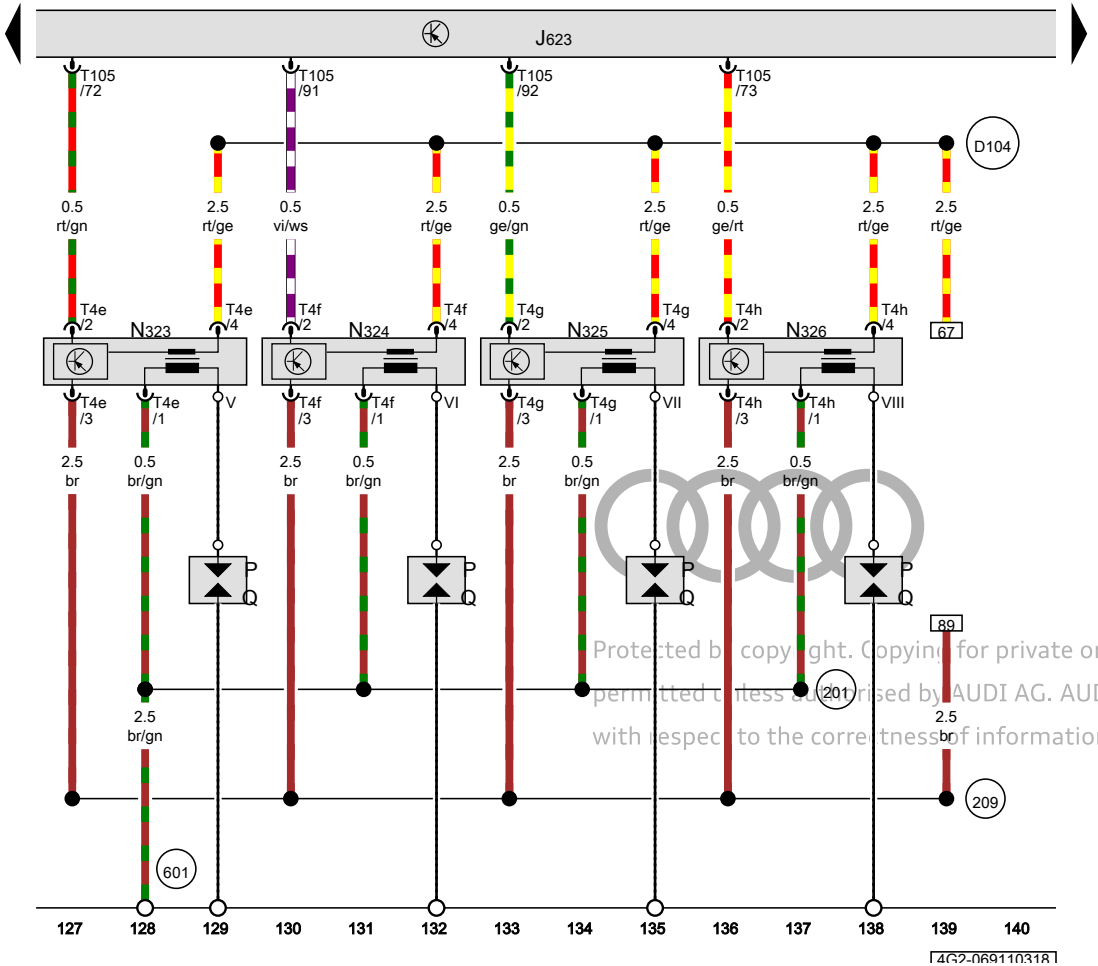


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Engine/motor control unit, Ignition coil 5 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
N325	Ignition coil 7 with output stage
N326	Ignition coil 8 with output stage
P	Spark plug connector
Q	Spark plugs
T4e	4-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T4h	4-pin connector, black
T105	105-pin connector, black
201	Earth connection 5, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
601	Earth point, on left cylinder head
D104	Positive connection 2 (30a), in engine compartment wiring harness



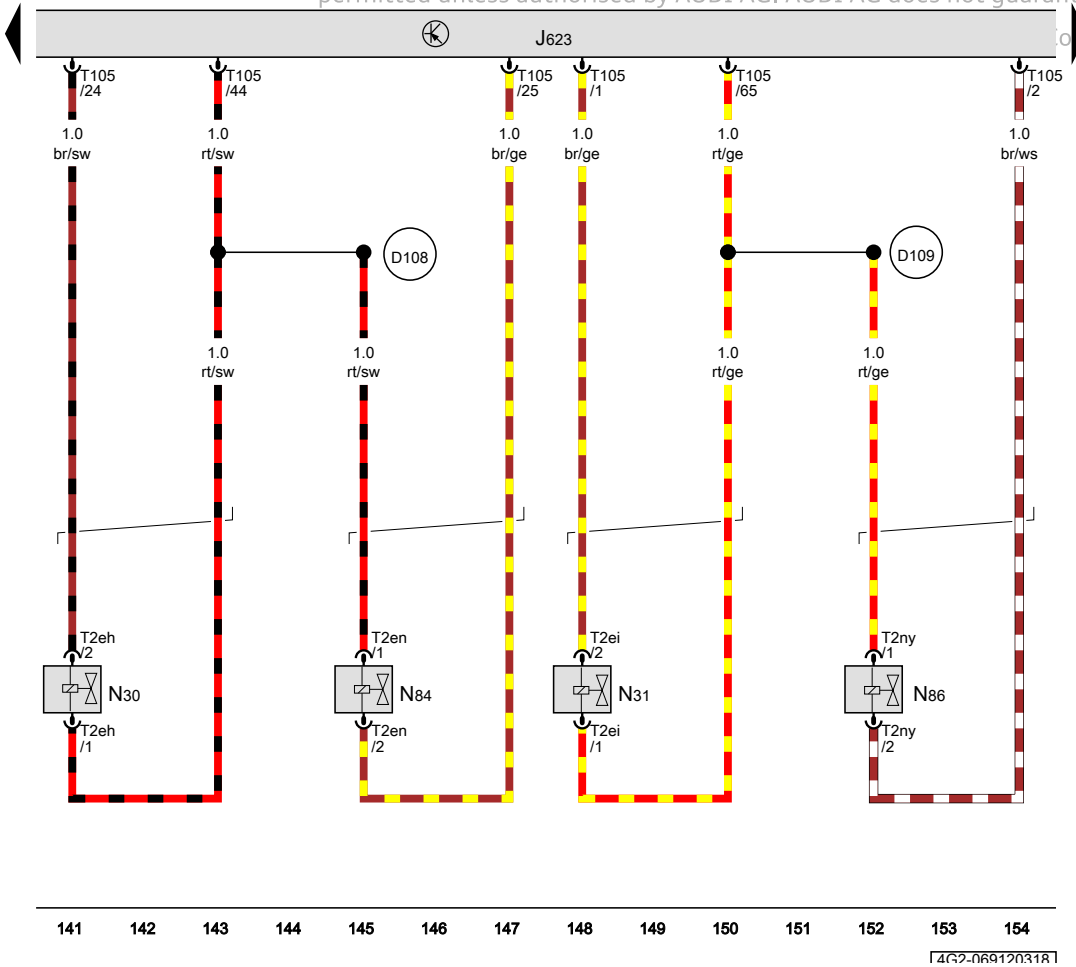
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Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 6, Injector, cylinder 8

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T2eh	2-pin connector
T2ei	2-pin connector
T2en	2-pin connector
T2ny	2-pin connector
T105	105-pin connector, black
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

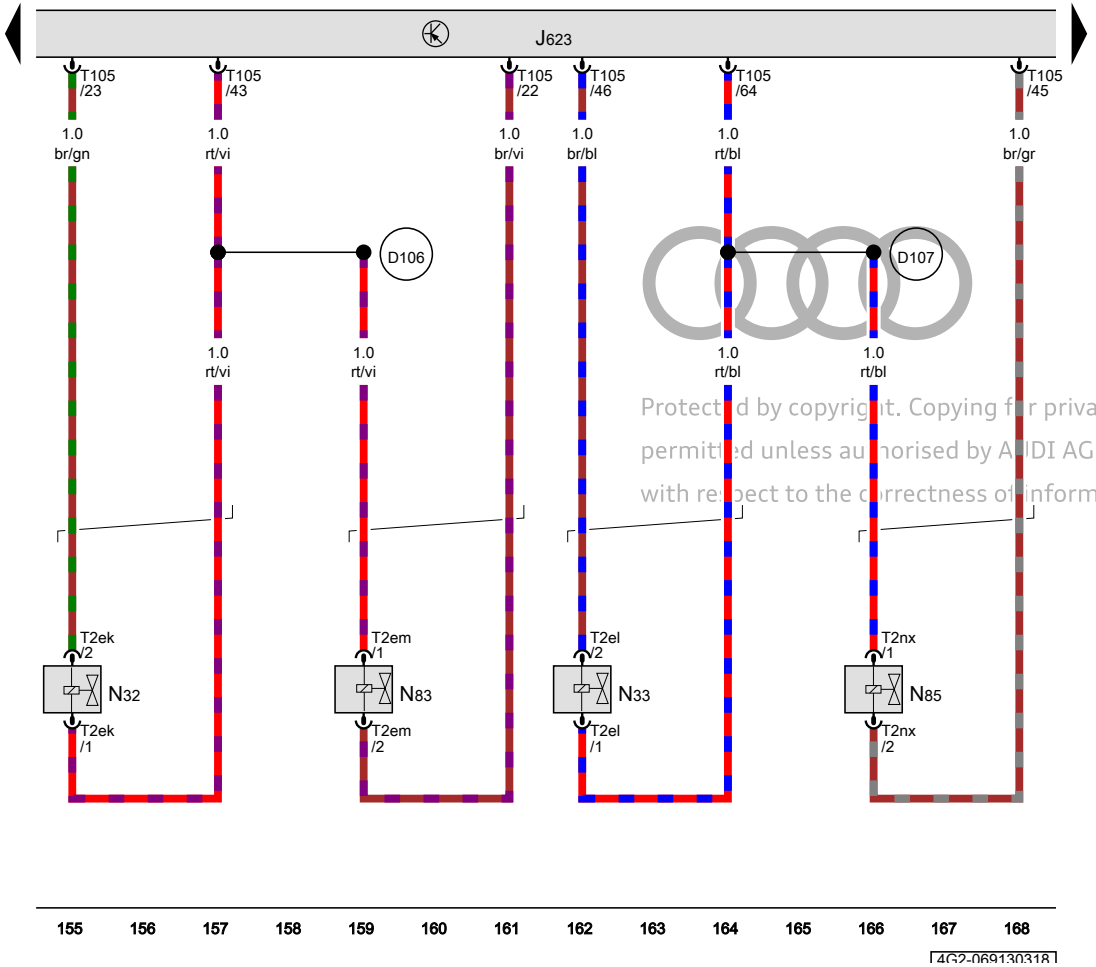
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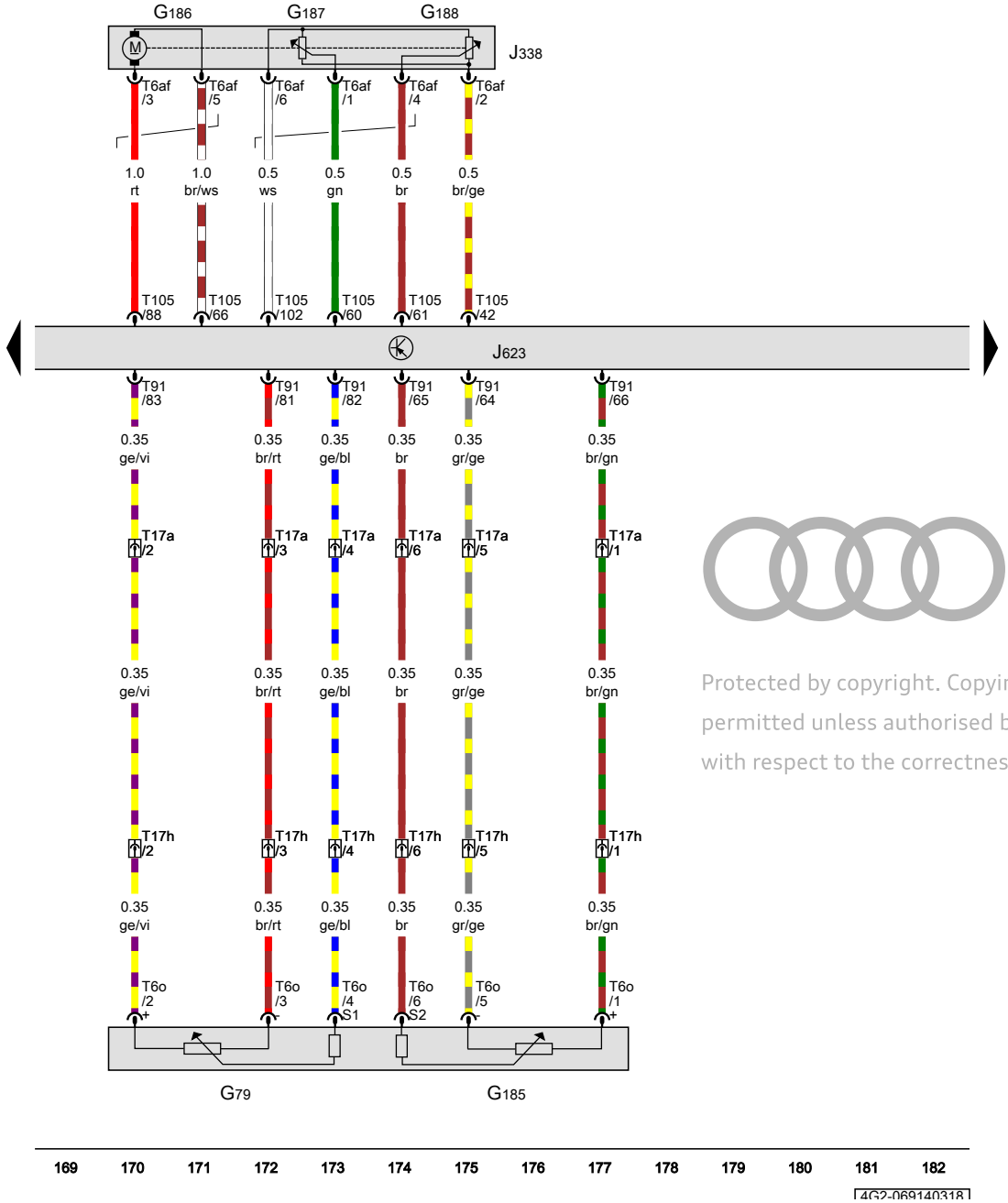
Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

J623	Engine/motor control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2nx	2-pin connector
T105	105-pin connector, black
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



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Accelerator position sender, Throttle valve module, Engine/ motor control unit

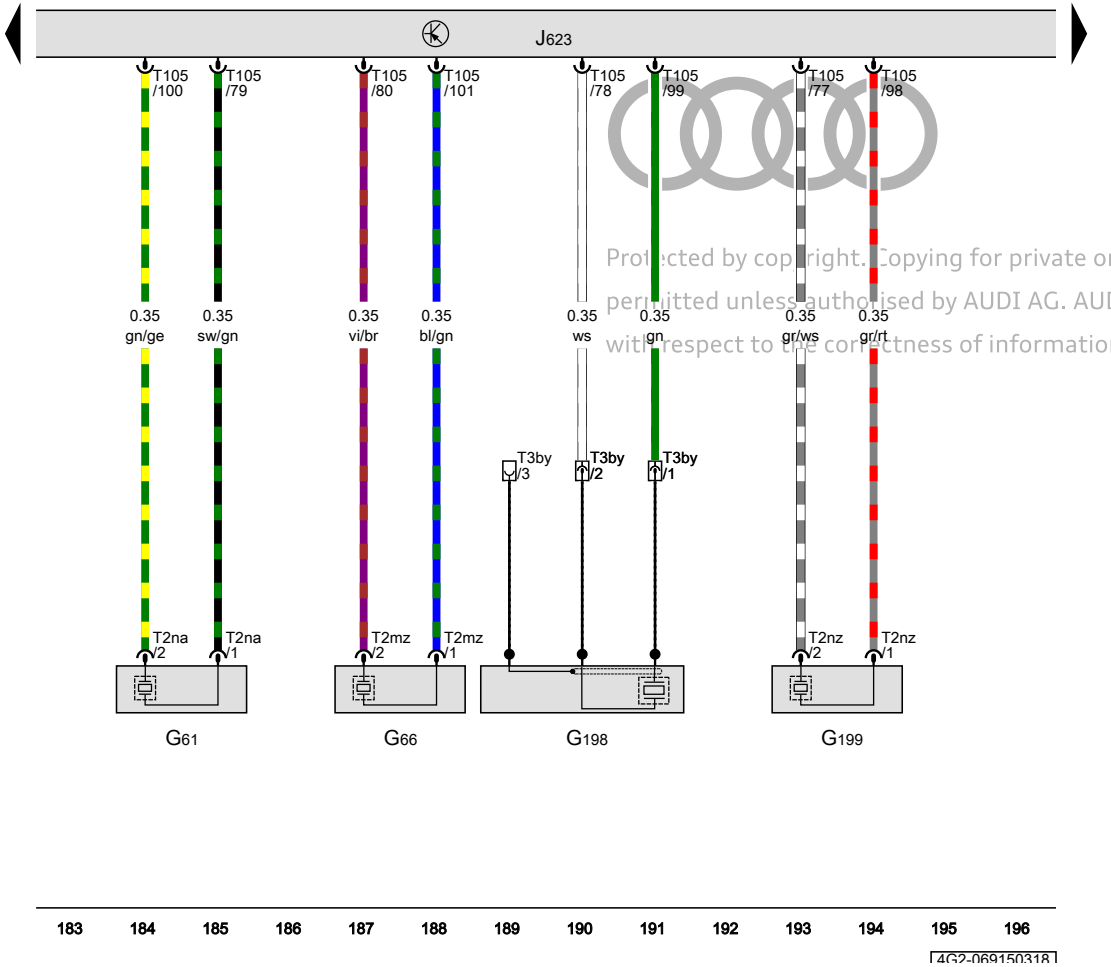
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T6af	6-pin connector, black
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Knock sensor 1, Knock sensor 2, Knock sensor 3, Knock sensor 4, Engine/motor control unit

G61	Knock sensor 1
G66	Knock sensor 2
G198	Knock sensor 3
G199	Knock sensor 4
J623	Engine/motor control unit
T2mz	2-pin connector
T2na	2-pin connector
T2nz	2-pin connector
T3by	3-pin connector, black
T105	105-pin connector, black

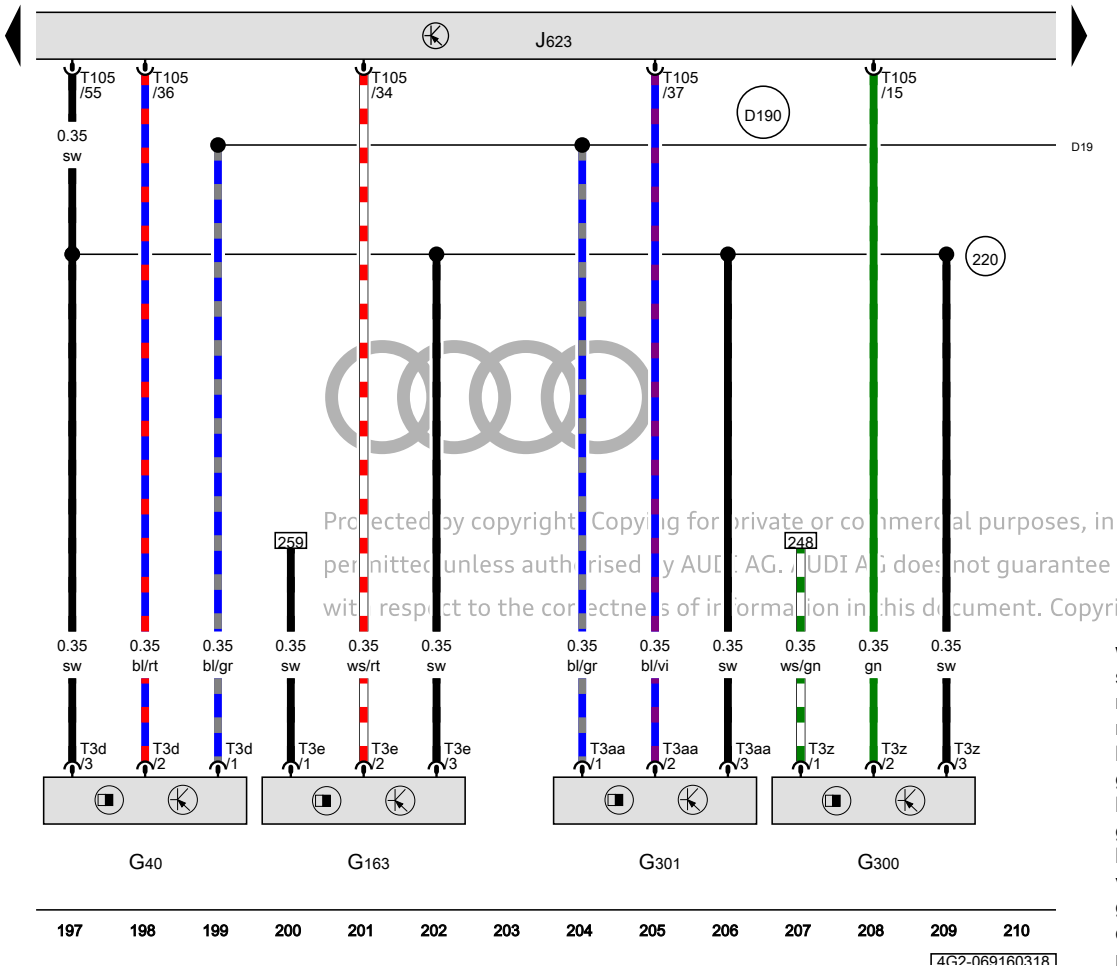


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ge	=	yellow
or	=	orange
rs	=	pink

Hall sender, Hall sender 2, Hall sender 3, Hall sender 4, Engine/motor control unit

G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
J623	Engine/motor control unit
T3aa	3-pin connector
T3d	3-pin connector
T3e	3-pin connector
T3z	3-pin connector
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D190	Connection 3 (5V) in engine prewiring harness

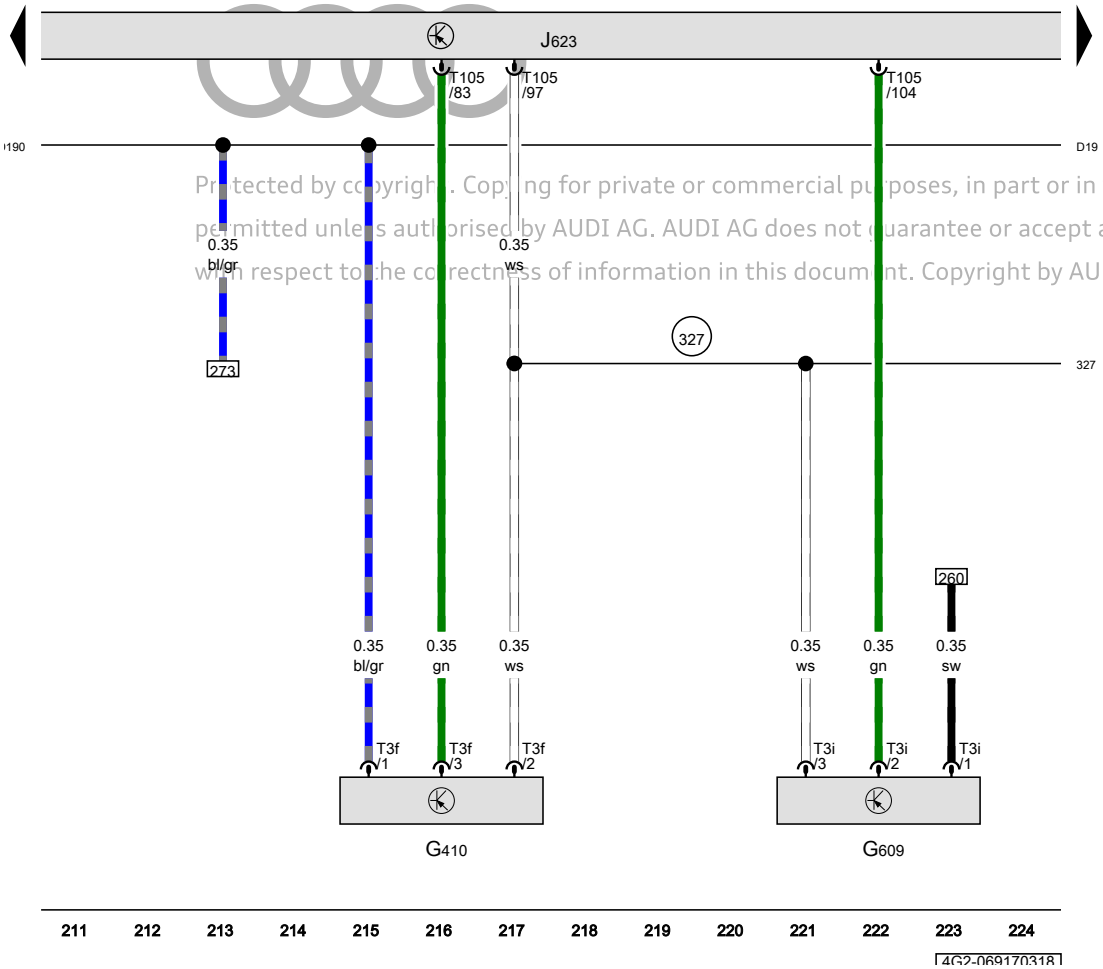


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ge	=	yellow
or	=	orange
rs	=	pink

Fuel pressure sender for low pressure, Sender 1 for secondary air pressure, Engine/motor control unit

G410	Fuel pressure sender for low pressure
G609	Sender 1 for secondary air pressure
J623	Engine/motor control unit
T3f	3-pin connector
T3i	3-pin connector
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness

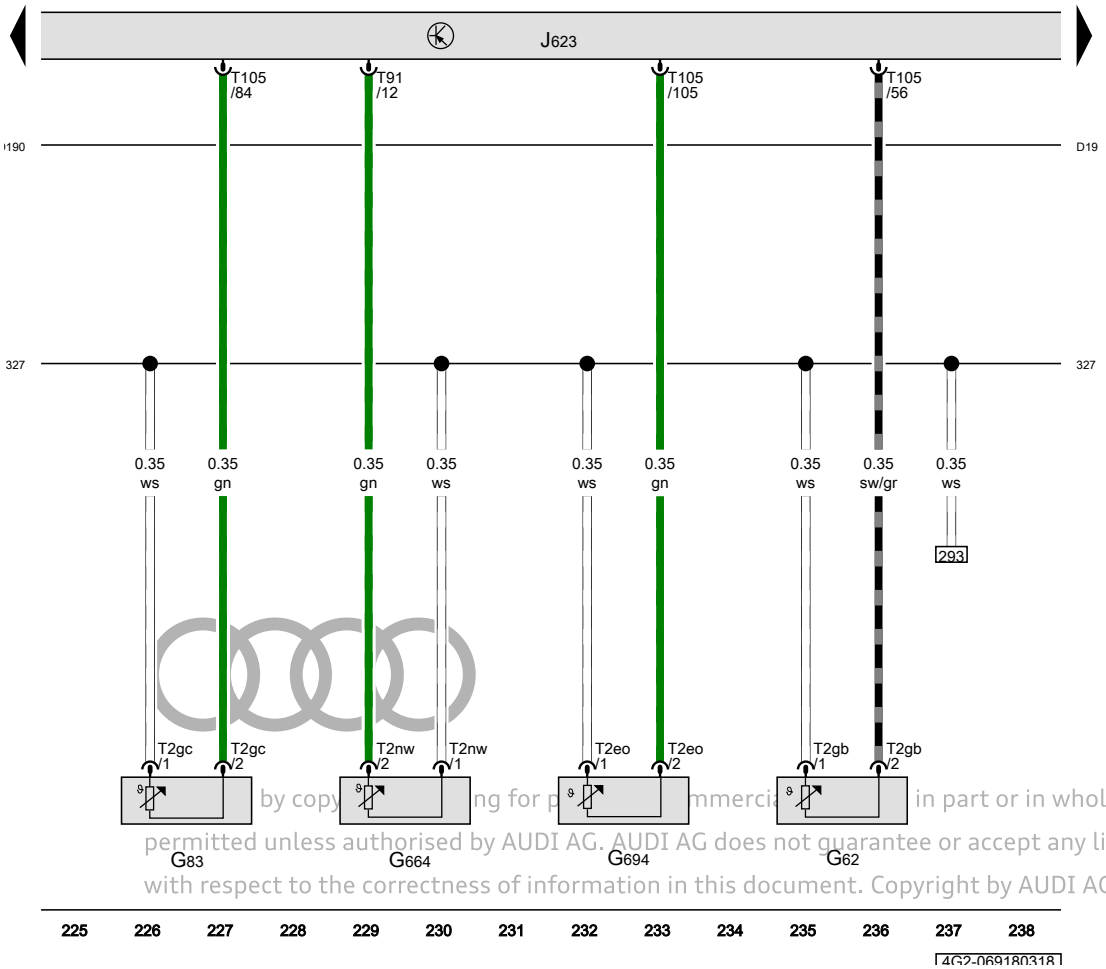


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or	=	orange
rs	=	pink

Coolant temperature sender, Radiator outlet coolant temperature sender, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine/motor control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit
T2eo	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T2nw	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness



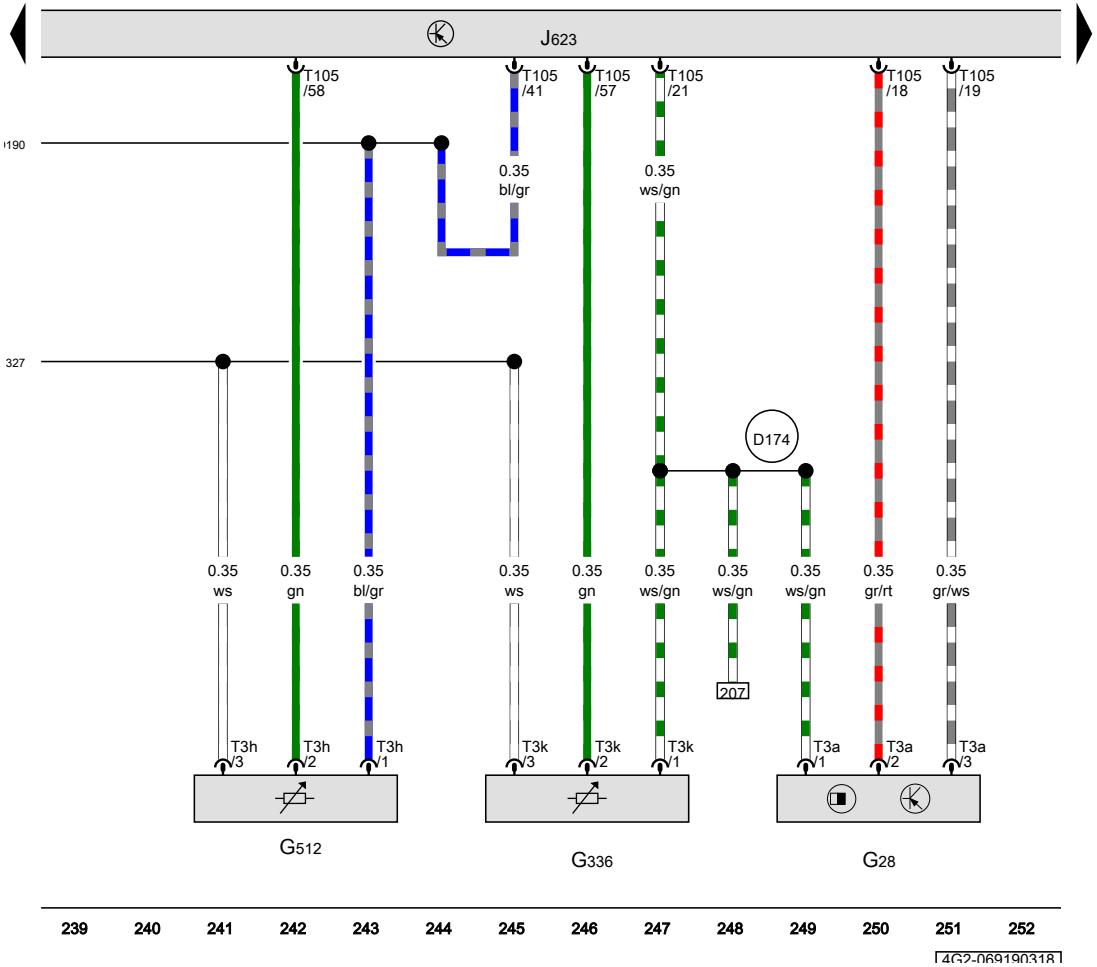
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Engine speed sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine/motor control unit

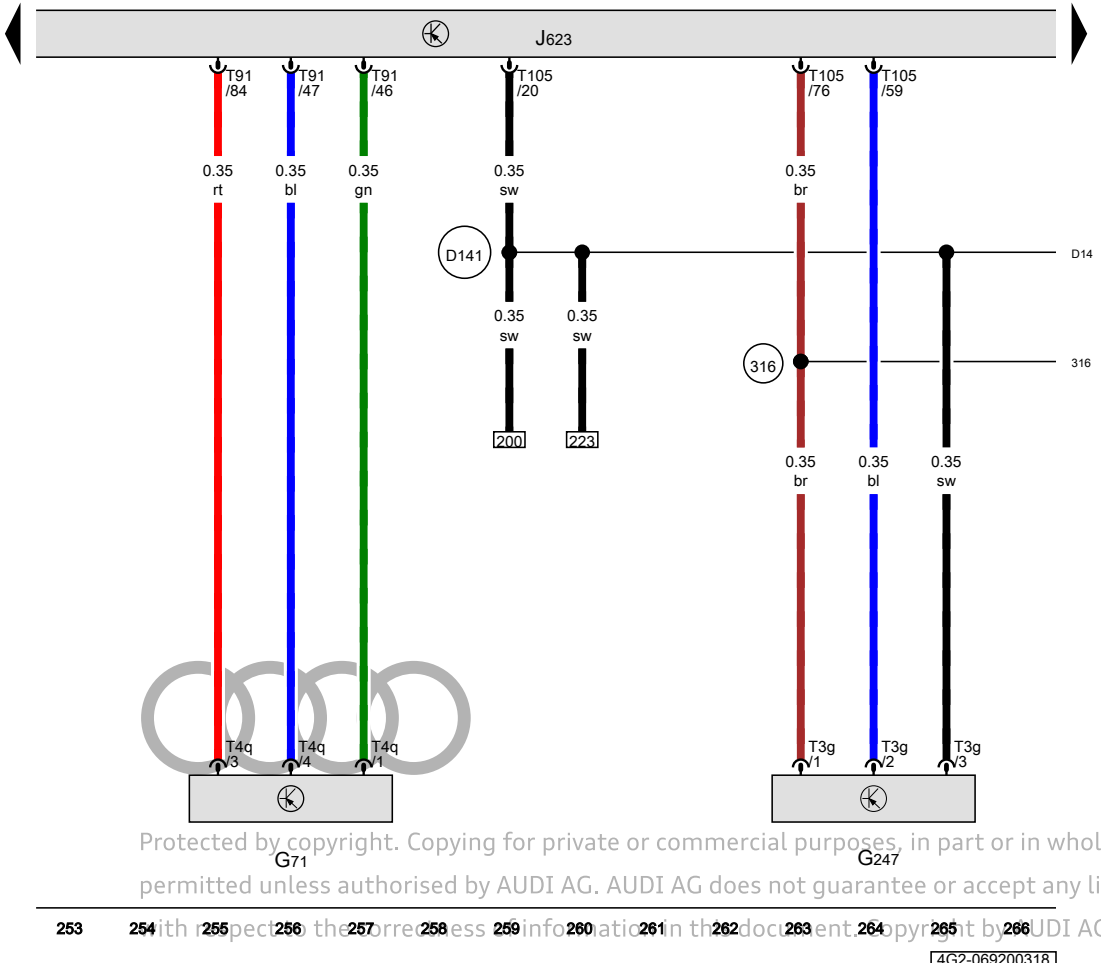
G28	Engine speed sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine/motor control unit
T3a	3-pin connector
T3h	3-pin connector
T3k	3-pin connector
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness



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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Intake manifold pressure sender, Fuel pressure sender, Engine/motor control unit

G71	Intake manifold pressure sender
G247	Fuel pressure sender
J623	Engine/motor control unit
T3g	3-pin connector
T4q	4-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness



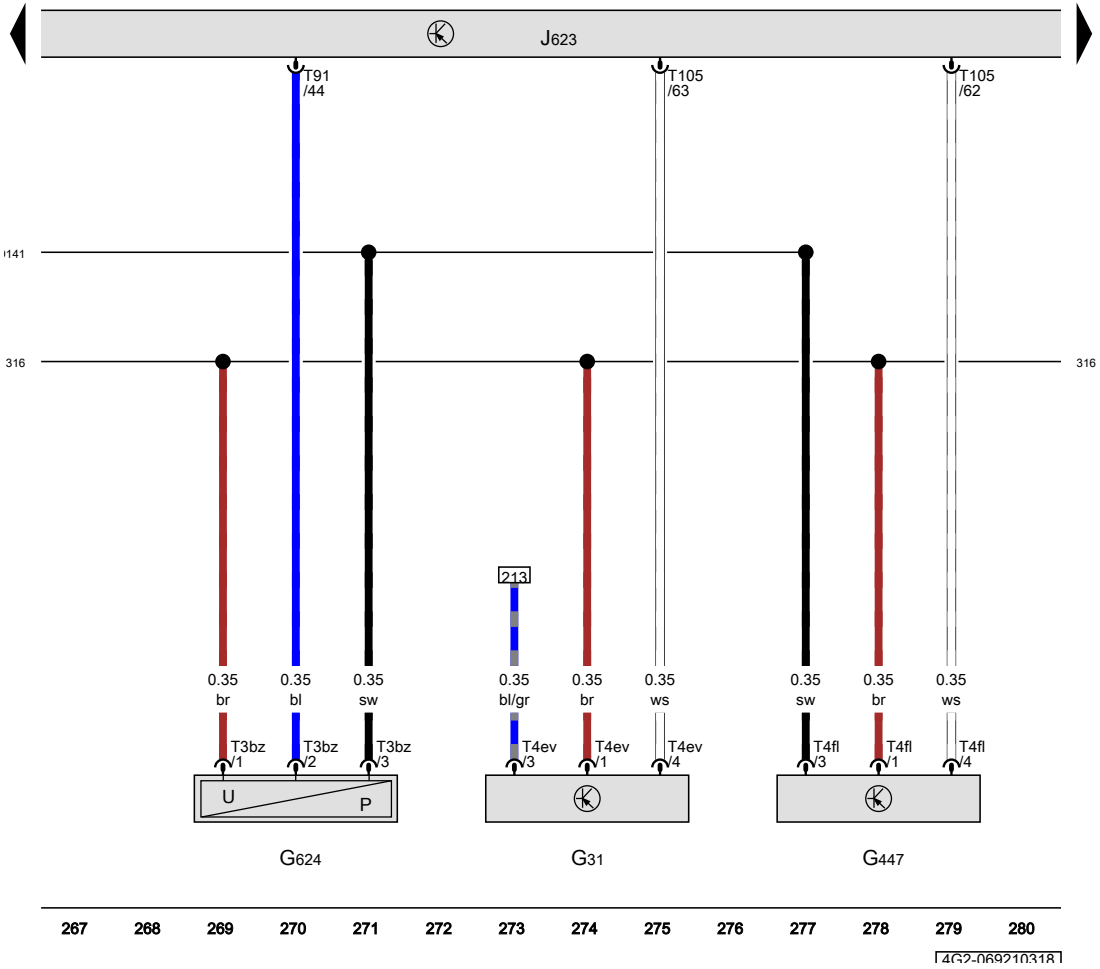
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or	=	orange
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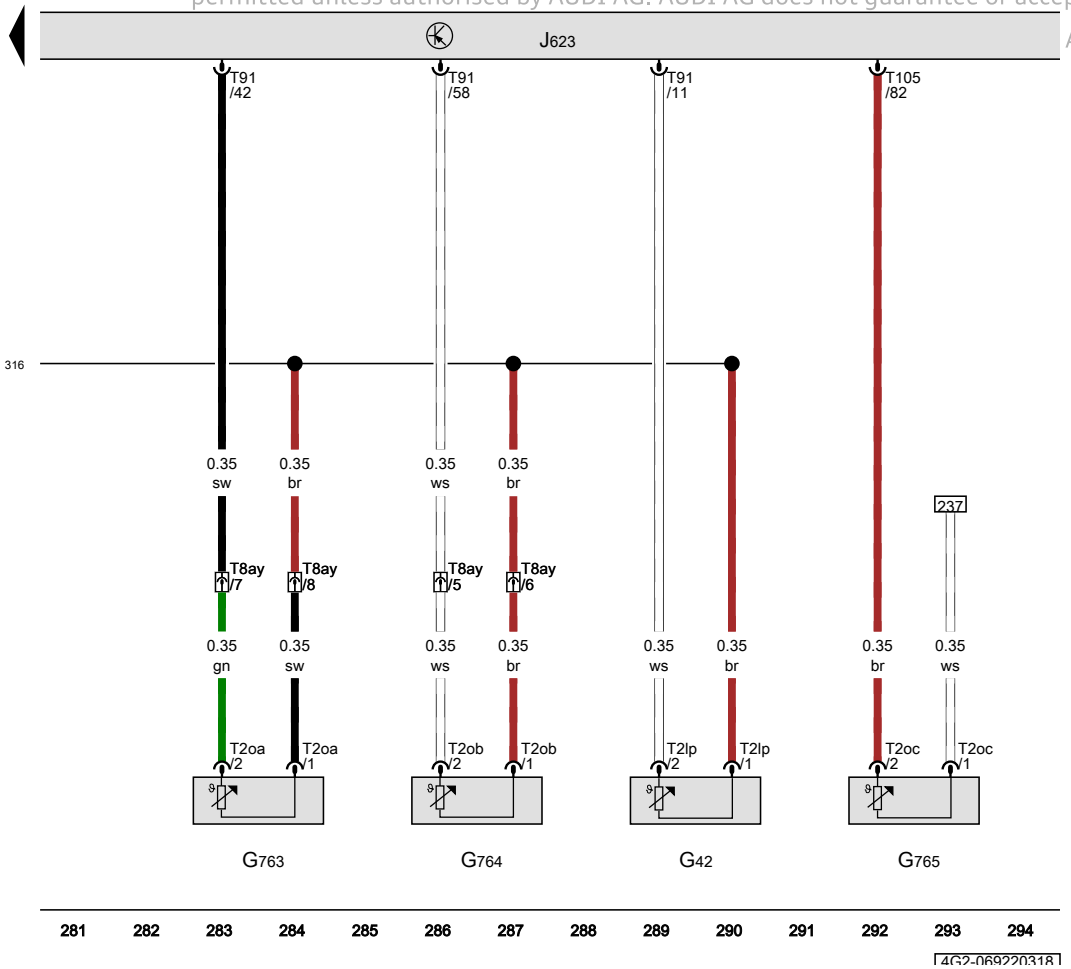
Charge pressure sender, Charge pressure sender 2, Fuel pressure sender 2, Engine/motor control unit

G31	Charge pressure sender
G447	Charge pressure sender 2
G624	Fuel pressure sender 2
J623	Engine/motor control unit
T3bz	3-pin connector
T4ev	4-pin connector
T4fl	4-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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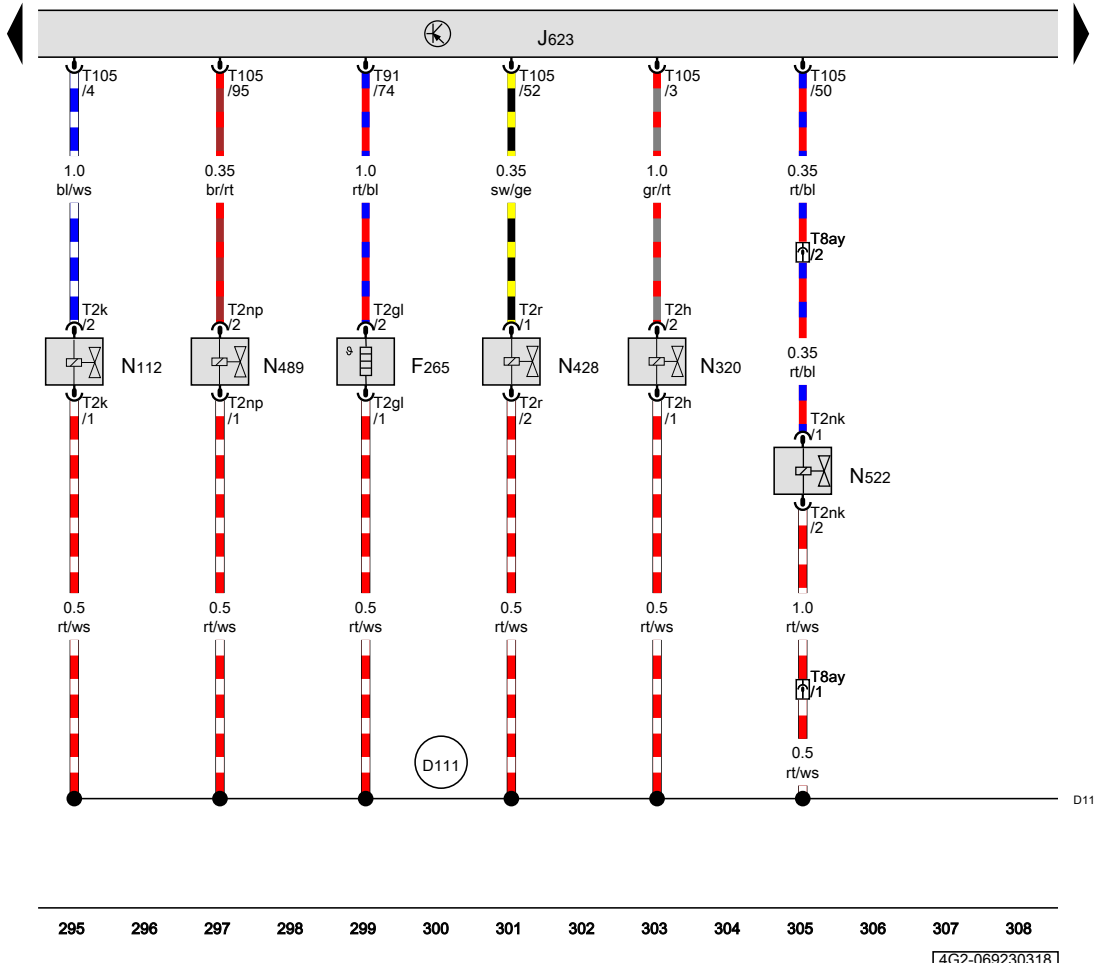
Intake air temperature sender, Temperature sender 1 for charge air cooler, Temperature sender for engine cover panel, Engine/motor control unit

G42	Intake air temperature sender
G763	Temperature sender 1 for charge air cooler
G764	Temperature sender 2 for charge air cooler
G765	Temperature sender for engine cover panel
J623	Engine/motor control unit
T2lp	2-pin connector
T2oa	2-pin connector
T2ob	2-pin connector
T2oc	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness

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Map-controlled engine cooling system thermostat, Engine/ motor control unit, Secondary air inlet valve, Secondary air inlet valve 2, Valve for oil pressure control, Coolant valve for cylinder head, Piston cooling jet control valve

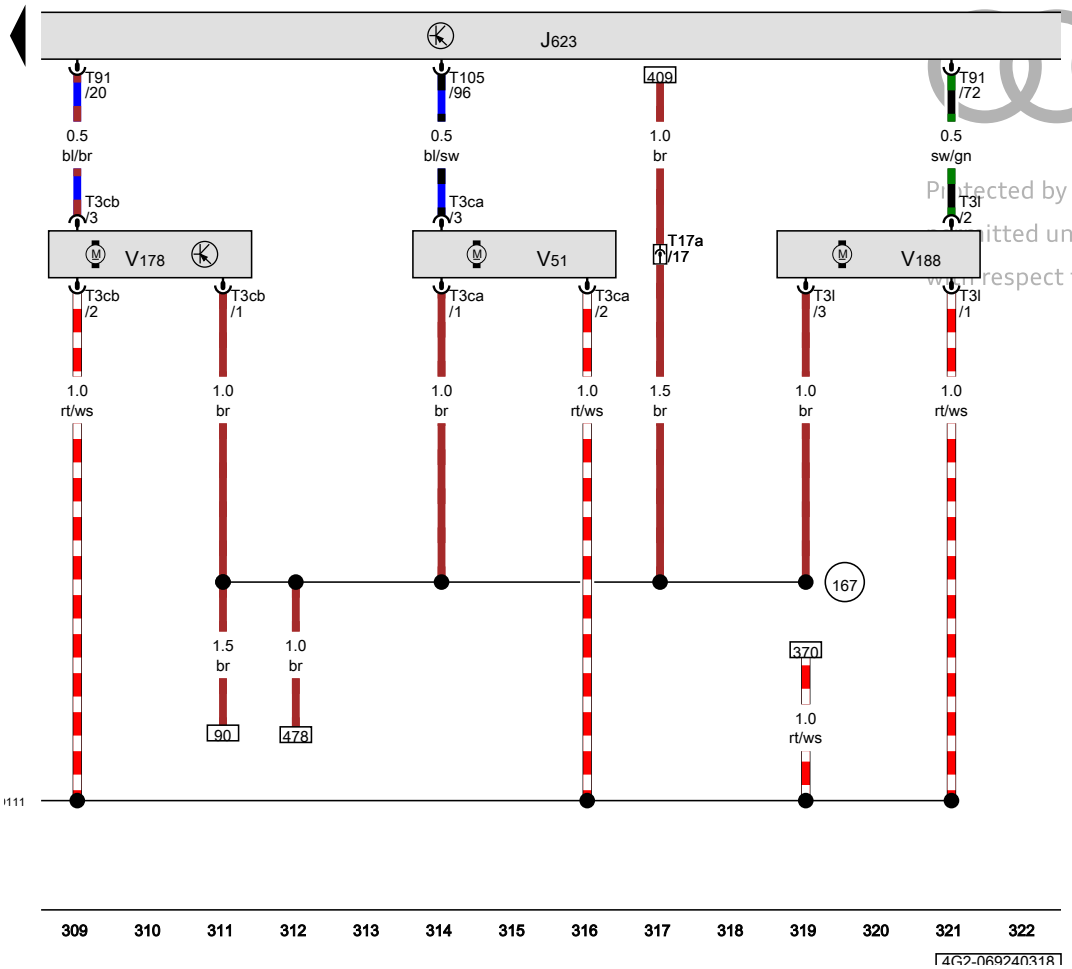
F265	Map-controlled engine cooling system thermostat
J623	Engine/motor control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
N522	Piston cooling jet control valve
T2gl	2-pin connector
T2h	2-pin connector
T2k	2-pin connector
T2nk	2-pin connector
T2np	2-pin connector
T2r	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
D111	Connection 9 in engine compartment wiring harness



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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Continued coolant circulation pump, Coolant circulation pump 2, Charge air cooling pump

J623	Engine/motor control unit
T3ca	3-pin connector
T3cb	3-pin connector
T3l	3-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
V178	Coolant circulation pump 2
V188	Charge air cooling pump
167	Earth connection 4, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness

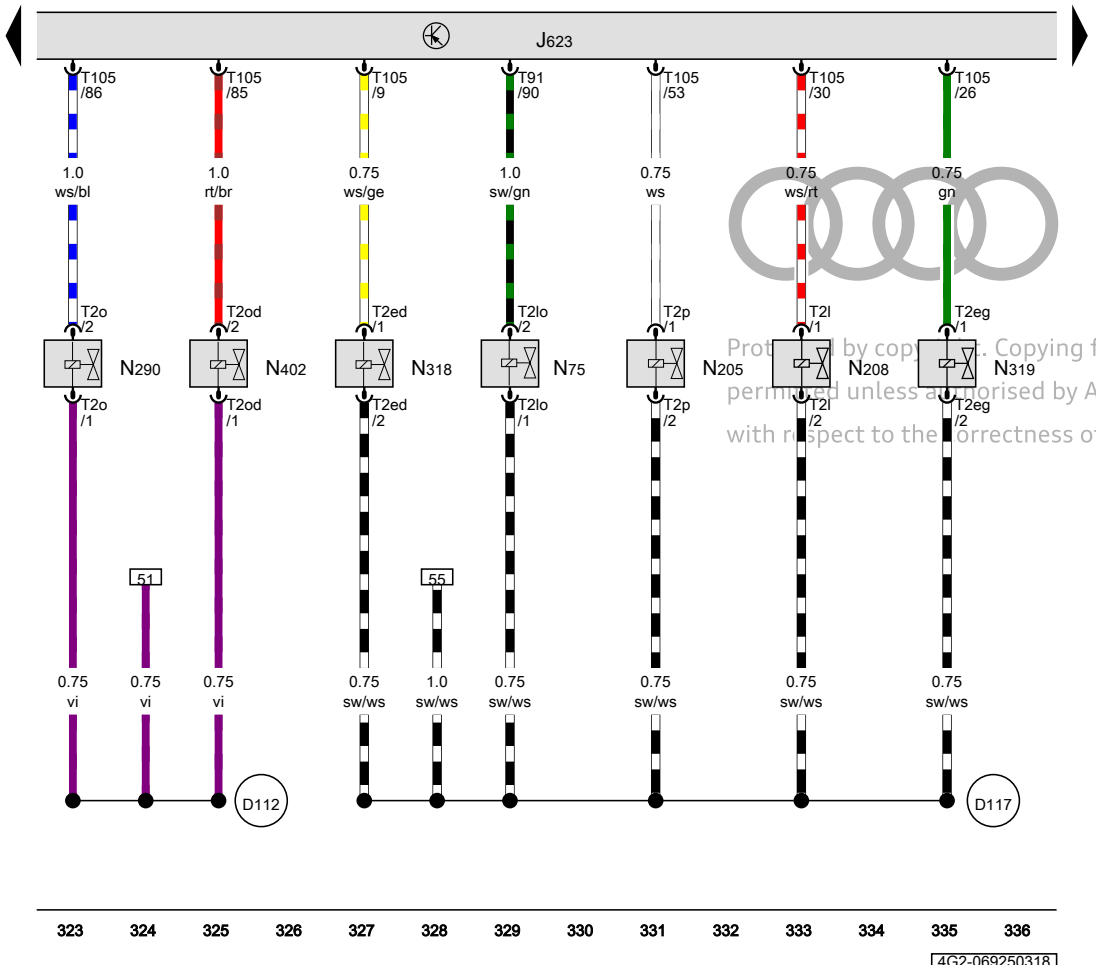


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
N402	Fuel metering valve 2
T2ed	2-pin connector
T2eg	2-pin connector
T2l	2-pin connector
T2lo	2-pin connector
T2o	2-pin connector
T2od	2-pin connector
T2p	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D112	Connection 10 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness

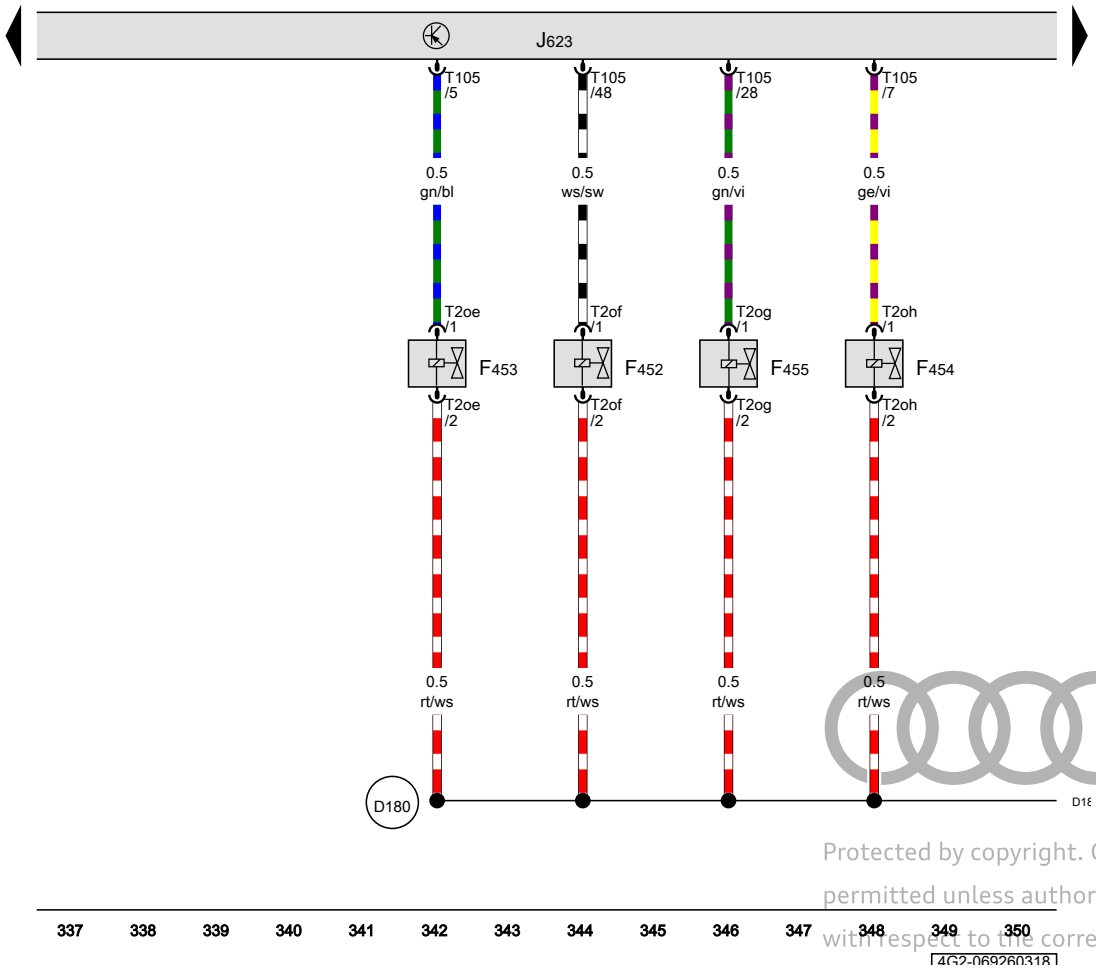


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ge	=	yellow
or	=	orange
rs	=	pink

Inlet cam actuator 2 for cylinder 2, Engine/motor control unit

F452	Inlet cam actuator 1 for cylinder 2
F453	Inlet cam actuator 2 for cylinder 2
F454	Exhaust cam actuator 1 for cylinder 2
F455	Exhaust cam actuator 2 for cylinder 2
J623	Engine/motor control unit
T2oe	2-pin connector
T2of	2-pin connector
T2og	2-pin connector
T2oh	2-pin connector
T105	105-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

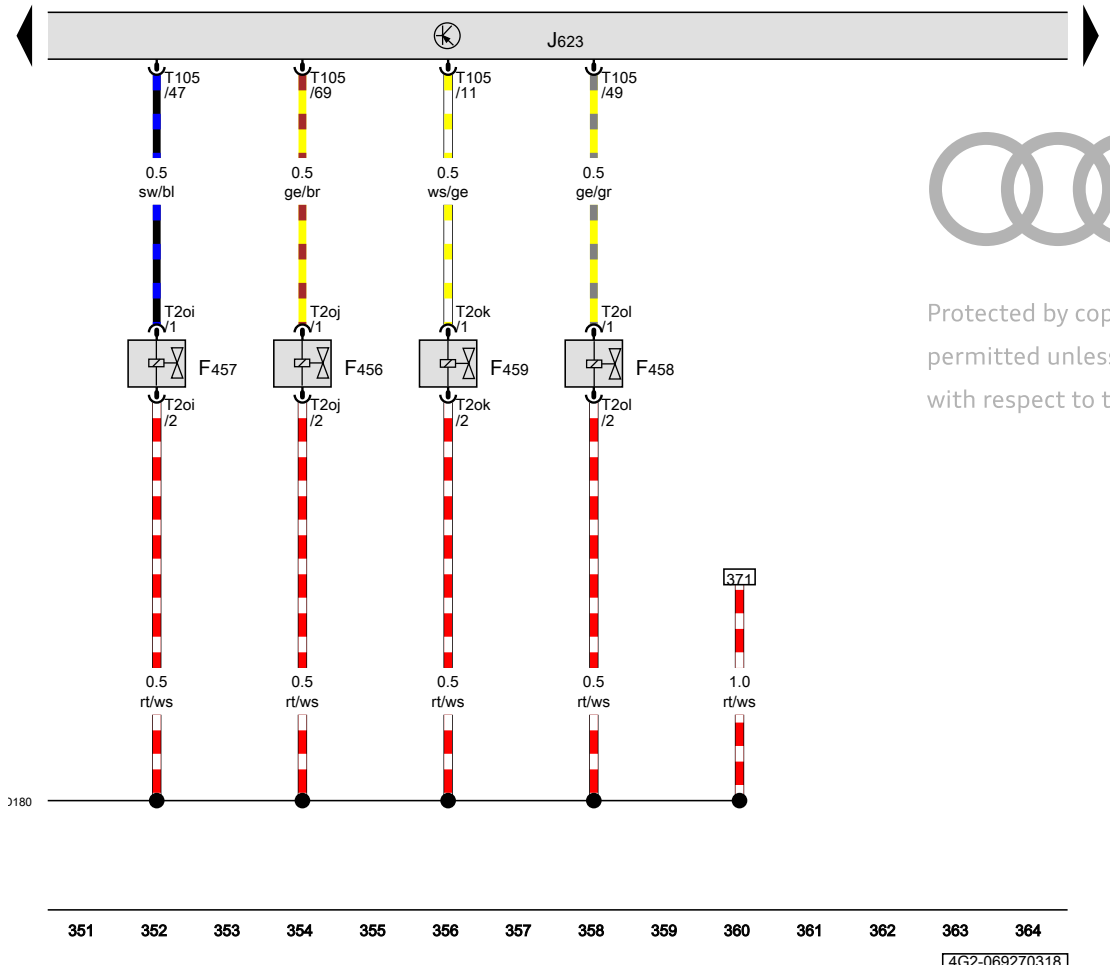


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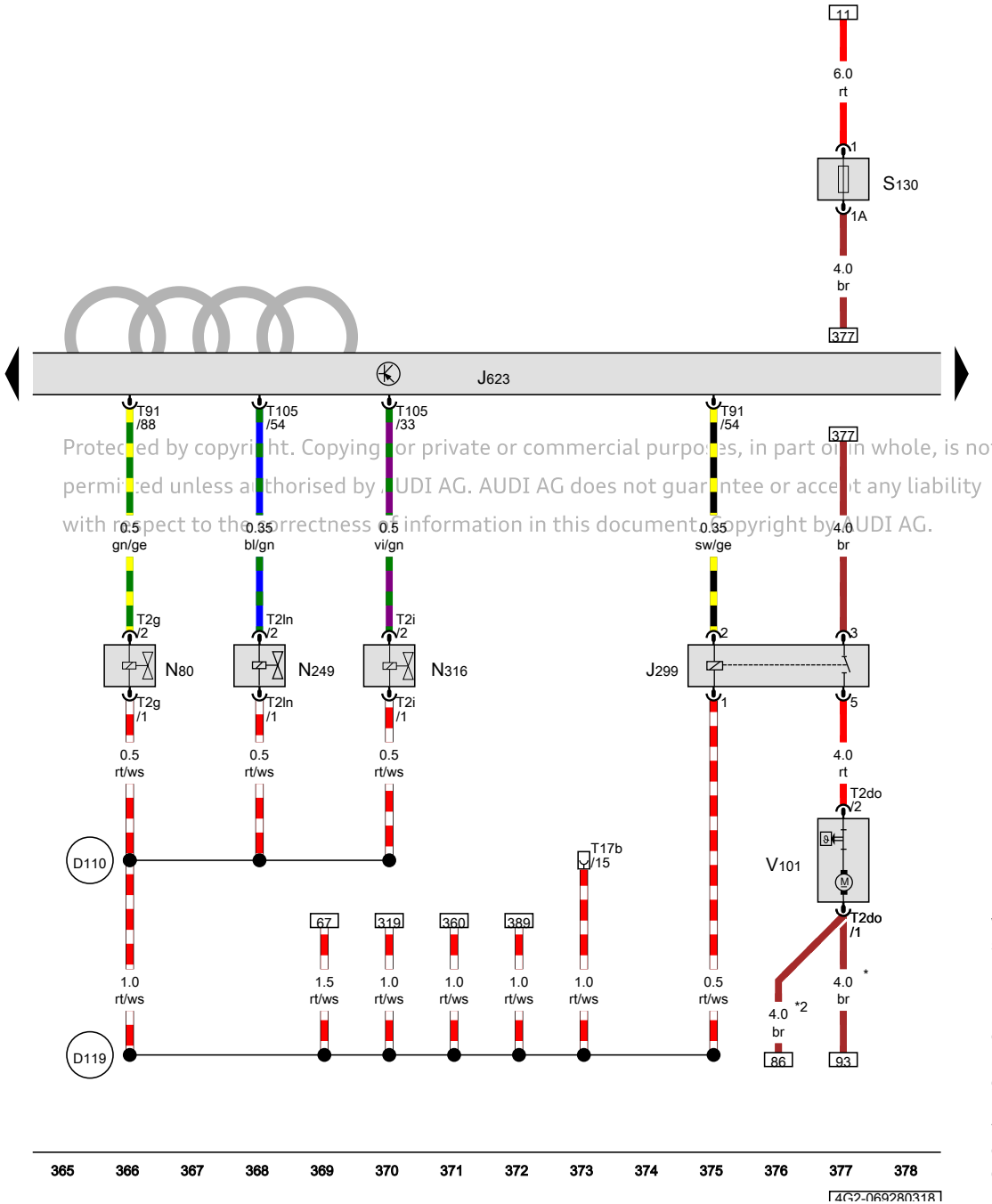
Inlet cam actuator 2 for cylinder 3, Engine/motor control unit

F456	Inlet cam actuator 1 for cylinder 3
F457	Inlet cam actuator 2 for cylinder 3
F458	Exhaust cam actuator 1 for cylinder 3
F459	Exhaust cam actuator 2 for cylinder 3
J623	Engine/motor control unit
T2oi	2-pin connector
T2oj	2-pin connector
T2ok	2-pin connector
T2ol	2-pin connector
T105	105-pin connector, black
D180	Connection (87a), in engine compartment wiring harness



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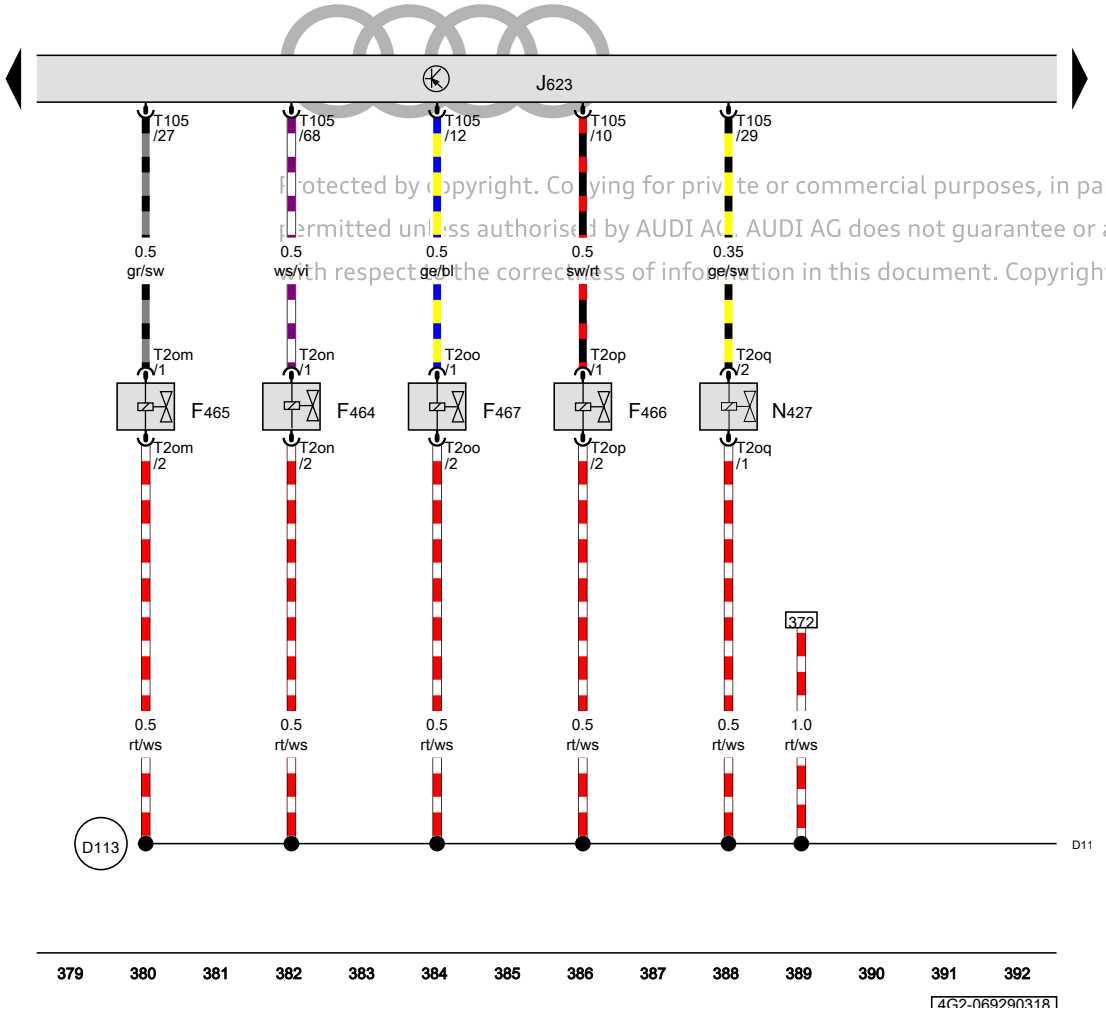
Secondary air pump relay, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Secondary air pump fuse

J299	Secondary air pump relay
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
S130	Secondary air pump fuse
T2do	2-pin connector
T2g	2-pin connector
T2i	2-pin connector
T2ln	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V101	Secondary air pump motor
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	From June 2014
*2	Up to May 2014

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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Inlet cam actuator 2 for cylinder 5, Engine/motor control unit

F464	Inlet cam actuator 1 for cylinder 5
F465	Inlet cam actuator 2 for cylinder 5
F466	Exhaust cam actuator 1 for cylinder 5
F467	Exhaust cam actuator 2 for cylinder 5
J623	Engine/motor control unit
N427	Turbocharger air recirculation valve, cylinder bank 2
T2om	2-pin connector
T2on	2-pin connector
T2oo	2-pin connector
T2op	2-pin connector
T2oq	2-pin connector
T105	105-pin connector, black
D113	Connection 11 in engine compartment wiring harness

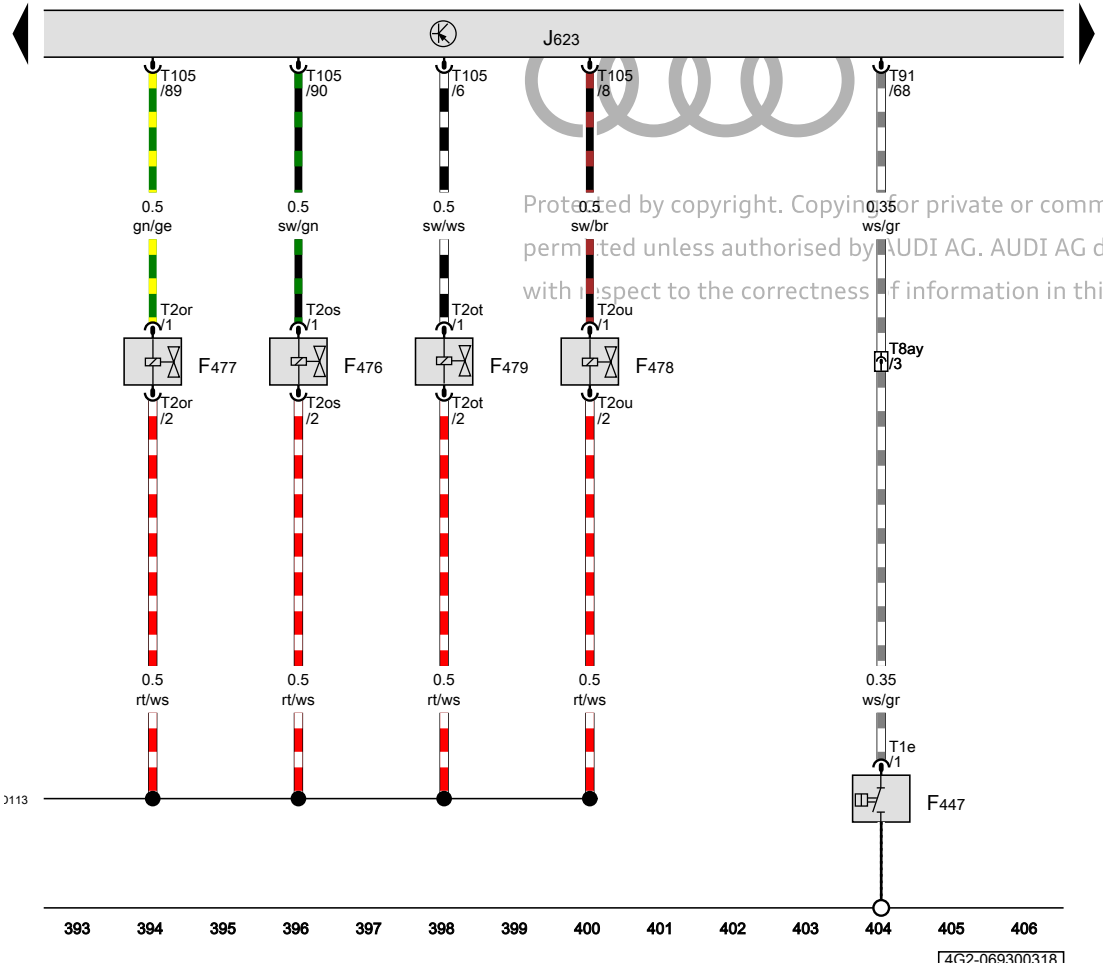


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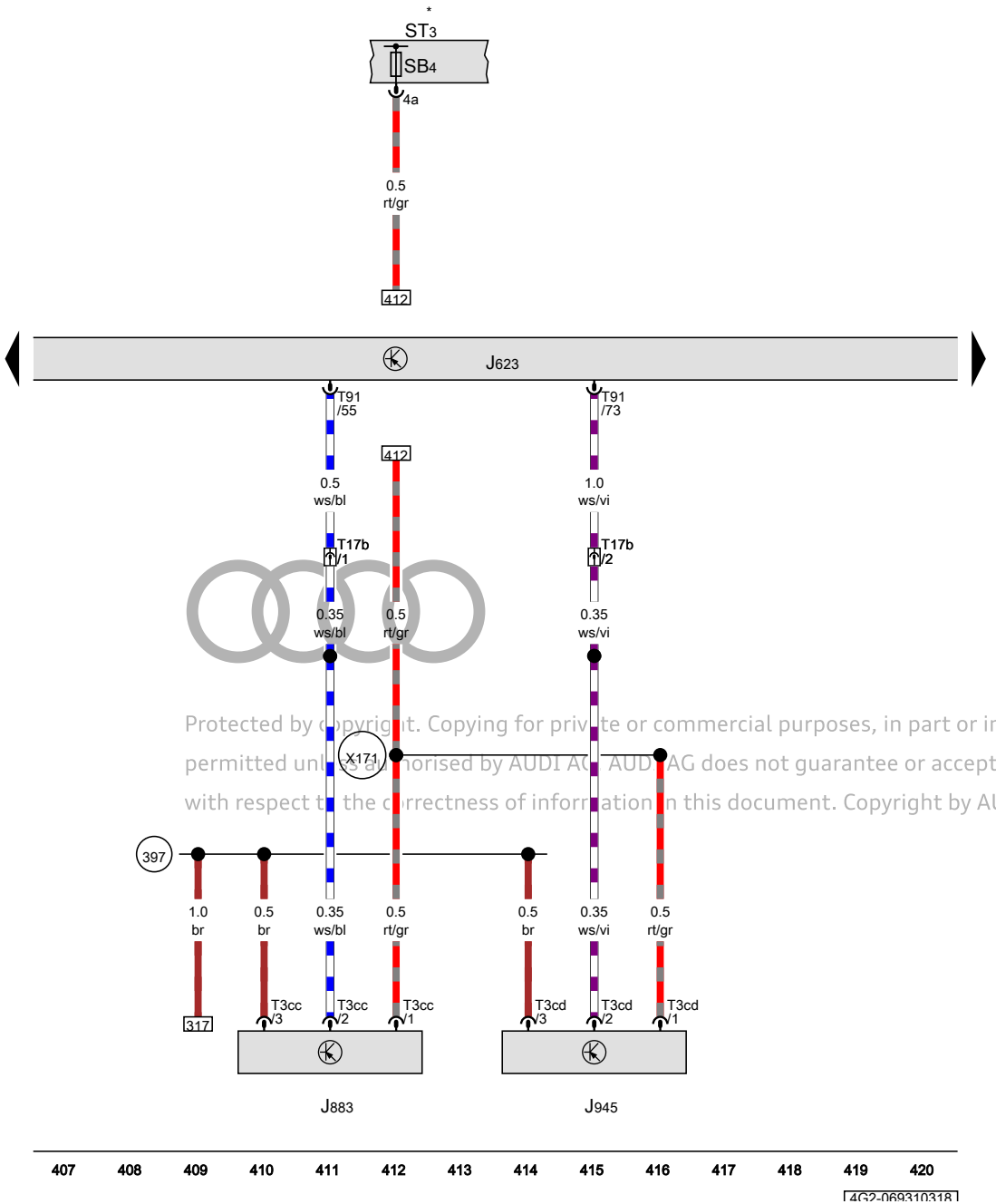
Stage 3 oil pressure switch, Inlet cam actuator 2 for cylinder 8, Engine/motor control unit

F447	Stage 3 oil pressure switch
F476	Inlet cam actuator 1 for cylinder 8
F477	Inlet cam actuator 2 for cylinder 8
F478	Exhaust cam actuator 1 for cylinder 8
F479	Exhaust cam actuator 2 for cylinder 8
J623	Engine/motor control unit
T1e	1-pin connector
T2or	2-pin connector
T2os	2-pin connector
T2ot	2-pin connector
T2ou	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
D113	Connection 11 in engine compartment wiring harness



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Engine/motor control unit, Exhaust flap control unit, Exhaust flap control unit 2

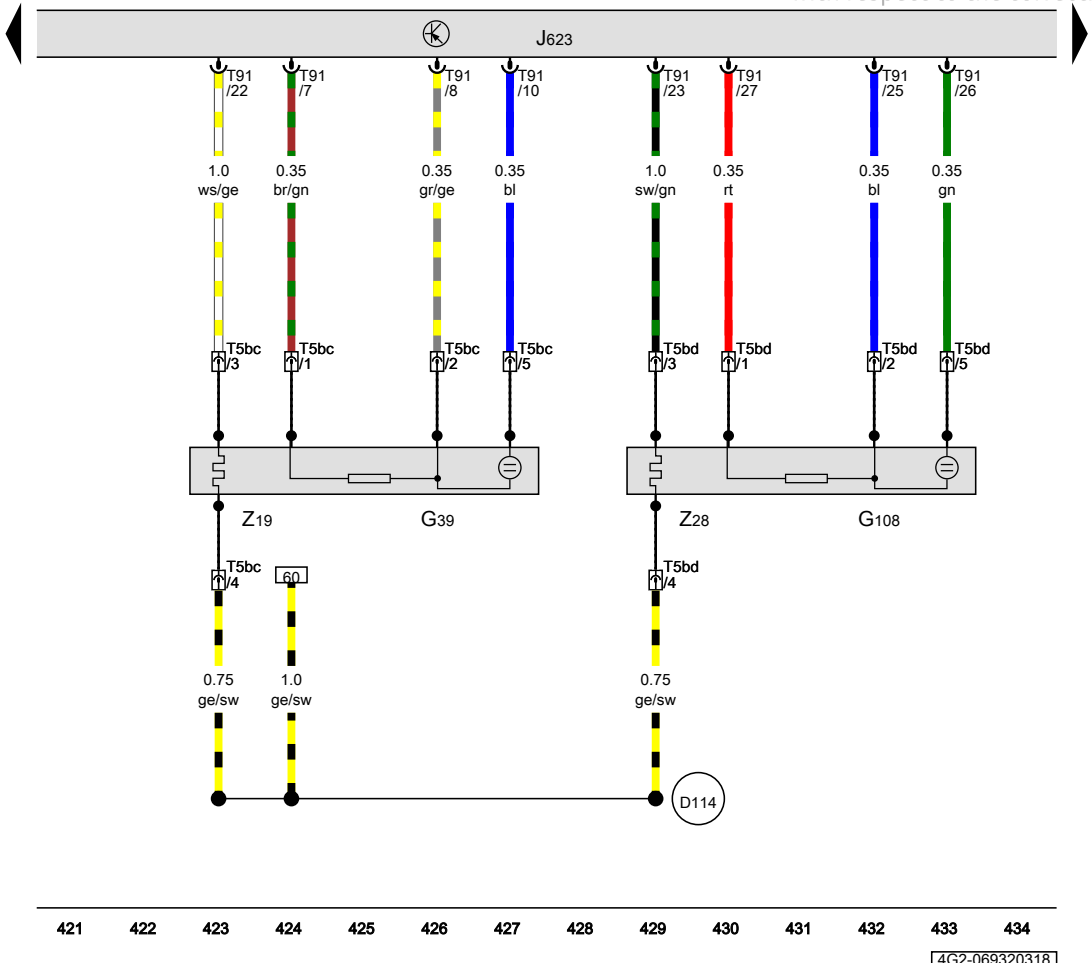
J623	Engine/motor control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T3cc	3-pin connector
T3cd	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
397	Earth connection 32, in main wiring harness
X171	Connection (15), rear bumper wiring harness
*	see applicable current flow diagram for fuse assignment

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Lambda probe, Lambda probe 2, Engine/motor control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine/motor control unit
T5bc	5-pin connector, black
T5bd	5-pin connector, brown
T91	91-pin connector, black
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness

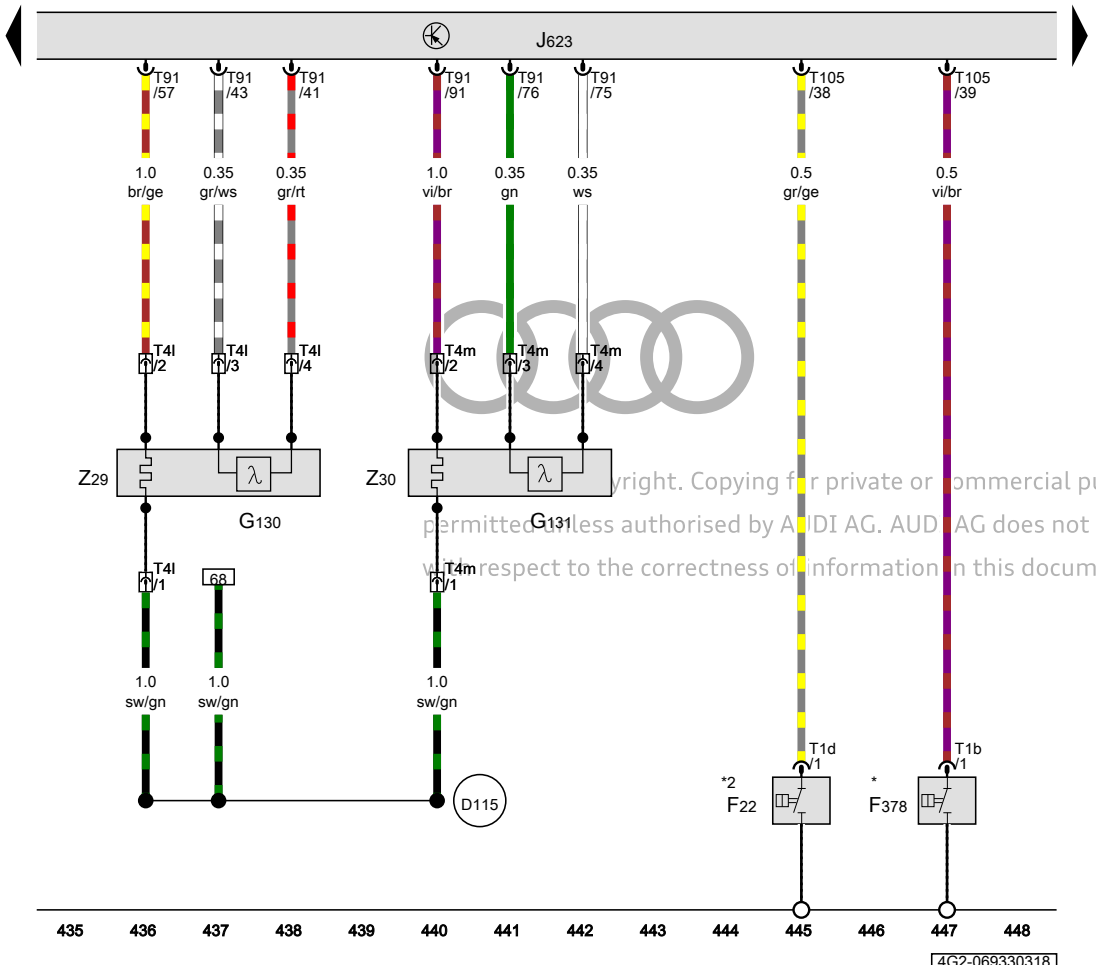
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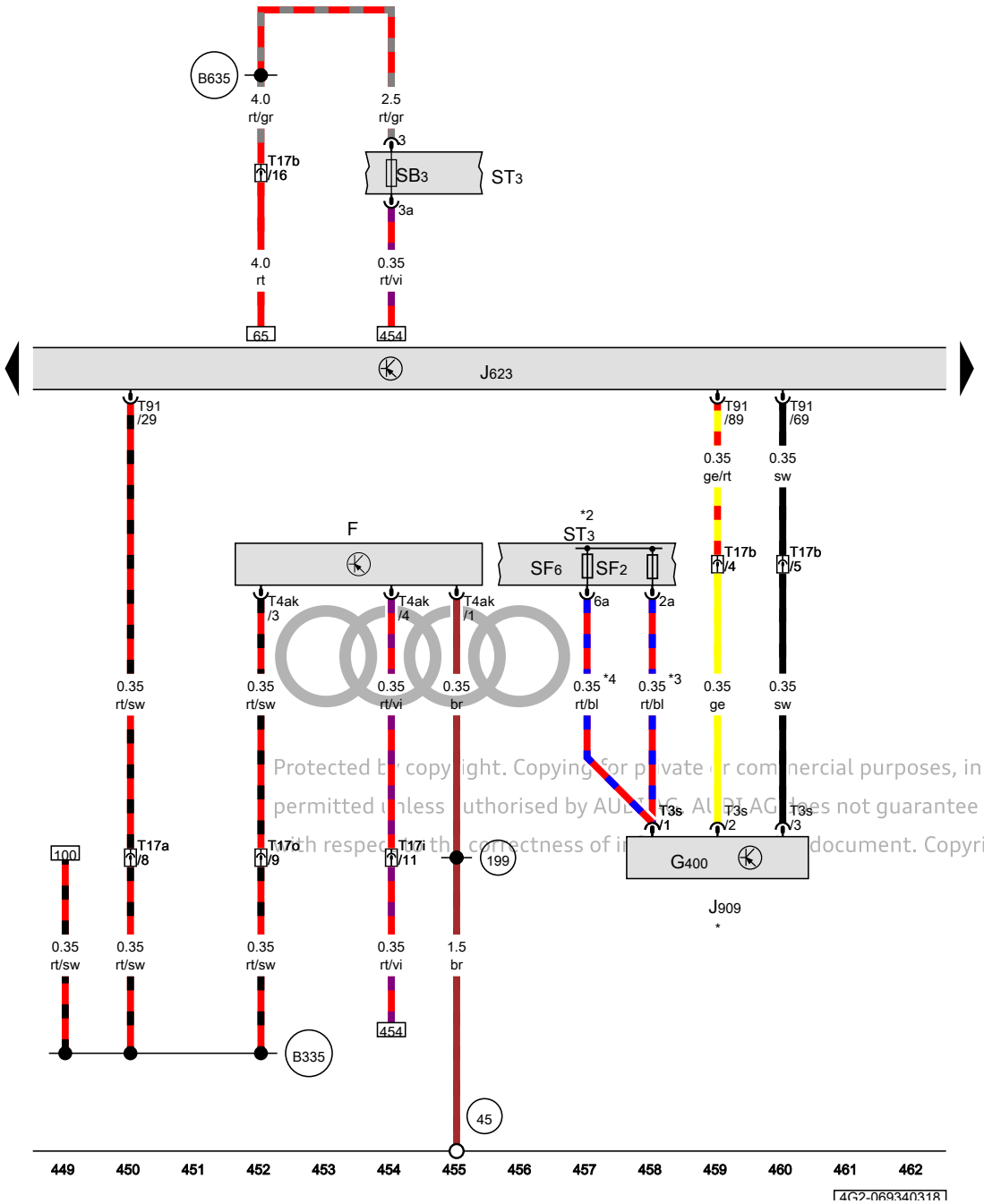
Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
T1b	1-pin connector
T1d	1-pin connector
T4l	4-pin connector, brown
T4m	4-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D115	Connection 13 in engine compartment wiring harness
*	0.9 bar
*2	2.6 bar



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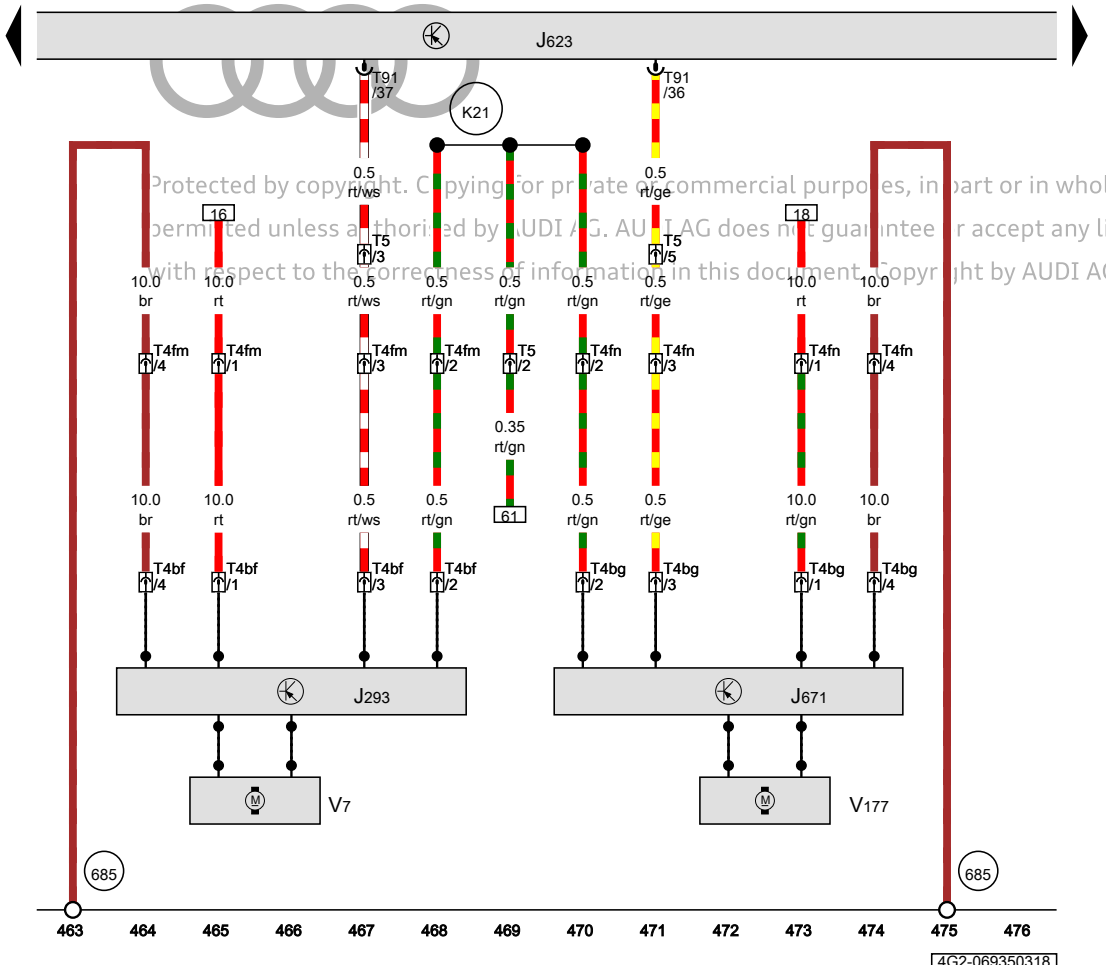
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Brake light switch, Engine/motor control unit, Control unit for fuel tank leak detection

F	Brake light switch
G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
SF6	Fuse 6 in fuse holder F
T3s	3-pin connector
T4ak	4-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
*	For models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment
*3	Up to May 2014
*4	From June 2014

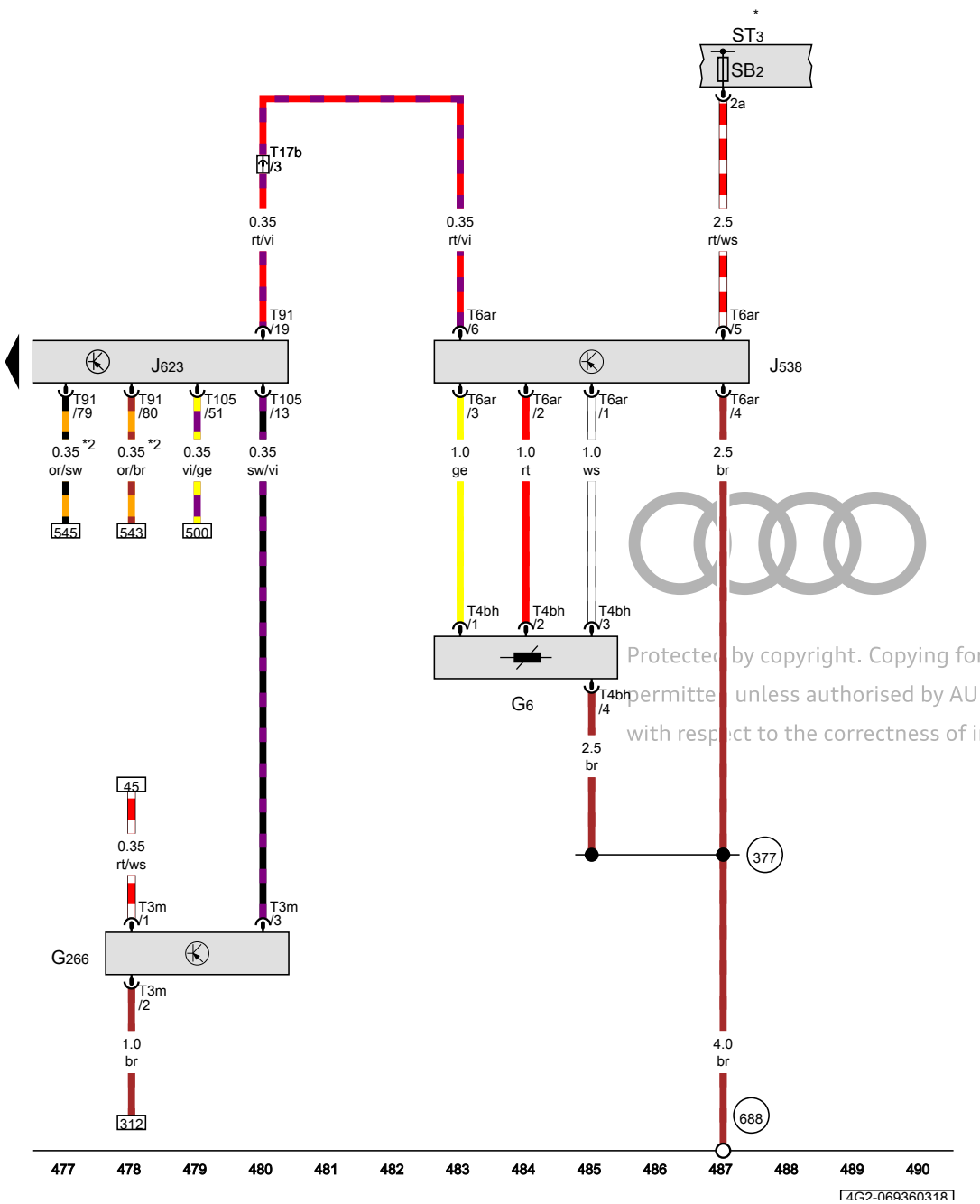
Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2, Radiator fan

J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T91	91-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness



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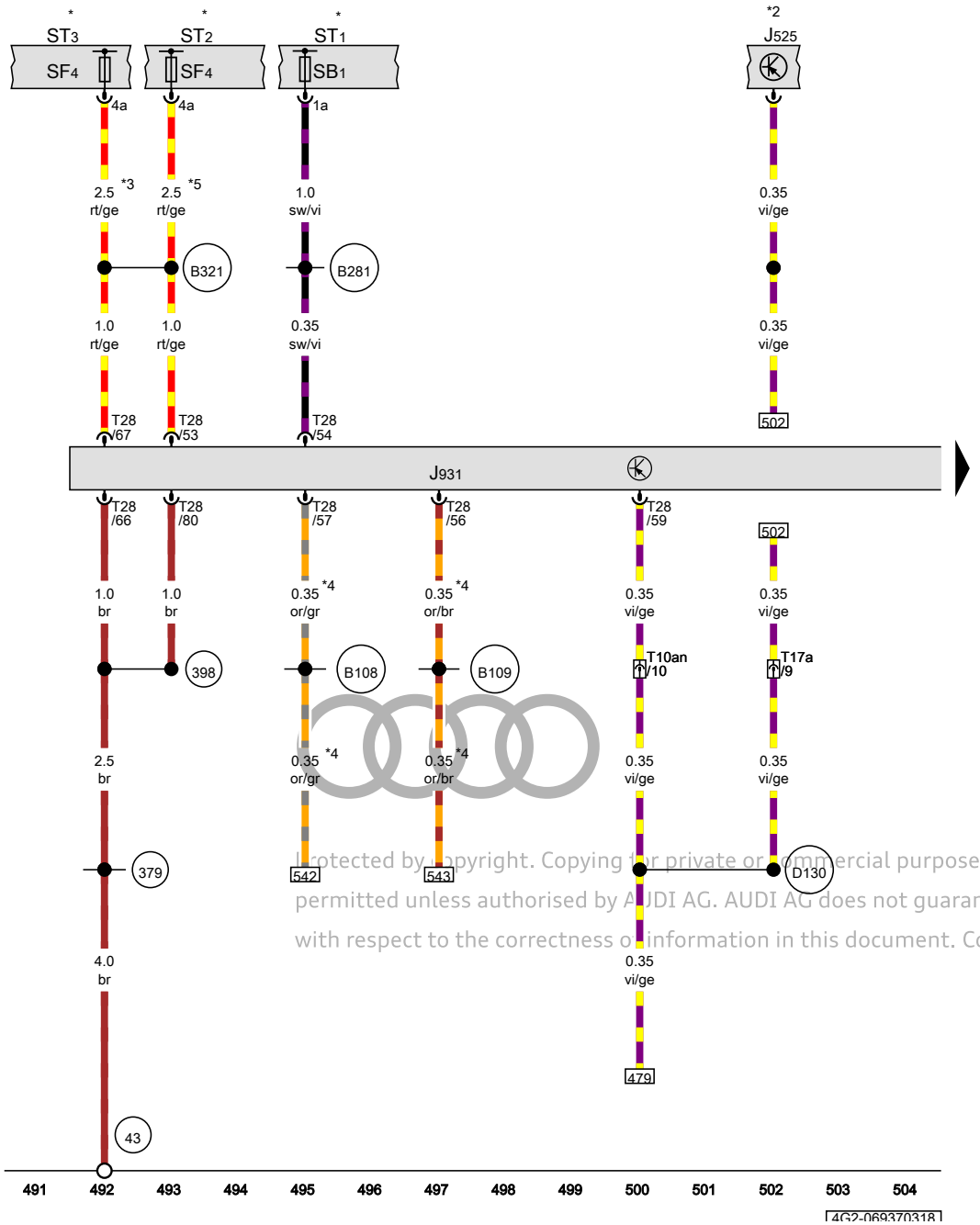


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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bh	4-pin connector, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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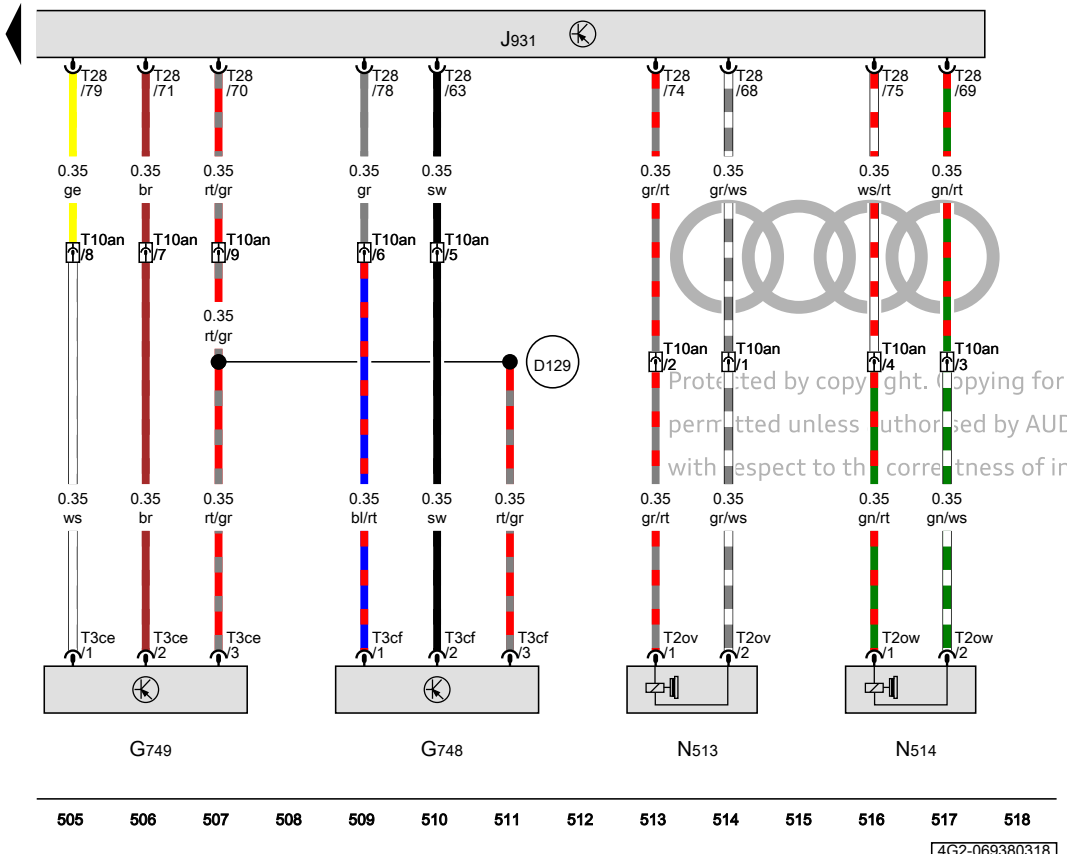
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Power unit mounting control unit

J525	Digital sound package control unit
J931	Power unit mounting control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T10an	10-pin connector, on front right longitudinal member, behind wheel housing liner, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T28	28-pin connector
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
398	Earth connection 33, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D130	Connection 28 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for sound system
*3	Up to May 2014
*4	Data bus wire (CAN bus)
*5	From June 2014

Power unit mounting sender 1, Power unit mounting sender 2, Power unit mounting control unit, Power unit mounting actuator 1

G748	Power unit mounting sender 1
G749	Power unit mounting sender 2
J931	Power unit mounting control unit
N513	Power unit mounting actuator 1
N514	Power unit mounting actuator 2
T2ov	2-pin connector
T2ow	2-pin connector
T3ce	3-pin connector
T3cf	3-pin connector
T10an	10-pin connector, on front right longitudinal member, behind wheel housing liner, black
T28	28-pin connector
D129	Connection 27 in engine compartment wiring harness

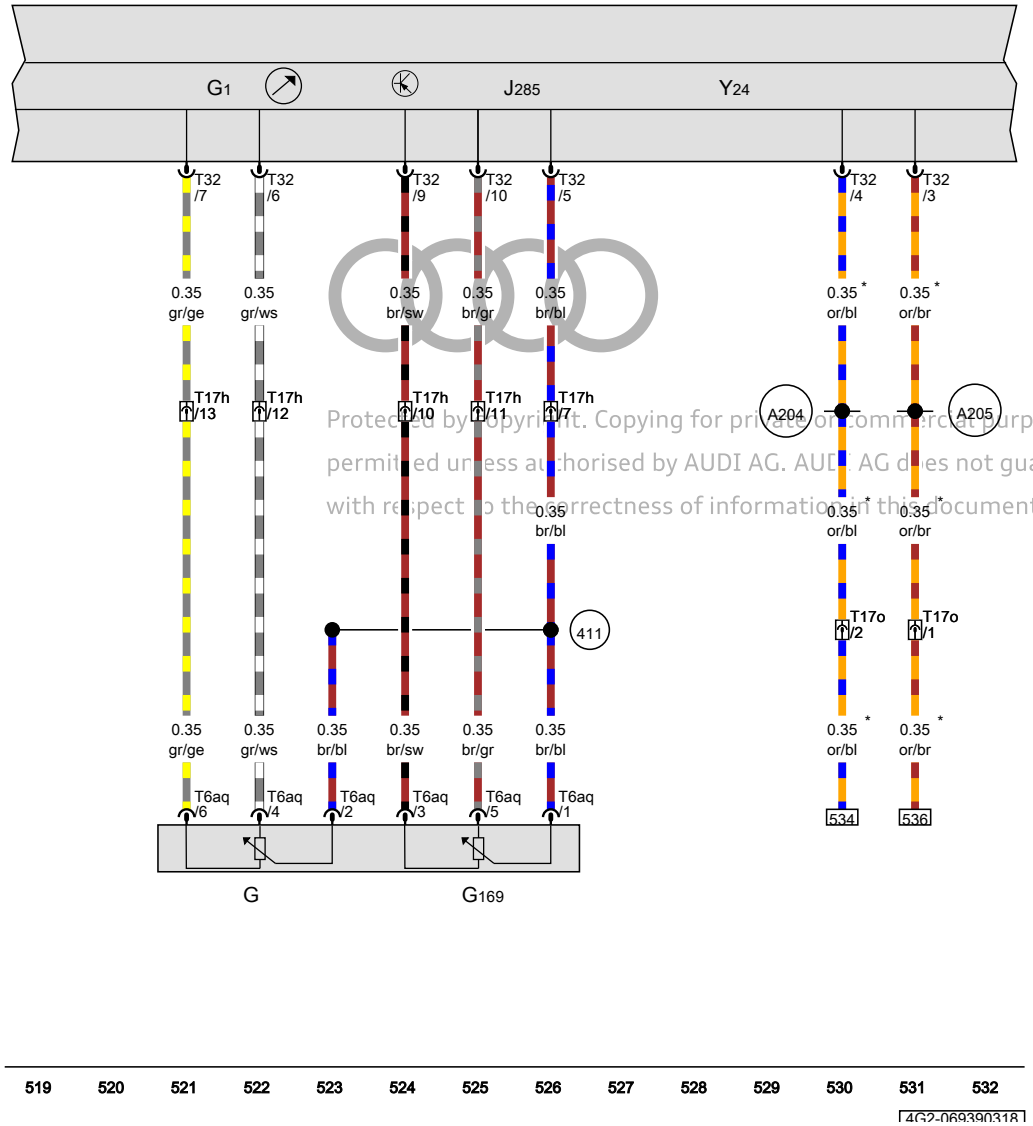


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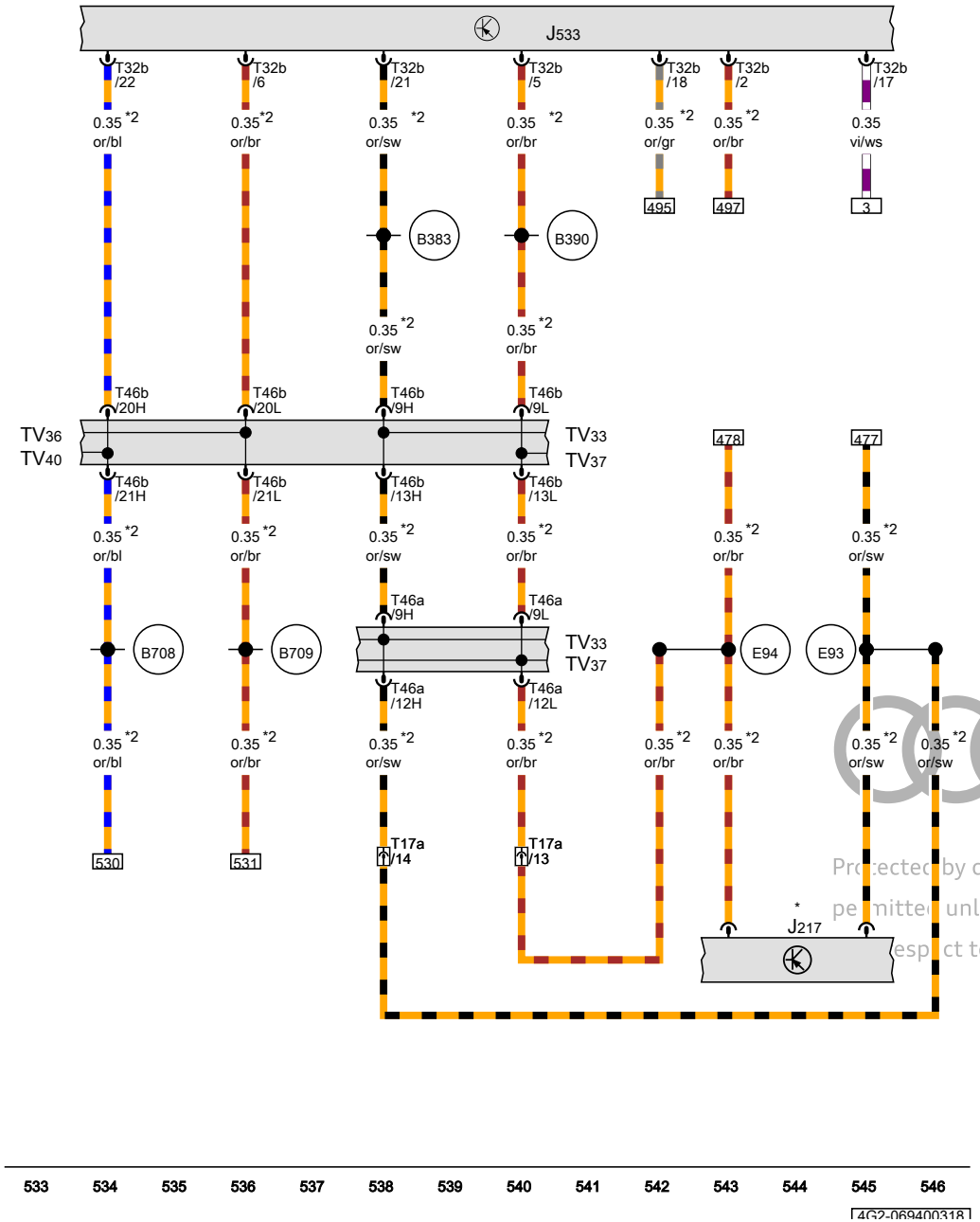
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)



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Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector, black
T46b	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Data bus wire (CAN bus)

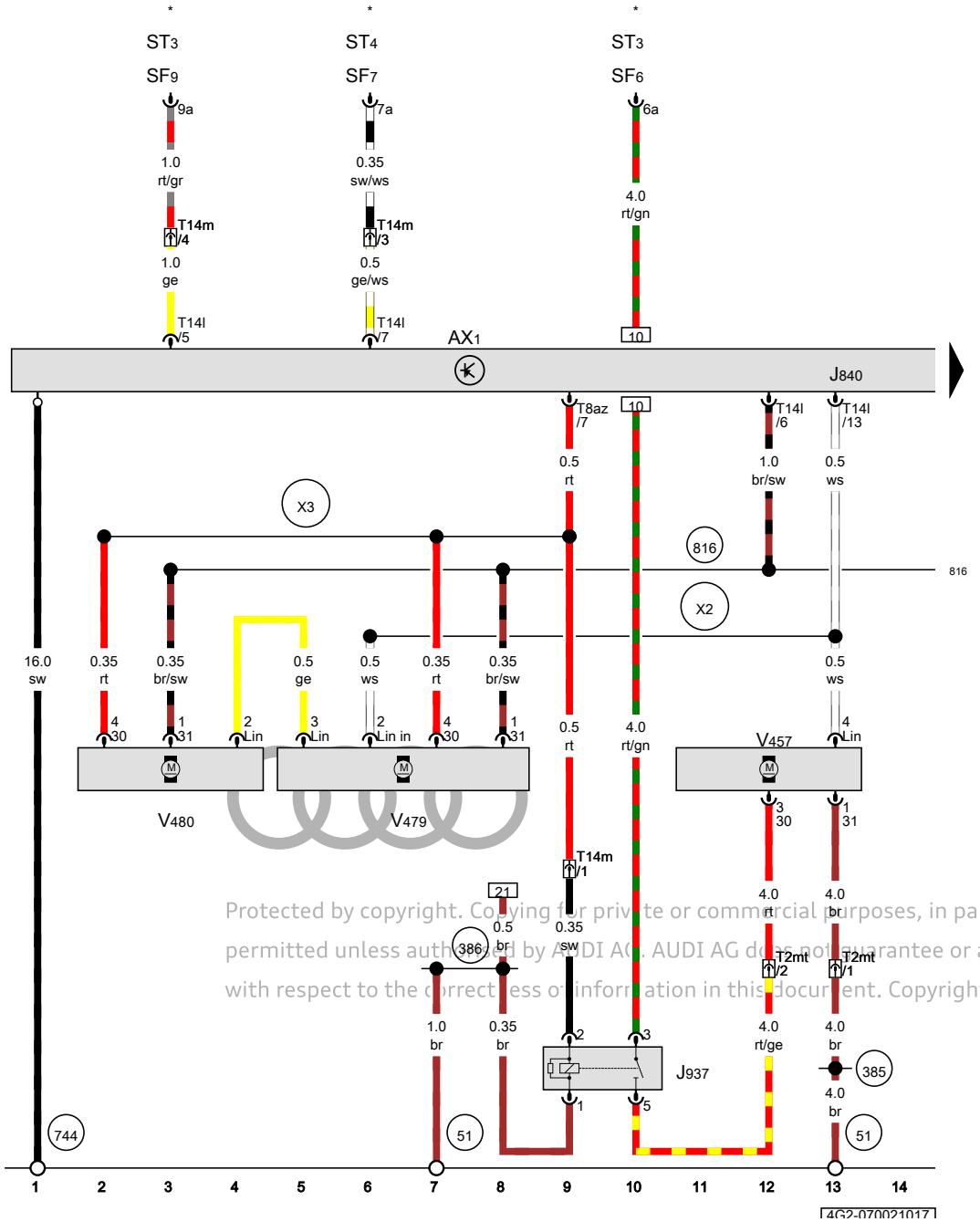
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High-voltage system

From December 2011

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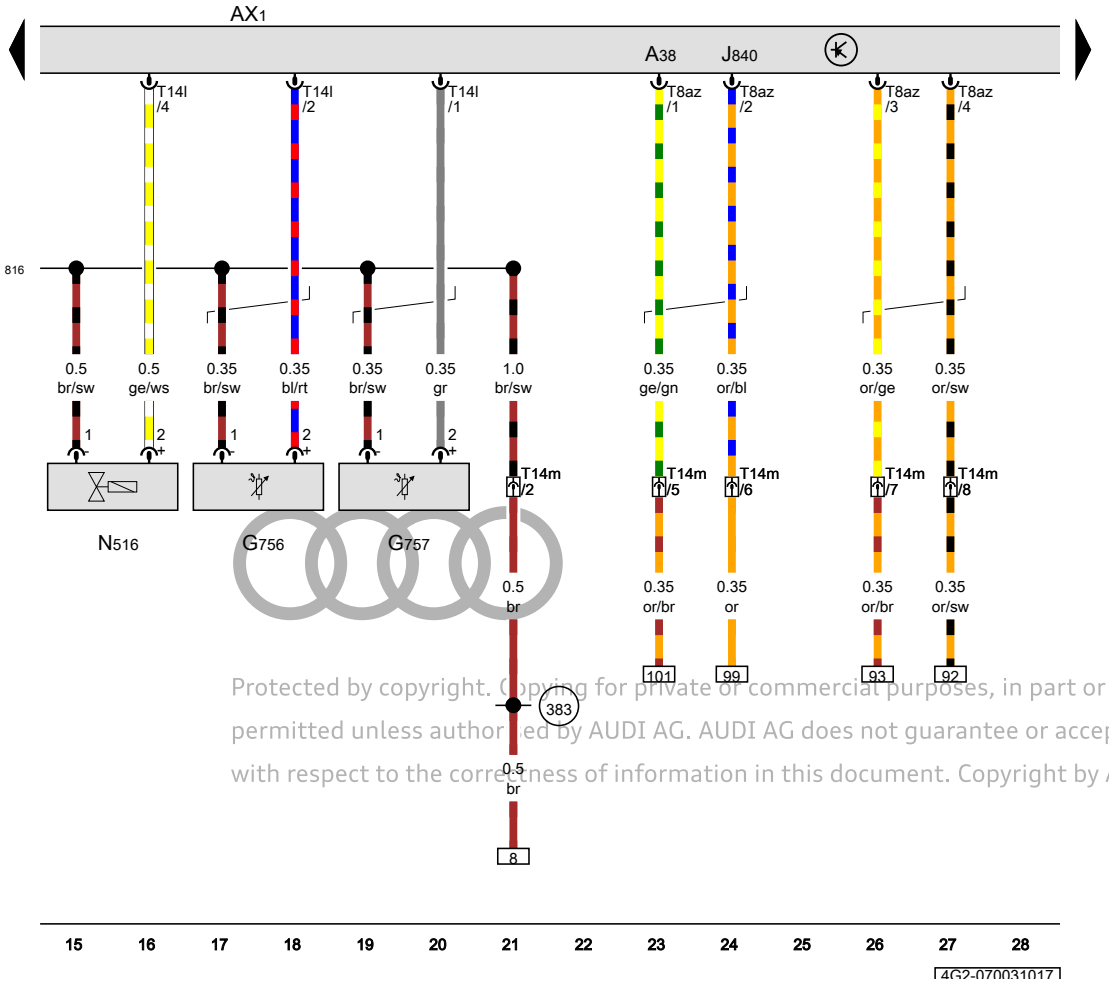
Hybrid battery unit, Air recirculation flap 1 control motor for hybrid battery

AX1	Hybrid battery unit
J840	Battery regulation control unit
J937	Fan enabling relay, on relay and fuse carrier, on right in luggage compartment
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF9	Fuse 9 in fuse holder F
T2mt	2-pin connector, in luggage compartment, in spare wheel well
T8az	8-pin connector
T14l	14-pin connector
T14m	14-pin connector, in luggage compartment, in spare wheel well
V457	Battery fan 1
V479	Air recirculation flap 1 control motor for hybrid battery
V480	Air recirculation flap 2 control motor for hybrid battery
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
386	Earth connection 21, in main wiring harness
744	Earth point in spare wheel well
816	Earth connection 1, in hybrid system wiring harness
X2	Connection 1 (LIN bus) in hybrid system wiring harness
X3	Connection 1, in hybrid system wiring harness
*	see applicable current flow diagram for fuse assignment

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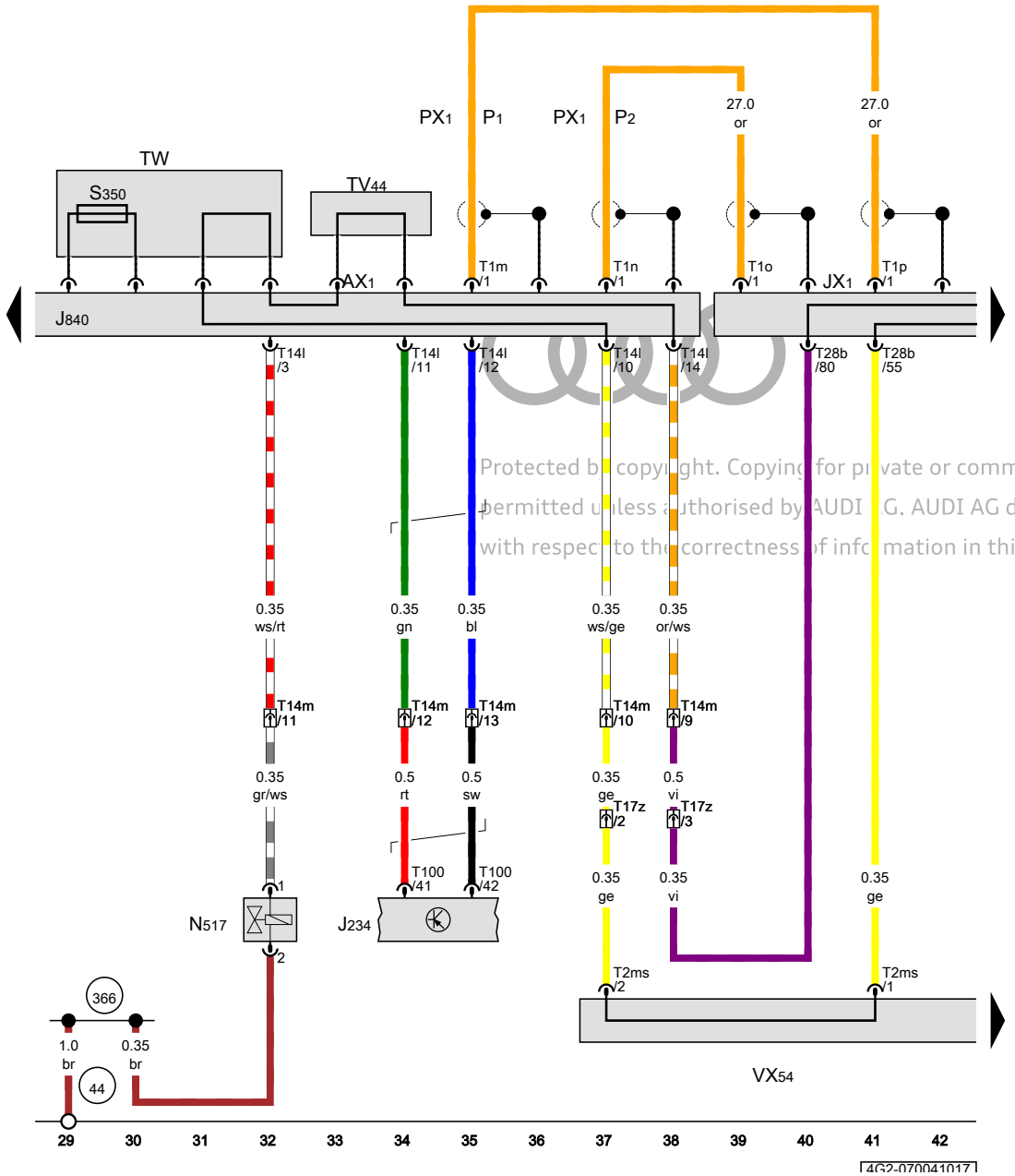
Hybrid battery unit, Hybrid battery, Temperature sensor before evaporator for hybrid battery, Temperature sensor after evaporator for hybrid battery, Refrigerant shut-off valve 1 for hybrid battery

AX1	Hybrid battery unit
A38	Hybrid battery
G756	Temperature sensor before evaporator for hybrid battery
G757	Temperature sensor after evaporator for hybrid battery
J840	Battery regulation control unit
N516	Refrigerant shut-off valve 1 for hybrid battery
T8az	8-pin connector
T14l	14-pin connector
T14m	14-pin connector, in luggage compartment, in spare wheel well
383	Earth connection 18, in main wiring harness
816	Earth connection 1, in hybrid system wiring harness



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Hybrid battery unit, Power and control electronics for electric drive, High-voltage wiring harness for high-voltage battery, Maintenance connector for high-voltage system, Three-phase current drive

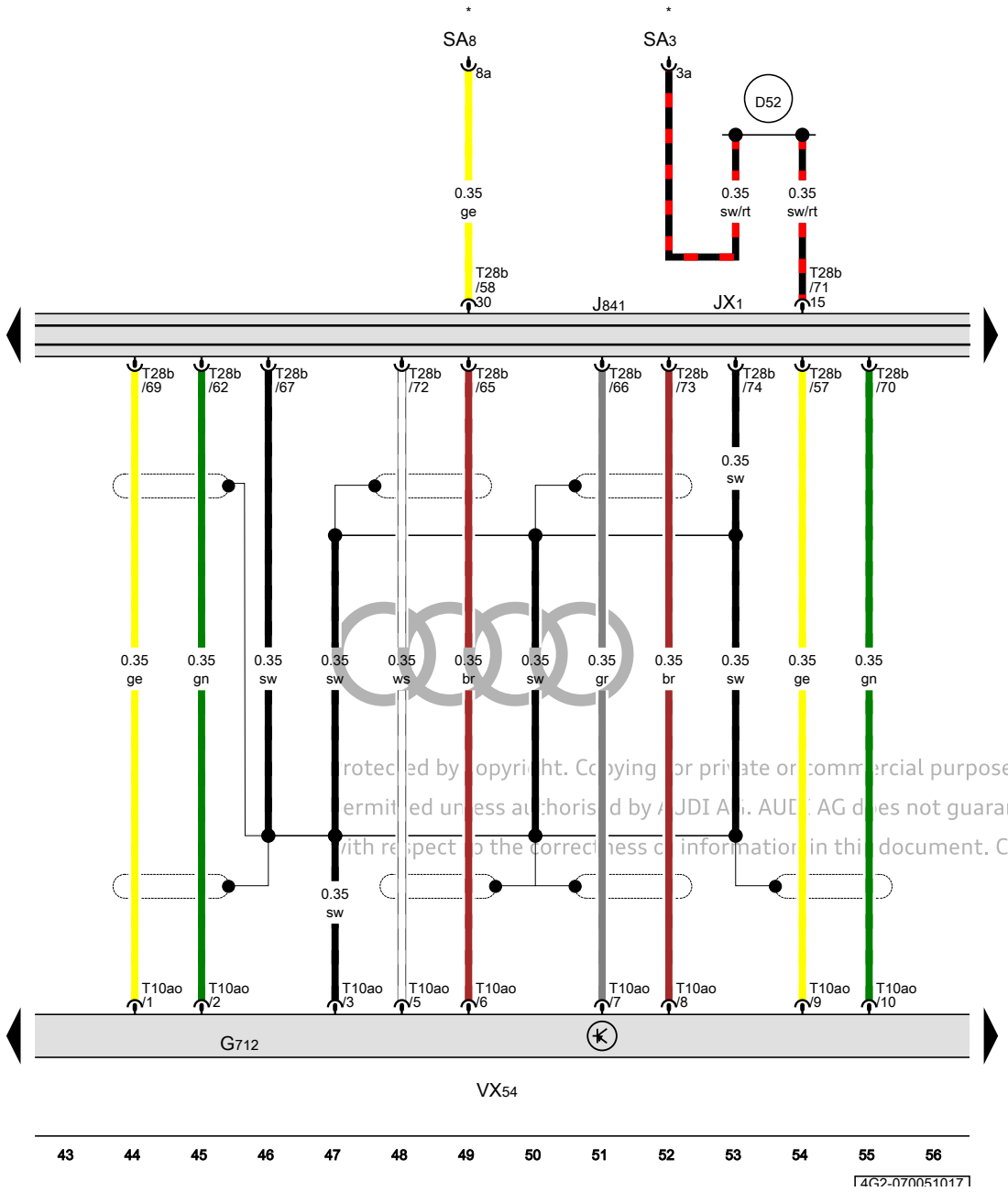
AX1	Hybrid battery unit
JX1	Power and control electronics for electric drive
J234	Airbag control unit
J840	Battery regulation control unit
N517	Refrigerant shut-off valve 2 for hybrid battery
PX1	High-voltage wiring harness for high-voltage battery
P1	High-voltage wire for hybrid battery, positive terminal
P2	High-voltage wire for hybrid battery, negative terminal
S350	High-voltage system fuse 1
T1m	1-pin connector
T1n	1-pin connector
T1o	1-pin connector
T1p	1-pin connector
T2ms	2-pin connector
T14l	14-pin connector
T14m	14-pin connector, in luggage compartment, in spare wheel well
T17z	17-pin connector, brown
T28b	28-pin connector
TV44	Pilot line connector 1
T100	100-pin connector
TW	Maintenance connector for high-voltage system
VX54	Three-phase current drive
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness

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Drive motor temperature sender, Power and control electronics for electric drive, Three-phase current drive

G712	Drive motor temperature sender
JX1	Power and control electronics for electric drive
J841	Electric drive control unit
SA3	Fuse 3 on fuse holder A
SA8	Fuse 8 on fuse holder A
T10ao	10-pin connector
T28b	28-pin connector
VX54	Three-phase current drive
D52	Positive connection (15a), in engine compartment wiring harness
*	see applicable current flow diagram for engine

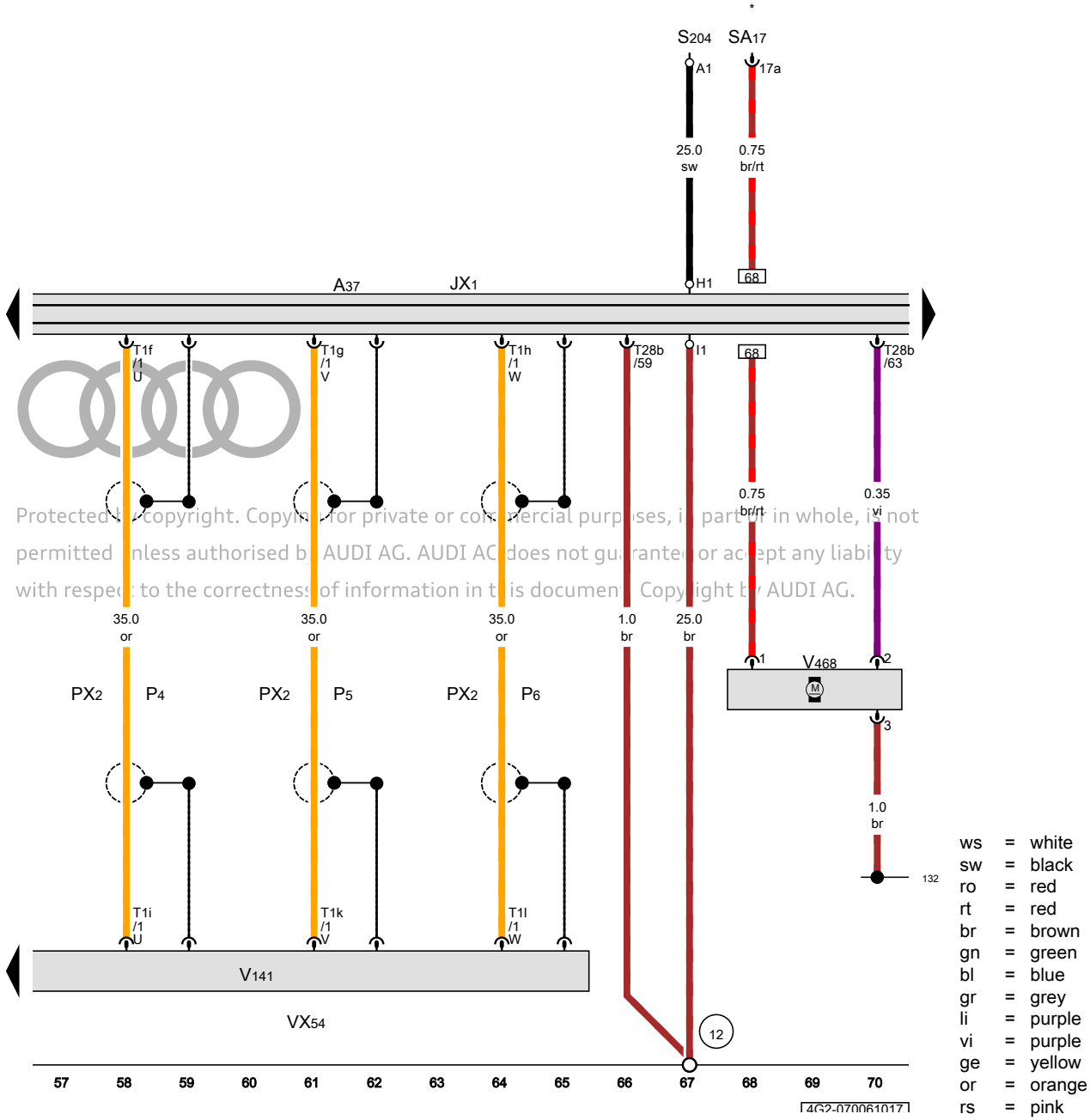


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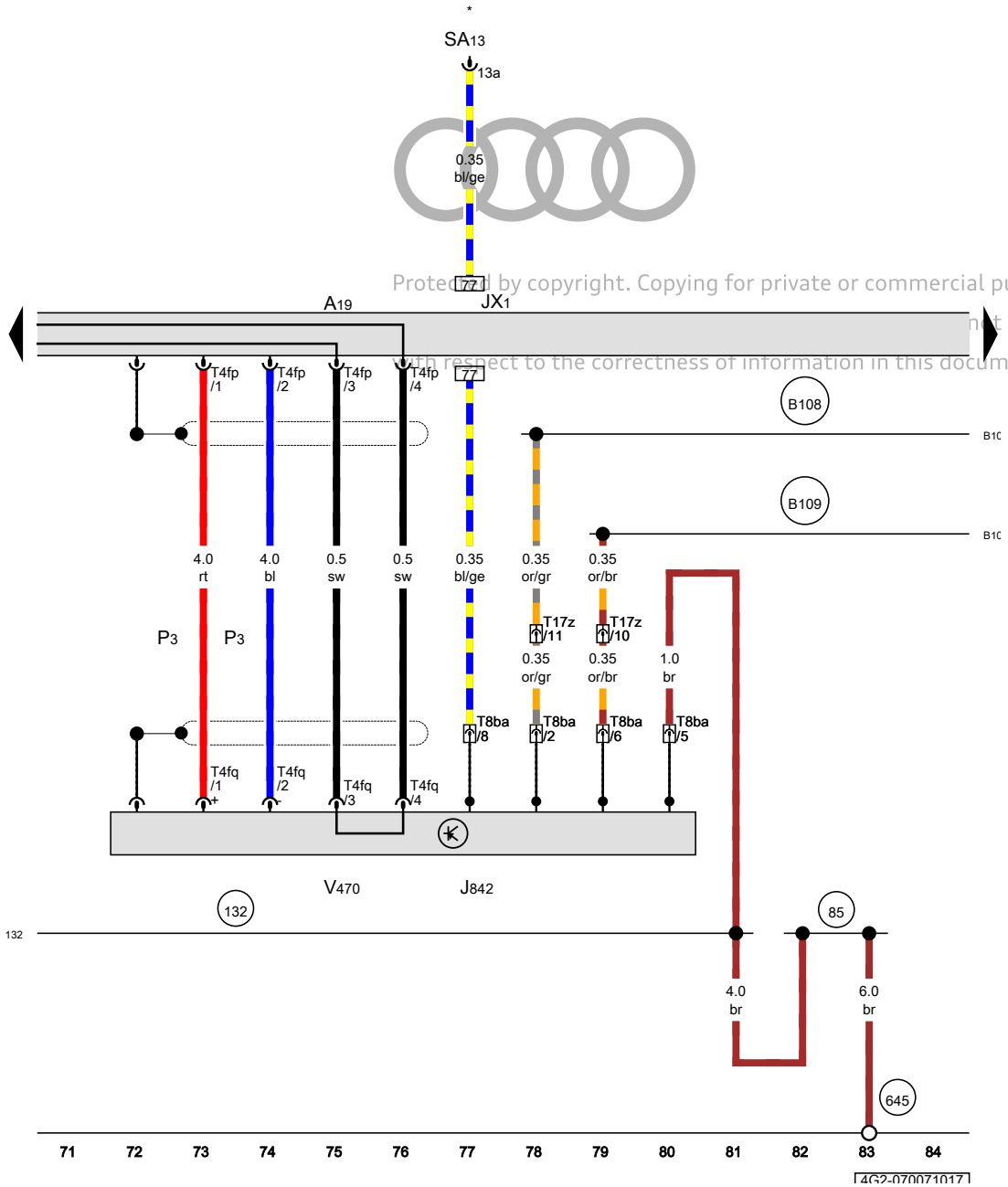
DC/AC converter for drive motor, Power and control electronics for electric drive, High-voltage wiring harness for drive motor, Three-phase current drive, Electric drive motor

A37	DC/AC converter for drive motor
JX1	Power and control electronics for electric drive
PX2	High-voltage wiring harness for drive motor
P4	High-voltage wire 1 for drive motor
P5	High-voltage wire 2 for drive motor
P6	High-voltage wire 3 for drive motor
SA17	Fuse 17 on fuse holder A
S204	Fuse 1 (30), front left in engine compartment
T1f	1-pin connector
T1g	1-pin connector
T1h	1-pin connector
T1i	1-pin connector
T1k	1-pin connector
T1l	1-pin connector
T28b	28-pin connector
VX54	Three-phase current drive
V141	Electric drive motor
V468	Coolant pump for low-temperature circuit
12	Earth point, on left in engine compartment
132	Earth connection 3, in engine compartment wiring harness
*	see applicable current flow diagram for engine



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Voltage converter, Power and control electronics for electric drive, Control unit for air conditioning compressor, High-voltage wire for electrical air conditioner compressor, Electrical air conditioner compressor

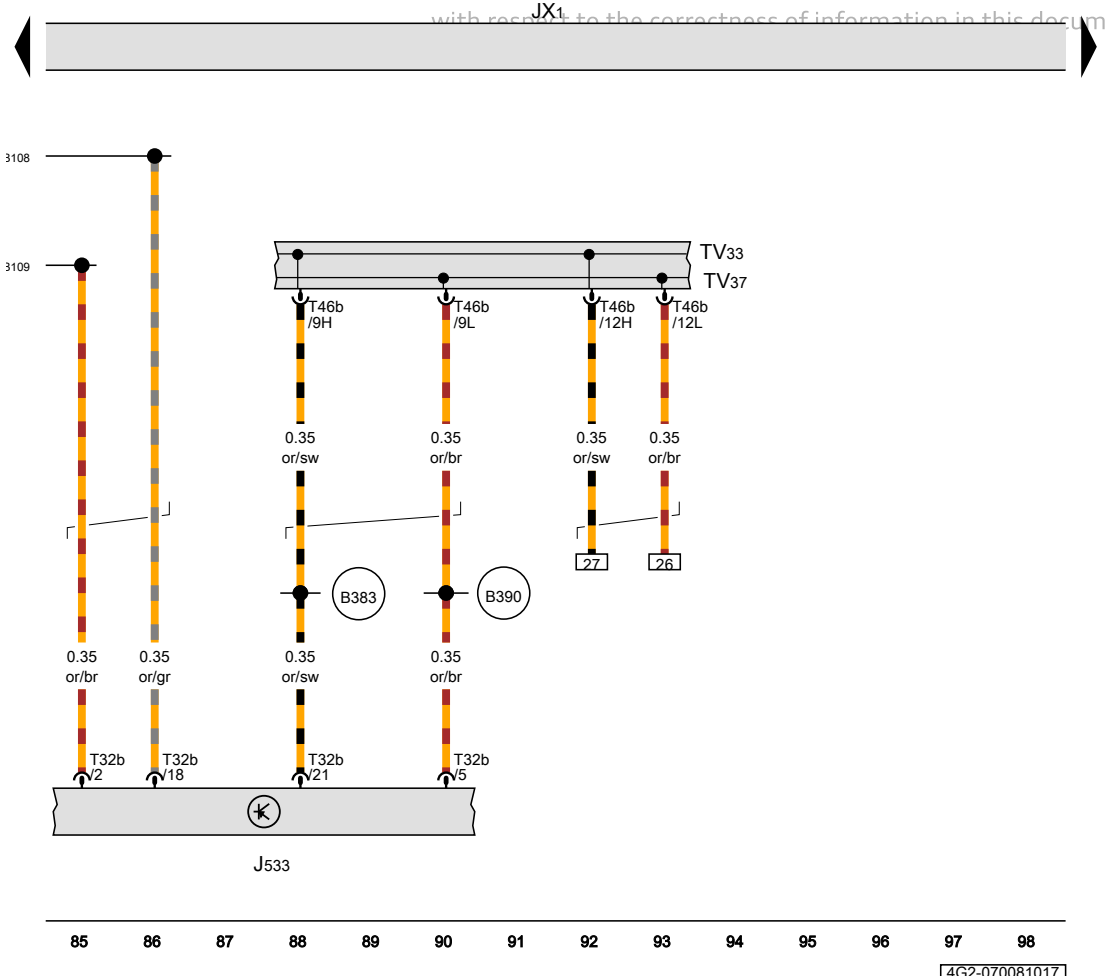
A19	Voltage converter
JX1	Power and control electronics for electric drive
J842	Control unit for air conditioning compressor
P3	High-voltage wire for electrical air conditioner compressor
SA13	Fuse 13 on fuse holder A
T4fp	4-pin connector
T4fq	4-pin connector
T8ba	8-pin connector
T17z	17-pin connector, brown
V470	Electrical air conditioner compressor
85	Earth connection 1, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for engine

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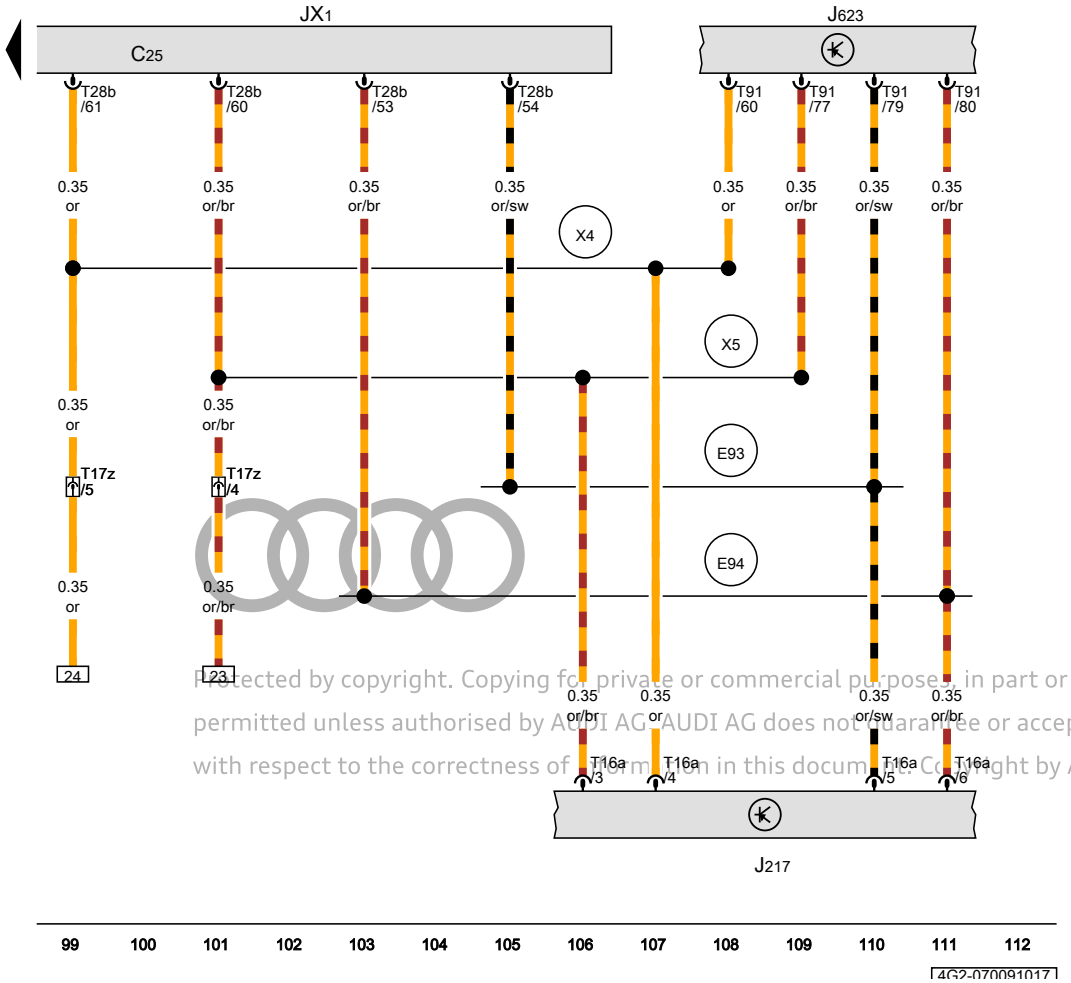
Power and control electronics for electric drive, Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high

JX1	Power and control electronics for electric drive
J533	Data bus diagnostic interface
T32b	32-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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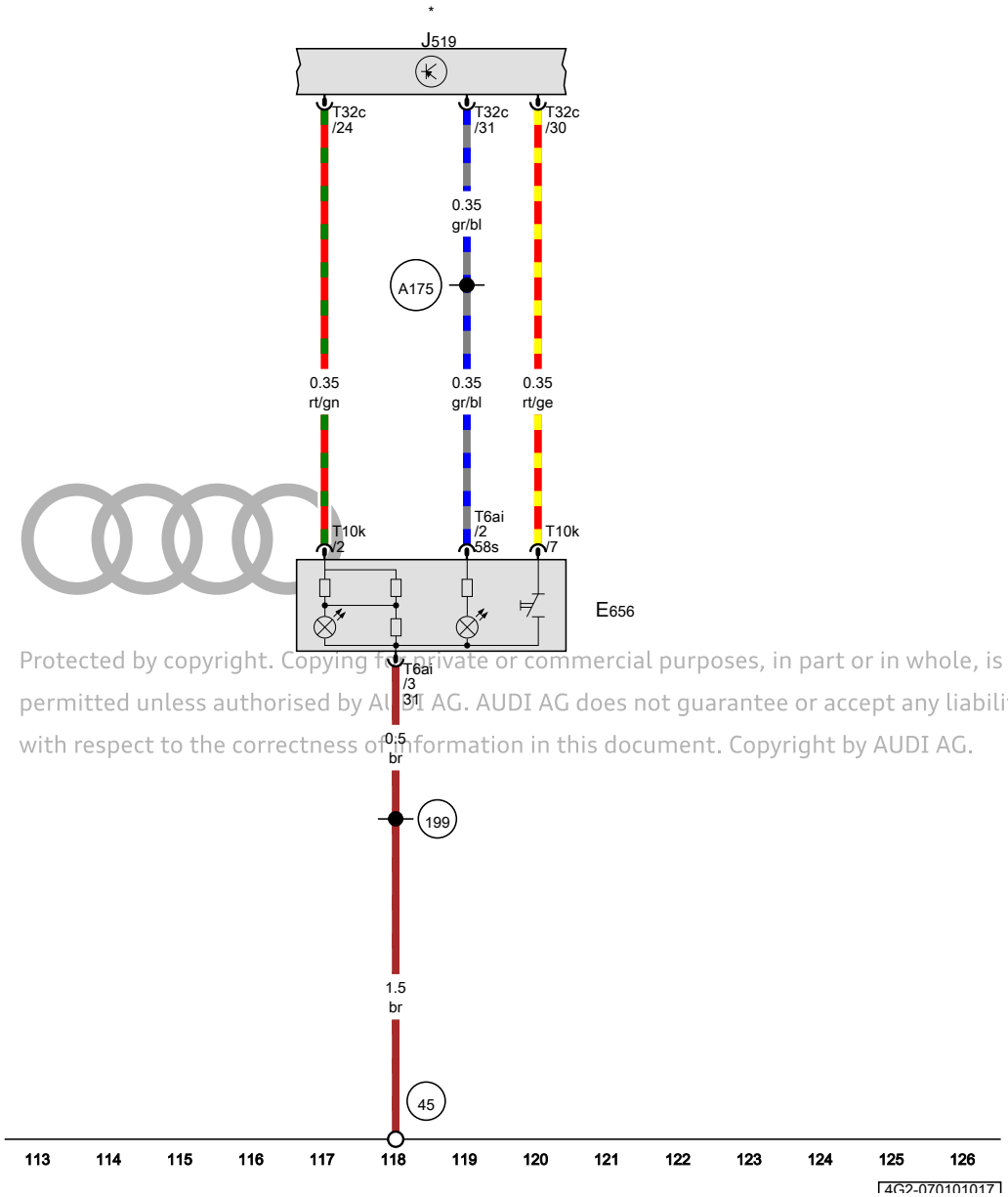
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Power and control electronics for electric drive, Engine/ motor control unit

C25	Intermediate circuit capacitor 1
JX1	Power and control electronics for electric drive
J217	Automatic gearbox control unit
J623	Engine/motor control unit
T16a	16-pin connector
T17z	17-pin connector, brown
T28b	28-pin connector
T91	91-pin connector
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
X4	Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
X5	Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness

Button for electric drive

E656	Button for electric drive
J519	Onboard supply control unit
T6ai	6-pin connector
T10k	10-pin connector
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness
*	see applicable current flow diagram for basic equipment



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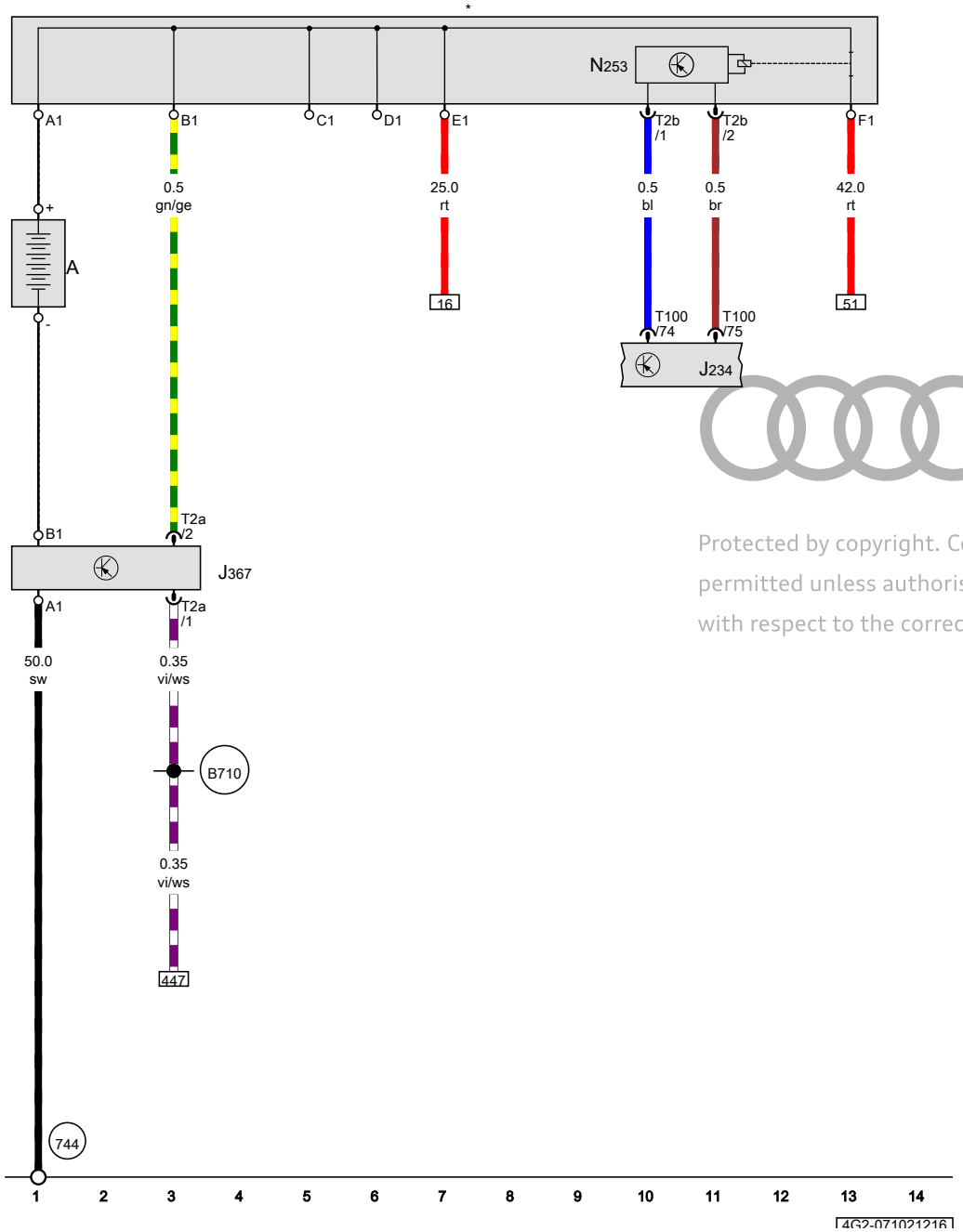
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2.0l petrol engine , CHJA

From December 2011

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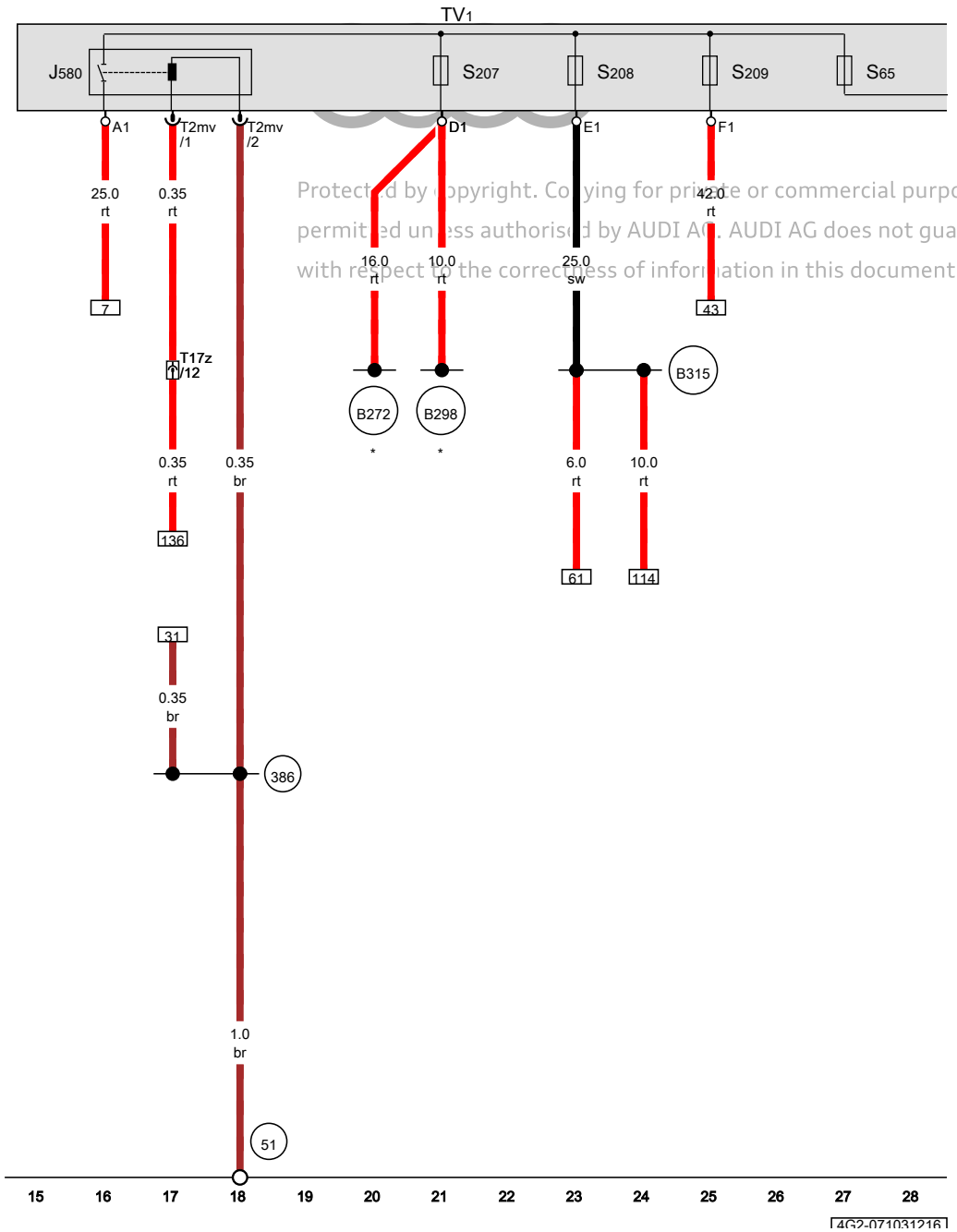
Battery, Battery monitor control unit, Battery isolation igniter



A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
N253	Battery isolation igniter, near battery
T2a	2-pin connector
T2b	2-pin connector
T100	100-pin connector
744	Earth point in spare wheel well
B710	Connection 5 (LIN bus) in main wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment

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Vehicle starter battery switch-over relay, Wiring junction

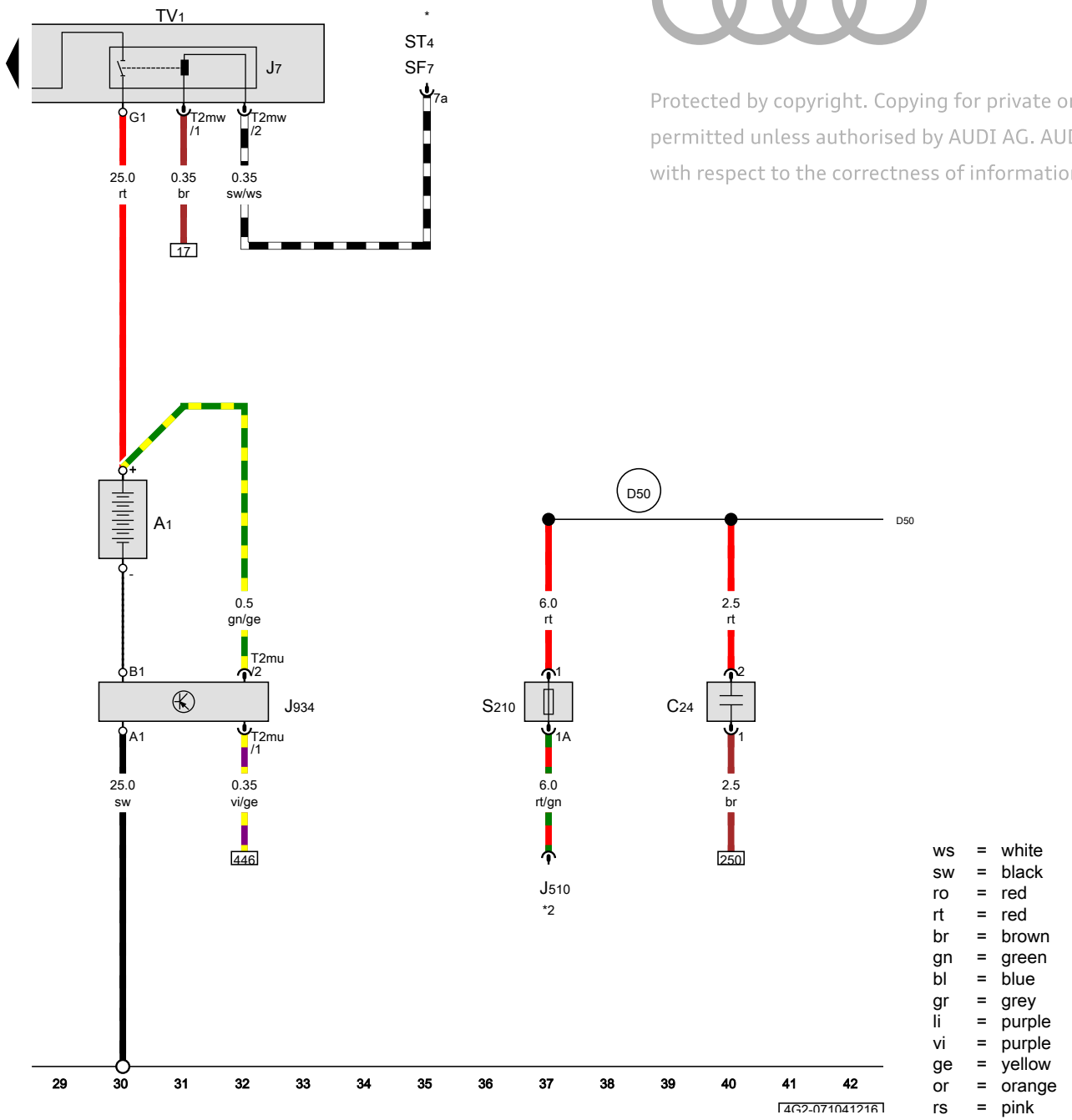
J580	Vehicle starter battery switch-over relay
S65	2nd battery fuse
S207	Fuse 4 (30)
S208	Fuse 5 (30)
S209	Fuse 6 (30)
T2mv	2-pin connector
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber
TV1	Wiring junction, in luggage compartment, in spare wheel well
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Second battery, Suppression filter, Battery isolation relay, Battery monitor control unit 2, Wiring junction

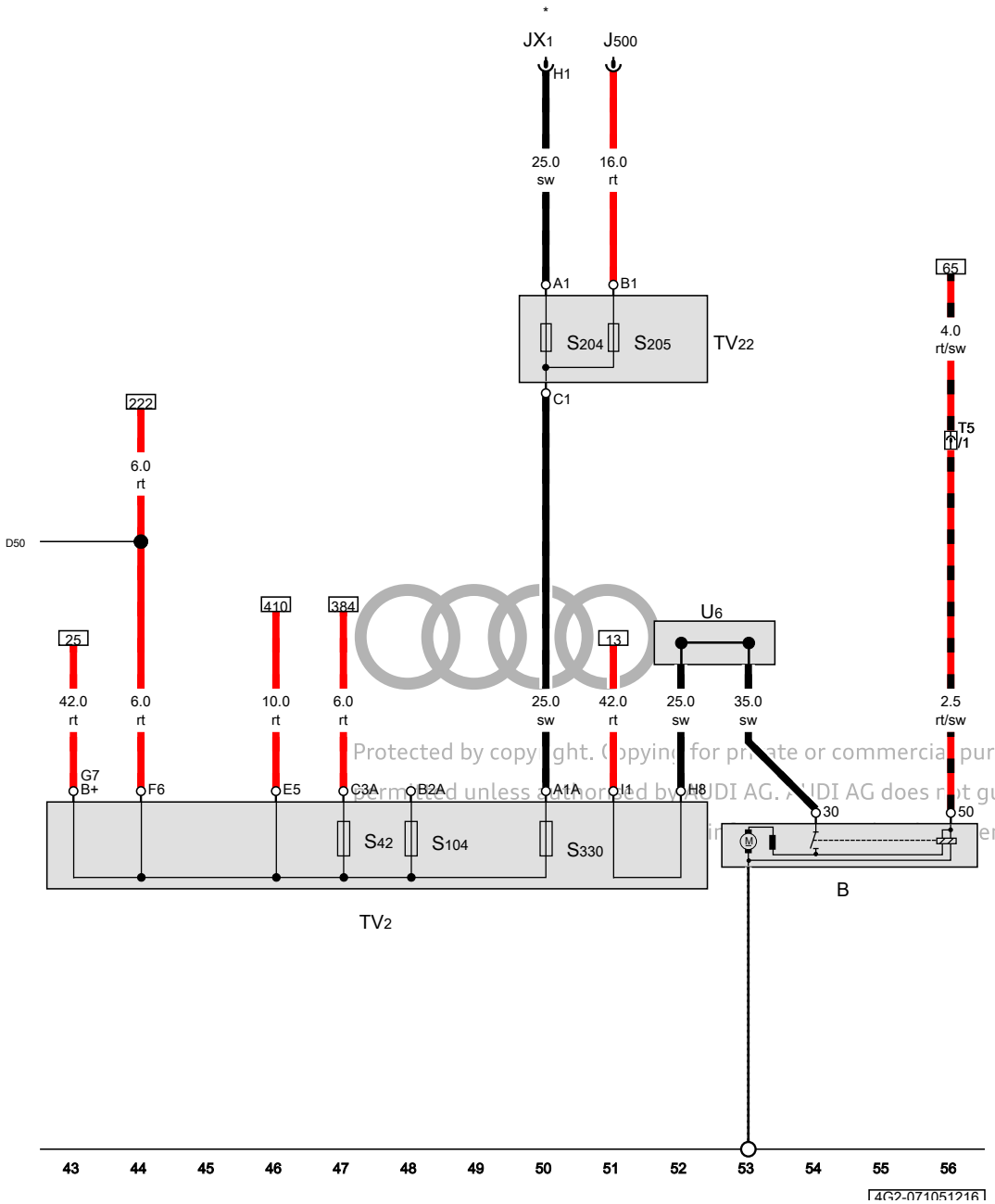
A1	Second battery
C24	Suppression filter
J7	Battery isolation relay
J510	Gearbox hydraulic pump relay
J934	Battery monitor control unit 2
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
S210	Fuse 7 (30)
T2mu	2-pin connector
T2mw	2-pin connector
TV1	Wiring junction, in luggage compartment, in spare wheel well
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for automatic gearbox



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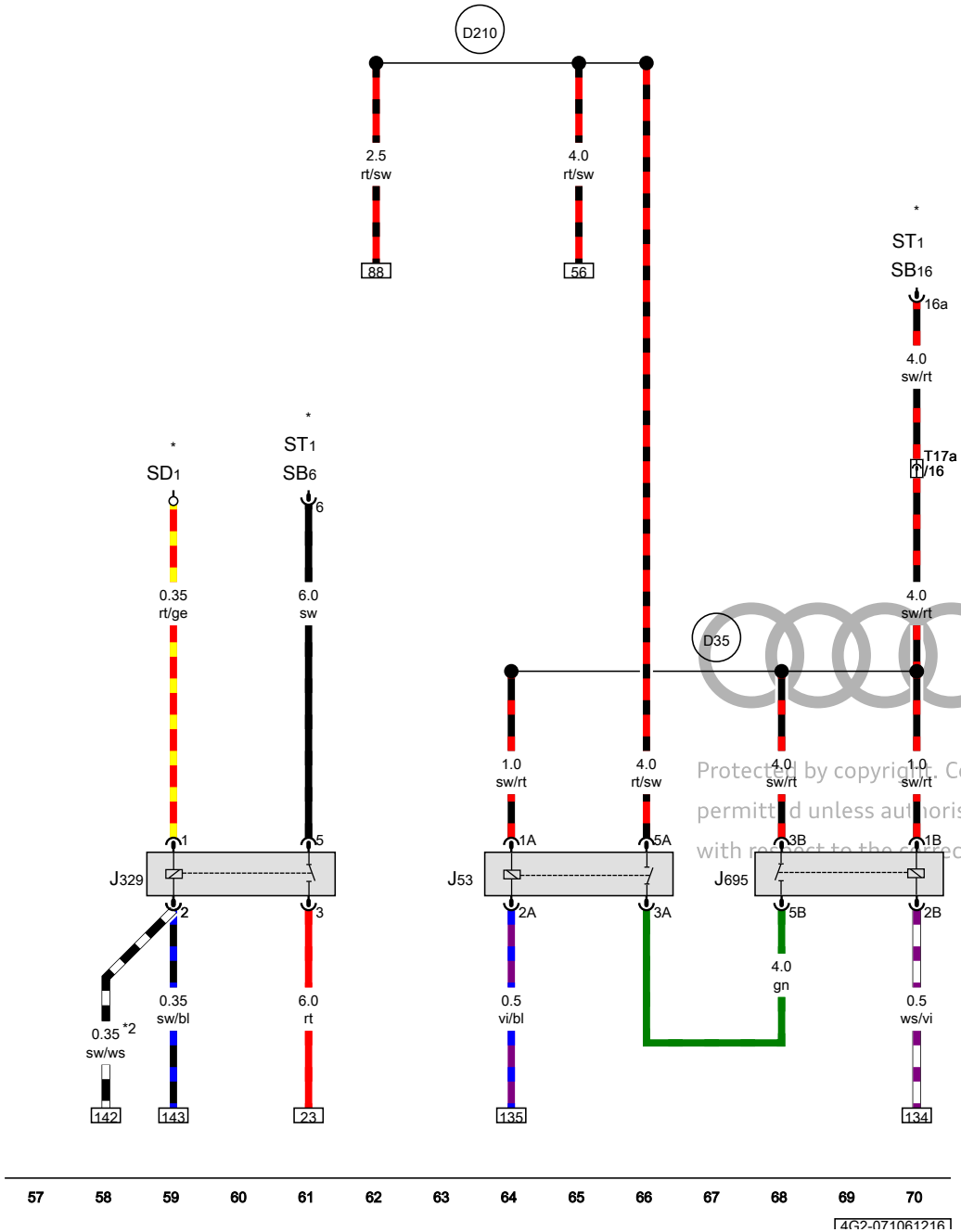
Starter, Fuse 1 (30)

B	Starter
JX1	Power and control electronics for electric drive
J500	Power steering control unit
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
S204	Fuse 1 (30), front left in engine compartment
S205	Fuse 2 (30), front left in engine compartment
S330	Wiring junction fuse
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for high-voltage system



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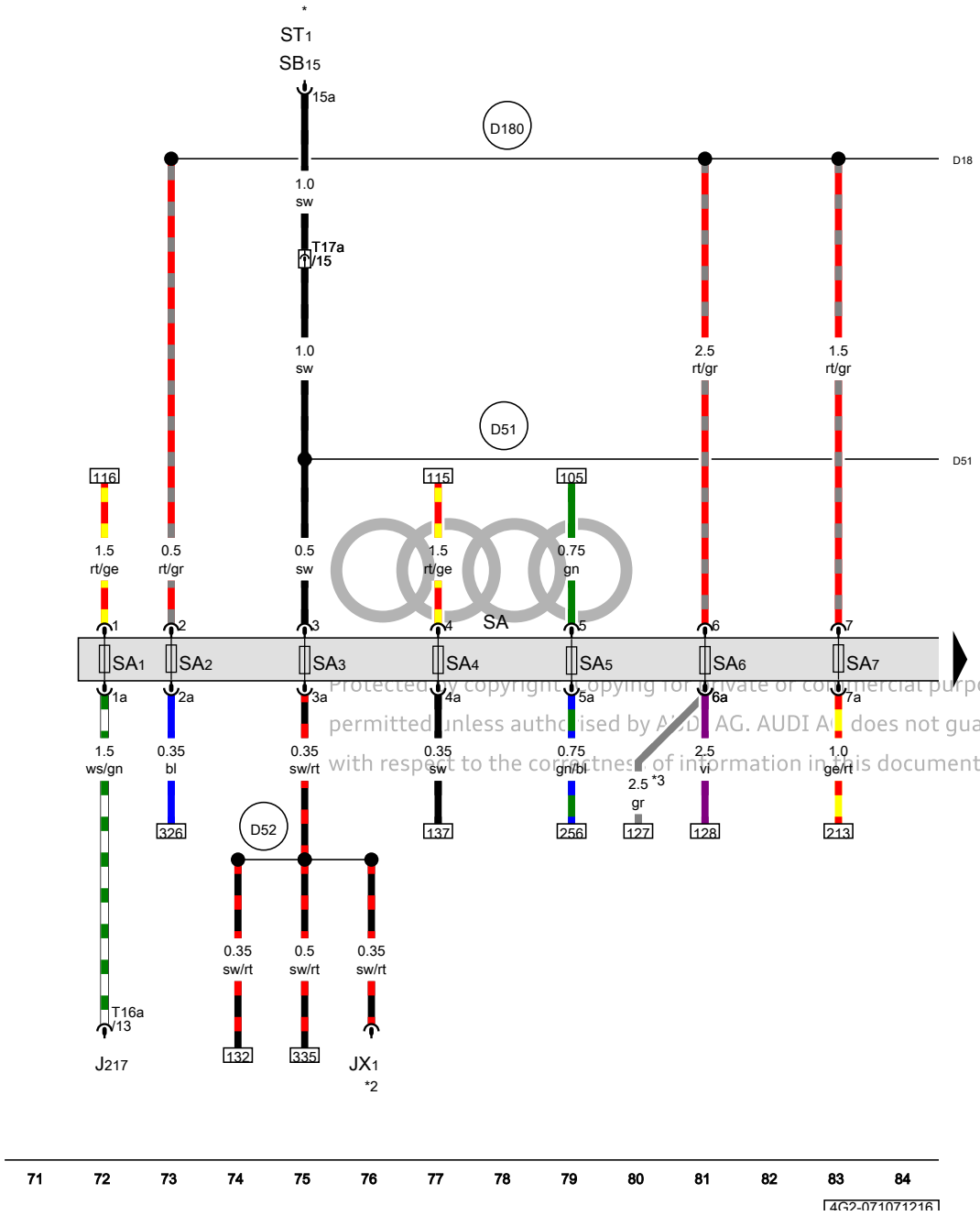


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB6	Fuse 6 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models

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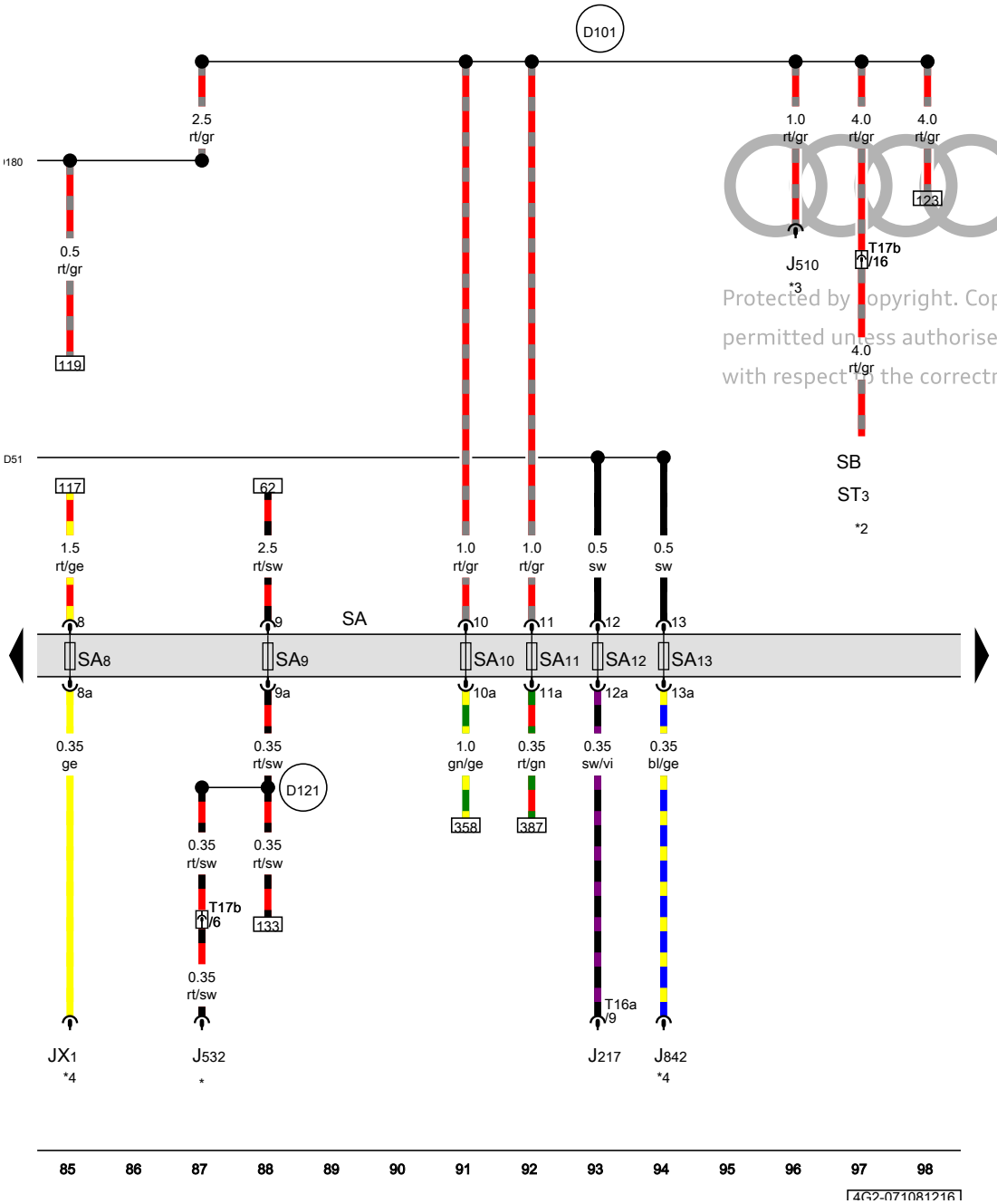


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Fuse holder A

JX1	Power and control electronics for electric drive
J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for high-voltage system
*3	From August 2013

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sw	=	black
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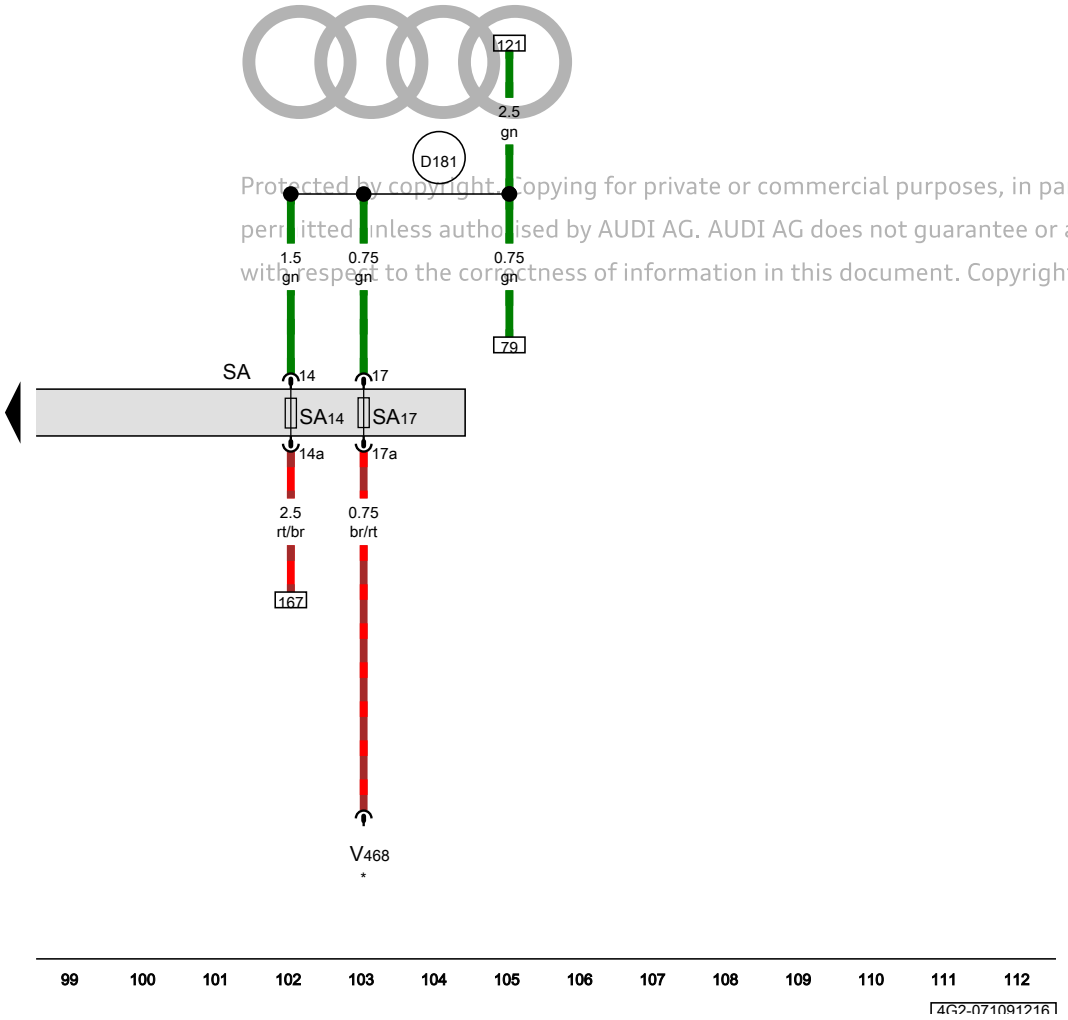
Fuse holder A

JX1	Power and control electronics for electric drive
J217	Automatic gearbox control unit
J510	Gearbox hydraulic pump relay
J532	Voltage stabiliser
J842	Control unit for air conditioning compressor
SA	Fuse holder A
ST3	Fuse carrier 3
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SB	Fuse holder B
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for automatic gearbox
*4	see applicable current flow diagram for high-voltage system

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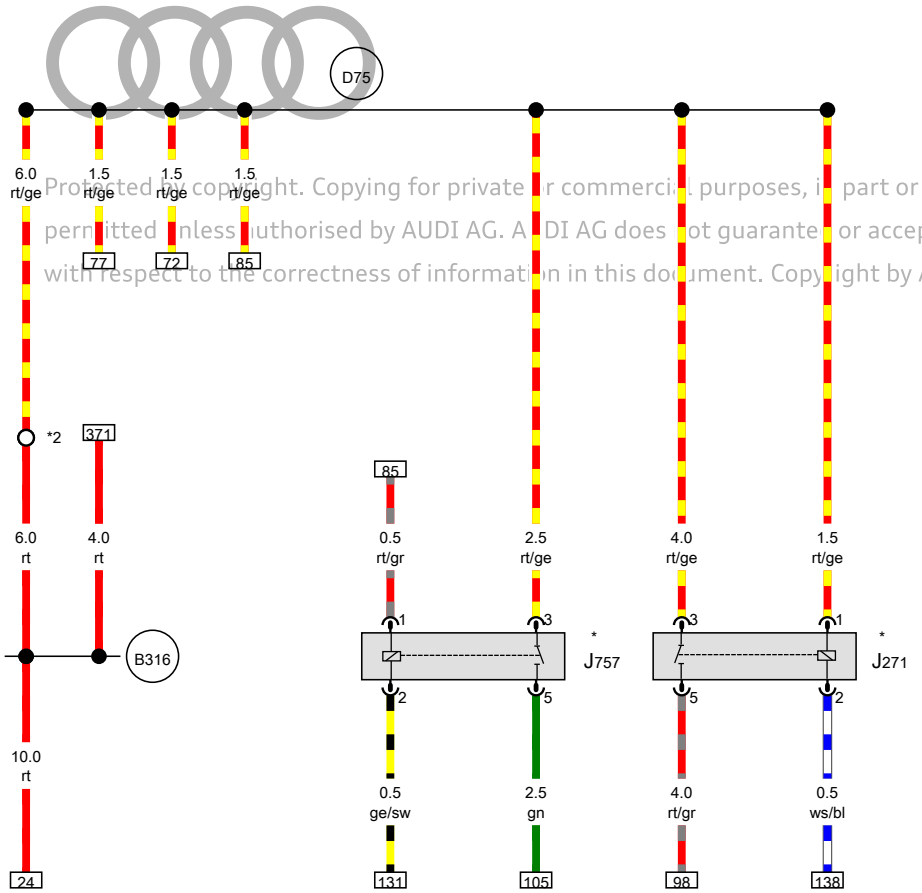
Fuse holder A, Connection 2 (87a), in engine compartment wiring harness

SA	Fuse holder A
SA14	Fuse 14 on fuse holder A
SA17	Fuse 17 on fuse holder A
V468	Coolant pump for low-temperature circuit
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for high-voltage system



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Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

B316 Positive connection 2 (30a) in main wiring harness

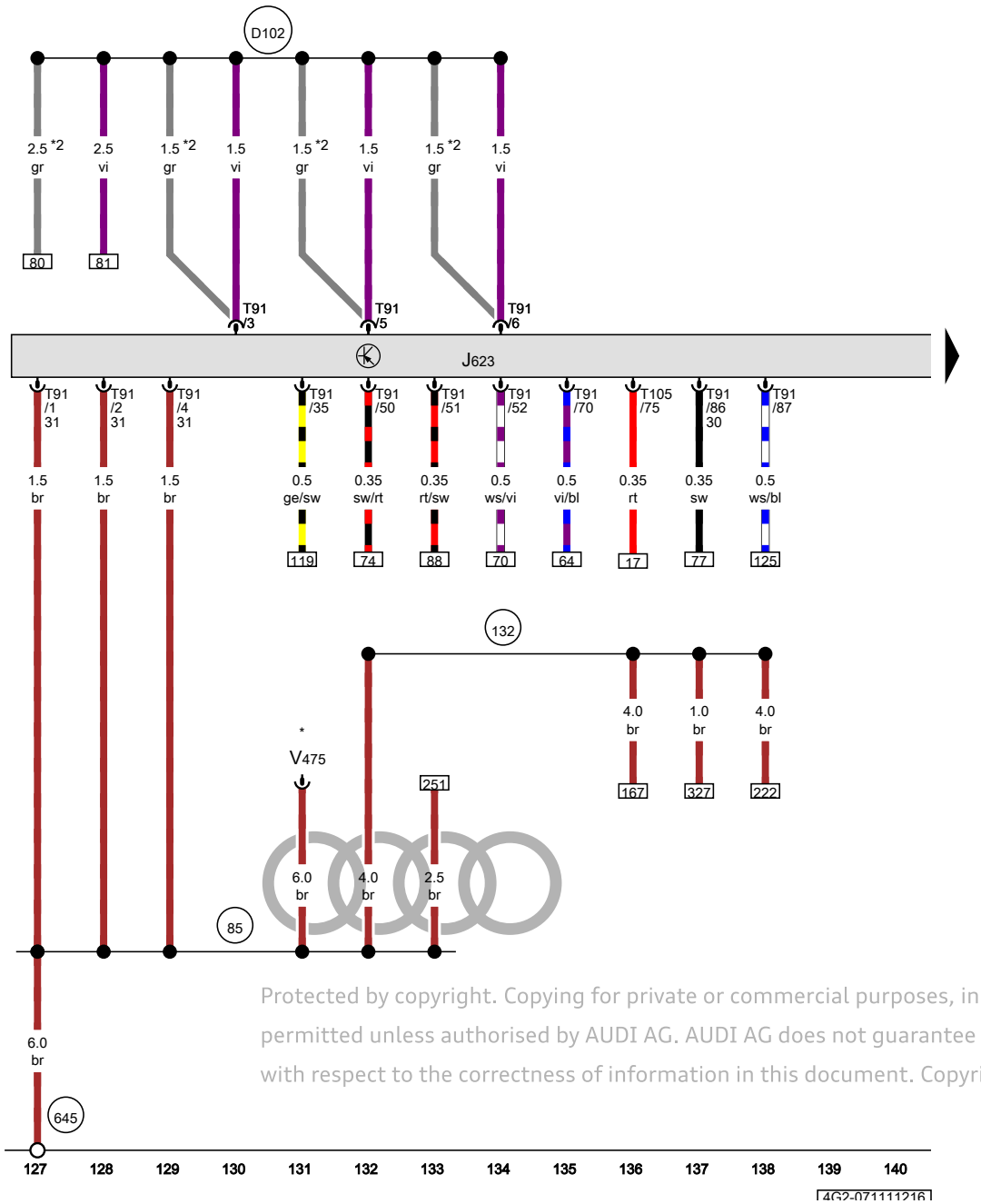
D75 Positive connection 2 (30), in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber

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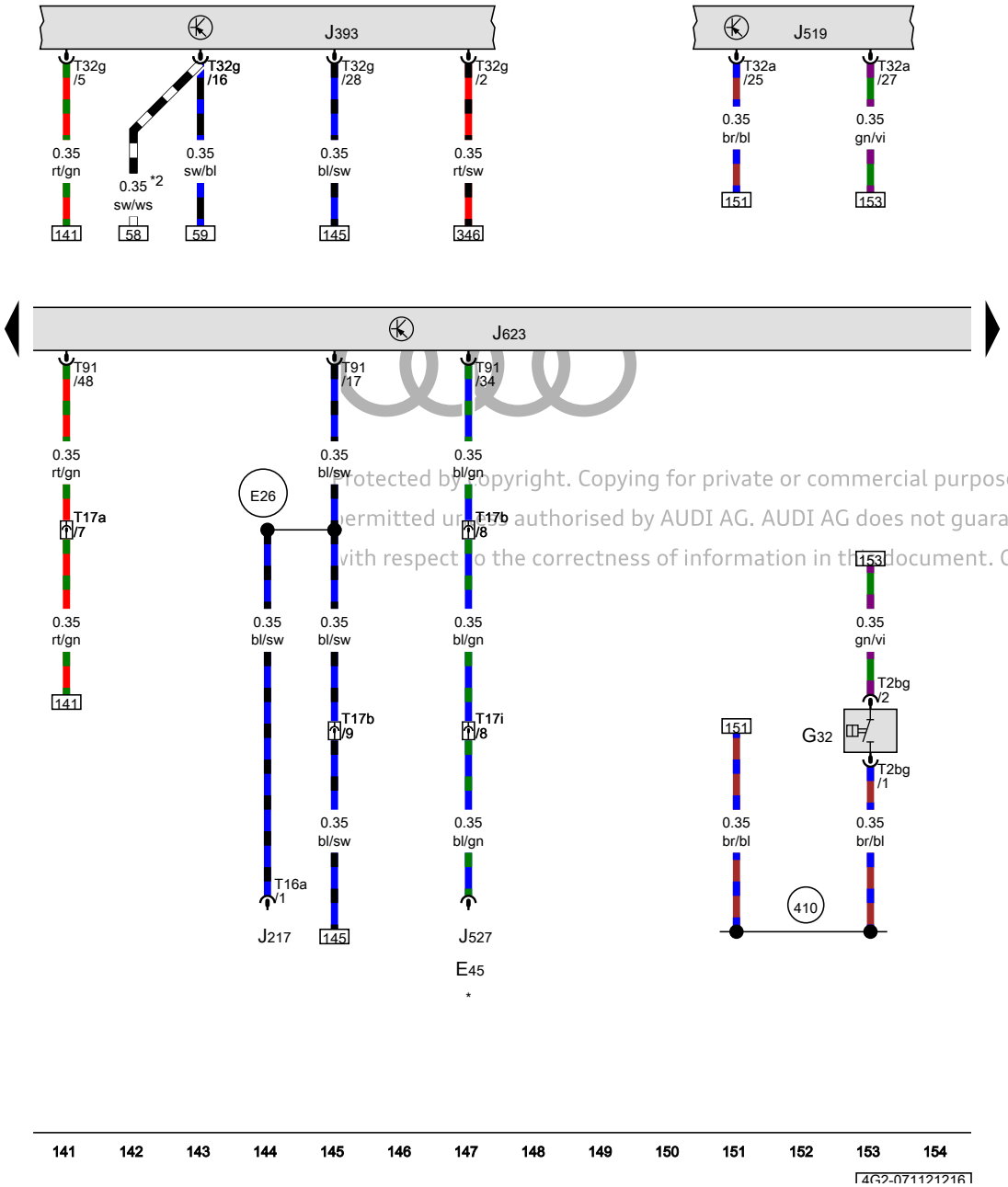


Engine control unit

J623	Engine control unit
T91	91-pin connector
T105	105-pin connector
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	From August 2013

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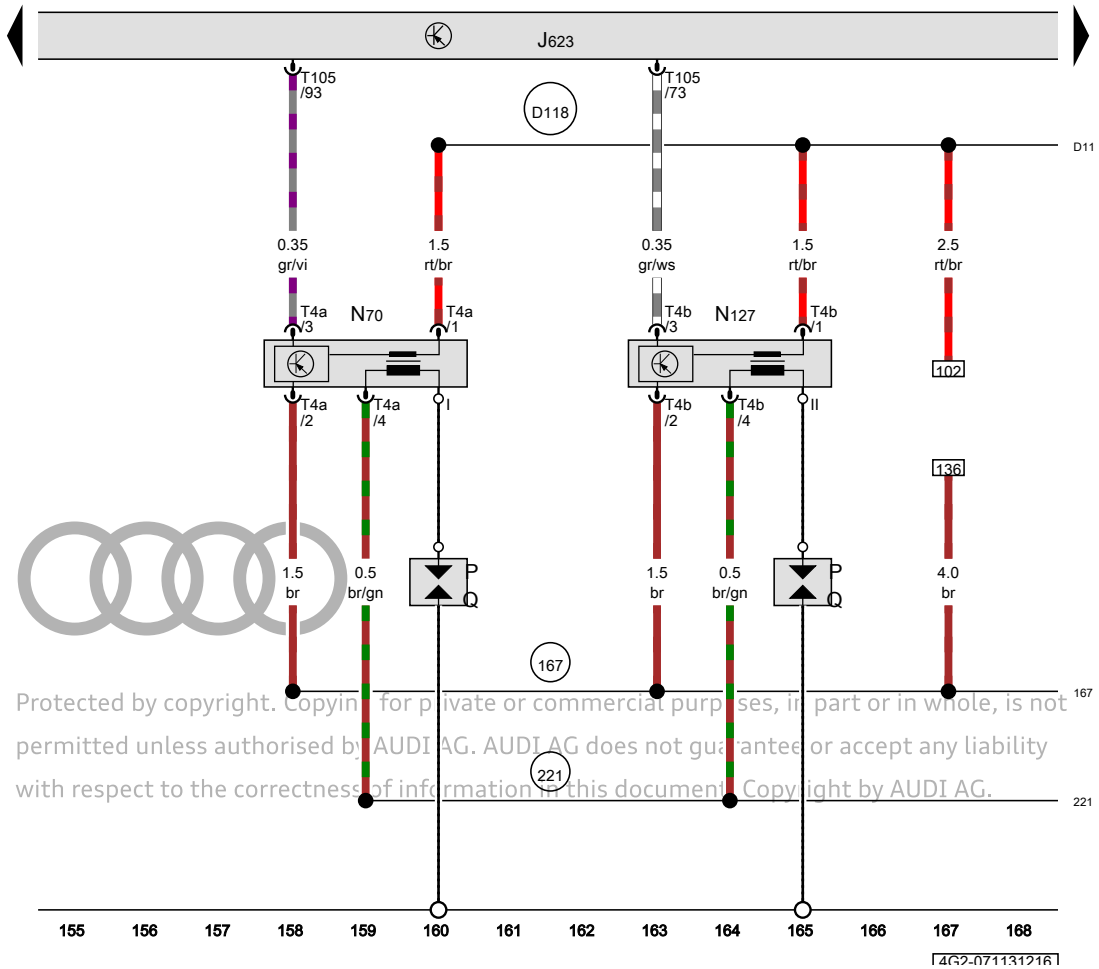
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Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T2bg	2-pin connector
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	Only models with cruise control system (CCS)
*2	Only right-hand drive models

Engine control unit, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4b	4-pin connector
T105	105-pin connector
167	Earth connection 4, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
D118	Connection 16 in engine compartment wiring harness

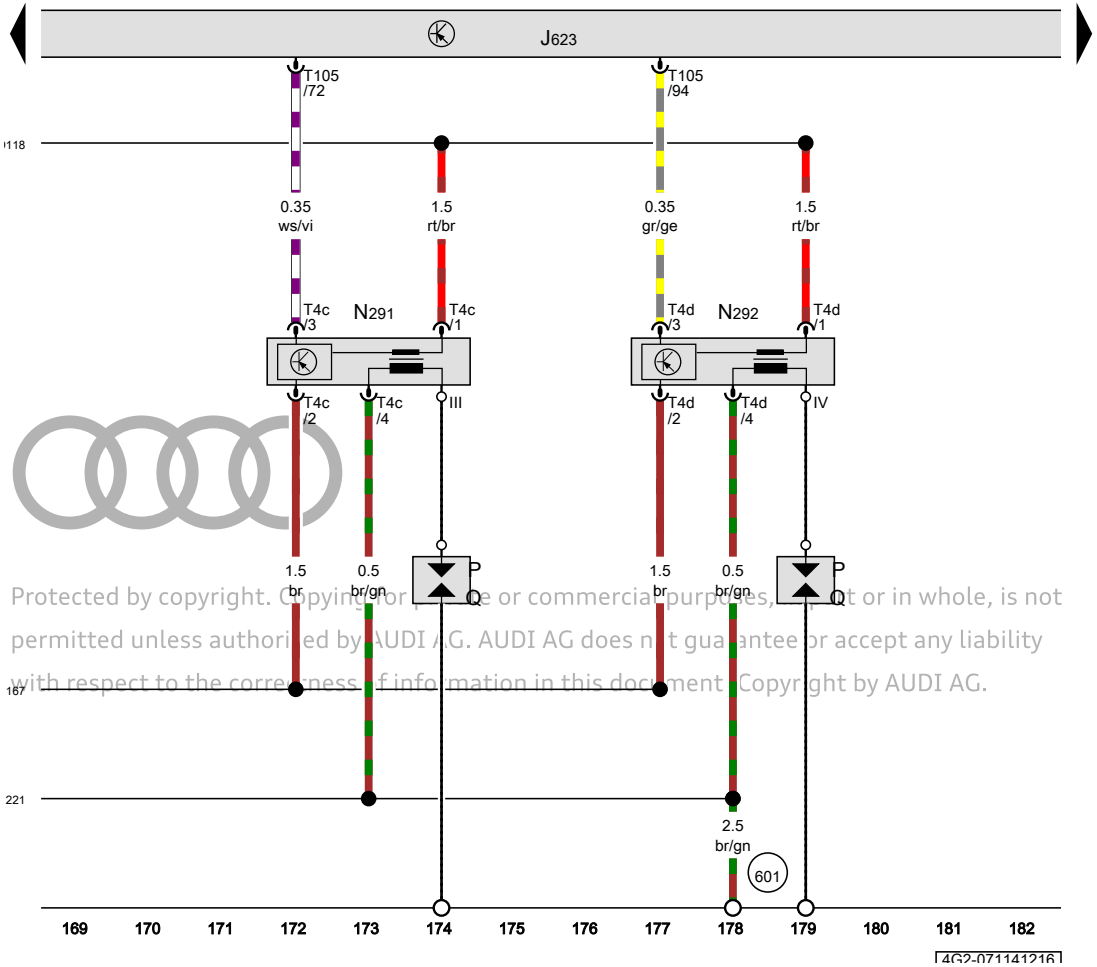


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Engine control unit, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4c	4-pin connector
T4d	4-pin connector
T105	105-pin connector
167	Earth connection 4, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
601	Earth point, on left cylinder head
D118	Connection 16 in engine compartment wiring harness

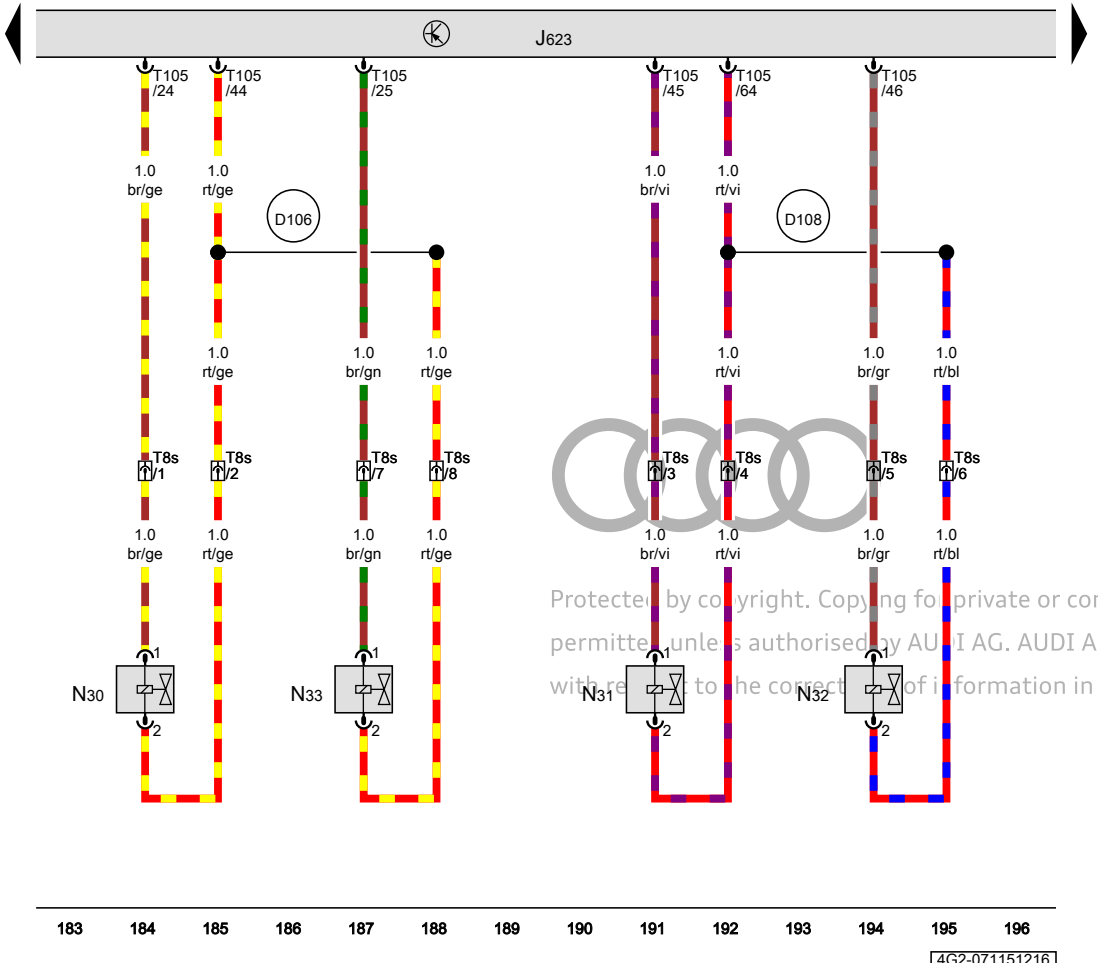


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Engine control unit, Injector, cylinder 1, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8s	8-pin connector, on left in engine compartment
T105	105-pin connector
D106	Connection 4 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness

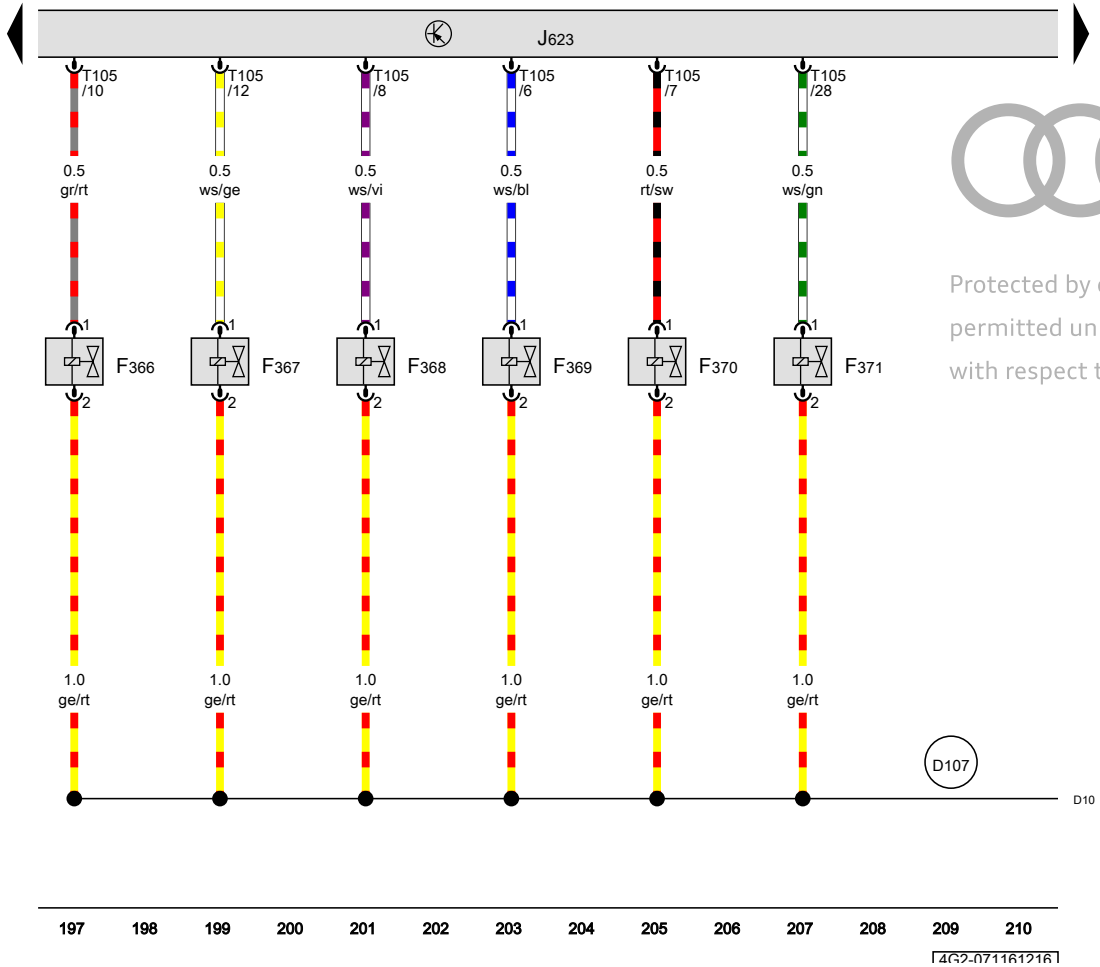


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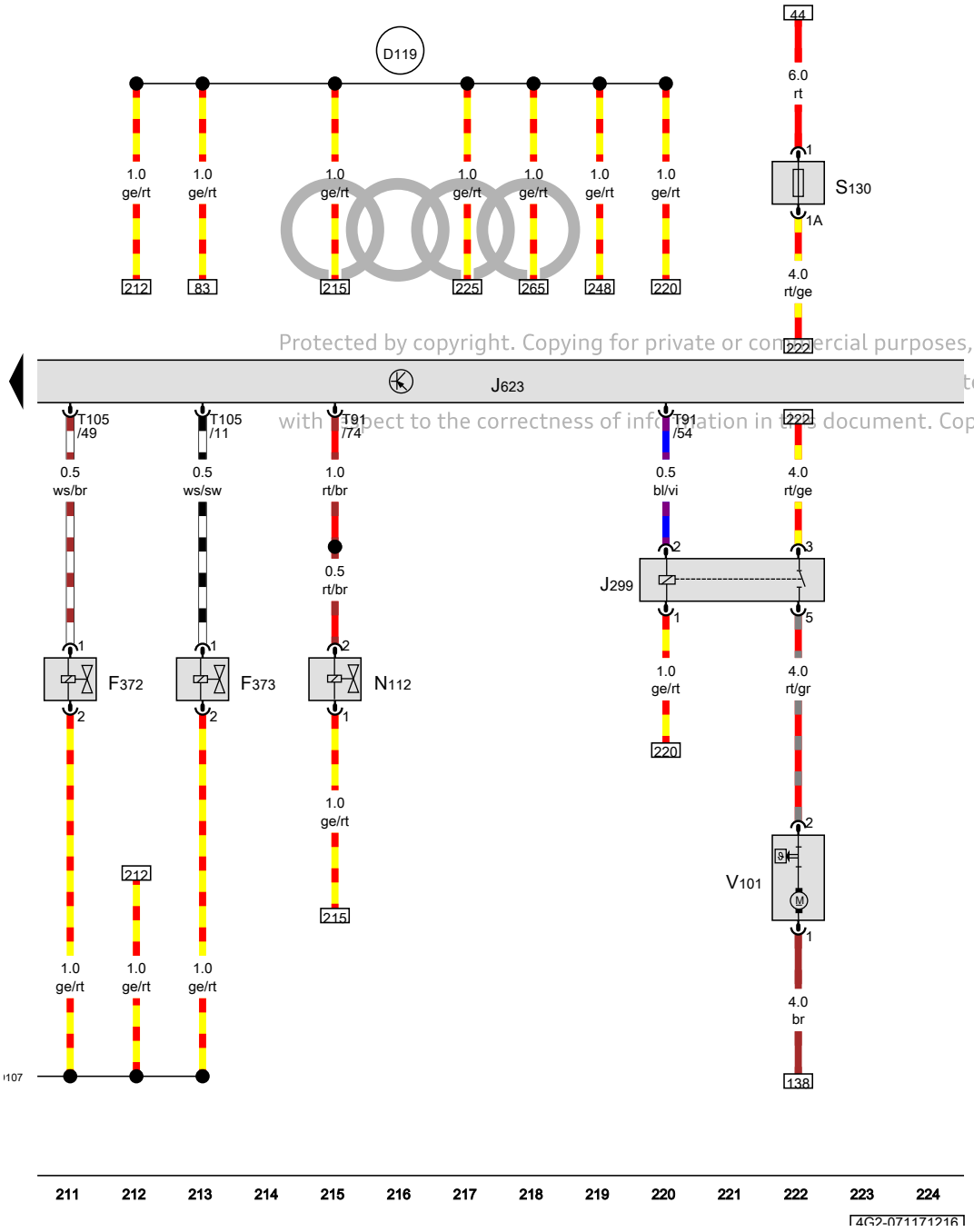
Actuator 1 for camshaft adjustment, Engine control unit

F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
J623	Engine control unit
T105	105-pin connector
D107	Connection 5 in engine compartment wiring harness



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Actuator 7 for camshaft adjustment, Secondary air pump relay, Engine control unit, Secondary air inlet valve, Secondary air pump fuse, Secondary air pump motor

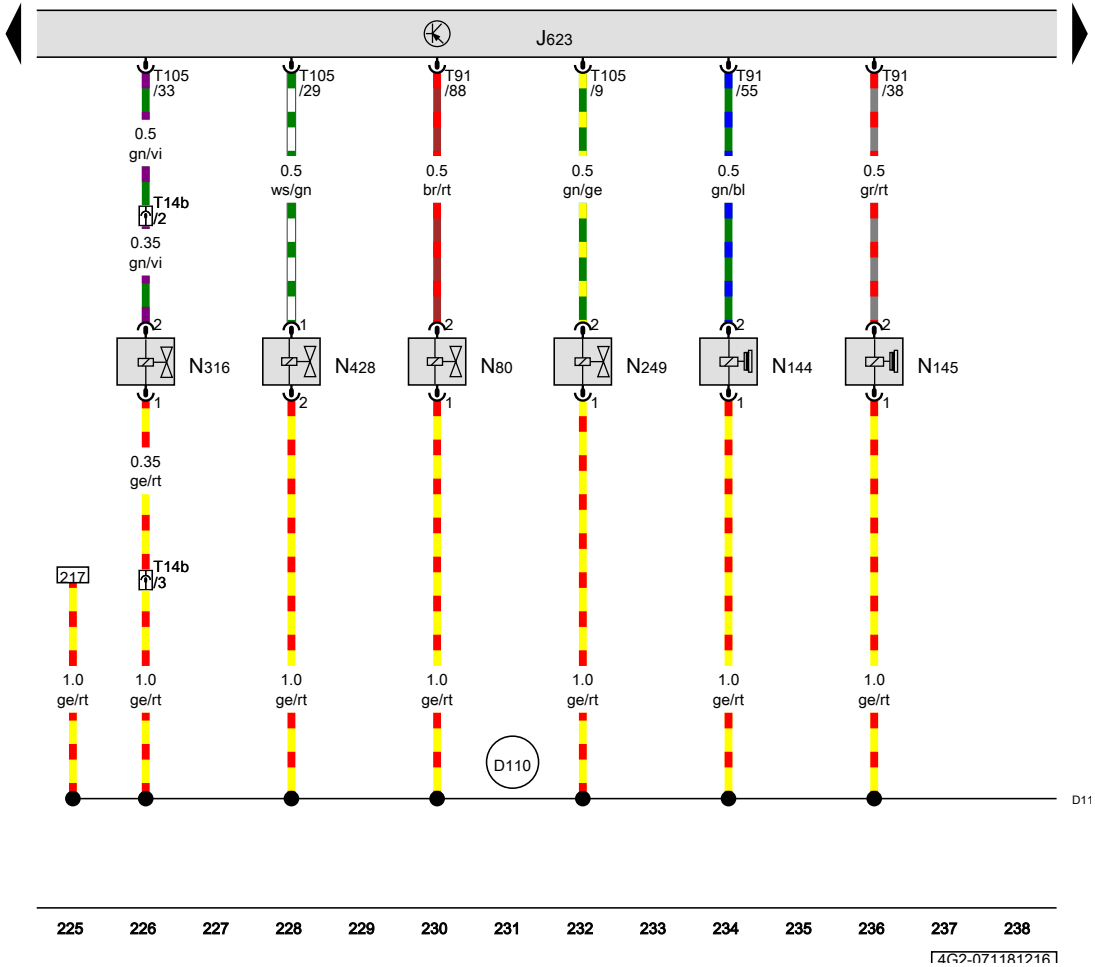
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
J299	Secondary air pump relay
J623	Engine control unit
N112	Secondary air inlet valve
S130	Secondary air pump fuse
T91	91-pin connector
T105	105-pin connector
V101	Secondary air pump motor
D107	Connection 5 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

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or	=	orange
rs	=	pink

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Engine control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

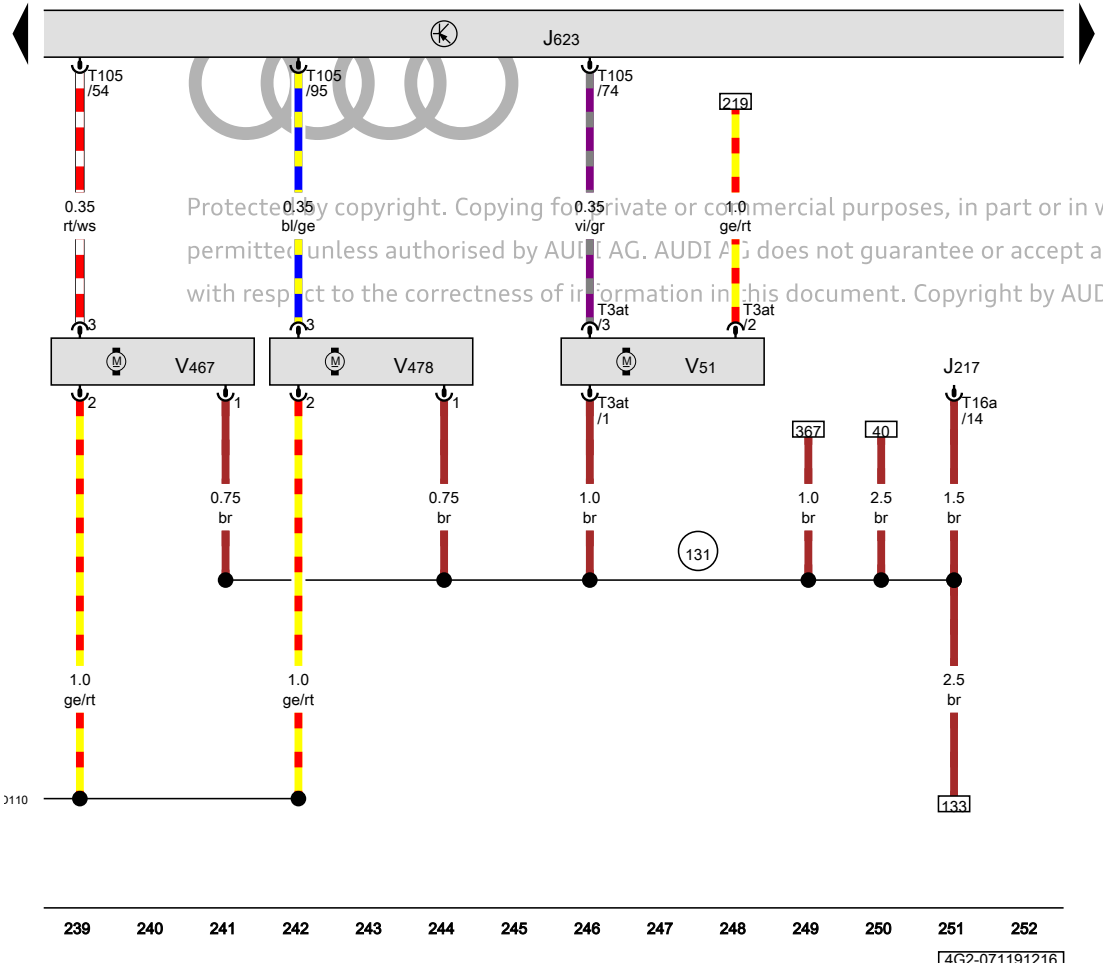
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T14b	14-pin connector, on left in engine compartment
T91	91-pin connector
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness



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or	=	orange
rs	=	pink

Engine control unit, Continued coolant circulation pump, Coolant pump for high-temperature circuit, Gearbox oil cooling pump

J217	Automatic gearbox control unit
J623	Engine control unit
T3at	3-pin connector
T16a	16-pin connector
T105	105-pin connector
V51	Continued coolant circulation pump
V467	Coolant pump for high-temperature circuit
V478	Gearbox oil cooling pump
131	Earth connection 2, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness



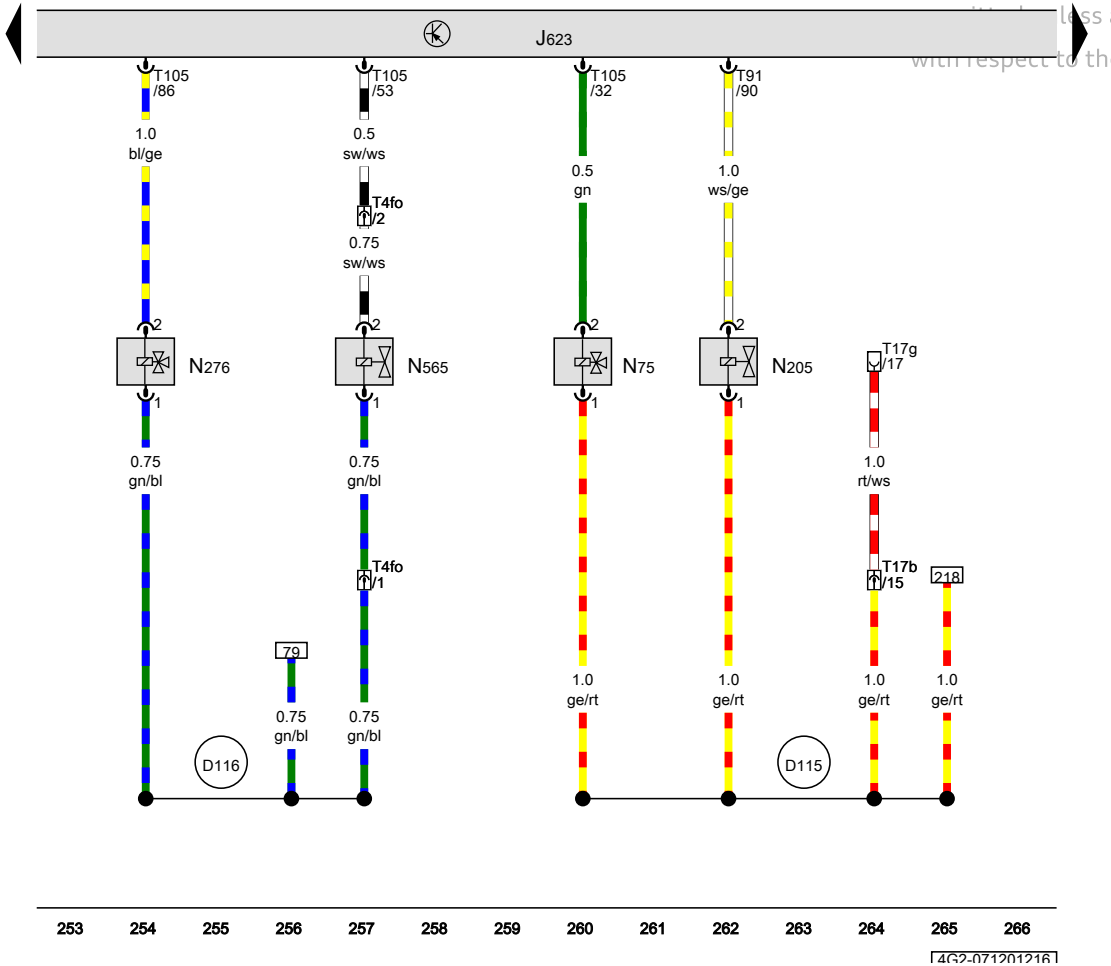
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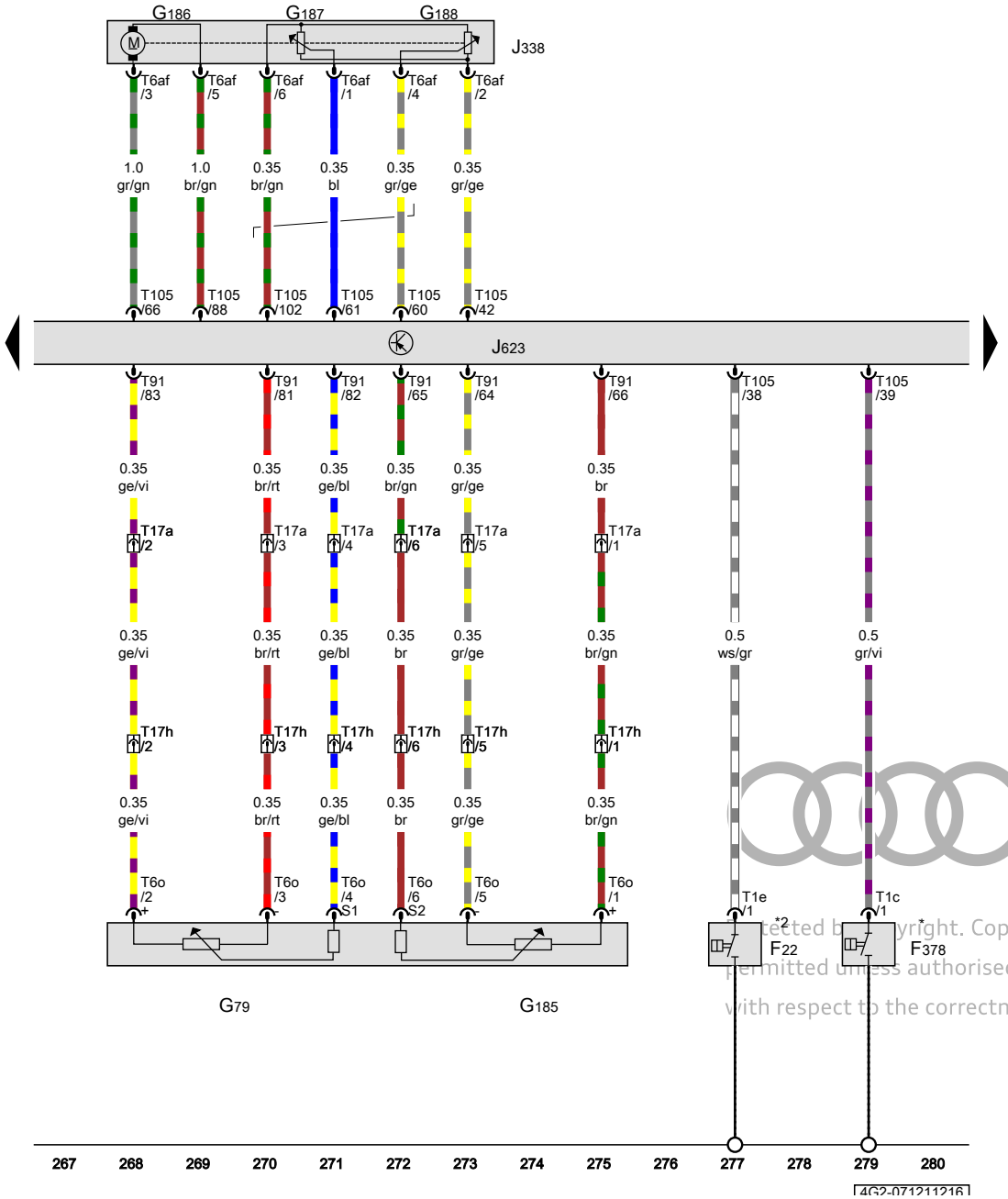
Engine control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Coolant valve for electric drive

J623	Engine control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N565	Coolant valve for electric drive
T4fo	4-pin connector, on left in engine compartment
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17g	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
T105	105-pin connector
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness

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Oil pressure switch, Oil pressure switch for reduced oil pressure, Accelerator position sender, Throttle valve module, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T1c	1-pin connector
T1e	1-pin connector
T6af	6-pin connector
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
T105	105-pin connector
*	0.9 bar
*2	2.6 bar

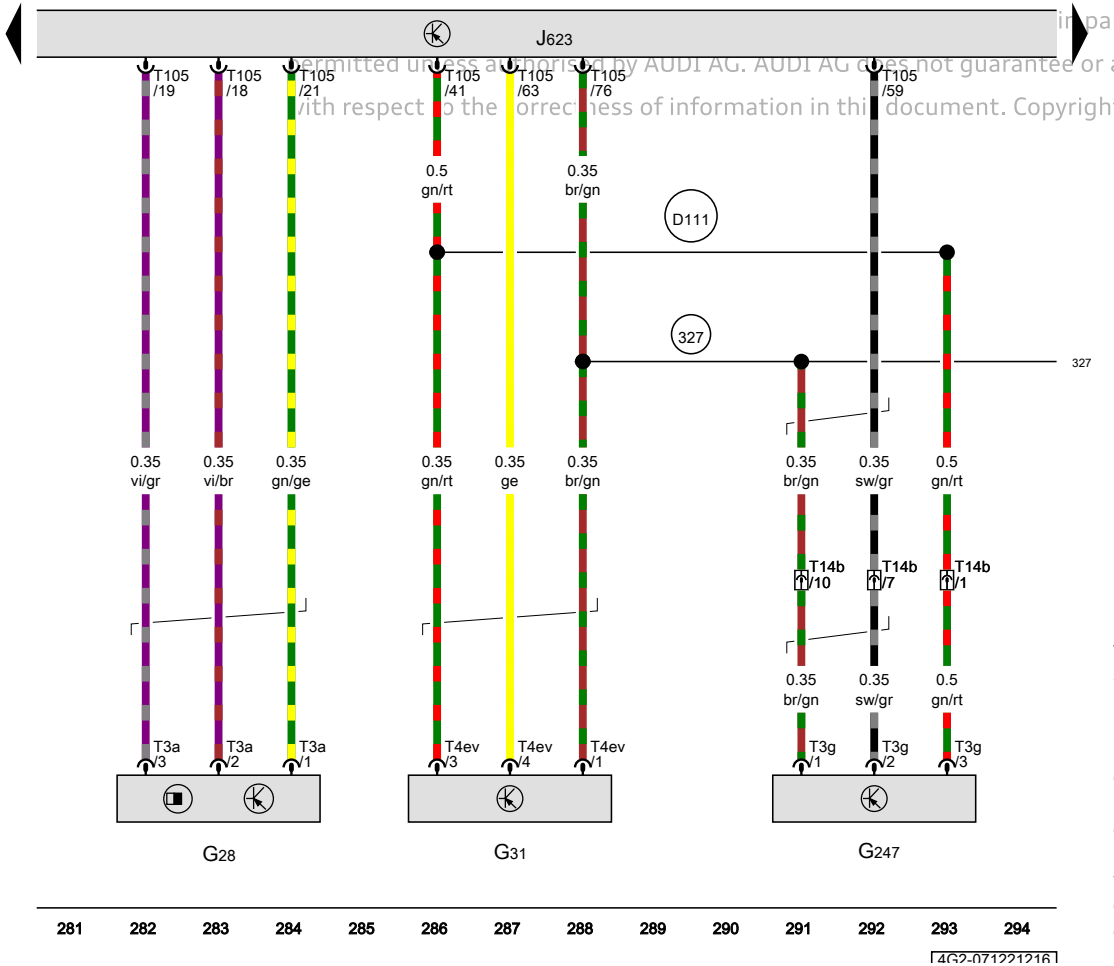
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Engine speed sender, Charge pressure sender, Fuel pressure sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G247	Fuel pressure sender
J623	Engine control unit
T3a	3-pin connector
T3g	3-pin connector
T4ev	4-pin connector
T14b	14-pin connector, on left in engine compartment
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness

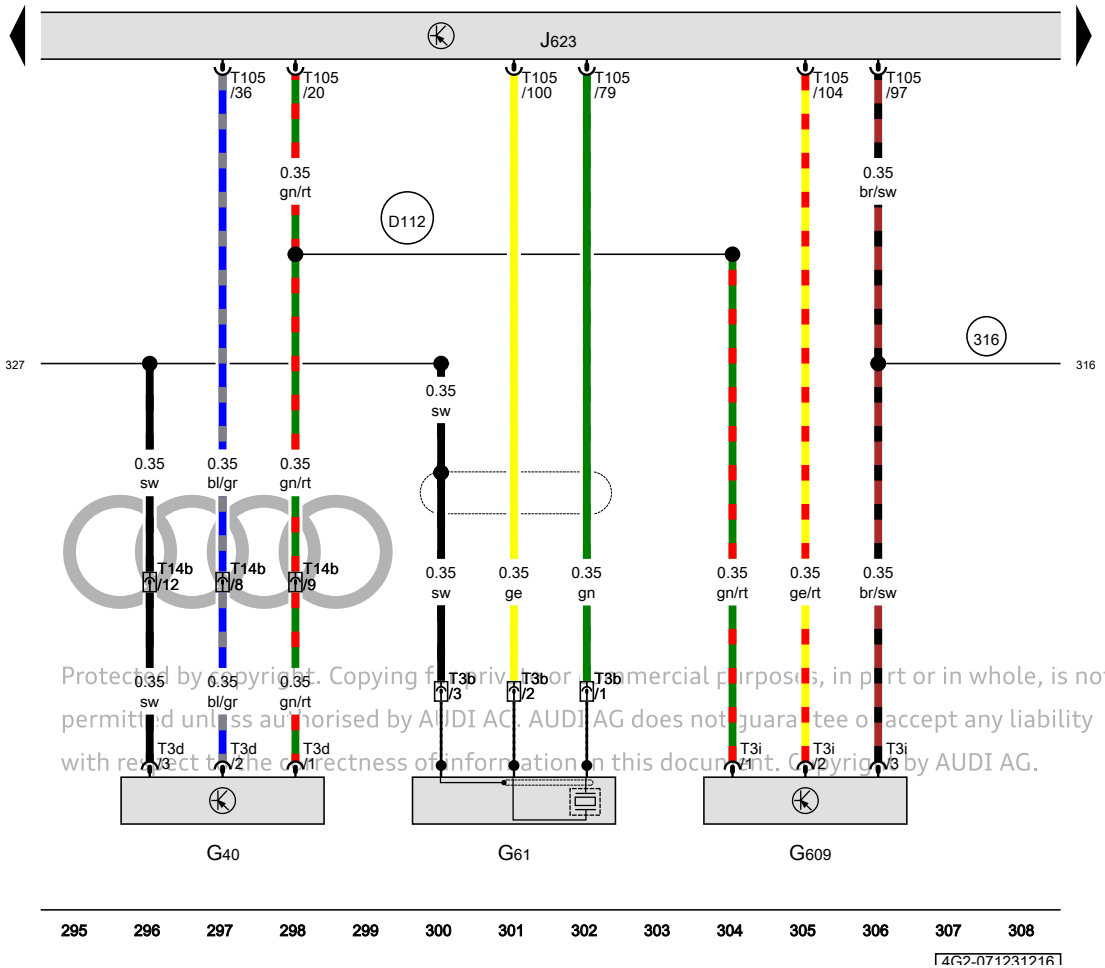
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Hall sender, Knock sensor 1, Sender 1 for secondary air pressure, Engine control unit

G40	Hall sender
G61	Knock sensor 1
G609	Sender 1 for secondary air pressure
J623	Engine control unit
T3b	3-pin connector, green
T3d	3-pin connector
T3i	3-pin connector
T14b	14-pin connector, on left in engine compartment
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness



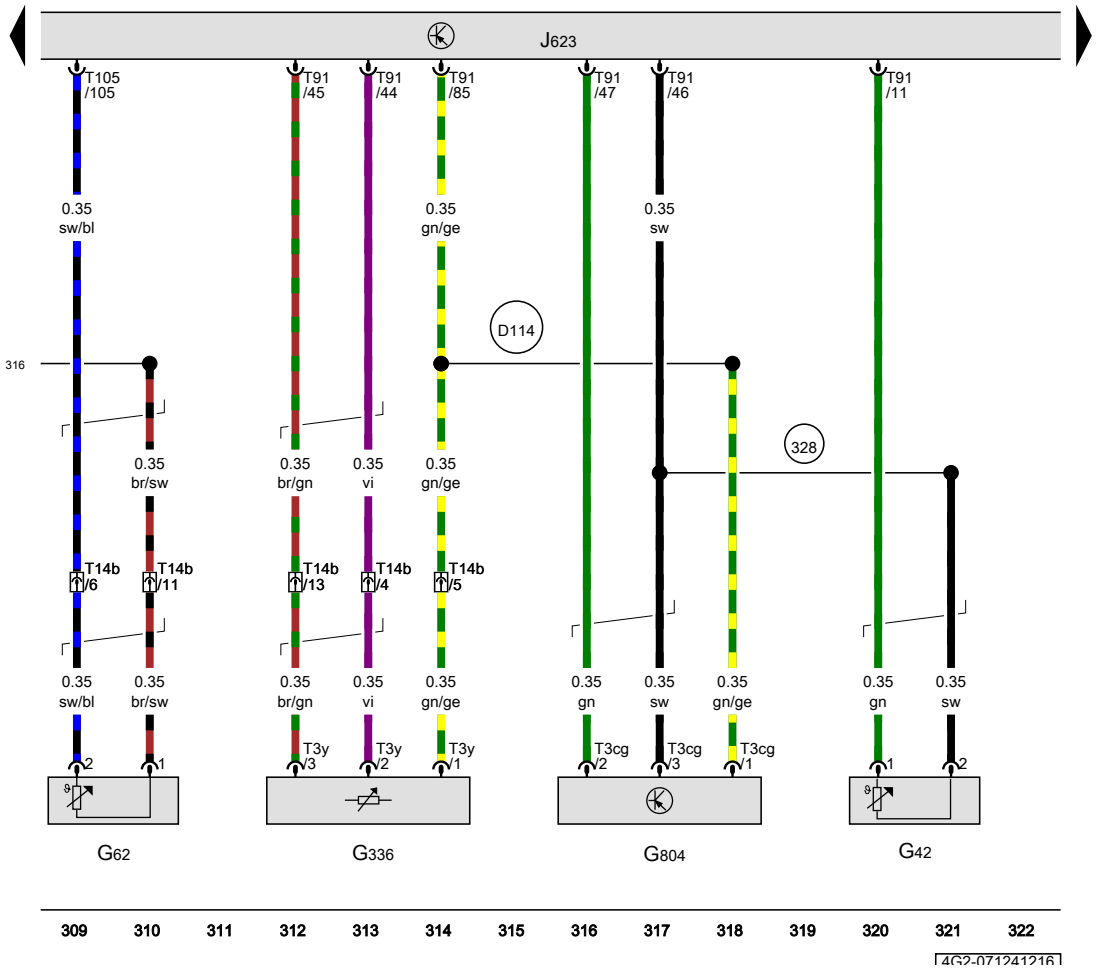
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Intake air temperature sender, Coolant temperature sender, Intake manifold flap potentiometer, Pressure sensor for activated charcoal filter system, Engine control unit

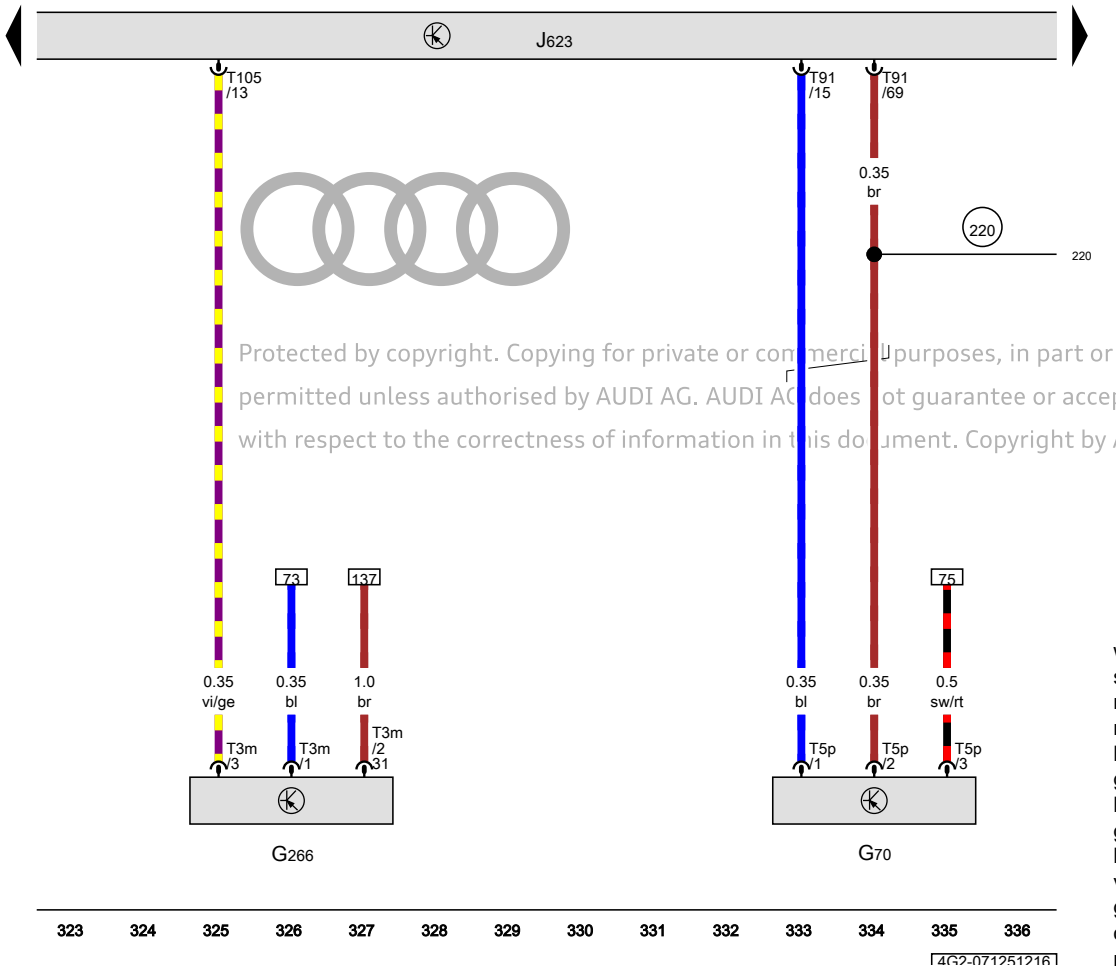
G42	Intake air temperature sender
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
G804	Pressure sensor for activated charcoal filter system
J623	Engine control unit
T3cg	3-pin connector
T3y	3-pin connector
T14b	14-pin connector, on left in engine compartment
T91	91-pin connector
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness



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or	=	orange
rs	=	pink

Air mass meter, Oil level and oil temperature sender, Engine control unit

G70	Air mass meter
G266	Oil level and oil temperature sender
J623	Engine control unit
T3m	3-pin connector
T5p	5-pin connector
T91	91-pin connector
T105	105-pin connector
220	Earth connection (sender earth), in engine wiring harness

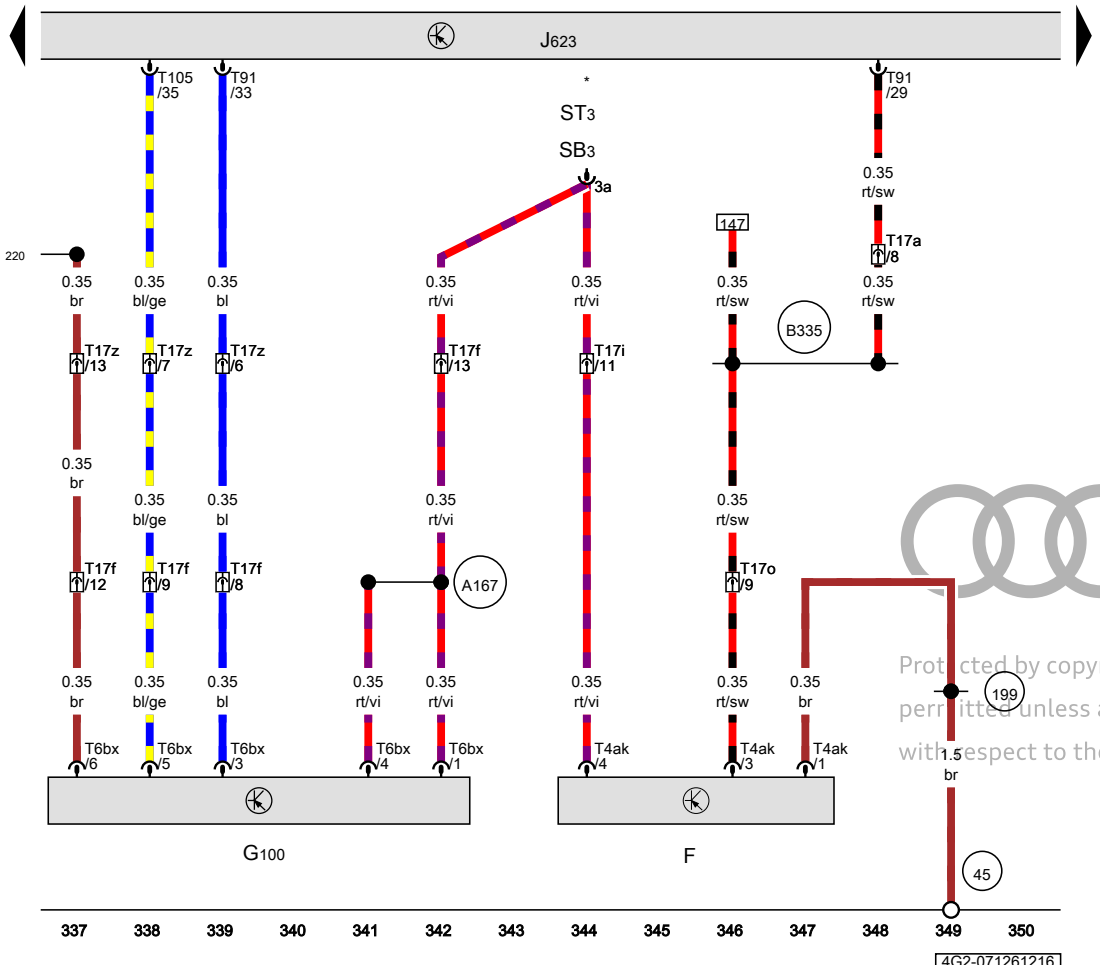


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rs	=	pink

Brake light switch, Brake pedal position sender, Engine control unit

F	Brake light switch
G100	Brake pedal position sender
J623	Engine control unit
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
T4ak	4-pin connector
T6bx	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in left A-pillar coupling station
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
220	Earth connection (sender earth), in engine wiring harness
A167	Positive connection 3 (30a) in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for fuse assignment



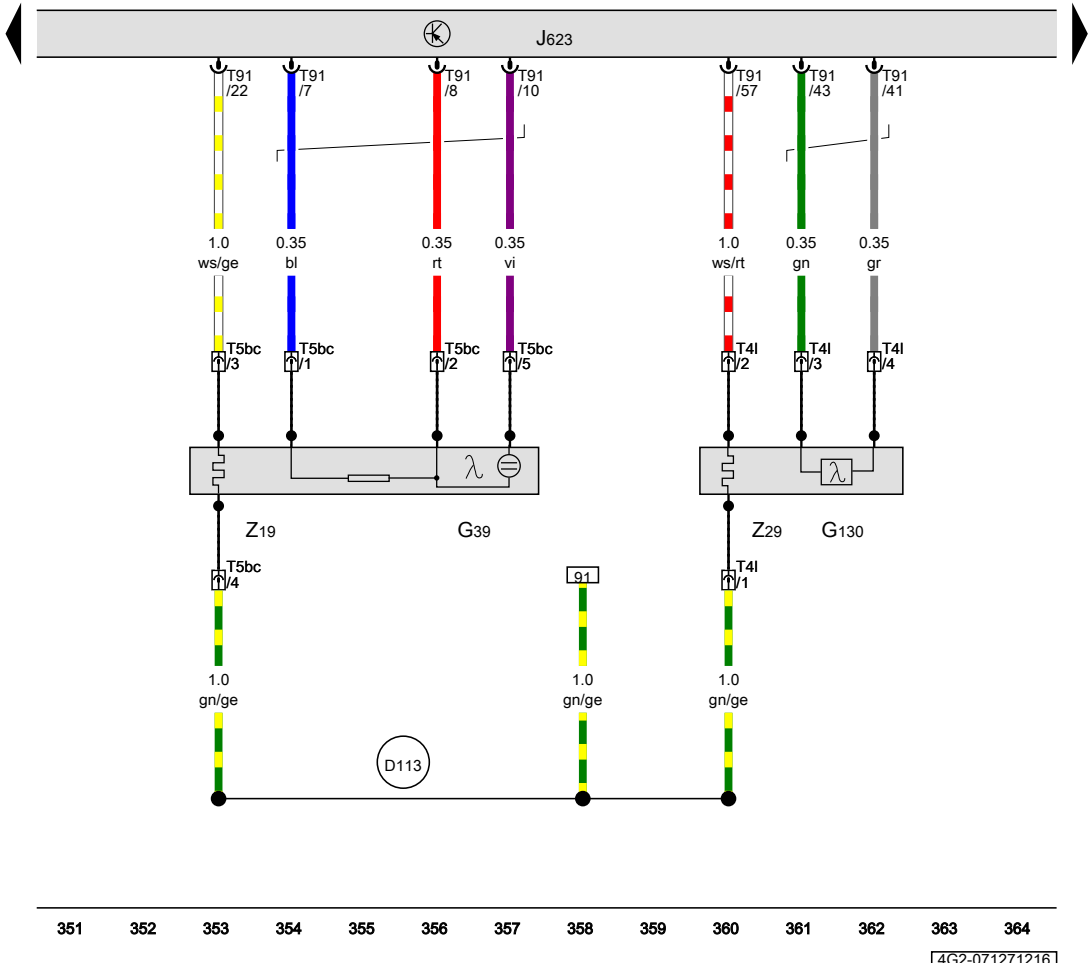
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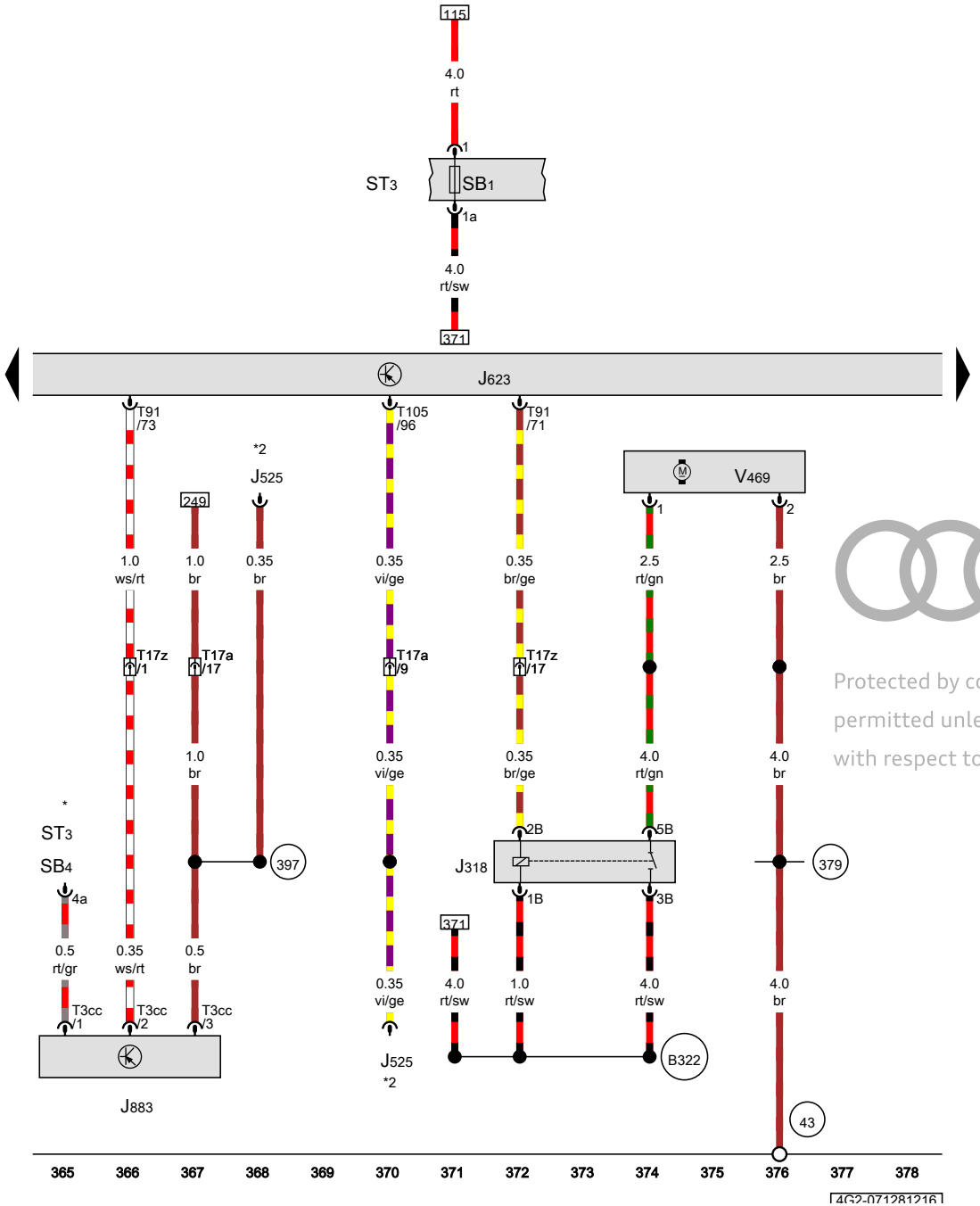
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Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4l	4-pin connector, black
T5bc	5-pin connector, black
T91	91-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D113	Connection 11 in engine compartment wiring harness



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink



Vacuum pump relay, Engine control unit, Exhaust flap control unit, Brake servo vacuum pump

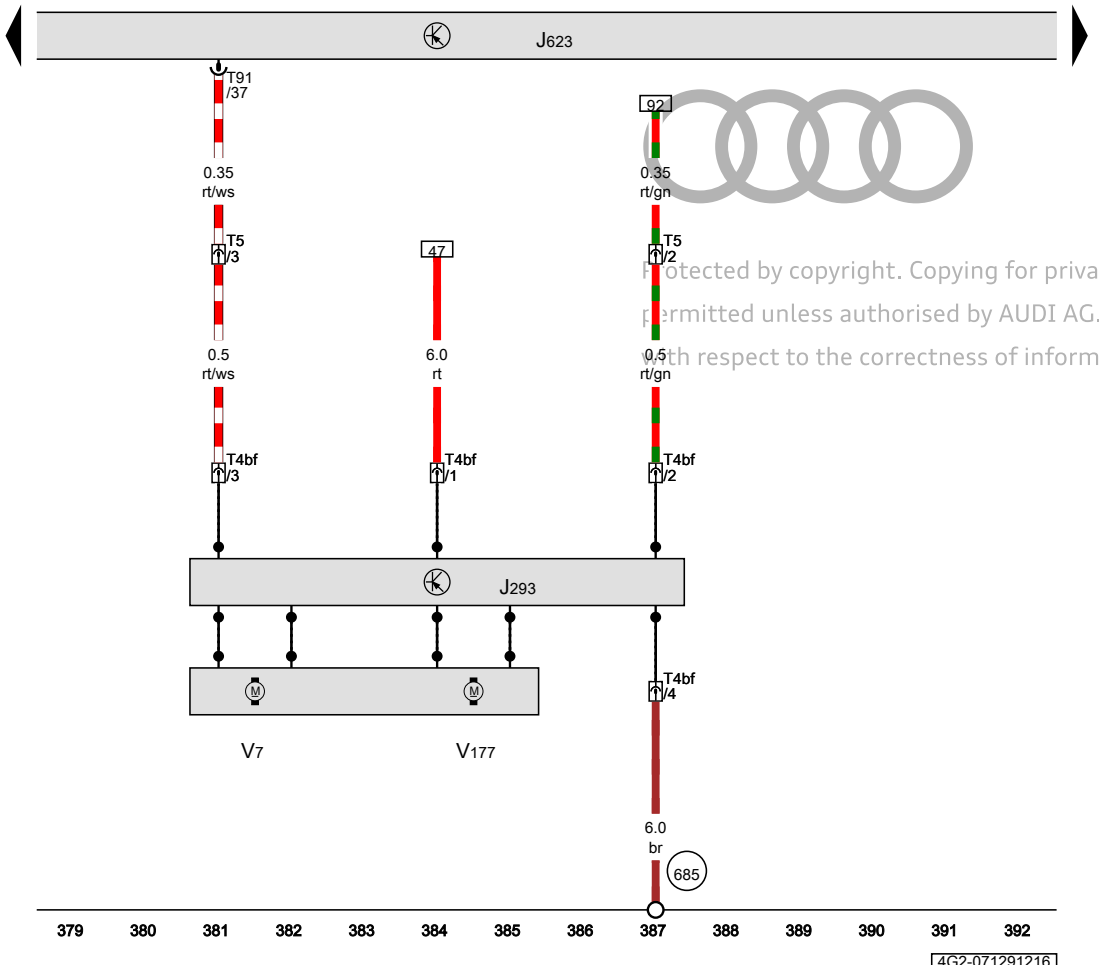
J318	Vacuum pump relay
J525	Digital sound package control unit
J623	Engine control unit
J883	Exhaust flap control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T3cc	3-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
V469	Brake servo vacuum pump
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
397	Earth connection 32, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for sound system

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Radiator fan control unit, Engine control unit, Radiator fan, Radiator fan 2

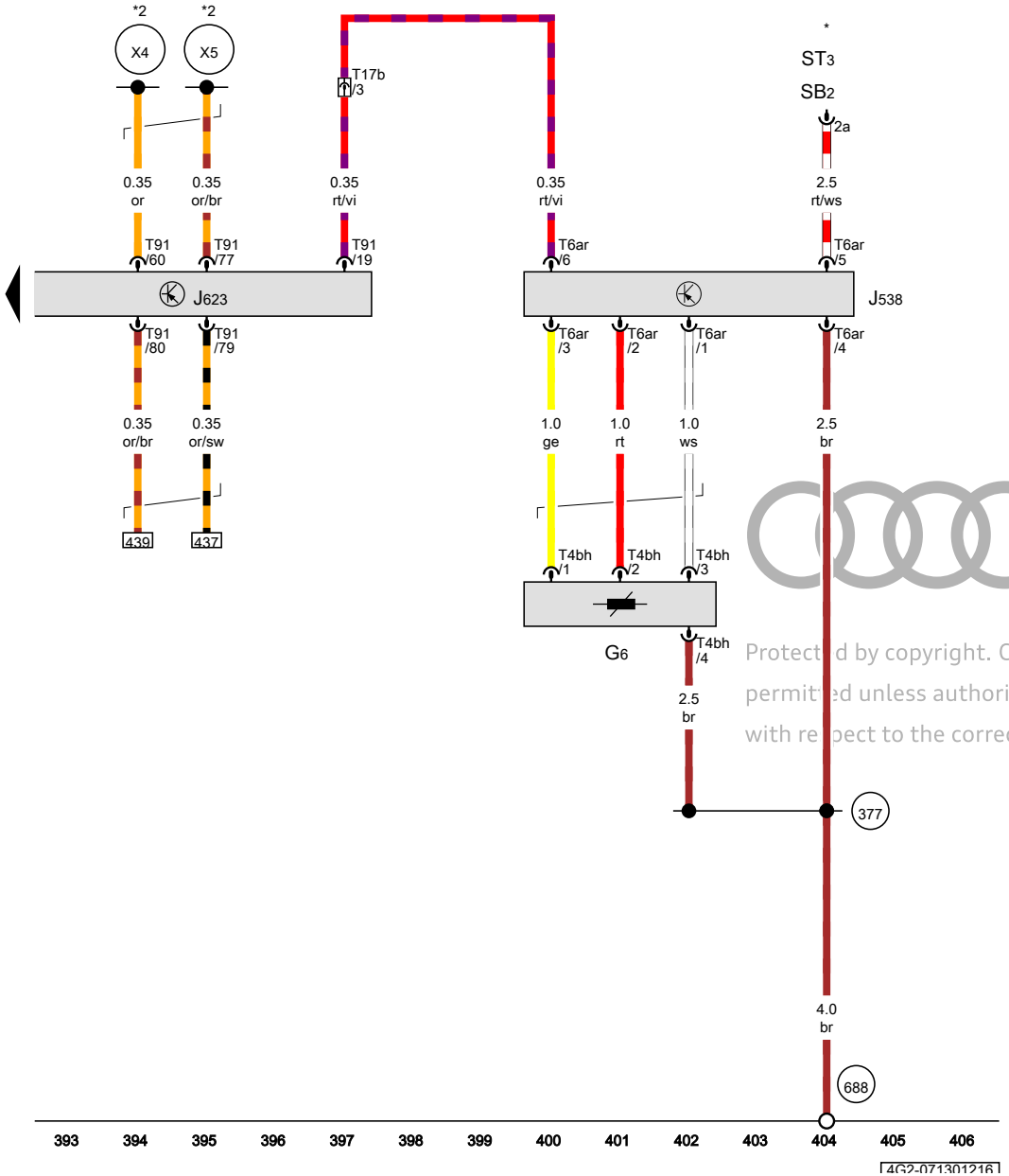
J293	Radiator fan control unit
J623	Engine control unit
T4bf	4-pin connector
T5	5-pin connector, central in plenum chamber
T91	91-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member



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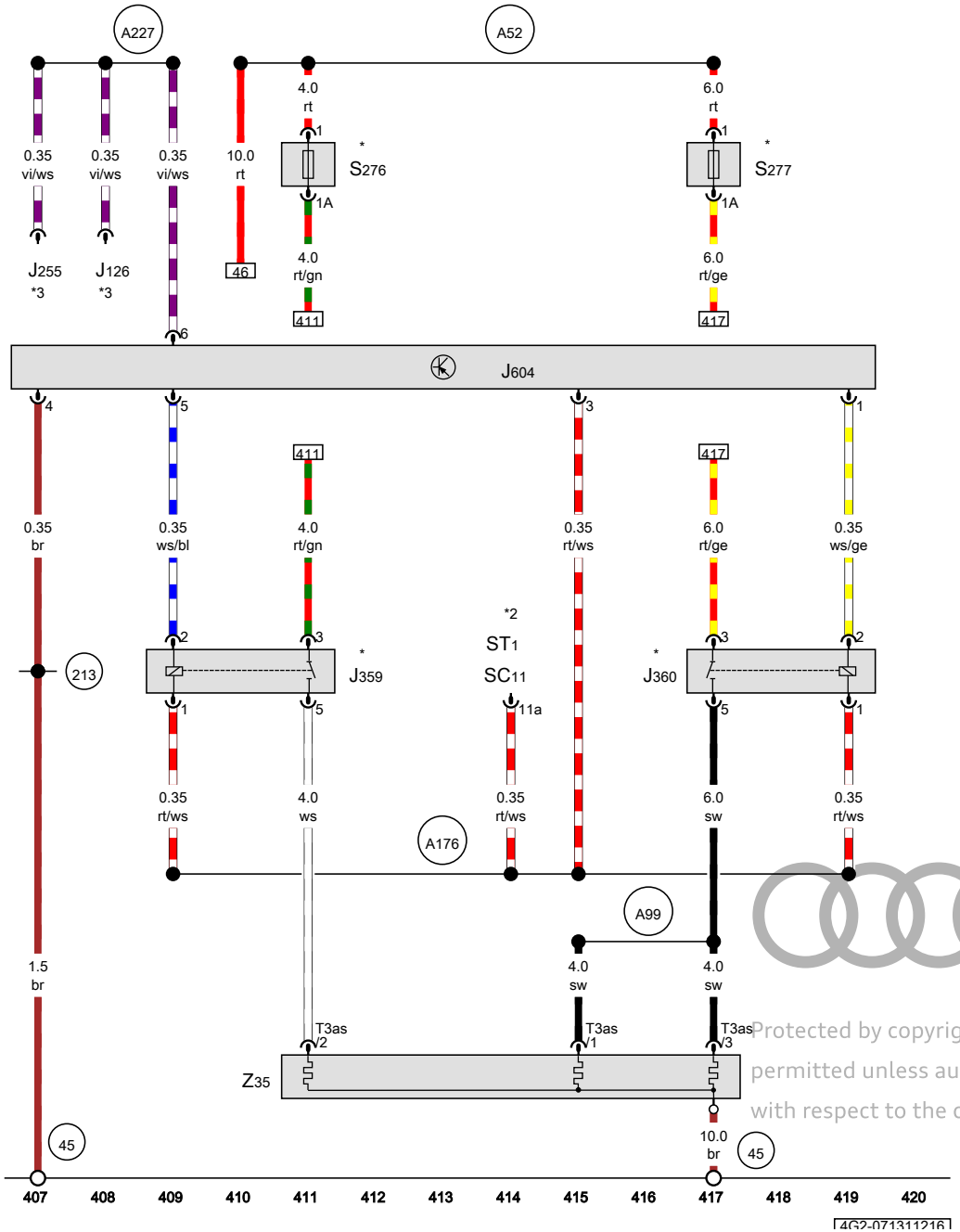
Fuel system pressurisation pump, Fuel pump control unit, Engine control unit



G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector
T91	91-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
X4	Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
X5	Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for high-voltage system

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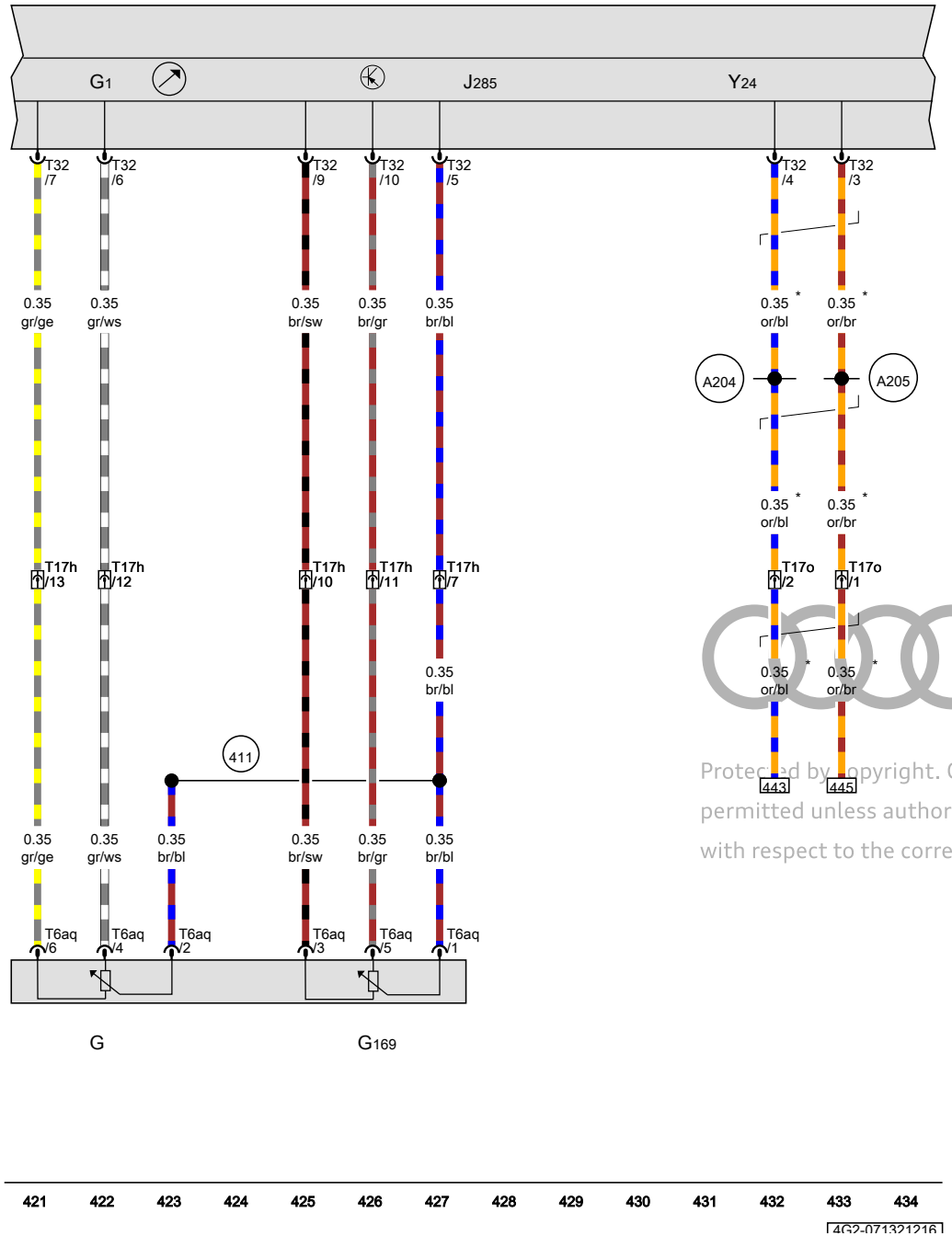


Low heat output relay, High heat output relay, Auxiliary air heater control unit, Auxiliary air heater element

J126	Fresh air blower control unit
J255	Climatronic control unit
J359	Low heat output relay
J360	High heat output relay
J604	Auxiliary air heater control unit
ST1	Fuse carrier 1
SC11	Fuse 11 on fuse holder C
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A176	Connection (auxiliary heater), in dash panel wiring harness
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	Relay carrier on left under dash panel
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for air conditioning

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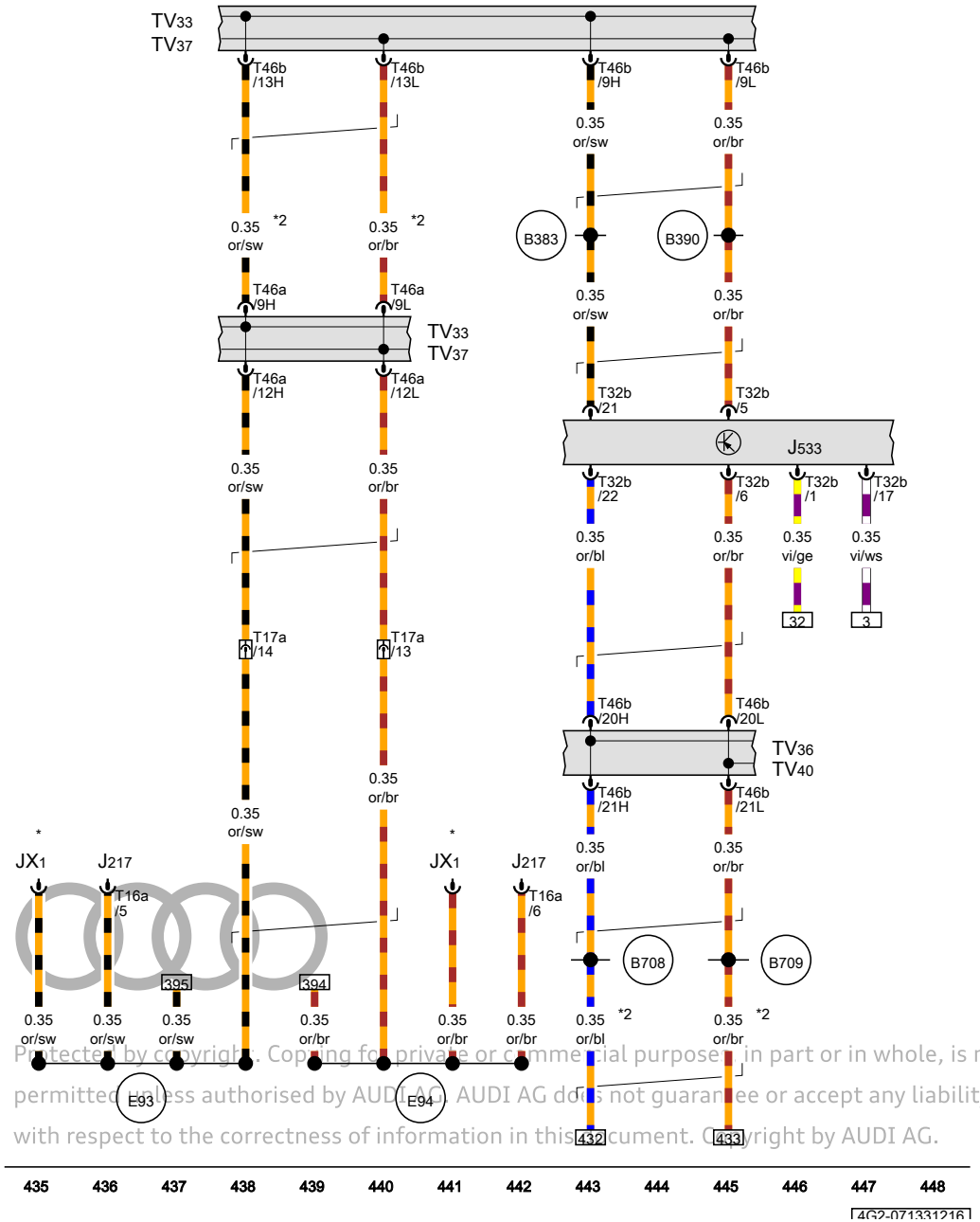


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

JX1	Power and control electronics for electric drive
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for high-voltage system
*2	Data bus wire (CAN bus)

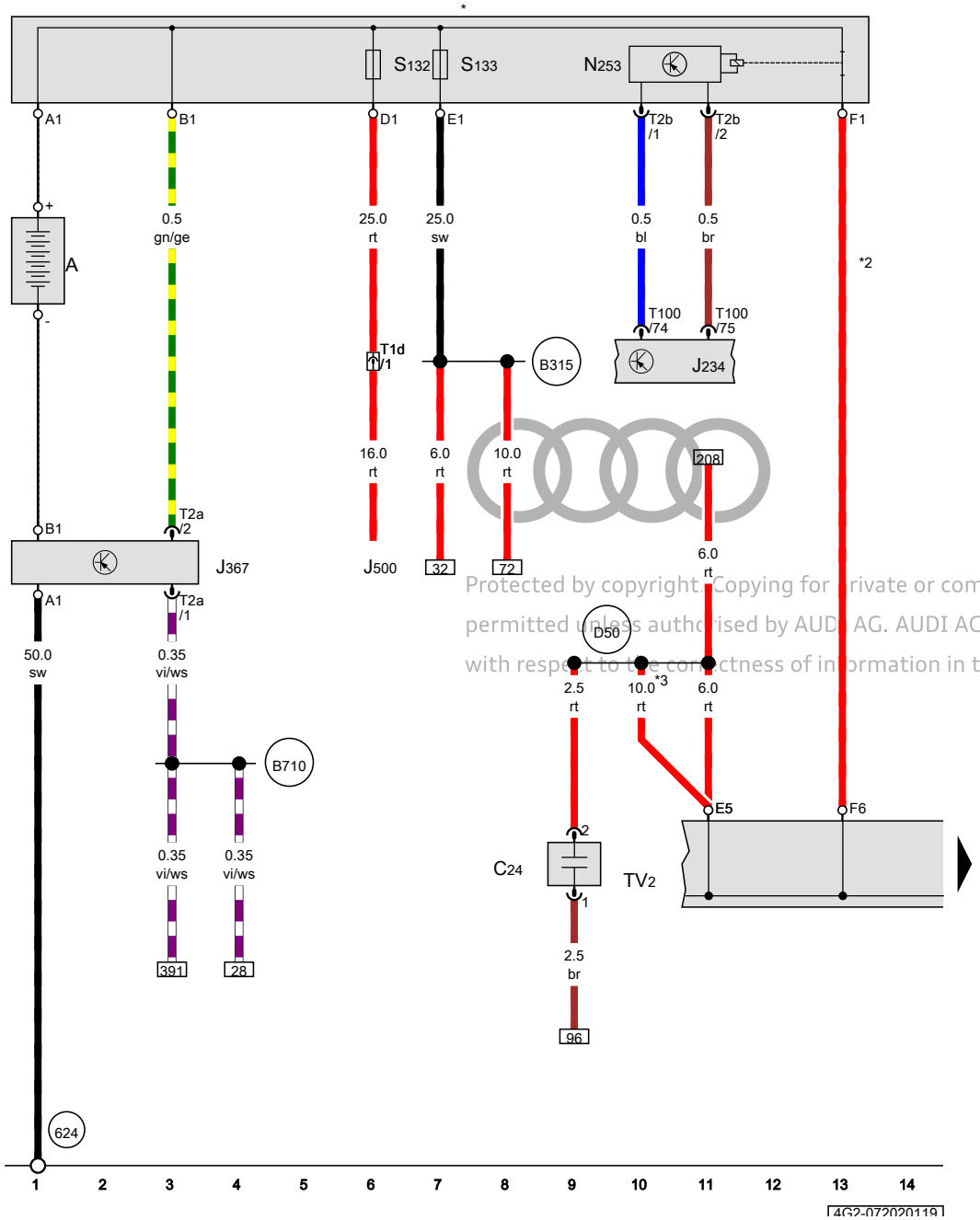
2.5l petrol engine , CLXA,CLXB

From December 2011

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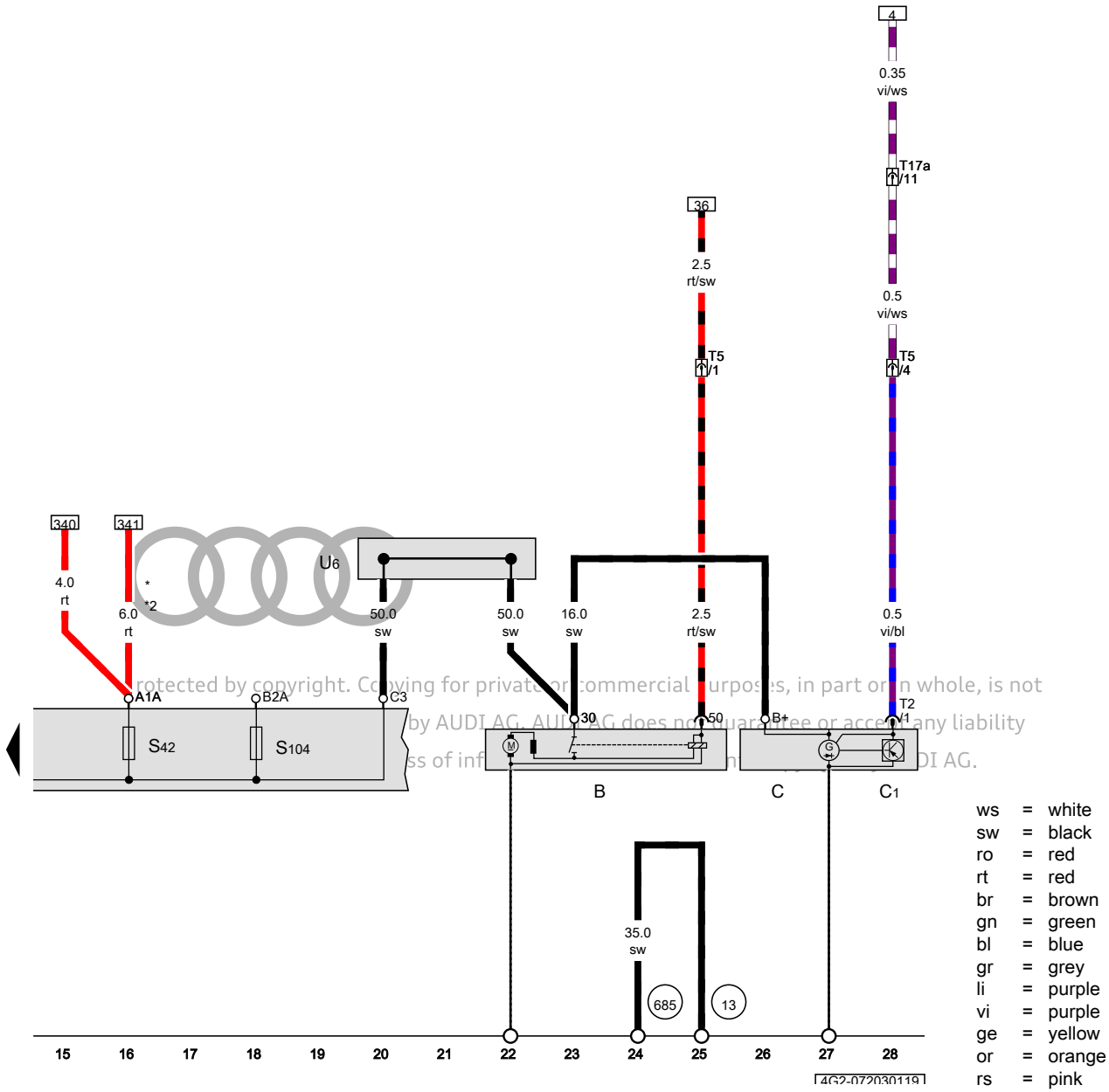
Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor
*3	see applicable current flow diagram for dual clutch gearbox



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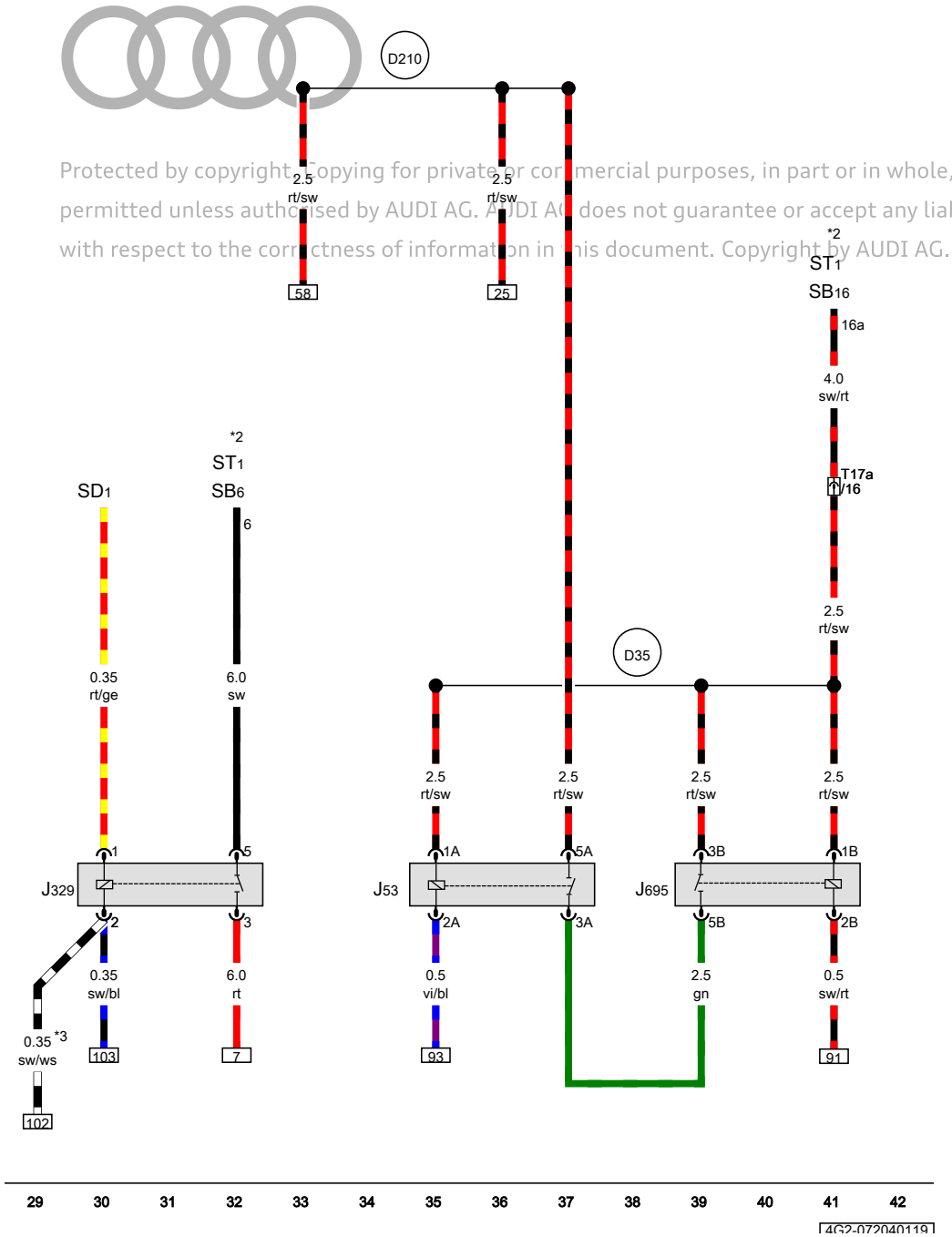
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Starter, Alternator

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	For models with trailer socket
*2	For countries with hot climate

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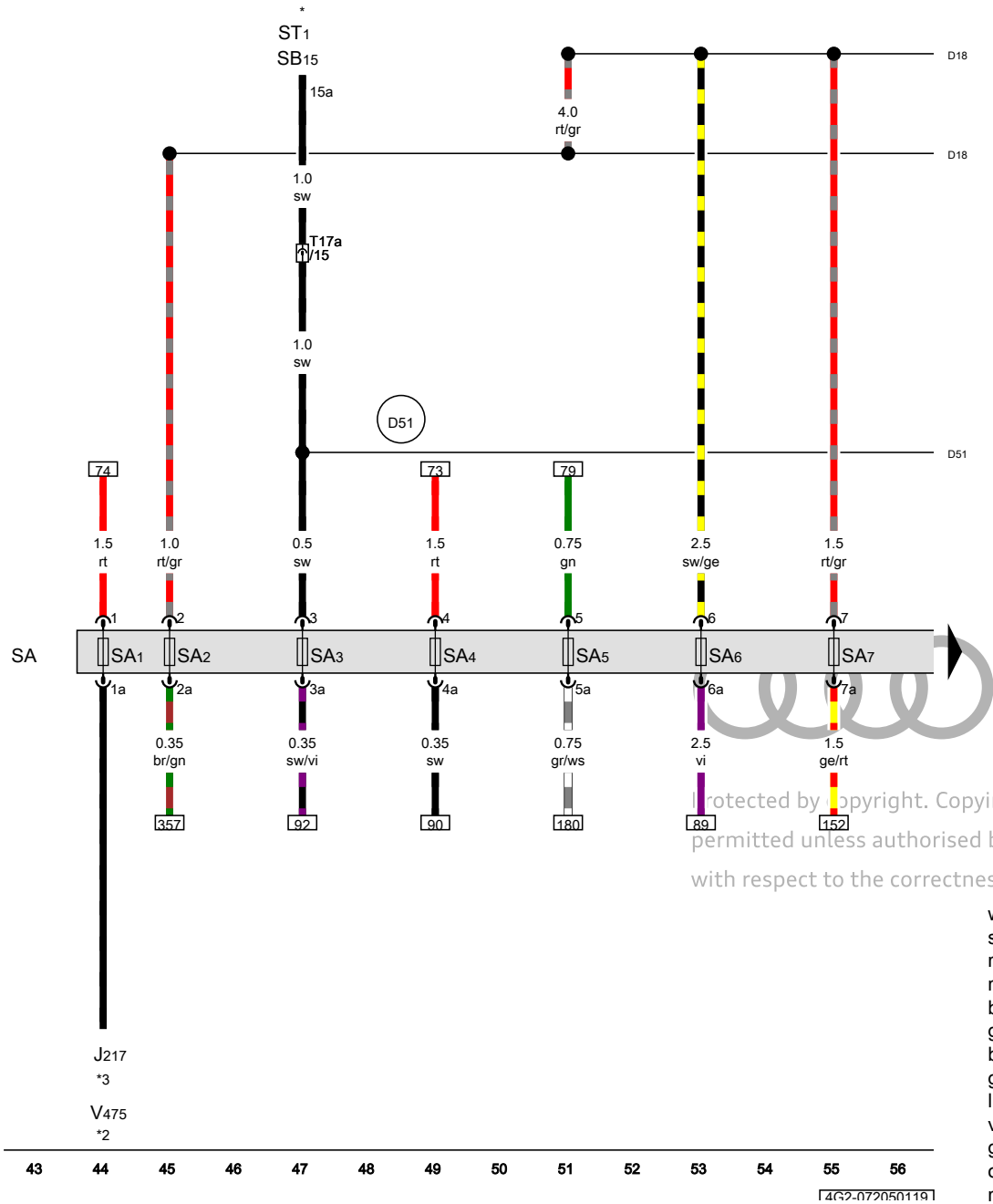
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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SD1	Fuse 1 on fuse holder D
SB6	Fuse 6 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	For right-hand drive models

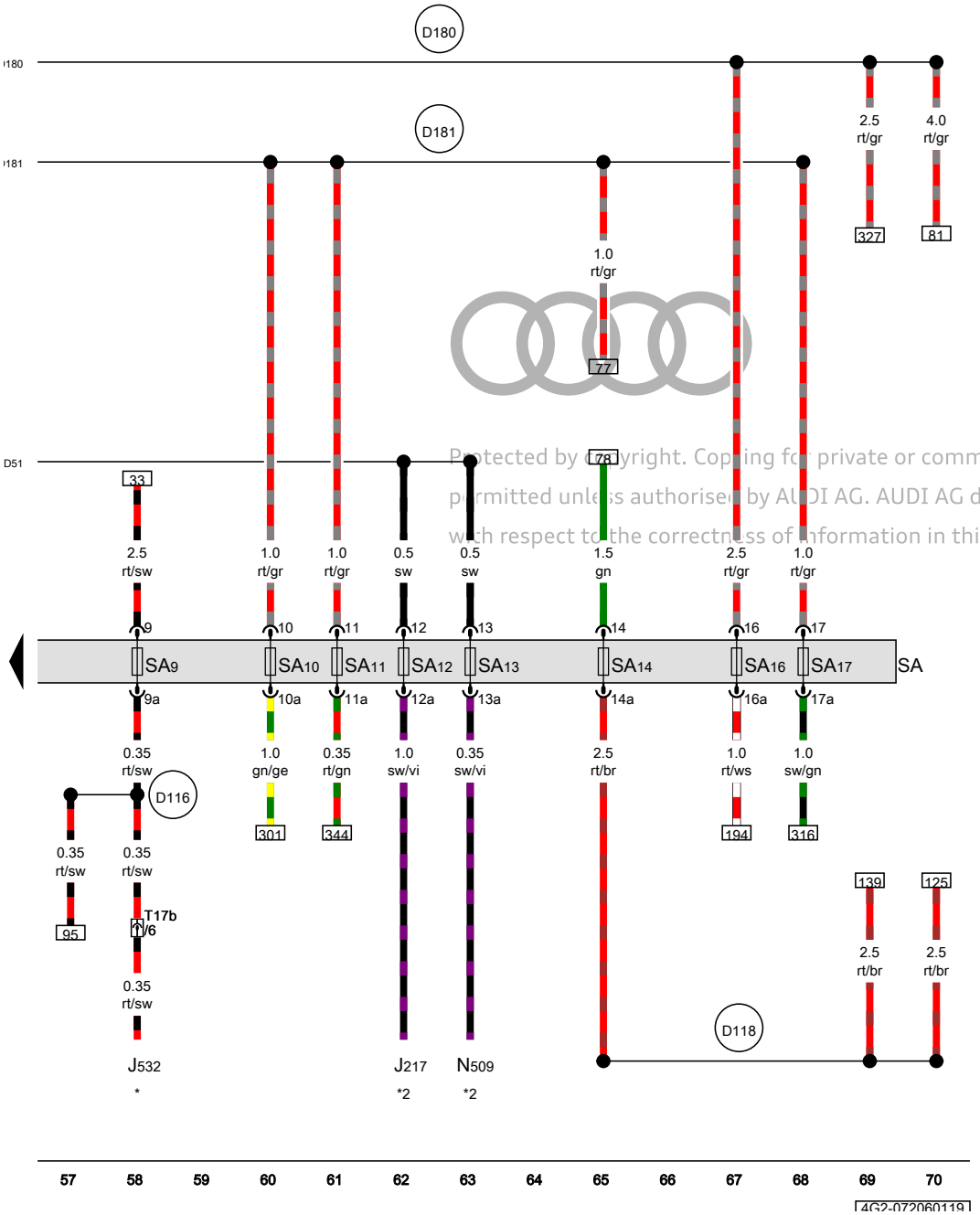


Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for dual clutch gearbox
*3	see applicable current flow diagram for automatic gearbox

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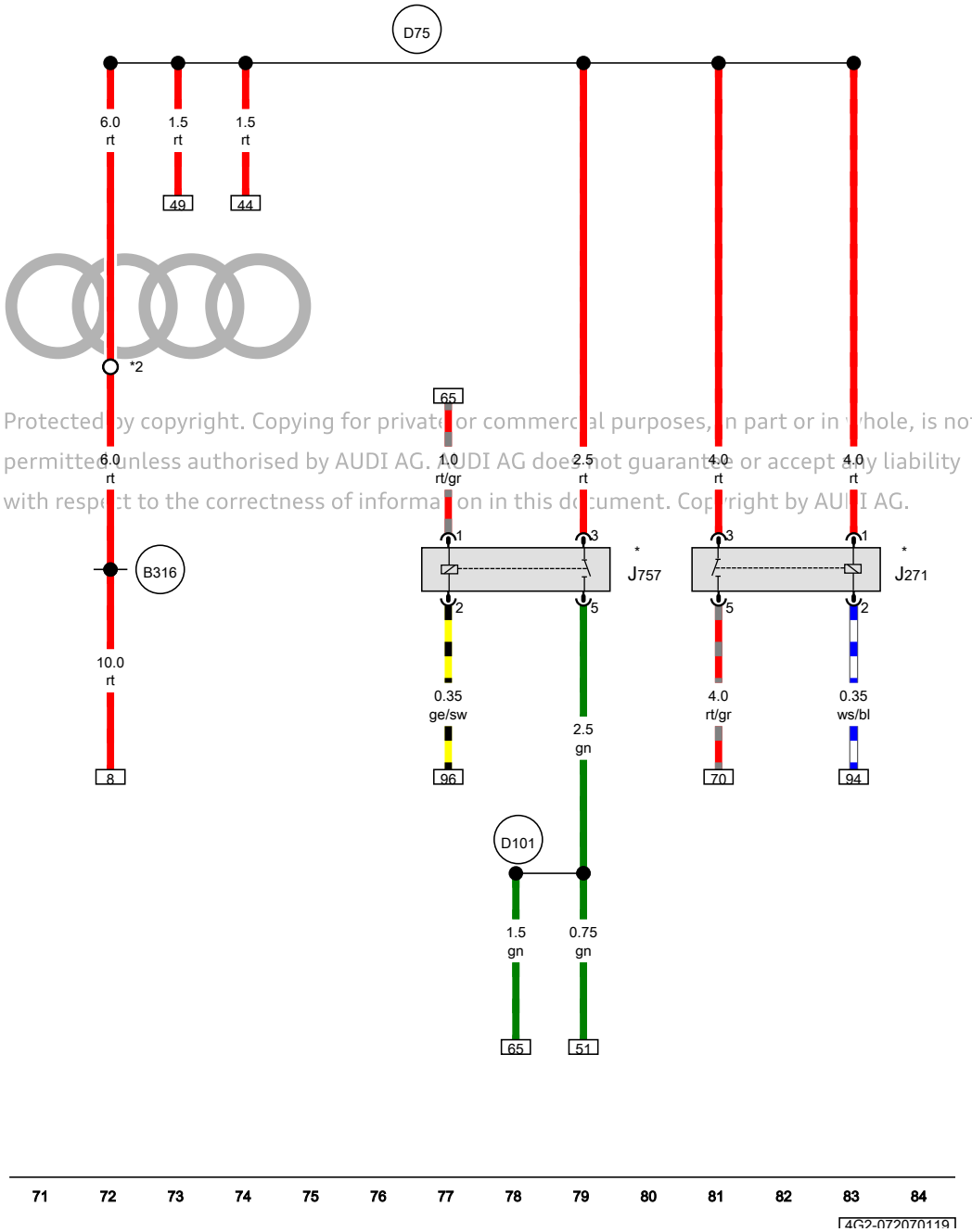


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Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox



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Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

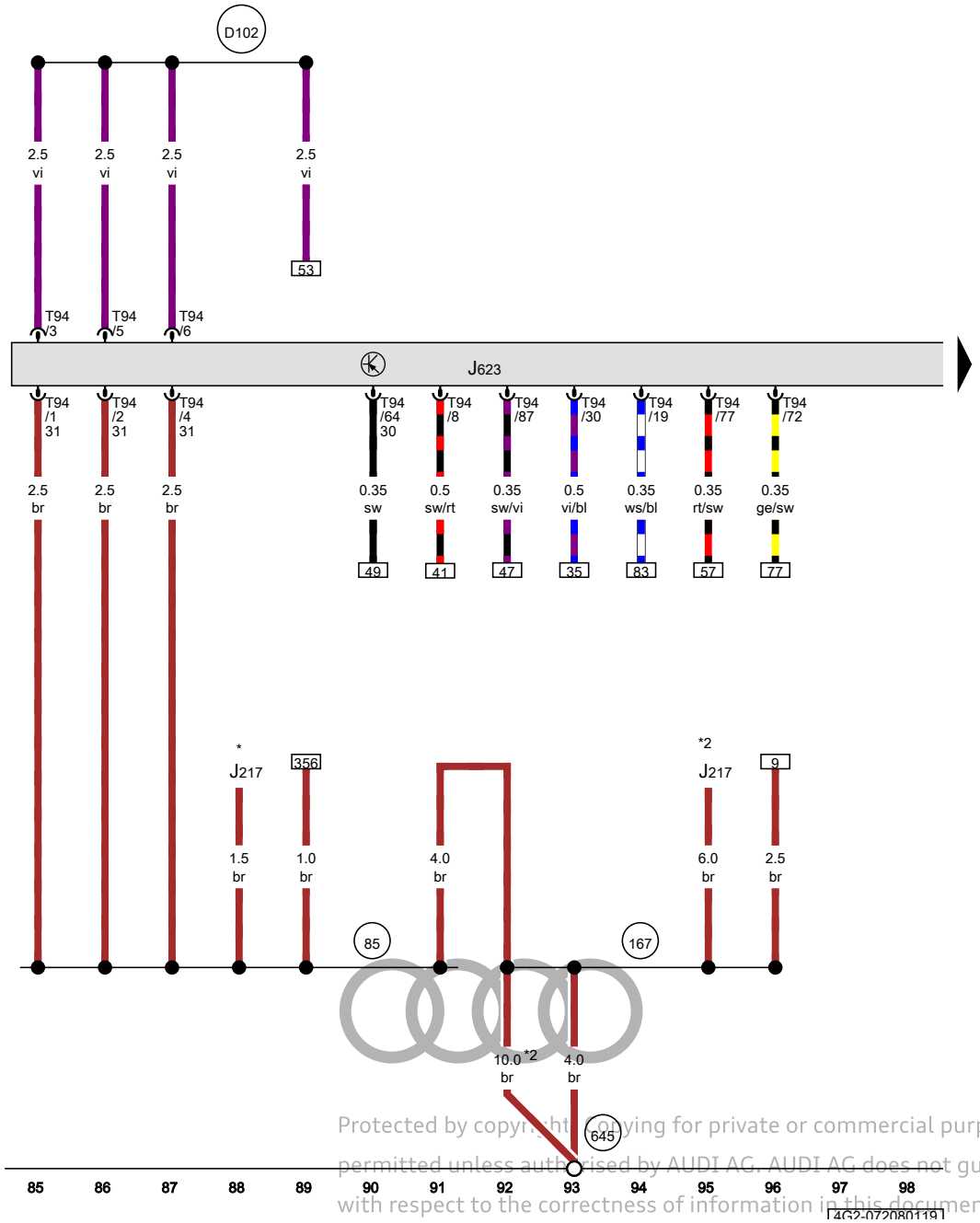
B316 Positive connection 2 (30a) in main wiring harness

D75 Positive connection 2 (30), in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber

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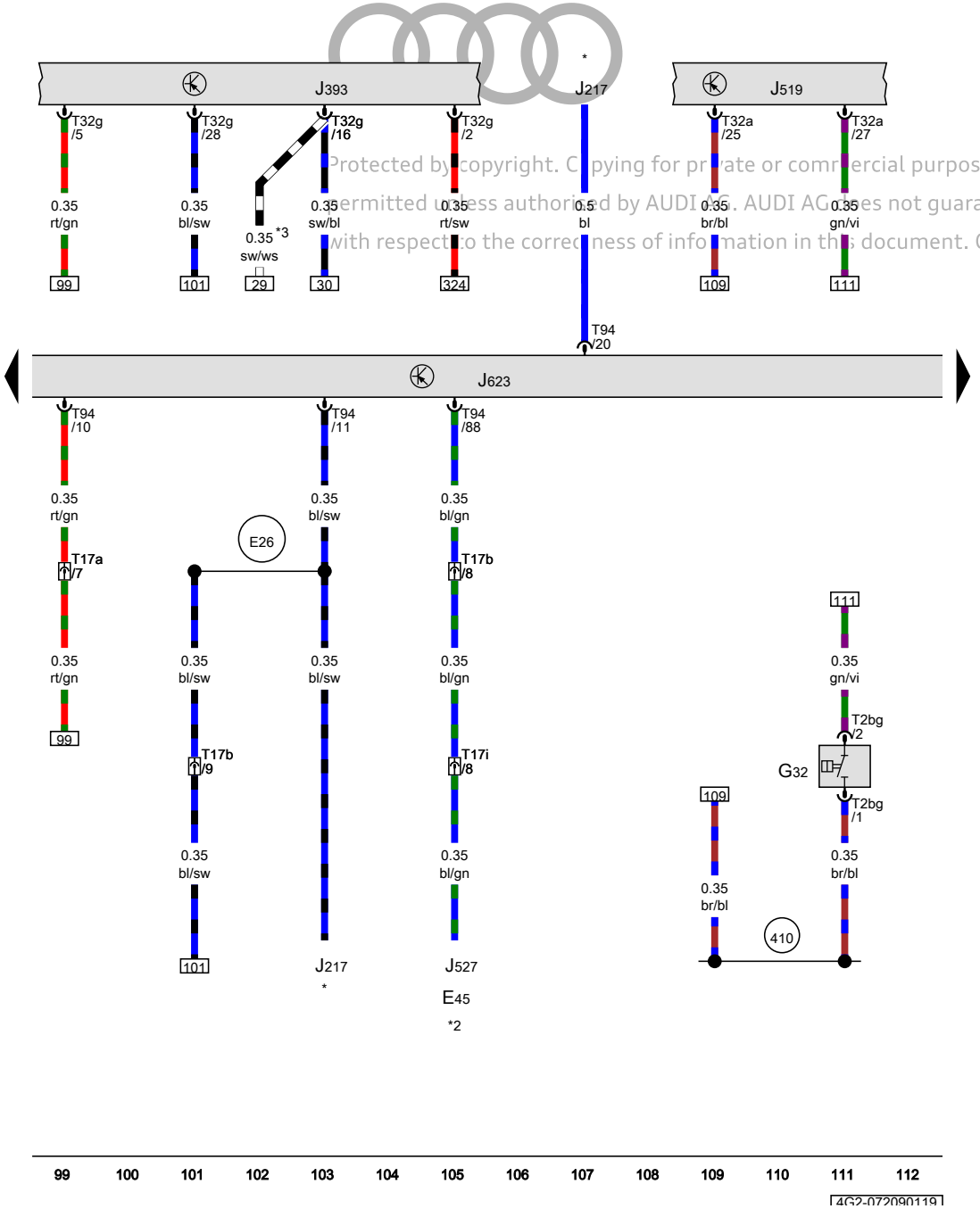


Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for dual clutch gearbox

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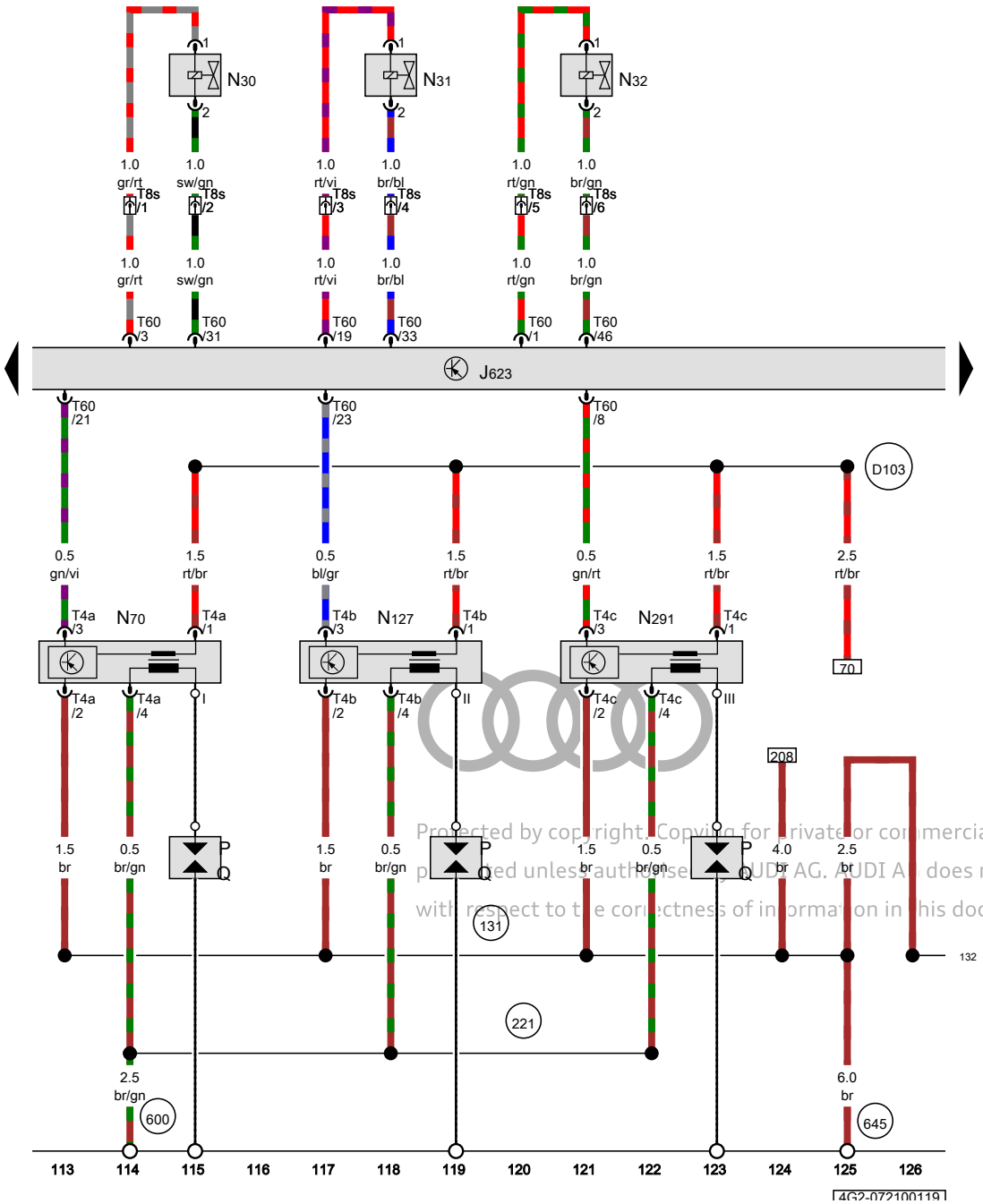


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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for gearbox
*2	For models with cruise control system (CCS)
*3	For right-hand drive models

ws	=	white
sw	=	black
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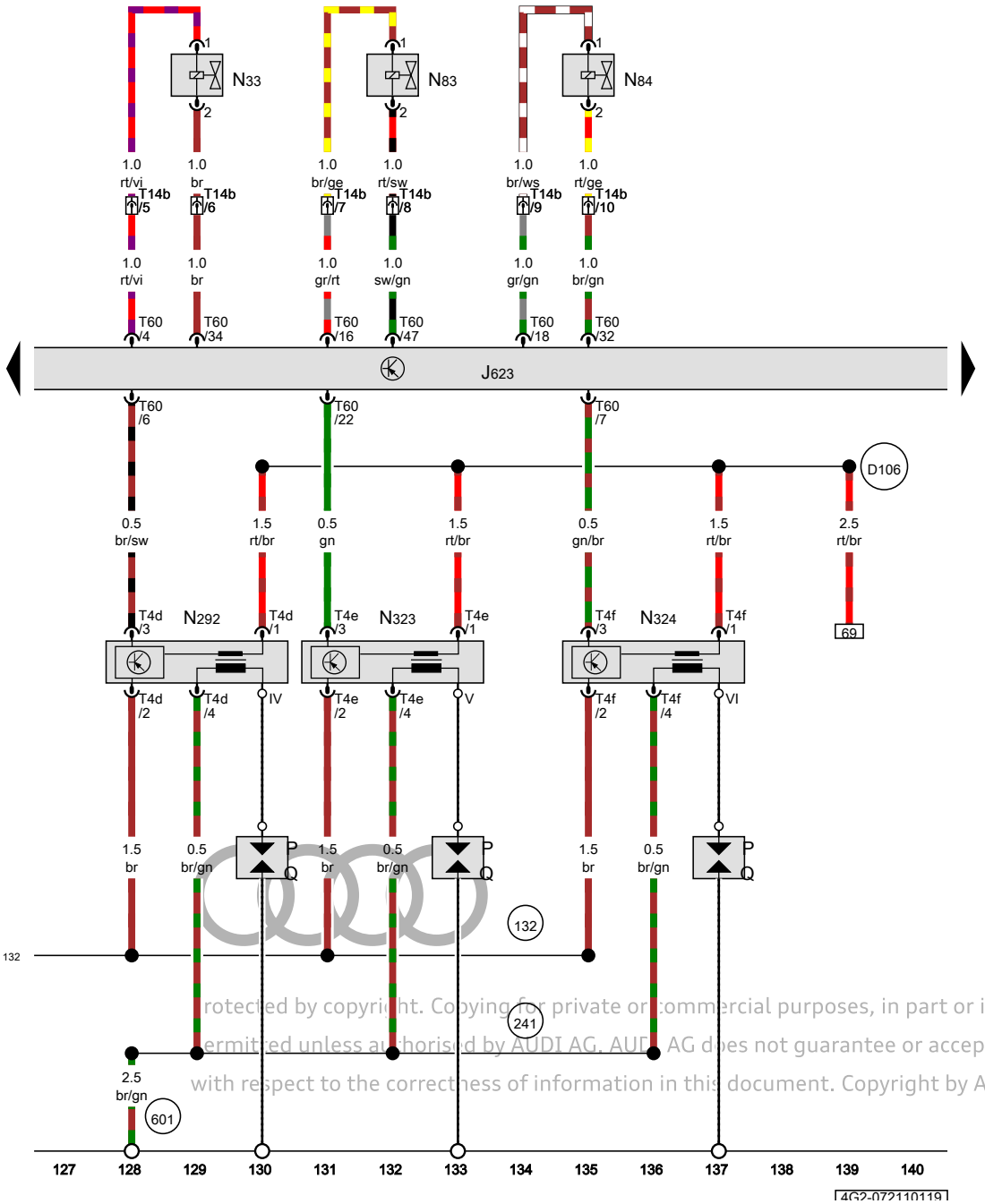


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Engine/motor control unit, Injector, cylinder 1, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4b	4-pin connector
T4c	4-pin connector
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
600	Earth point, on right cylinder head
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness

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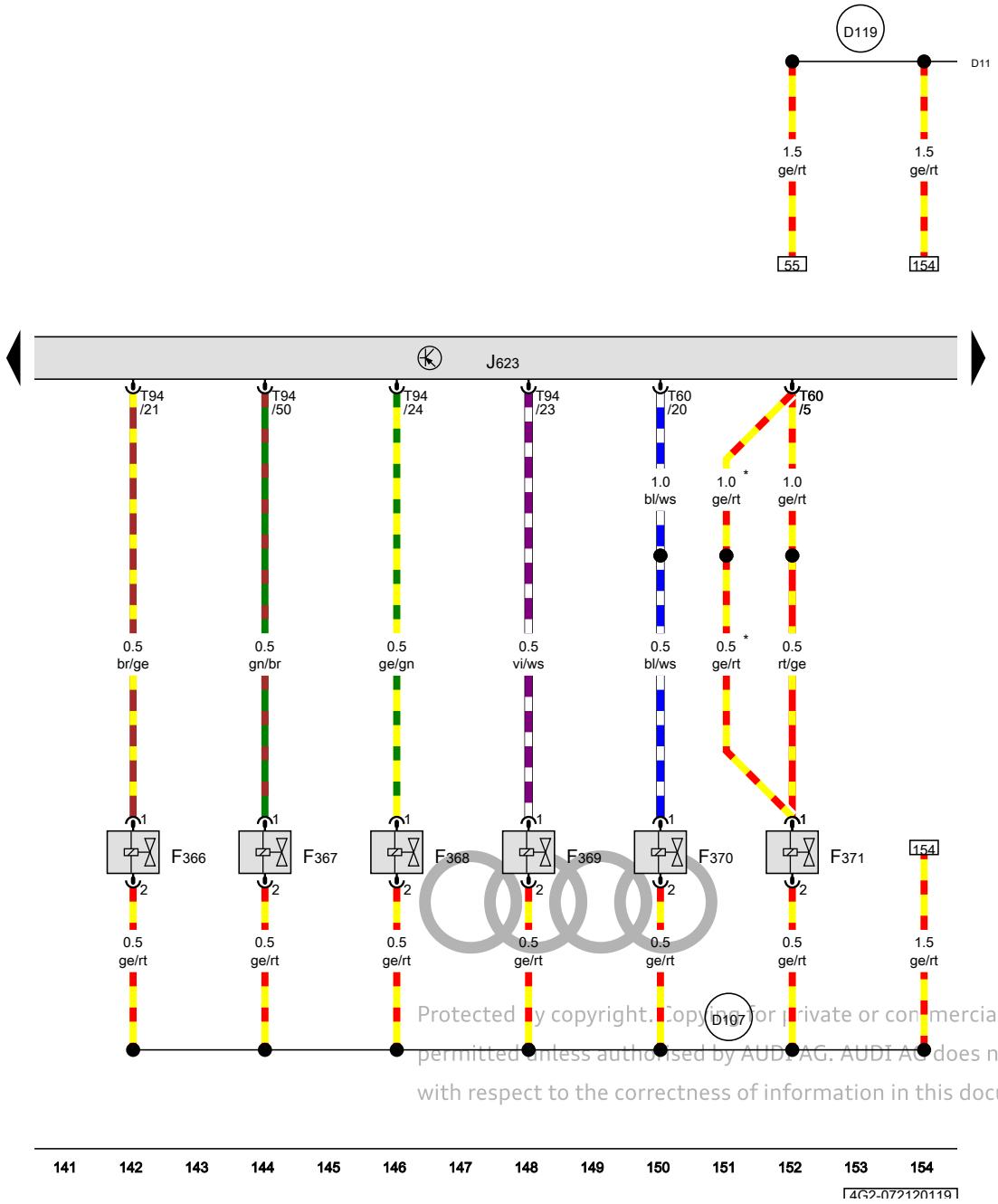


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Engine/motor control unit, Injector, cylinder 4, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
P	Spark plug connector
Q	Spark plugs
T4d	4-pin connector
T4e	4-pin connector
T4f	4-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
132	Earth connection 3, in engine compartment wiring harness
241	Earth connection 2, engine earth in engine wiring harness
601	Earth point, on left cylinder head
D106	Connection 4 in engine compartment wiring harness

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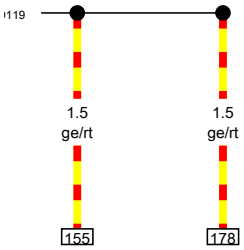


Cam adjustment actuator 1, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
J623	Engine/motor control unit
T60	60-pin connector
T94	94-pin connector
D107	Connection 5 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	gradual introduction

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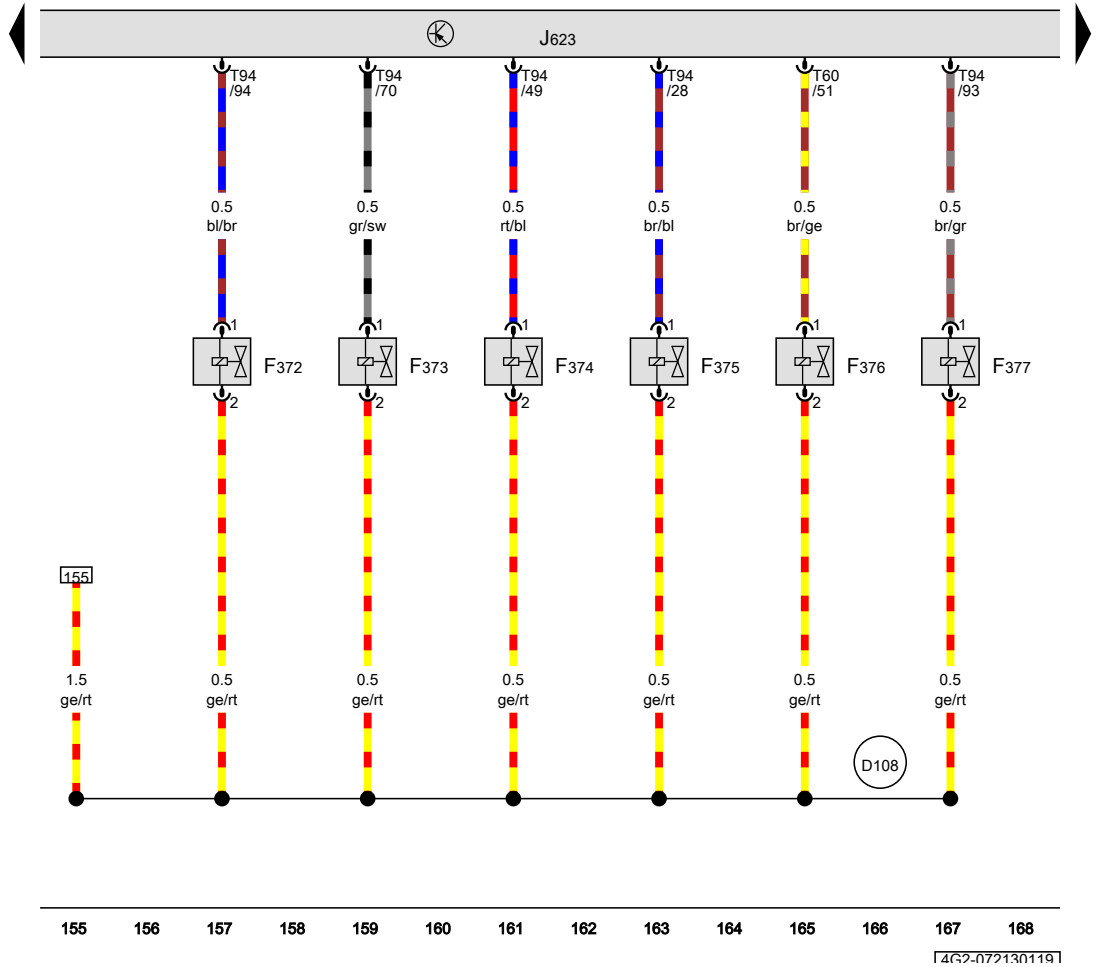
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Cam adjustment actuator 7, Engine/motor control unit

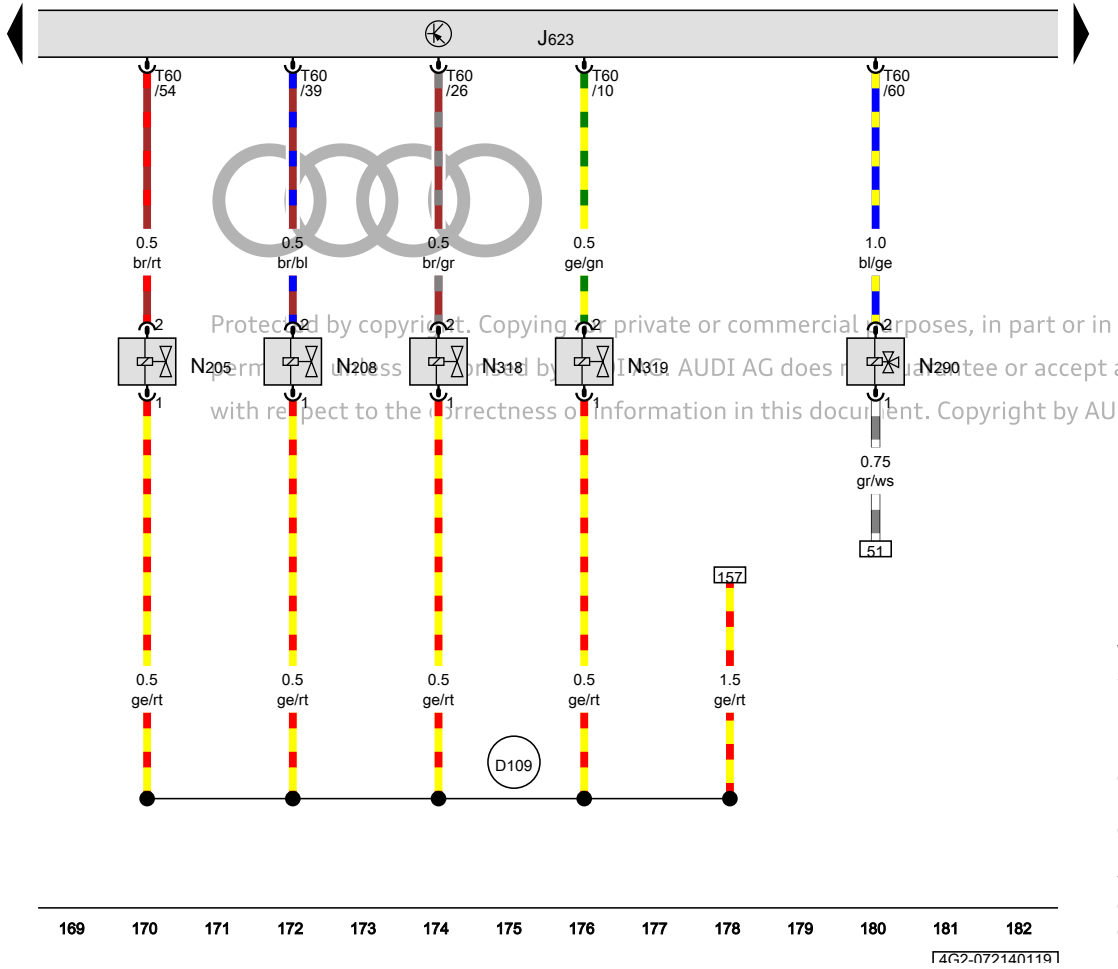
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
F374	Cam adjustment actuator 9
F375	Cam adjustment actuator 10
F376	Cam adjustment actuator 11
F377	Cam adjustment actuator 12
J623	Engine/motor control unit
T60	60-pin connector
T94	94-pin connector
D108	Connection 6 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness



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Engine/motor control unit, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1

J623	Engine/motor control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T60	60-pin connector
D109	Connection 7 in engine compartment wiring harness

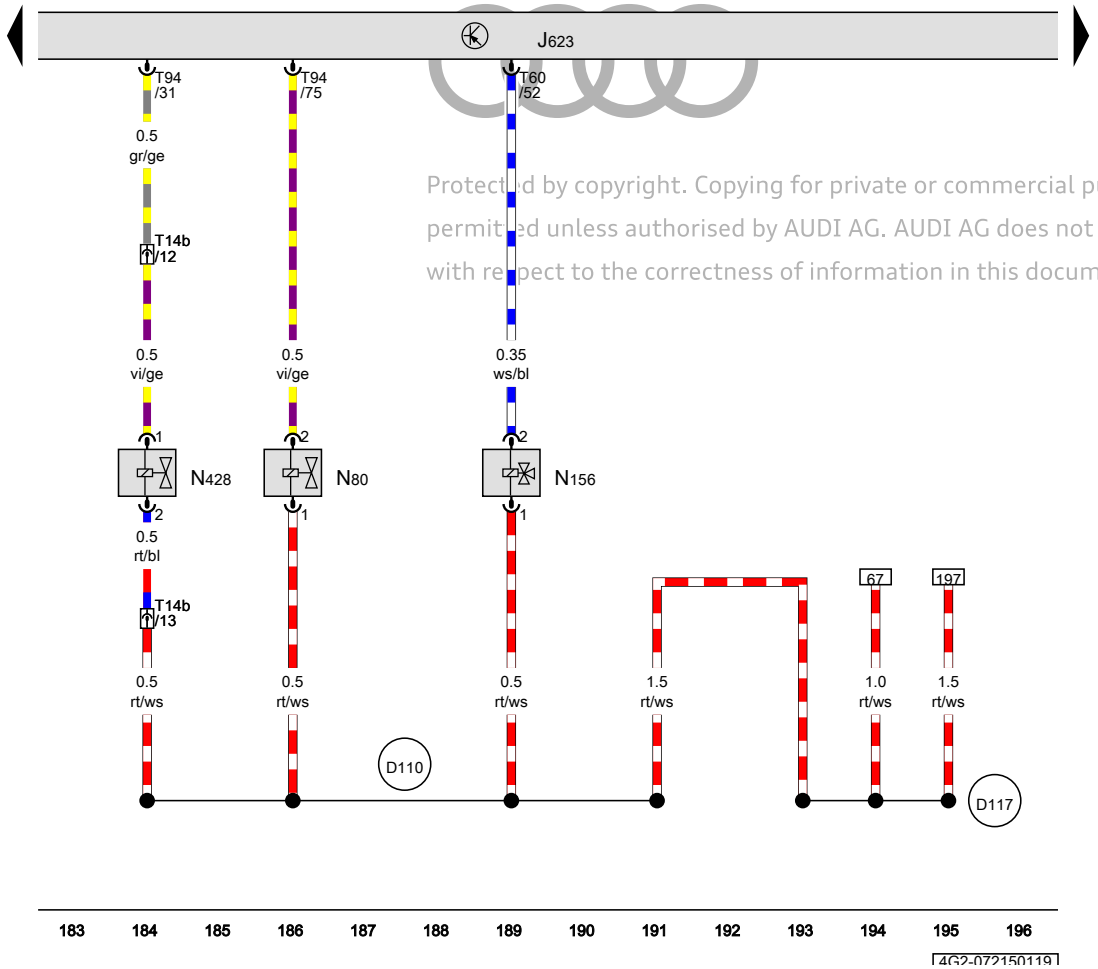


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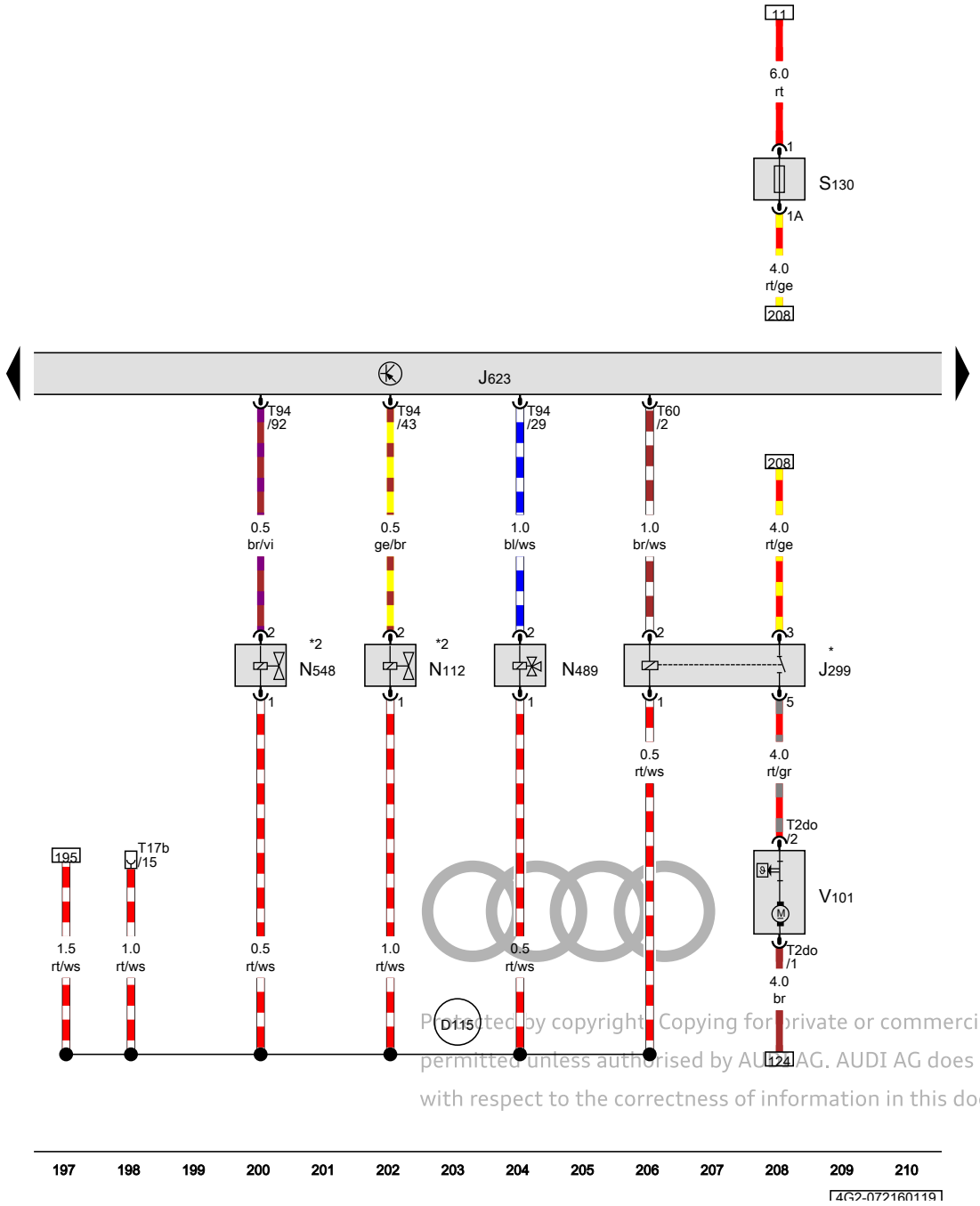
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Variable intake manifold changeover valve, Valve for oil pressure control

J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N156	Variable intake manifold changeover valve
N428	Valve for oil pressure control
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
D110	Connection 8 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness



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Secondary air pump relay, Engine/motor control unit, Coolant valve for cylinder head, Secondary air pump fuse, Secondary air pump motor

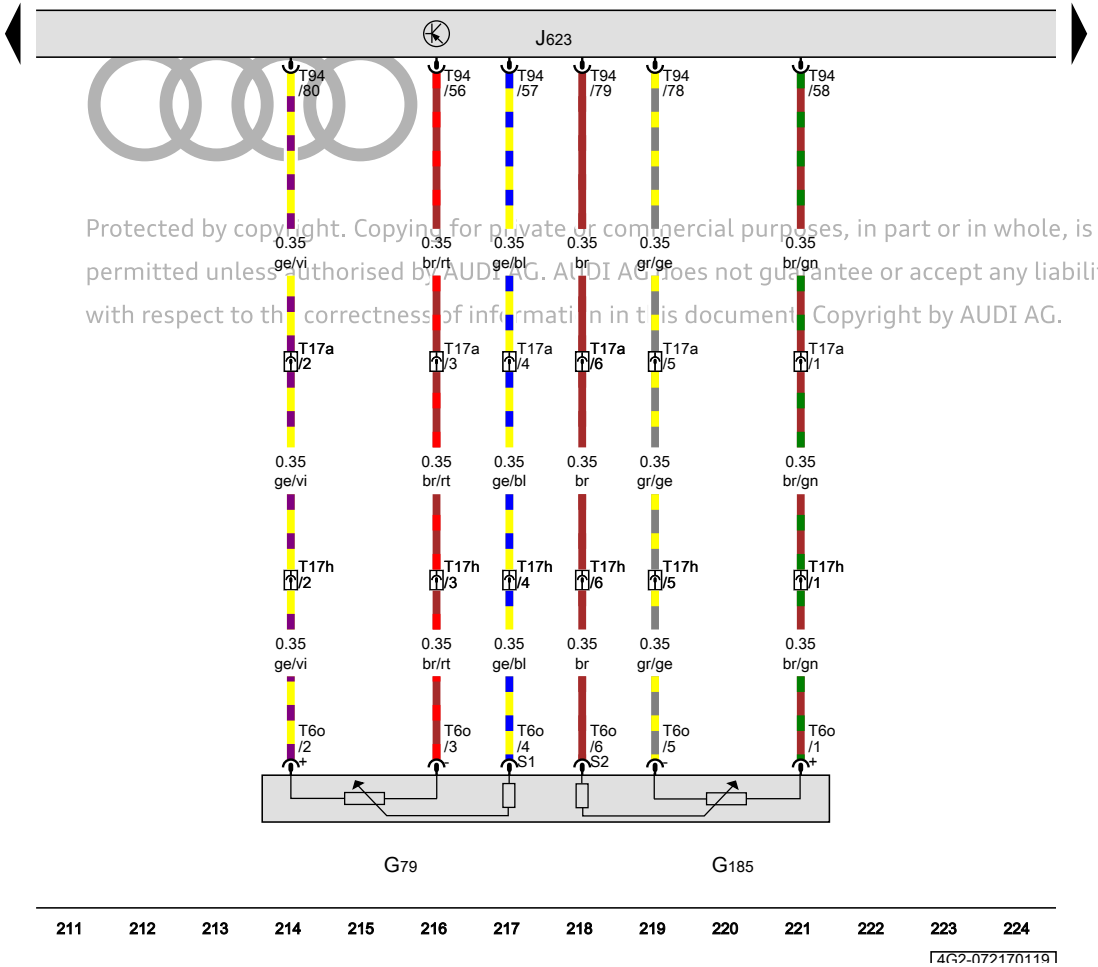
J299	Secondary air pump relay
J623	Engine/motor control unit
N112	Secondary air inlet valve
N489	Coolant valve for cylinder head
N548	Crankcase breather shut-off valve
S130	Secondary air pump fuse
T2do	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T60	60-pin connector
T94	94-pin connector
V101	Secondary air pump motor
D115	Connection 13 in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	gradual introduction

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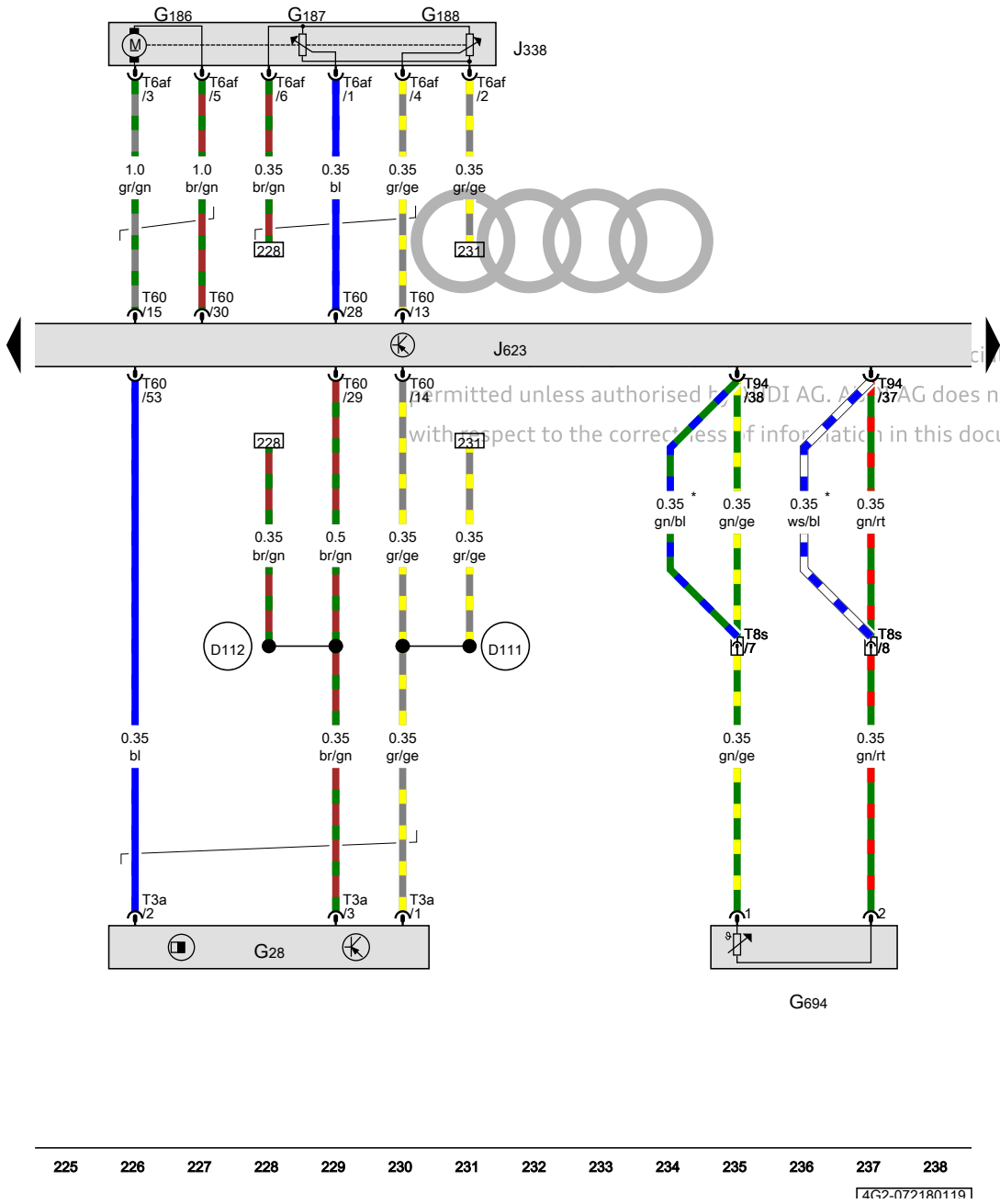
Accelerator position sender, Engine/motor control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T6o	6-pin connector
T17a	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T94	94-pin connector



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Engine speed sender, Temperature sender for engine temperature regulation, Throttle valve module, Engine/ motor control unit

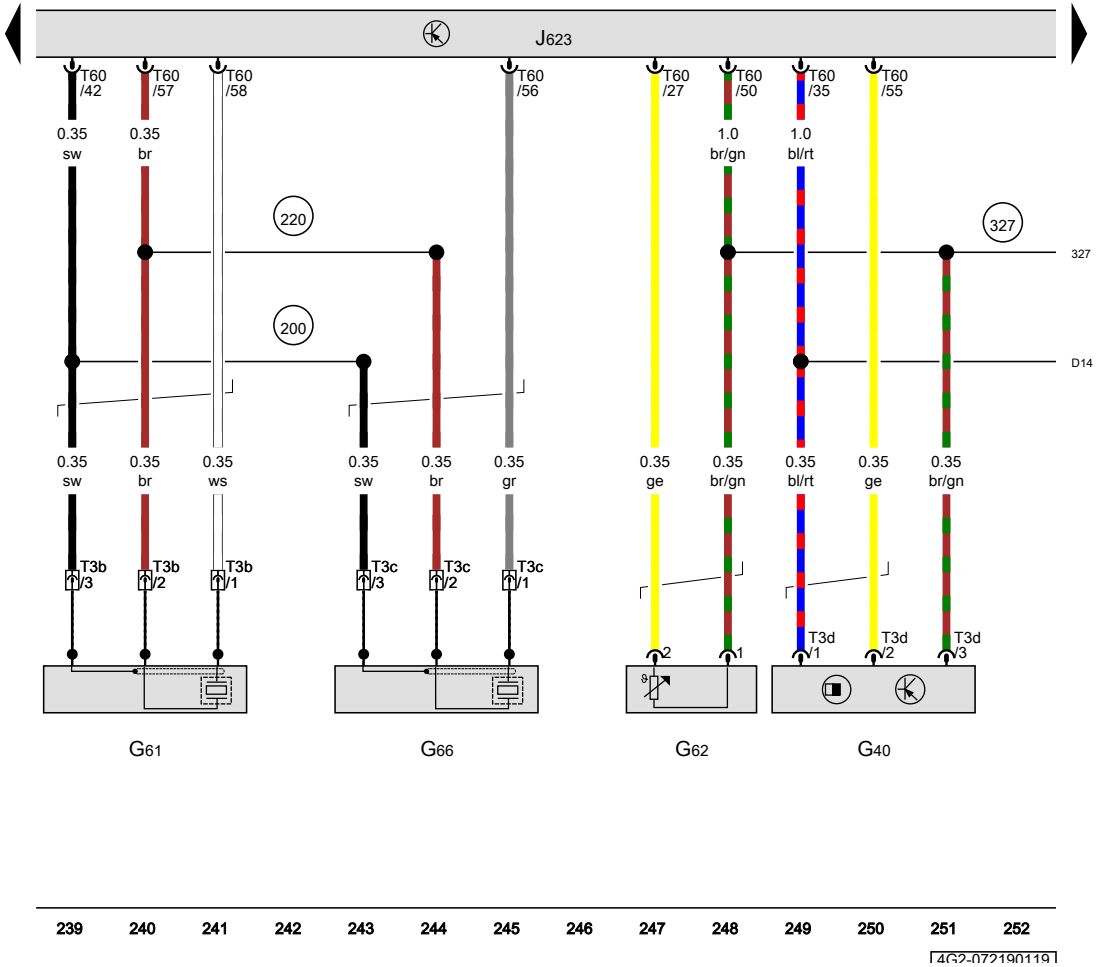
G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G694	Temperature sender for engine temperature regulation
J338	Throttle valve module
J623	Engine/motor control unit
T3a	3-pin connector
T6af	6-pin connector
T8s	8-pin connector, on right in engine compartment
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	From November 2014

ws	=	white
sw	=	black
ro	=	red
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br	=	brown
gn	=	green
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Hall sender, Knock sensor 1, Coolant temperature sender, Knock sensor 2, Engine/motor control unit

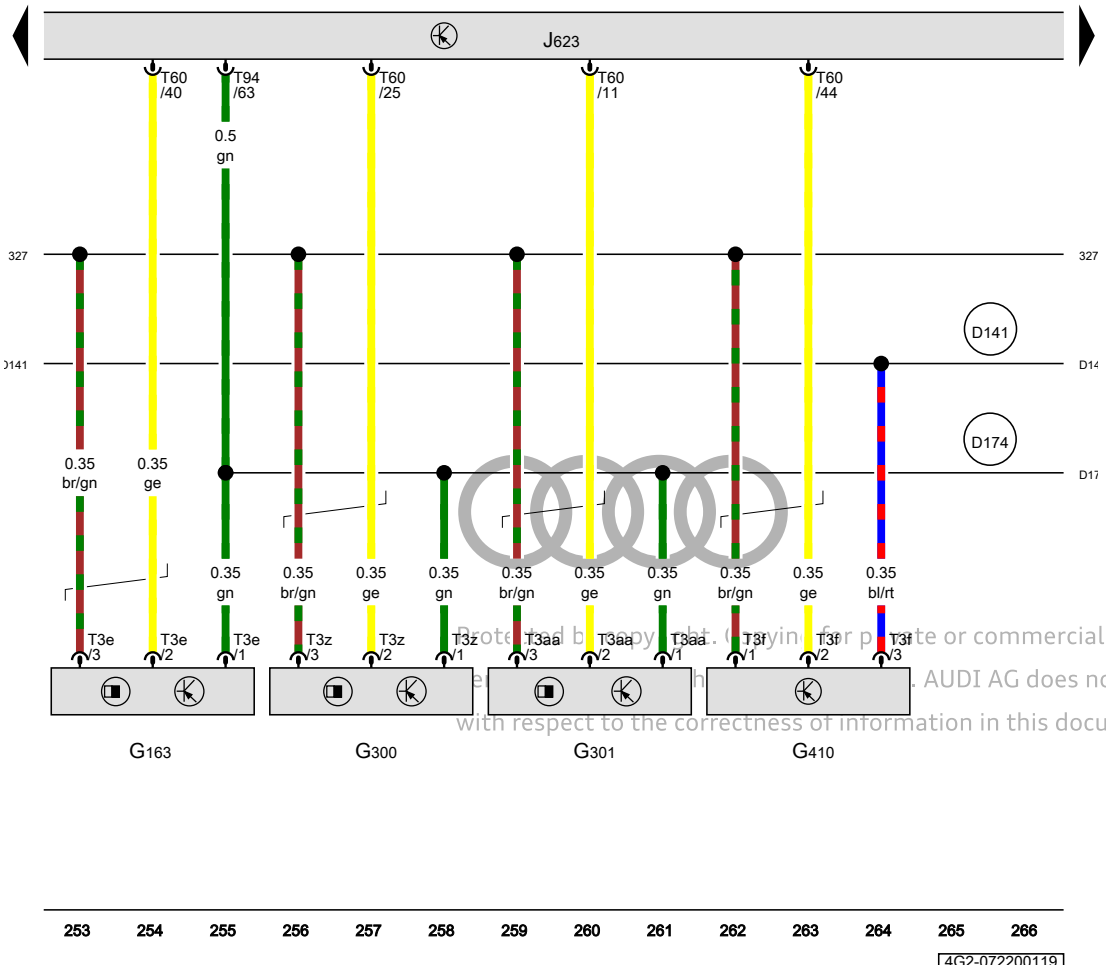
G40	Hall sender
G61	Knock sensor 1
G62	Coolant temperature sender
G66	Knock sensor 2
J623	Engine/motor control unit
T3b	3-pin connector, grey
T3c	3-pin connector
T3d	3-pin connector
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness



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br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
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rs	=	pink

Fuel pressure sender for low pressure, Engine/motor control unit

G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
G410	Fuel pressure sender for low pressure
J623	Engine/motor control unit
T3aa	3-pin connector
T3e	3-pin connector
T3f	3-pin connector
T3z	3-pin connector
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness



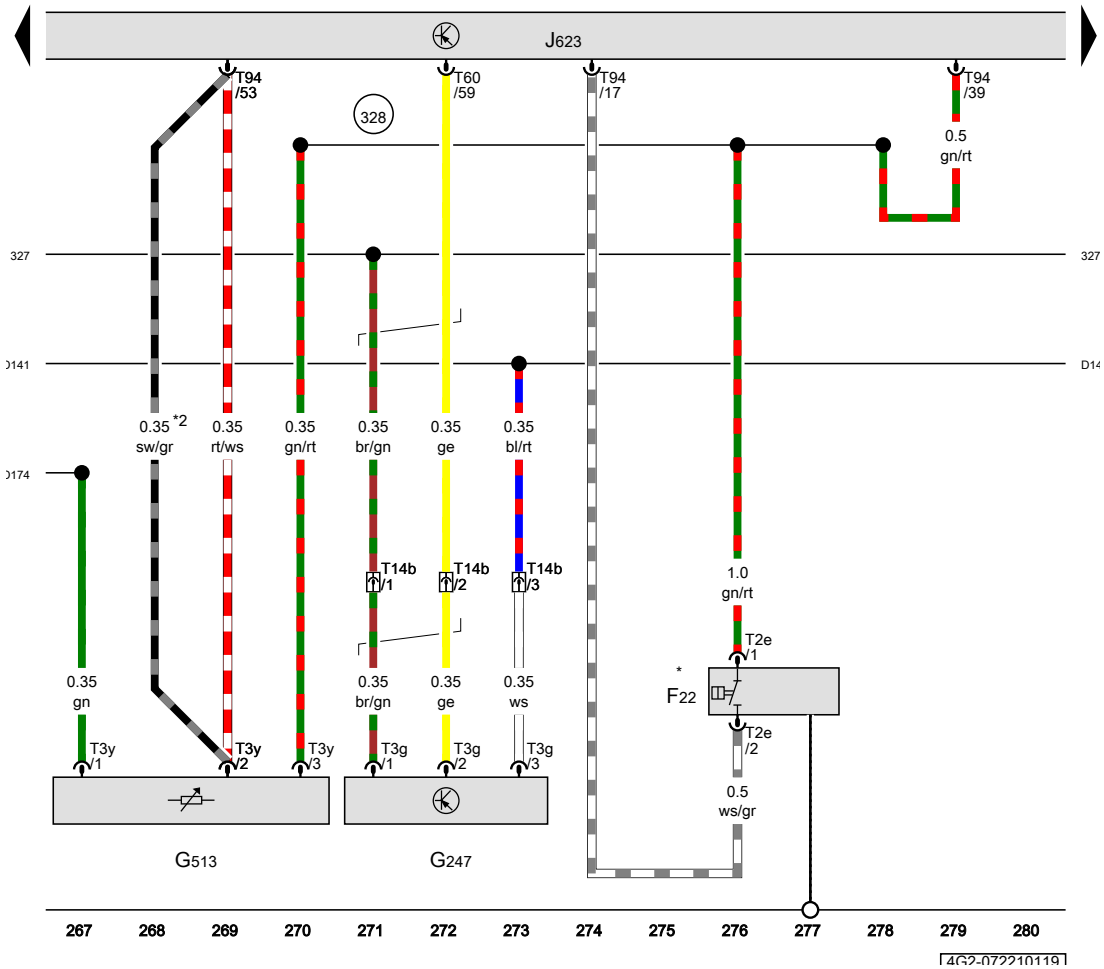
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink

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Oil pressure switch, Fuel pressure sender, Variable intake manifold position sender, Engine/motor control unit

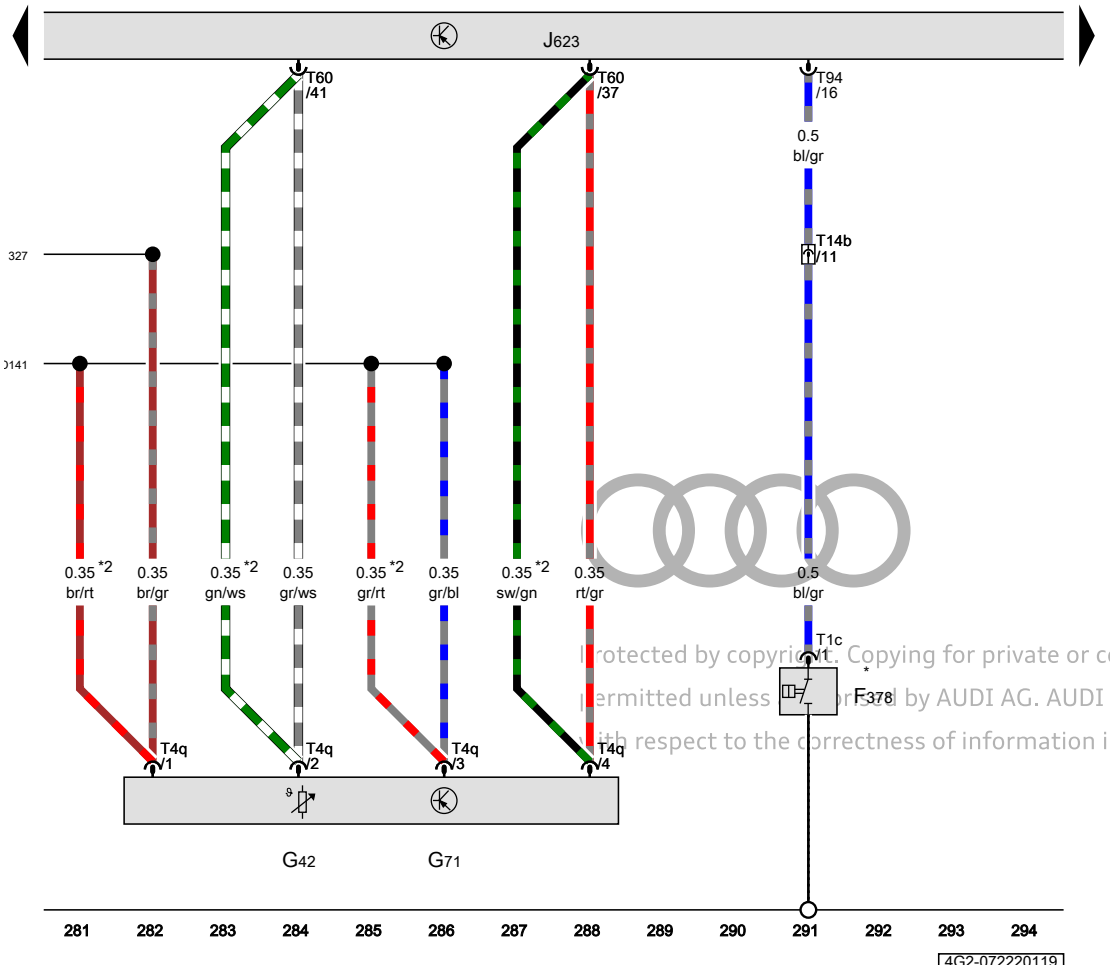
F22	Oil pressure switch
G247	Fuel pressure sender
G513	Variable intake manifold position sender
J623	Engine/motor control unit
T2e	2-pin connector
T3g	3-pin connector
T3y	3-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	2.6 bar
*2	From November 2014



ws	=	white
sw	=	black
ro	=	red
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch for reduced oil pressure, Intake air temperature sender, Intake manifold pressure sender, Engine/motor control unit

F378	Oil pressure switch for reduced oil pressure
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J623	Engine/motor control unit
T1c	1-pin connector
T4q	4-pin connector
T14b	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	0.9 bar
*2	From November 2014



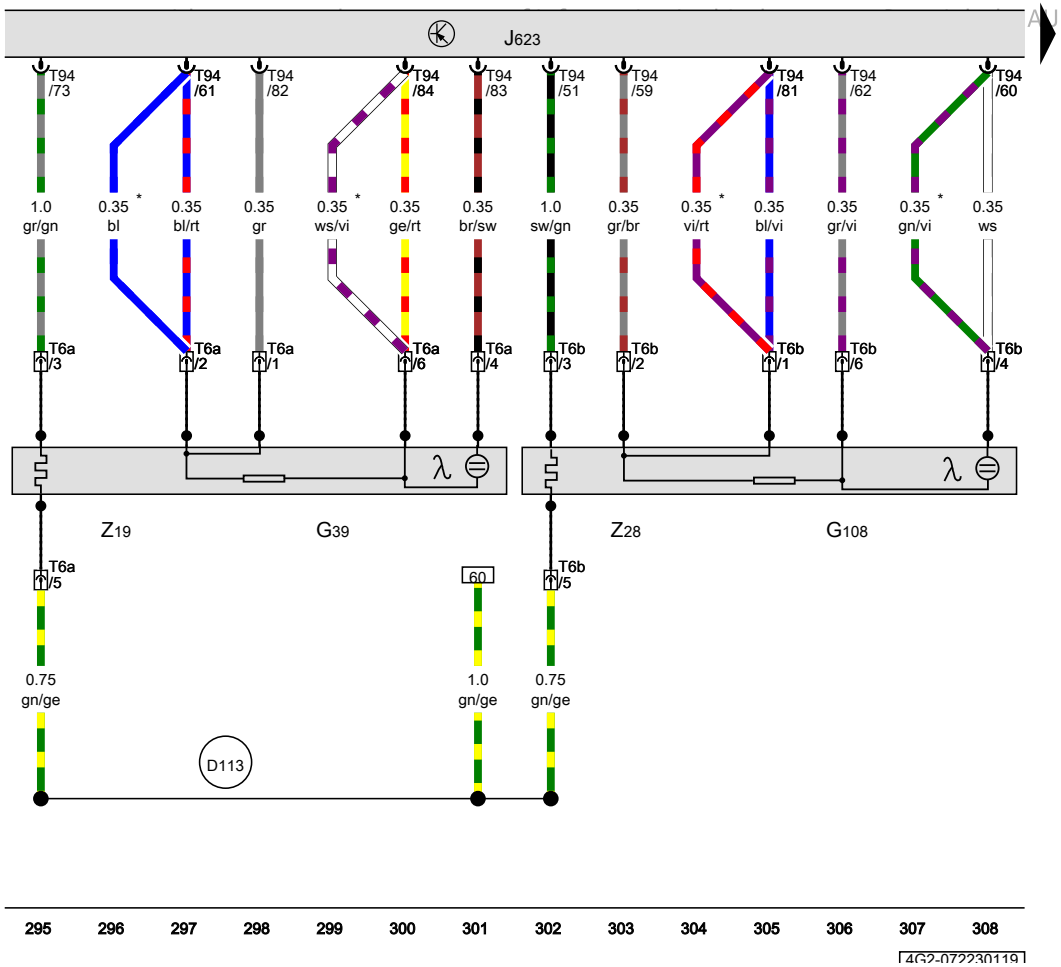
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rs	=	pink

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Lambda probe, Lambda probe 2, Engine/motor control unit, Lambda probe heater 2

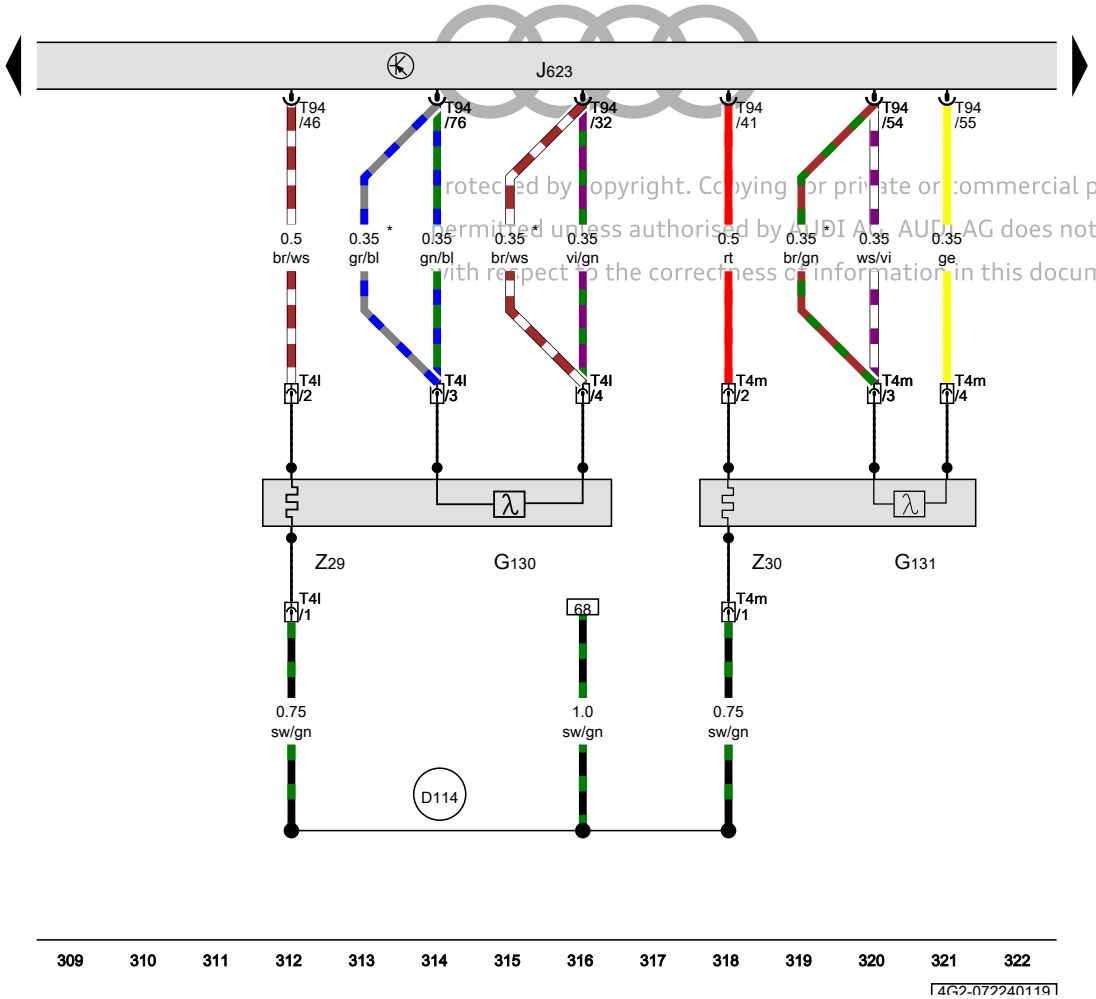
G39	Lambda probe
G108	Lambda probe 2
J623	Engine/motor control unit
T6a	6-pin connector, black
T6b	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D113	Connection 11 in engine compartment wiring harness
*	From November 2014



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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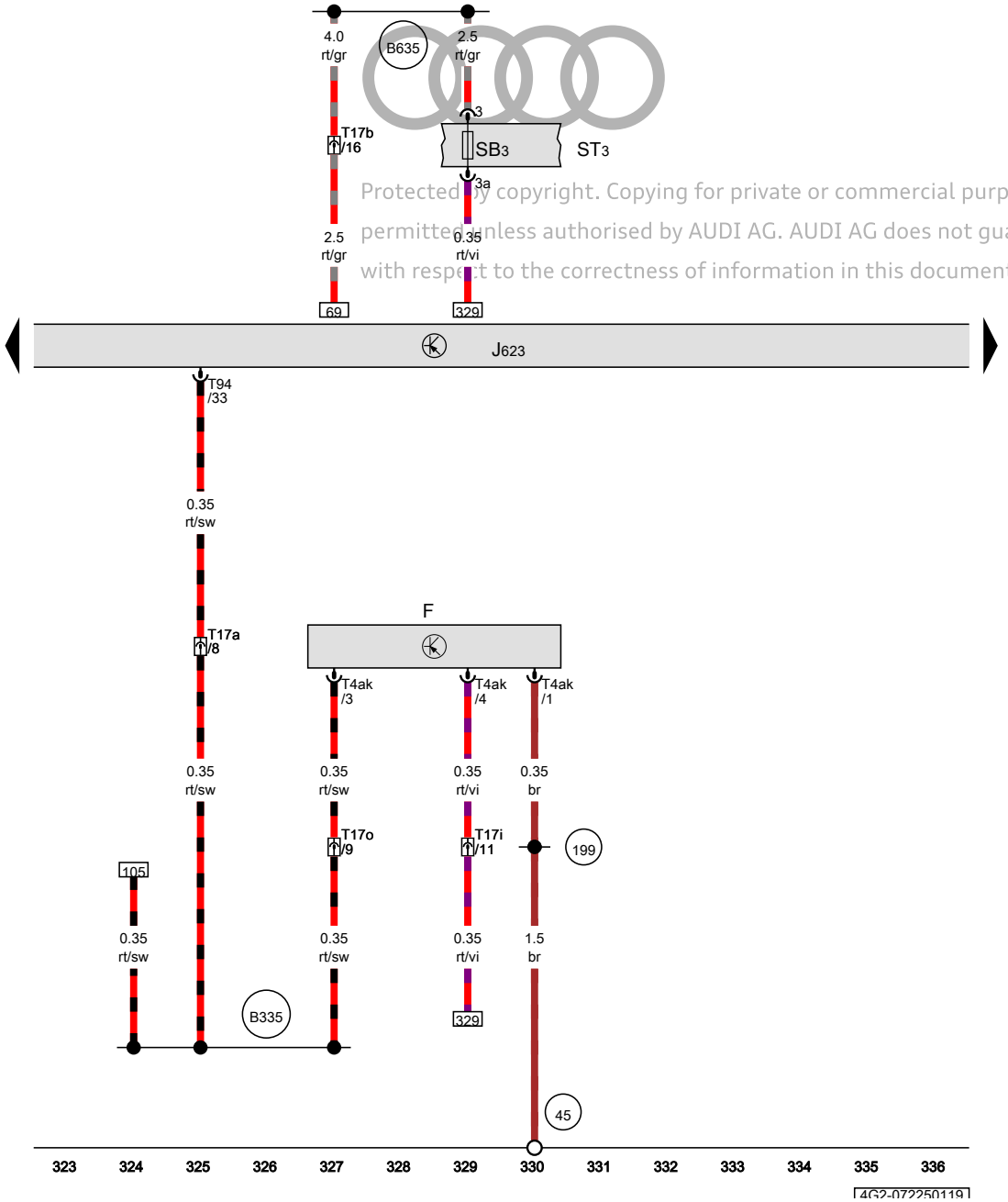
Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine/motor control unit

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, black
T4m	4-pin connector, black
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D114	Connection 12 in engine compartment wiring harness
*	From November 2014



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br	=	brown
gn	=	green
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rs	=	pink



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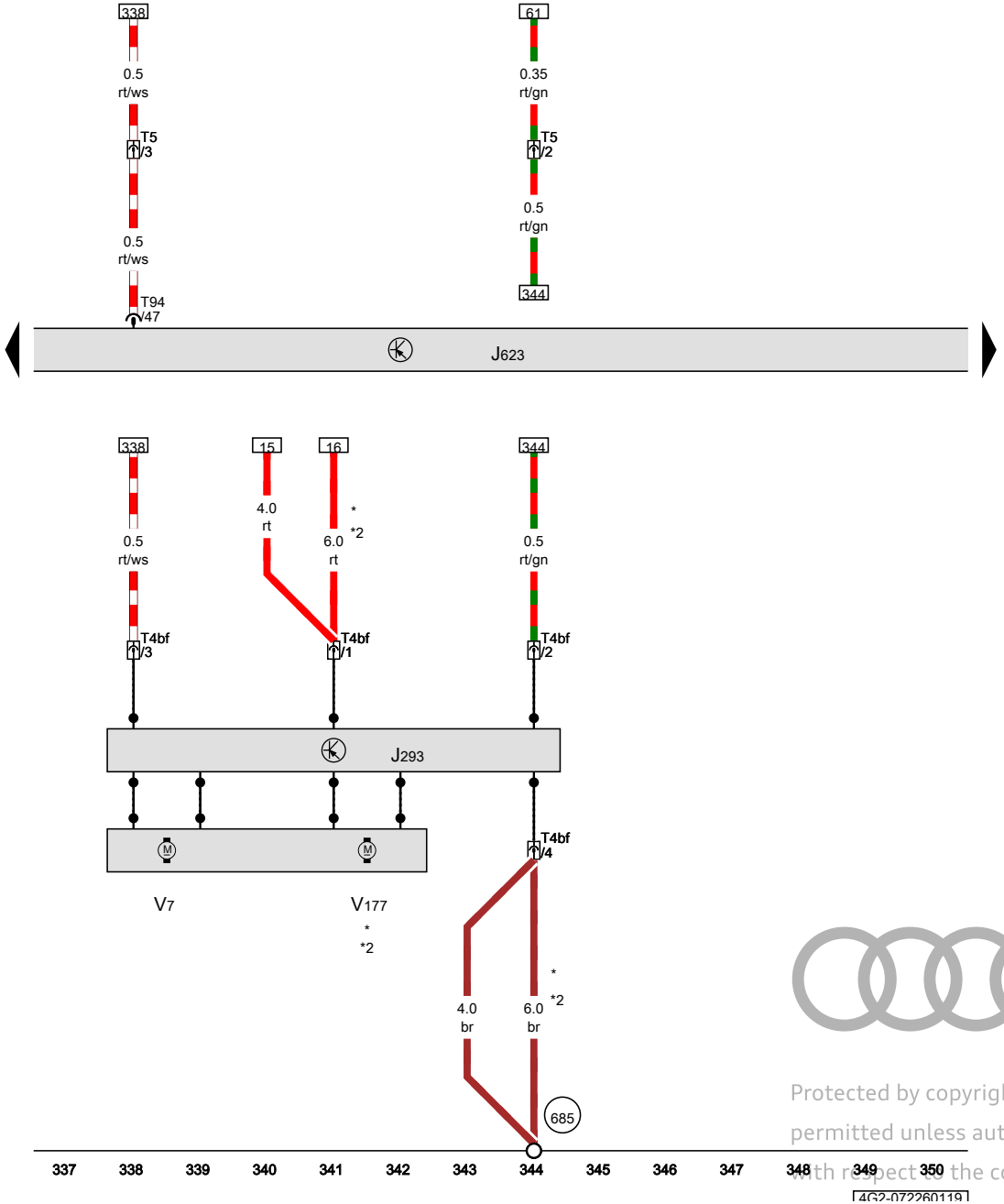
Brake light switch, Engine/motor control unit

F	Brake light switch
J623	Engine/motor control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radiator fan control unit, Engine/motor control unit, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J623	Engine/motor control unit
T4bf	4-pin connector
T5	5-pin connector, central in plenum chamber
T94	94-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
*	For models with trailer socket
*2	For countries with hot climate

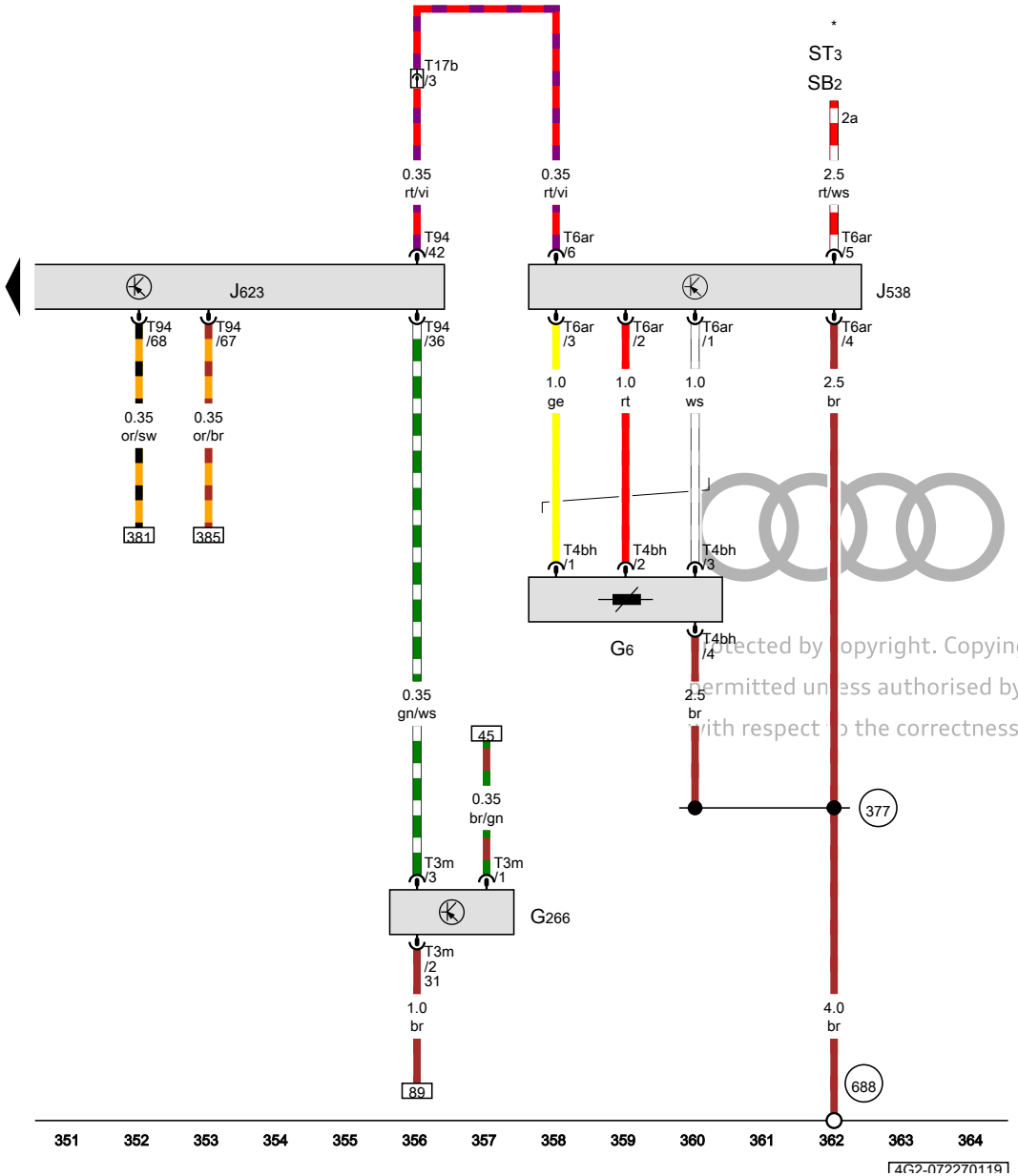


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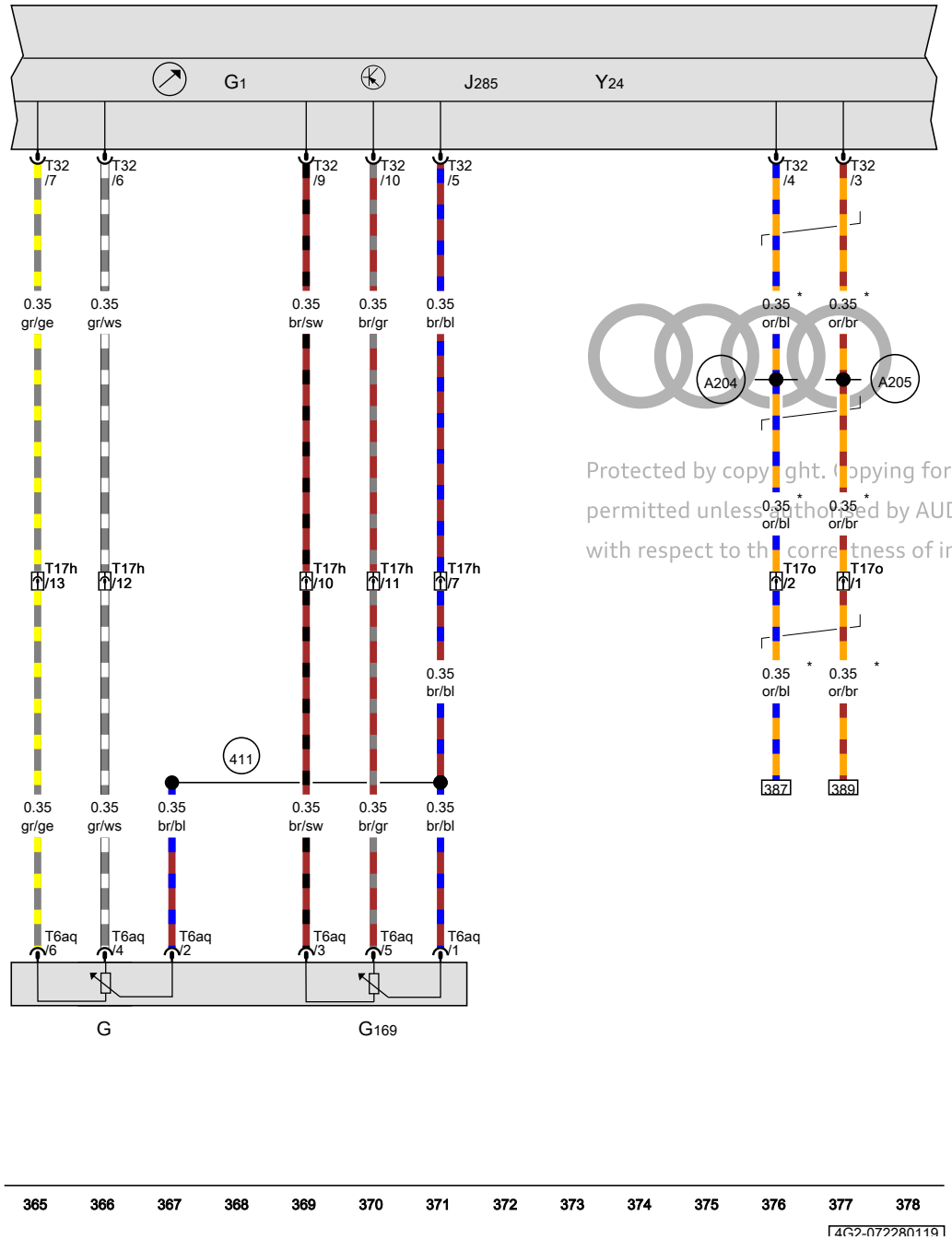
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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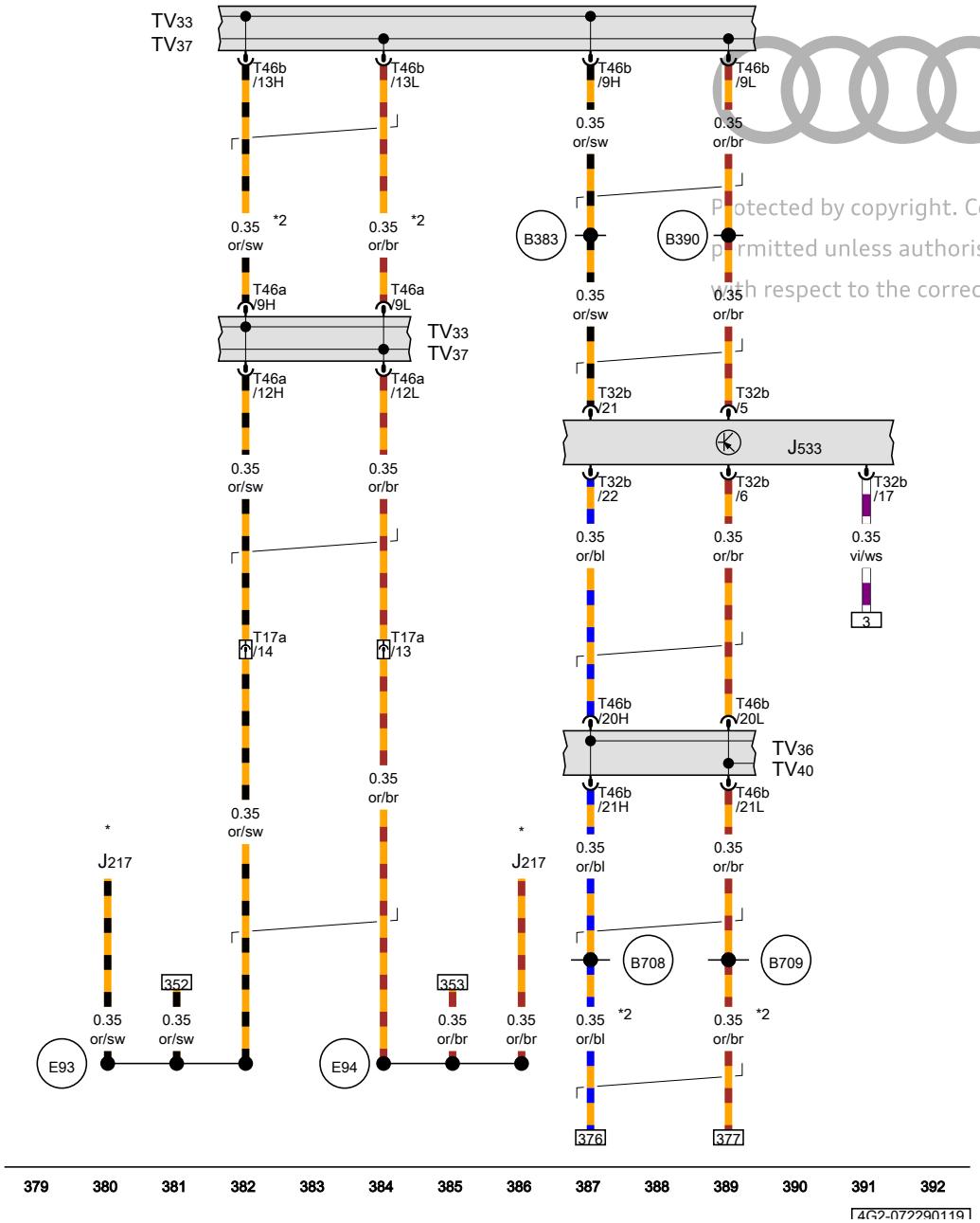


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

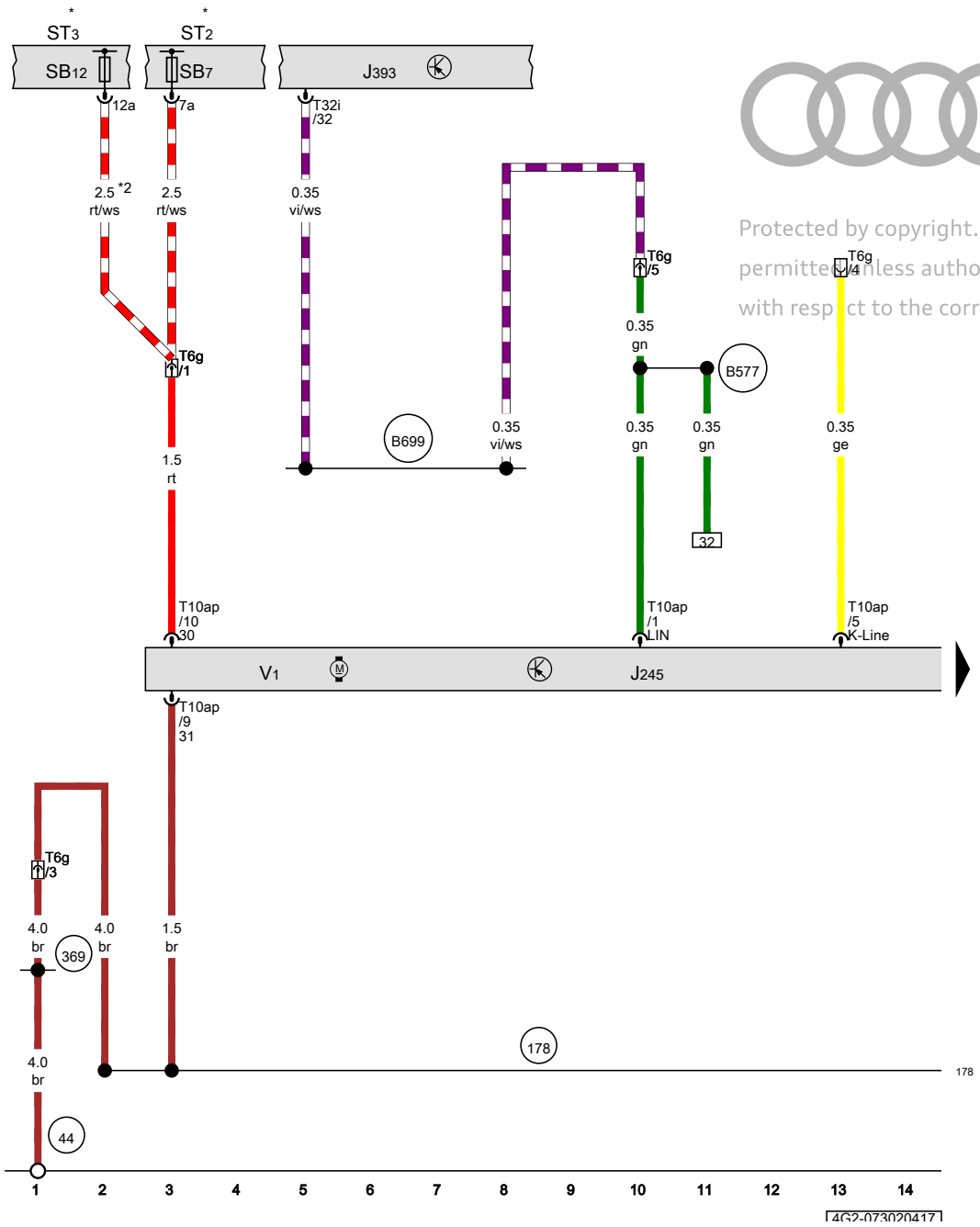
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Data bus wire (CAN bus)

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Panoramic sliding sunroof , (3FU)

From December 2011

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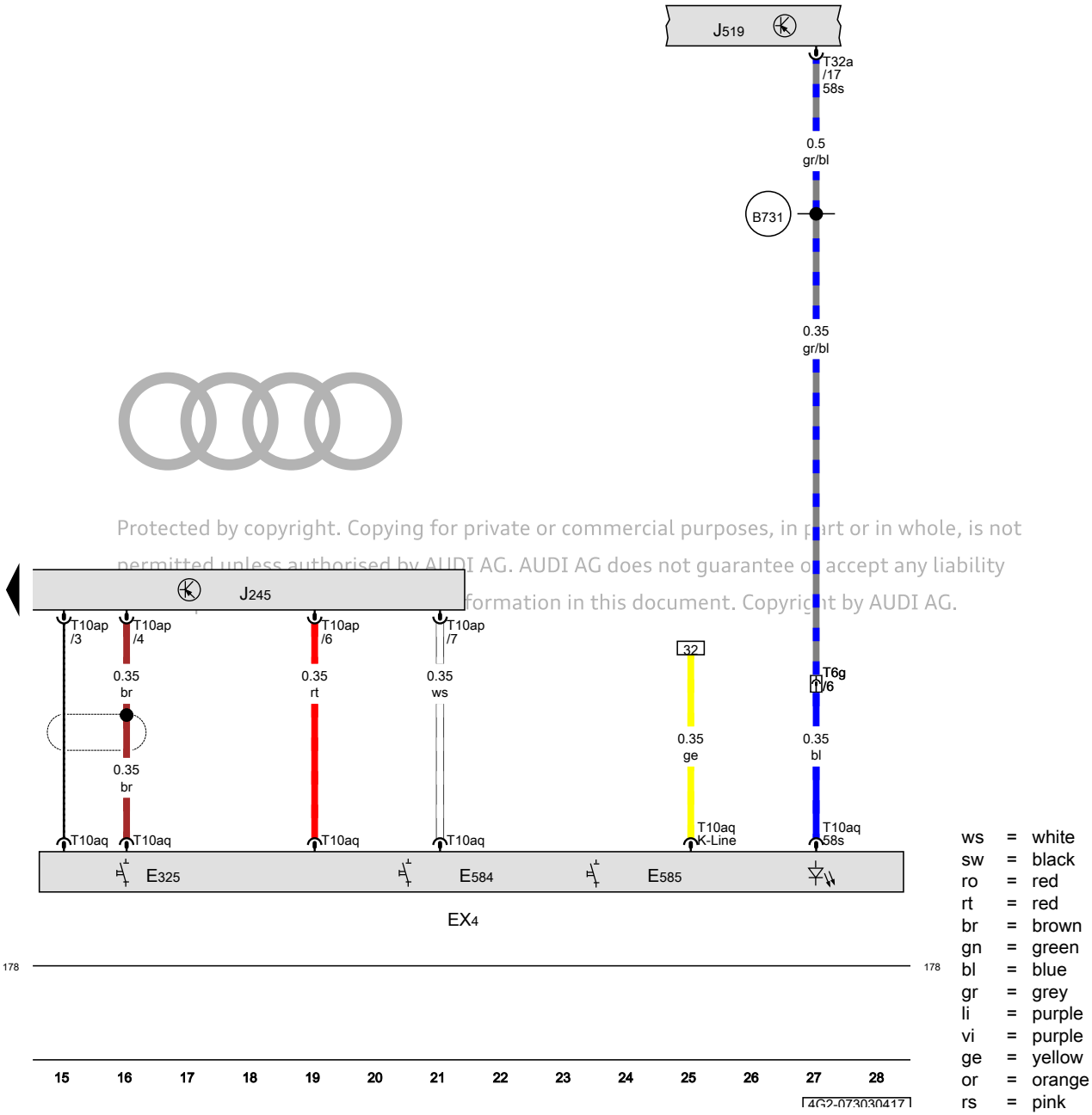


ws = white
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6g	6-pin connector, under roof trim
T10ap	10-pin connector, black
T32i	32-pin connector
V1	Sliding sunroof motor
44	Earth point, lower part of left A-pillar
178	Earth connection, in sliding sunroof wiring harness
369	Earth connection 4, in main wiring harness
B577	LIN bus connection, in roof wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

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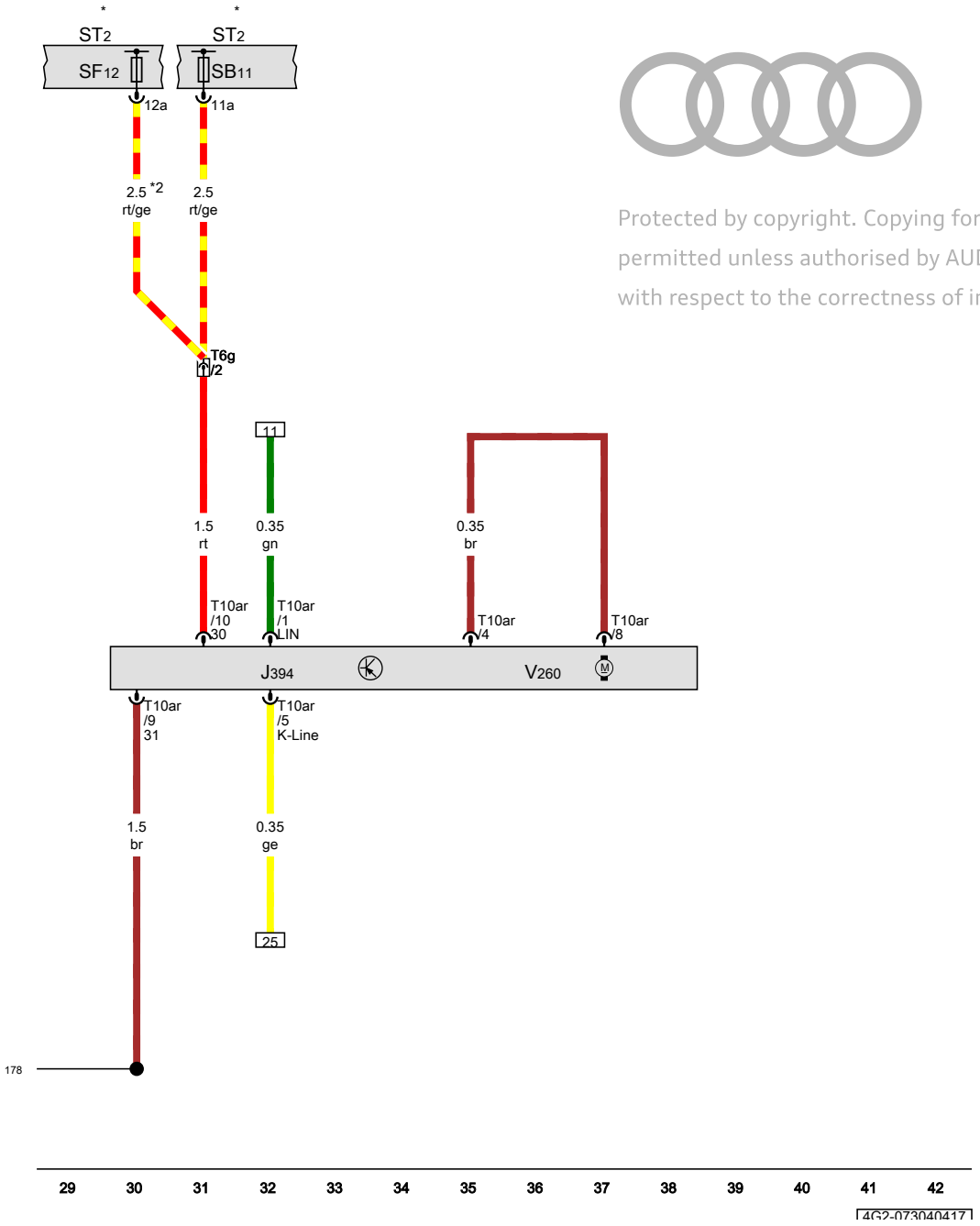


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Sliding sunroof adjustment, Button 1 for roof roller blind, Sliding sunroof adjustment control unit, Onboard supply control unit

EX4	Sliding sunroof adjustment
E325	Sunroof button
E584	Button 1 for roof roller blind
E585	Button 2 for roof roller blind
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
T6g	6-pin connector, under roof trim
T10ap	10-pin connector, black
T10aq	10-pin connector
T32a	32-pin connector
178	Earth connection, in sliding sunroof wiring harness
B731	Connection 1 (58s), in main wiring harness



Sunroof roller blind control unit, Sunroof roller blind motor

J394	Sunroof roller blind control unit
ST2	Fuse carrier 2
SB11	Fuse 11 on fuse holder B
SF12	Fuse 12 in fuse holder F
T6g	6-pin connector, under roof trim
T10ar	10-pin connector
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

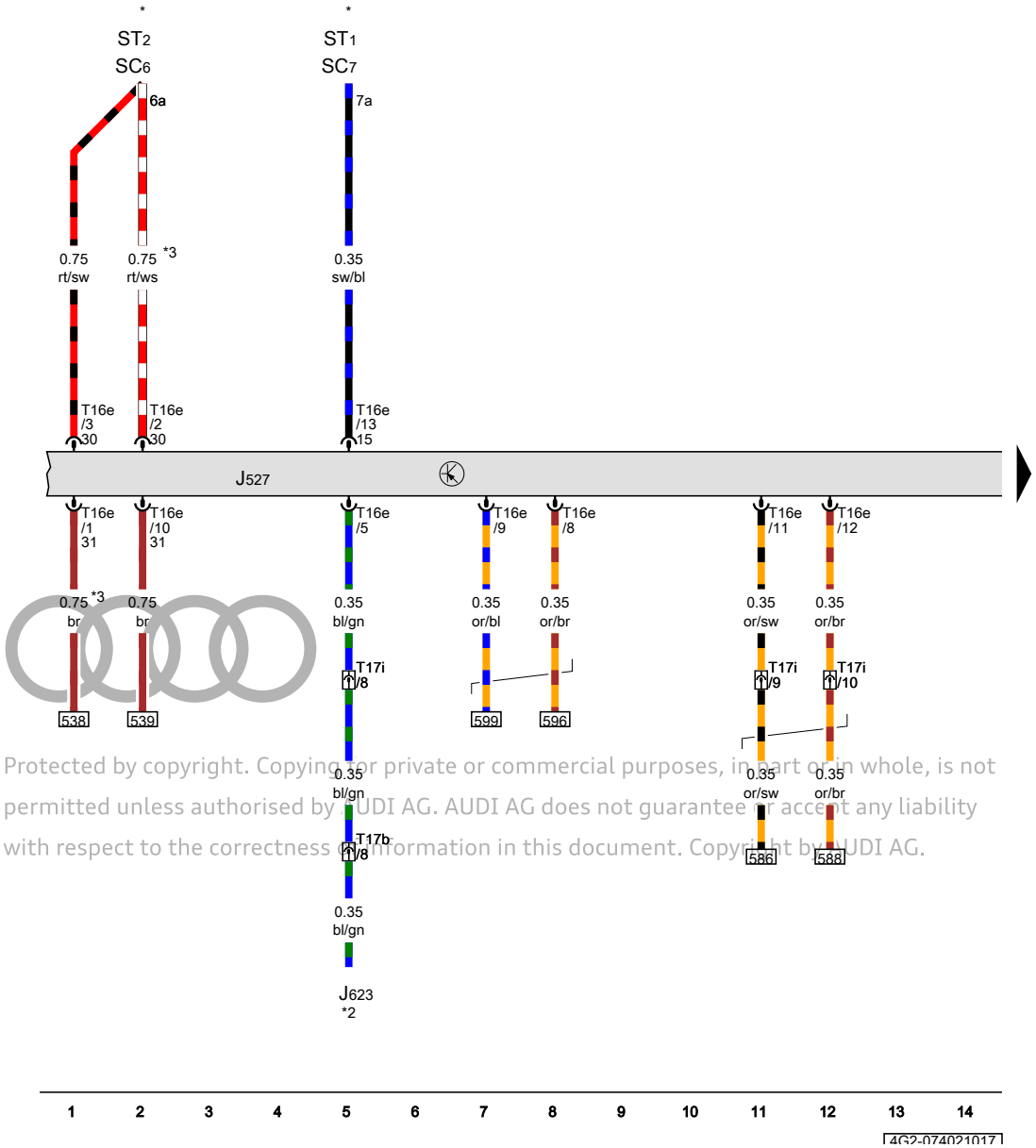
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li	=	purple
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ge	=	yellow
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Basic equipment, right-hand drive

From June 2012

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Steering column electronics control unit

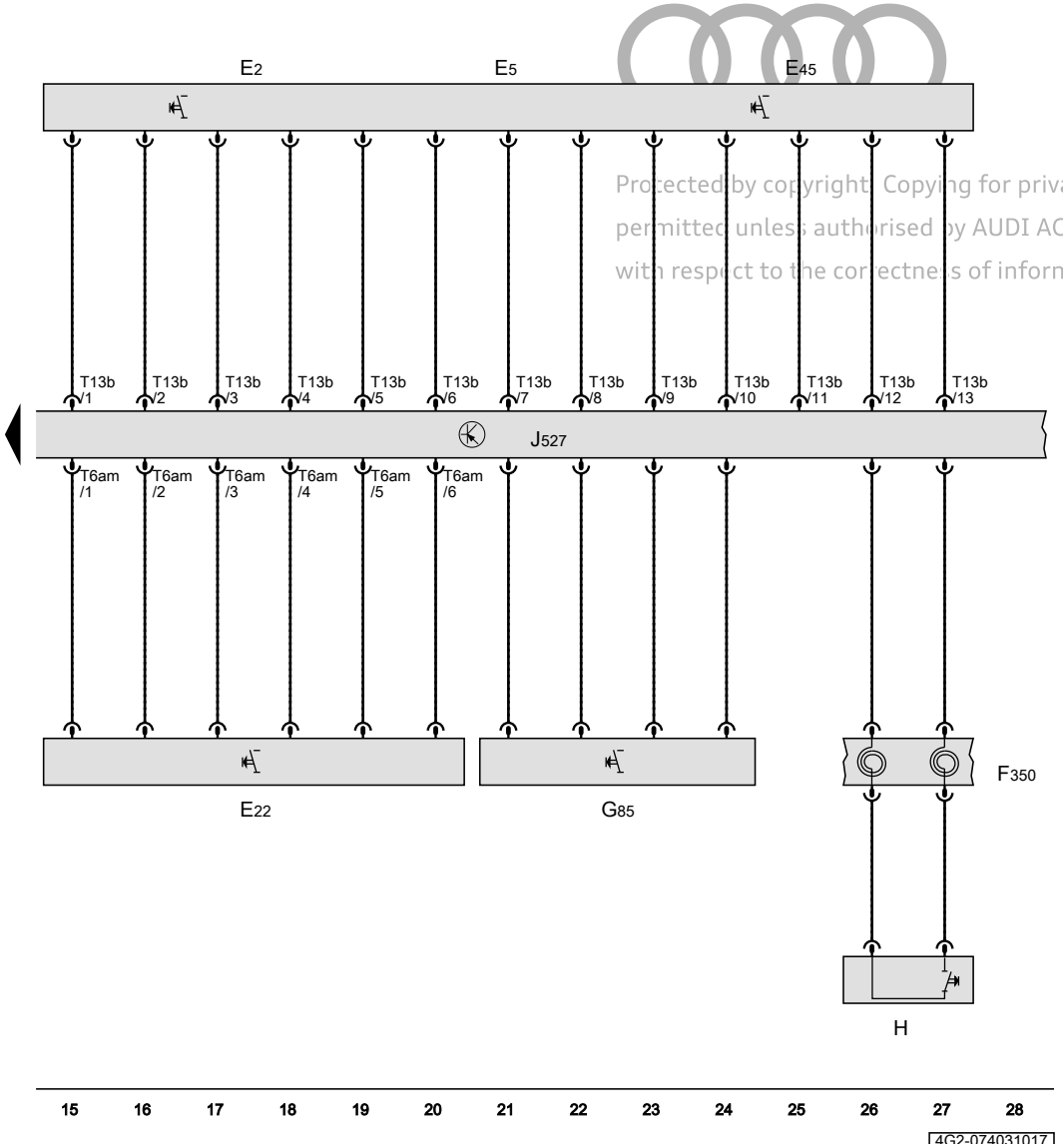
J527	Steering column electronics control unit
J623	Engine/motor control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in right A-pillar coupling station
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	For models with heated steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

Steering column electronics control unit

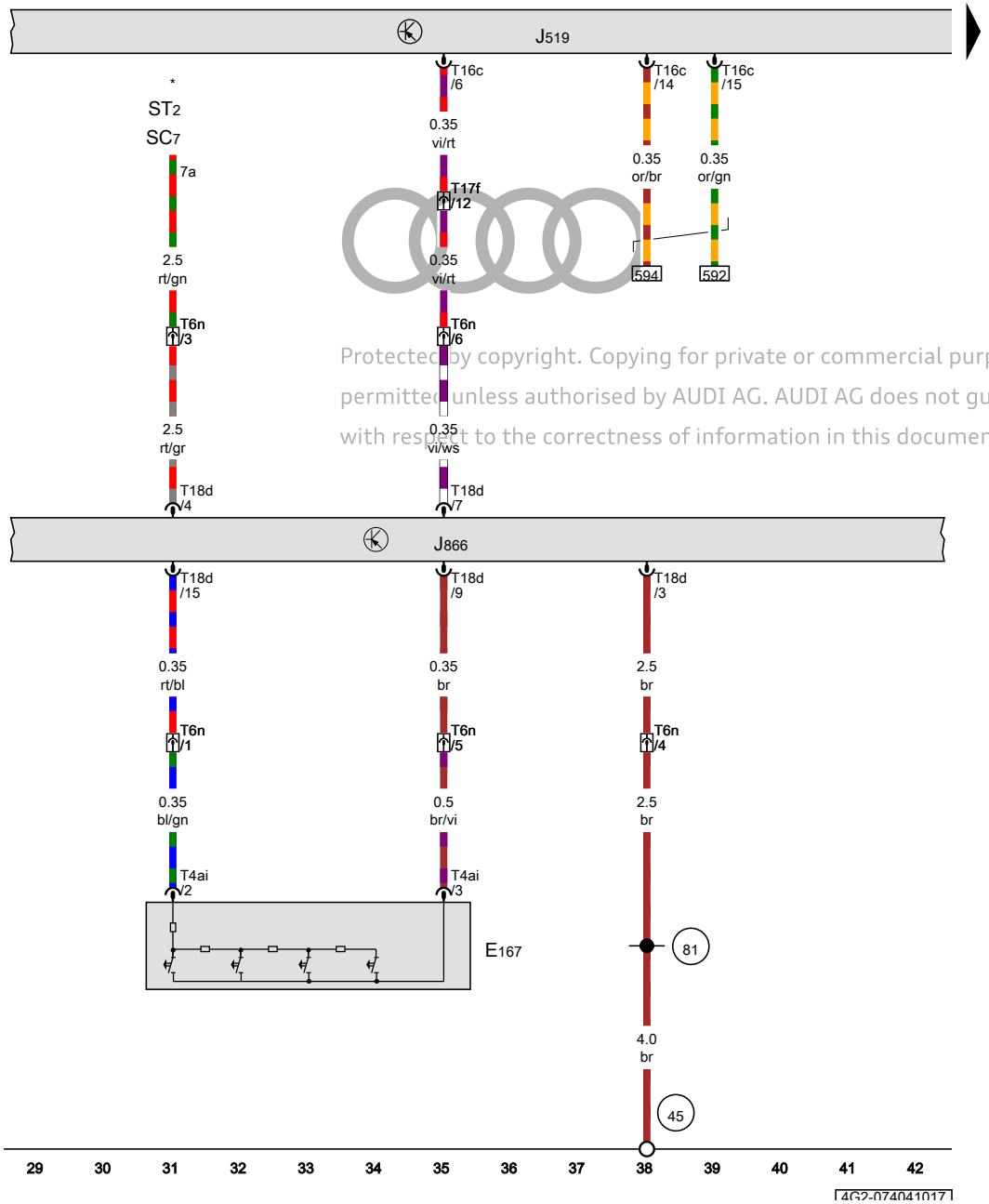
E2	Turn signal switch
E5	Headlight flasher switch
E22	Intermittent wiper switch
E45	Cruise control system switch
F350	Coil connector
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
T6am	6-pin connector
T13b	13-pin connector

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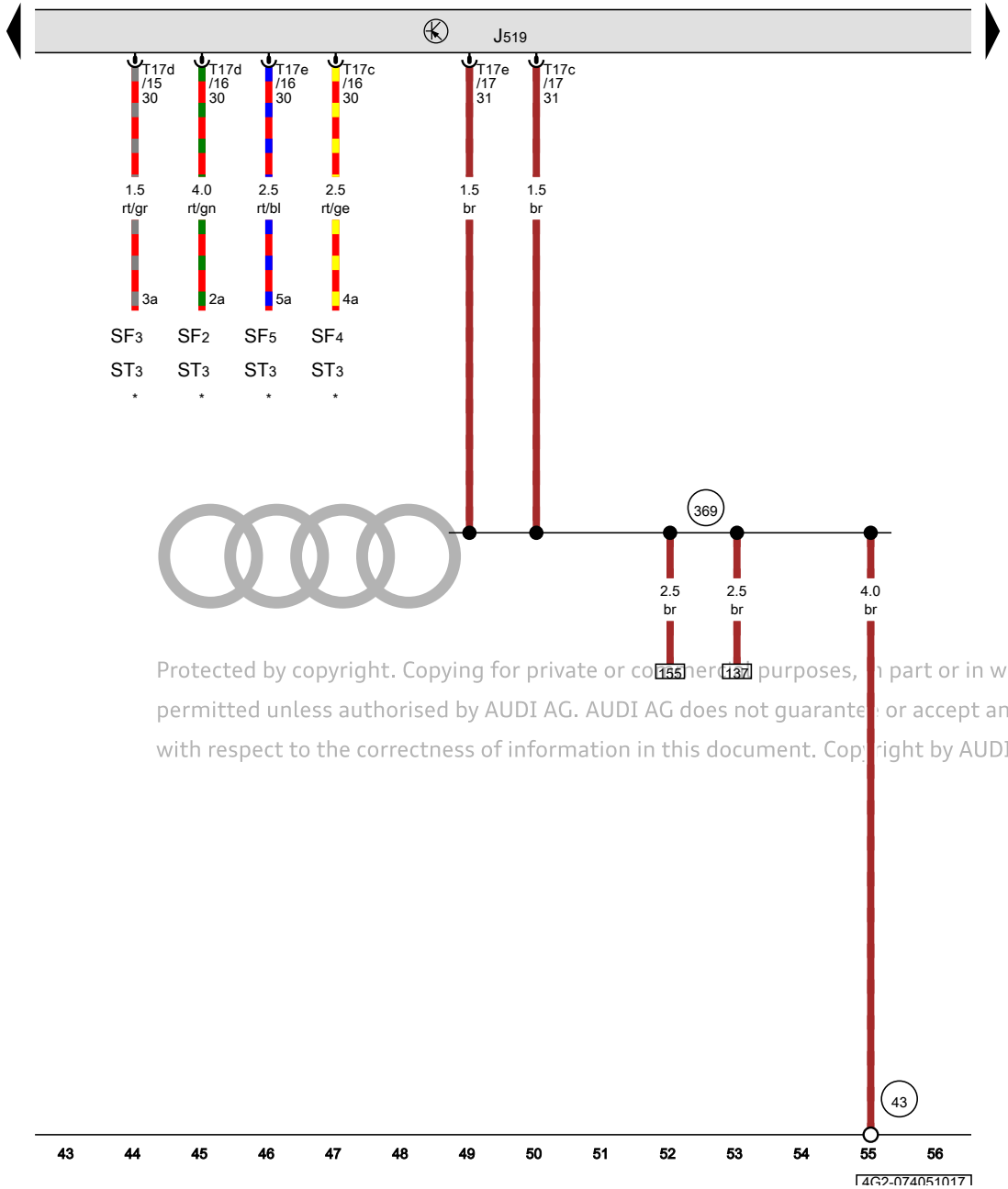
Steering column adjustment switch, Onboard supply control unit, Control unit for electrically adjustable steering column



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E167	Steering column adjustment switch
J519	Onboard supply control unit
J866	Control unit for electrically adjustable steering column
ST2	Fuse carrier 2
SC7	Fuse 7 on fuse holder C
T4ai	4-pin connector
T6n	6-pin connector, behind steering column trim
T16c	16-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T18d	18-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
ro	=	red
rt	=	red
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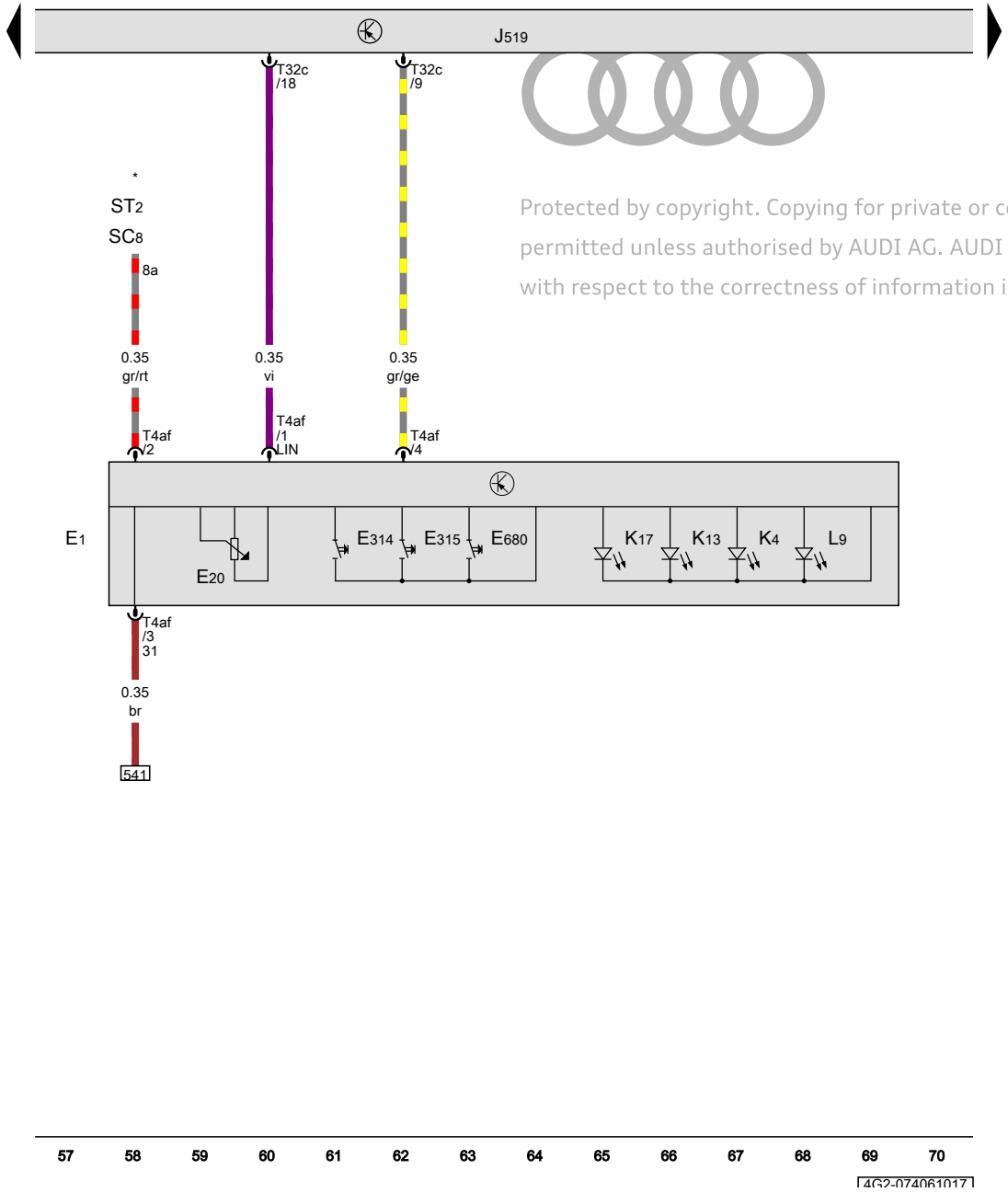


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Onboard supply control unit

J519	Onboard supply control unit
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
43	Earth point, lower part of right A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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gr	=	grey
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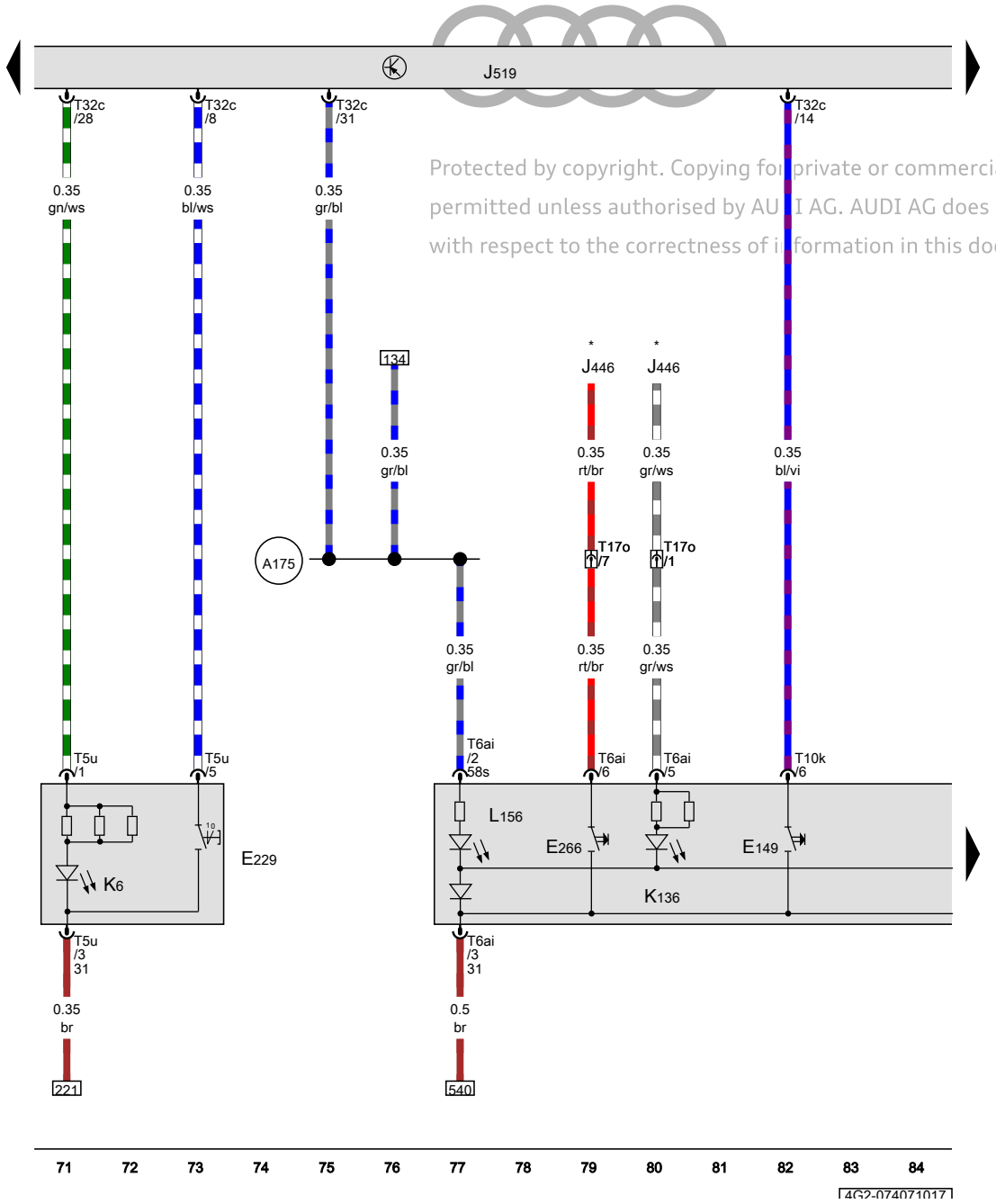
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Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

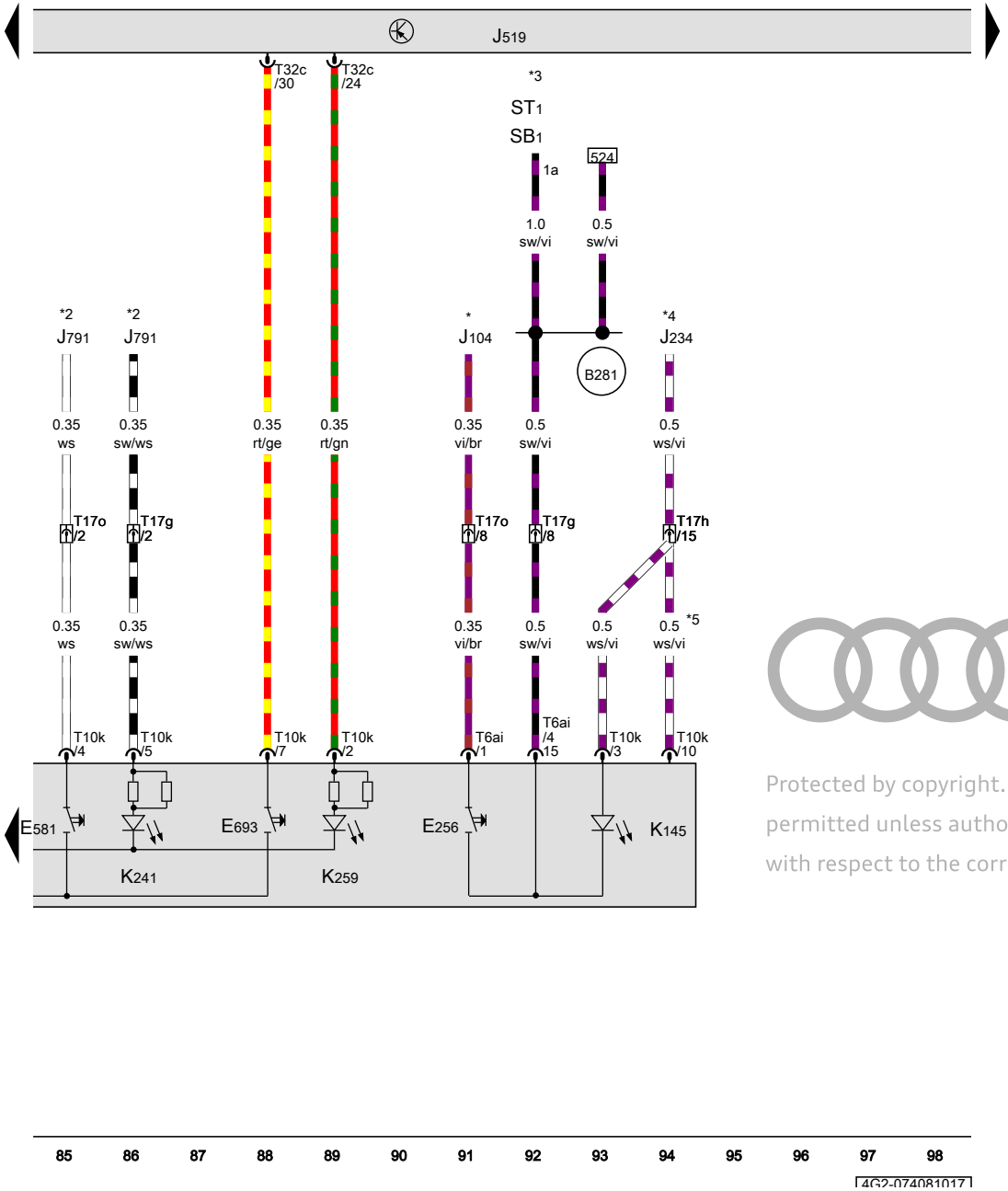
Hazard warning lights button, Onboard supply control unit



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E149	Rear roller blind switch
E229	Hazard warning lights button
E266	Parking aid button
J446	Parking aid control unit
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K136	Parking aid warning lamp
L156	Switch illumination bulb
T5u	5-pin connector
T6ai	6-pin connector
T10k	10-pin connector
T17o	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
*	For models with parking aid (PDC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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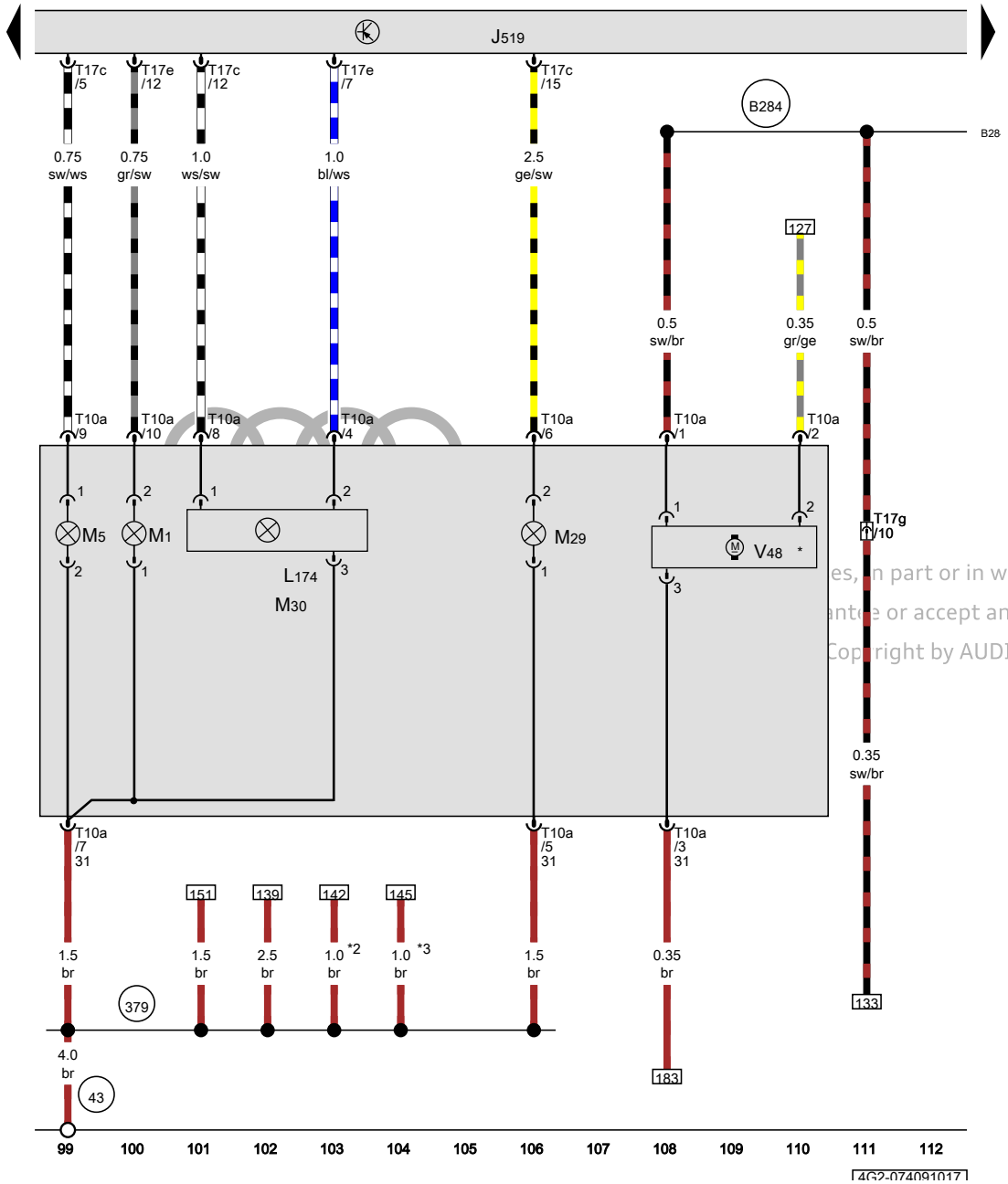


Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
E581	Park assist steering button
E693	Start/Stop operation button
J104	ABS control unit
J234	Airbag control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
K145	Warning lamp for airbag deactivated on front passenger side
K241	Warning light for park assist steering
K259	Start/Stop operation warning lamp
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T6ai	6-pin connector
T10k	10-pin connector
T17g	17-pin connector, in right A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for ABS
*2	For models with park assist steering
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram for airbag
*5	For models with key-operated switch to deactivate front passenger airbag/side airbag/belt buckle sensor

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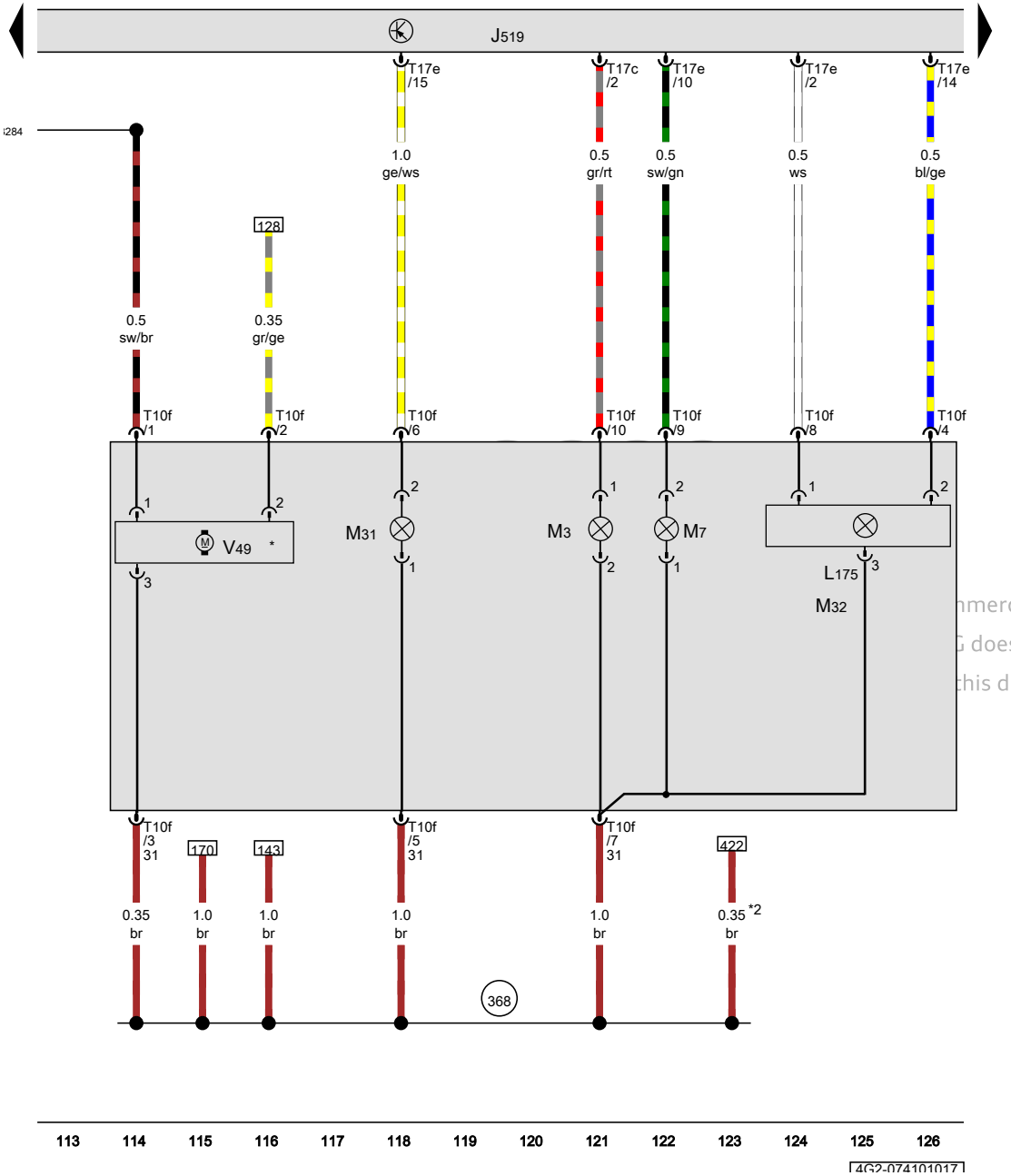


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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left side light bulb, Front left turn signal bulb, Left headlight main beam bulb

J519	Onboard supply control unit
L174	Left daytime running light bulb
M1	Left side light bulb
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T10a	10-pin connector
T17c	17-pin connector
T17e	17-pin connector
T17g	17-pin connector, in right A-pillar coupling station
V48	Left headlight range control motor
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	For models with headlight range control
*2	For models with hybrid drive system
*3	According to equipment



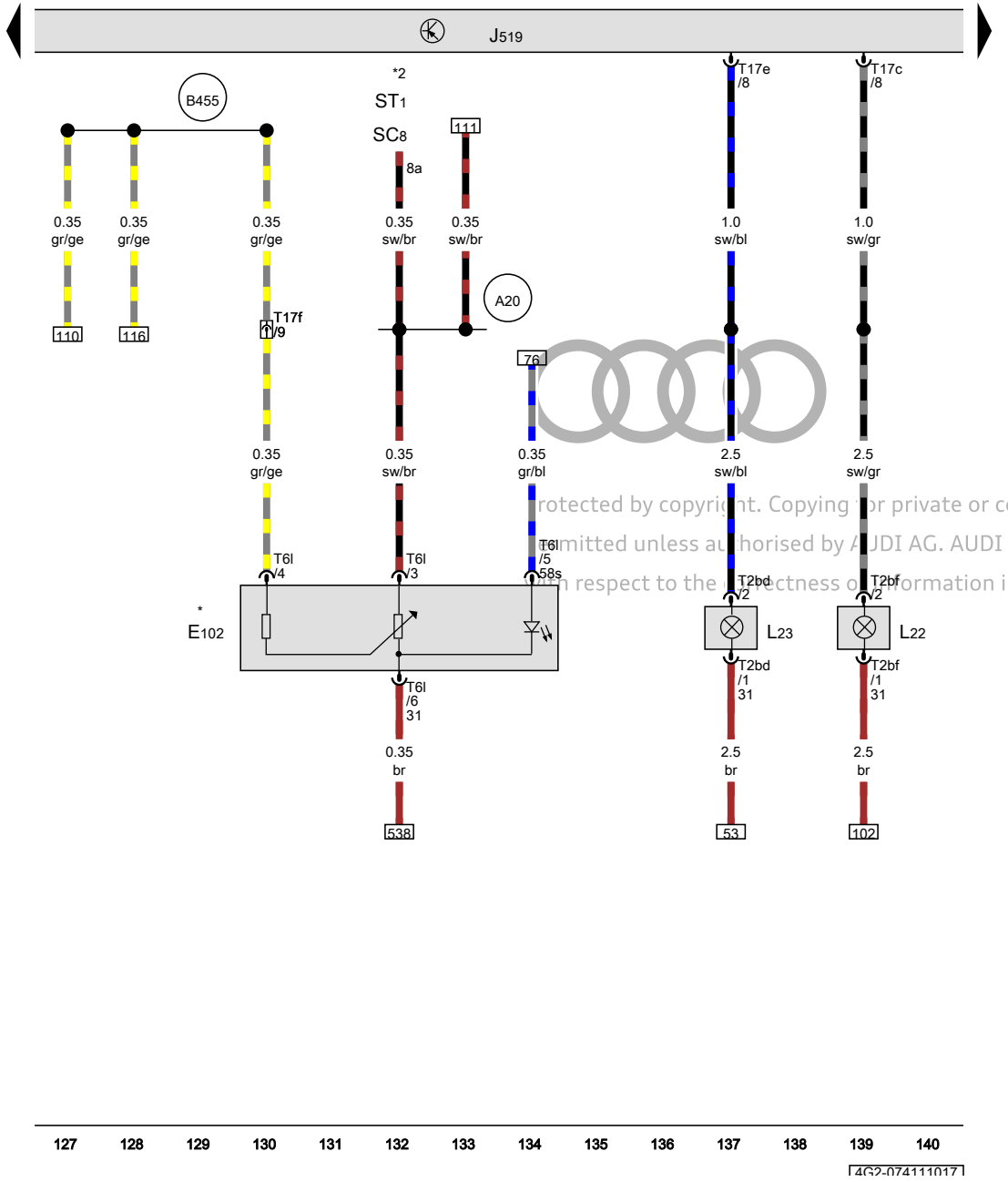
Onboard supply control unit, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

J519	Onboard supply control unit
L175	Right daytime running light bulb
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T10f	10-pin connector
T17c	17-pin connector
T17e	17-pin connector
V49	Right headlight range control motor
368	Earth connection 3, in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	For models with headlight range control
*2	For models with automatic anti-dazzle interior mirror

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rs	=	pink

Headlight range control regulator, Onboard supply control unit, Left fog light bulb, Right fog light bulb

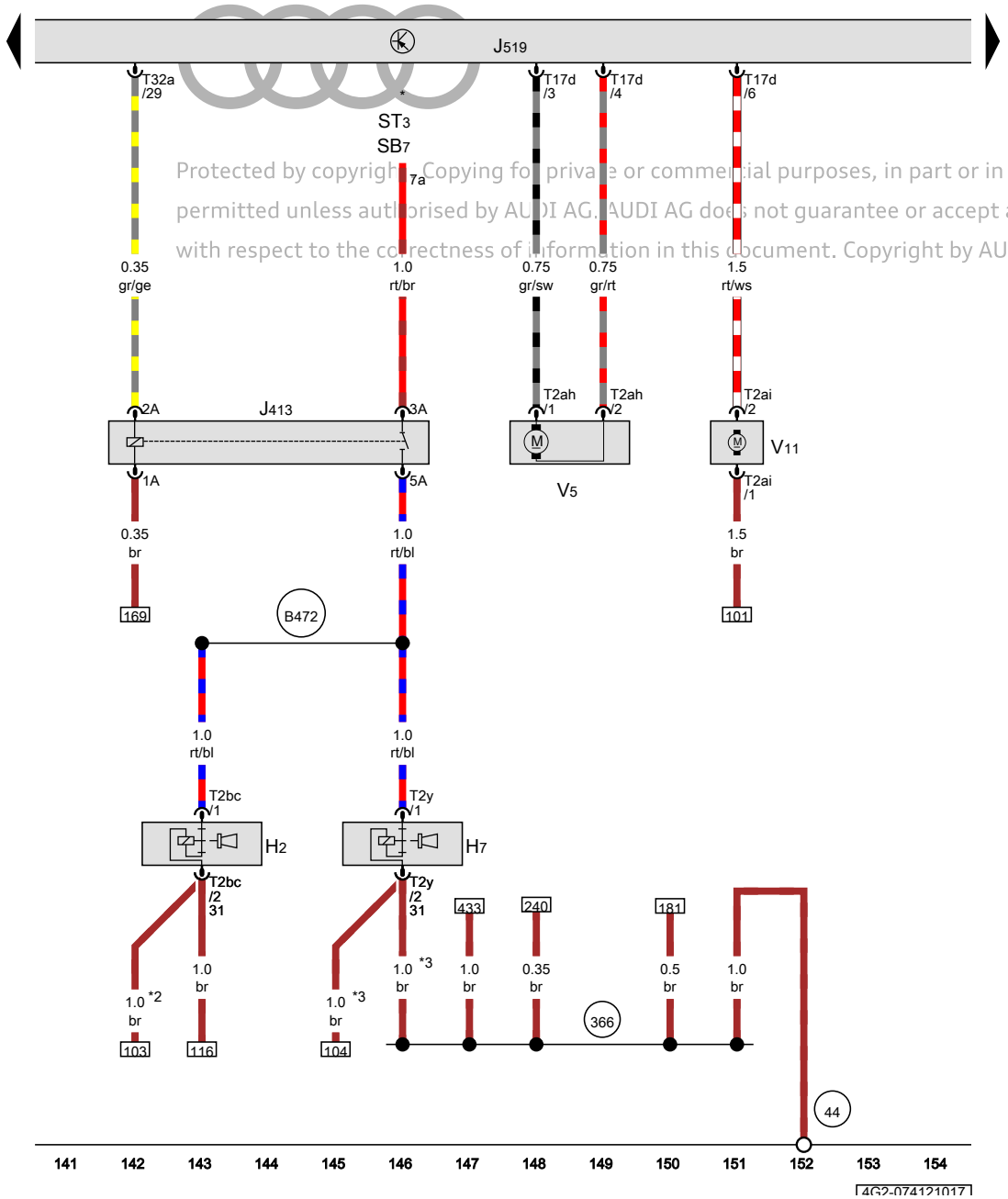


E102	Headlight range control regulator
J519	Onboard supply control unit
L22	Left fog light bulb
L23	Right fog light bulb
ST1	Fuse carrier 1
SC8	Fuse 8 on fuse holder C
T2bd	2-pin connector
T2bf	2-pin connector
T6l	6-pin connector
T17c	17-pin connector
T17e	17-pin connector
T17f	17-pin connector, in right A-pillar coupling station
A20	Positive connection (15a), in dash panel wiring harness
B455	Connection (HRC), in main wiring harness
*	For models with headlight range control
*2	see applicable current flow diagram for fuse assignment

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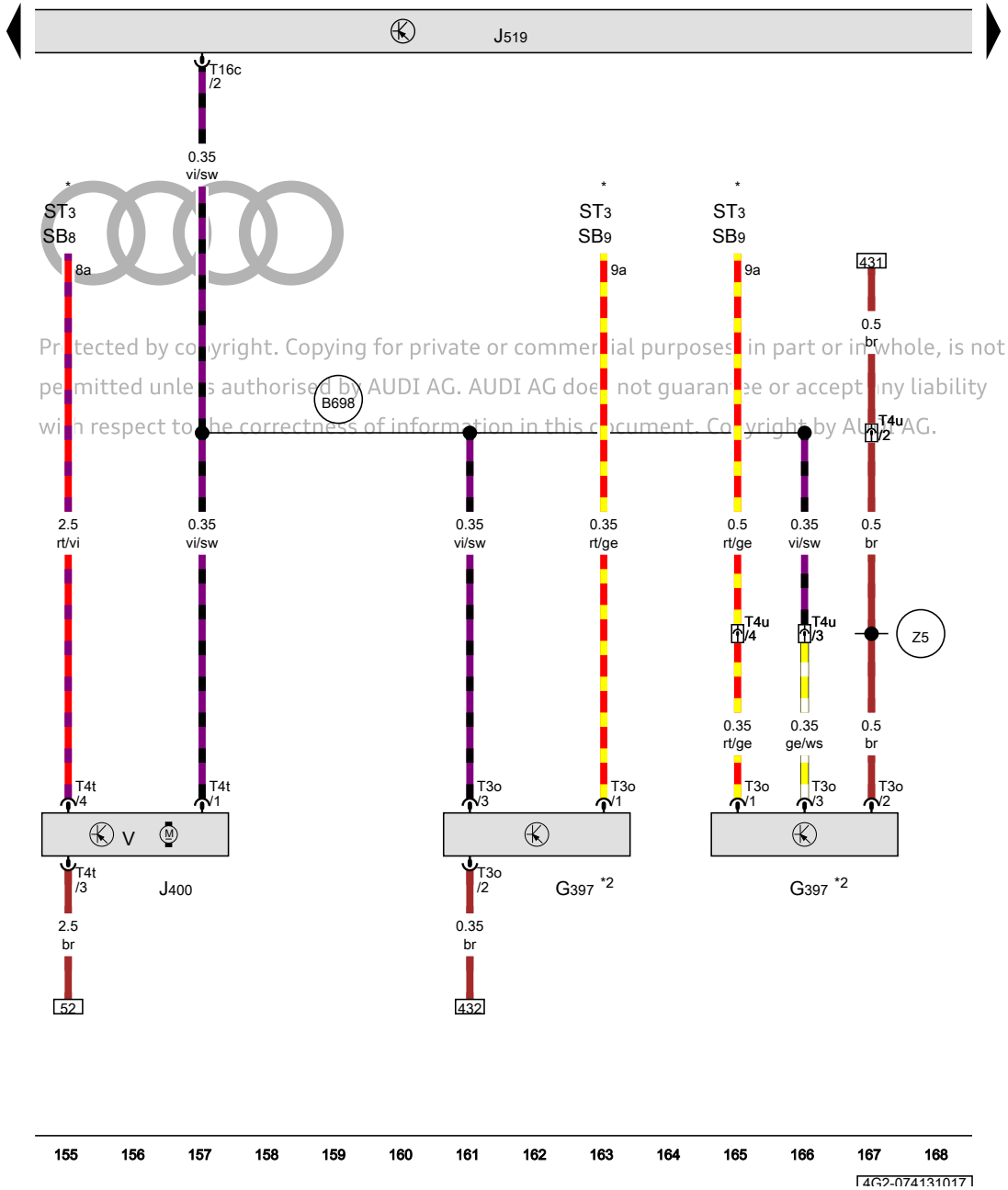
Treble horn, Bass horn, Horn relay, Onboard supply control unit, Washer pump, Headlight washer system pump



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H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
T2ah	2-pin connector
T2ai	2-pin connector
T2bc	2-pin connector
T2y	2-pin connector
T17d	17-pin connector
T32a	32-pin connector
V5	Washer pump
V11	Headlight washer system pump
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with hybrid drive system
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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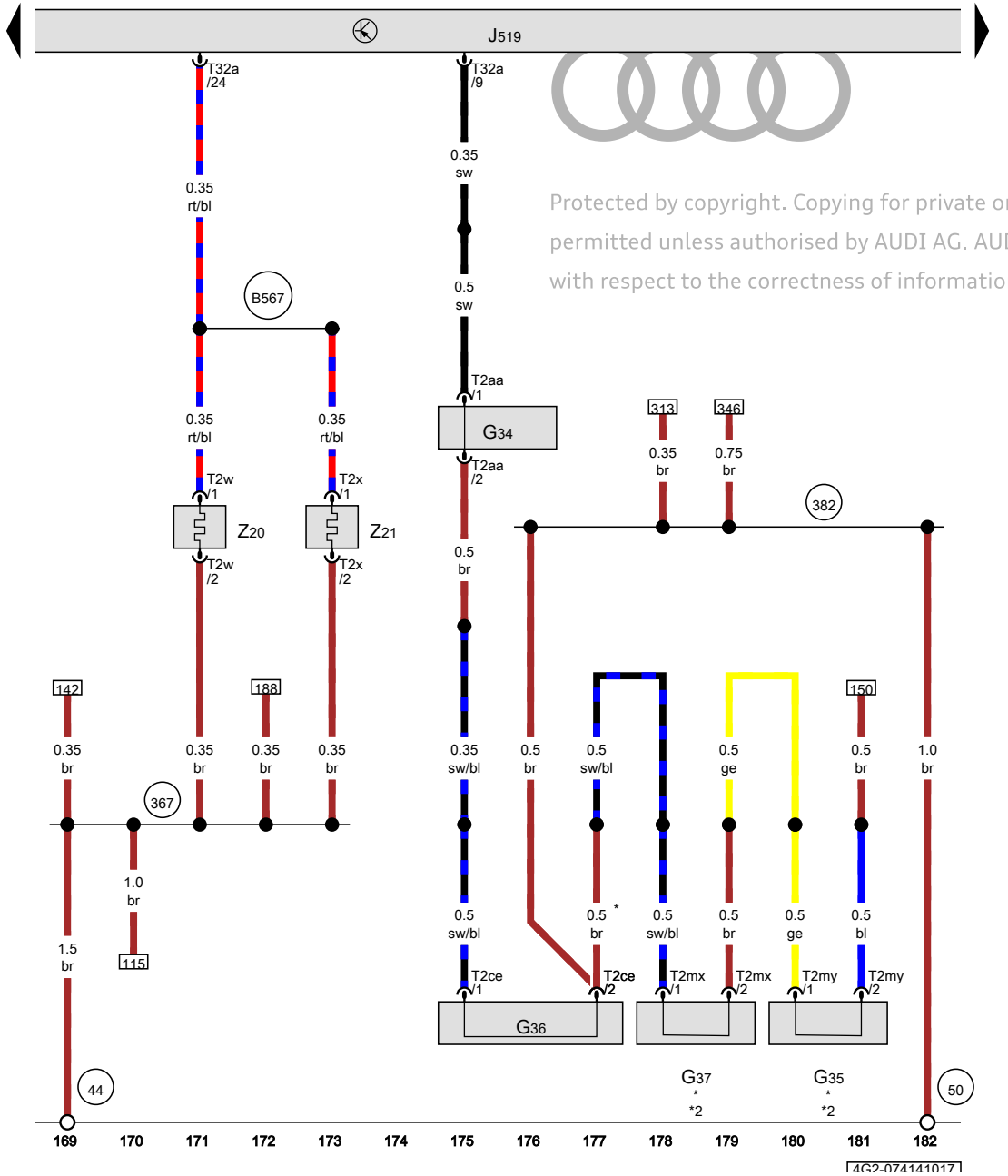
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Rain and light sensor, Wiper motor control unit, Onboard supply control unit

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST3	Fuse carrier 3
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T4u	4-pin connector, near interior mirror
T16c	16-pin connector
V	Windscreen wiper motor
B698	Connection 3 (LIN bus) in main wiring harness
Z5	Connection, in window heating wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front left brake pad wear sender, Front right brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit, Left washer jet heater element



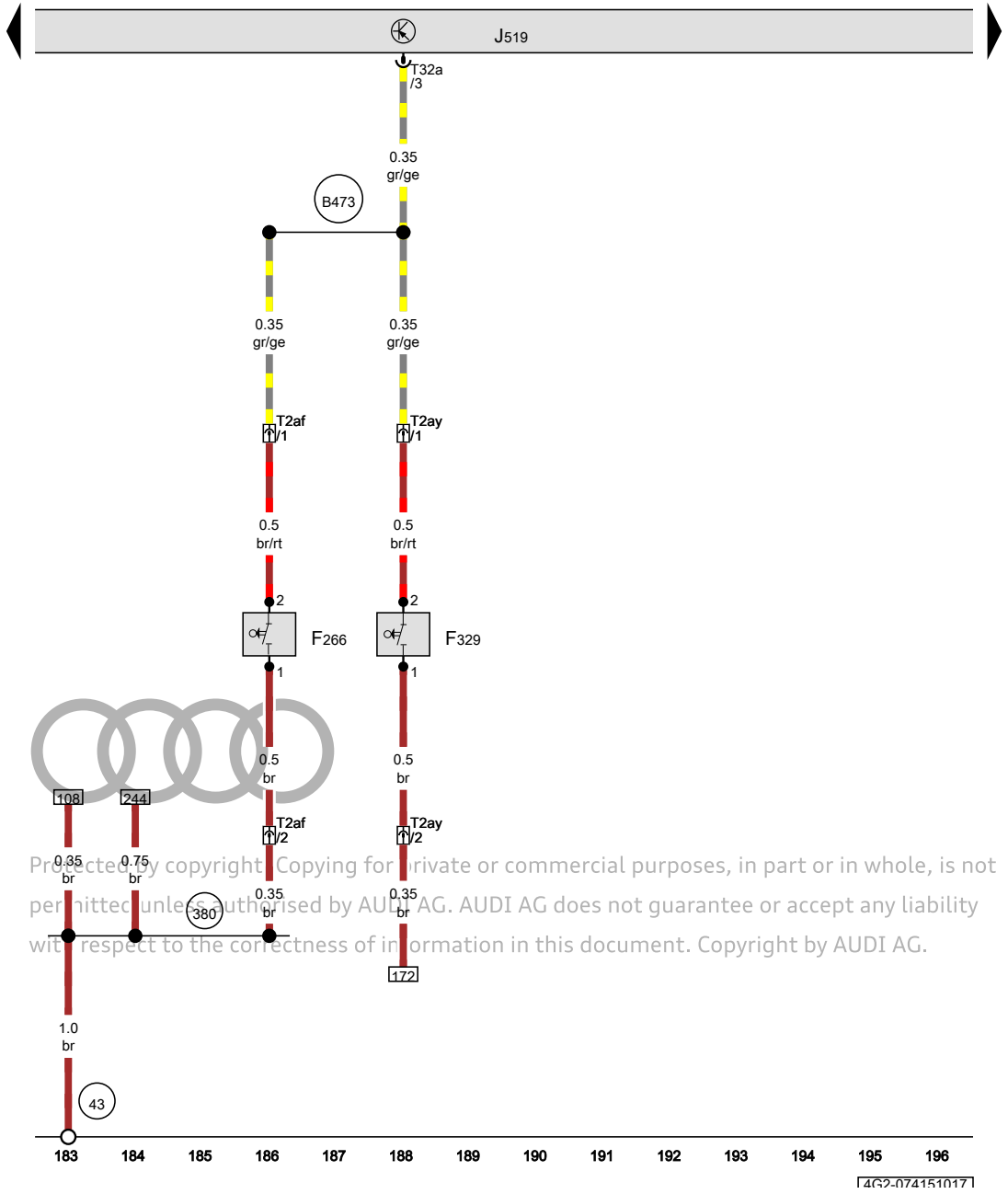
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G34	Front left brake pad wear sender
G35	Front right brake pad wear sender
G36	Rear left brake pad wear sender
G37	Rear right brake pad wear sender
J519	Onboard supply control unit
T2aa	2-pin connector
T2ce	2-pin connector
T2mx	2-pin connector
T2my	2-pin connector
T2w	2-pin connector
T2x	2-pin connector
T32a	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
44	Earth point, lower part of left A-pillar
50	Earth point, on left in luggage compartment
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment
*2	From June 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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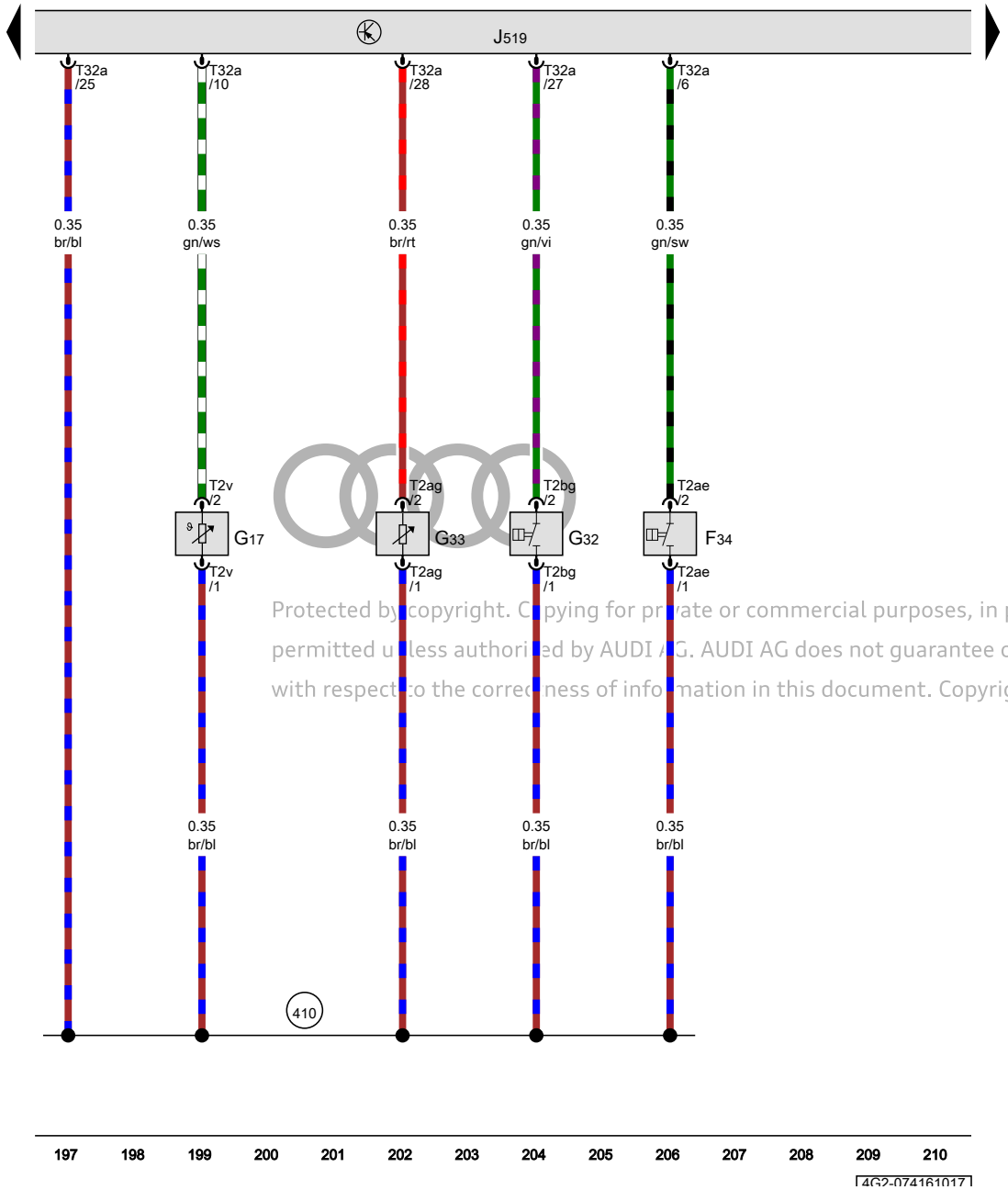
Bonnet contact switch, Onboard supply control unit

F266	Bonnet contact switch
F329	Bonnet contact switch 2
J519	Onboard supply control unit
T2af	2-pin connector
T2ay	2-pin connector
T32a	32-pin connector
43	Earth point, lower part of right A-pillar
380	Earth connection 15, in main wiring harness
B473	Connection 9, in main wiring harness



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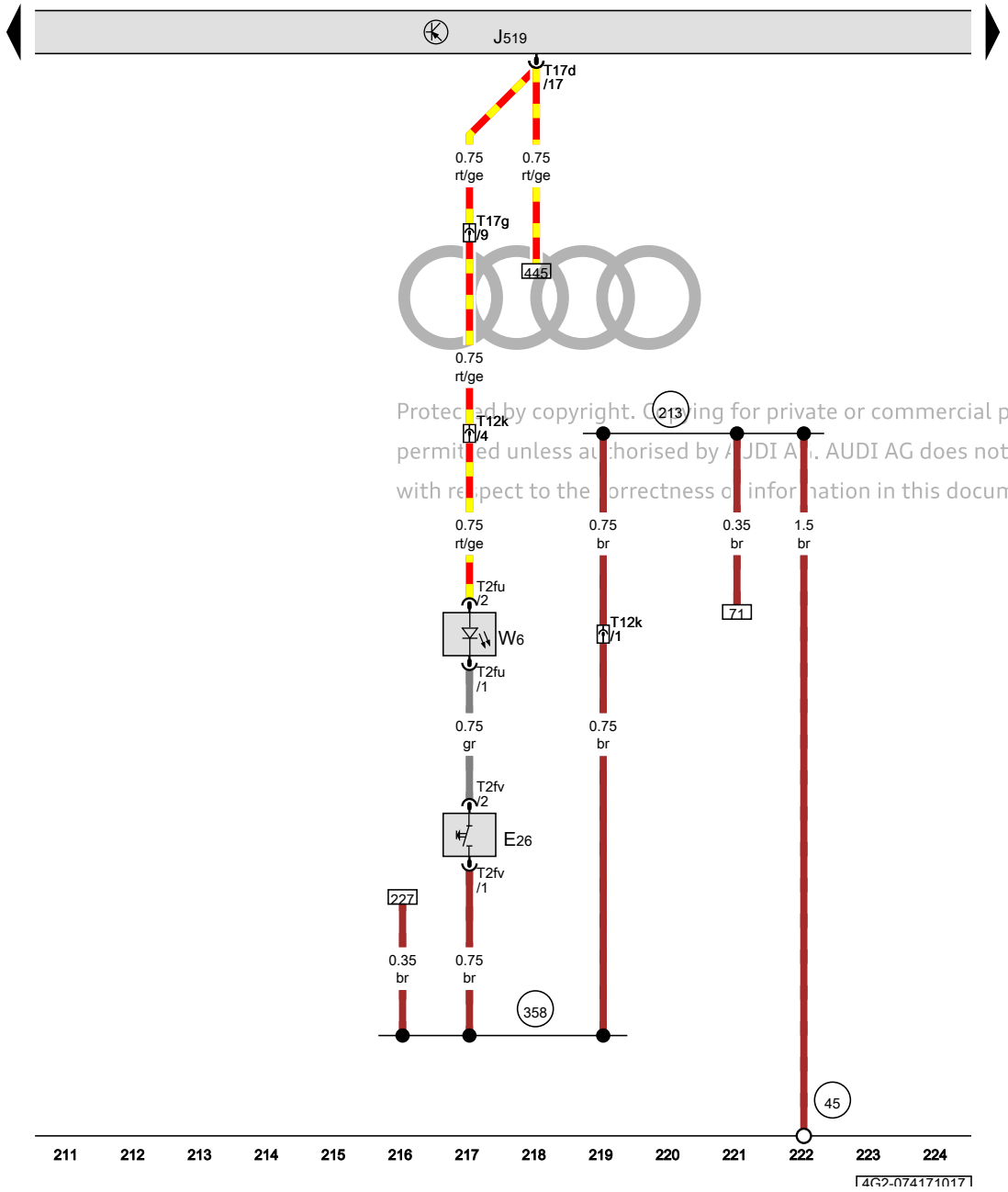
Brake fluid level warning contact, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit

F34	Brake fluid level warning contact
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2ae	2-pin connector
T2ag	2-pin connector
T2bg	2-pin connector
T2v	2-pin connector
T32a	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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gr	=	grey
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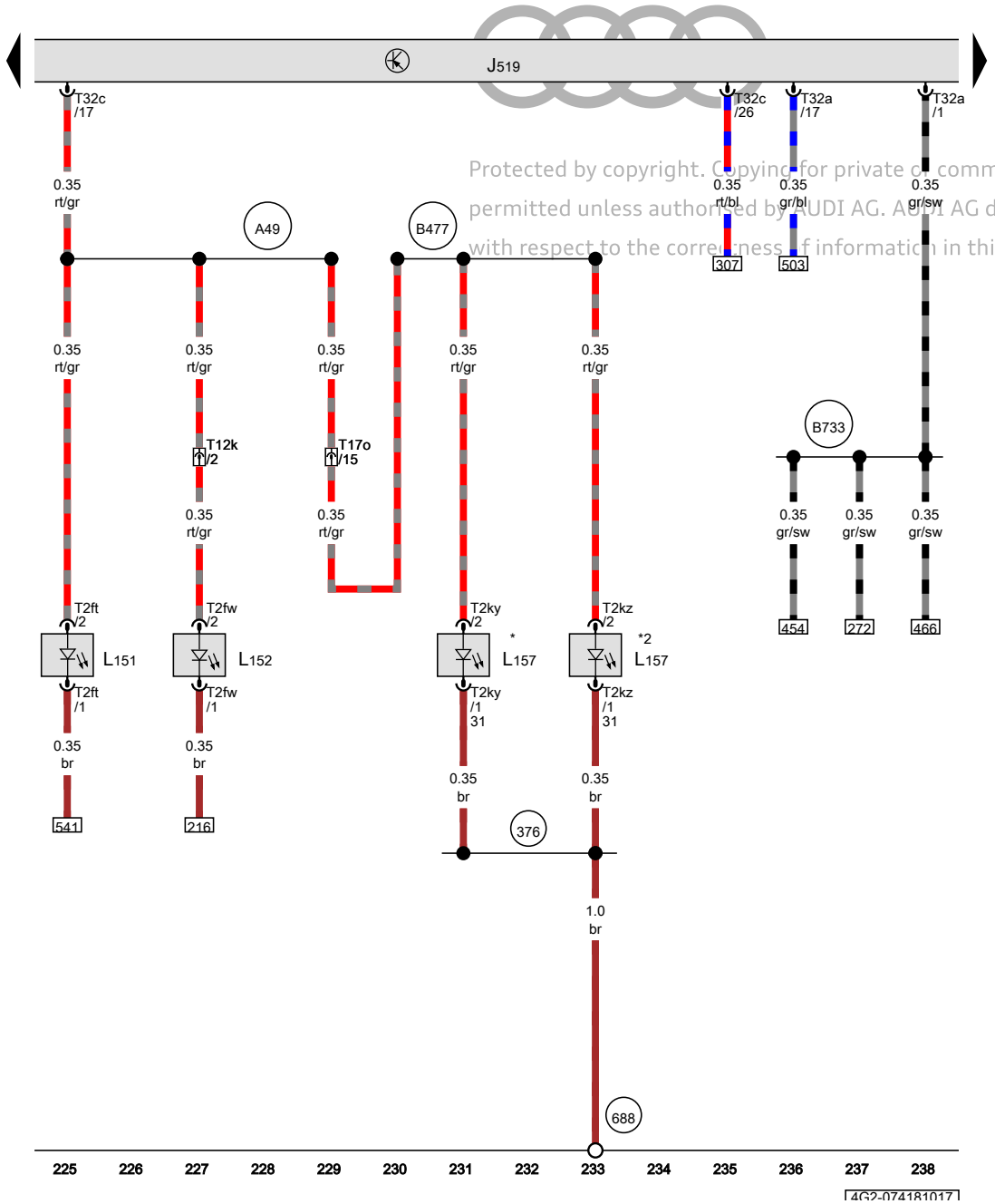
Glove compartment light switch, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
J519	Onboard supply control unit
T2fu	2-pin connector
T2fv	2-pin connector
T12k	12-pin connector, behind glove compartment
T17d	17-pin connector
T17g	17-pin connector, in right A-pillar coupling station
W6	Glove compartment light
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
358	Earth connection, in glove compartment wiring harness



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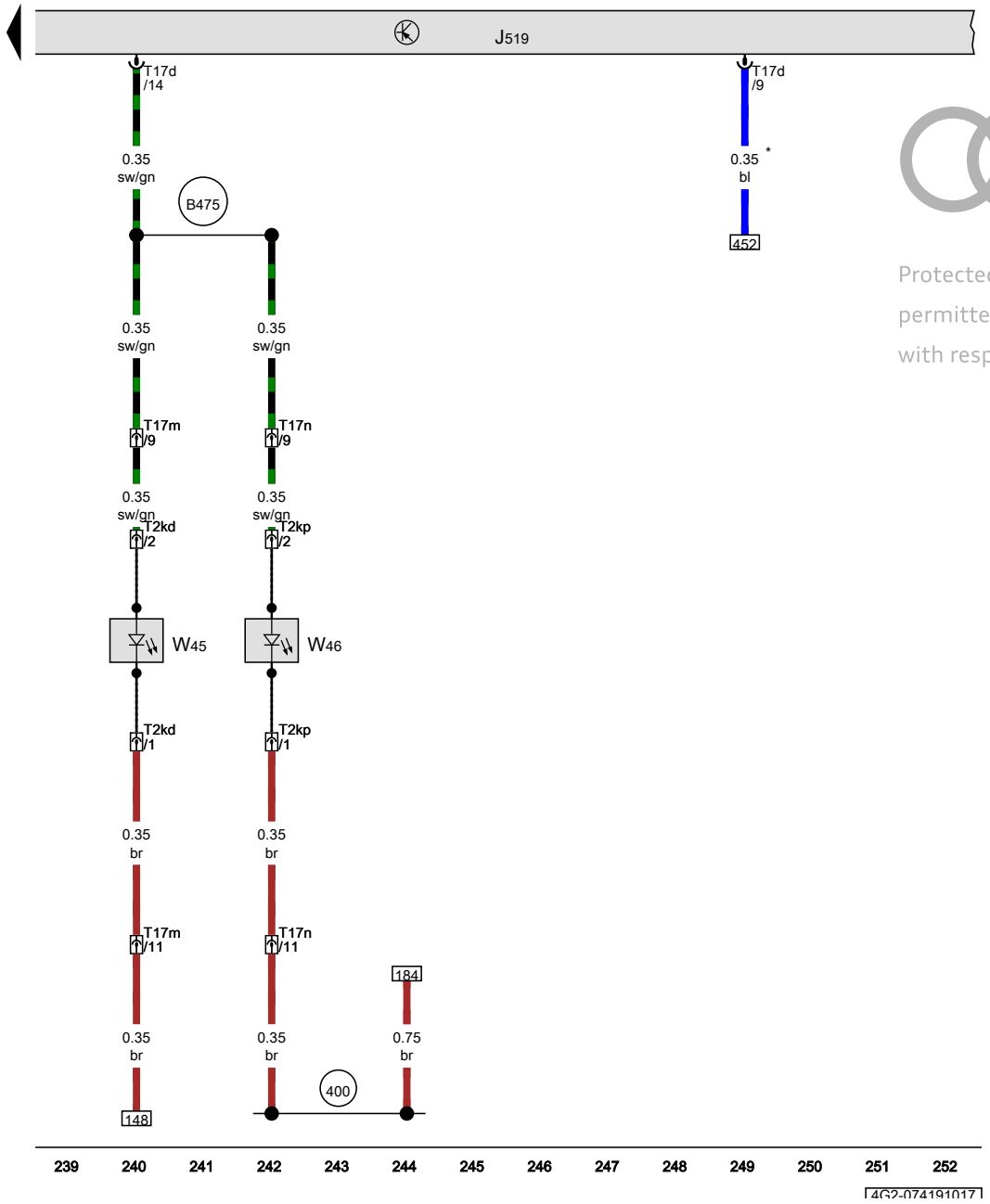
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Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Centre armrest illumination bulb

J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
L157	Centre armrest illumination bulb
T2ft	2-pin connector
T2fw	2-pin connector
T2ky	2-pin connector
T2kz	2-pin connector
T12k	12-pin connector, behind glove compartment
T17o	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32c	32-pin connector
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
A49	Connection 1, in dash panel wiring harness
B477	Connection 13, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	left
*2	right

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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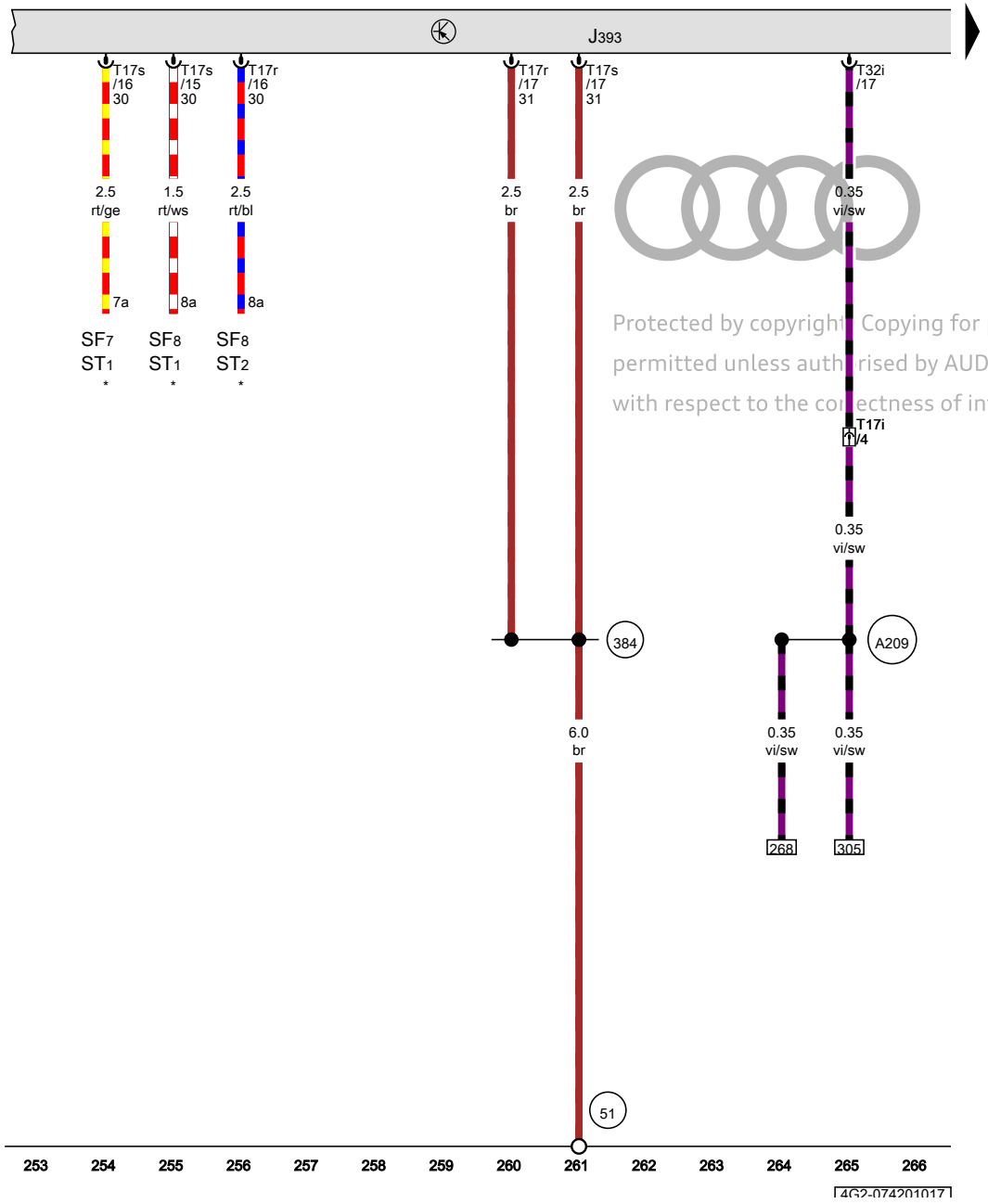
Onboard supply control unit, Rear left footwell light, Rear right footwell light



J519	Onboard supply control unit
T2kd	2-pin connector
T2kp	2-pin connector
T17d	17-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T17n	17-pin connector, in coupling point for front seat, right
W45	Rear left footwell light
W46	Rear right footwell light
400	Earth connection 35, in main wiring harness
B475	Connection 11, in main wiring harness
*	Wiring colour depends on equipment

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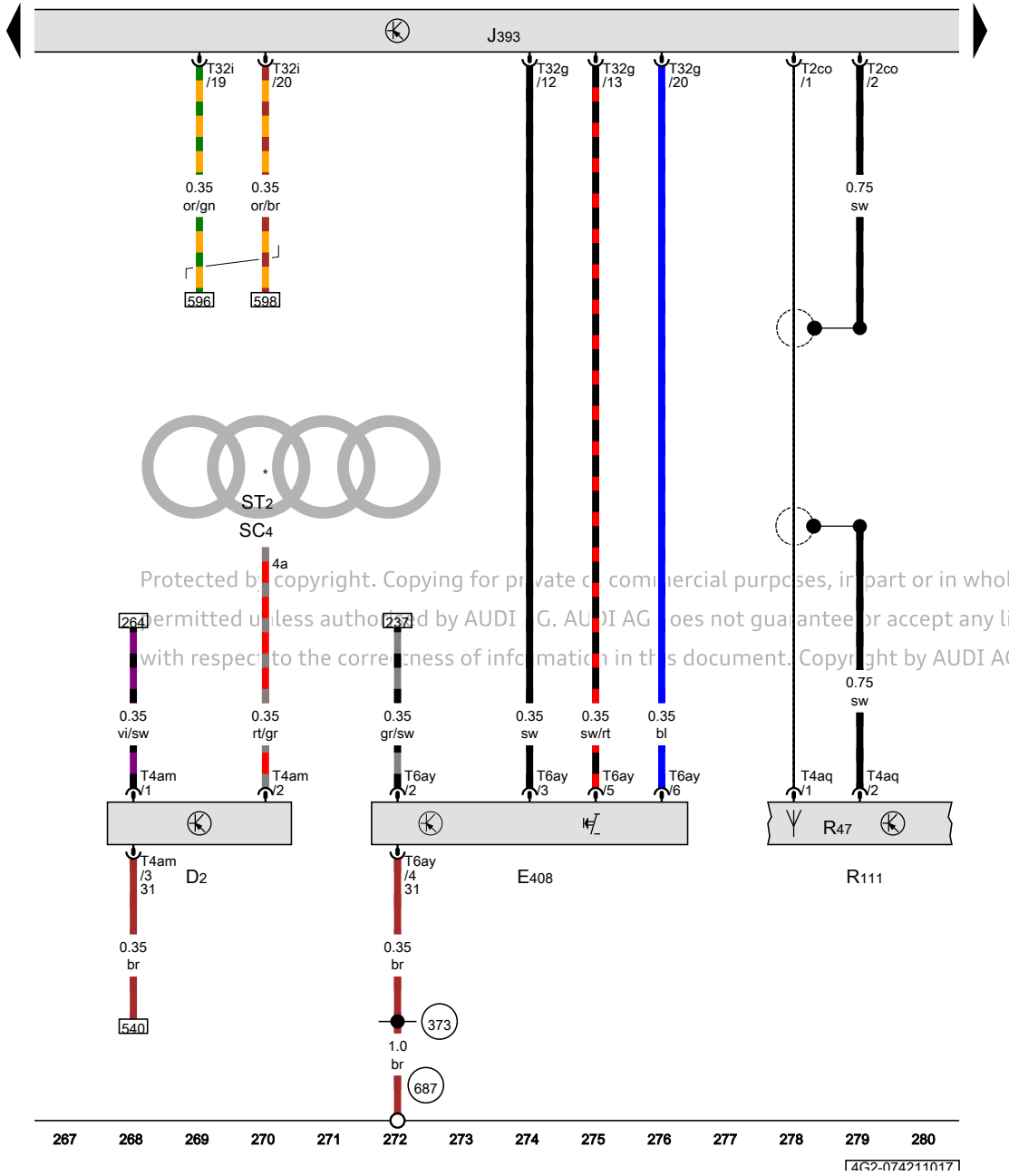


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Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17i	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
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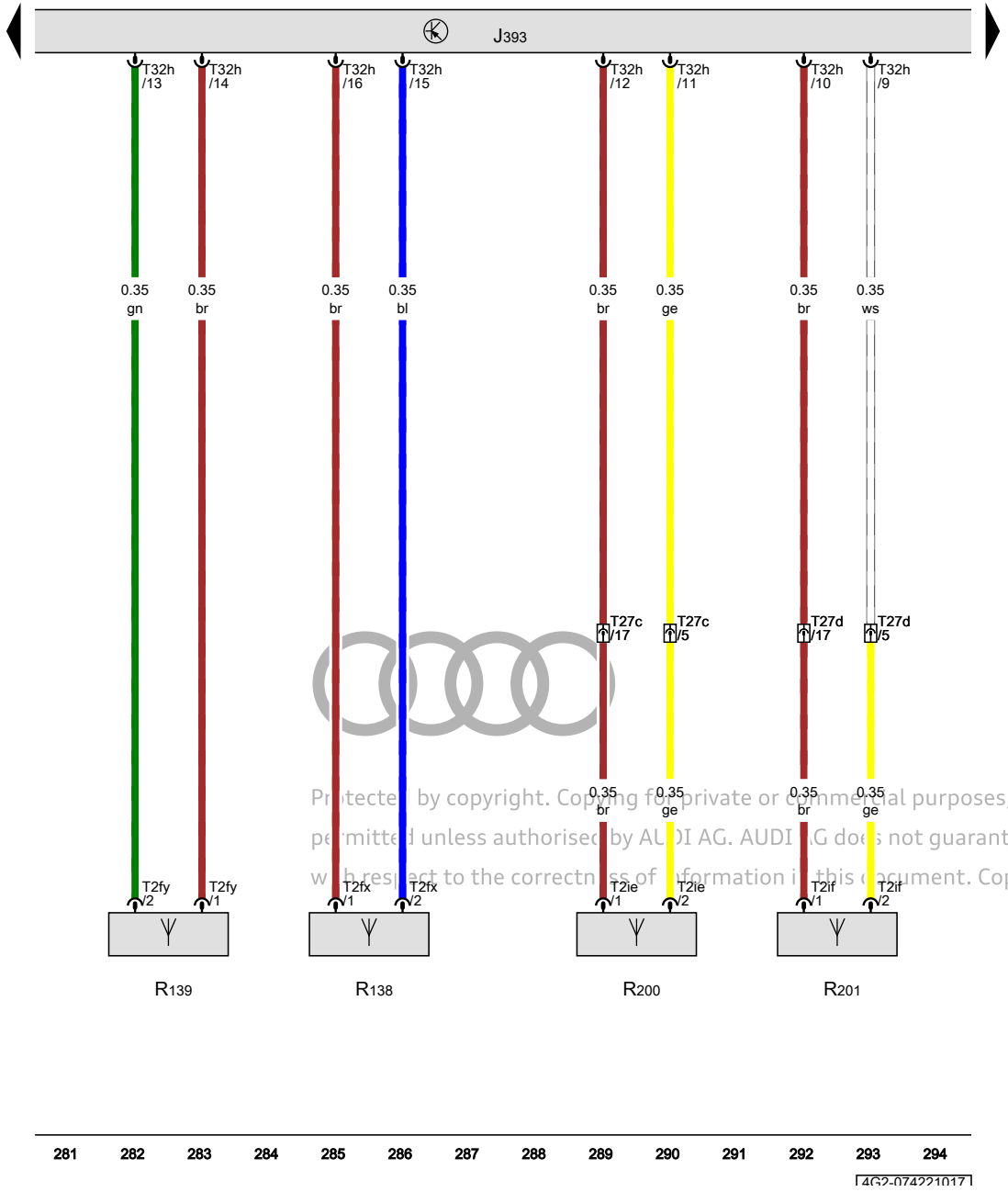


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Immobiliser reader coil, Entry and start authorisation button, Convenience system central control unit, Central locking and anti-theft alarm system aerial

D2	Immobiliser reader coil
E408	Entry and start authorisation button
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R111	Aerial amplifier 2
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T2co	2-pin connector
T4am	4-pin connector
T4aq	4-pin connector
T6ay	6-pin connector
T32g	32-pin connector
T32i	32-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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rt	=	red
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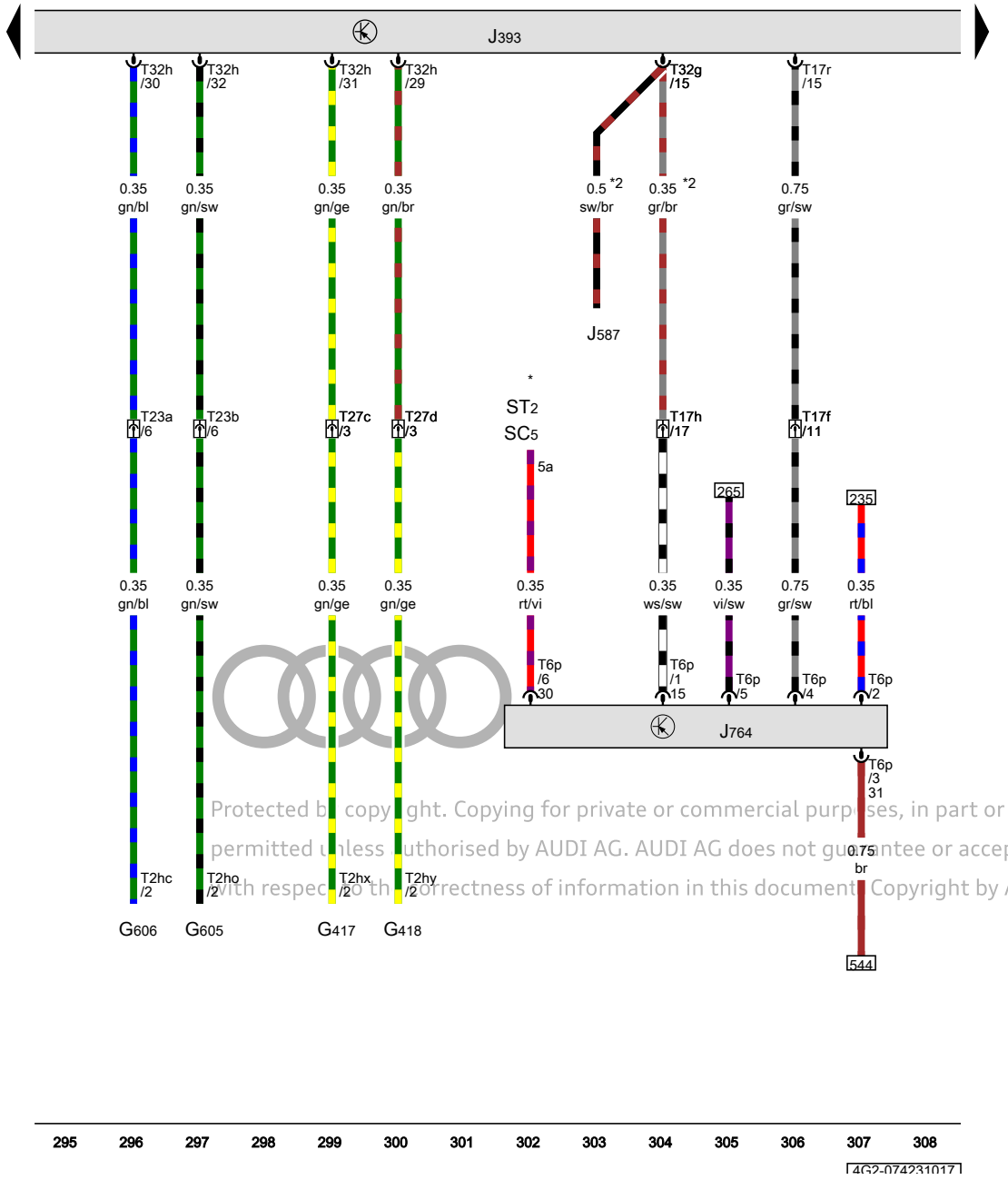


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Convenience system central control unit, Interior aerial 1 for entry and start system

J393	Convenience system central control unit
R138	Interior aerial 1 for entry and start system
R139	Interior aerial 2 for entry and start system
R200	Left aerial for entry and start authorisation
R201	Right aerial for entry and start authorisation
T2fx	2-pin connector
T2fy	2-pin connector
T2ie	2-pin connector
T2if	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32h	32-pin connector

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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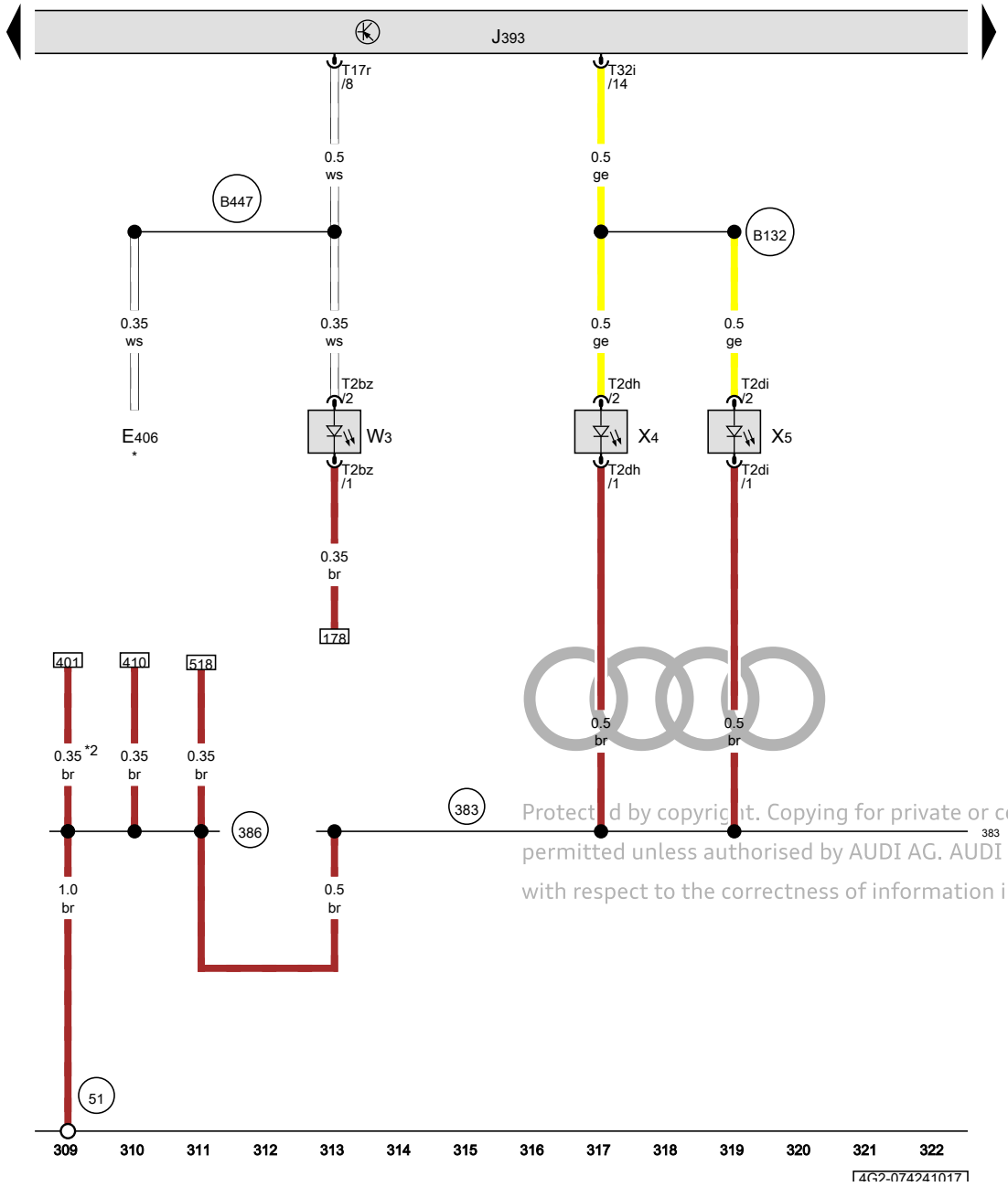


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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Convenience system central control unit, Control unit for electronic steering column lock

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
J587	Selector lever sensors control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2hc	2-pin connector
T2ho	2-pin connector
T2hx	2-pin connector
T2hy	2-pin connector
T6p	6-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T17h	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T23a	23-pin connector, on right A-pillar
T23b	23-pin connector, on left A-pillar
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32g	32-pin connector
T32h	32-pin connector
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

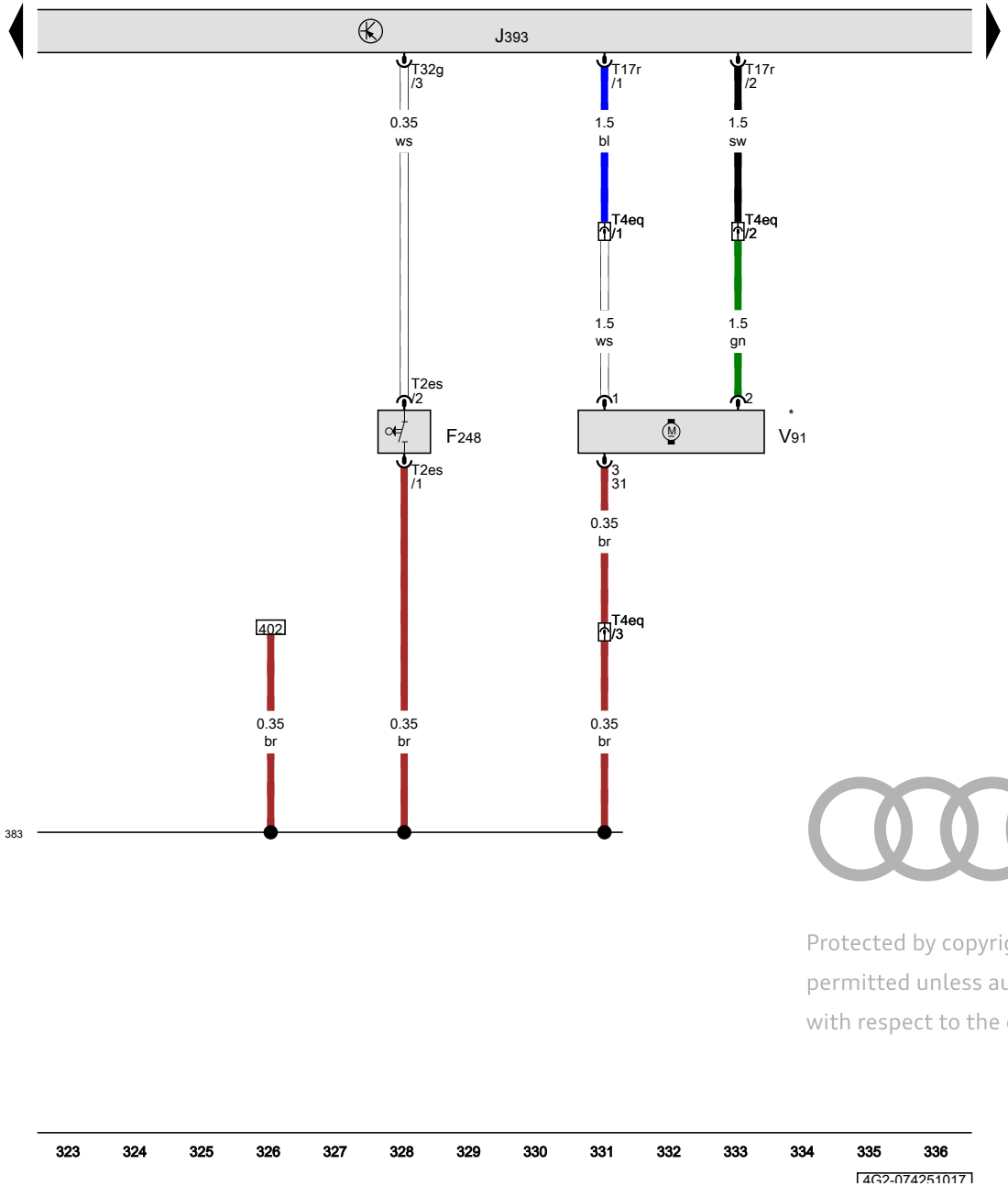


Convenience system central control unit, Luggage compartment light, Left number plate light

E406	Button to close rear lid in luggage compartment
J393	Convenience system central control unit
T2bz	2-pin connector
T2dh	2-pin connector
T2di	2-pin connector
T17r	17-pin connector
T32i	32-pin connector
W3	Luggage compartment light
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Avant

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Release button for rear lid lock cylinder, Convenience system central control unit, Rear roller blind motor

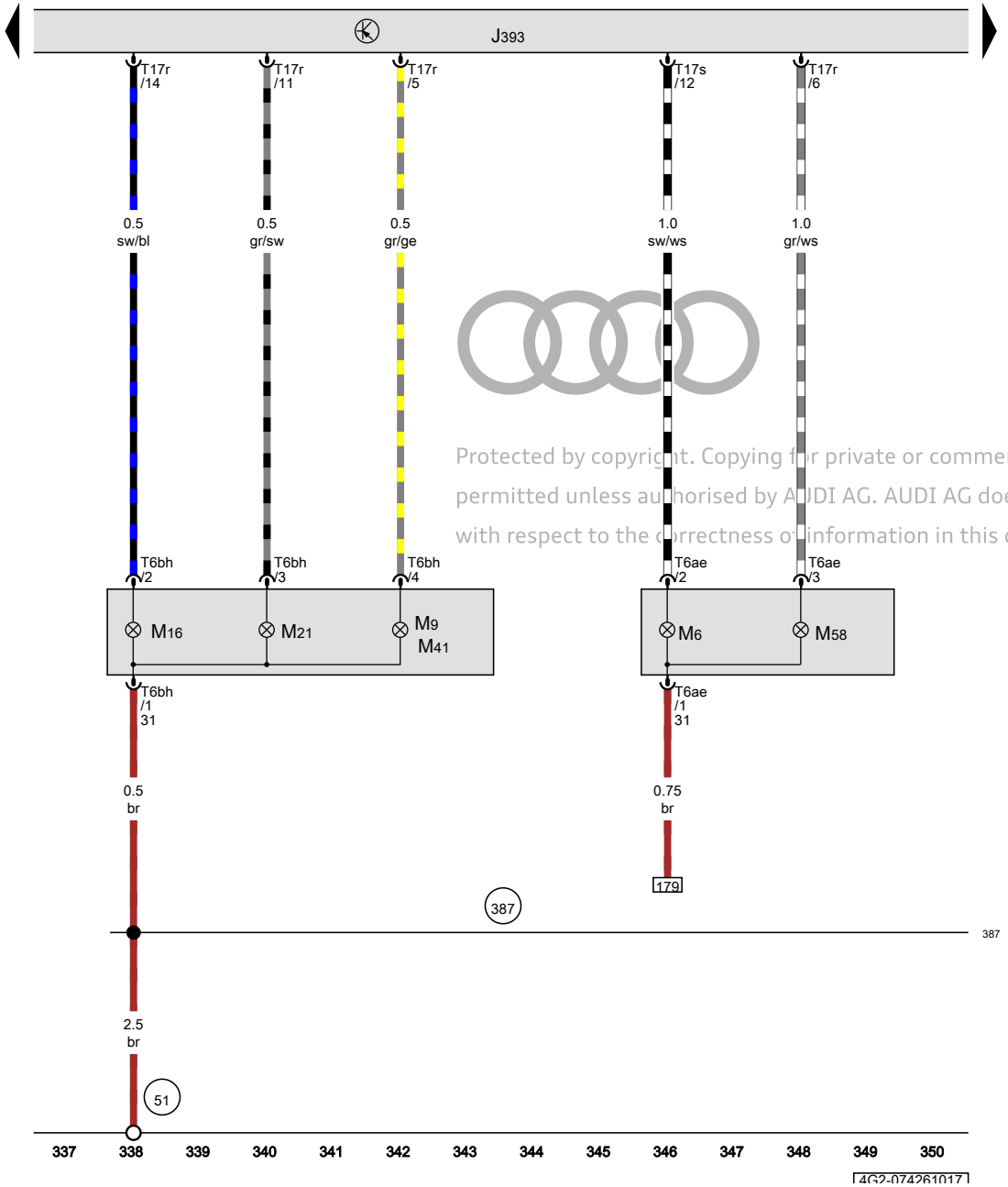
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2es	2-pin connector
T4eq	4-pin connector
T17r	17-pin connector
T32g	32-pin connector
V91	Rear roller blind motor
383	Earth connection 18, in main wiring harness
*	For models with electric rear roller blind

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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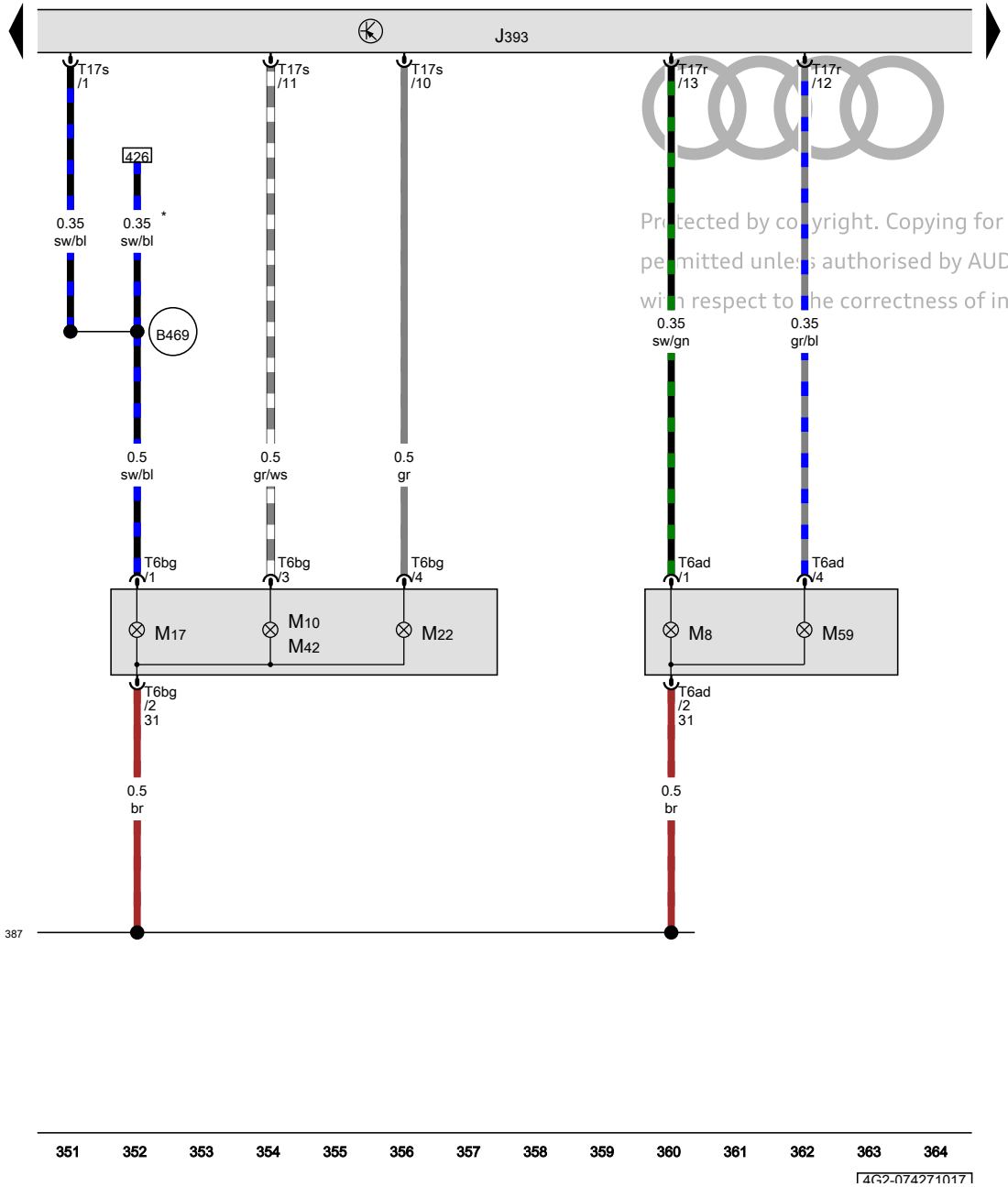
Convenience system central control unit, Left brake light bulb, Left reversing light bulb, Left brake and tail light bulb

J393	Convenience system central control unit
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
T6ae	6-pin connector
T6bh	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness



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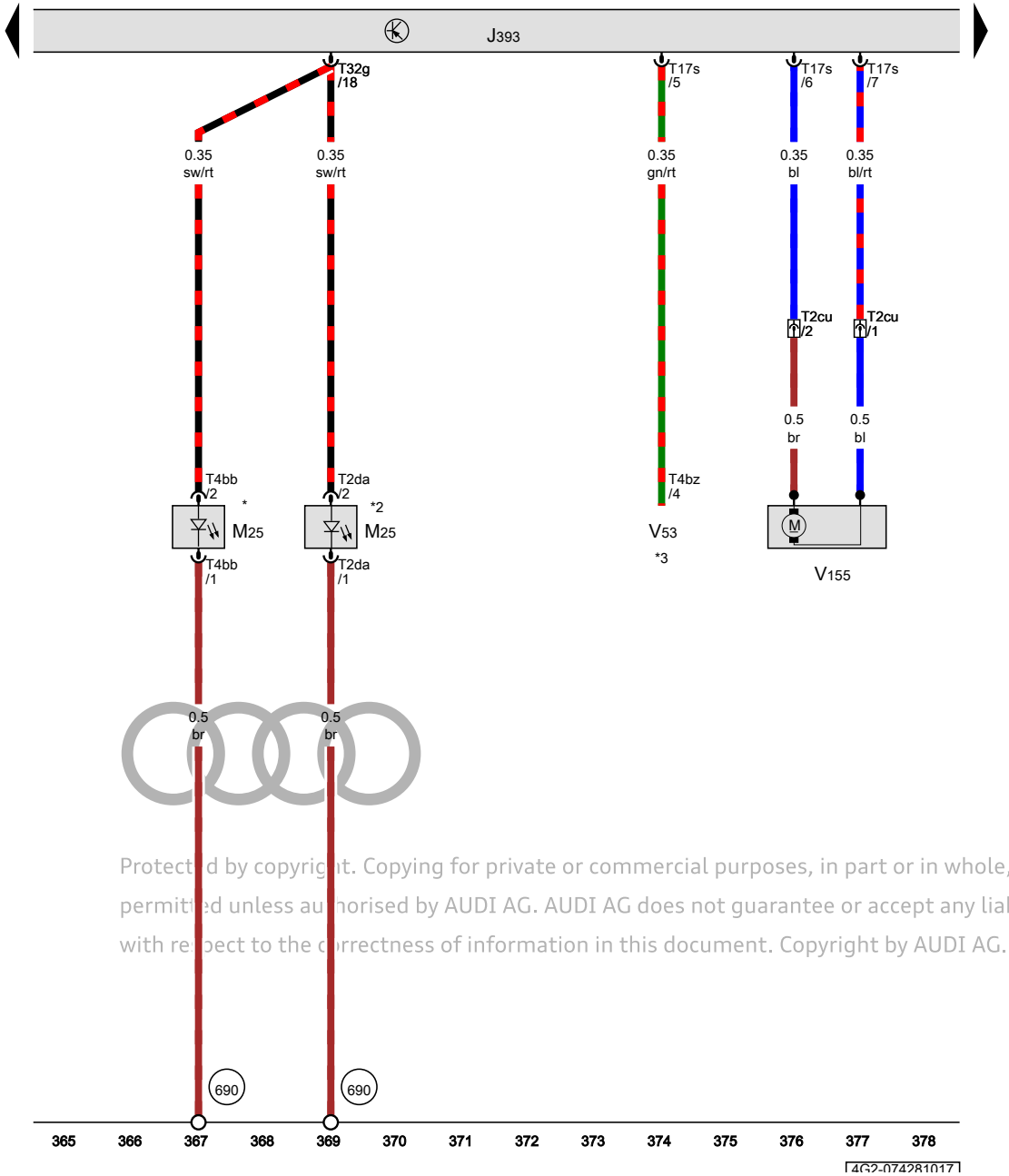
Convenience system central control unit, Right brake light bulb, Right reversing light bulb, Right brake and tail light bulb, Right tail light and rear fog light bulb

J393	Convenience system central control unit
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
T6ad	6-pin connector
T6bg	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
*	For models with no main beam assist

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Convenience system central control unit, High-level brake light bulb, Tank filler flap locking motor

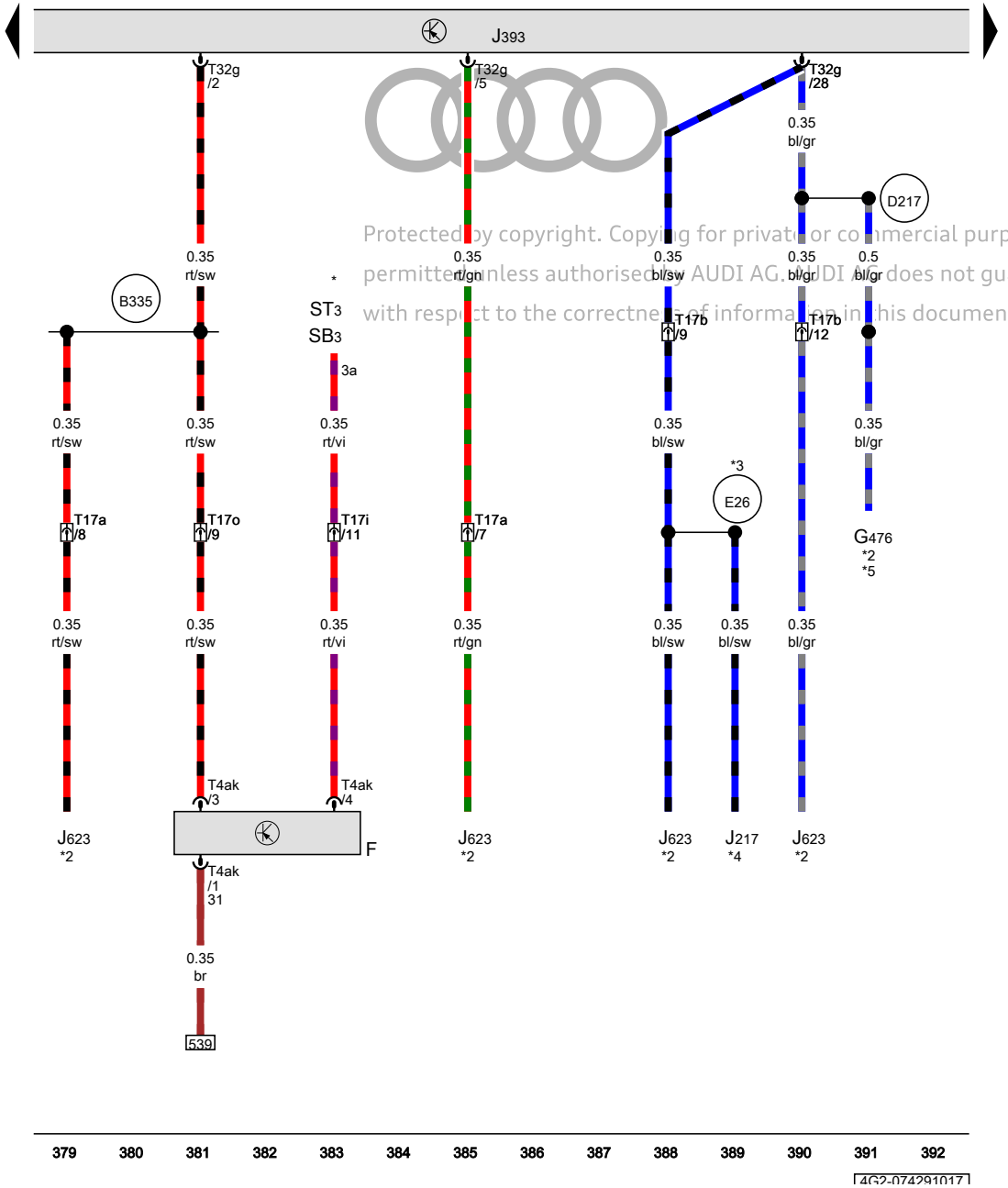


J393	Convenience system central control unit
M25	High-level brake light bulb
T2cu	2-pin connector
T2da	2-pin connector
T4bb	4-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
V155	Tank filler flap locking motor
690	Earth point, rear centre roof frame
*	For models with insulated glass
*2	For models with heat-reflecting glass
*3	see applicable current flow diagram for convenience system

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or	=	orange
rs	=	pink

Brake light switch, Convenience system central control unit

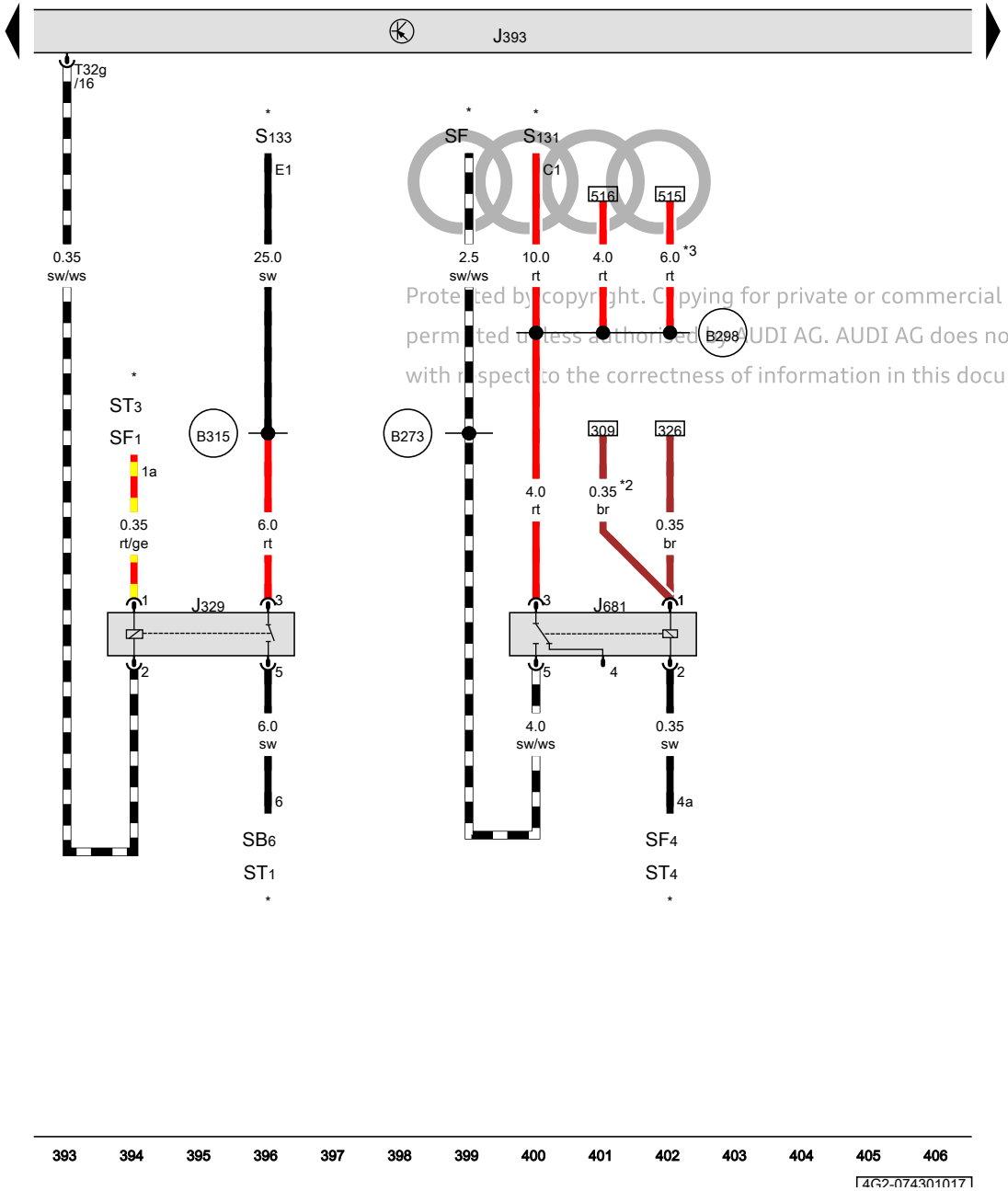


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F	Brake light switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine/motor control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in right A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T32g	32-pin connector
B335	Connection 1 (54), in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	For models with automatic gearbox
*4	see applicable current flow diagram for automatic gearbox
*5	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Terminal 15 voltage supply relay, Convenience system central control unit, Terminal 15 voltage supply relay 2

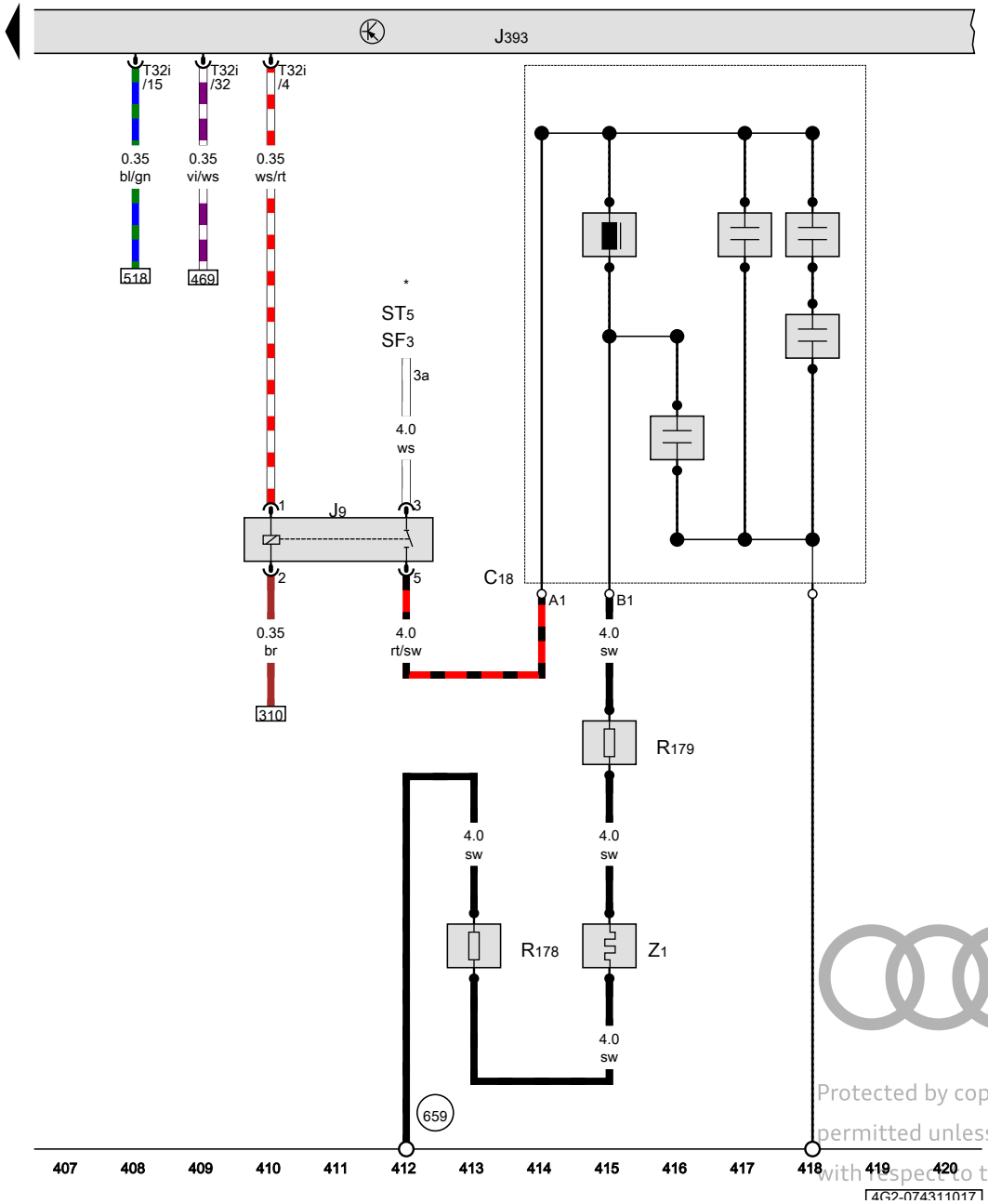


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J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
SB6	Fuse 6 on fuse holder B
S131	Fuse 1
S133	Fuse 3
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	For models with hybrid drive system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

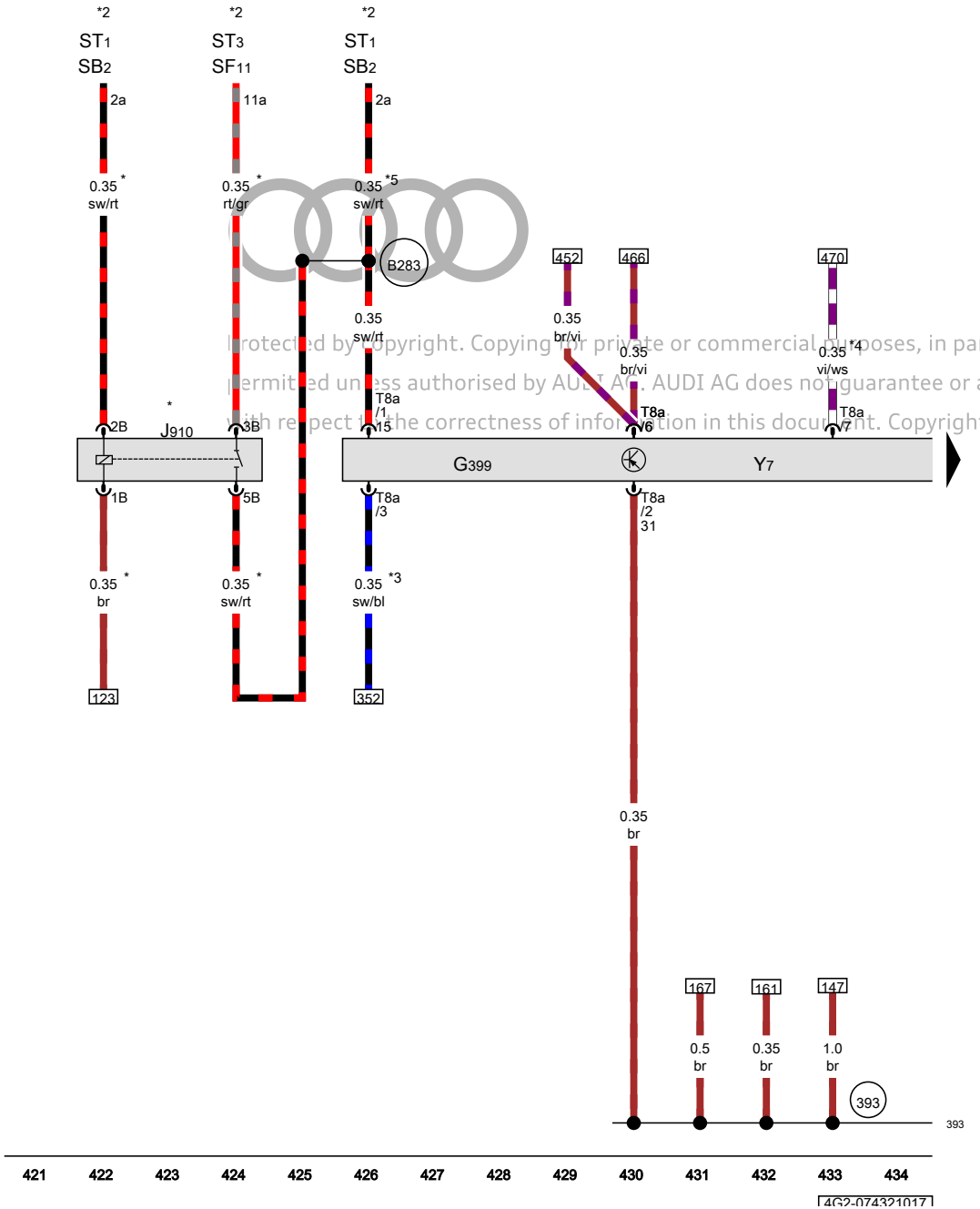
Window aerial suppression filter, Heated rear window relay, Convenience system central control unit



C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
SF3	Fuse 3 in fuse holder F
ST5	Fuse carrier 5
T32i	32-pin connector
Z1	Heated rear window
659	Earth point 1, on right near rear window
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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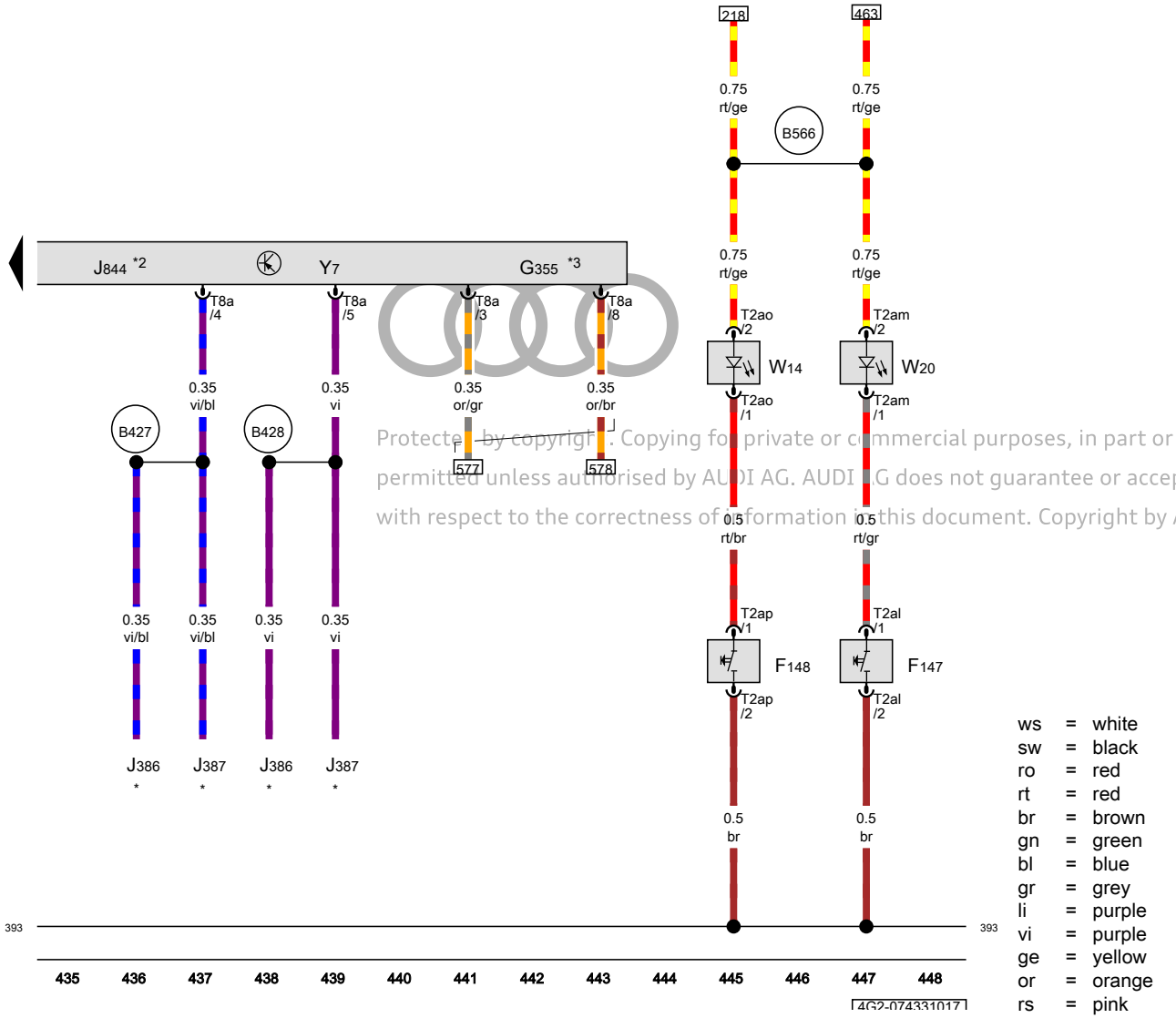
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Light sensor, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

G399	Light sensor
J910	Relay for automatic anti-dazzle interior mirror
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T8a	8-pin connector
Y7	Automatic anti-dazzle interior mirror
393	Earth connection 28, in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	For models with automatic anti-dazzle interior mirror
*2	see applicable current flow diagram for fuse assignment
*3	For models with no main beam assist
*4	Up to May 2012
*5	Not for models with automatic anti-dazzle interior mirror

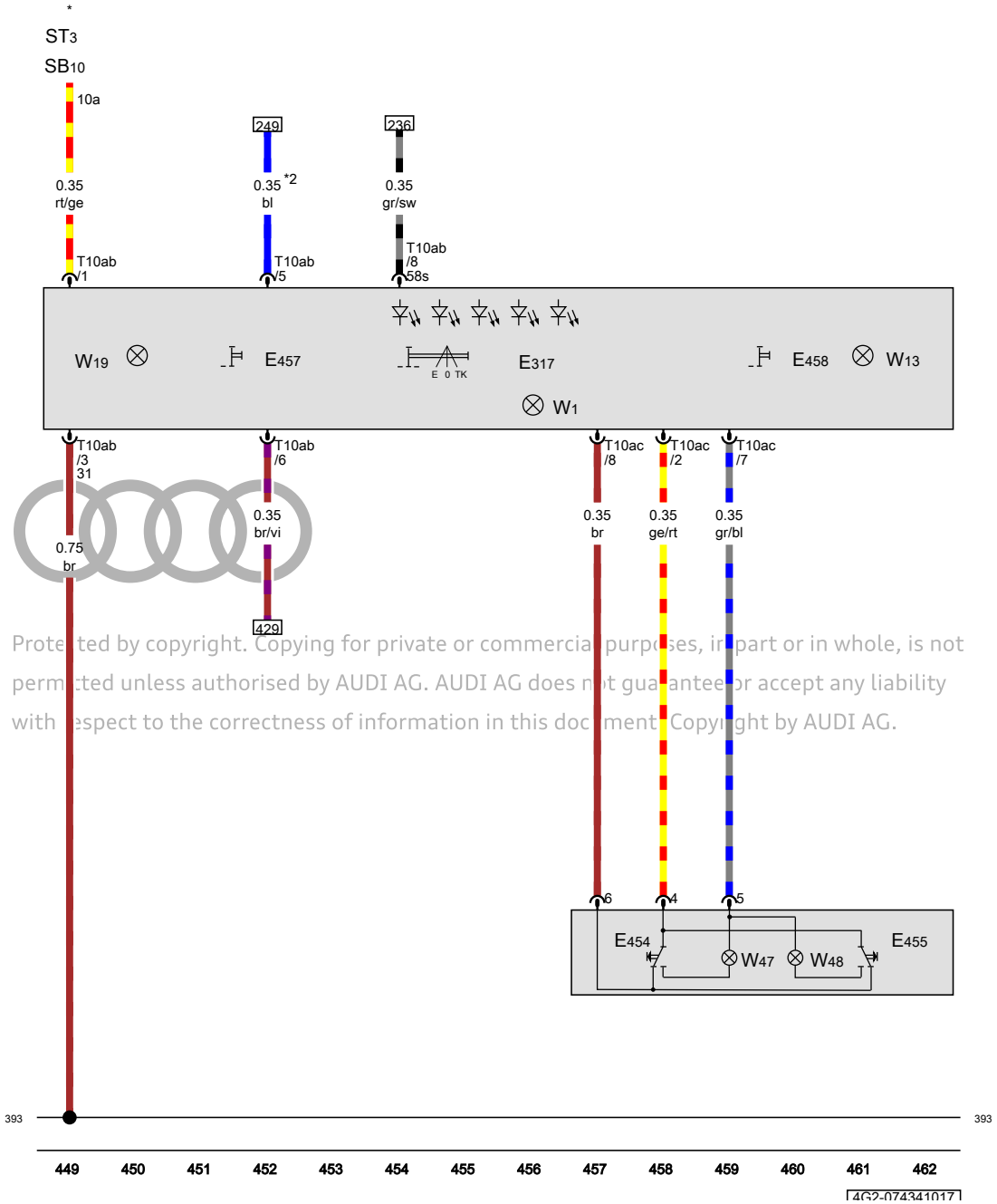
Humidity sender, Main beam assist control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G355	Humidity sender
J386	Driver door control unit
J387	Front passenger door control unit
J844	Main beam assist control unit
T2al	2-pin connector
T2am	2-pin connector
T2ao	2-pin connector
T2ap	2-pin connector
T8a	8-pin connector
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
Y7	Automatic anti-dazzle interior mirror
393	Earth connection 28, in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
B566	Connection 33, in main wiring harness
*	see applicable current flow diagram for convenience system
*2	For models with main beam assist
*3	For models with humidity sender



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

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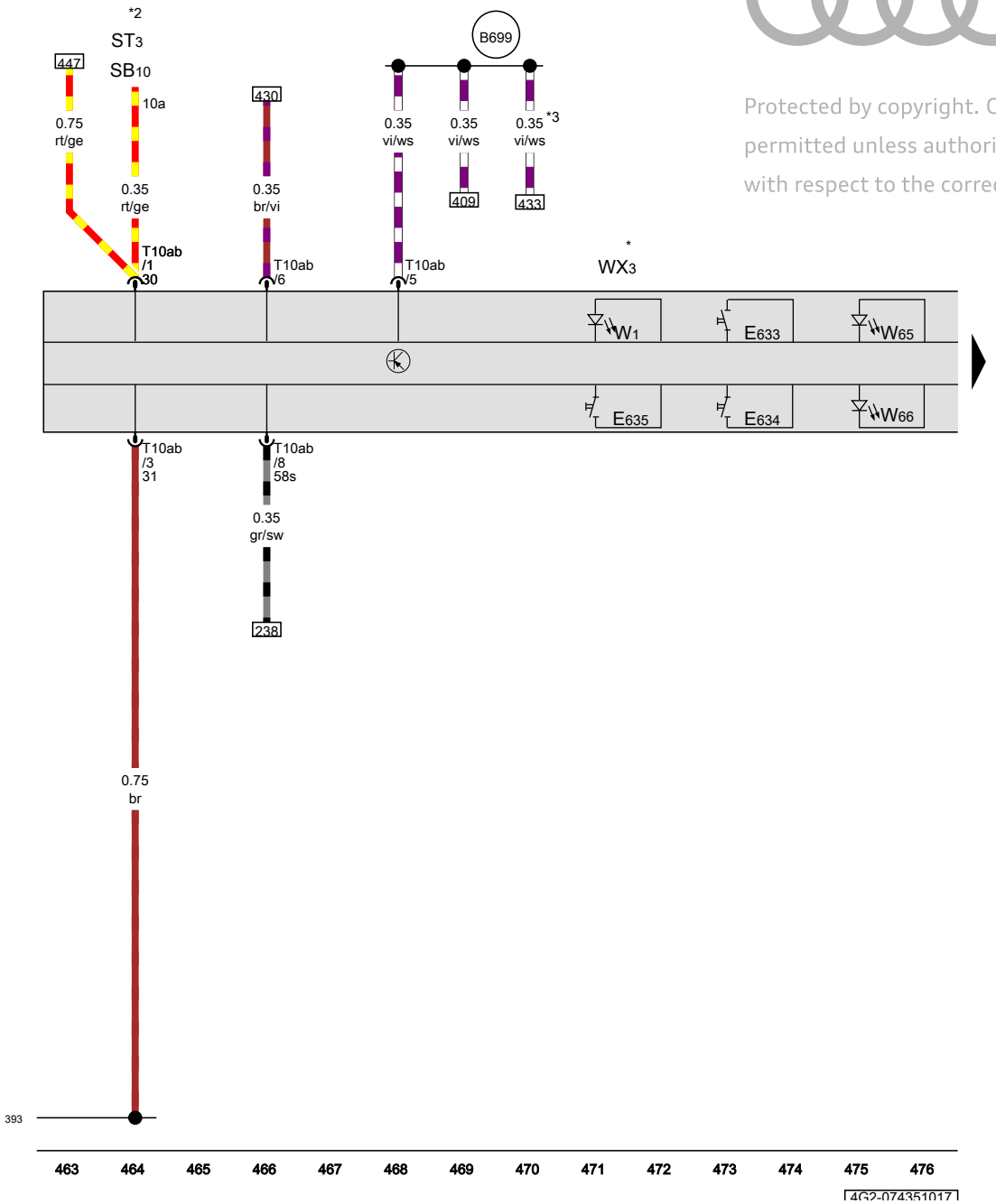


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Front passenger reading light, Driver side reading light

E317	Interior light switch
E454	Rear left reading light button
E455	Rear right reading light button
E457	Driver side reading light button
E458	Front passenger side reading light button
ST3	Fuse carrier 3
SB10	Fuse 10 on fuse holder B
T10ab	10-pin connector
T10ac	10-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
W47	Rear left interior light
W48	Rear right interior light
393	Earth connection 28, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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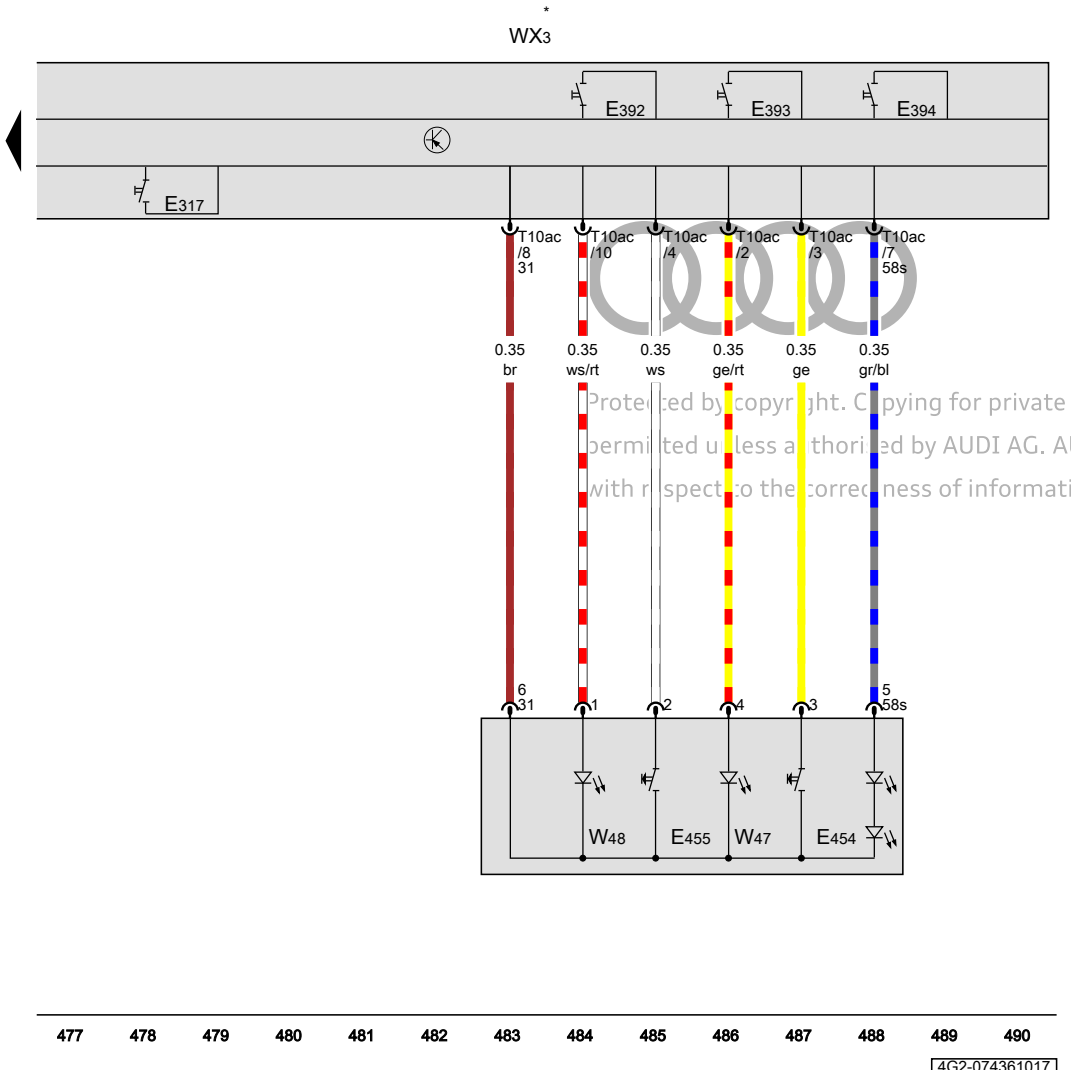
Front interior light, Front roof module

E633	Front left reading light button
E634	Front right reading light button
E635	Front button for rear reading light
ST3	Fuse carrier 3
SB10	Fuse 10 on fuse holder B
T10ab	10-pin connector
W1	Front interior light
WX3	Front roof module
W65	Front left reading light
W66	Front right reading light
393	Earth connection 28, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	For models with Highline equipment
*2	see applicable current flow diagram for fuse assignment
*3	Up to May 2012

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sw	=	black
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rt	=	red
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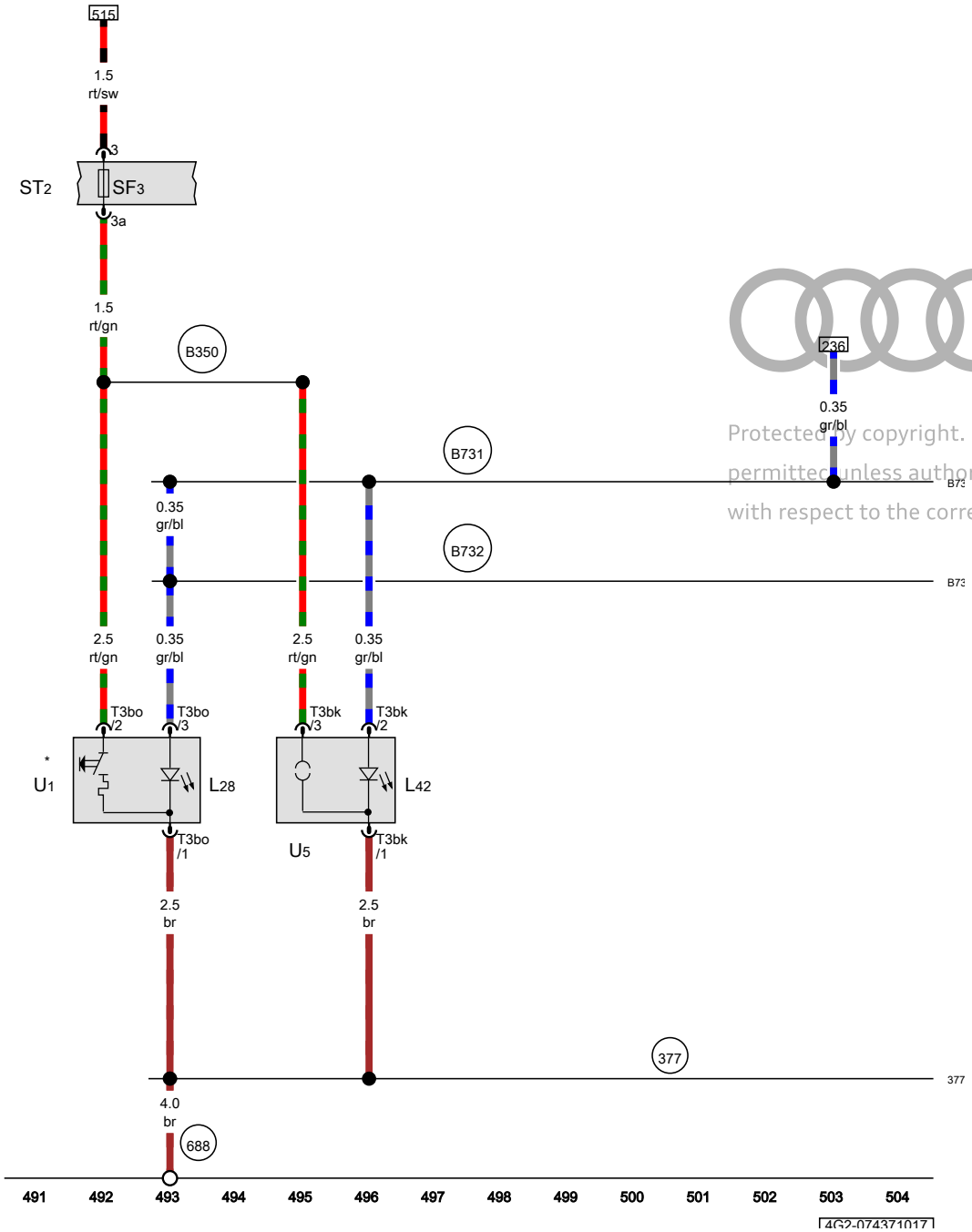
Front roof module, Rear right interior light

E317	Interior light switch
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
E454	Rear left reading light button
E455	Rear right reading light button
T10ac	10-pin connector
WX3	Front roof module
W47	Rear left interior light
W48	Rear right interior light
*	For models with Highline equipment



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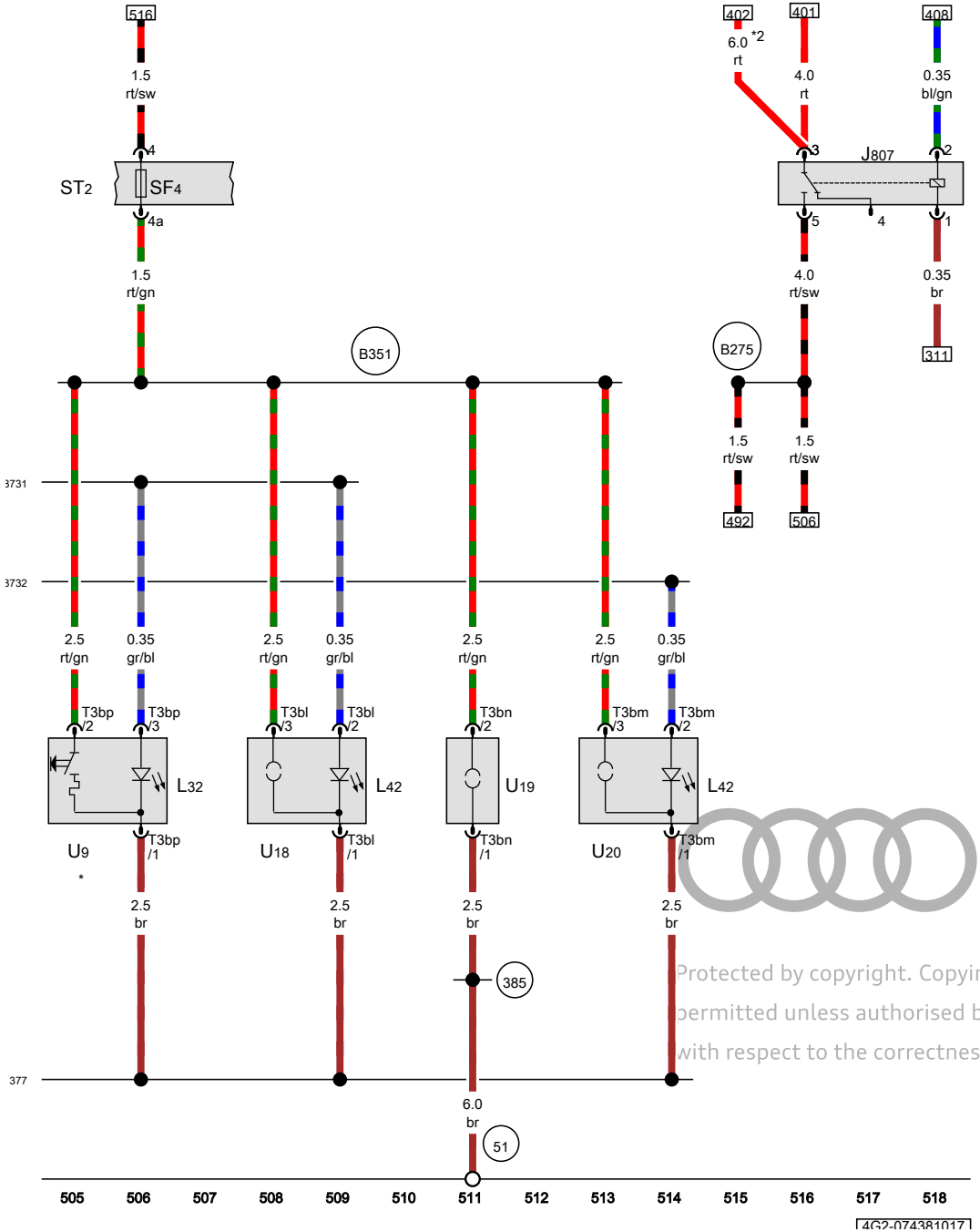


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Cigarette lighter, 12 V socket

L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
T3bk	3-pin connector
T3bo	3-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in centre console
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B350	Positive connection 1 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	For smoker version models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

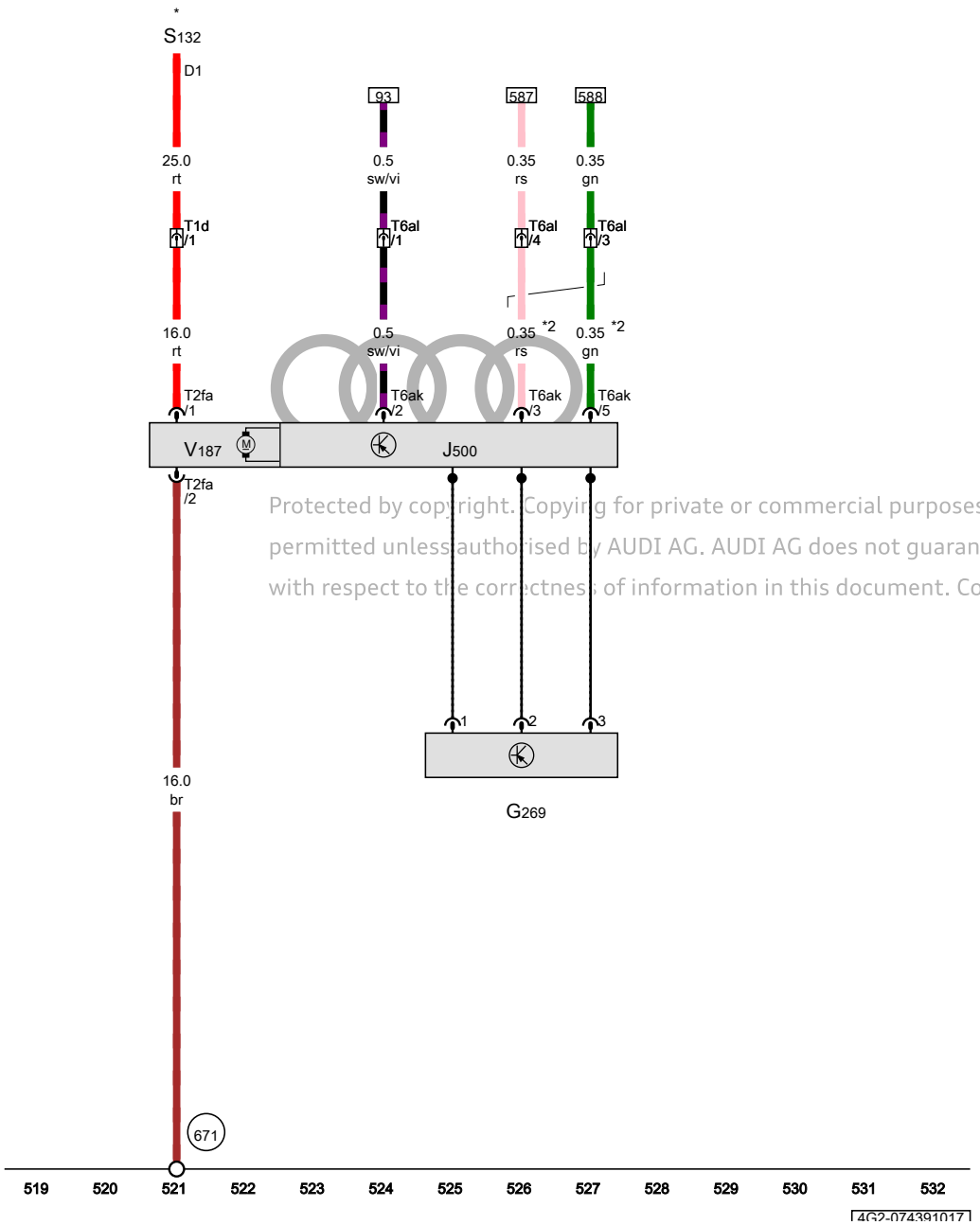


Relay for power sockets, Rear cigarette lighter, 12 V socket 2, 12 V socket 3

J807	Relay for power sockets
L32	Rear cigarette lighter illumination bulb
L42	Socket illumination bulb
ST2	Fuse carrier 2
SF4	Fuse 4 in fuse holder F
T3bl	3-pin connector
T3bm	3-pin connector
T3bn	3-pin connector
T3bp	3-pin connector
U9	Rear cigarette lighter, in rear centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3, in luggage compartment
U20	12 V socket 4, in rear centre console
51	Earth point, on right in luggage compartment
377	Earth connection 12, in main wiring harness
385	Earth connection 20, in main wiring harness
B275	Positive connection (87), in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	For smoker version models
*2	For models with hybrid drive system

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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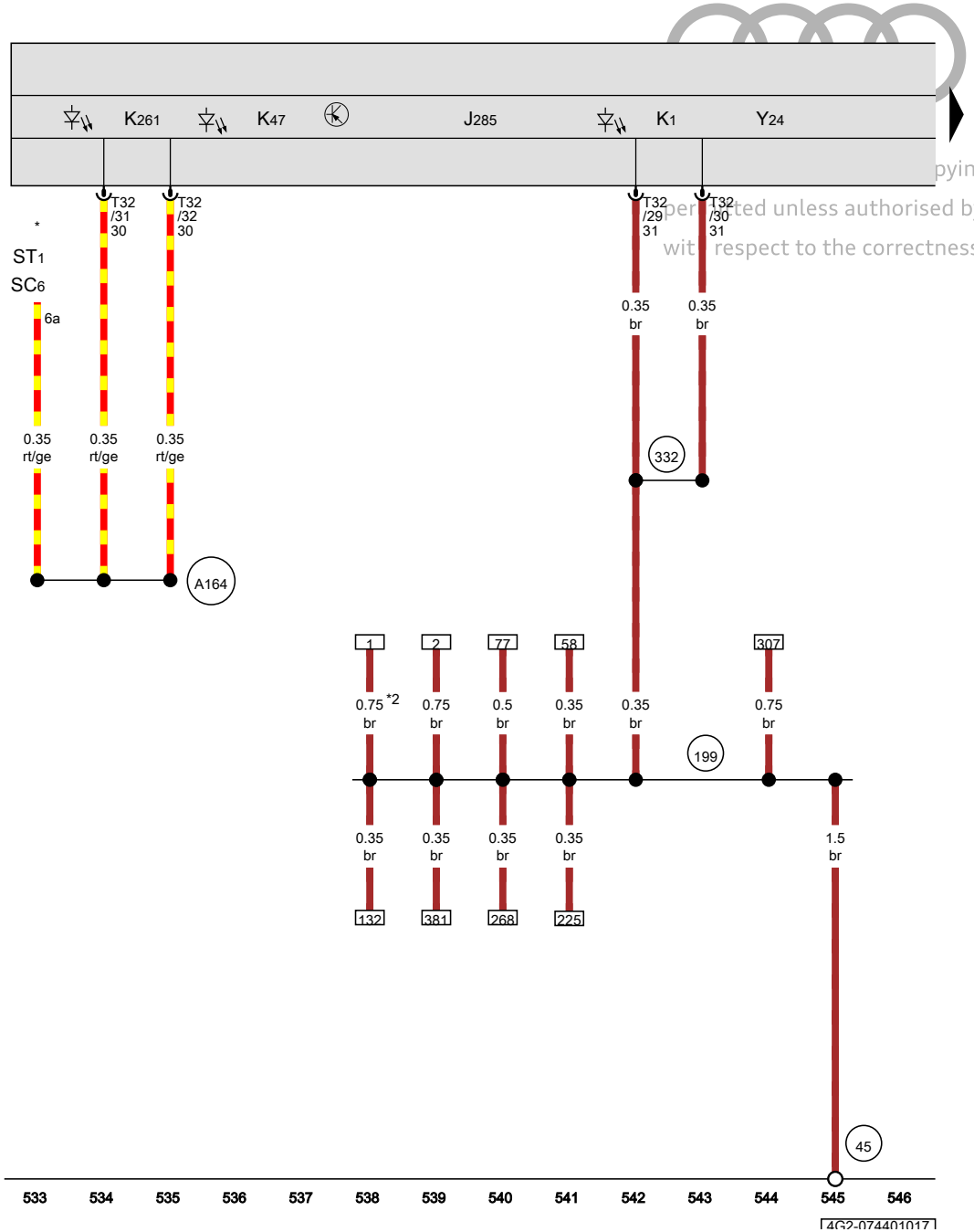


Power steering control unit

G269	Steering moment sender
J500	Power steering control unit
S132	Fuse 2
T1d	1-pin connector, on front left on vehicle floor
T2fa	2-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (FlexRay bus)

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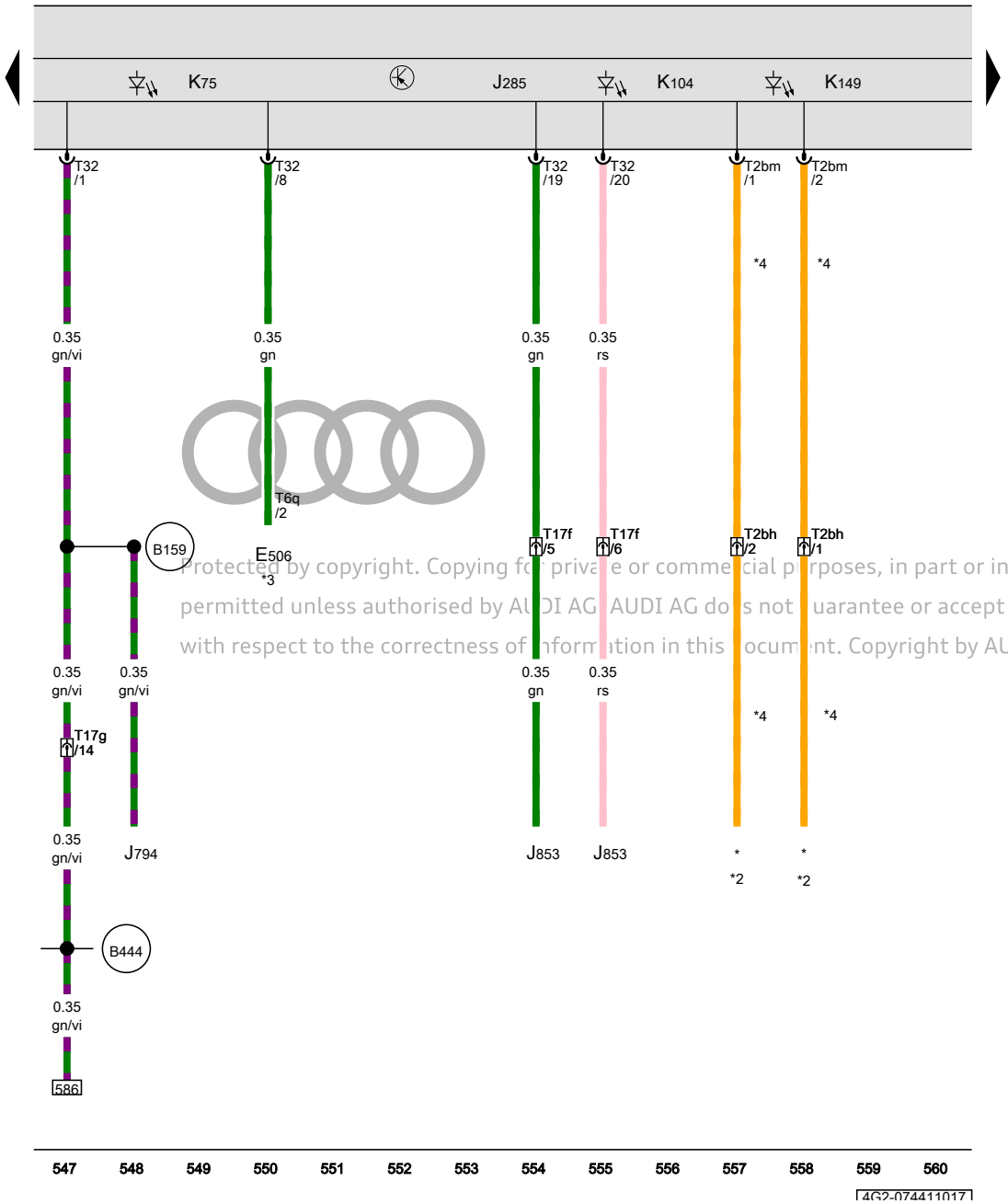


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Control unit in dash panel insert

J285	Control unit in dash panel insert
K1	Main beam warning lamp
K47	ABS warning lamp
K261	Warning lamp for left turn signal
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
T32	32-pin connector
Y24	Display in dash panel insert
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
332	Earth connection 4, in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with heated steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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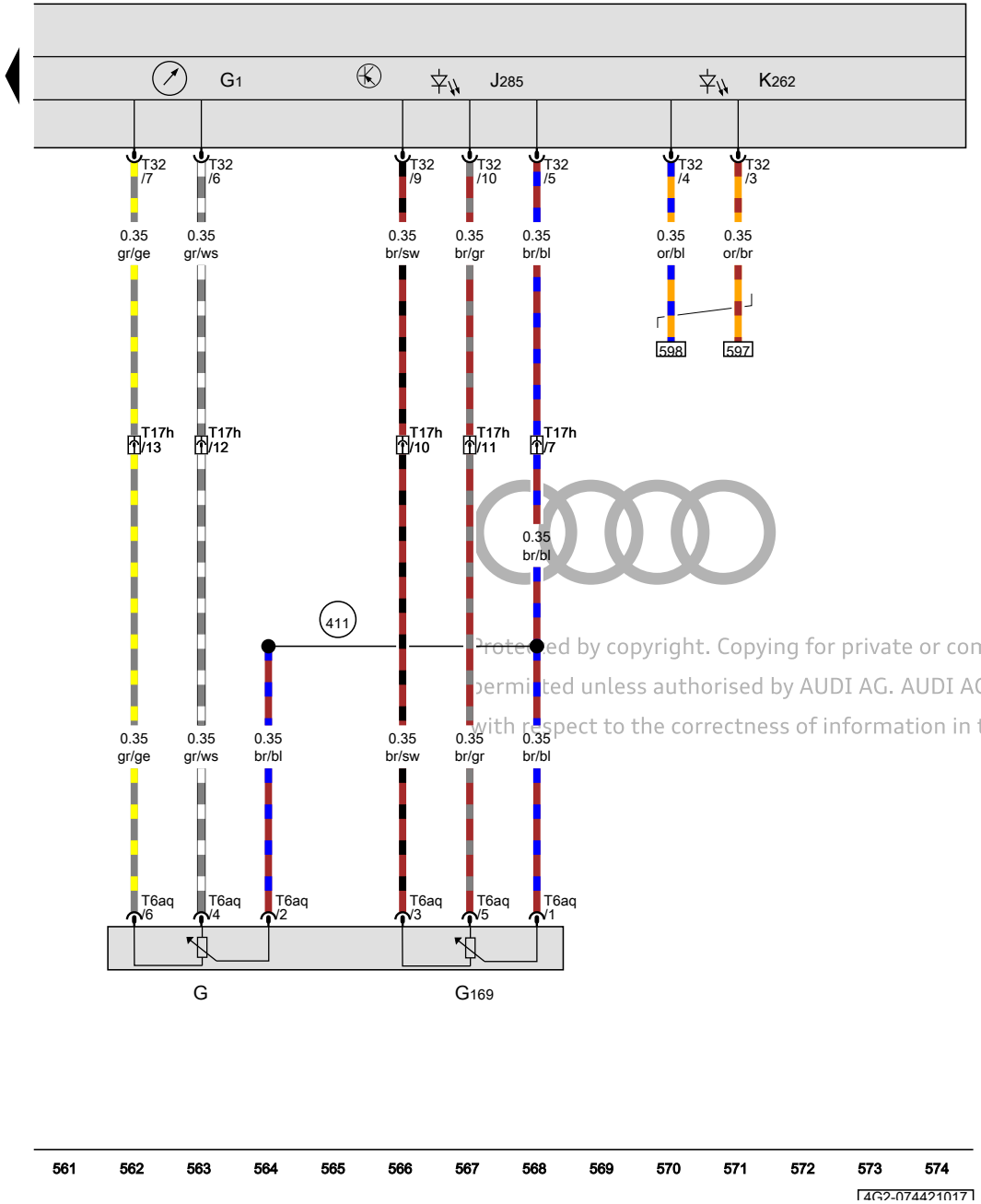


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Display unit button, Control unit in dash panel insert

E506	Display unit button
J285	Control unit in dash panel insert
J794	Control unit 1 for information electronics
J853	Control unit for night vision system
K75	Airbag warning lamp
K104	Diesel electronics warning lamp
K149	Engine electronics warning lamp
T2bh	2-pin connector, Centre console, front right
T2bm	2-pin connector
T6q	6-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T17g	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for data bus network
*3	see applicable current flow diagram for MMI (information electronics)
*4	Fibre optic cable (FOC)

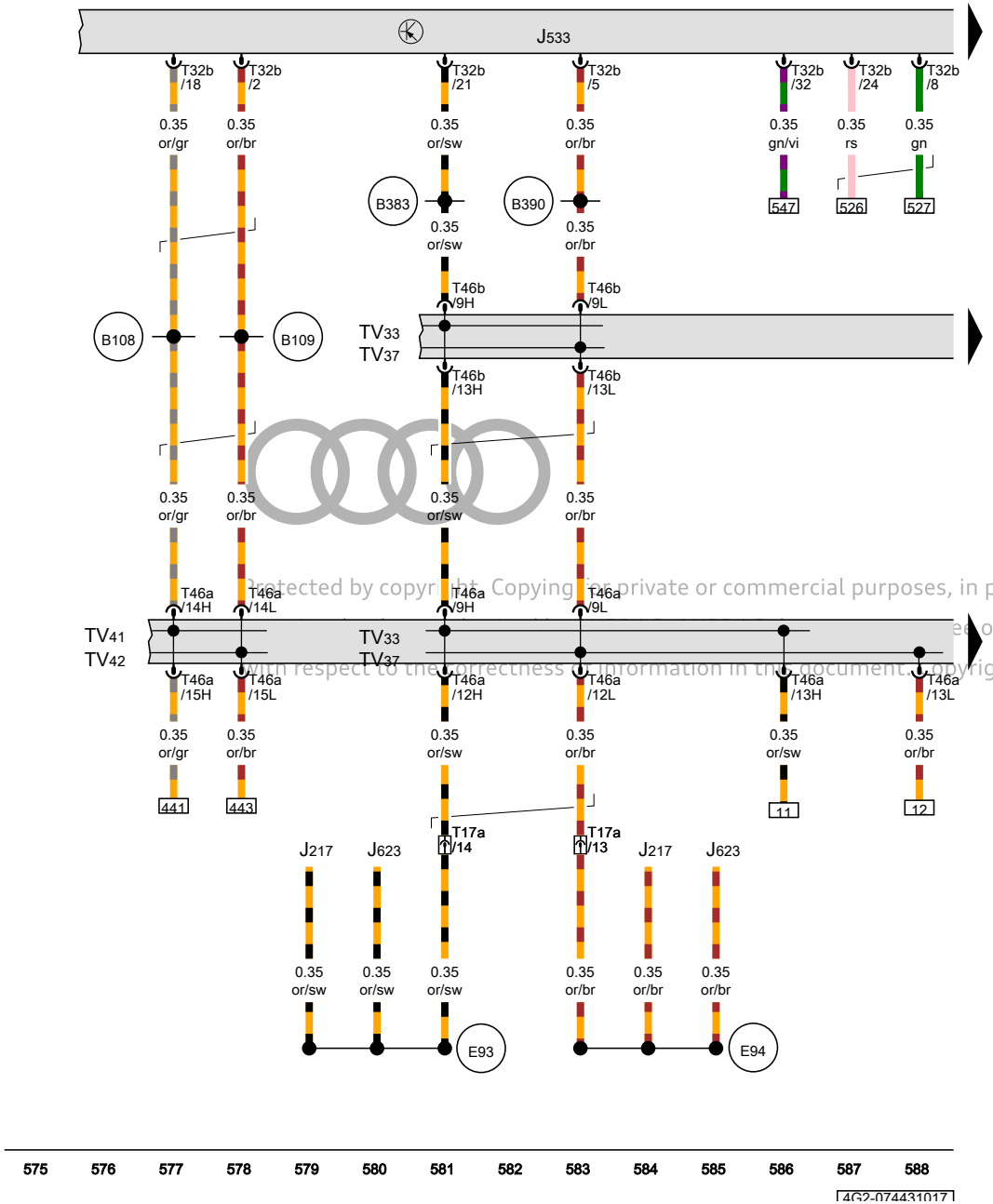


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K262	Warning lamp for right turn signal
T6aq	6-pin connector
T17h	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
411	Earth connection 2 (sender earth) in main wiring harness

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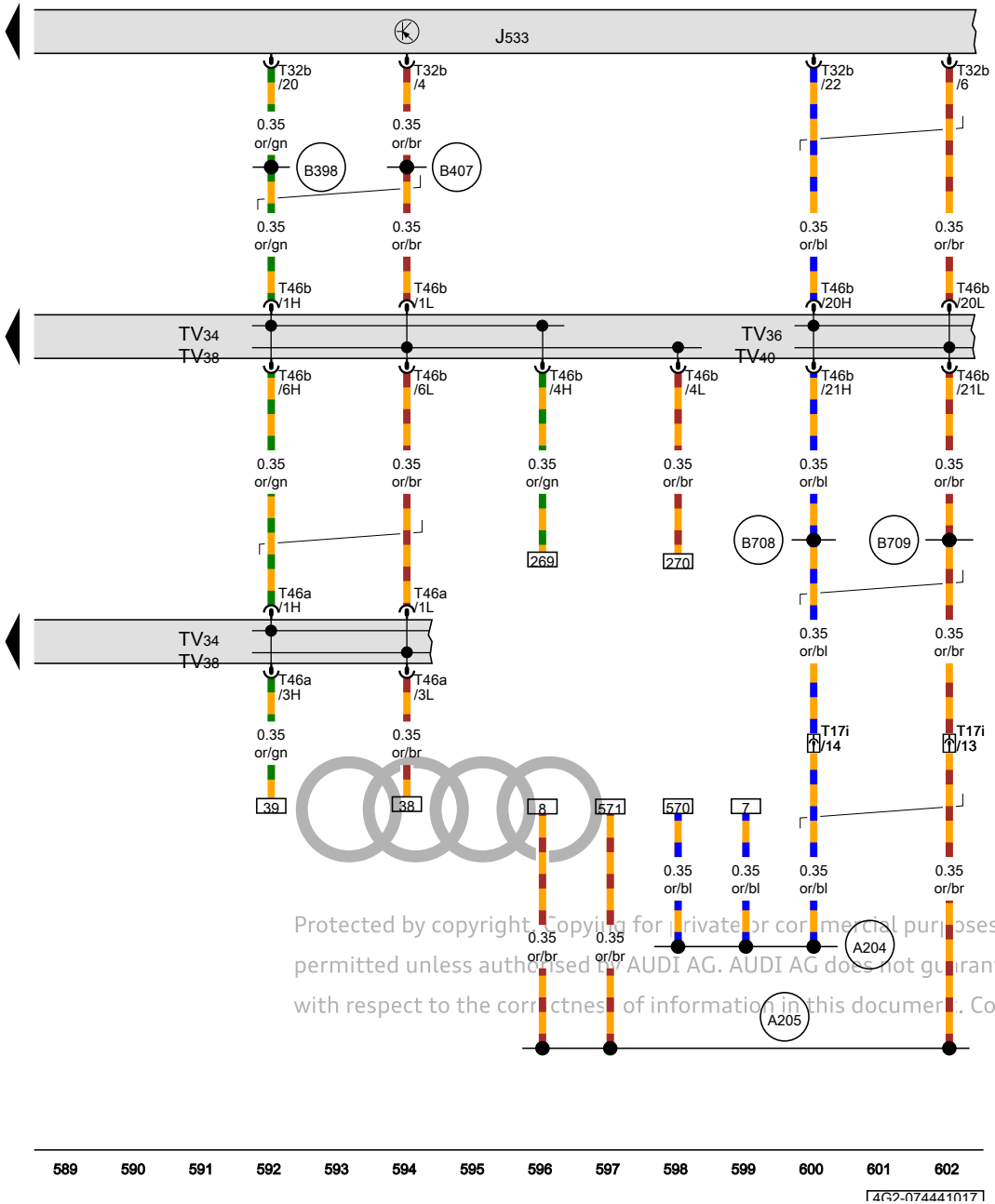


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine/motor control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high

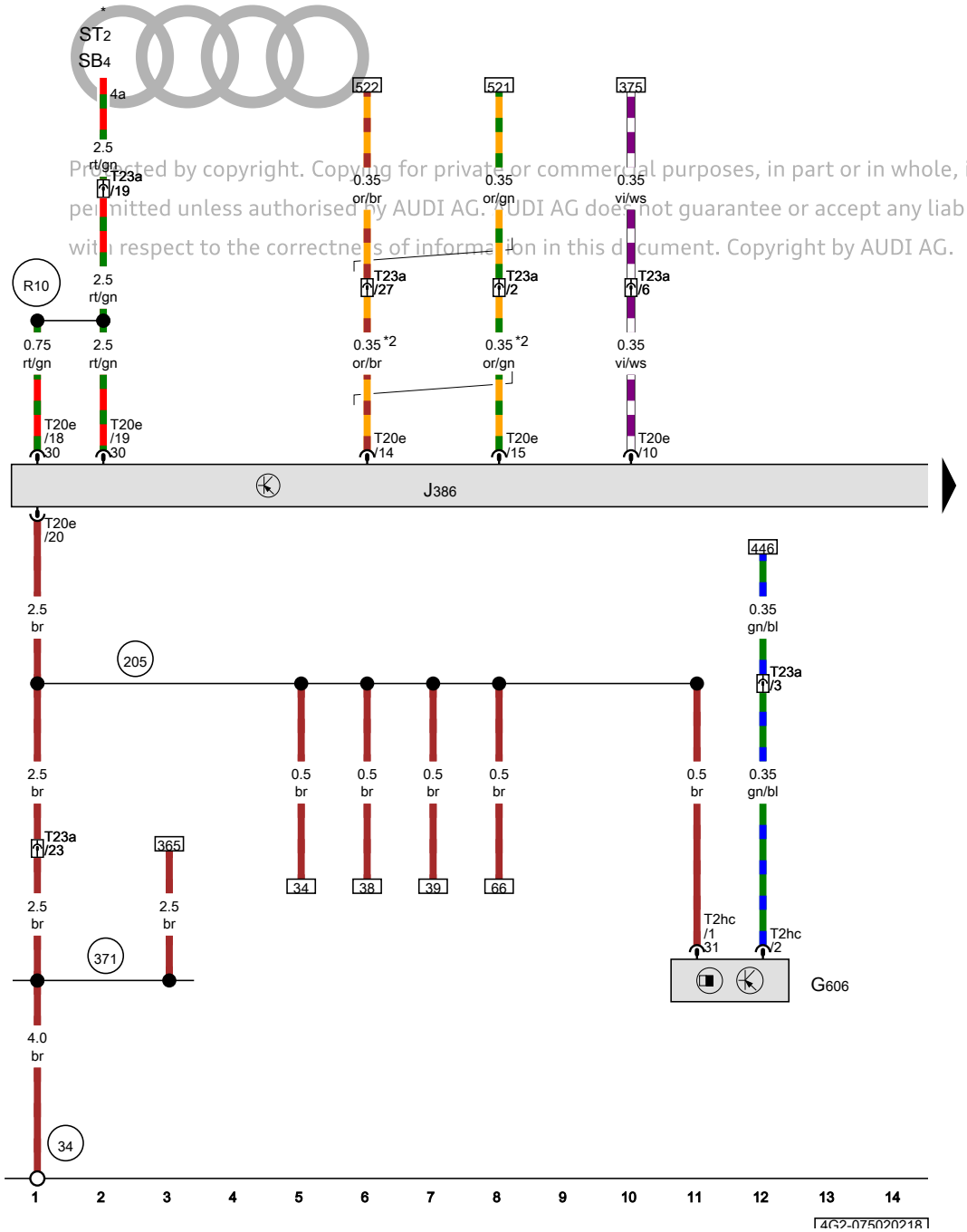
J533	Data bus diagnostic interface
T17i	17-pin connector, in right A-pillar coupling station
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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Convenience system, right-hand drive , (L0R)

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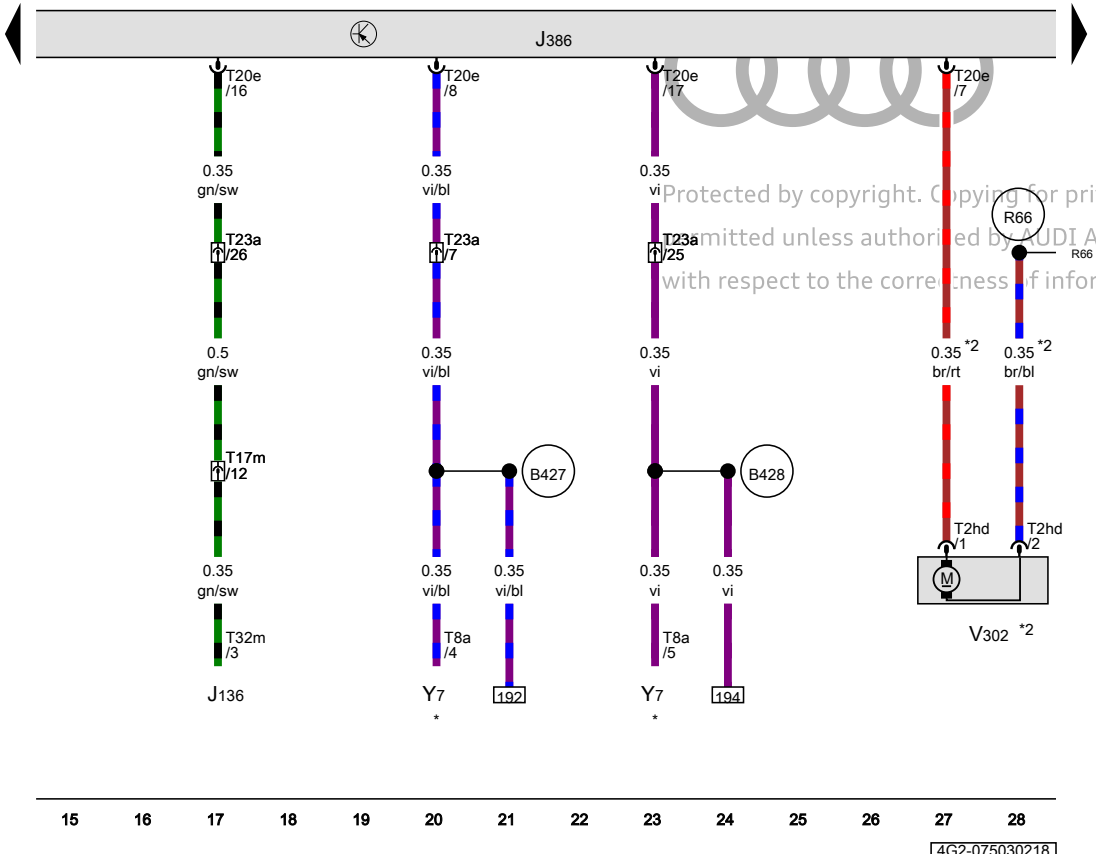
Contact sensor for front right exterior door handle, Driver door control unit

G606	Contact sensor for front right exterior door handle
J386	Driver door control unit
ST2	Fuse carrier 2
SB4	Fuse 4 on fuse holder B
T2hc	2-pin connector
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
34	Earth point, under driver seat
205	Earth connection, in driver door wiring harness
371	Earth connection 6, in main wiring harness
R10	Positive connection 1 (30), in driver door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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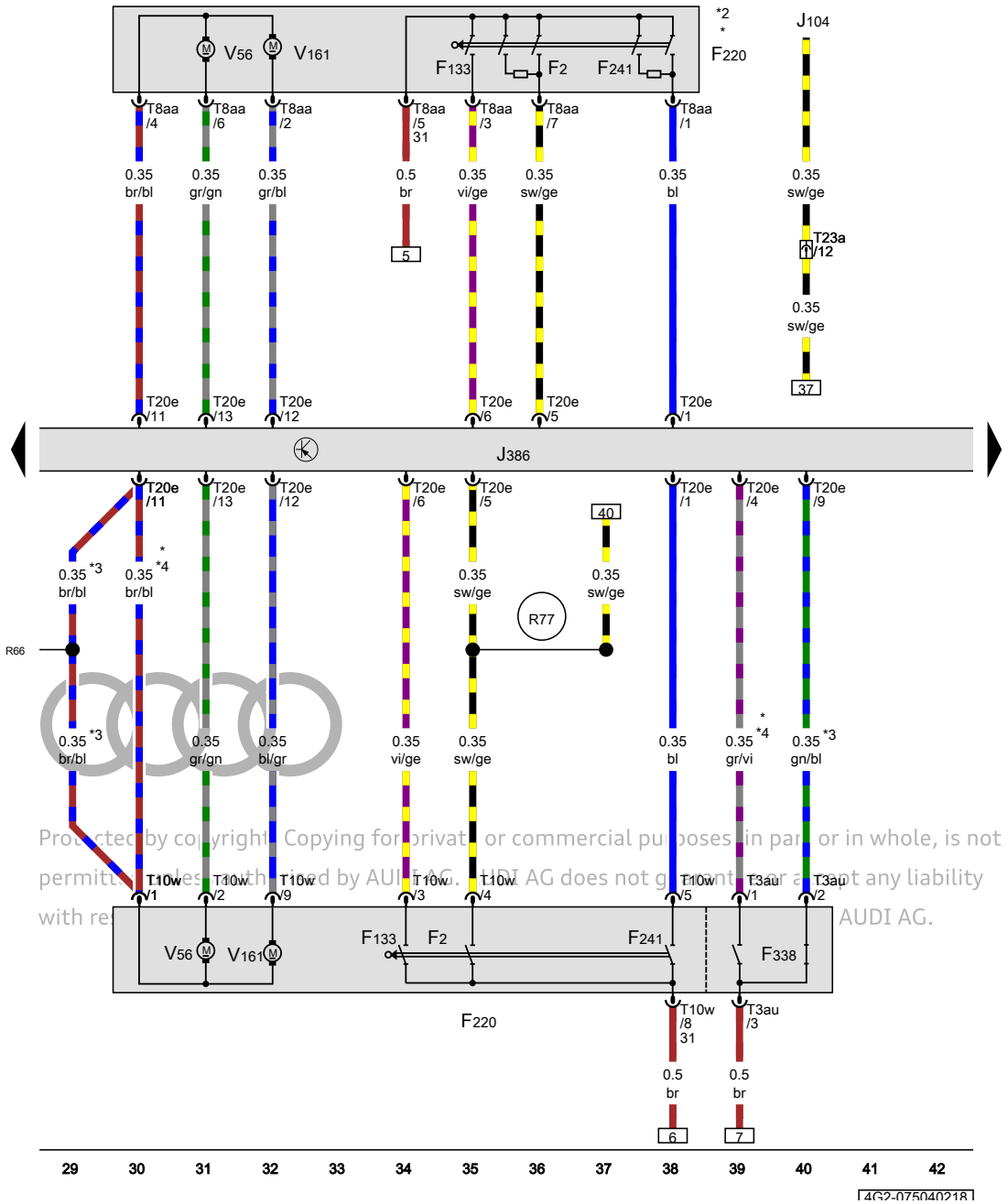
Driver door control unit, Driver door power latching motor

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
T2hd	2-pin connector
T8a	8-pin connector
T17m	17-pin connector, in coupling point for front seat, right
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
T32m	32-pin connector
V302	Driver door power latching motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
R66	Positive connection (central locking), in driver door wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with power latching system



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Driver side central locking lock unit, Driver door control unit

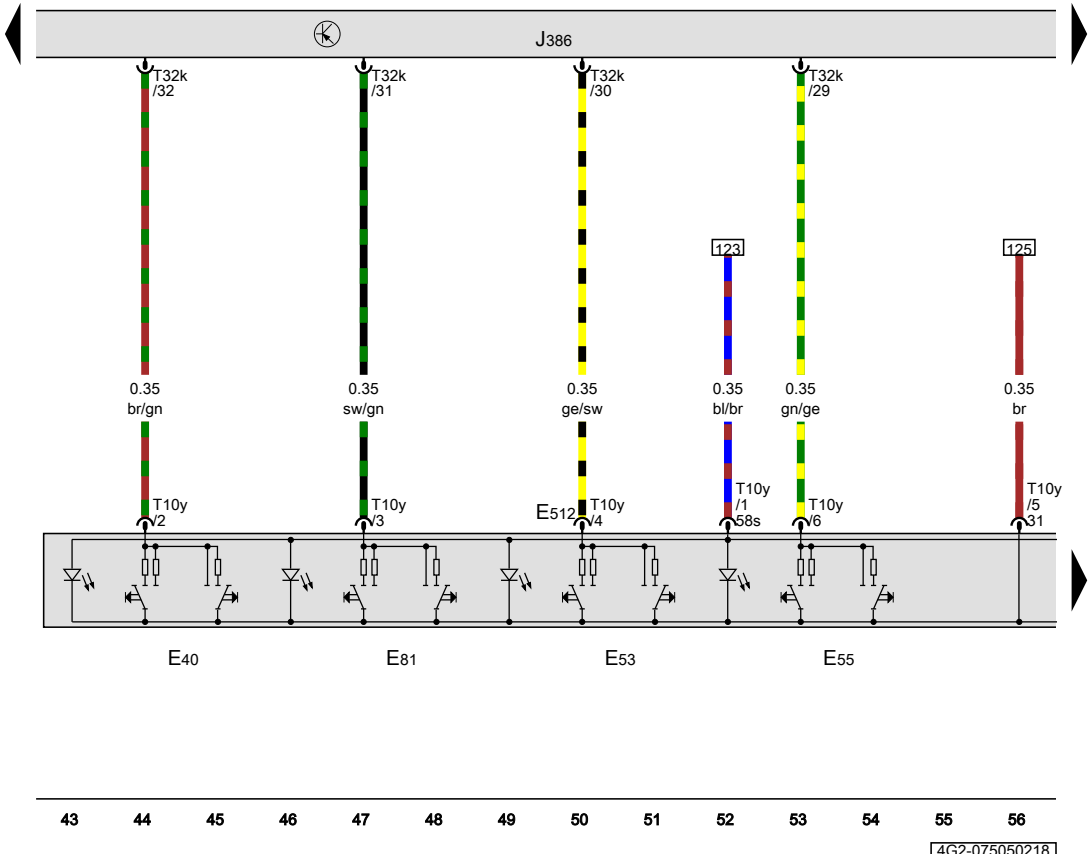
F2	Driver door contact switch
F133	Front right central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
F338	Driver door power latching system contact switch
J104	ABS control unit
J386	Driver door control unit
T3au	3-pin connector
T8aa	8-pin connector
T10w	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
R66	Positive connection (central locking), in driver door wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	For models with power latching system
*4	For models with adaptive cruise control (ACC)

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Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10y	10-pin connector
T32k	32-pin connector

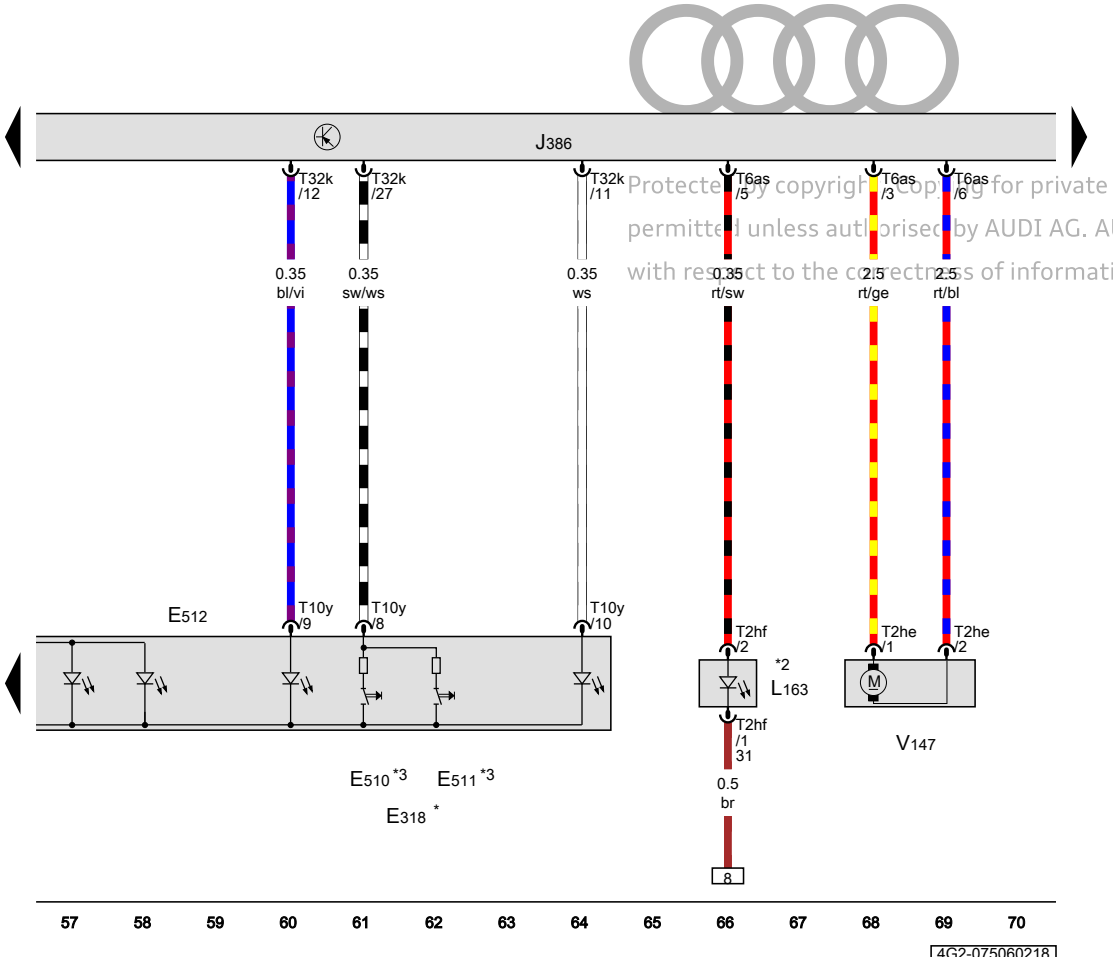
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Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Front right exterior door handle illumination bulb, Driver side window regulator motor

E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L163	Front right exterior door handle illumination bulb
T2he	2-pin connector
T2hf	2-pin connector
T6as	6-pin connector
T10y	10-pin connector
T32k	32-pin connector
V147	Driver side window regulator motor
*	For models with no childproof locks
*2	For models with additional lights
*3	For models with childproof locks

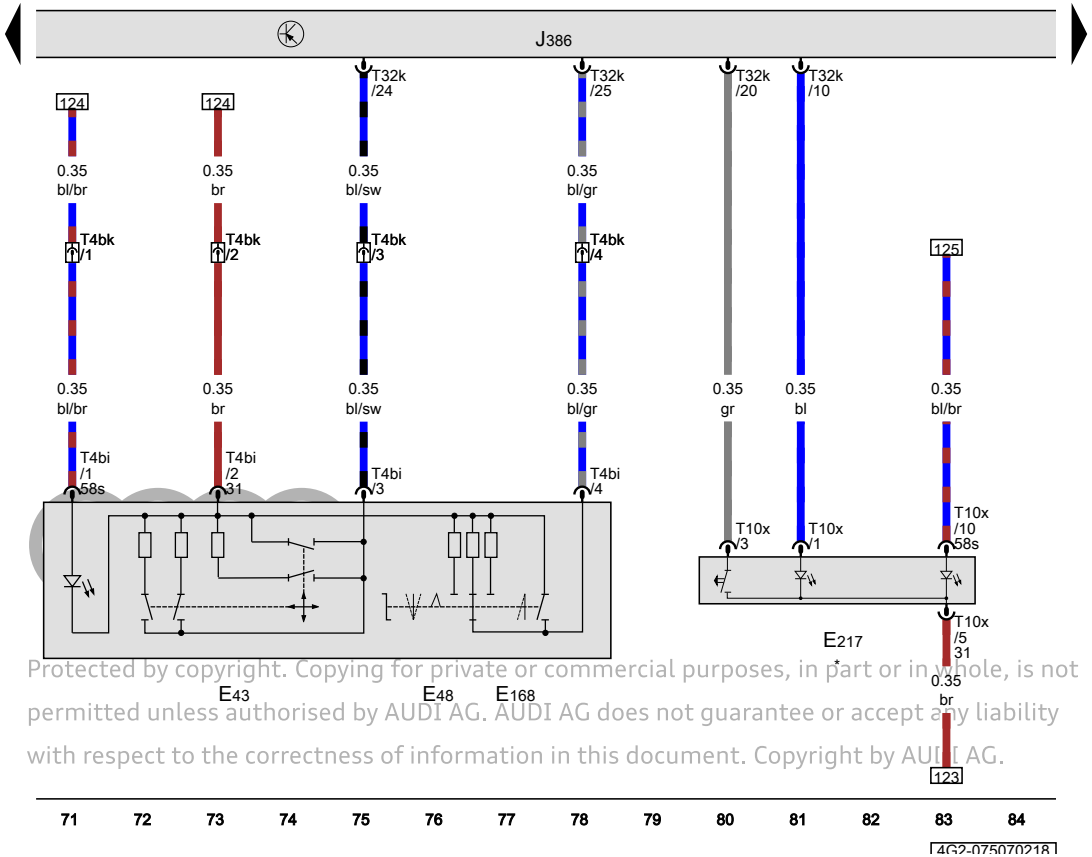


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Mirror adjustment switch, Alarm system off switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E217	Alarm system off switch
J386	Driver door control unit
T4bi	4-pin connector
T4bk	4-pin connector, in driver door
T10x	10-pin connector
T32k	32-pin connector
*	For models with anti-theft alarm system, interior monitor and tow-away protection

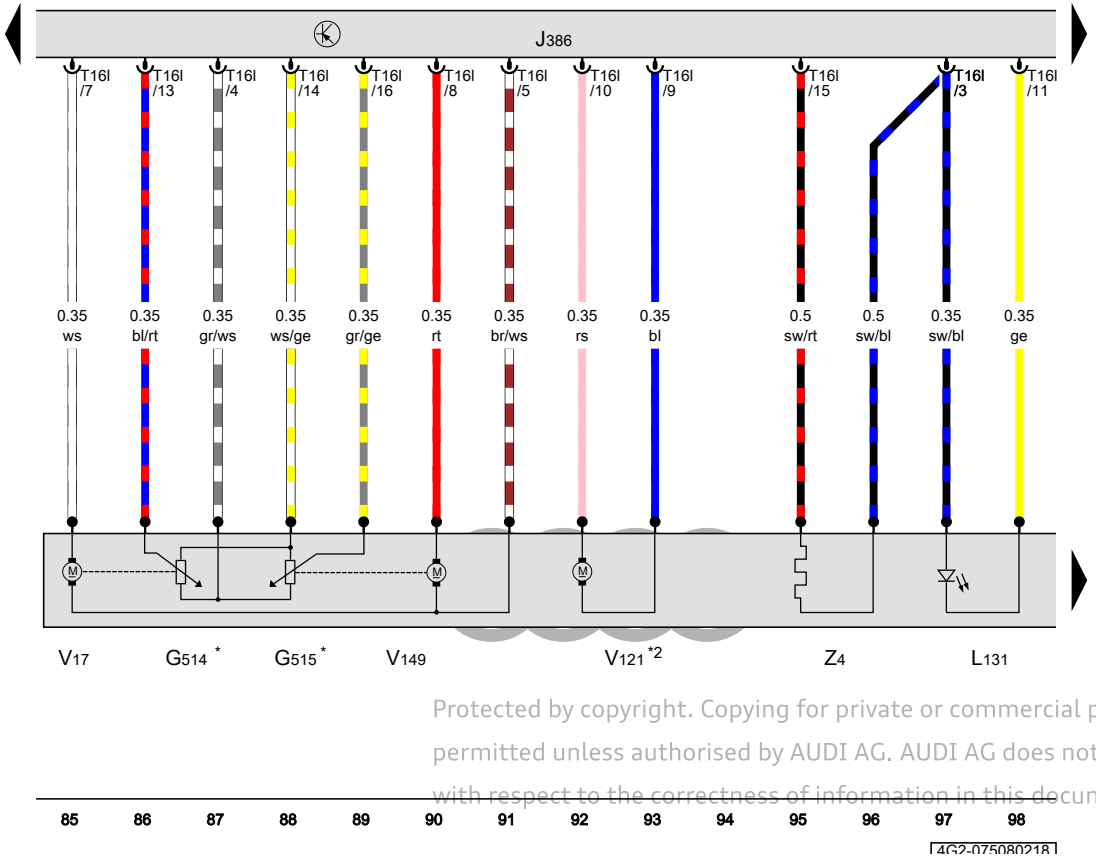


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Driver door control unit, Driver side mirror adjustment motor 2

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T16l	16-pin connector
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
*	Optional equipment
*2	For models with fold-in mirror

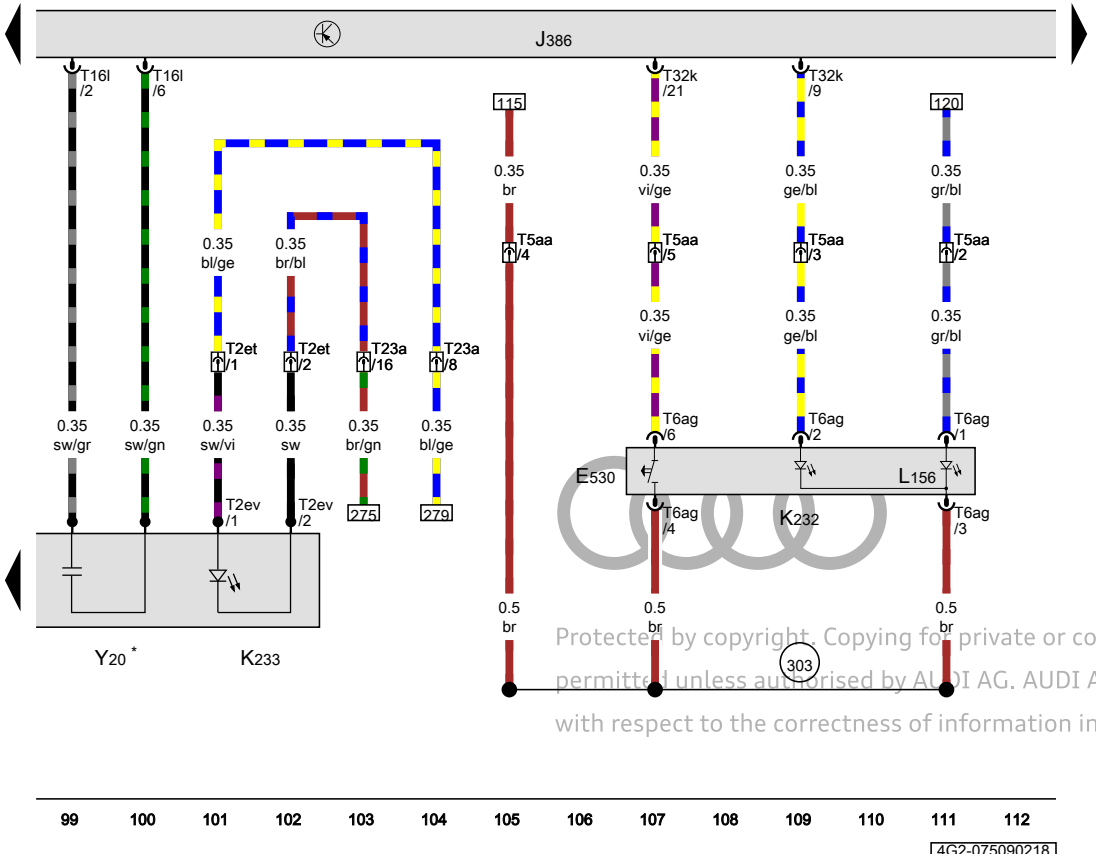


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Button for lane change assist, Driver door control unit, Lane change assist warning lamp in driver side exterior mirror

E530	Button for lane change assist
J386	Driver door control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L156	Switch illumination bulb
T2et	2-pin connector, in driver door
T2ev	2-pin connector
T5aa	5-pin connector, in front right door
T6ag	6-pin connector
T16l	16-pin connector
T23a	23-pin connector, on right A-pillar
T32k	32-pin connector
Y20	Automatic anti-dazzle exterior mirror, driver side
303	Earth connection 3, in drive side door wiring harness
*	For models with automatic anti-dazzle exterior mirror



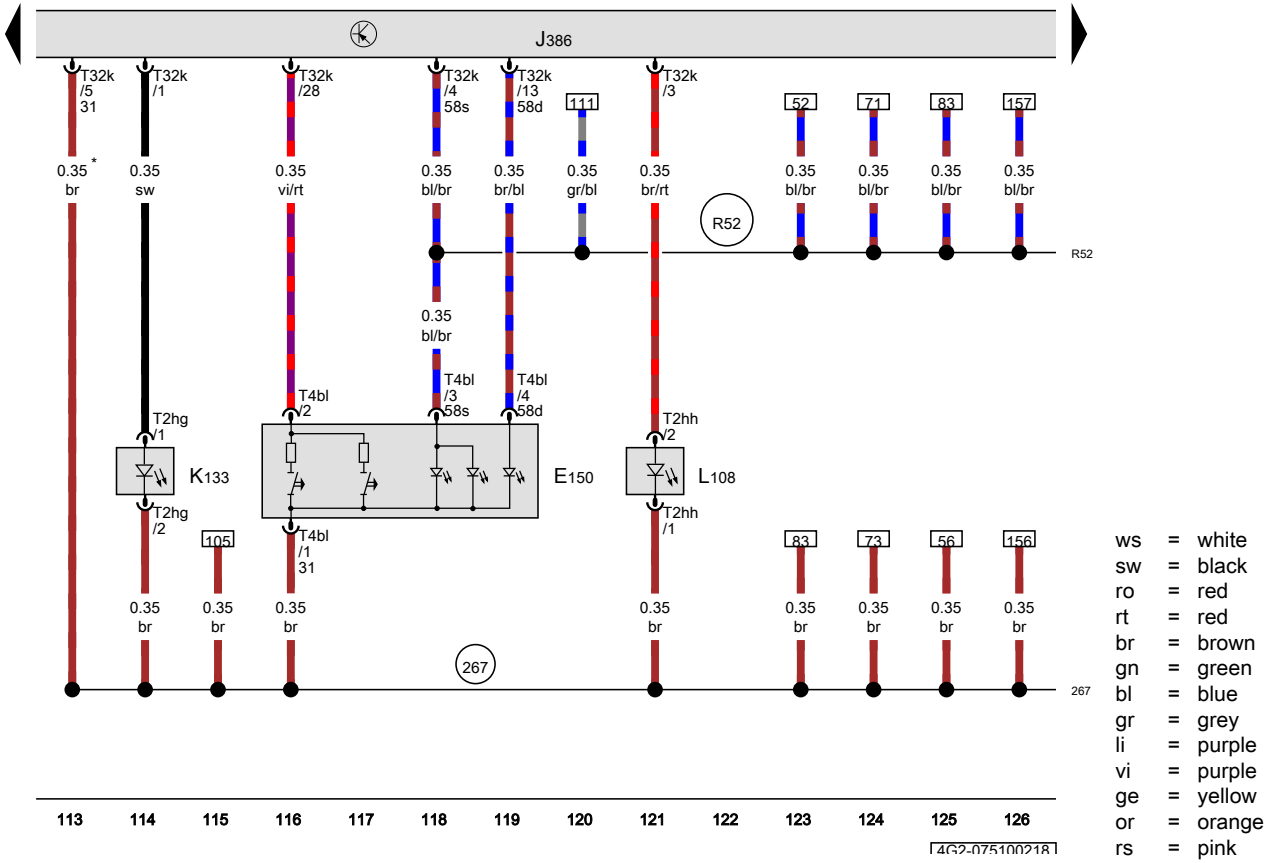
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Driver side interior locking switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb

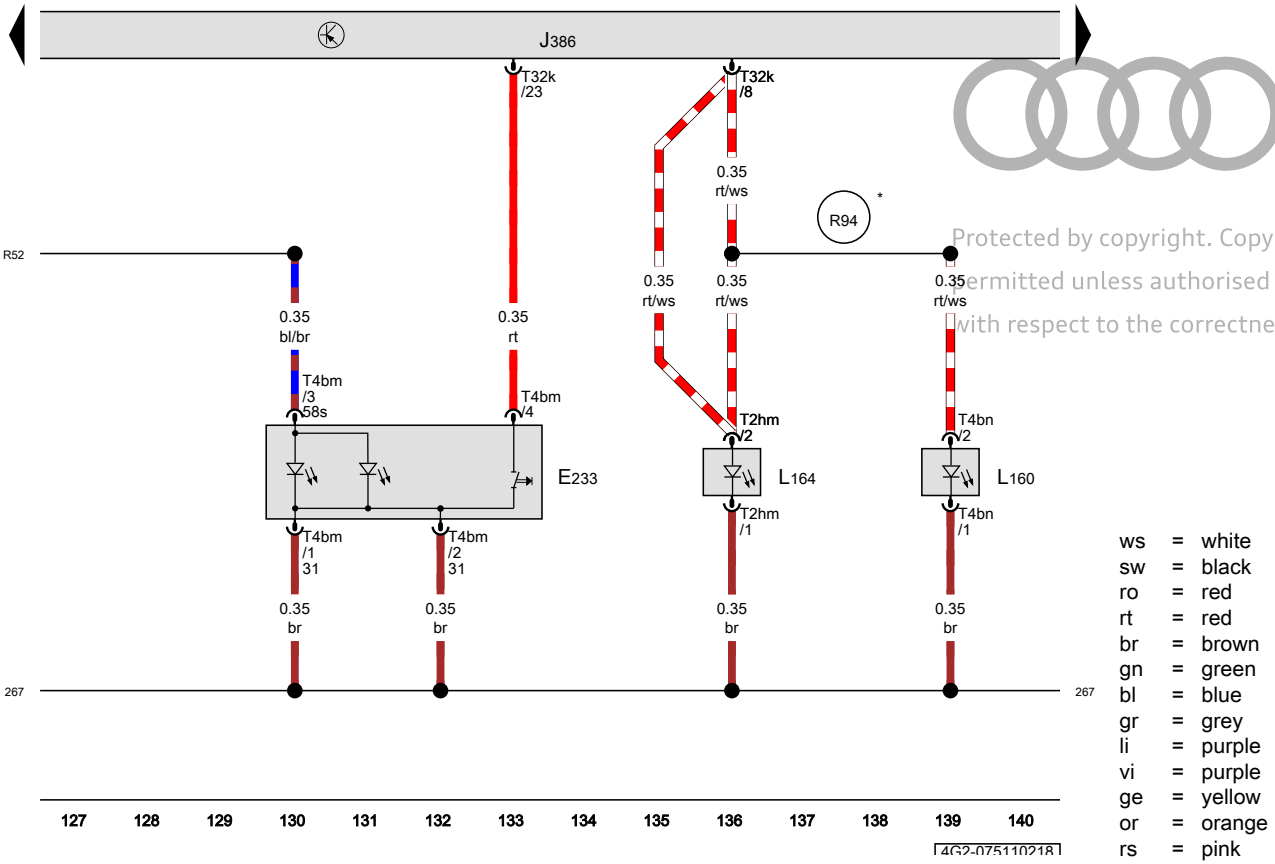
E150	Driver side interior locking switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
T2hg	2-pin connector
T2hh	2-pin connector
T4bl	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Output for switch earth



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br	=	brown
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Rear lid remote release button, Driver door control unit, Driver door storage compartment illumination bulb, Driver door background lighting bulb

E233	Rear lid remote release button
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door background lighting bulb
T2hm	2-pin connector
T4bm	4-pin connector
T4bn	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R94	Connection 1 in driver side door wiring harness
*	For models with additional lights

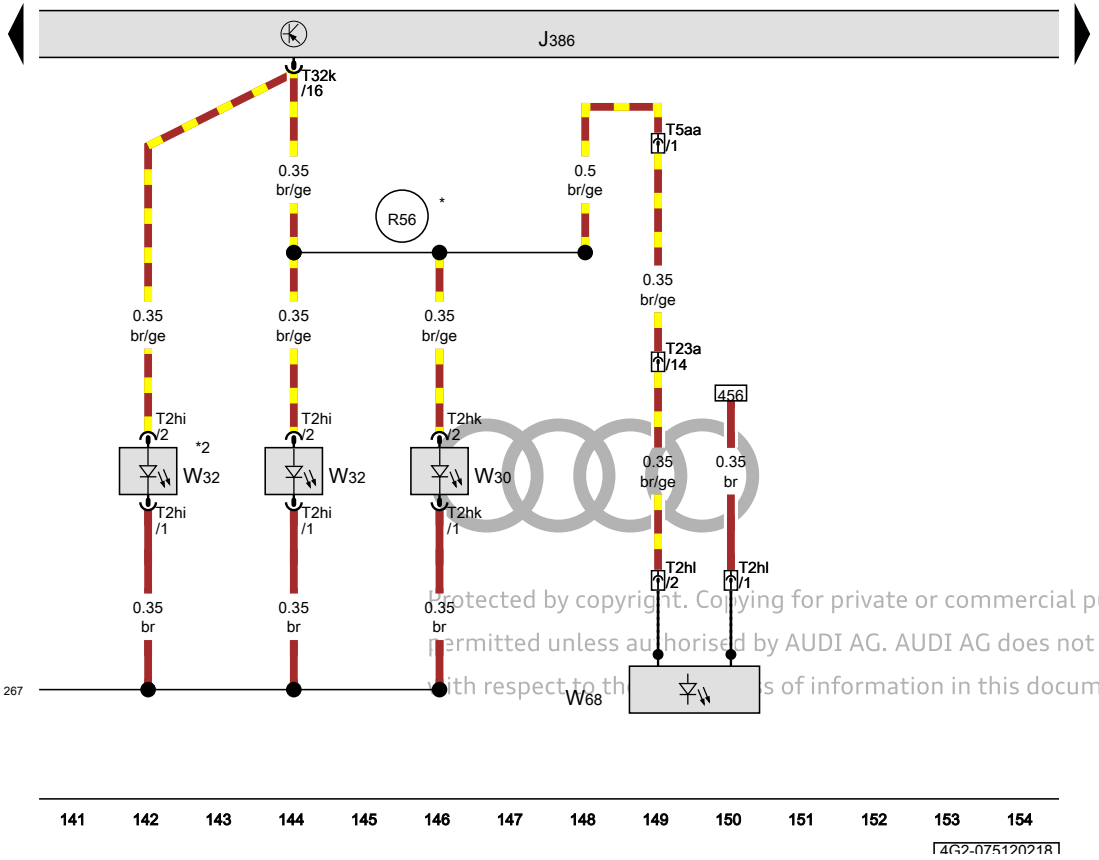


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Driver door control unit, Driver side door warning lamp, Front right entry light, Light conductor for front right sill panel moulding background lighting

J386	Driver door control unit
T2hi	2-pin connector
T2hk	2-pin connector
T2hl	2-pin connector
T5aa	5-pin connector, in front right door
T23a	23-pin connector, on right A-pillar
T32k	32-pin connector
W30	Driver side door warning lamp
W32	Front right entry light
W68	Light conductor for front right sill panel moulding background lighting
267	Earth connection 2, in drive side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	For models with additional lights
*2	For models with no additional lights



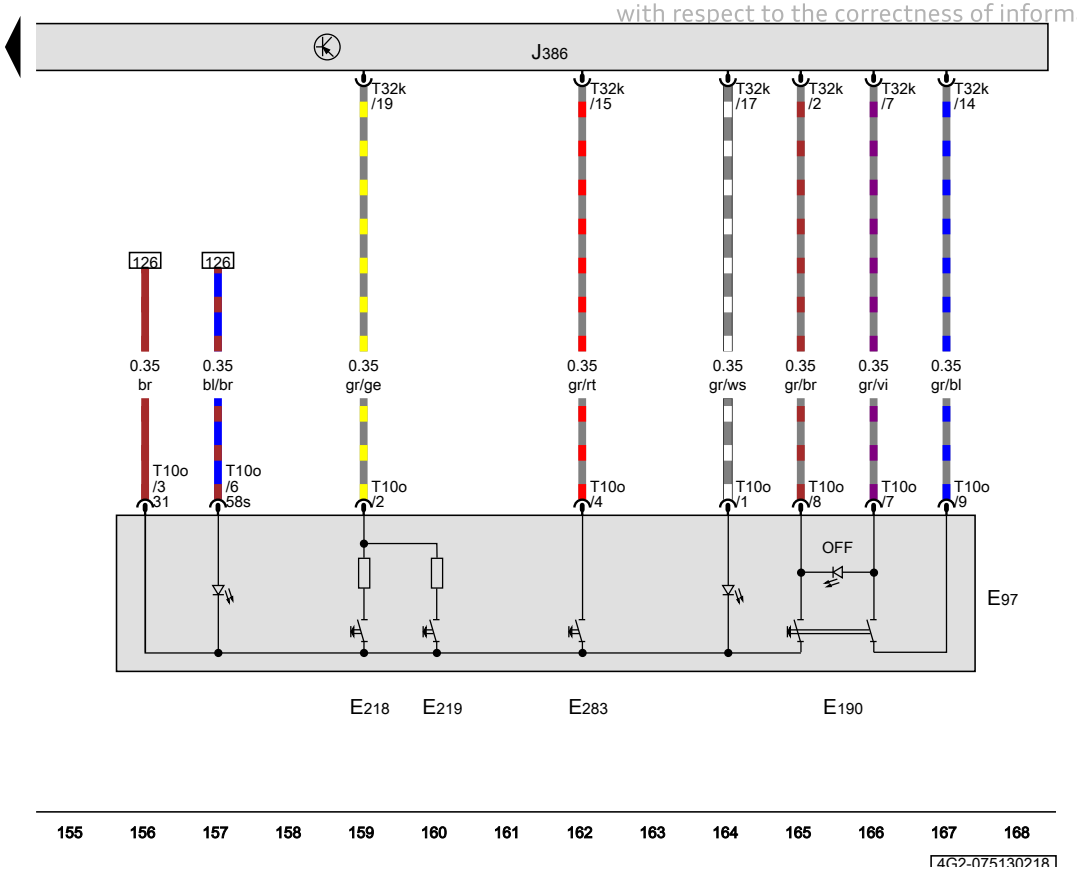
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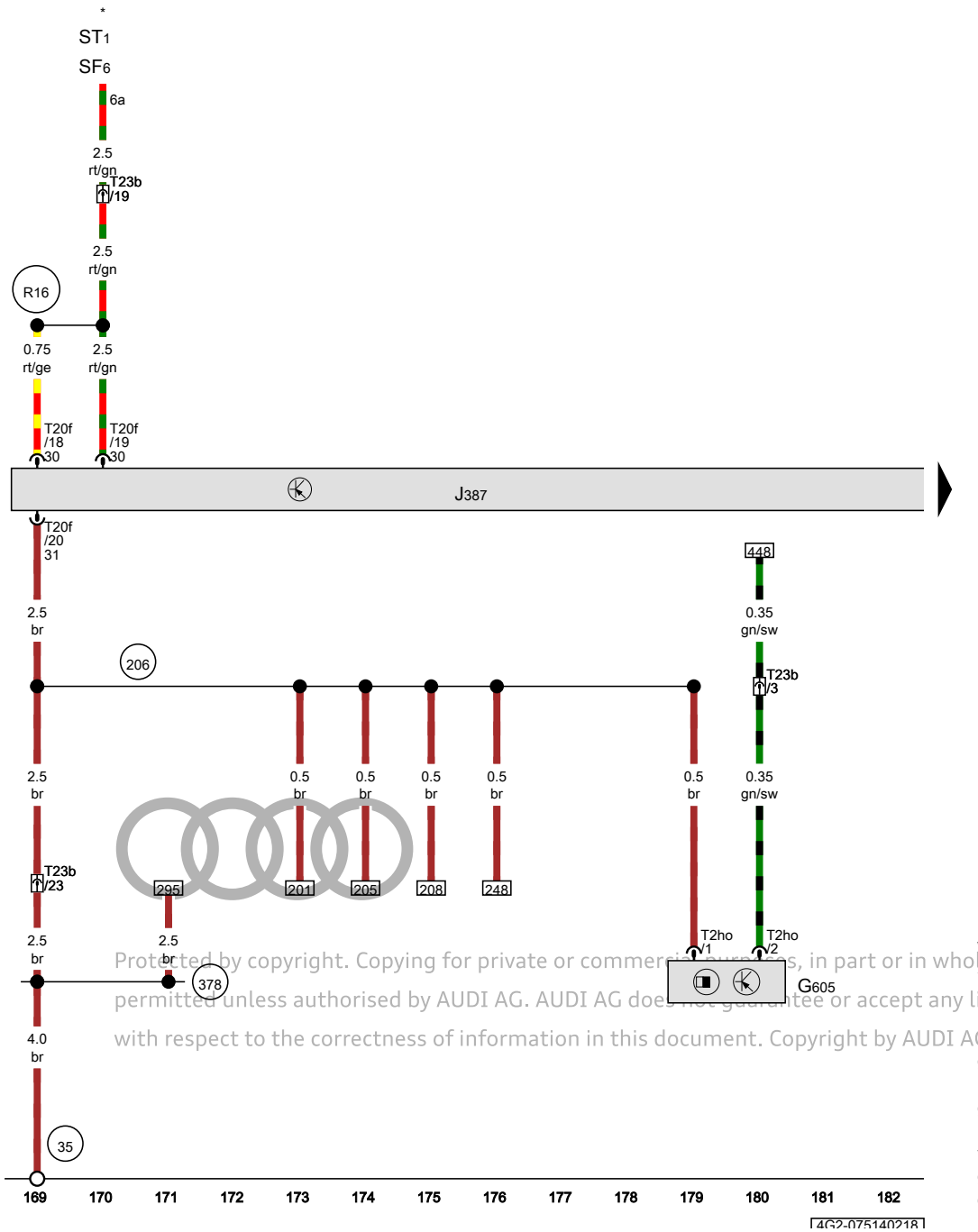
Driver seat memory operating unit, Emergency-off button, Seat memory position button 1, Driver seat memory function button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T32k	32-pin connector

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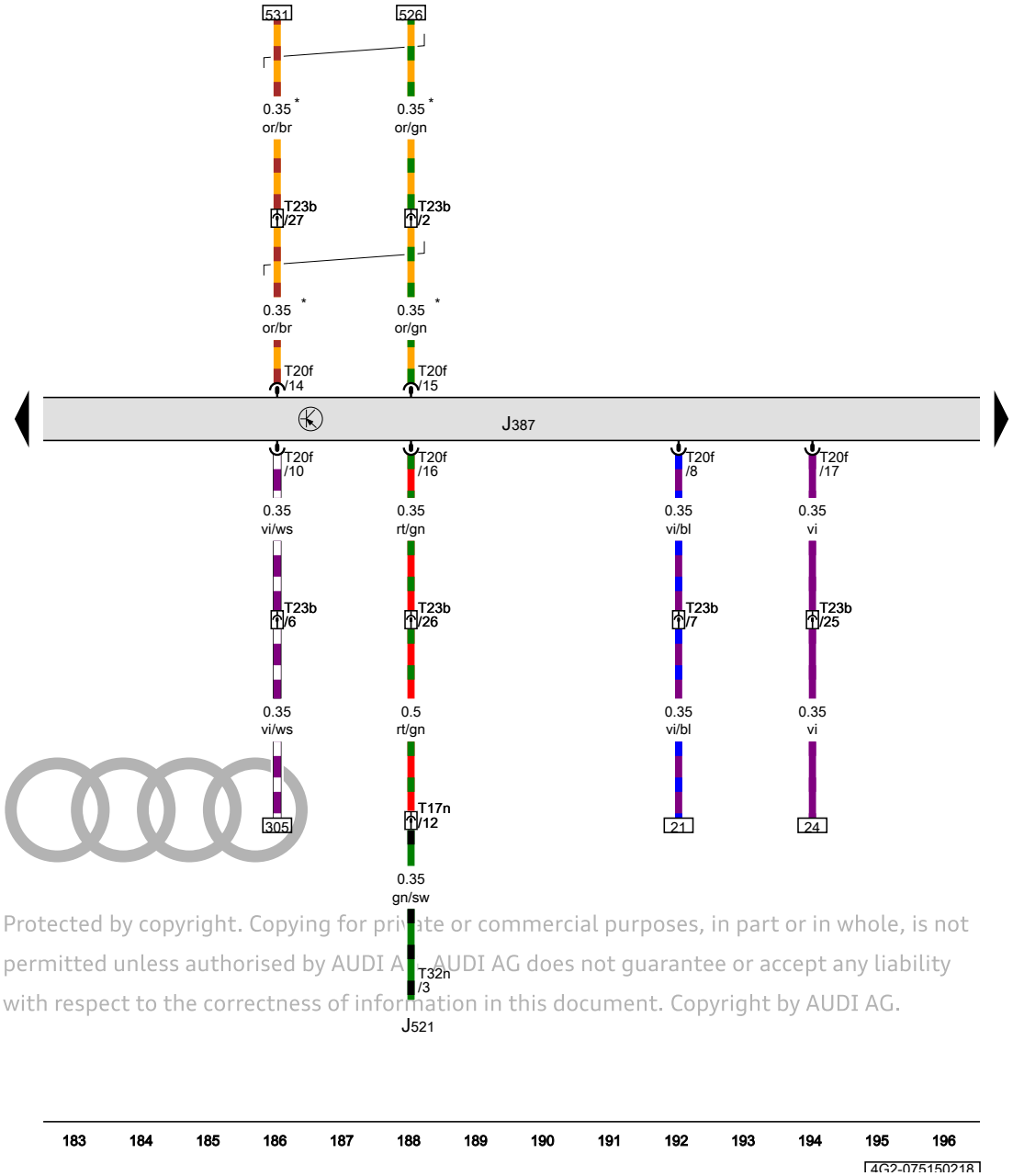
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Contact sensor for front left exterior door handle, Front passenger door control unit

G605	Contact sensor for front left exterior door handle
J387	Front passenger door control unit
ST1	Fuse carrier 1
SF6	Fuse 6 in fuse holder F
T2ho	2-pin connector
T20f	20-pin connector
T23b	23-pin connector, on left A-pillar
35	Earth point, under front passenger seat
206	Earth connection, in front passenger door wiring harness
378	Earth connection 13, in main wiring harness
R16	Positive connection 1 (30), in front passenger door wiring harness
*	see applicable current flow diagram for fuse assignment

Front passenger door control unit

J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
T17n	17-pin connector, in coupling point for front seat, left
T20f	20-pin connector
T23b	23-pin connector, on left A-pillar
T32n	32-pin connector
*	Data bus wire (CAN bus)

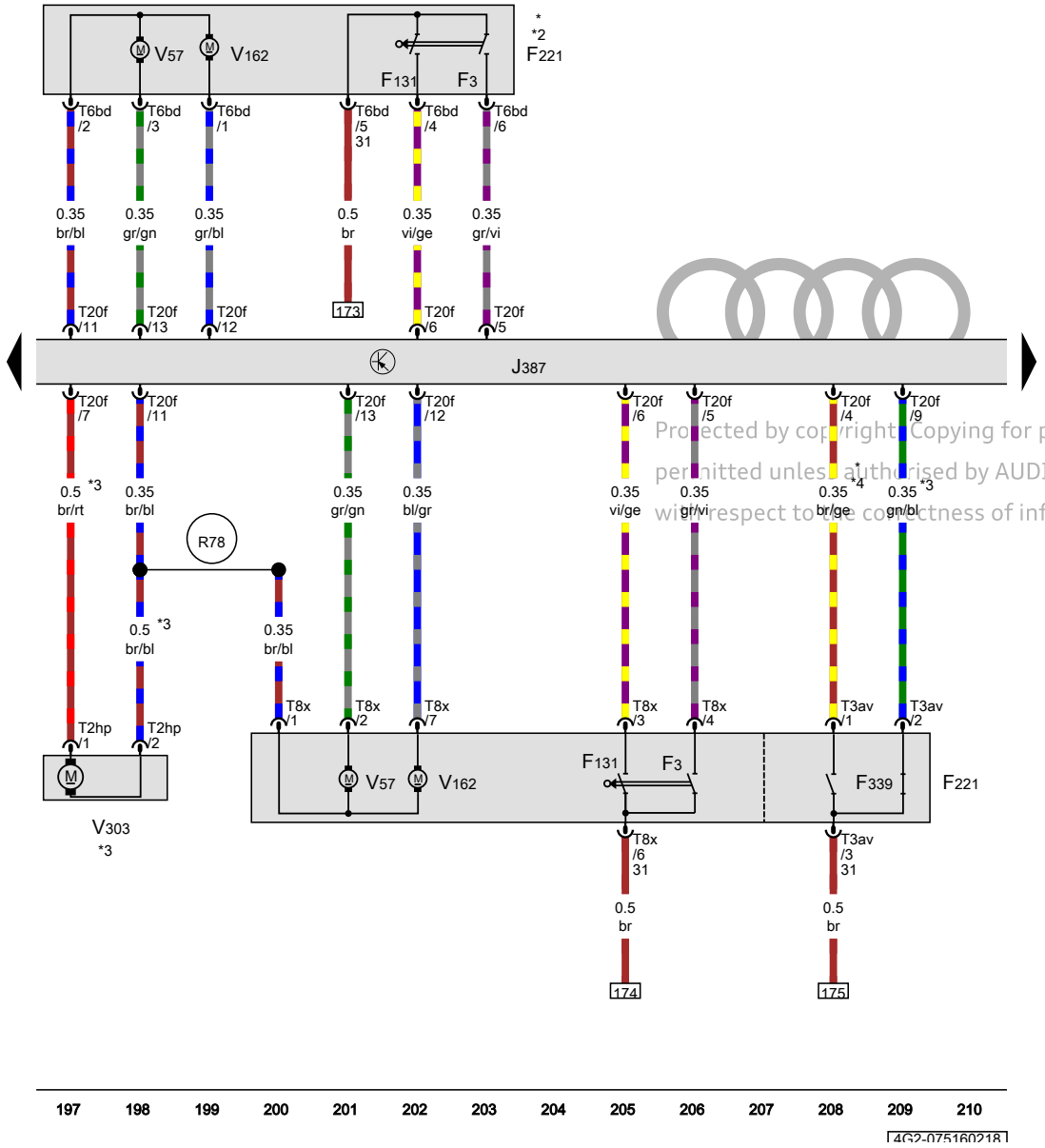


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Front passenger side central locking lock unit, Front passenger door control unit, Front passenger door power latching motor

F3	Front passenger door contact switch
F131	Front left central locking actuator
F221	Front passenger side central locking lock unit
F339	Front passenger door power latching system contact switch
J387	Front passenger door control unit
T2hp	2-pin connector
T3av	3-pin connector
T6bd	6-pin connector
T8x	8-pin connector
T20f	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
V303	Front passenger door power latching motor
R78	Connection 1 (door contact switch), in passenger side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	For models with power latching system
*4	For models with adaptive cruise control (ACC)



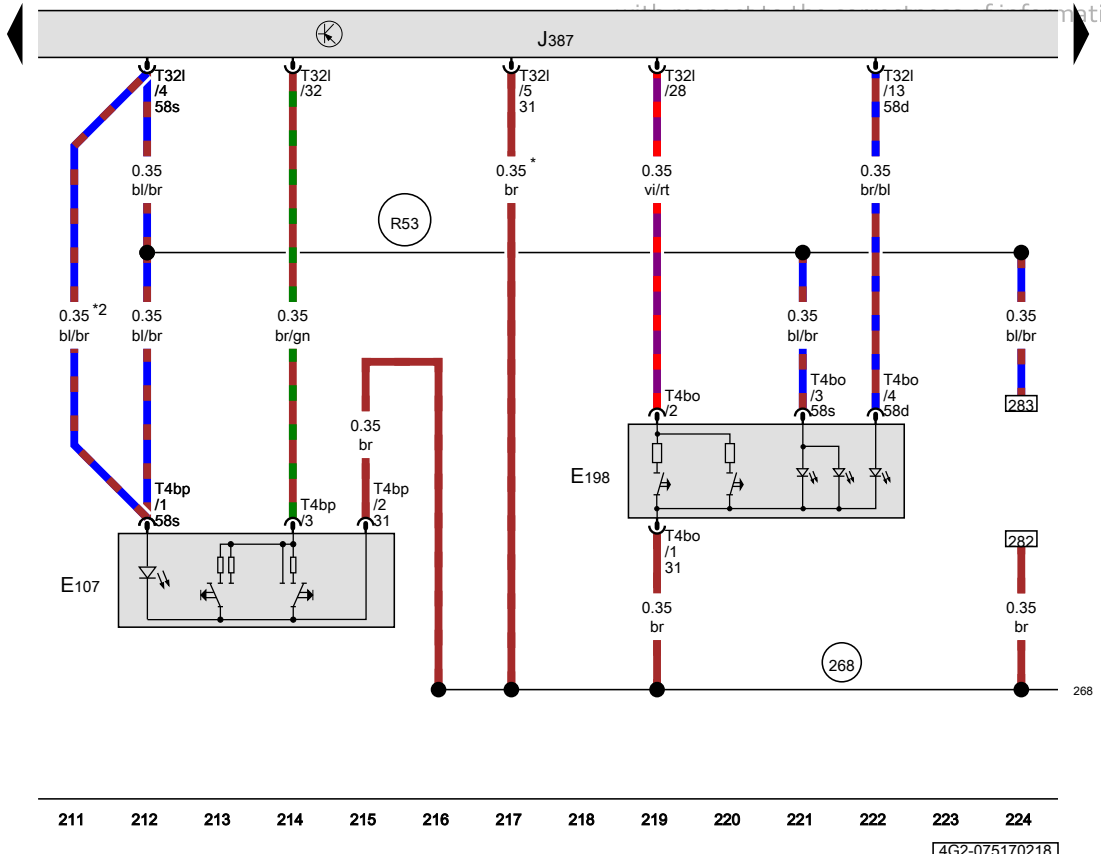
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Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
T4bo	4-pin connector
T4bp	4-pin connector
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Output for switch earth
*2	Electrically adjustable driver and front passenger seats with memory function

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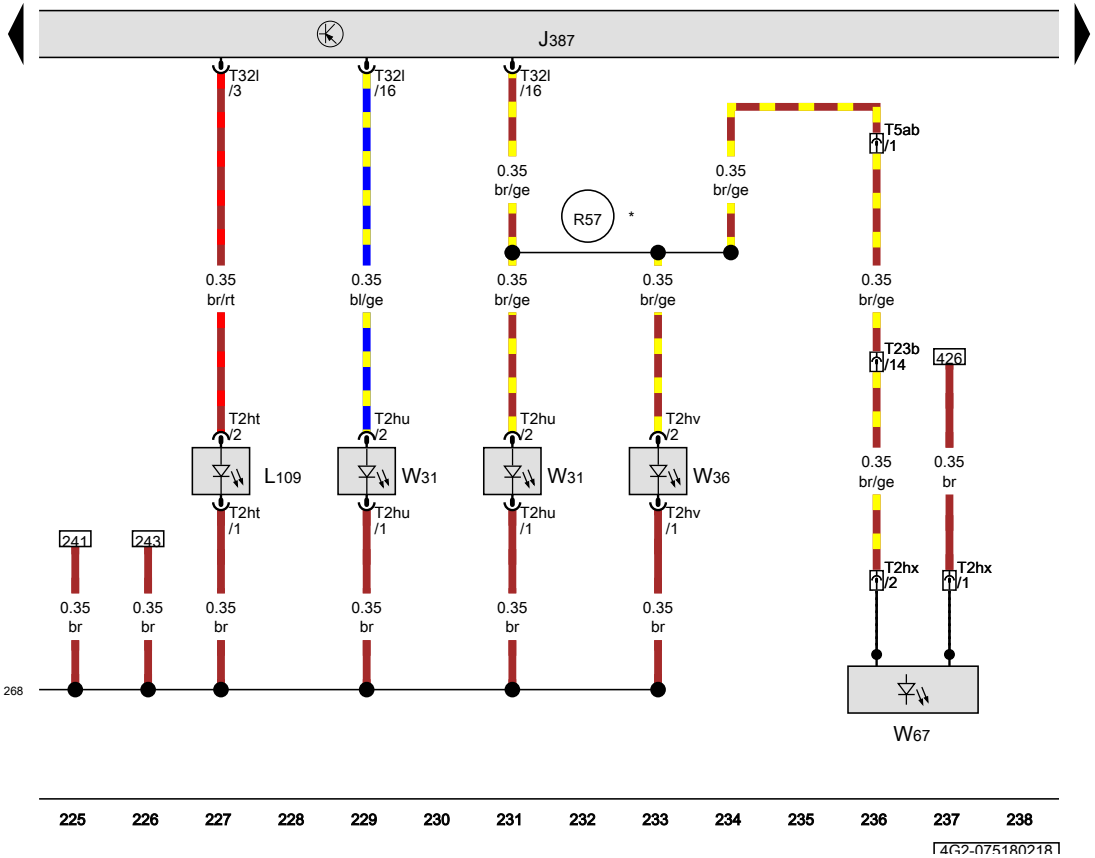


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rs	=	pink

Front passenger door control unit, Front passenger door opener illumination bulb, Front left entry light, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T2ht	2-pin connector
T2hu	2-pin connector
T2hv	2-pin connector
T2hx	2-pin connector
T5ab	5-pin connector, in front left door
T23b	23-pin connector, on left A-pillar
T32l	32-pin connector
W31	Front left entry light
W36	Front passenger side door warning lamp
W67	Light conductor for front left sill panel moulding background lighting
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	For models with additional lights

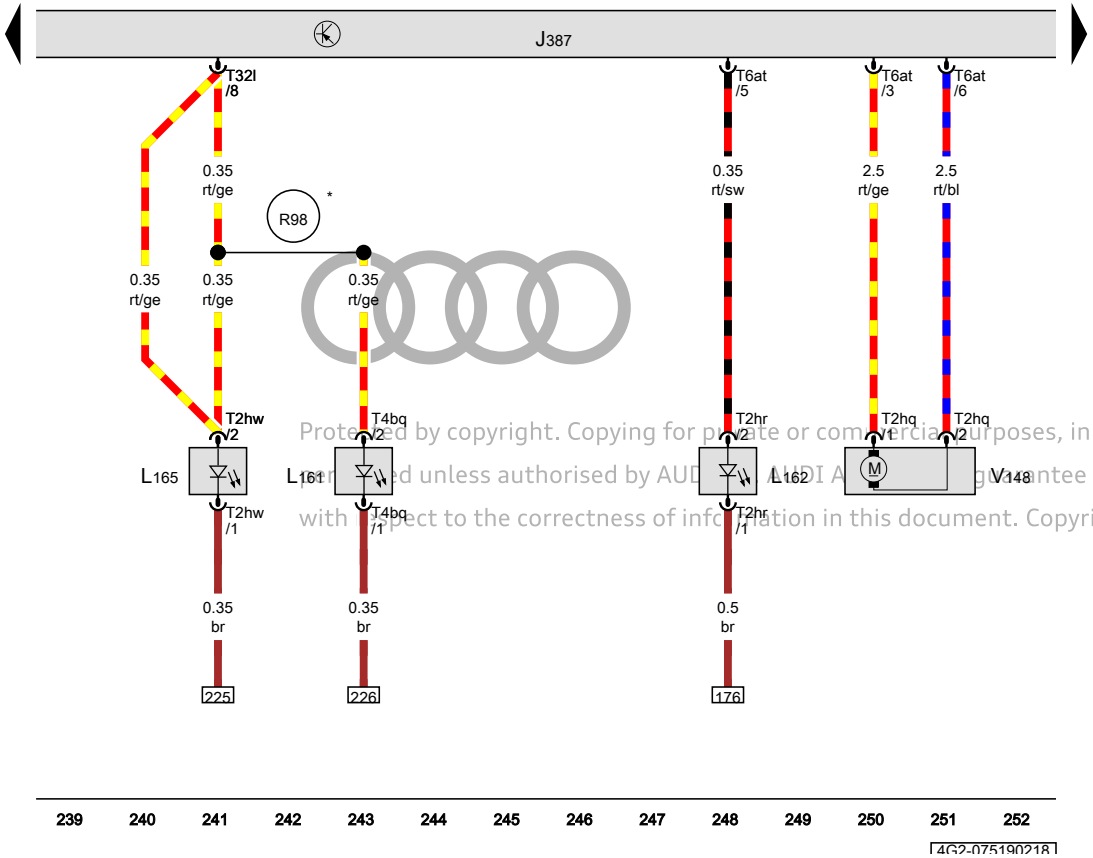
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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front left exterior door handle illumination bulb, Front passenger door background lighting bulb, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L162	Front left exterior door handle illumination bulb
L165	Front passenger door background lighting bulb
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T4bq	4-pin connector
T6at	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
R98	Connection 1 in front passenger side door wiring harness
*	For models with additional lights
*2	For models with no additional lights

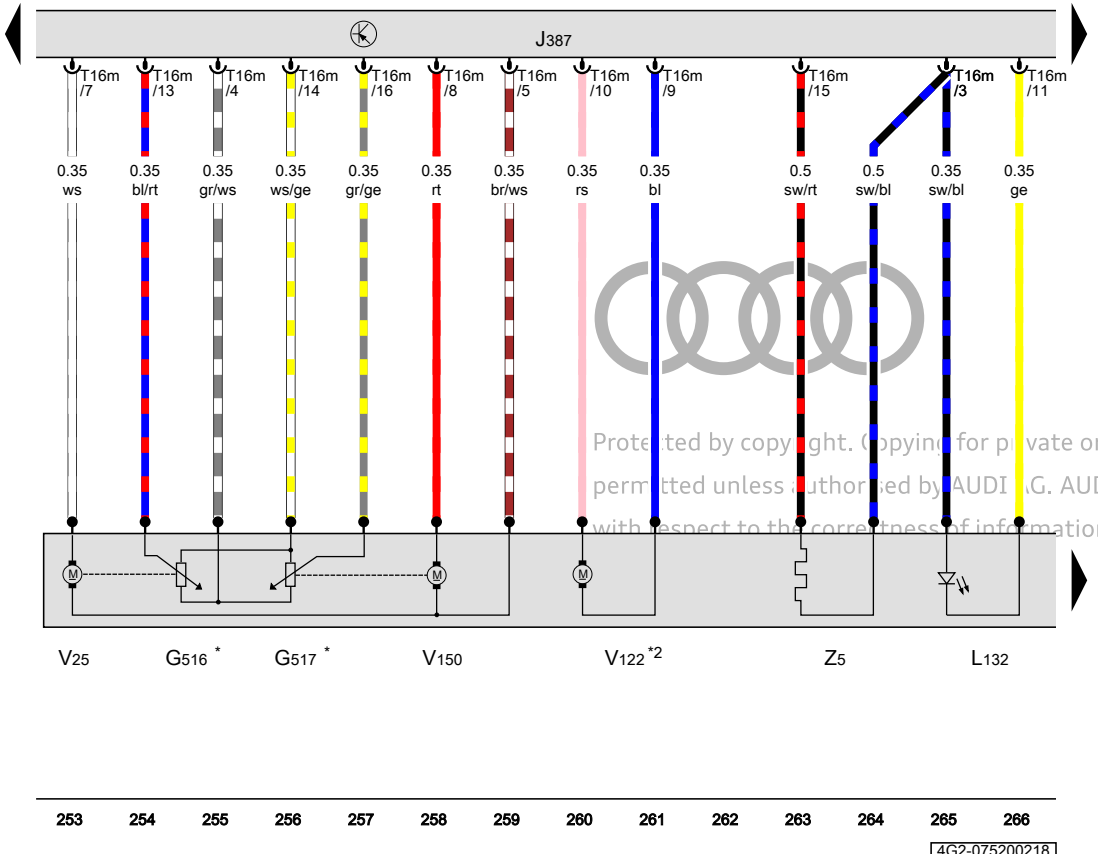


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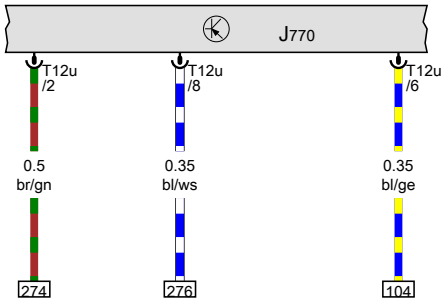
Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Heated exterior mirror on passenger side

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16m	16-pin connector
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
*	Optional equipment
*2	For models with fold-in mirror



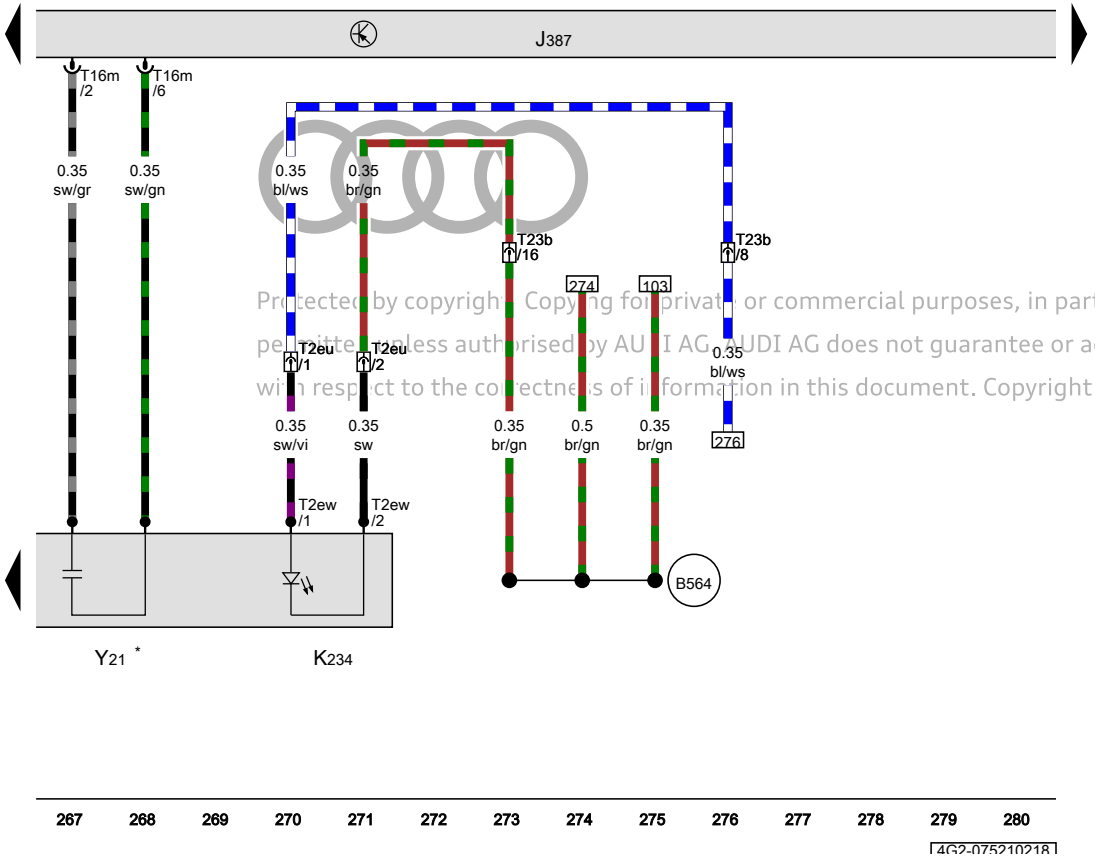
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Front passenger door control unit, Lane change assist control unit 2, Automatic anti-dazzle exterior mirror, passenger side

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
T2eu	2-pin connector, in front passenger door
T2ew	2-pin connector
T12u	12-pin connector
T16m	16-pin connector
T23b	23-pin connector, on left A-pillar
Y21	Automatic anti-dazzle exterior mirror, passenger side
B564	Connection 31, in main wiring harness
*	For models with automatic anti-dazzle exterior mirror



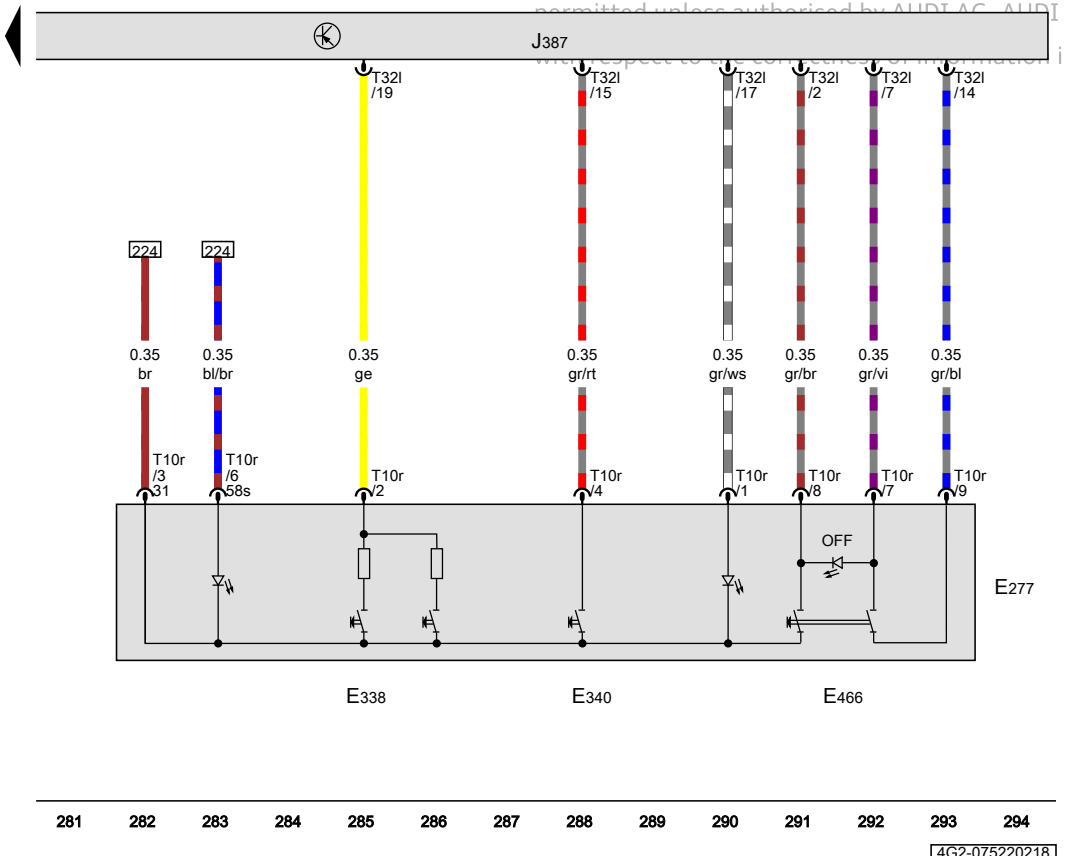
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Front passenger seat memory operating unit, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T32l	32-pin connector

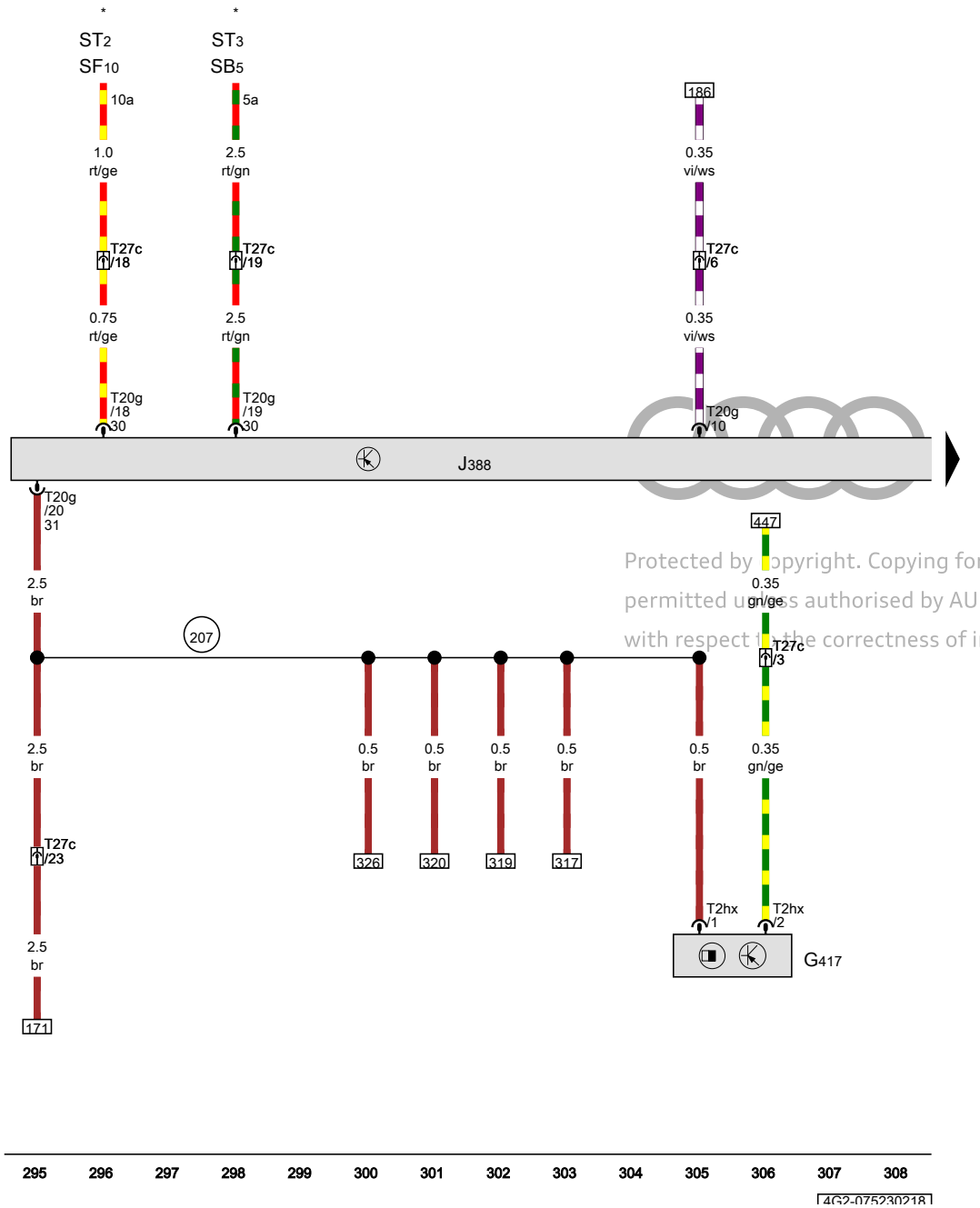
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Contact sensor for rear left exterior door handle, Rear left door control unit

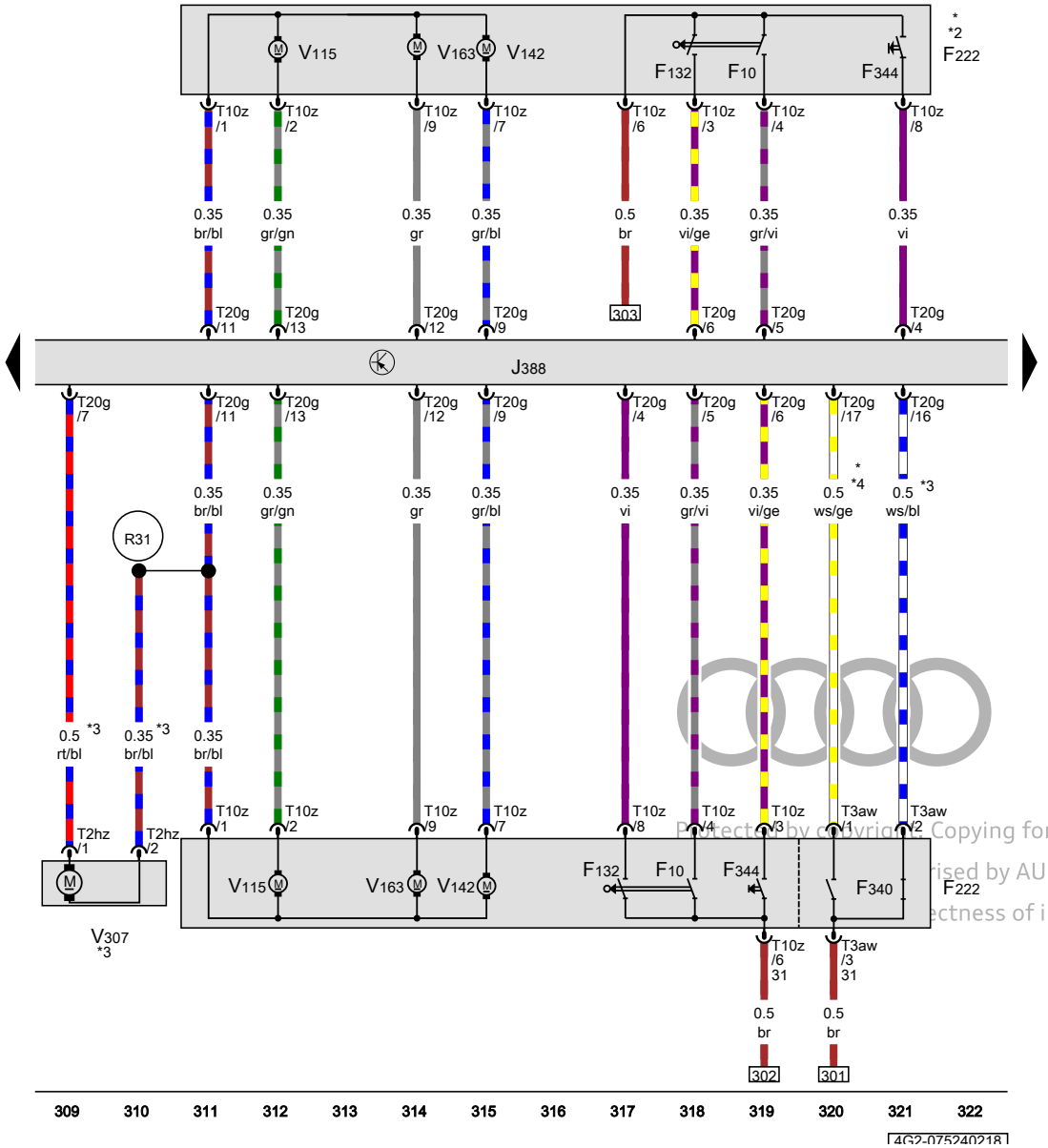
G417	Contact sensor for rear left exterior door handle
J388	Rear left door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
SF10	Fuse 10 in fuse holder F
T2hx	2-pin connector
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
207	Earth connection, in rear left door wiring harness
*	see applicable current flow diagram for fuse assignment



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Rear left central locking lock unit, Rear left door control unit, Rear left power latching motor



F10 Rear left door contact switch
F132 Rear left central locking actuator
F222 Rear left central locking lock unit
F340 Rear left door power latching system contact switch
F344 Rear left childproof lock contact switch
J388 Rear left door control unit
T2hz 2-pin connector
T3aw 3-pin connector
T10z 10-pin connector
T20g 20-pin connector
V115 Rear left door central locking motor
V142 Rear left childproof lock motor
V163 Rear left door central locking SAFELOCK function motor
V307 Rear left power latching motor

R31 Connection 1, in rear left door wiring harness

* For models with no power latching system
*2 For models with no adaptive cruise control (ACC)
*3 For models with power latching system
*4 For models with adaptive cruise control (ACC)

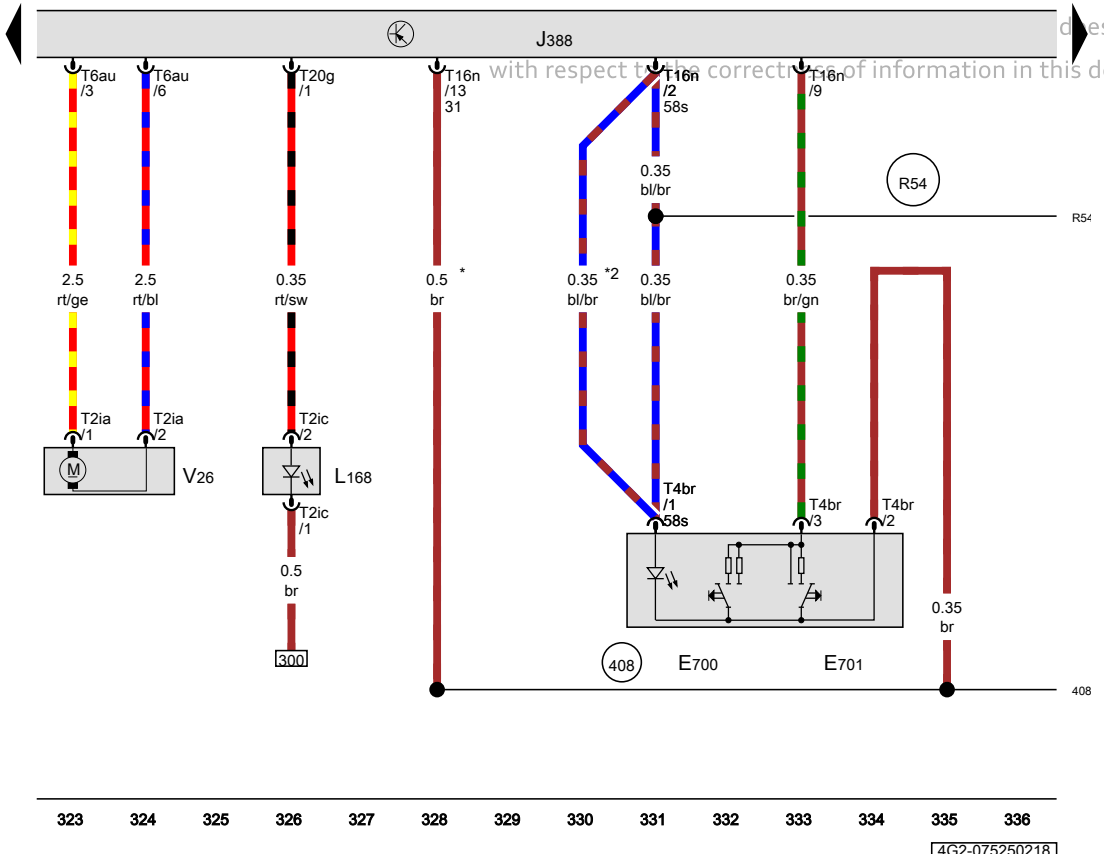
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Rear left window regulator button in rear left door, Rear left door control unit, Rear left exterior door handle illumination bulb, Rear left window regulator motor

E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
J388	Rear left door control unit
L168	Rear left exterior door handle illumination bulb
T2ia	2-pin connector
T2ic	2-pin connector
T4br	4-pin connector
T6au	6-pin connector
T16n	16-pin connector
T20g	20-pin connector
V26	Rear left window regulator motor
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Output for switch earth
*2	For models with no additional lights

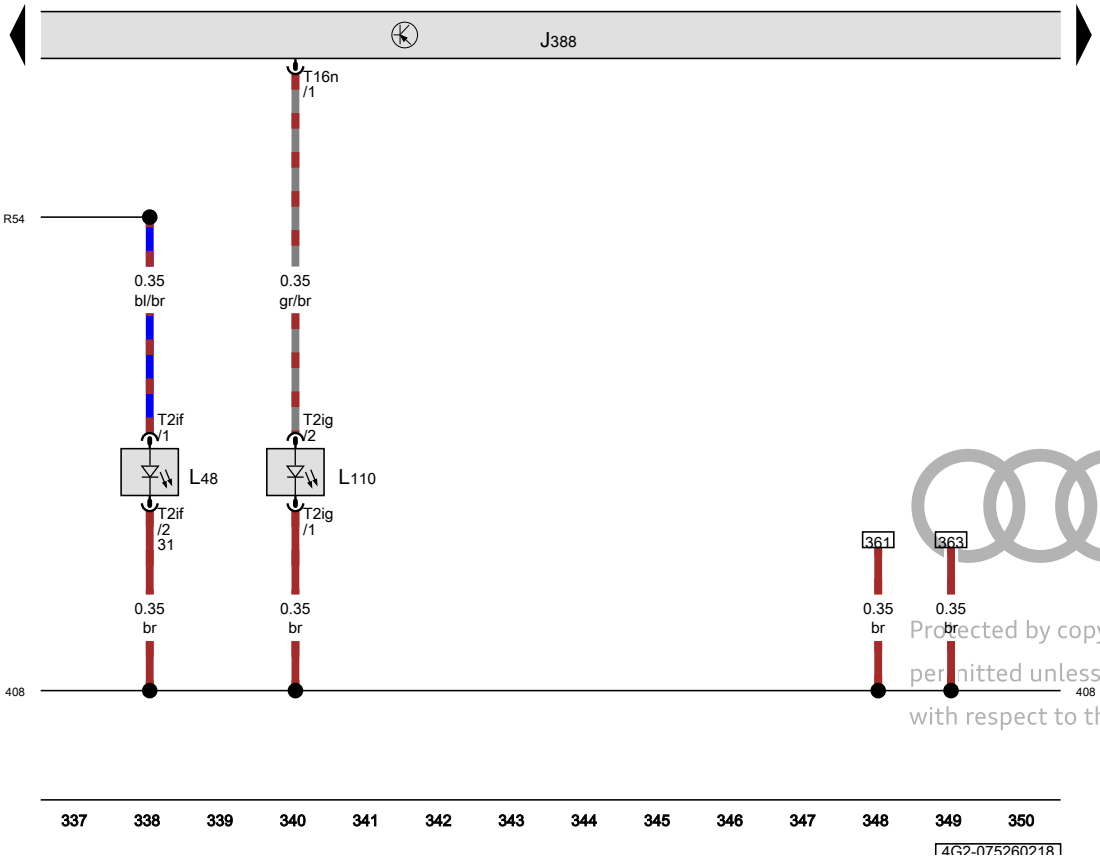
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Rear left door control unit, Rear left ashtray illumination bulb, Rear left door opener illumination bulb

J388	Rear left door control unit
L48	Rear left ashtray illumination bulb
L110	Rear left door opener illumination bulb
T2if	2-pin connector
T2ig	2-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness

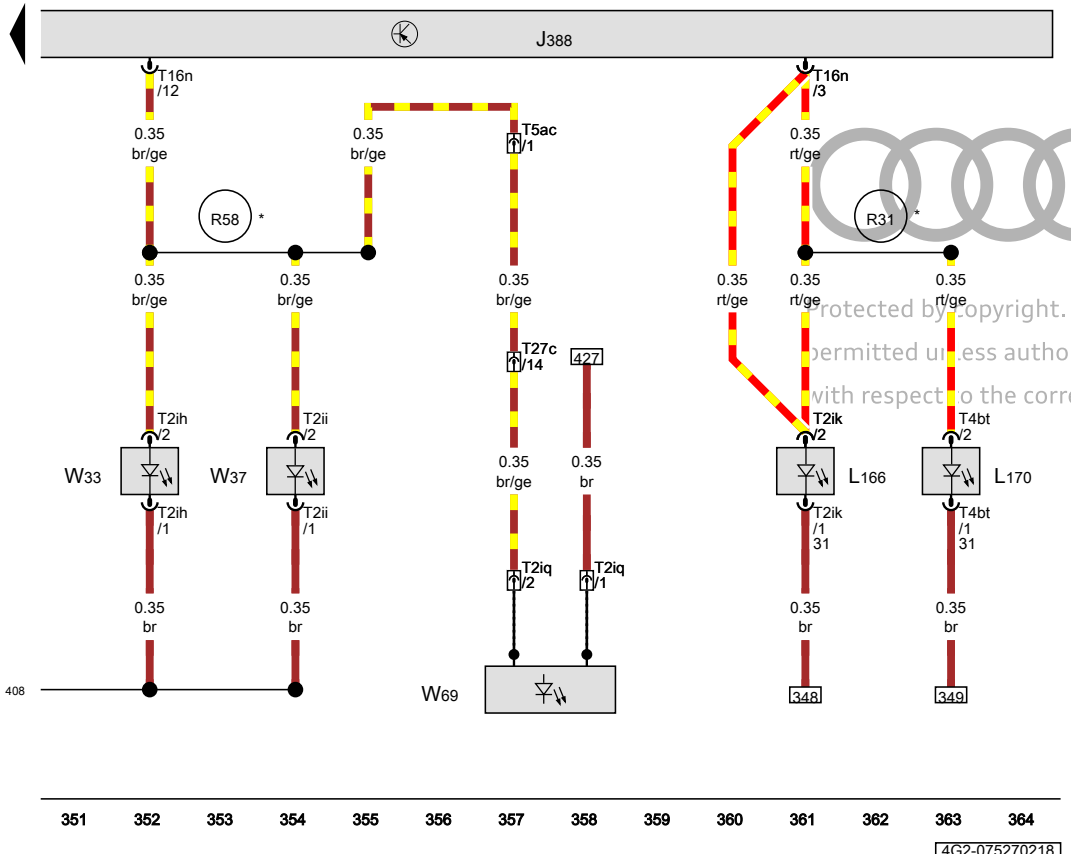


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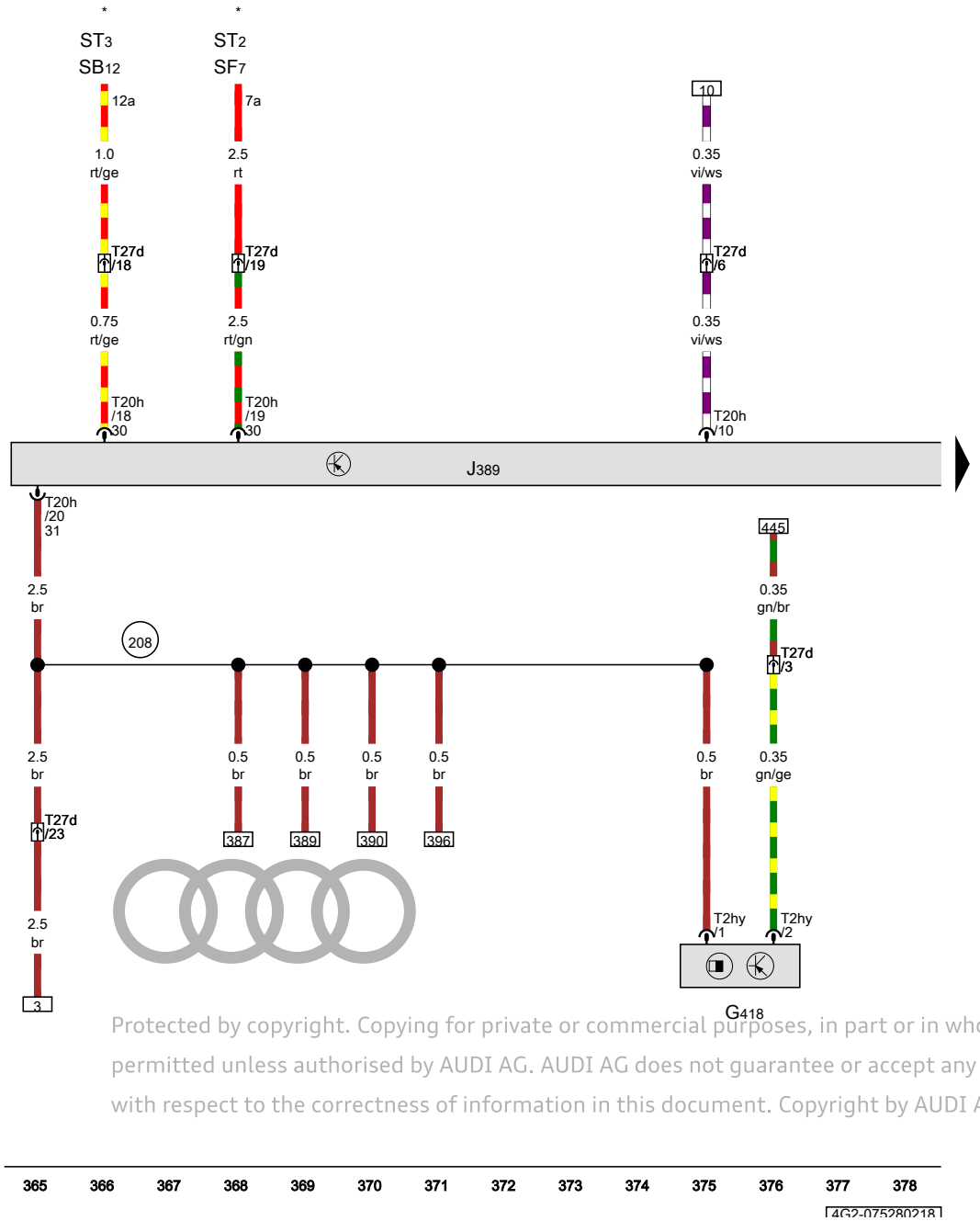
Rear left door control unit, Rear left door background lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp, Light conductor for rear left sill panel moulding background lighting

J388	Rear left door control unit
L166	Rear left door background lighting bulb
L170	Rear left door storage compartment illumination bulb
T2ih	2-pin connector
T2ii	2-pin connector
T2ik	2-pin connector
T2iq	2-pin connector
T4bt	4-pin connector
T5ac	5-pin connector, in rear left door
T16n	16-pin connector
T27c	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
W69	Light conductor for rear left sill panel moulding background lighting
408	Earth connection 3, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	For models with additional lights



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Contact sensor for rear right exterior door handle, Rear right door control unit

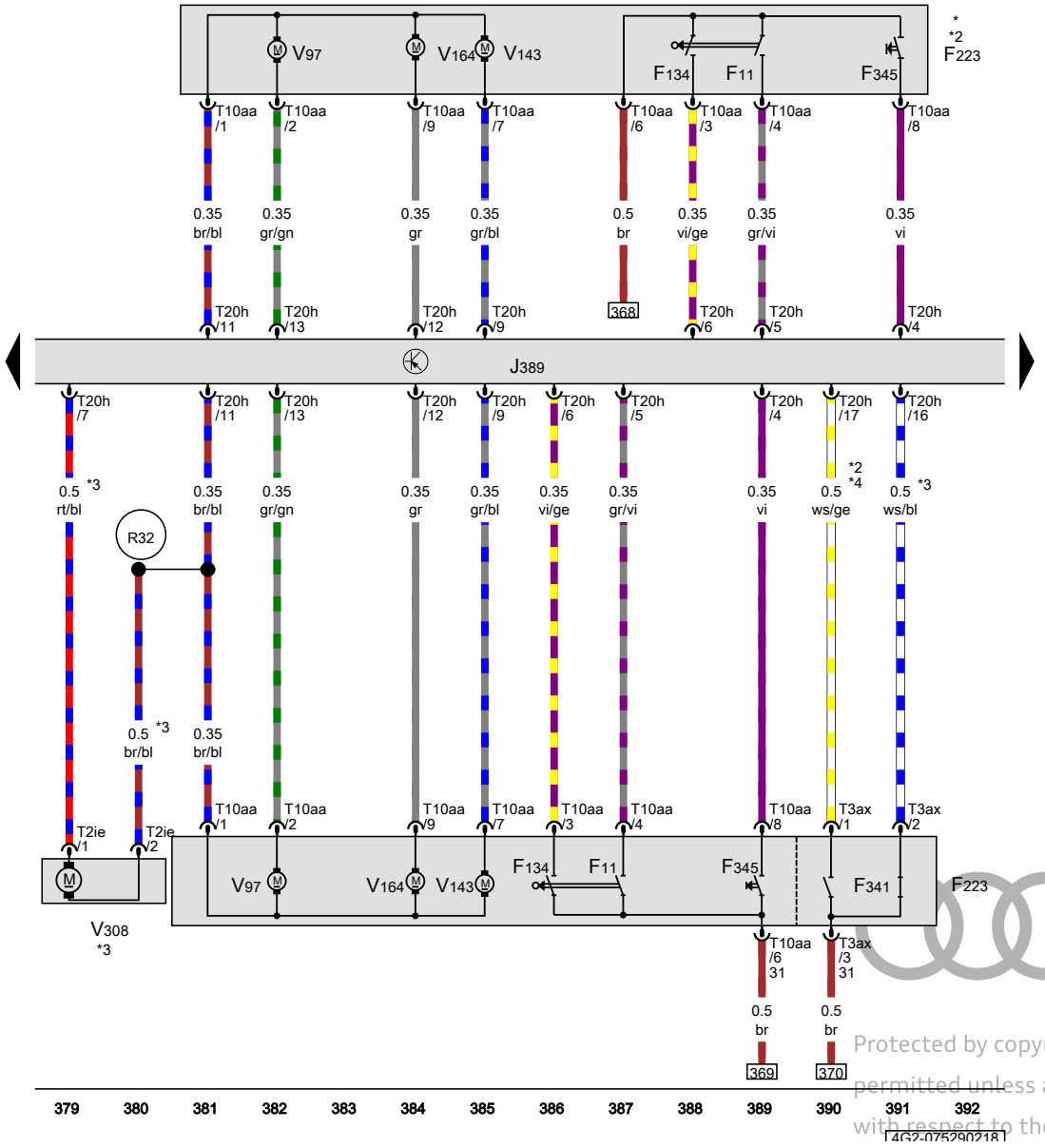
G418	Contact sensor for rear right exterior door handle
J389	Rear right door control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
SB12	Fuse 12 on fuse holder B
T2hy	2-pin connector
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
208	Earth connection, in rear right door wiring harness
*	see applicable current flow diagram for fuse assignment

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Rear right central locking lock unit, Rear right door control unit

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F341	Rear right door power latching system contact switch
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T2ie	2-pin connector
T3ax	3-pin connector
T10aa	10-pin connector
T20h	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
V308	Rear right power latching motor
R32	Connection 2, in rear right door wiring harness

*	For models with no adaptive cruise control (ACC)
*2	For models with no power latching system
*3	For models with power latching system
*4	For models with adaptive cruise control (ACC)

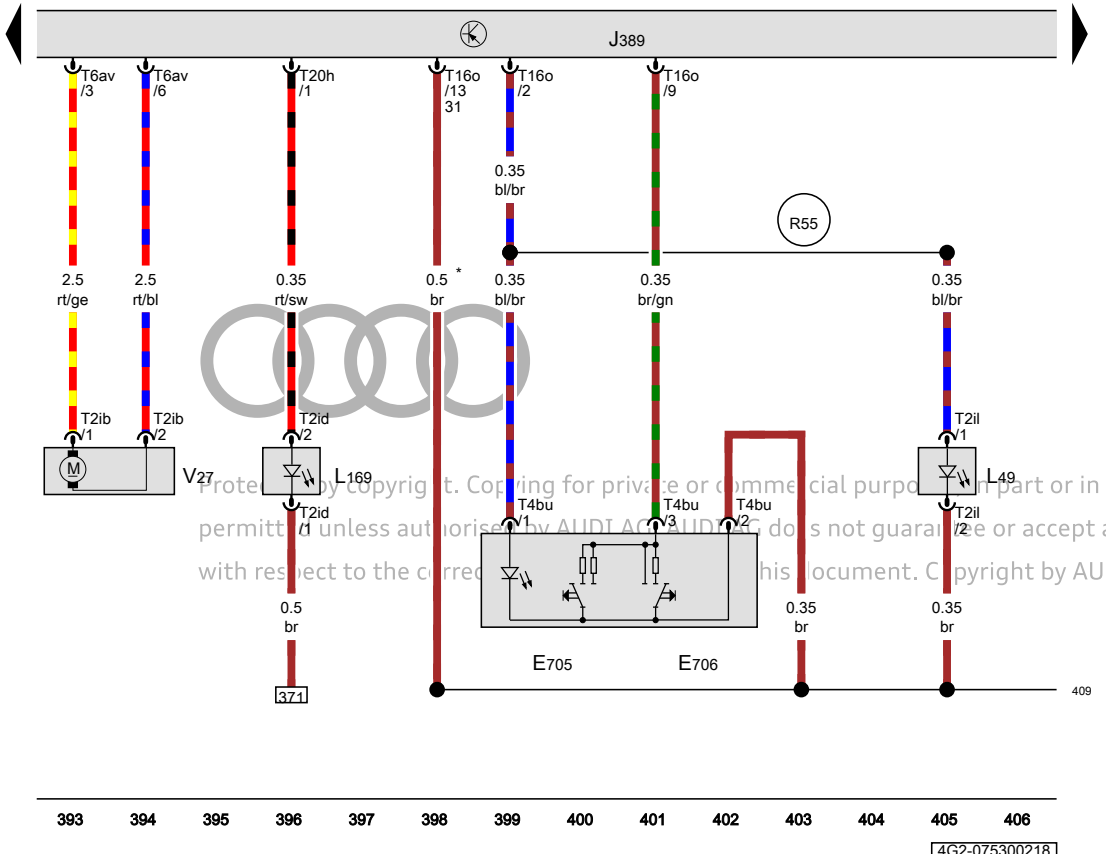


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Rear right window regulator button in rear right door, Rear right door control unit, Rear right ashtray illumination bulb, Rear right exterior door handle illumination bulb, Rear right window regulator motor

E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
J389	Rear right door control unit
L49	Rear right ashtray illumination bulb
L169	Rear right exterior door handle illumination bulb
T2ib	2-pin connector
T2id	2-pin connector
T2il	2-pin connector
T4bu	4-pin connector
T6av	6-pin connector
T16o	16-pin connector
T20h	20-pin connector
V27	Rear right window regulator motor
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Output for switch earth
*2	For models with additional lights



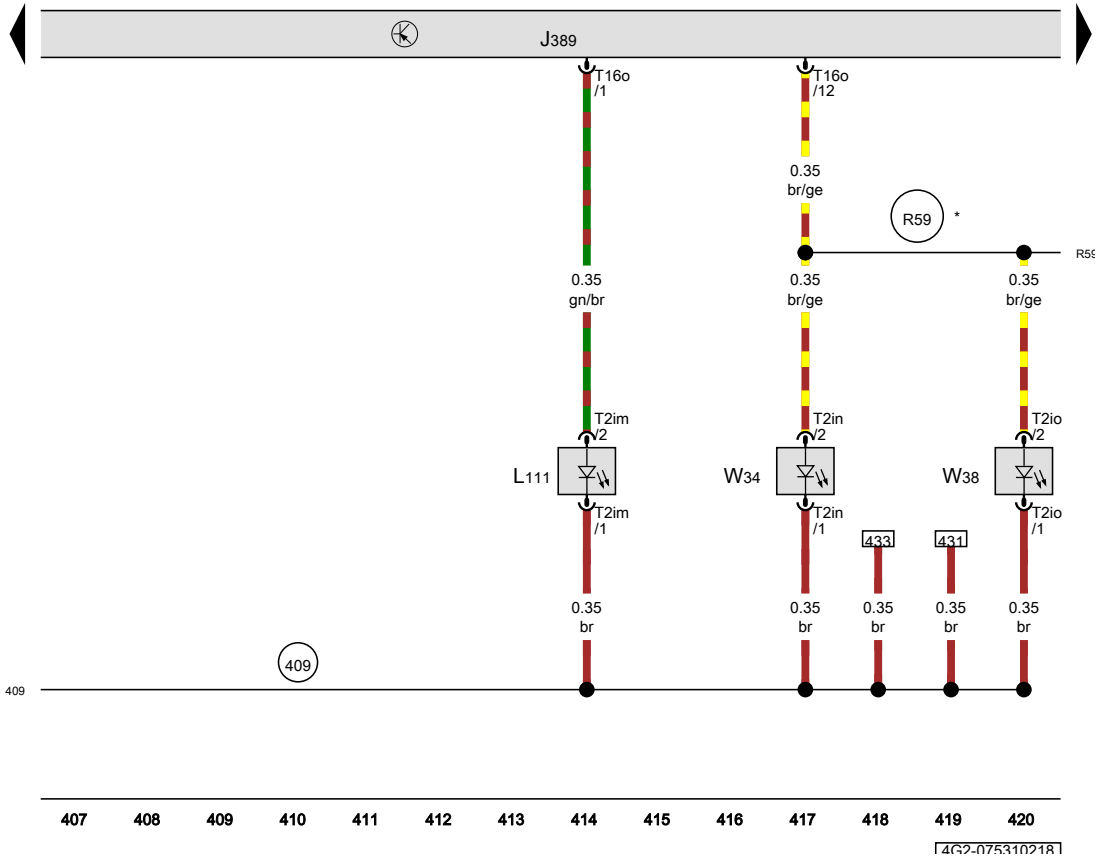
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Rear right door control unit, Rear right door opener illumination bulb, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T16o	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
409	Earth connection 3, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	For models with additional lights

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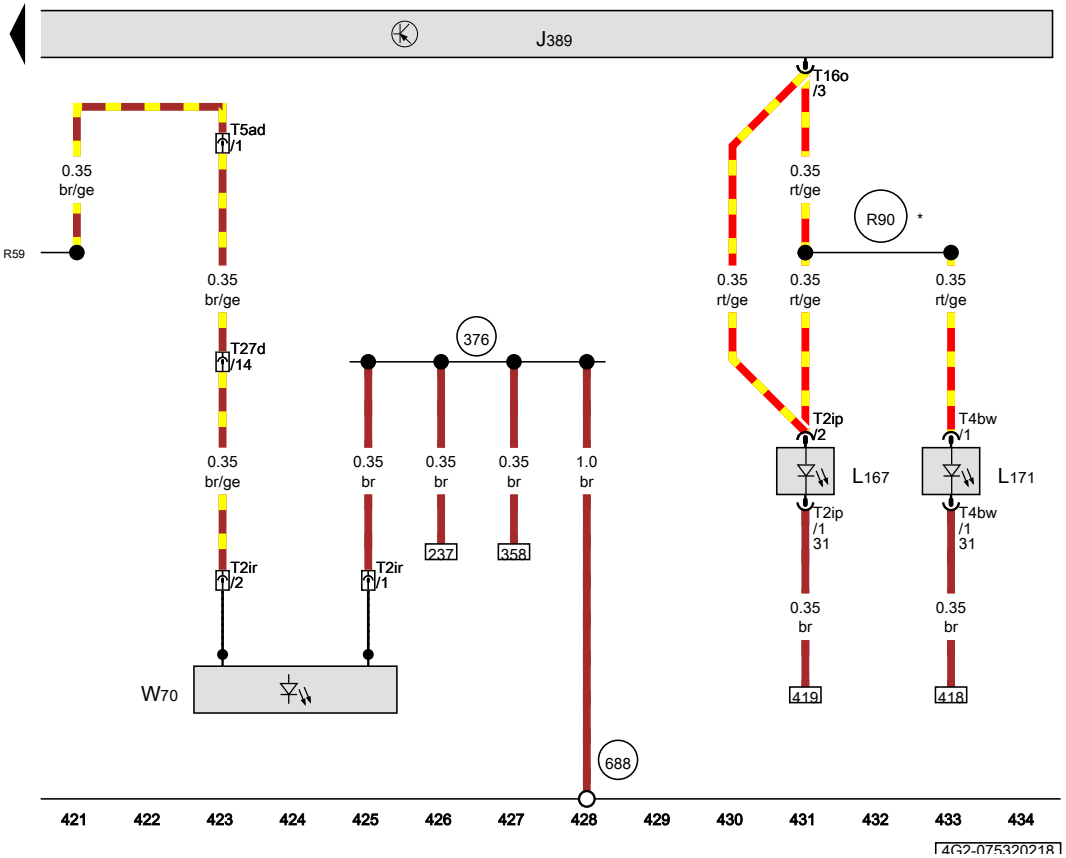


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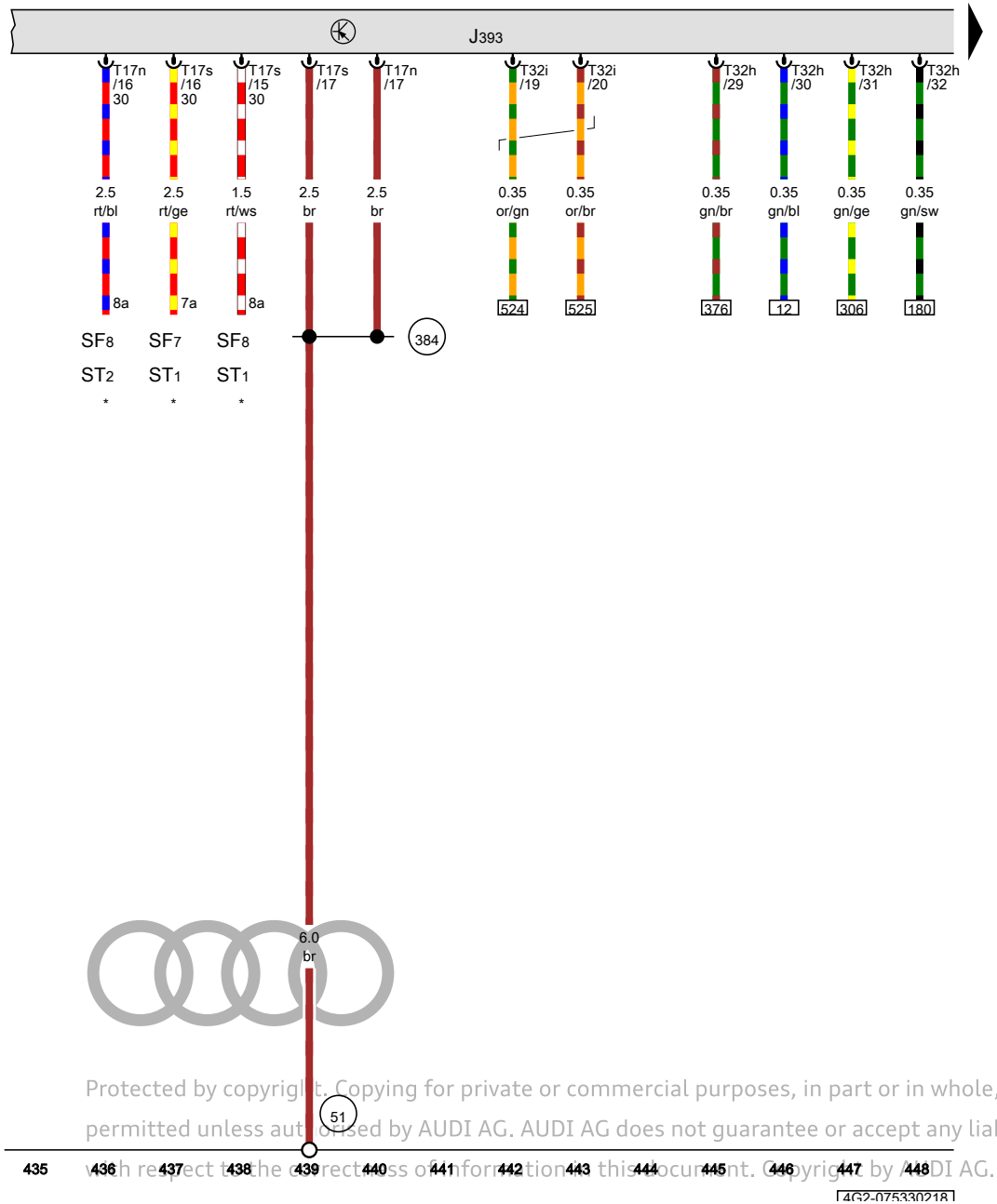
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Rear right door control unit, Rear right door background lighting bulb, Rear right door storage compartment illumination bulb, Light conductor for rear right sill panel moulding background lighting

J389	Rear right door control unit
L167	Rear right door background lighting bulb
L171	Rear right door storage compartment illumination bulb
T2ip	2-pin connector
T2ir	2-pin connector
T4bw	4-pin connector
T5ad	5-pin connector, in rear right door
T16o	16-pin connector
T27d	27-pin connector, on right B-pillar
W70	Light conductor for rear right sill panel moulding background lighting
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	For models with additional lights



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink



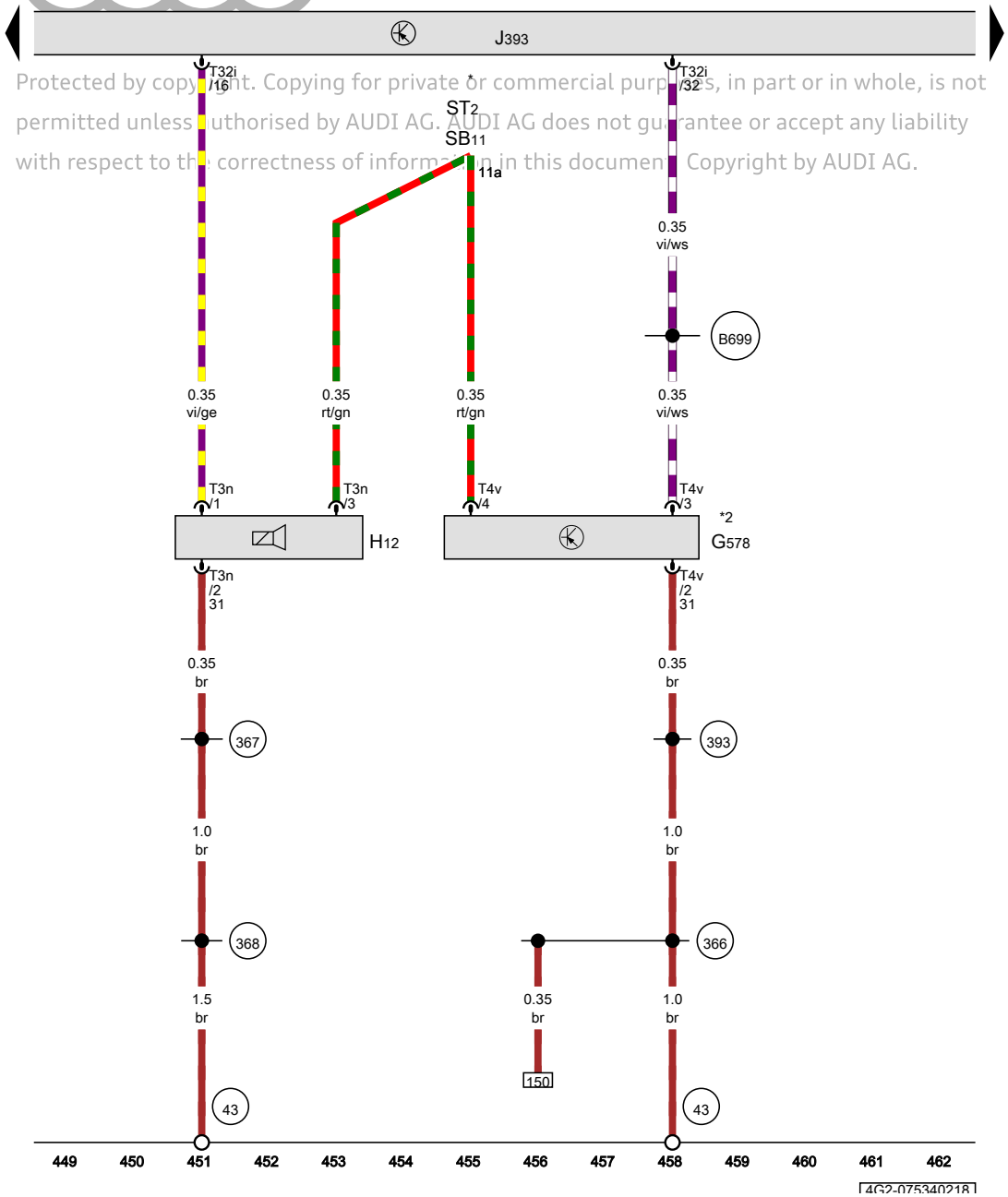
Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17n	17-pin connector
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
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rt	=	red
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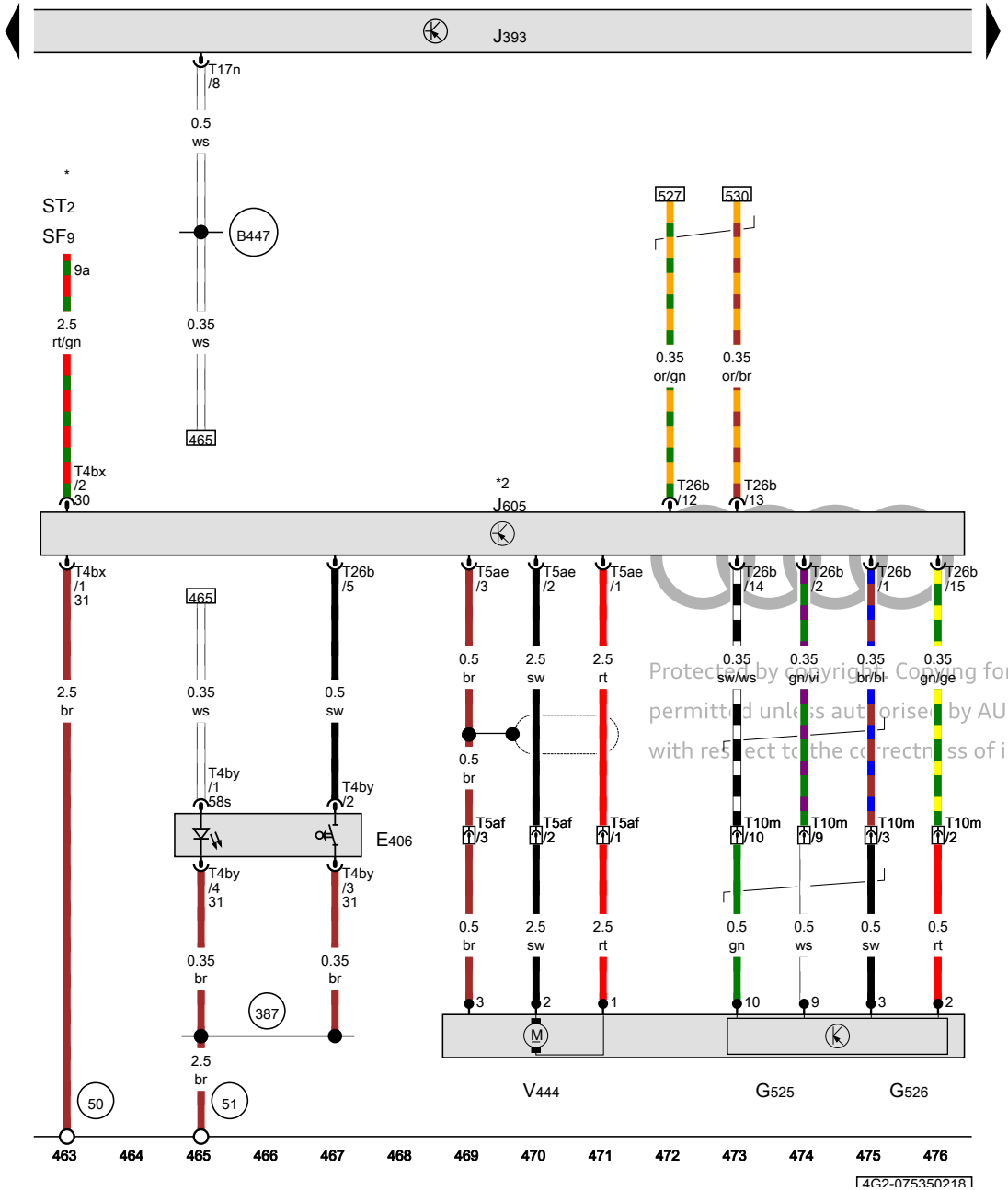
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Anti-theft alarm sensor, Alarm horn, Convenience system central control unit

G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
ST2	Fuse carrier 2
SB11	Fuse 11 on fuse holder B
T3n	3-pin connector
T4v	4-pin connector
T32i	32-pin connector
43	Earth point, lower part of right A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
393	Earth connection 28, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Anti-theft alarm system with interior monitoring

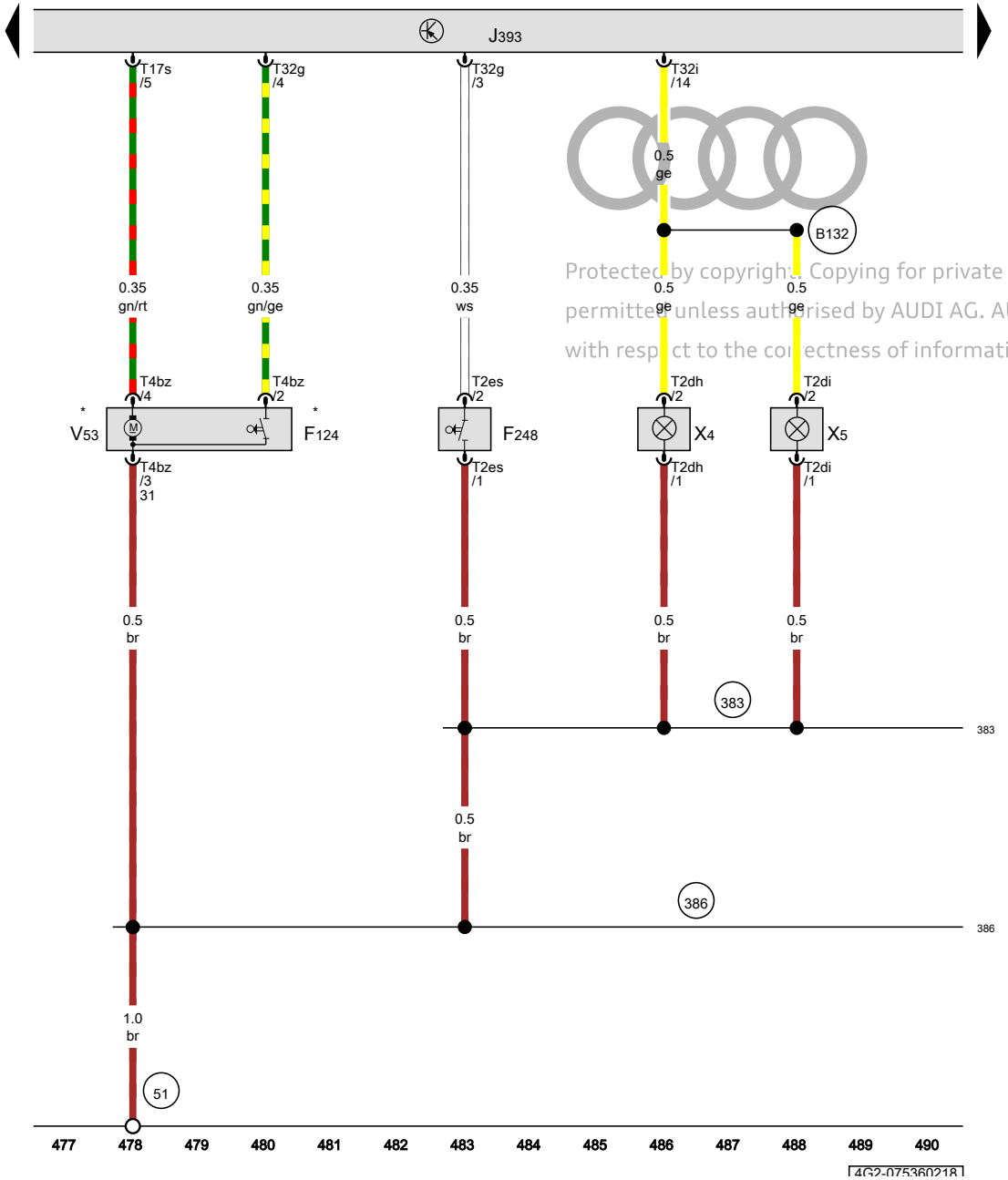


Button to close rear lid in luggage compartment, Rear lid closed sender 1, Rear lid closed sender 2, Convenience system central control unit, Rear lid control unit, Motor 1 for rear lid

E406	Button to close rear lid in luggage compartment
G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
J393	Convenience system central control unit
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T5ae	5-pin connector
T5af	5-pin connector
T10m	10-pin connector
T17n	17-pin connector
T26b	26-pin connector
V444	Motor 1 for rear lid
50	Earth point, on left in luggage compartment
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Saloon

ws	=	white
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ro	=	red
rt	=	red
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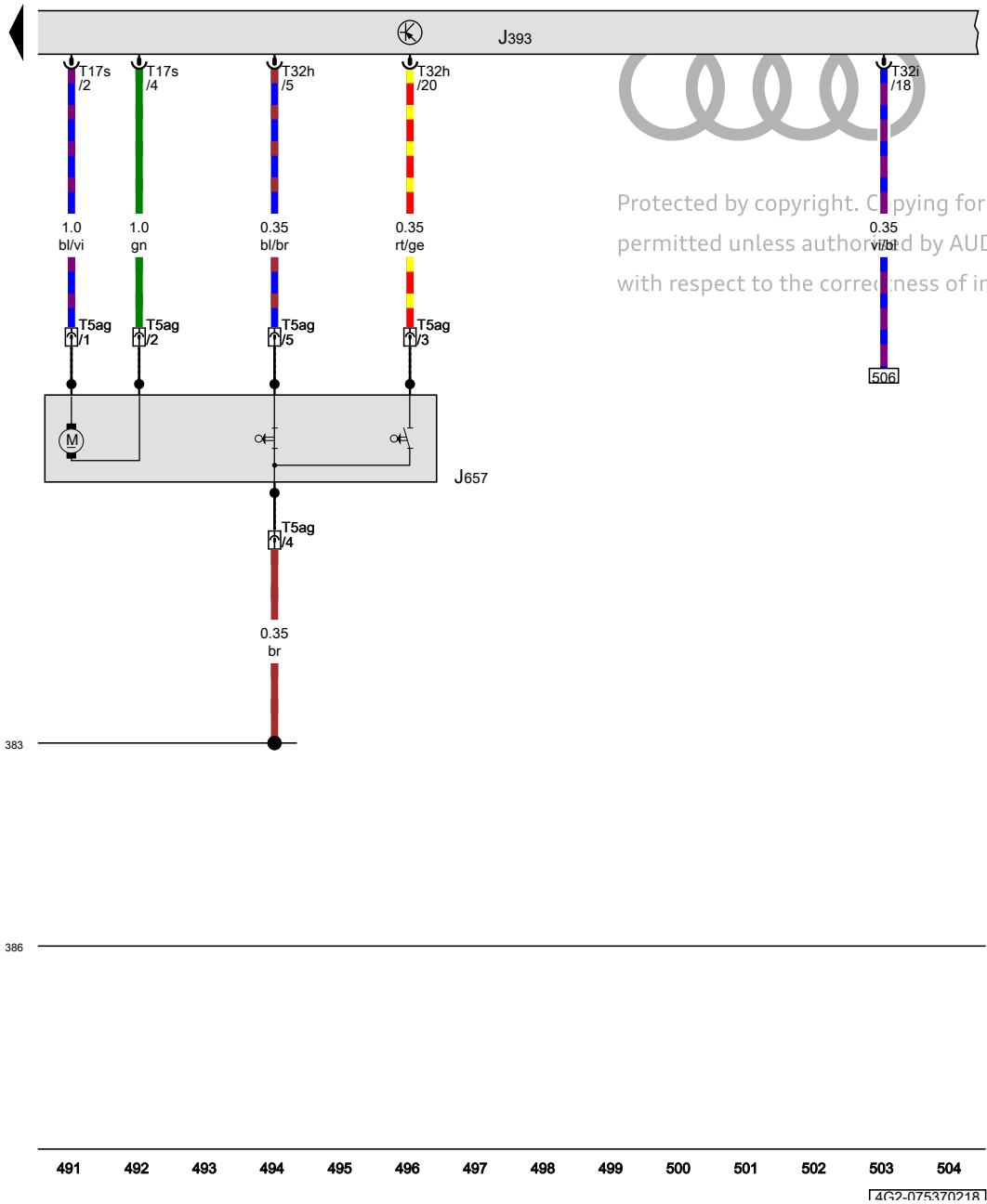


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Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
*	Saloon

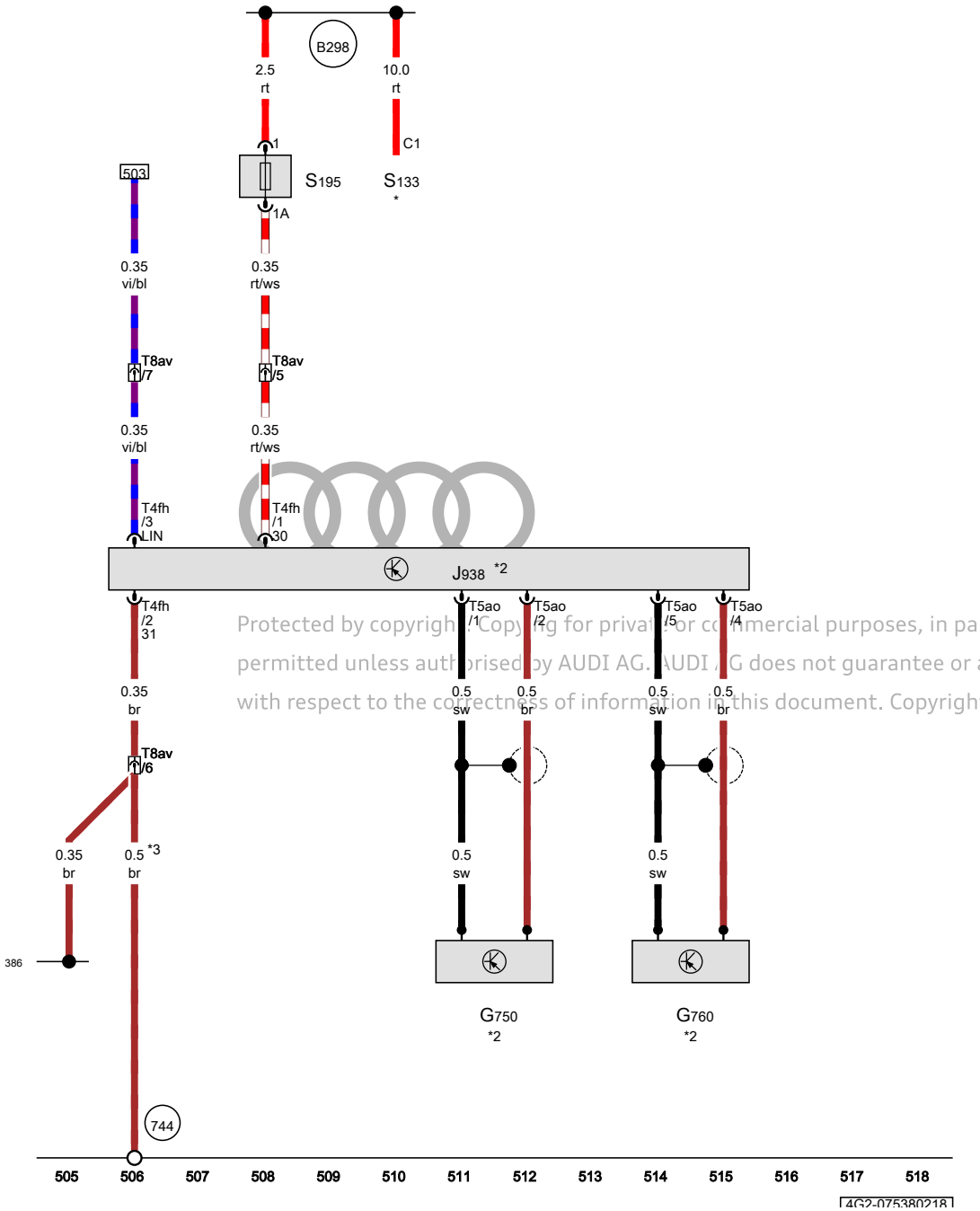


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Convenience system central control unit, Power latching control unit

F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness

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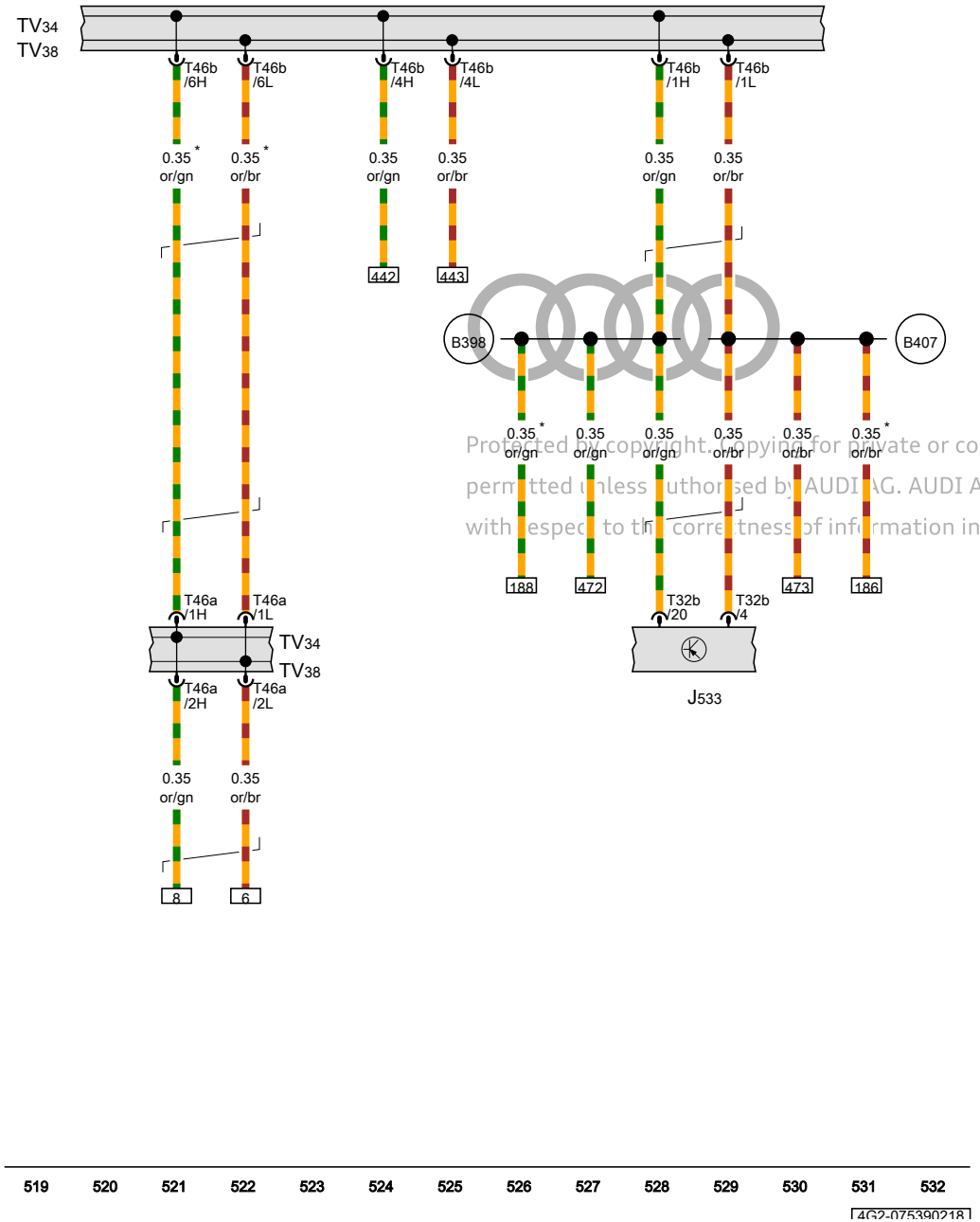


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Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit

G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J938	Rear lid power opening control unit
S133	Fuse 3
S195	Rear lid remote release fuse
T4fh	4-pin connector
T5ao	5-pin connector
T8av	8-pin connector, behind right side trim in luggage compartment
386	Earth connection 21, in main wiring harness
744	Earth point in spare wheel well
B298	Positive connection 2 (30), in main wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	According to equipment
*3	gradual introduction

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for convenience CAN bus, low

J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

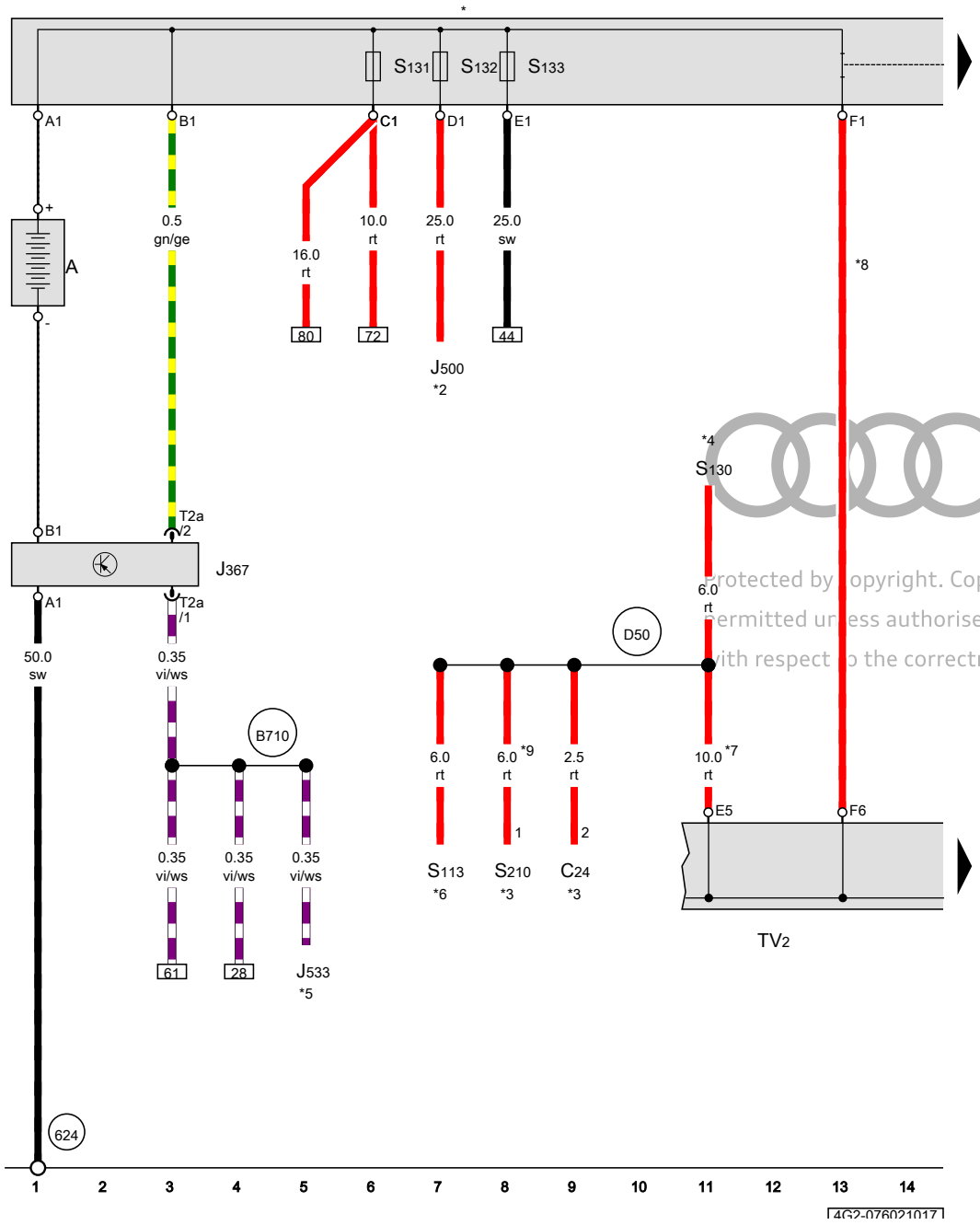
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Fuse assignment for RHD vehicles

From June 2012

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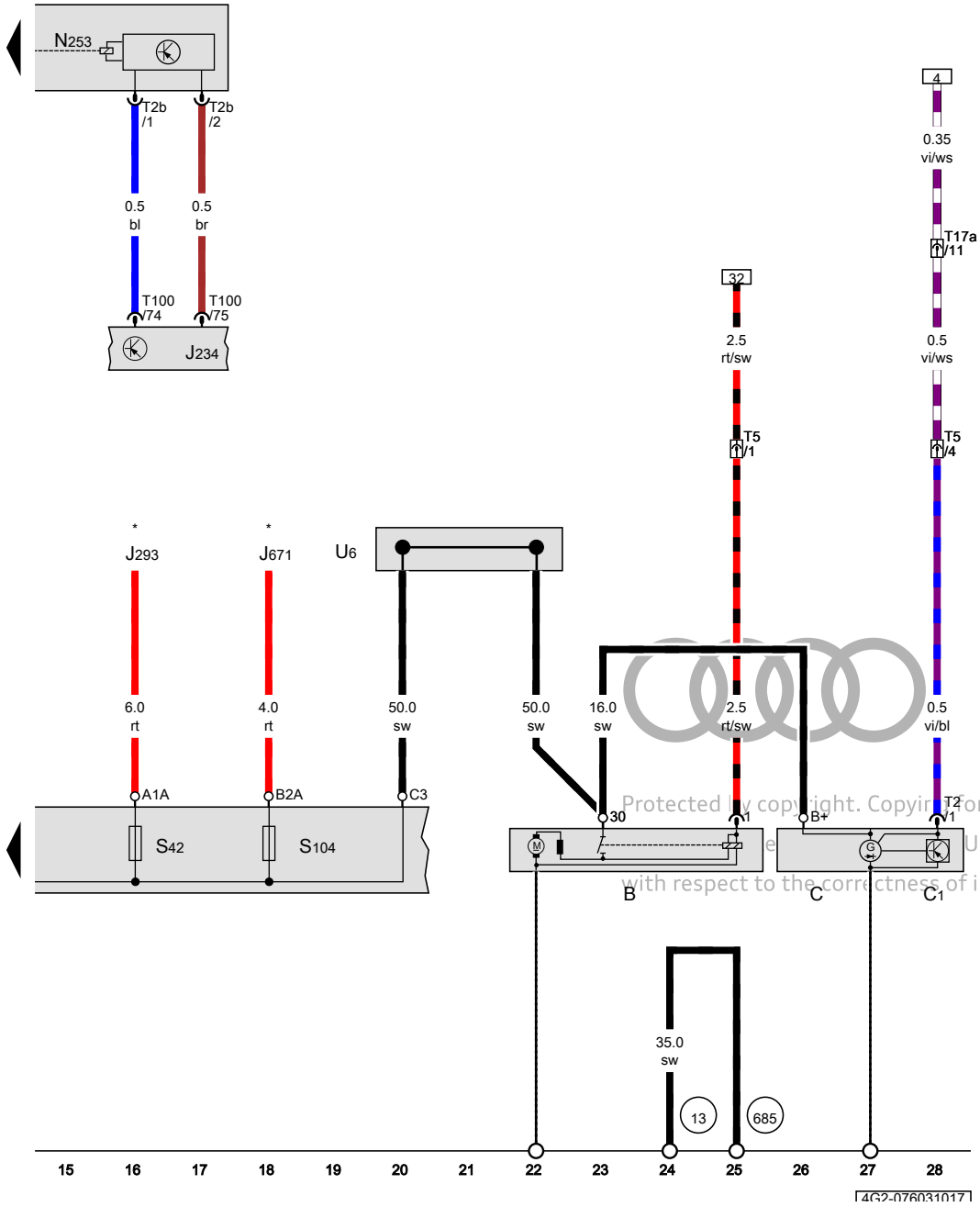
Battery, Suppression filter, Battery monitor control unit

A	Battery
C24	Suppression filter
J367	Battery monitor control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
S113	Automatic gearbox control unit fuse
S130	Secondary air pump fuse
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
S210	Fuse 7 (30)
T2a	2-pin connector
TV2	Terminal 30 wiring junction
624	Earth point, starter battery
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with secondary air pump
*5	see applicable current flow diagram for data bus network
*6	see applicable current flow diagram for dual clutch gearbox
*7	Cross section depends on equipment
*8	Flat conductor
*9	For models with hybrid drive system

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Starter, Alternator, Battery isolation igniter, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J234	Airbag control unit
J293	Radiator fan control unit
J671	Radiator fan control unit 2
N253	Battery isolation igniter
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T2b	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T100	100-pin connector
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for engine

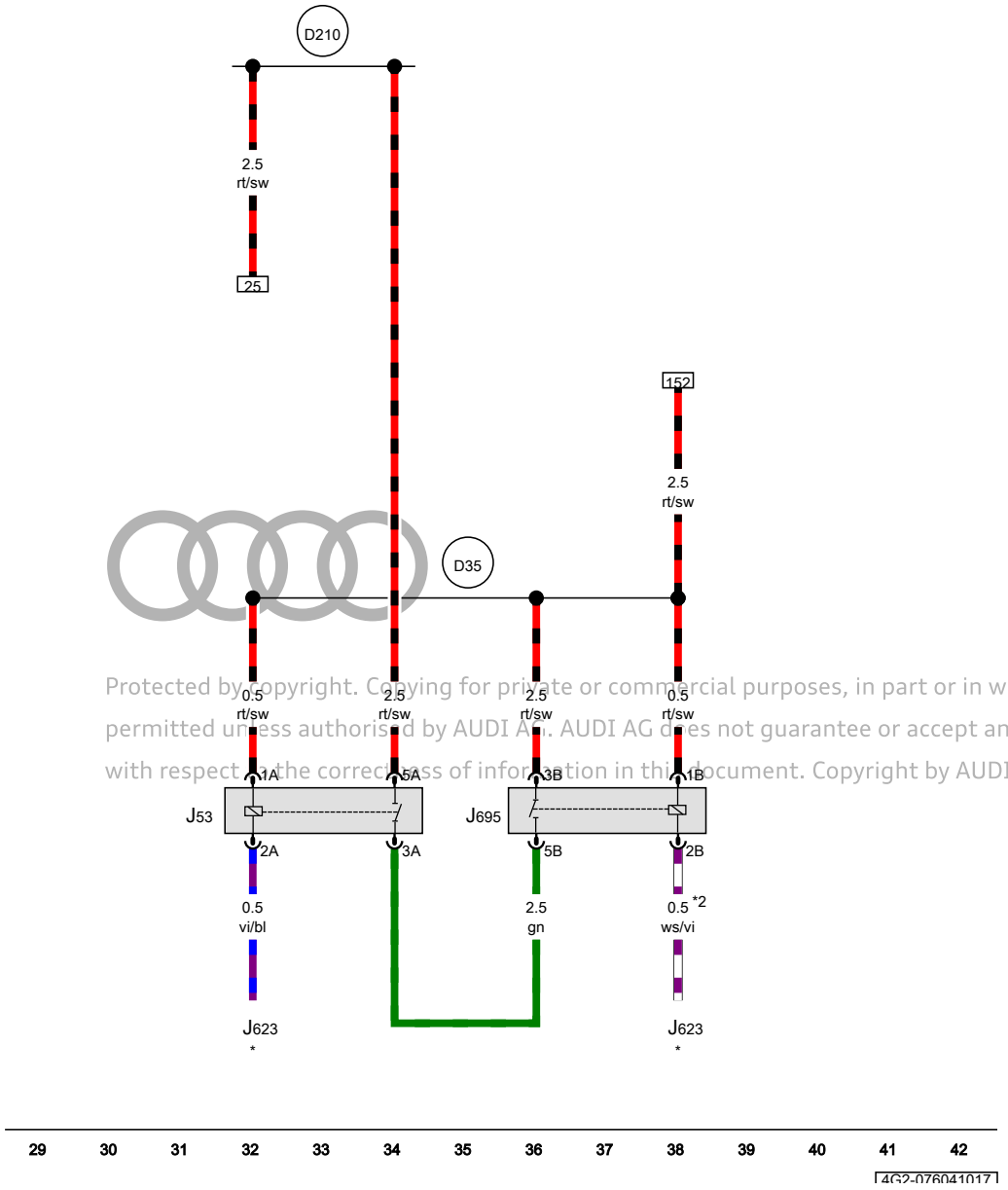


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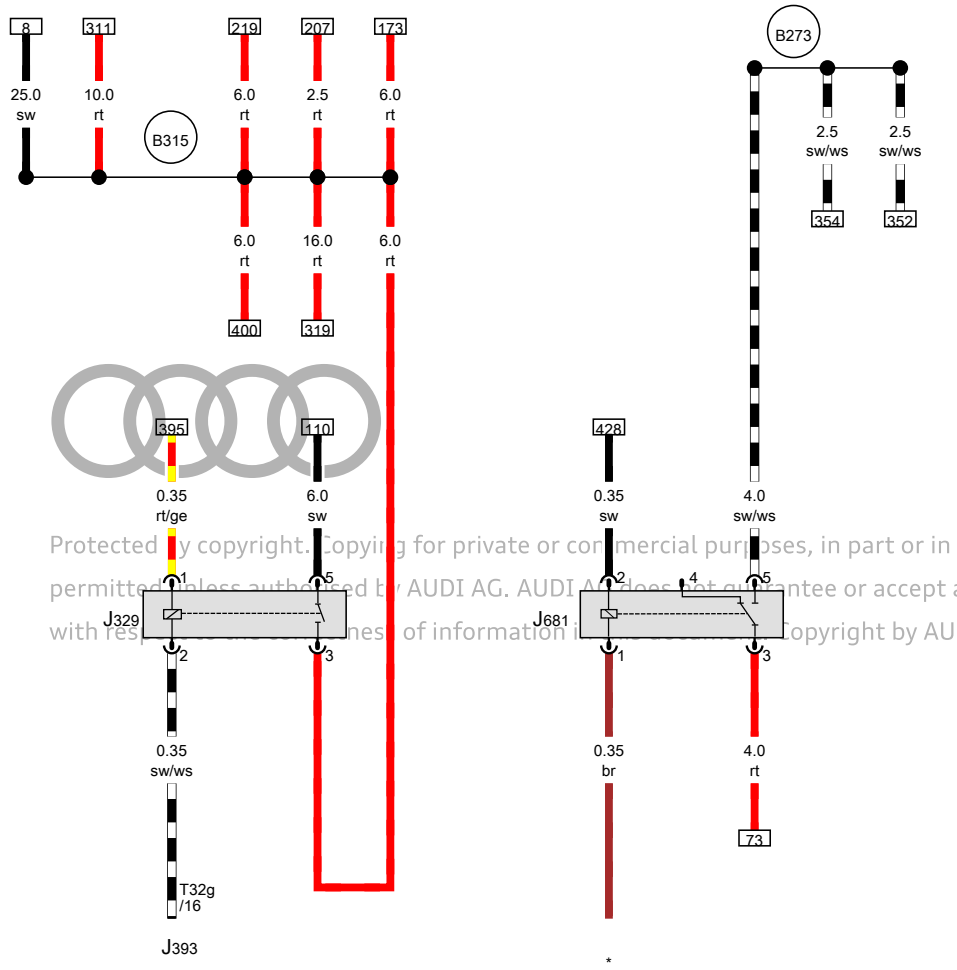
Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine/motor control unit
J695	Starter motor relay 2
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment



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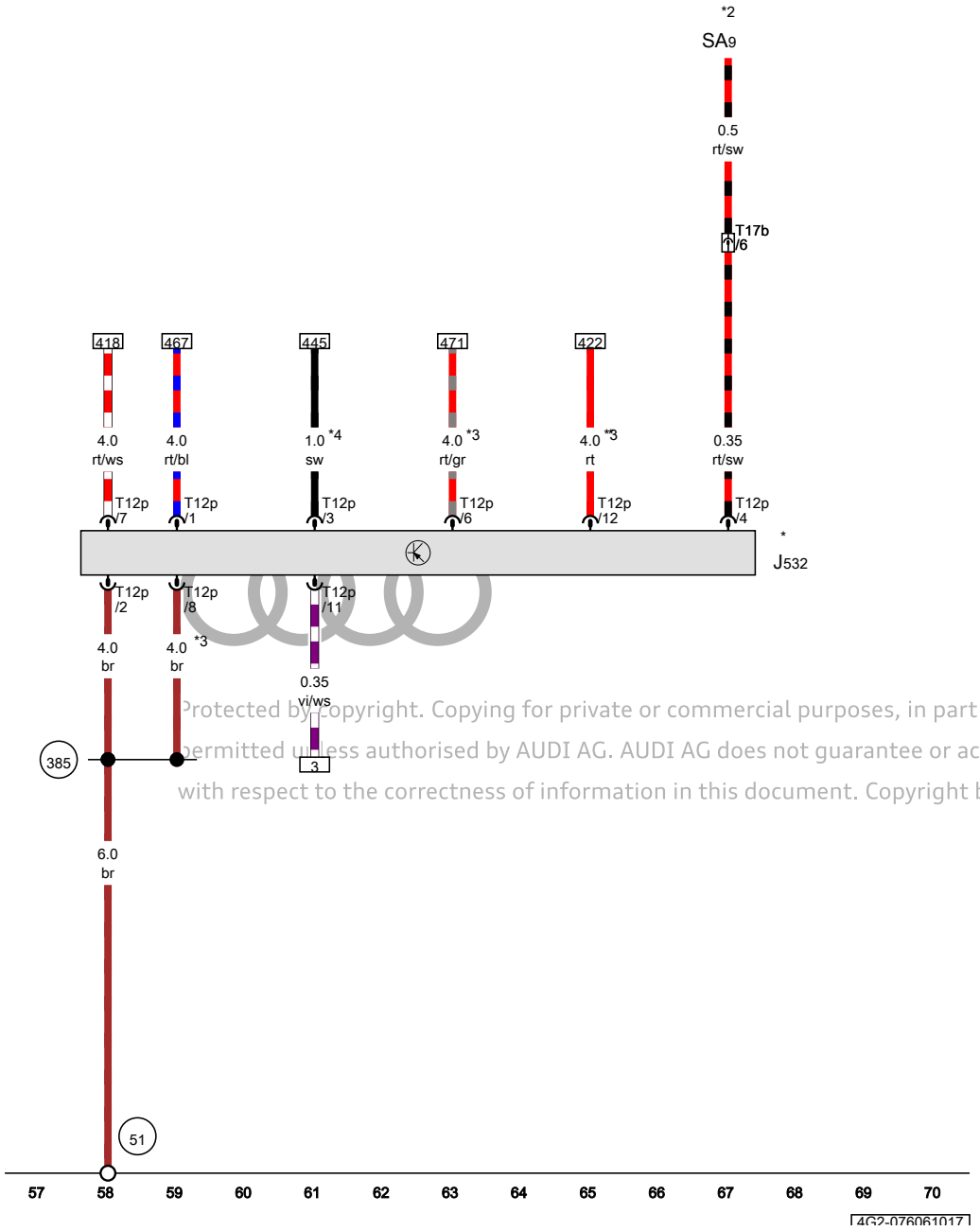
43 44 45 46 47 48 49 50 51 52 53 54 55 56

[4G2-0760510171]

Terminal 15 voltage supply relay, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for basic equipment

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ro	=	red
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Voltage stabiliser

J532 Voltage stabiliser
SA9 Fuse 9 on fuse holder A
T12p 12-pin connector
T17b 17-pin connector, Coupling station, E-box on left in plenum chamber

51 Earth point, on right in luggage compartment

385 Earth connection 20, in main wiring harness

* For models with start/stop system
*2 see applicable current flow diagram for engine
*3 For models with 400 W voltage stabiliser
*4 Cross section depends on equipment

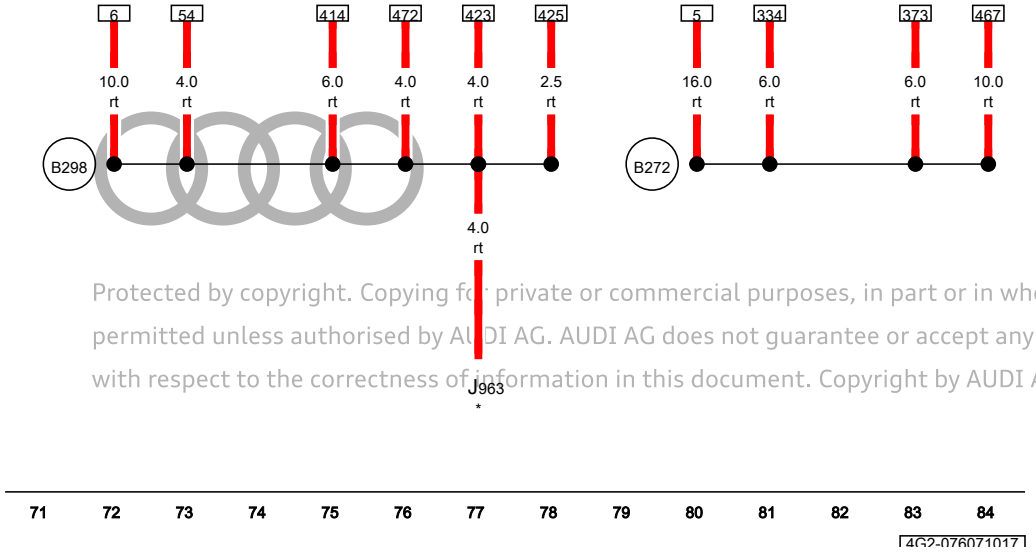
Positive connection (30), in main wiring harness, Positive connection 2 (30), in main wiring harness

J963 Relay for reducing agent metering system

B272 Positive connection (30), in main wiring harness

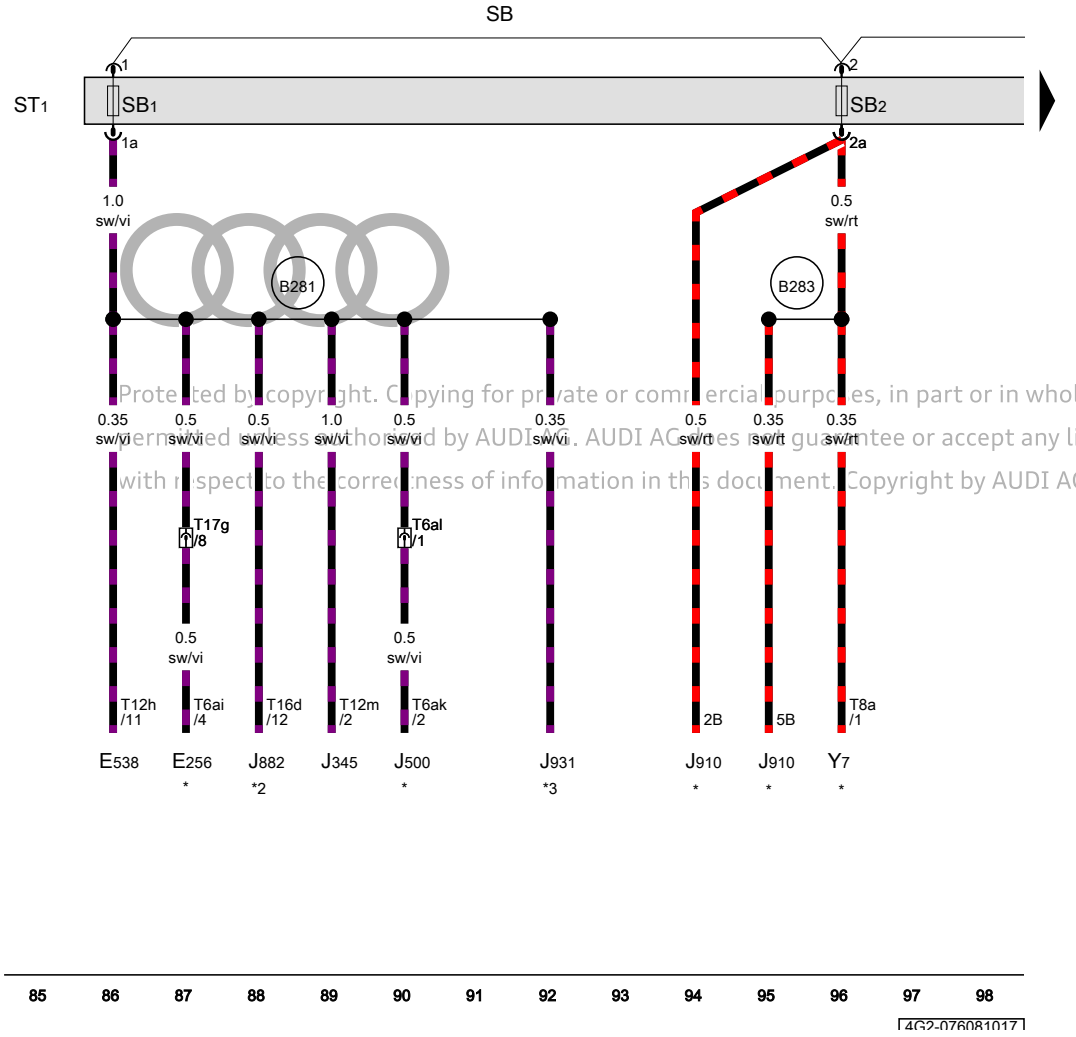
B298 Positive connection 2 (30), in main wiring harness

* see applicable current flow diagram for engine



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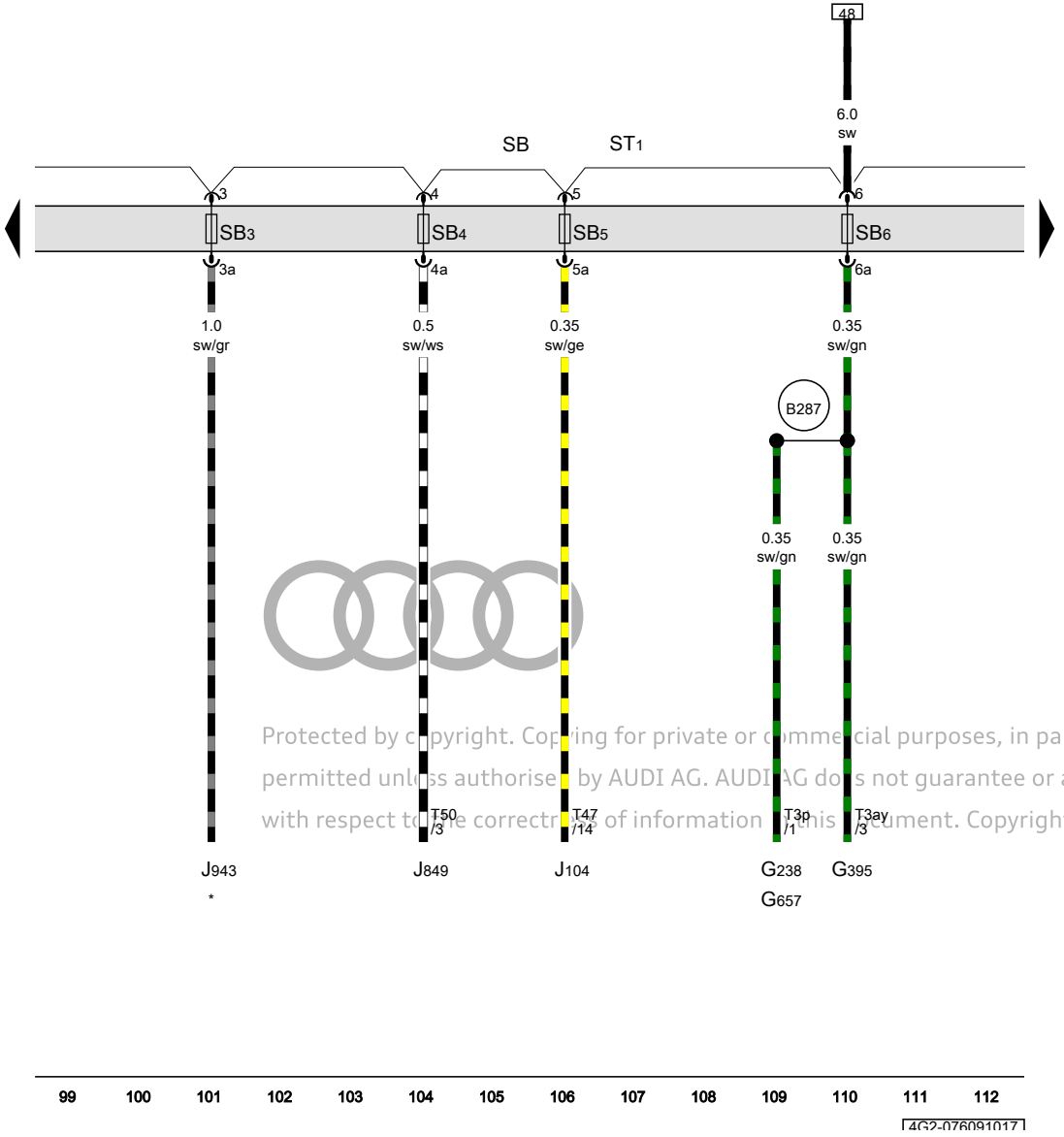


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Fuse holder B, Fuse carrier 1

E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
J345	Trailer detector control unit
J500	Power steering control unit
J882	Seat heating control unit
J910	Relay for automatic anti-dazzle interior mirror
J931	Power unit mounting control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1, black
SB2	Fuse 2 on fuse holder B
T6ai	6-pin connector
T6ak	6-pin connector
T6al	6-pin connector, under front left wheel housing cover
T8a	8-pin connector
T12h	12-pin connector
T12m	12-pin connector
T16d	16-pin connector
T17g	17-pin connector, in right A-pillar coupling station
Y7	Automatic anti-dazzle interior mirror
B281	Positive connection 5 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with seat heating
*3	see applicable current flow diagram for engine

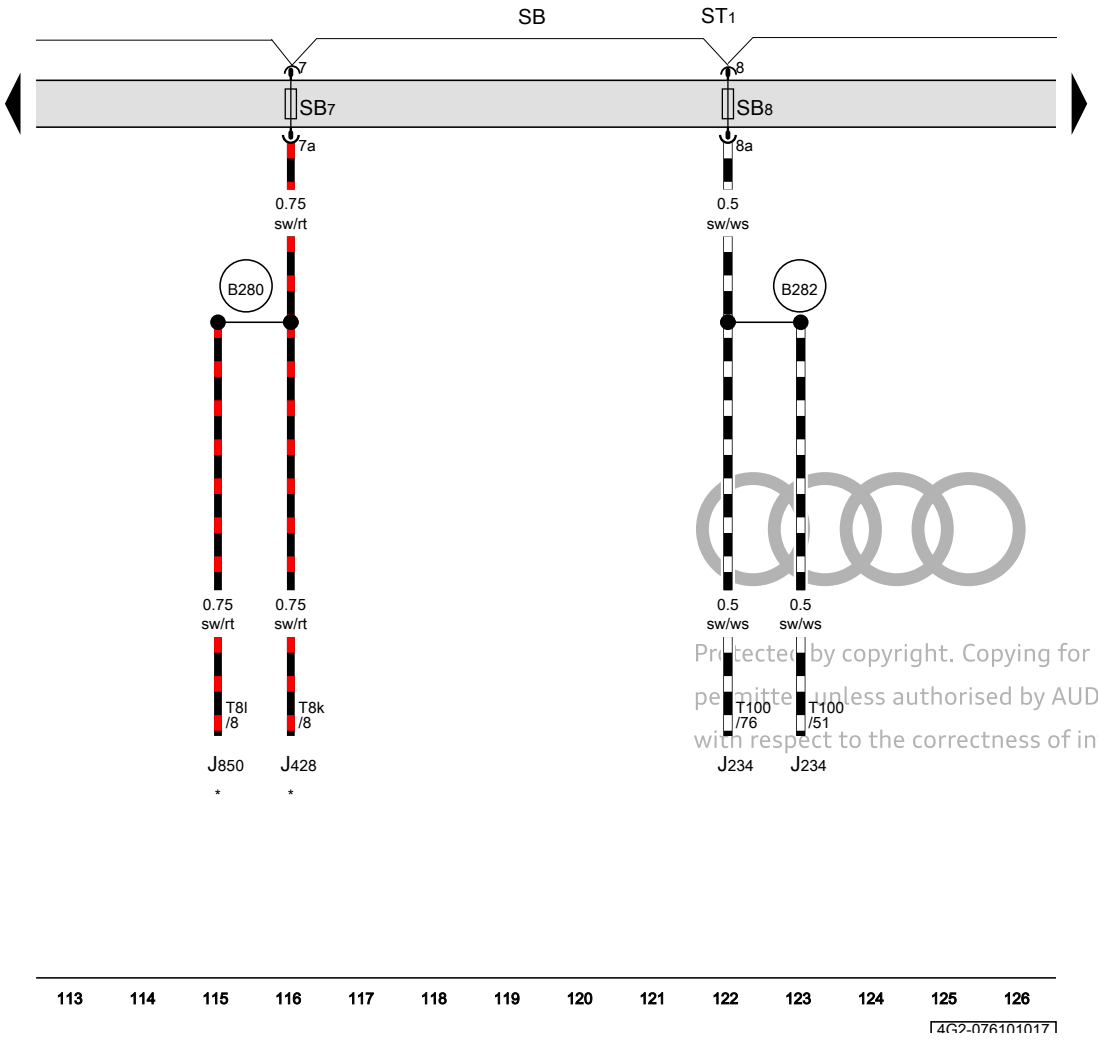


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Fuse holder B, Fuse carrier 1

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J104	ABS control unit
J849	Control unit for sensor electronics
J943	Engine sound generator control unit
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T47	47-pin connector
T50	50-pin connector
B287	Positive connection 11 (15a) in main wiring harness
*	see applicable current flow diagram for engine

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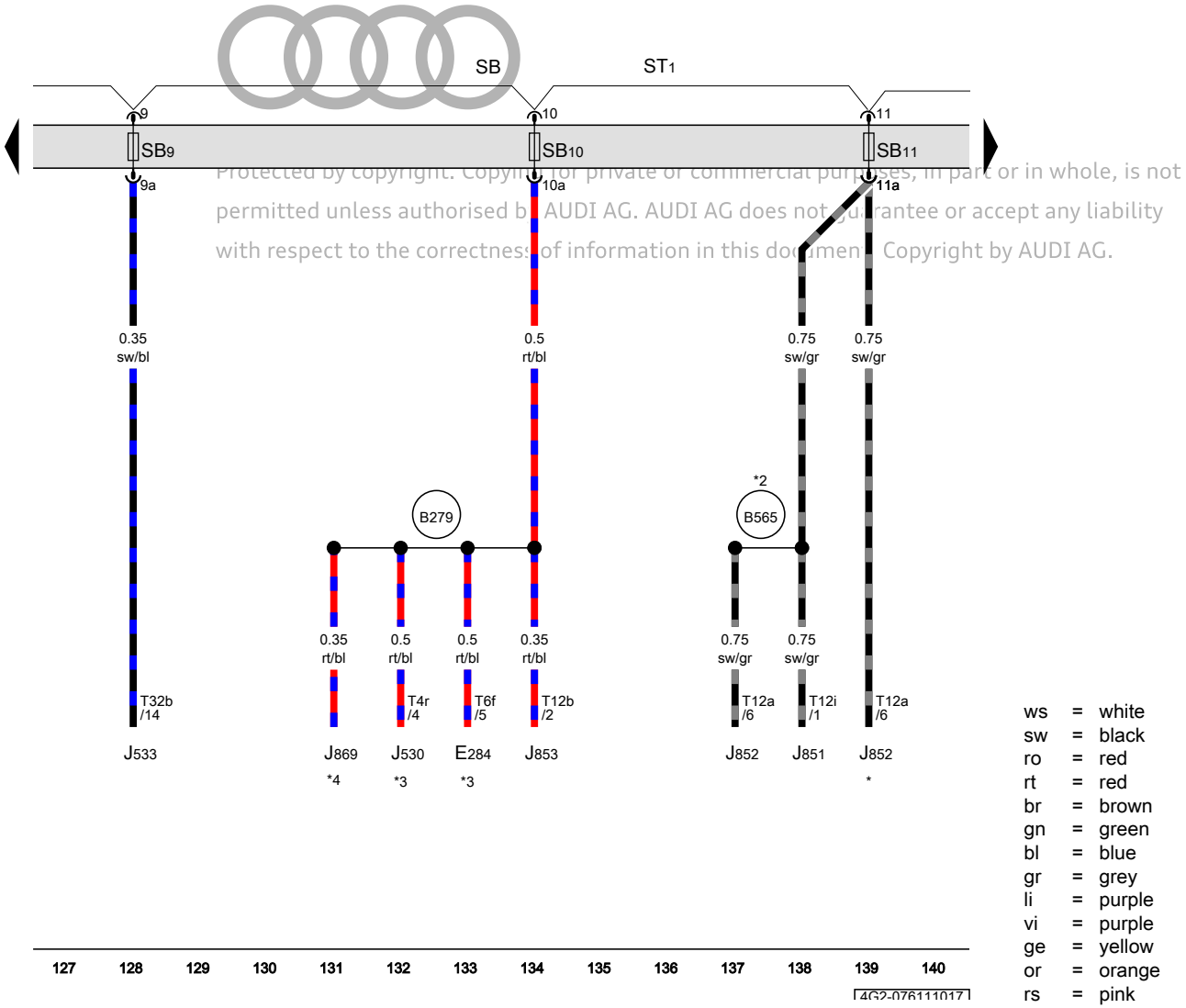


Fuse holder B, Fuse carrier 1

J234	Airbag control unit
J428	Adaptive cruise control unit
J850	Control unit 2 for adaptive cruise control
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T8k	8-pin connector
T8l	8-pin connector
T100	100-pin connector
B280	Positive connection 4 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	For models with adaptive cruise control (ACC)

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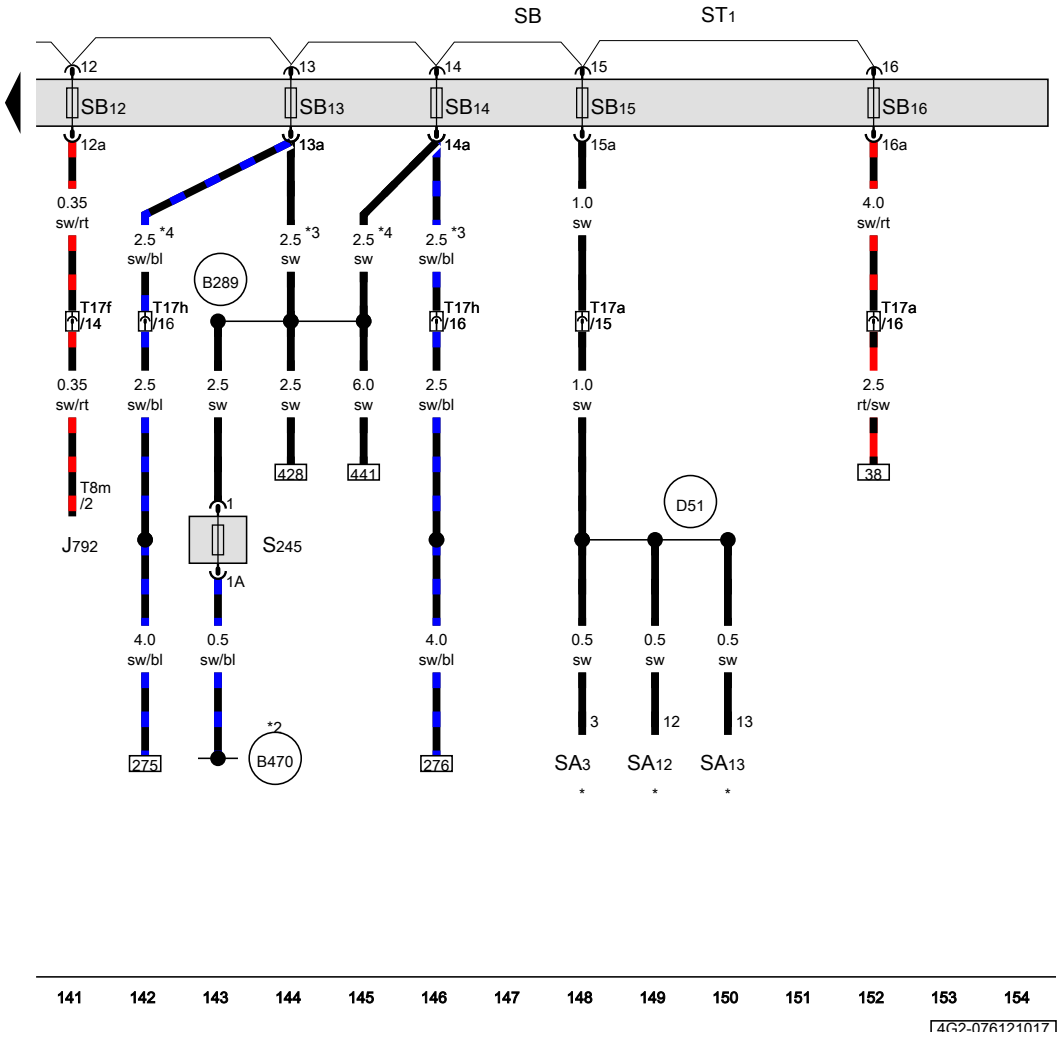
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Fuse holder B, Fuse carrier 1

E284	Garage door operating unit
J530	Garage door operation control unit
J533	Data bus diagnostic interface
J851	Image processing control unit
J852	Camera control unit
J853	Control unit for night vision system
J869	Control unit for structure-borne sound
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T4r	4-pin connector
T6f	6-pin connector
T12a	12-pin connector
T12b	12-pin connector
T12i	12-pin connector
T32b	32-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	Optional equipment
*2	For models with adaptive cruise control (ACC)
*3	For models with garage door opener
*4	see applicable current flow diagram for engine

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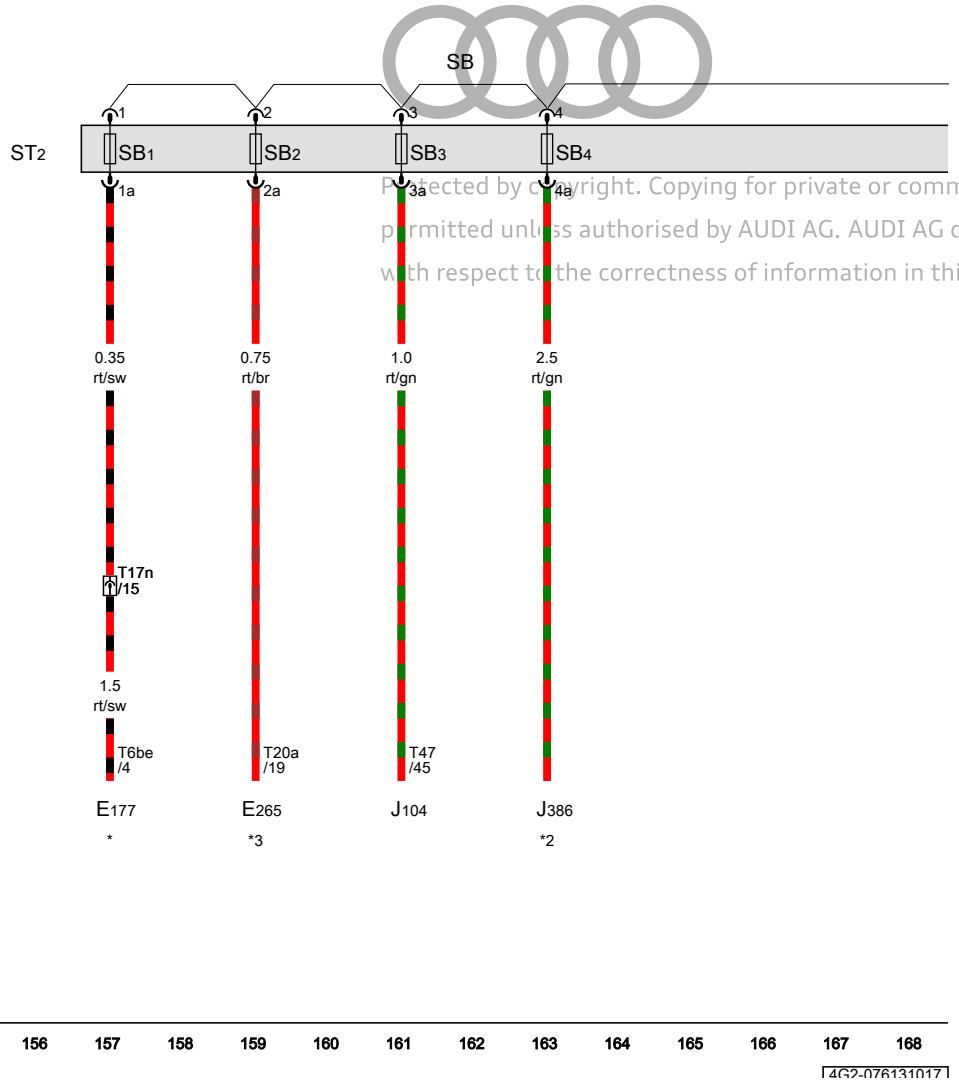
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sw = black
ro = red
rt = red
br = brown
gn = green
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Fuse holder B, Fuse carrier 1

J792	Active steering control unit
SA3	Fuse 3 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
S245	Optional equipment main fuse, on relay and fuse carrier, on right in luggage compartment
T8m	8-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in right A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
B289	Positive connection 13 (15a) in main wiring harness
B470	Connection 6, in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with preparation for Rear Seat Entertainment (RSE)
*3	Up to December 2011
*4	From January 2012

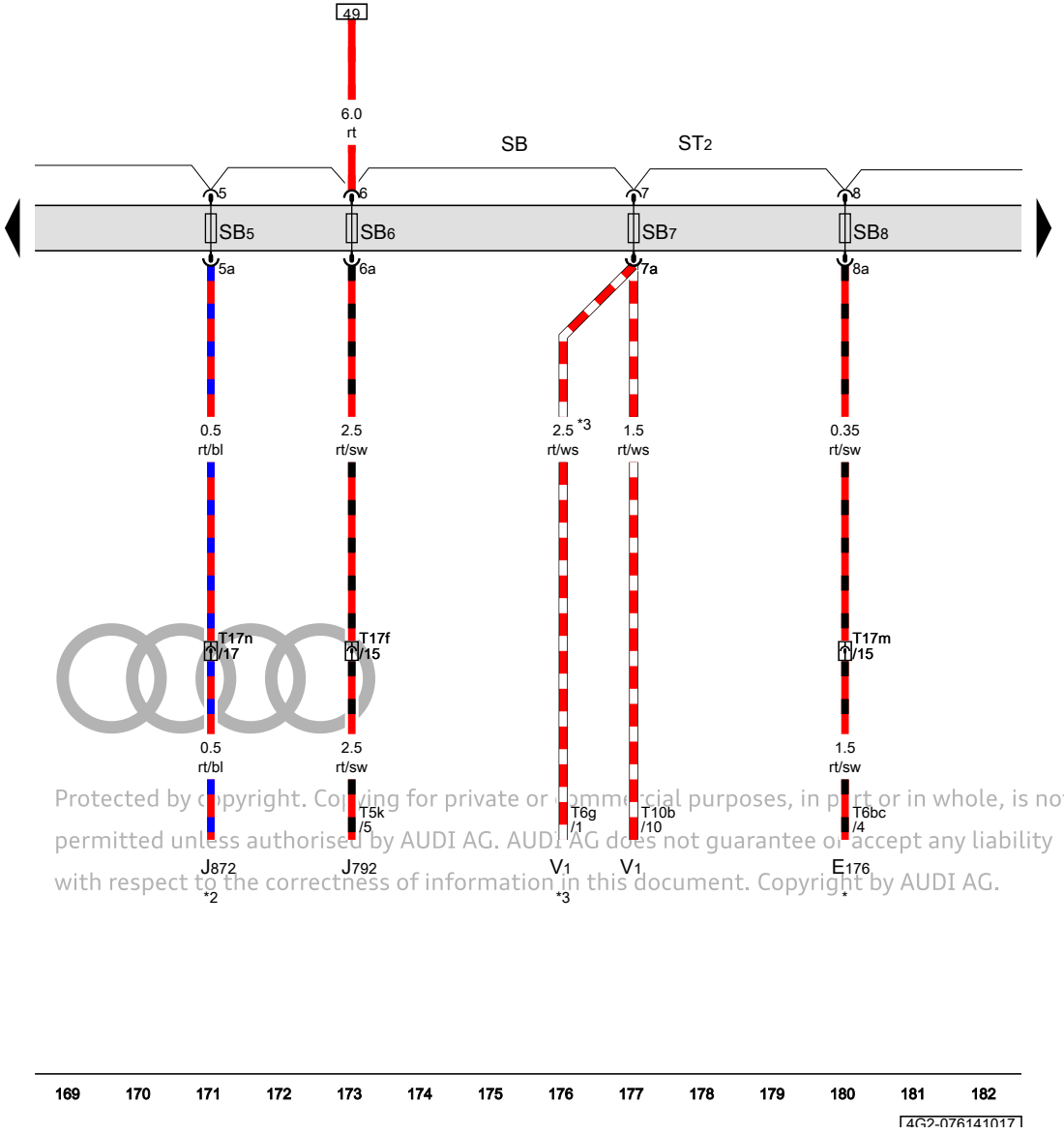
Fuse holder B, Fuse carrier 2

E177	Front passenger seat lumbar support adjustment switch
E265	Operating and display unit for rear air conditioning system
J104	ABS control unit
J386	Driver door control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2, brown
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T6be	6-pin connector
T17n	17-pin connector, in coupling point for front seat, left
T20a	20-pin connector
T47	47-pin connector
*	For models with adjustable lumbar support
*2	see applicable current flow diagram for convenience system
*3	Automatic air conditioning system, luxury Climatronic



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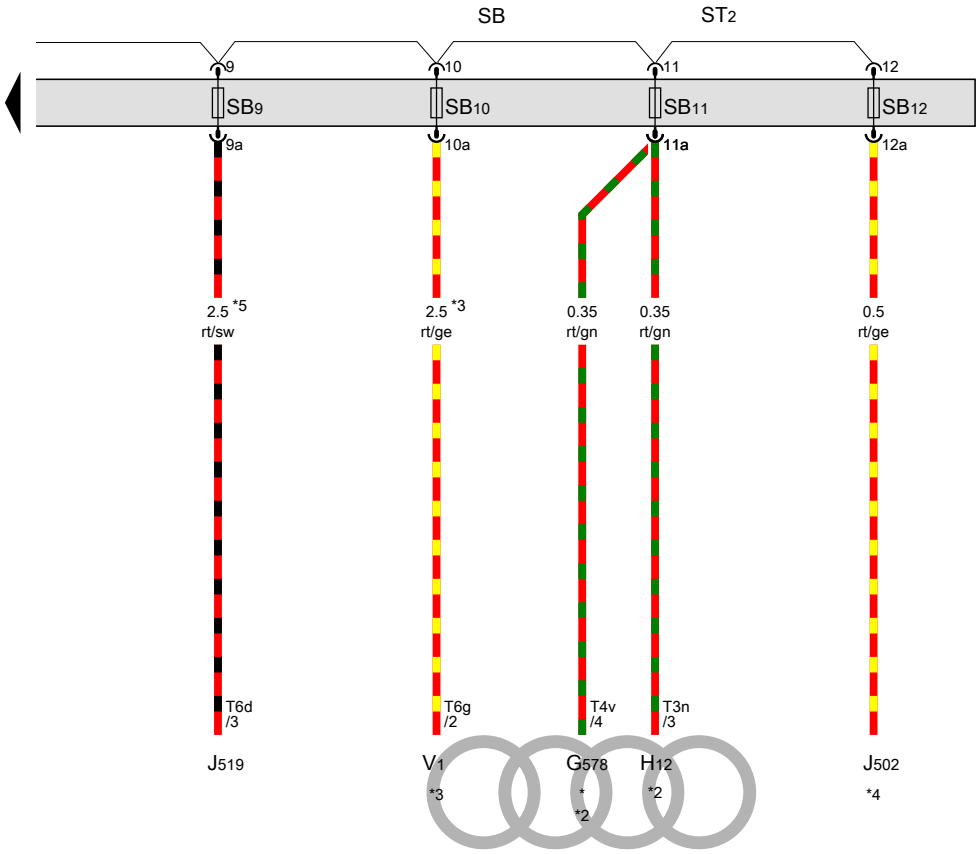
Fuse holder B, Fuse carrier 2

E176	Driver seat lumbar support adjustment switch
J792	Active steering control unit
J872	Control unit for front passenger multicontour seat
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T5k	5-pin connector
T6bc	6-pin connector
T6g	6-pin connector
T10b	10-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T17m	17-pin connector, in coupling point for front seat, right
T17n	17-pin connector, in coupling point for front seat, left
V1	Sliding sunroof motor
*	For models with no adjustable seats
*2	see applicable current flow diagram for seat adjustment
*3	Avant

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuse holder B, Fuse carrier 2

G578	Anti-theft alarm sensor
H12	Alarm horn
J502	Tyre Pressure Monitoring System control unit
J519	Onboard supply control unit
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T3n	3-pin connector
T4v	4-pin connector
T6d	6-pin connector
T6g	6-pin connector
V1	Sliding sunroof motor
*	For models with interior monitoring
*2	see applicable current flow diagram for convenience system
*3	Avant
*4	For models with Tyre Pressure Monitoring System
*5	For models with seat heating

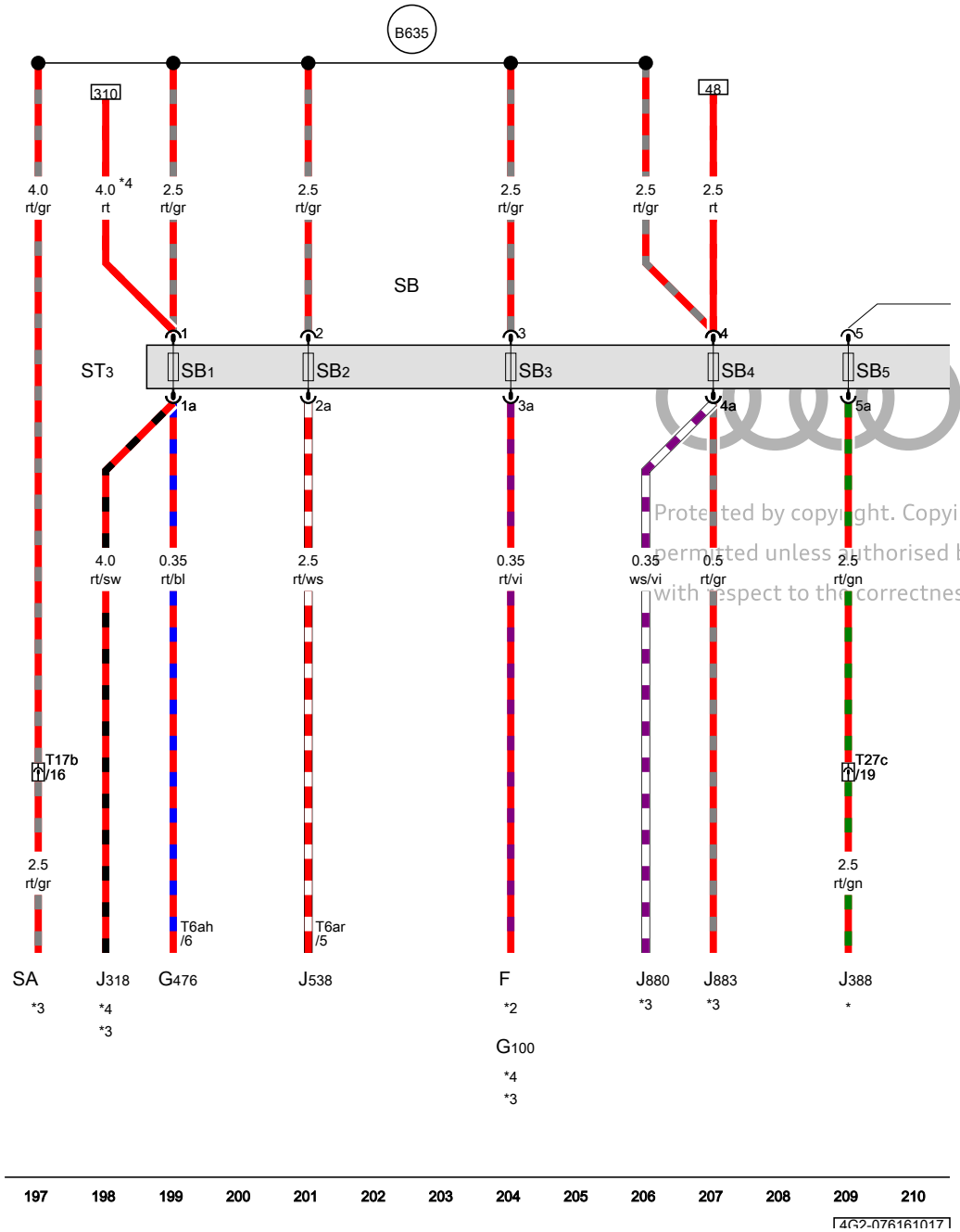


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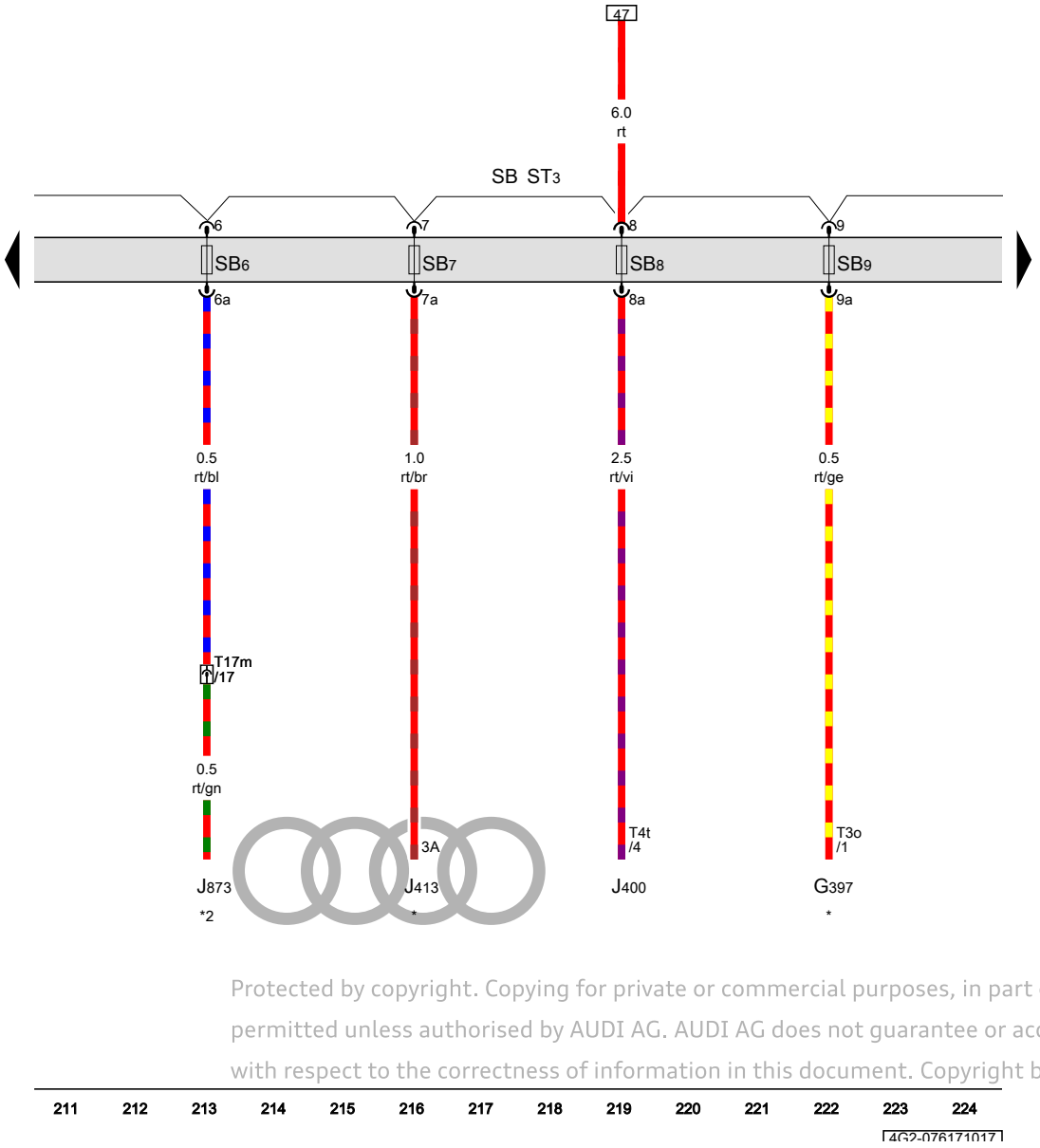


Fuse holder B, Fuse carrier 3

F	Brake light switch
G100	Brake pedal position sender
G476	Clutch position sender
J318	Vacuum pump relay
J388	Rear left door control unit
J538	Fuel pump control unit
J880	Control unit for reducing agent metering system
J883	Exhaust flap control unit
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3, red
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T6ah	6-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T27c	27-pin connector, on left B-pillar
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with hybrid drive system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Fuse holder B, Fuse carrier 3

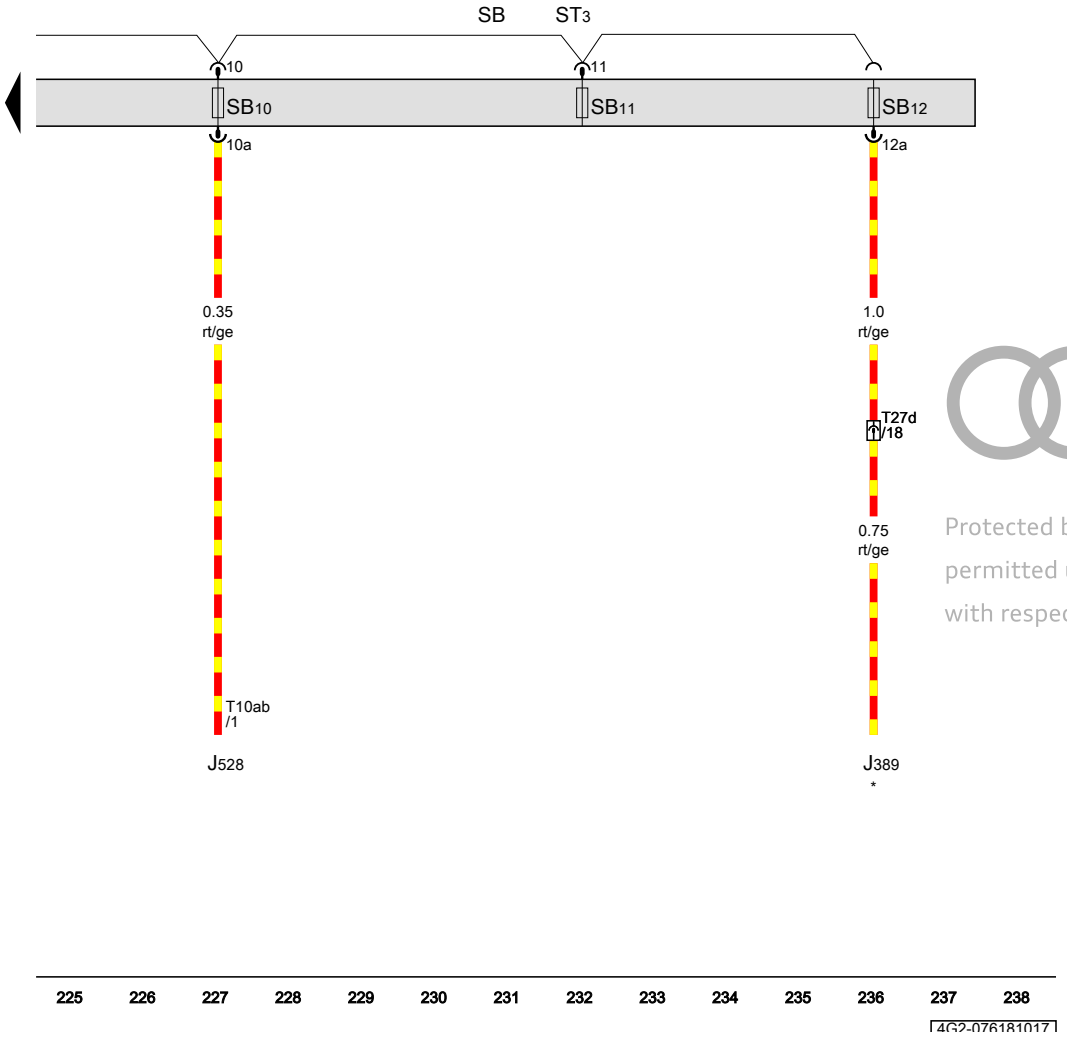
G397	Rain and light sensor
J400	Wiper motor control unit
J413	Horn relay
J873	Control unit for driver multicontour seat
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T17m	17-pin connector, in coupling point for front seat, right
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for seat adjustment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Fuse holder B, Fuse carrier 3

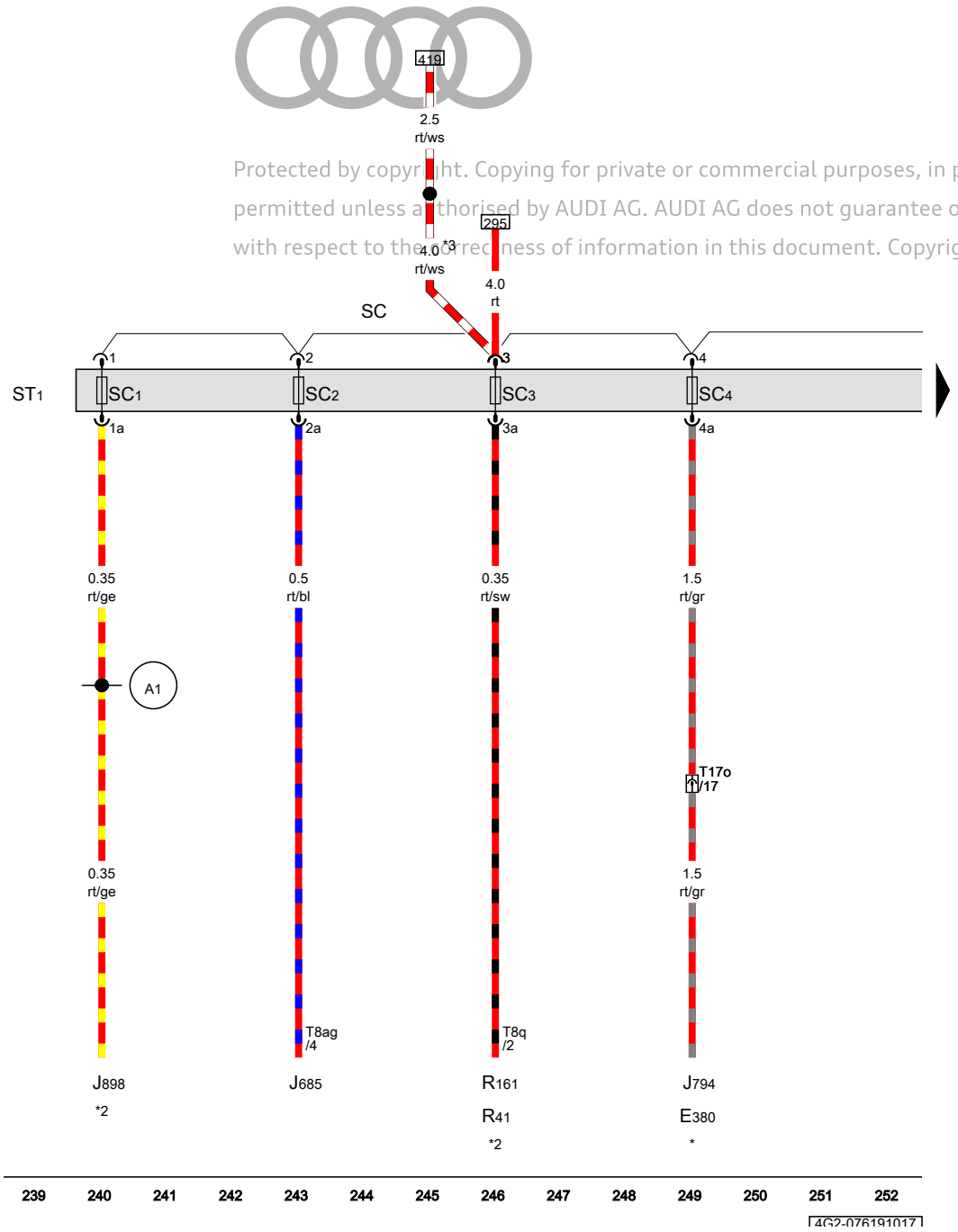
J389	Rear right door control unit
J528	Roof electronics control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T10ab	10-pin connector
T27d	27-pin connector, on right B-pillar
*	see applicable current flow diagram for convenience system



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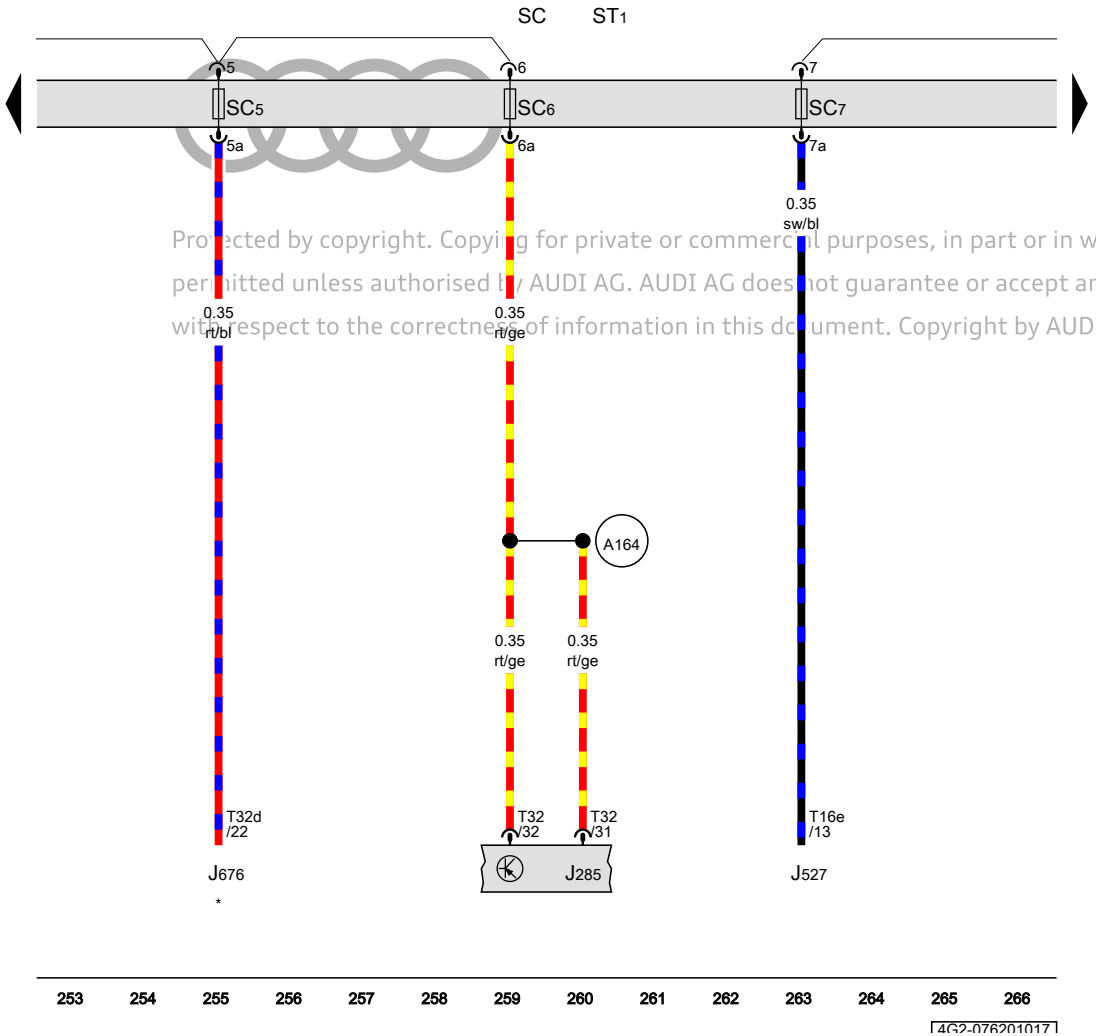
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Fuse holder C, Fuse carrier 1

E380	Multimedia system operating unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
J898	Control unit for Head-up Display
R41	CD changer
R161	DVD changer
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1, black
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
T8ag	8-pin connector
T8q	8-pin connector
T17o	17-pin connector, in left A-pillar coupling station
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	According to equipment
*3	For models with start/stop system

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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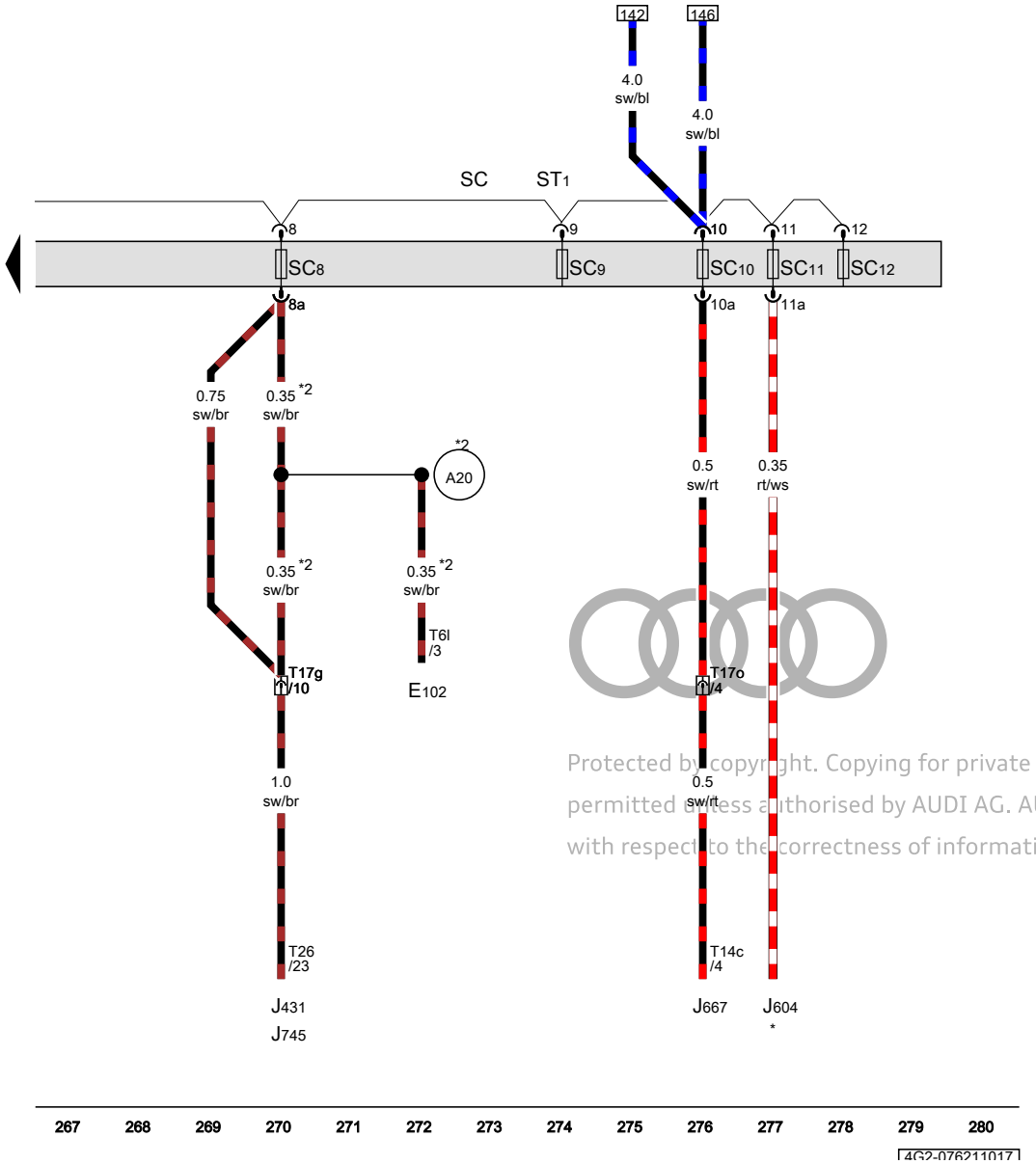


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Fuse holder C, Fuse carrier 1

J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J676	Chip card reader control unit
SC	Fuse holder C
ST1	Fuse carrier 1, black
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T16e	16-pin connector
T32	32-pin connector
T32d	32-pin connector
A164	Positive connection 2 (30a) in dash panel wiring harness
*	For models with equipment for Japan

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rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink



Fuse holder C, Fuse carrier 1

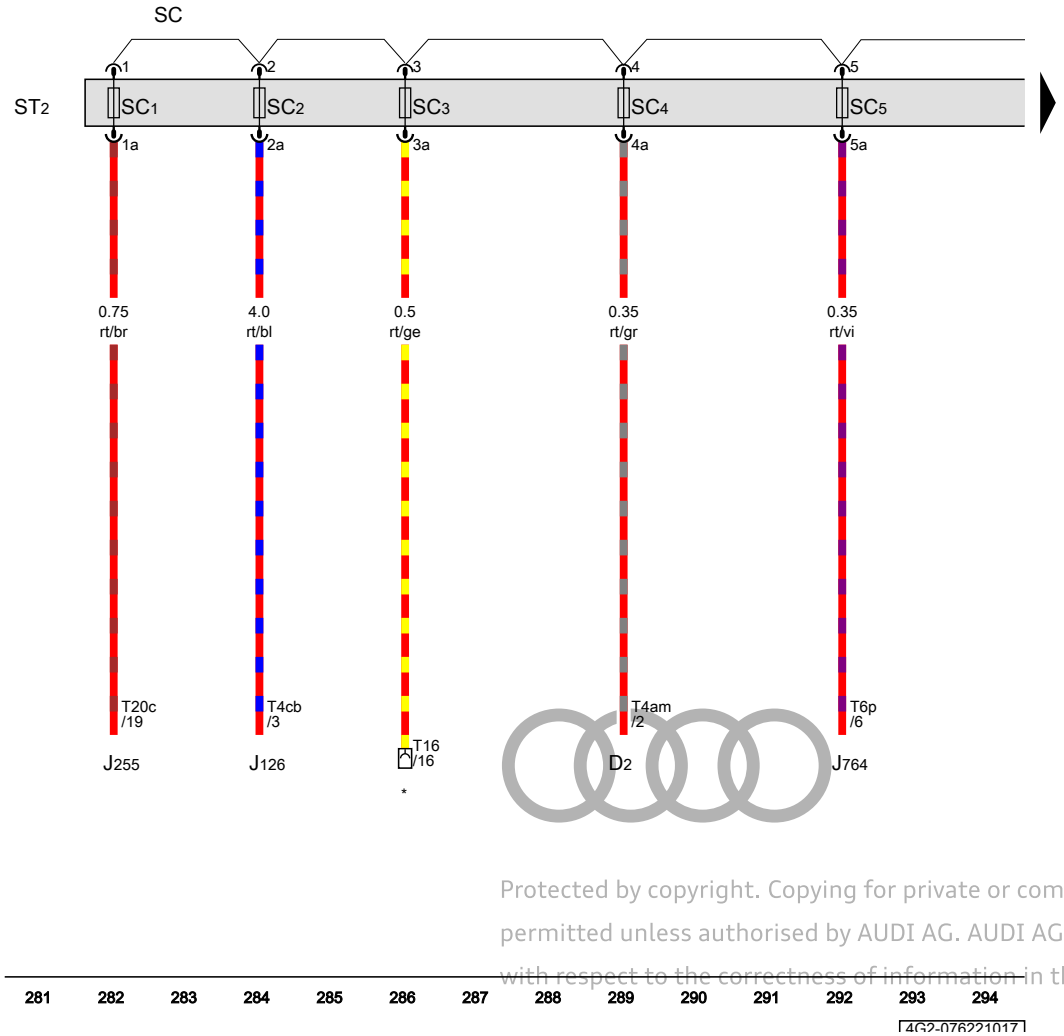
E102	Headlight range control regulator
J431	Headlight range control unit
J604	Auxiliary air heater control unit
J667	Output module for left headlight
J745	Control unit for cornering light and headlight range control
SC	Fuse holder C
ST1	Fuse carrier 1, black
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T6l	6-pin connector
T14c	14-pin connector
T17g	17-pin connector, in right A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T26	26-pin connector
A20	Positive connection (15a), in dash panel wiring harness
*	For models with hybrid drive system
*2	For models with no automatic headlight range control

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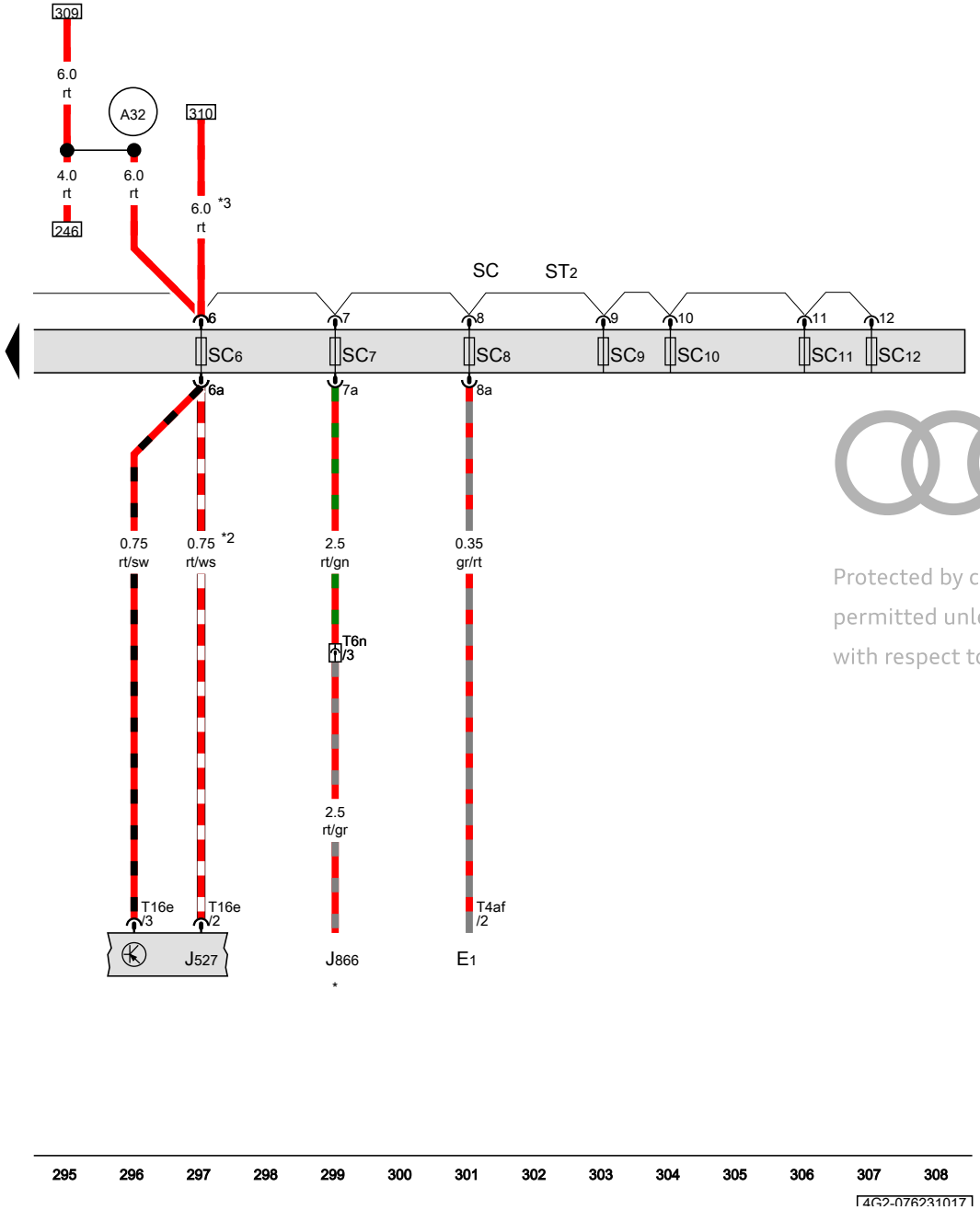
Fuse holder C, Fuse carrier 2

D2	Immobiliser reader coil
J126	Fresh air blower control unit
J255	Climatronic control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C, Fuse carrier on left of dash panel
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2, brown
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4am	4-pin connector
T4cb	4-pin connector
T6p	6-pin connector
T16	16-pin connector
T20c	20-pin connector
*	Diagnostic connection



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sw	=	black
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rt	=	red
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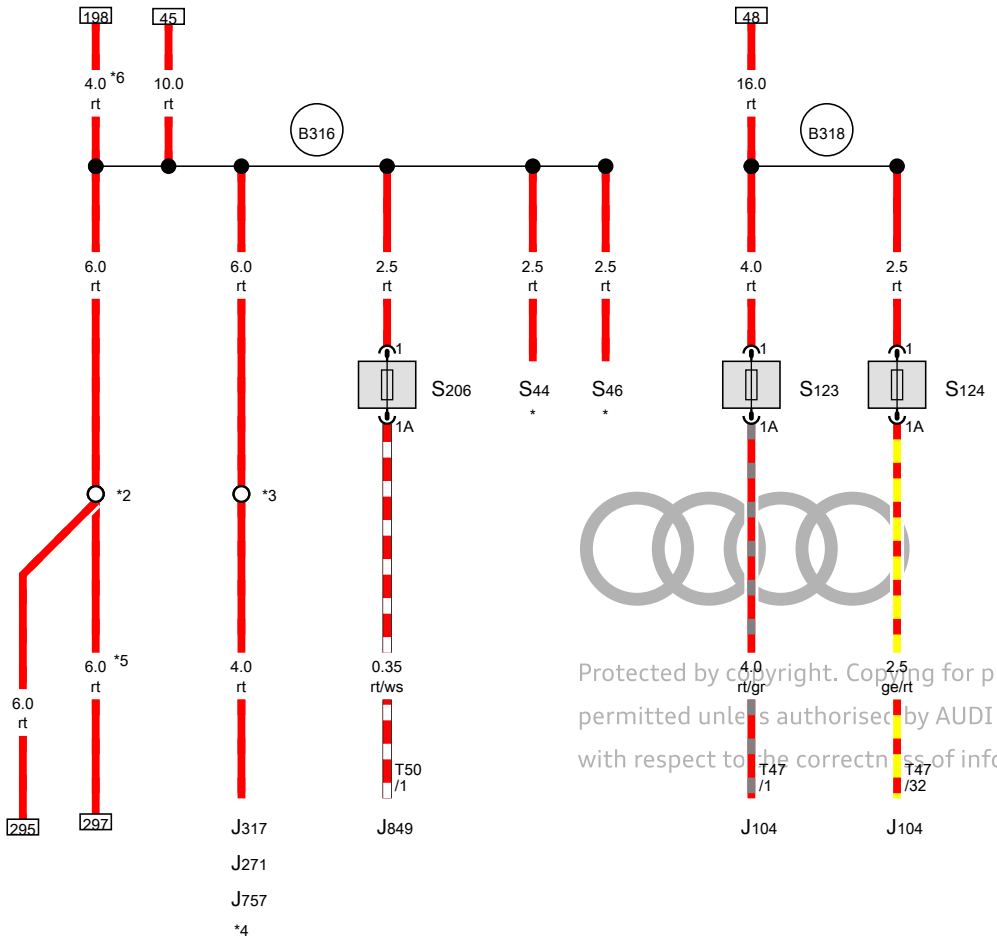


Fuse holder C, Fuse carrier 2

E1	Light switch
J527	Steering column electronics control unit
J866	Control unit for electrically adjustable steering column
SC	Fuse holder C, Fuse carrier on left of dash panel
ST2	Fuse carrier 2, brown
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T4af	4-pin connector
T6n	6-pin connector, behind steering column trim
T16e	16-pin connector
A32	Positive connection (30), in dash panel wiring harness
*	see applicable current flow diagram
*2	For models with heated steering wheel
*3	For models with start/stop system

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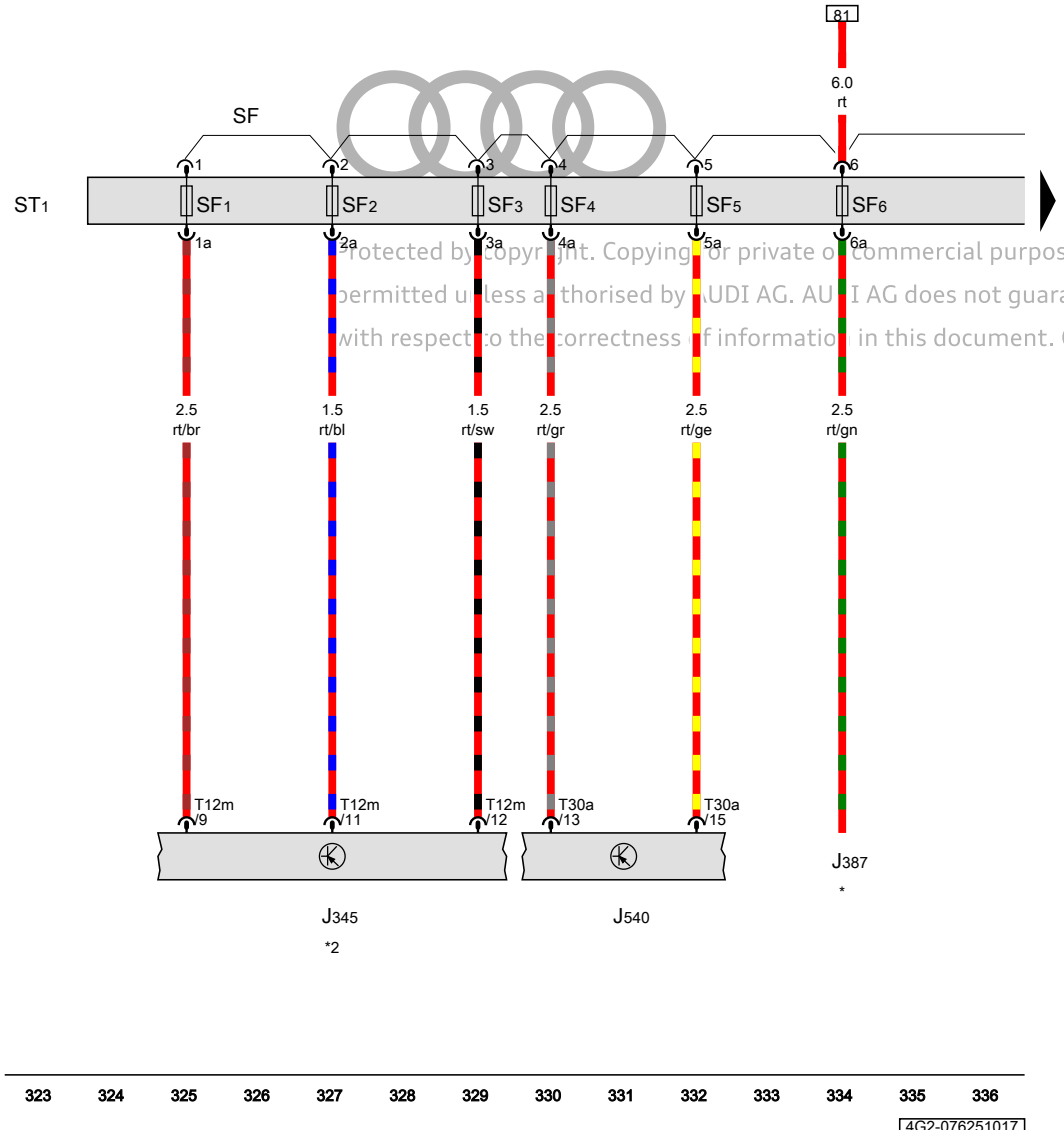
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Positive connection 2 (30a) in main wiring harness

J104	ABS control unit
J271	Main relay
J317	Terminal 30 voltage supply relay
J757	Engine component current supply relay
J849	Control unit for sensor electronics
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S206	Fuse 3 (30)
T47	47-pin connector
T50	50-pin connector
B316	Positive connection 2 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for seat adjustment
*2	Relay carrier on left under dash panel
*3	Threaded connection, in E-box in plenum chamber
*4	see applicable current flow diagram for engine
*5	For models with start/stop system
*6	For models with hybrid drive system

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sw	=	black
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rt	=	red
br	=	brown
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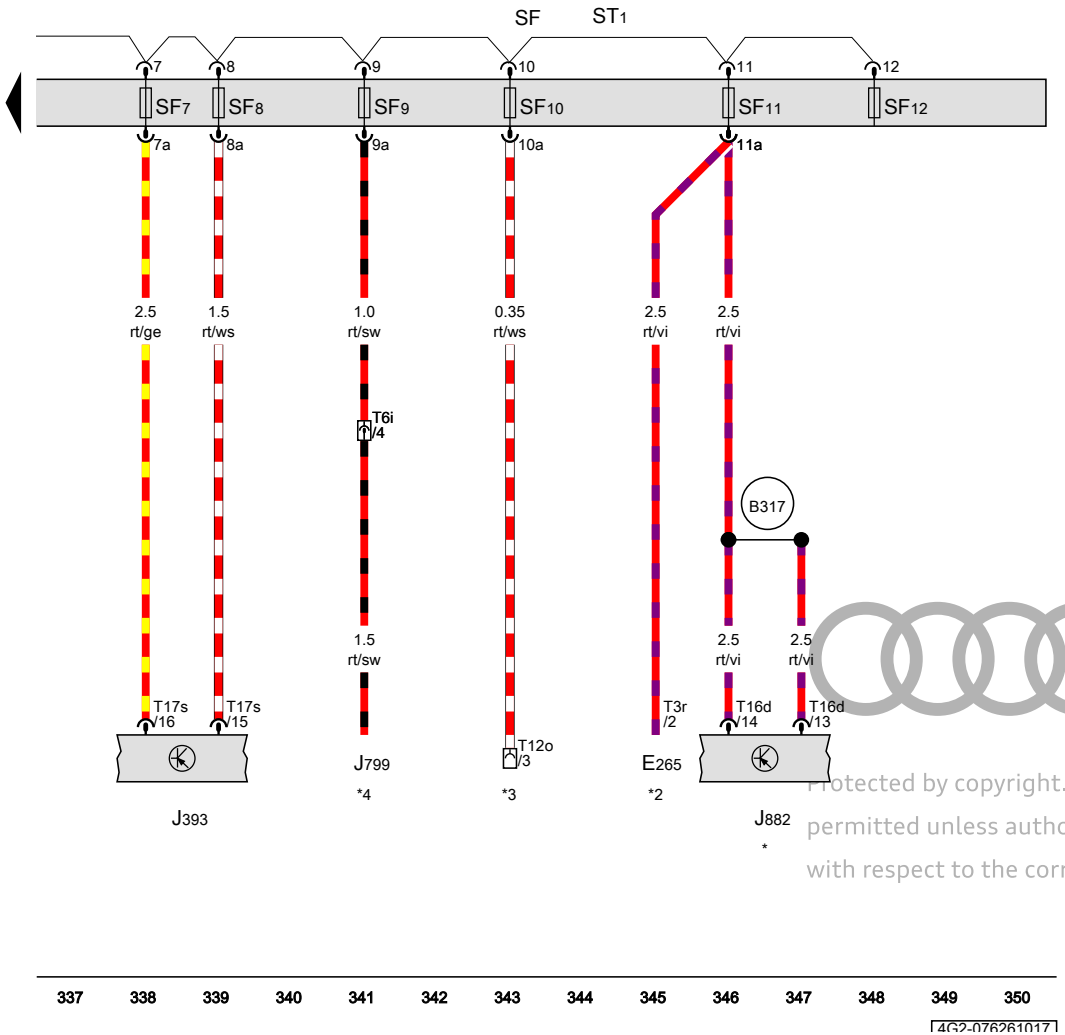


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Fuse holder F, Fuse carrier 1

J345	Trailer detector control unit
J387	Front passenger door control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T12m	12-pin connector
T30a	30-pin connector
*	see applicable current flow diagram for convenience system
*2	For models with trailer socket

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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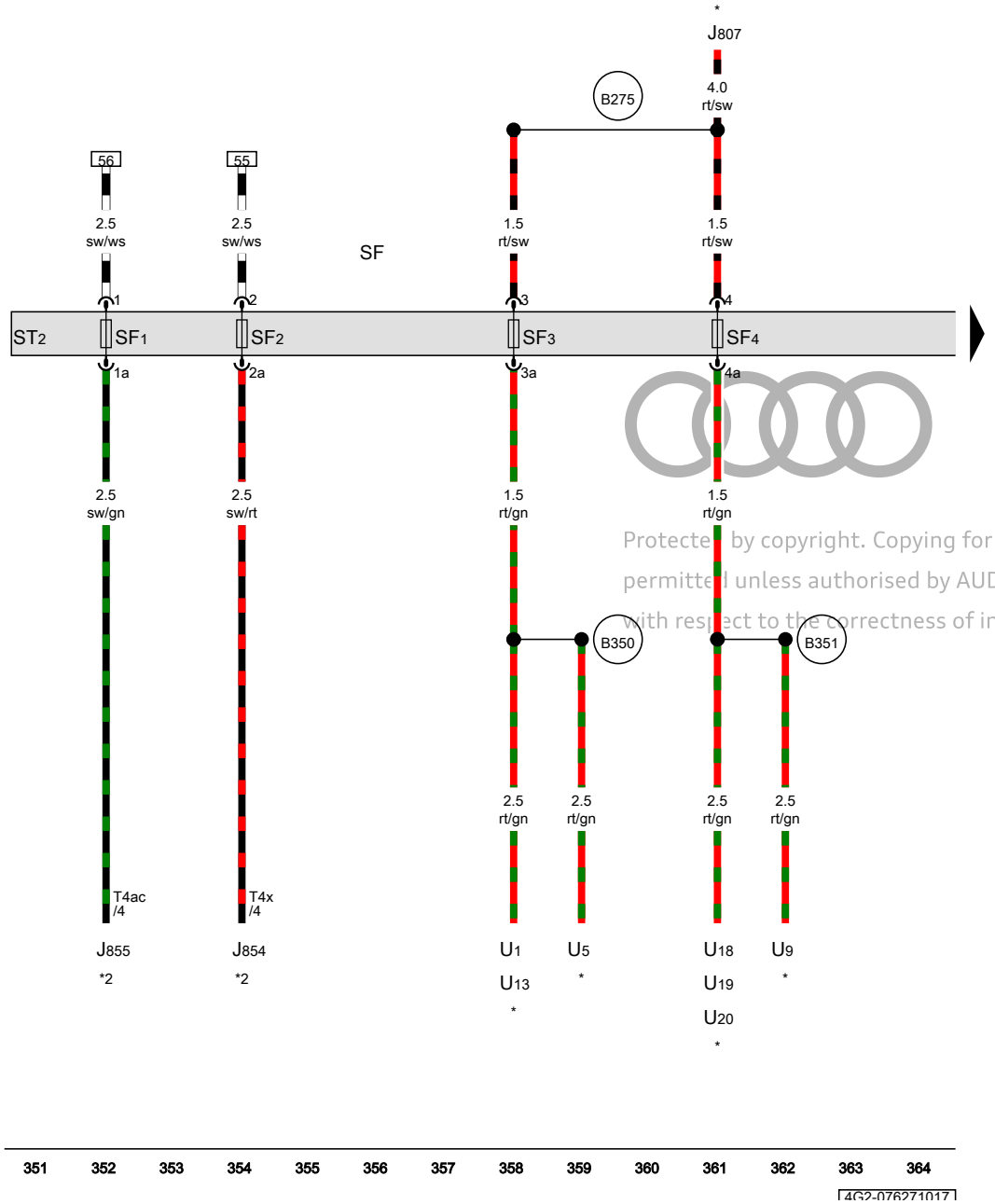


Fuse holder F, Fuse carrier 1

E265	Operating and display unit for rear air conditioning system
J393	Convenience system central control unit
J799	Control unit for front right seat ventilation
J882	Seat heating control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T3r	3-pin connector
T6i	6-pin connector, in coupling point for front seat, right
T12o	12-pin connector, on right in luggage compartment
T16d	16-pin connector
T17s	17-pin connector
B317	Positive connection 3 (30a) in main wiring harness
*	Automatic air conditioning system, basic Climatronic
*2	Automatic air conditioning system, luxury Climatronic
*3	For models with interface for special functions
*4	For models with seat ventilation

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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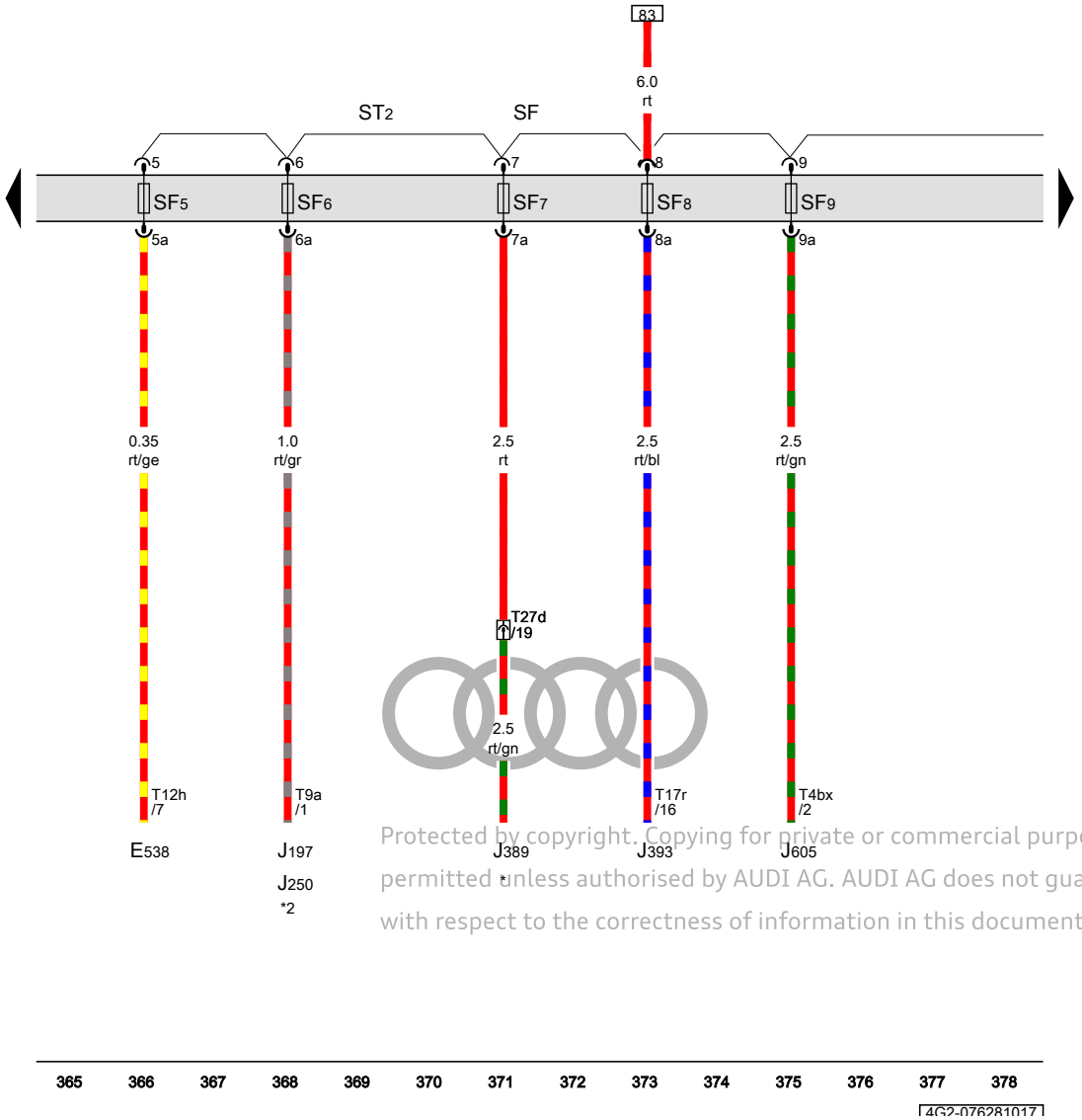


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Fuse holder F, Fuse carrier 2

J807	Relay for power sockets
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2, red
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T4ac	4-pin connector
T4x	4-pin connector
U1	Cigarette lighter
U5	12 V socket
U9	Rear cigarette lighter
U13	DC/AC converter with socket, 12 V - 230 V
U18	12 V socket 2
U19	12 V socket 3
U20	12 V socket 4
B275	Positive connection (87), in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for airbag

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuse holder F, Fuse carrier 2

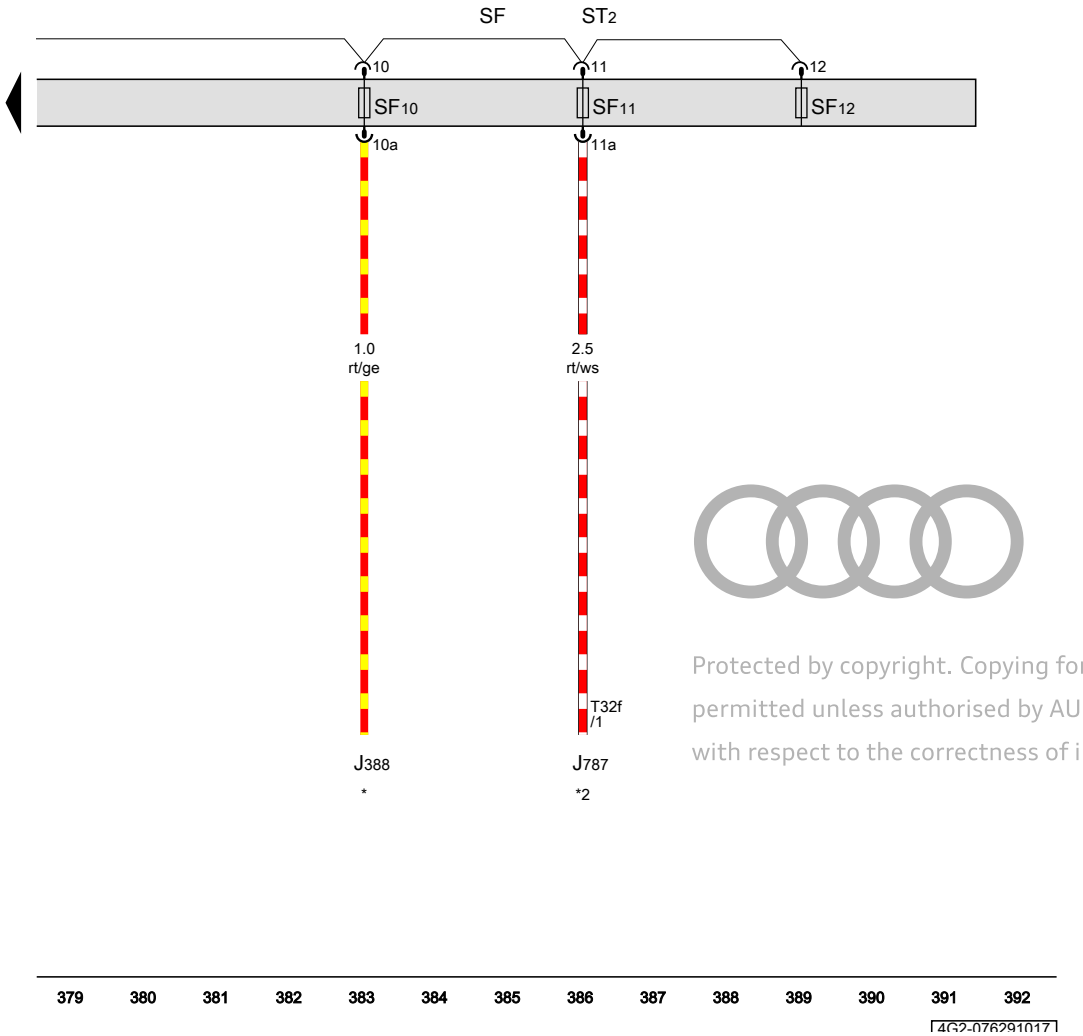
E538	Electromechanical parking brake button
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J605	Rear lid control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T9a	9-pin connector
T12h	12-pin connector
T17r	17-pin connector
T27d	27-pin connector, on right B-pillar
*	see applicable current flow diagram for convenience system
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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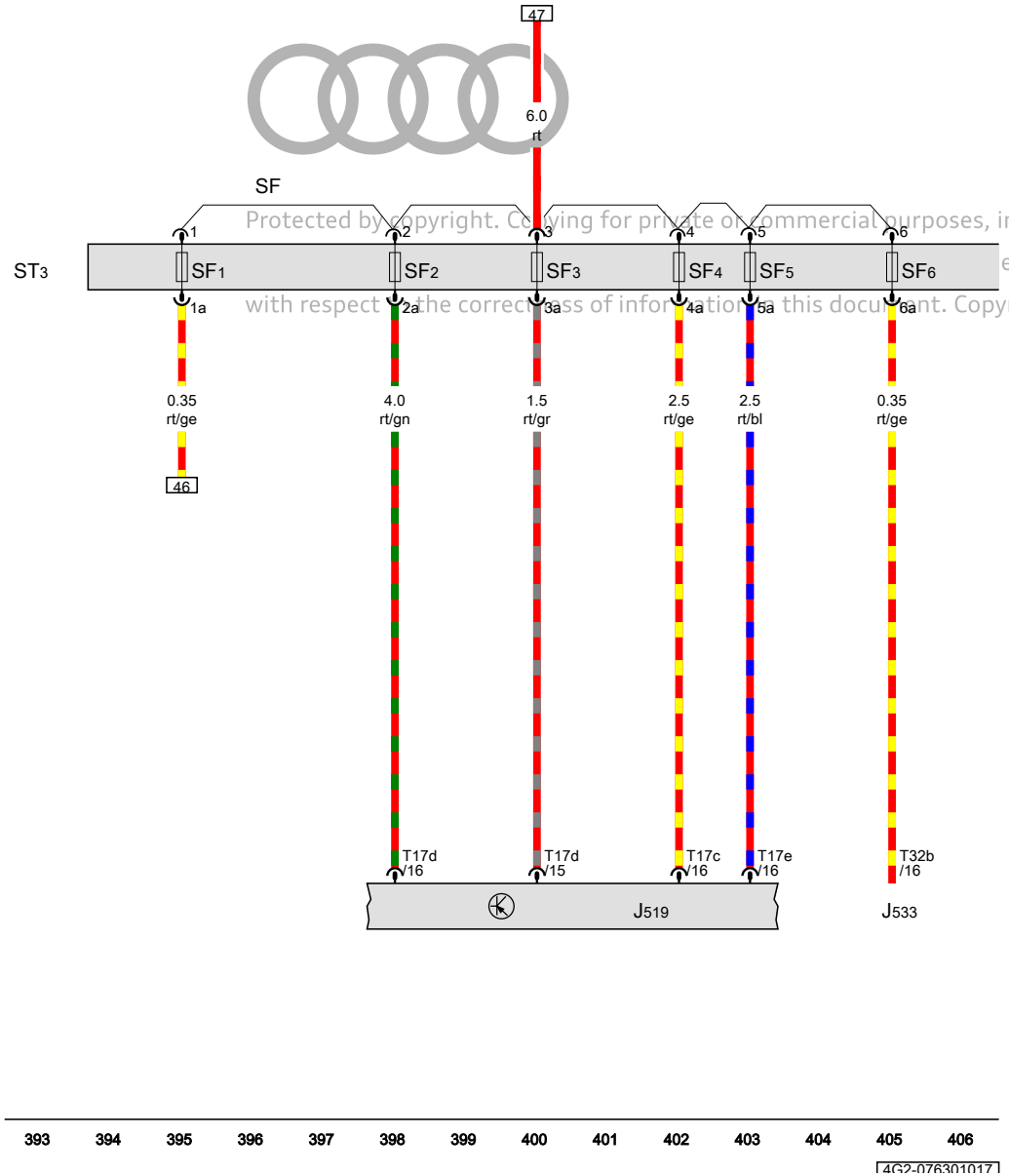
Fuse holder F, Fuse carrier 2

J388	Rear left door control unit
J787	Digital sound package control unit 2
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T32f	32-pin connector
*	see applicable current flow diagram for convenience system
*2	For models with Bang & Olufsen sound system



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rt	=	red
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rs	=	pink

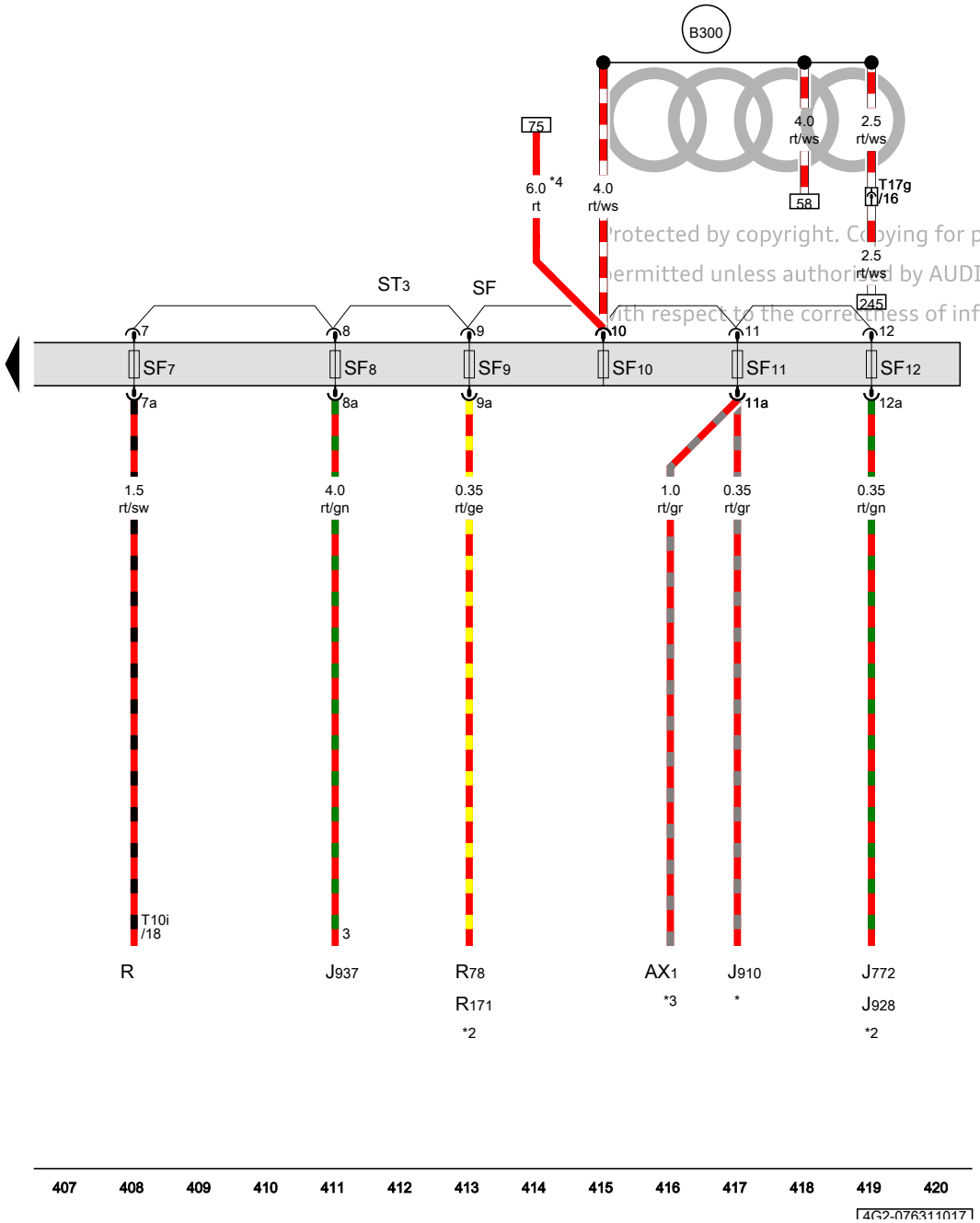


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Fuse holder F, Fuse carrier 3

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3, brown
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
T32b	32-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

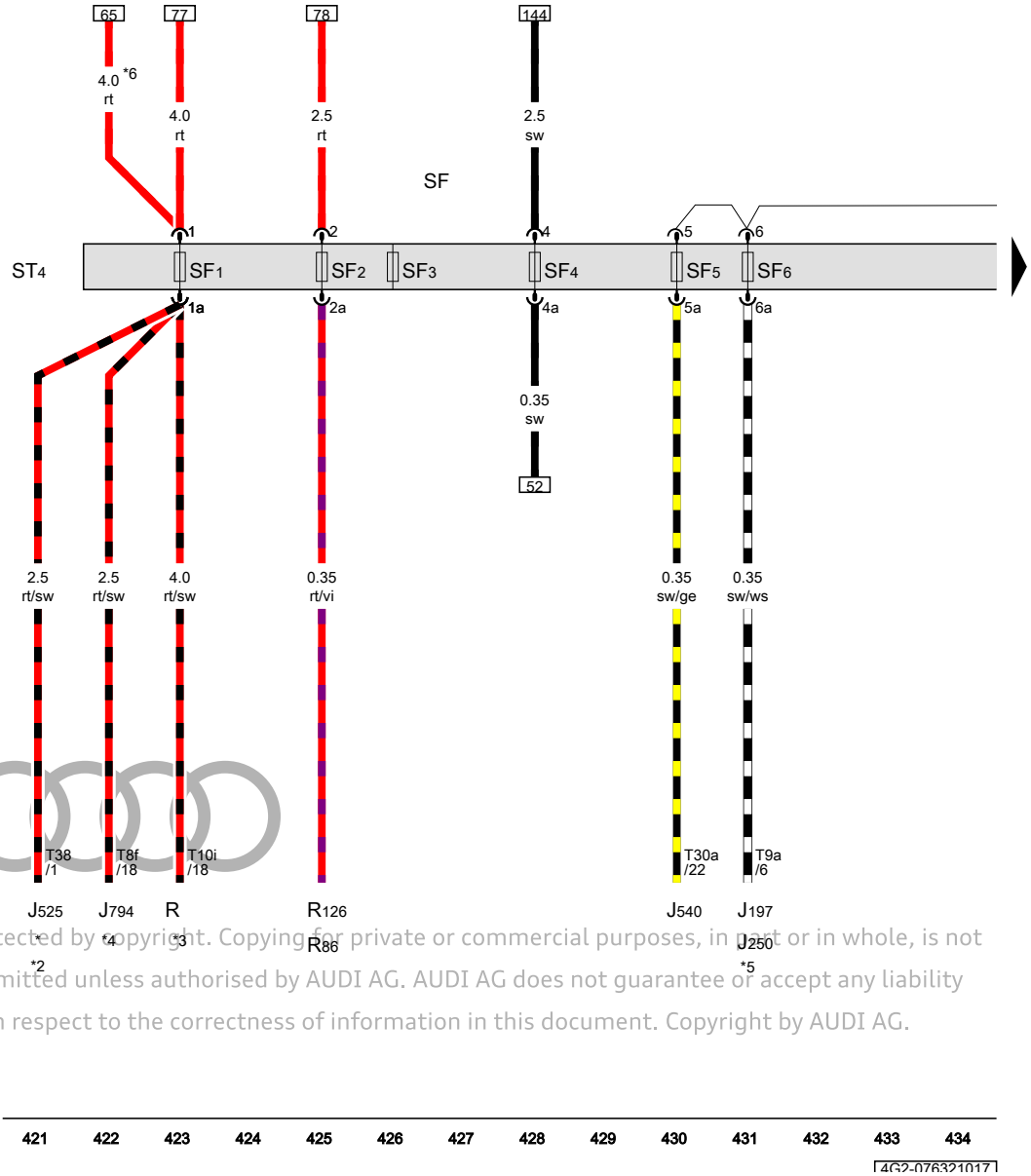


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Fuse holder F, Fuse carrier 3

AX1	Hybrid battery unit
J772	Reversing camera system control unit
J910	Relay for automatic anti-dazzle interior mirror
J928	Control unit for overhead view camera
J937	Fan enabling relay
R	Radio
R78	TV tuner
R171	Digital TV tuner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST3	Fuse carrier 3, brown
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T10i	10-pin connector
T17g	17-pin connector, in right A-pillar coupling station
B300	Positive connection 4 (30), in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	According to equipment
*3	For models with hybrid drive system
*4	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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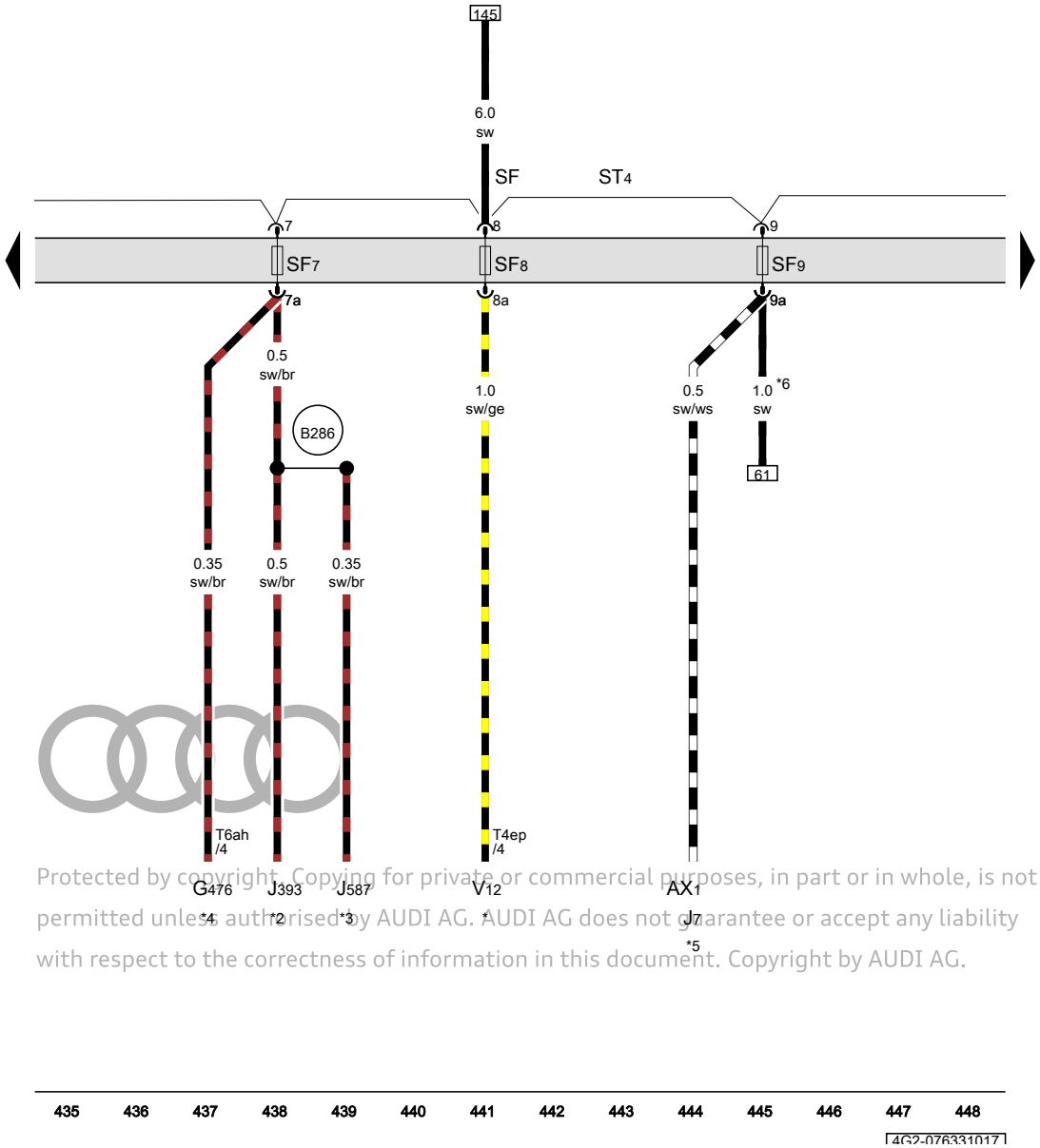
421 422 423 424 425 426 427 428 429 430 431 432 433 434

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Fuse holder F, Fuse carrier 4

J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J525	Digital sound package control unit
J540	Control unit for electromechanical parking brake
J794	Control unit 1 for information electronics
R	Radio
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4, green
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T8f	8-pin connector
T9a	9-pin connector
T10i	10-pin connector
T30a	30-pin connector
T38	38-pin connector
*	For models with BOSE sound system
*2	For models with Bang & Olufsen sound system
*3	For models with Audi sound system
*4	see applicable current flow diagram
*5	According to equipment
*6	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

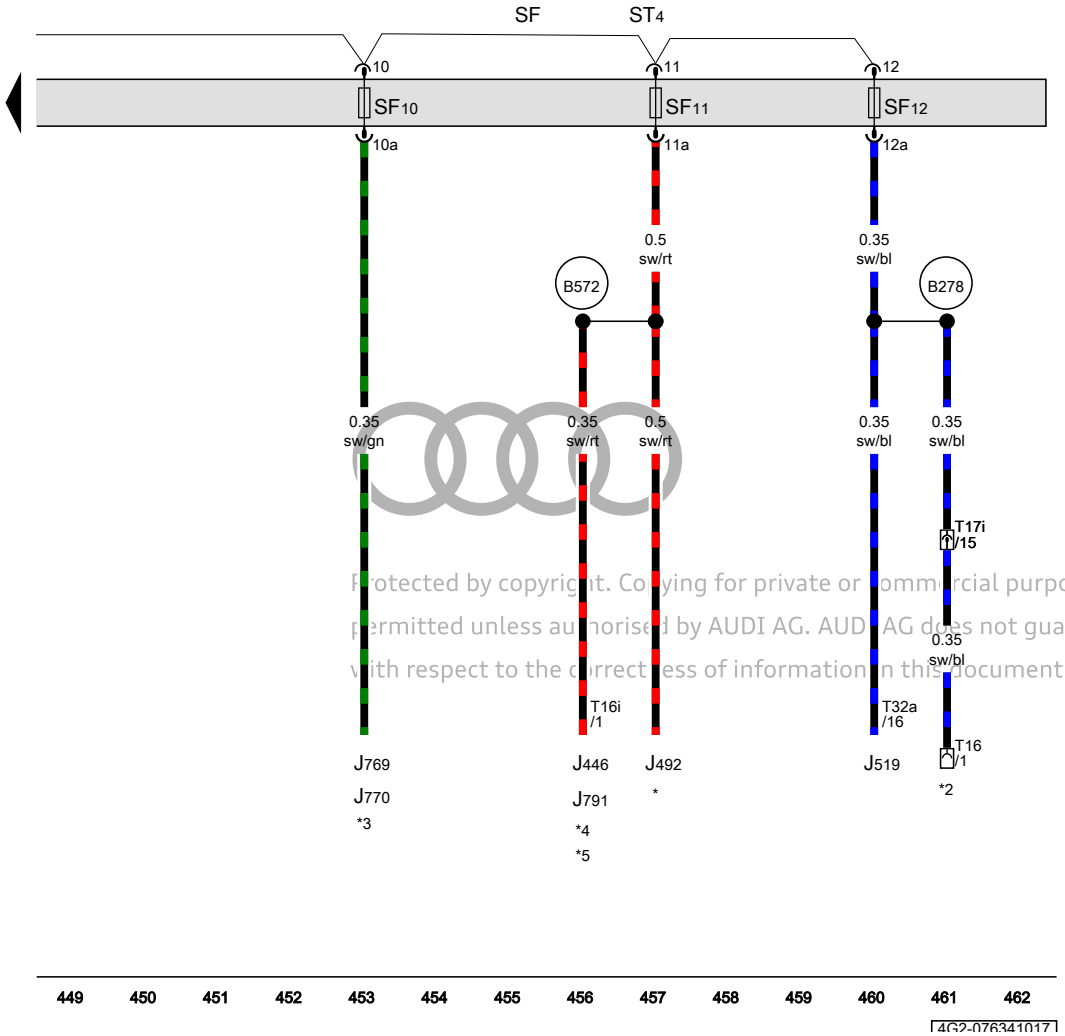


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Fuse holder F, Fuse carrier 4

AX1	Hybrid battery unit
G476	Clutch position sender
J7	Battery isolation relay
J393	Convenience system central control unit
J587	Selector lever sensors control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST4	Fuse carrier 4, green
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
T4ep	4-pin connector
T6ah	6-pin connector
V12	Rear window wiper motor
B286	Positive connection 10 (15a) in main wiring harness
*	Avant
*2	see applicable current flow diagram for convenience system
*3	see applicable current flow diagram for automatic gearbox
*4	see applicable current flow diagram for engine
*5	For models with hybrid drive system
*6	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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rs	=	pink

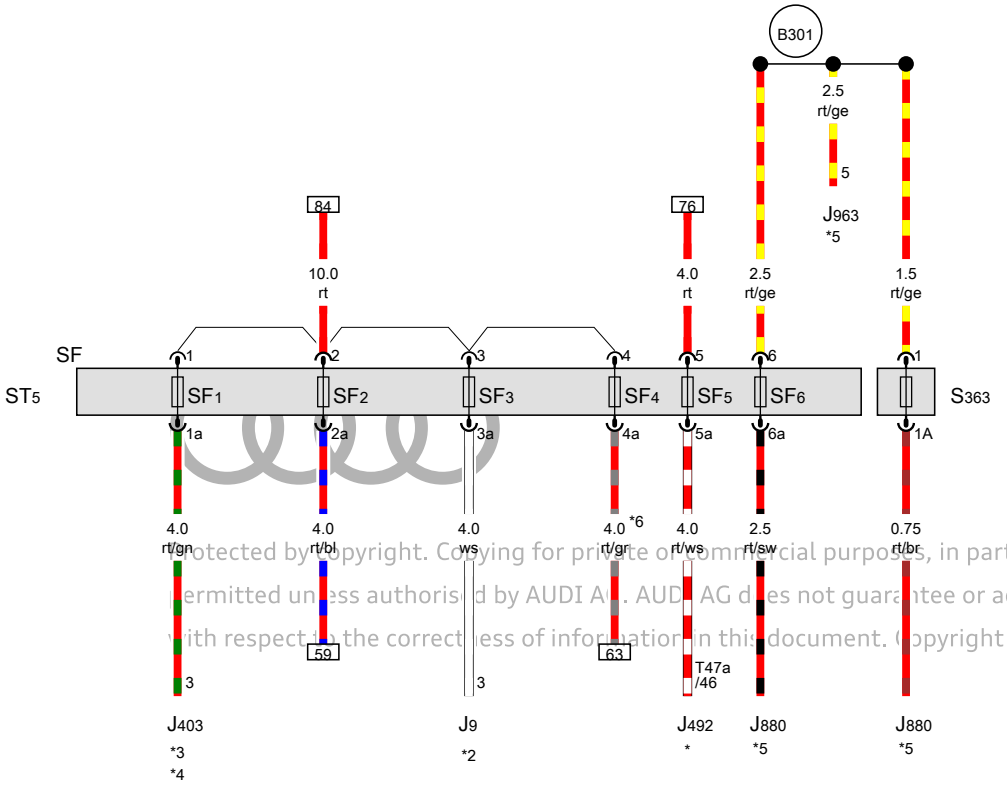


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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder F, Fuse carrier 4

J446	Parking aid control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J791	Park assist steering control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST4	Fuse carrier 4, green
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T16	16-pin connector
T16i	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
B278	Positive connection 2 (15a) in main wiring harness
B572	Connection 39, in main wiring harness
*	For models with all-wheel drive
*2	Diagnostic connection
*3	see applicable current flow diagram for lane change assist
*4	For models with park assist steering
*5	For models with parking aid (PDC)



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Fuse holder F, Fuse carrier 5

J9	Heated rear window relay
J403	Adaptive suspension compressor relay
J492	All-wheel drive control unit
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5, black
SF6	Fuse 6 in fuse holder F
S363	Fuse (30) for reducing agent metering system
T47a	47-pin connector
B301	Positive connection 5 (30), in main wiring harness
*	For models with all-wheel drive
*2	see applicable current flow diagram for basic equipment
*3	For models with adaptive suspension
*4	see applicable current flow diagram
*5	see applicable current flow diagram for engine
*6	For models with 400 W voltage stabiliser

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

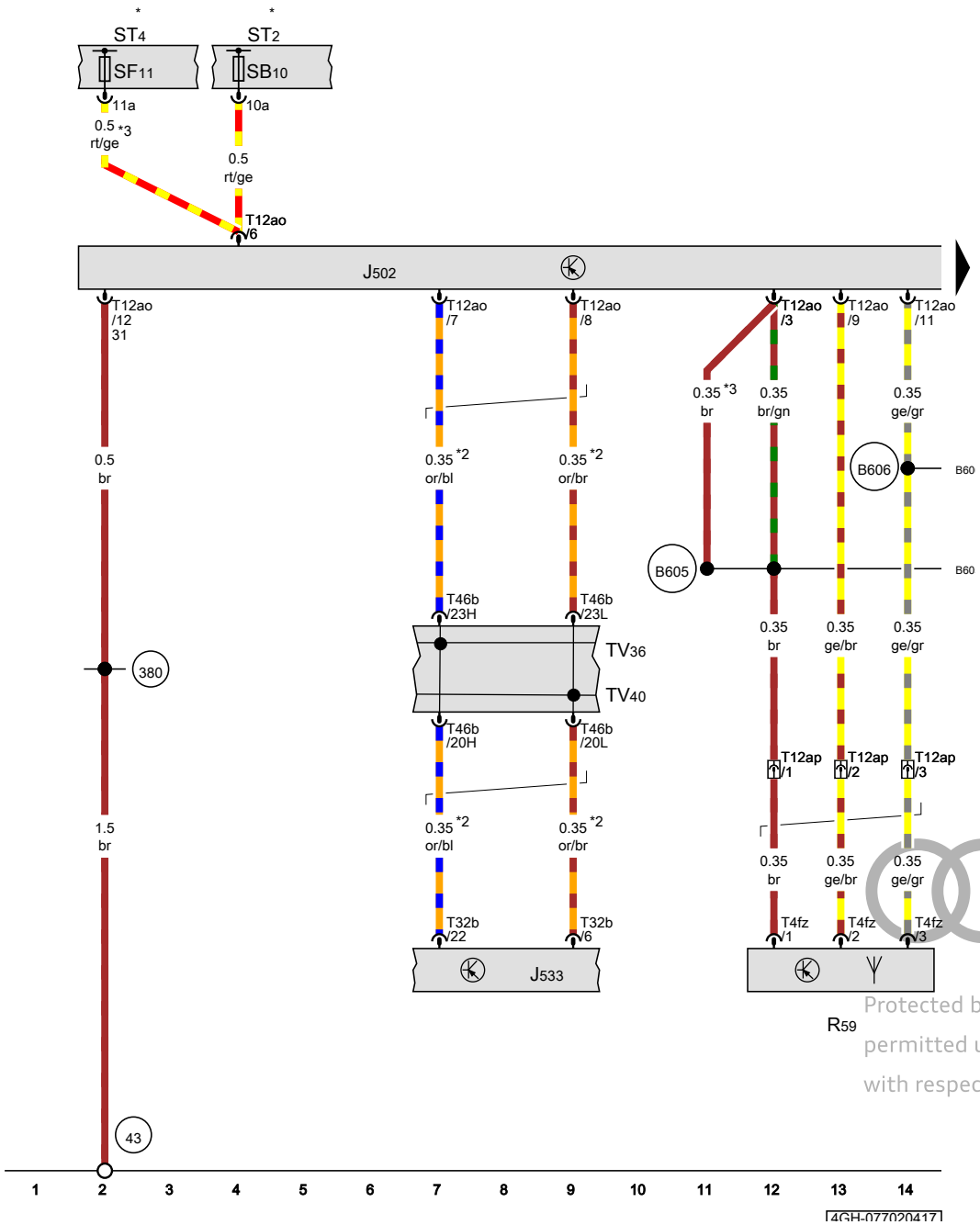
463 464 465 466 467 468 469 470 471 472 473 474 475 476

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Tyre Pressure Monitoring System , (7K3),(7K4)

From June 2012

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Tyre Pressure Monitoring System control unit, Front left
Tyre Pressure Monitoring System aerial, Wiring junction for dash panel insert CAN bus, high

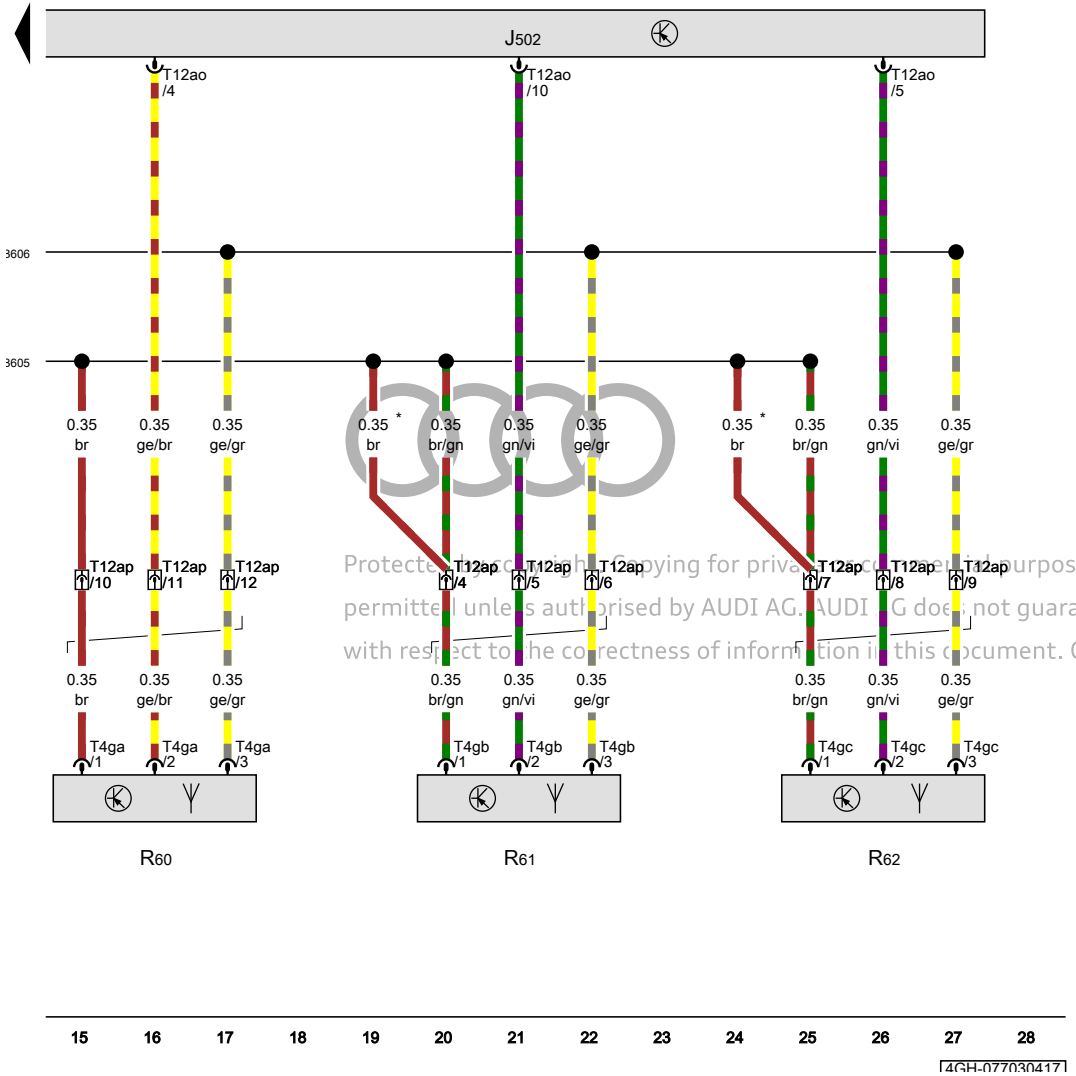
J502	Tyre Pressure Monitoring System control unit
J533	Data bus diagnostic interface
R59	Front left Tyre Pressure Monitoring System aerial
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SB10	Fuse 10 on fuse holder B
SF11	Fuse 11 in fuse holder F
T4fz	4-pin connector
T12ao	12-pin connector
T12ap	12-pin connector, under centre console
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
43	Earth point, lower part of right A-pillar
380	Earth connection 15, in main wiring harness
B605	Connection 1, in interior wiring harness
B606	Connection 2, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Tyre Pressure Monitoring System control unit, Rear left Tyre Pressure Monitoring System aerial

J502	Tyre Pressure Monitoring System control unit
R60	Front right Tyre Pressure Monitoring System aerial
R61	Rear left Tyre Pressure Monitoring System aerial
R62	Rear right Tyre Pressure Monitoring System aerial
T4ga	4-pin connector
T4gb	4-pin connector
T4gc	4-pin connector
T12ao	12-pin connector
T12ap	12-pin connector, under centre console
B605	Connection 1, in interior wiring harness
B606	Connection 2, in interior wiring harness
*	From June 2014



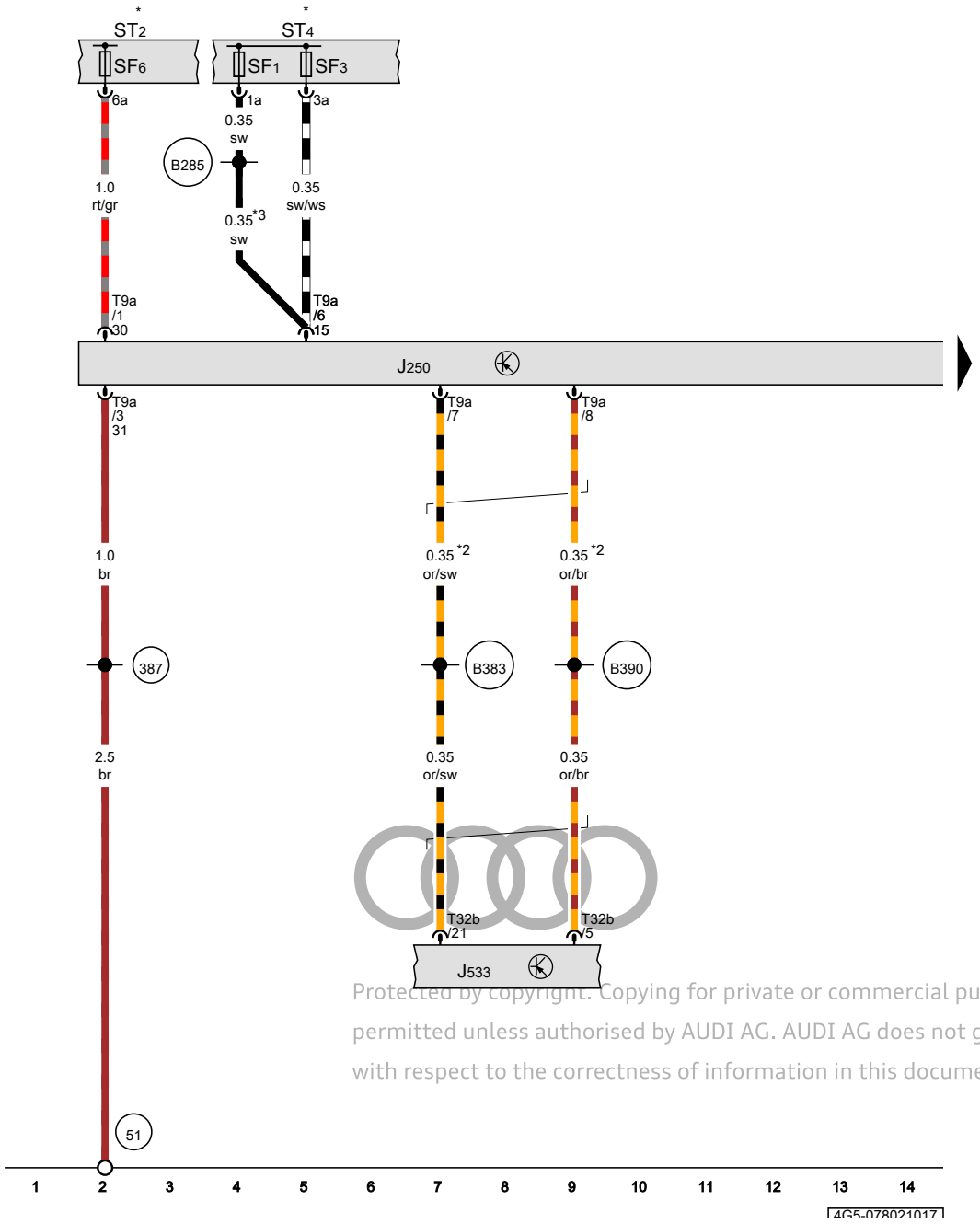
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Dynamic Ride Control , (1BV),(2MB),(2MC)

From November 2012

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Electronically controlled damping control unit

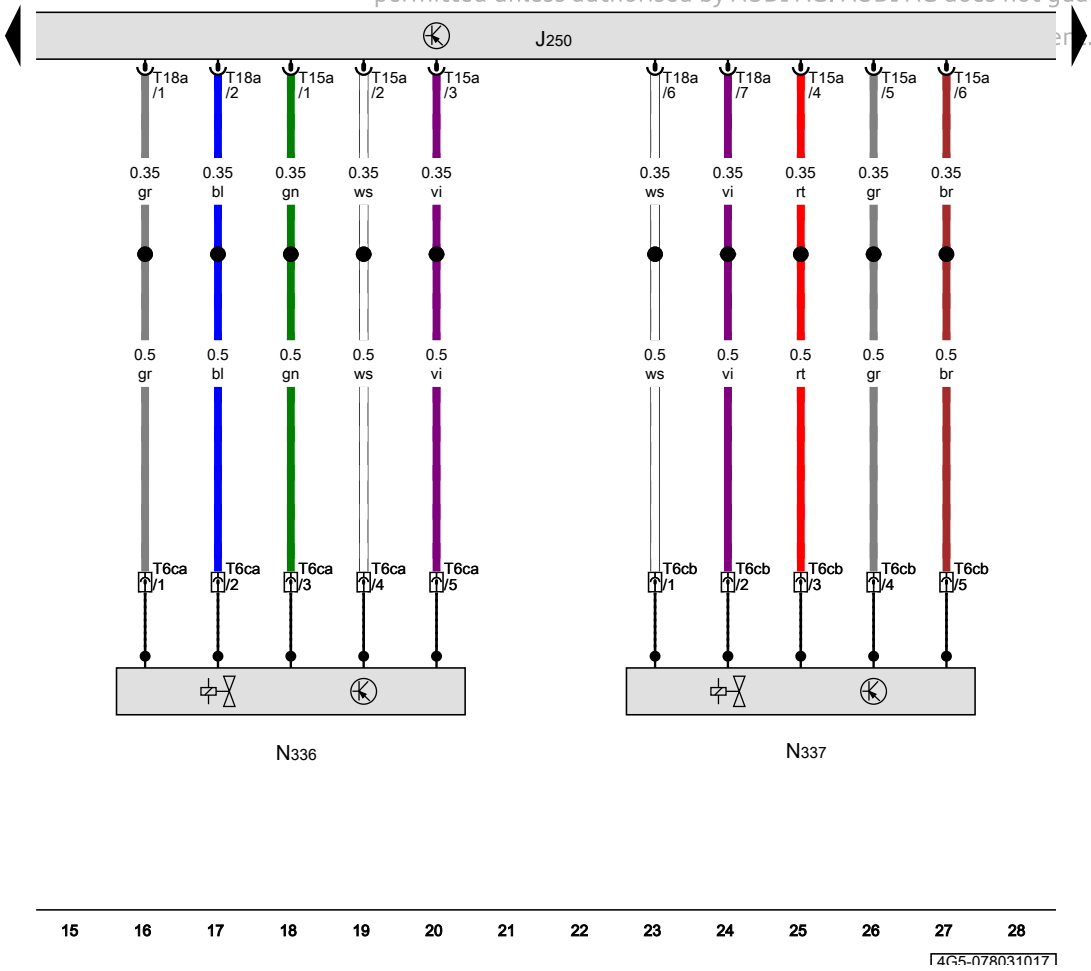
J250	Electronically controlled damping control unit
J533	Data bus diagnostic interface
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
T9a	9-pin connector, grey
T32b	32-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve

J250	Electronically controlled damping control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
T6ca	6-pin connector, on front left suspension strut, black
T6cb	6-pin connector, on front right suspension strut, black
T15a	15-pin connector, purple
T18a	18-pin connector, grey

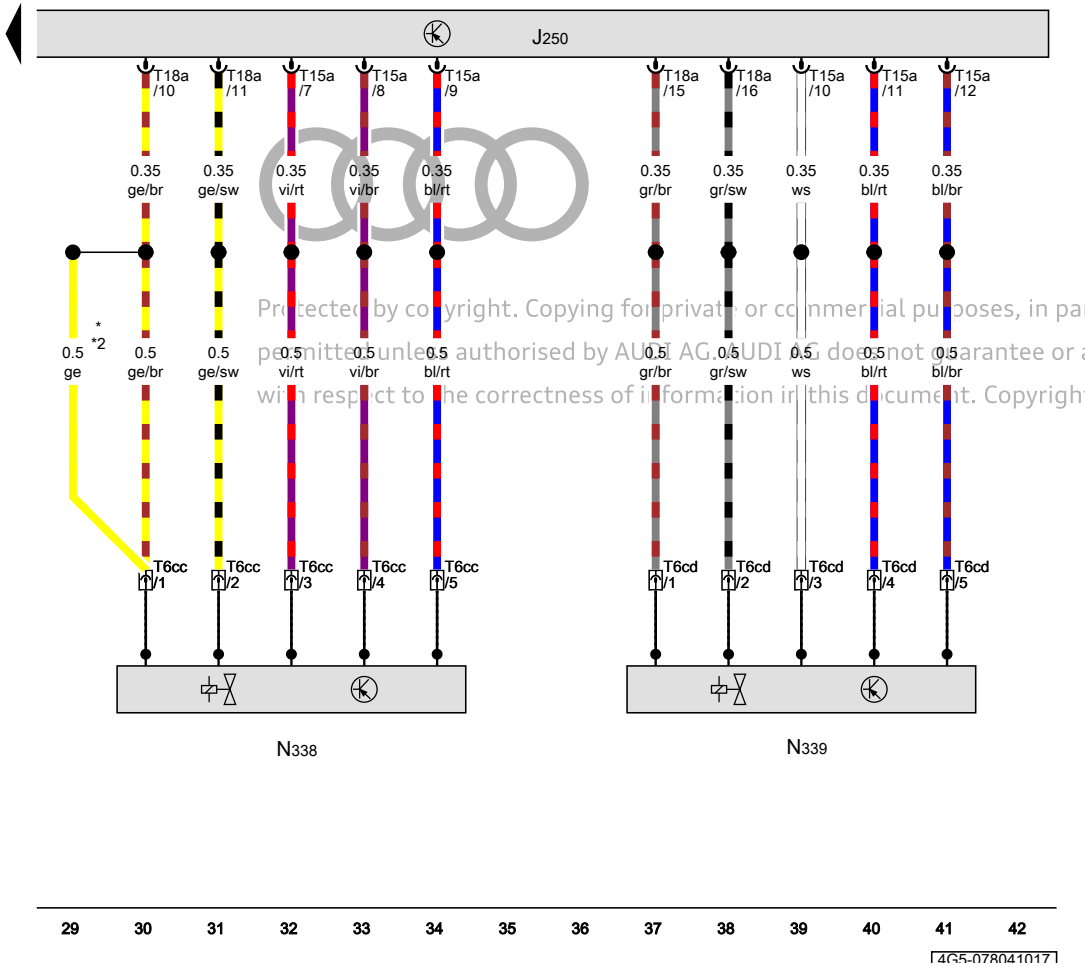
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Electronically controlled damping control unit, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

J250	Electronically controlled damping control unit
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T6cc	6-pin connector, on rear left suspension turret, black
T6cd	6-pin connector, on rear right suspension turret, black
T15a	15-pin connector, purple
T18a	18-pin connector, grey
*	Avant
*2	gradual introduction



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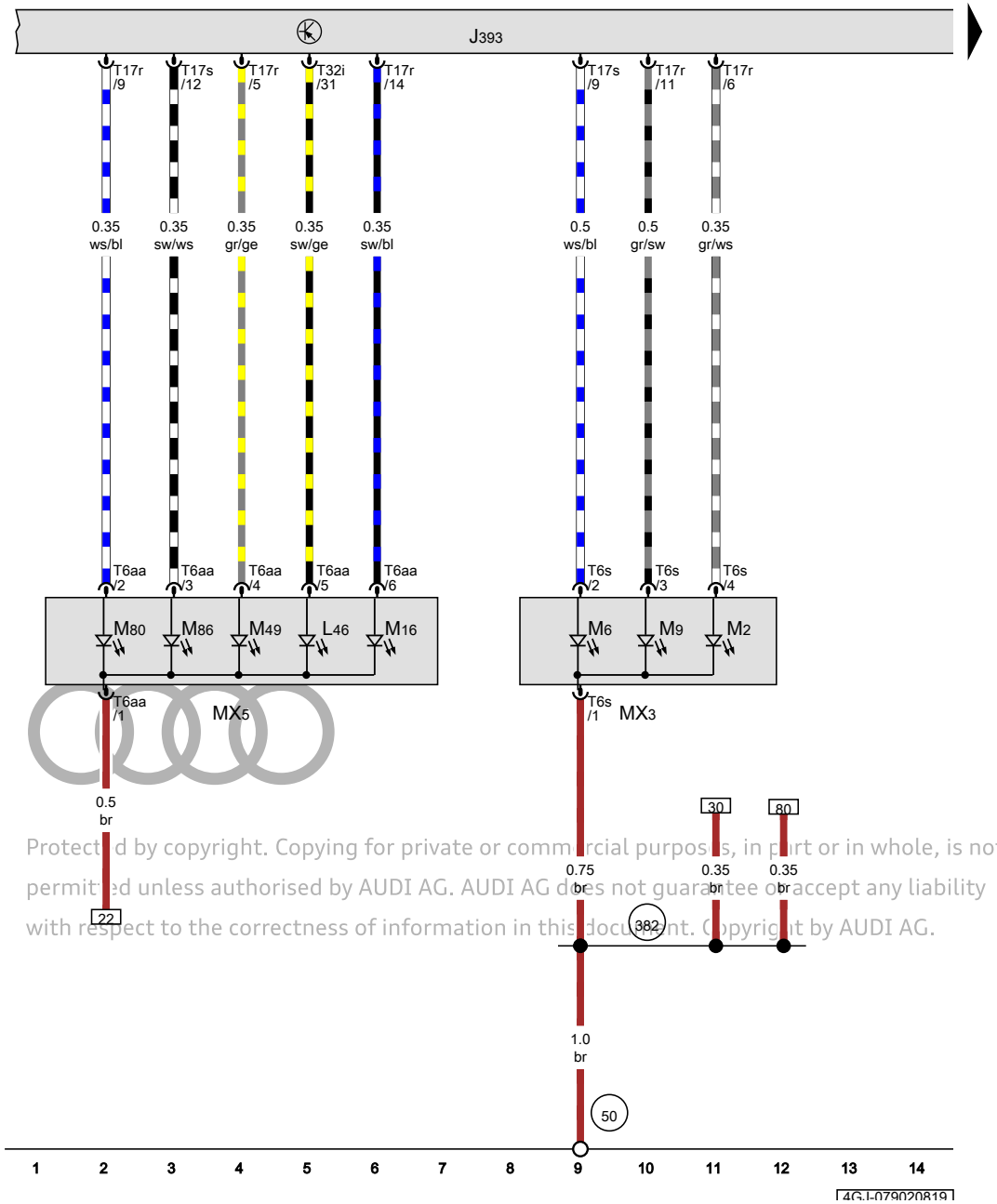
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Avant, rear

From September 2014

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Convenience system central control unit, Left brake light bulb, Left brake light bulb 2

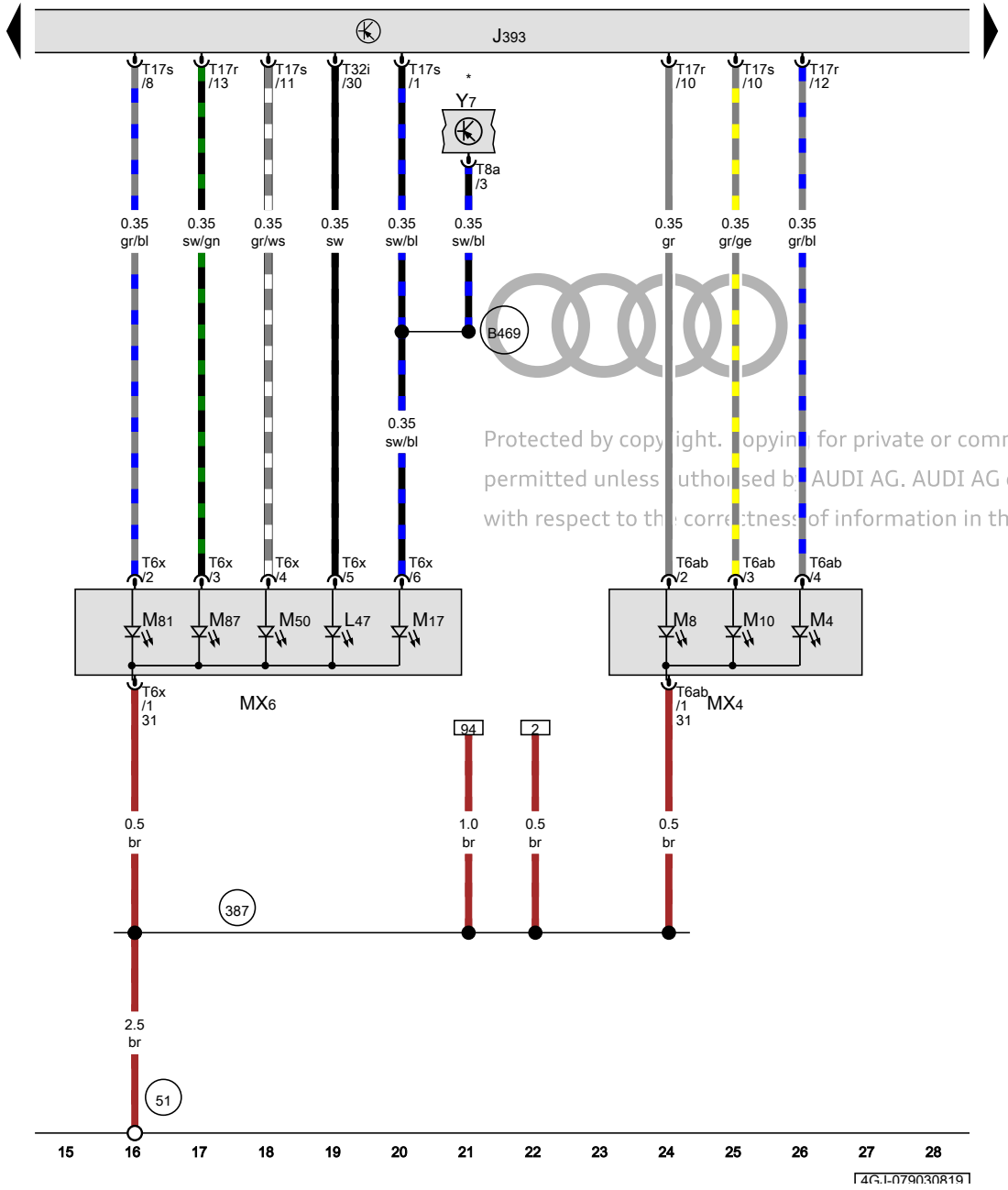


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J393	Convenience system central control unit
L46	Rear left fog light bulb
M2	Right tail light bulb
MX3	Left tail light cluster
MX5	Left tail light cluster 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M86	Left brake light bulb 2
T6aa	6-pin connector
T6s	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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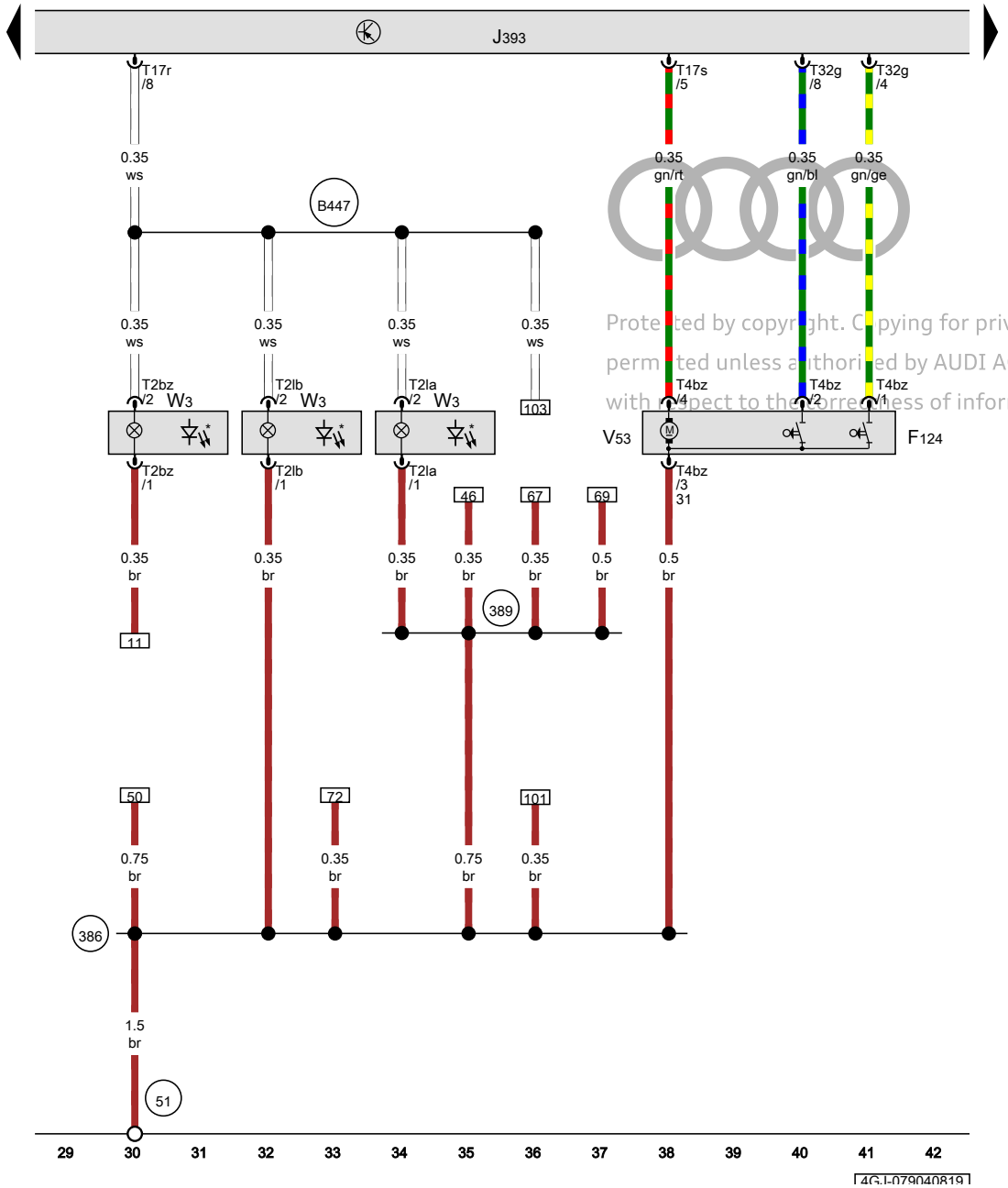
Convenience system central control unit, Rear right fog light bulb, Rear right turn signal bulb, Bulb 2 for rear right turn signal



J393	Convenience system central control unit
L47	Rear right fog light bulb
MX4	Right tail light cluster
M4	Left tail light bulb
MX6	Right tail light cluster 2
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6ab	6-pin connector
T6x	6-pin connector
T8a	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
Y7	Automatic anti-dazzle interior mirror
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
*	see applicable current flow diagram for basic equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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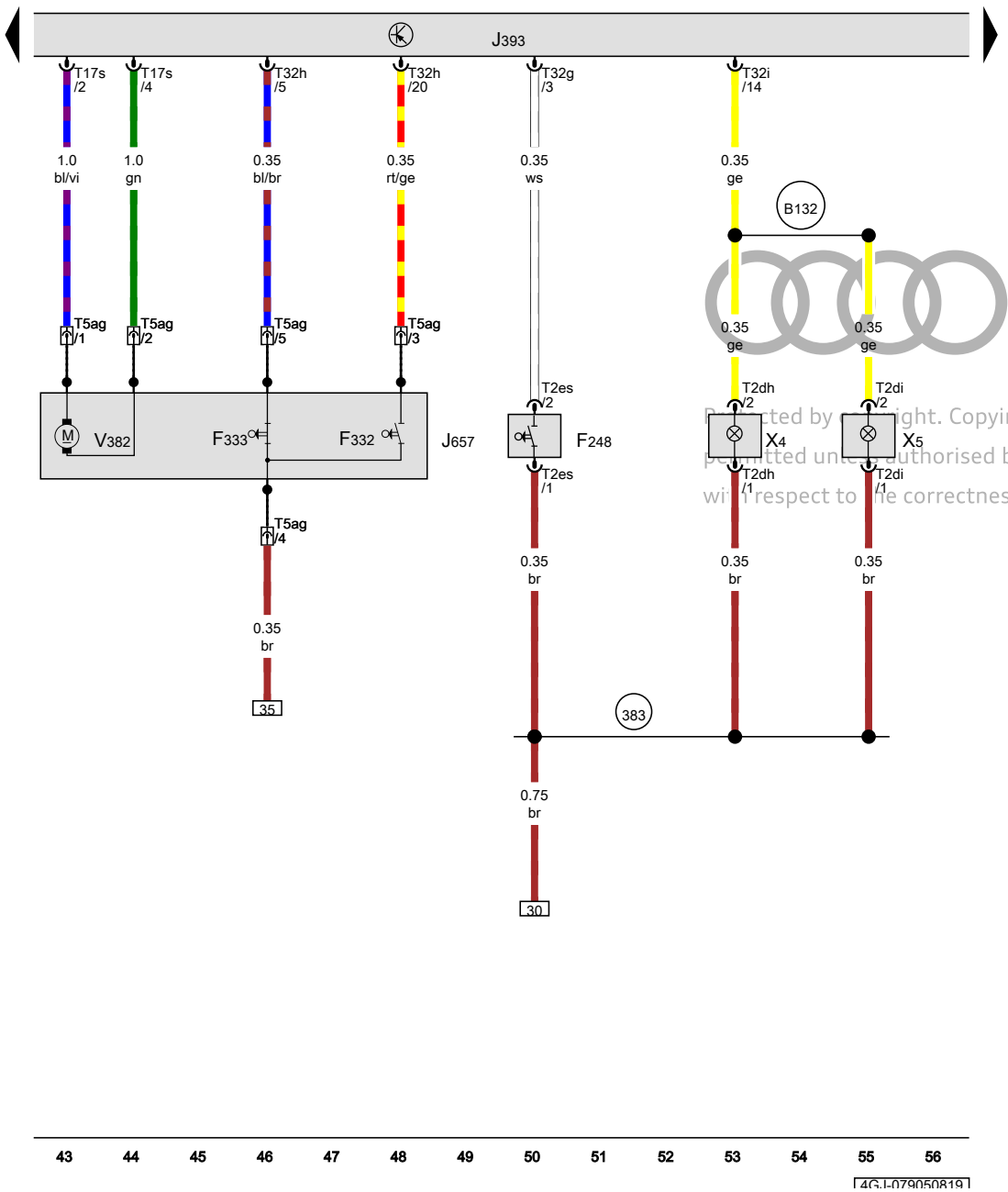


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Convenience system central control unit, Rear lid central locking motor, Luggage compartment light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
J393	Convenience system central control unit
T2bz	2-pin connector
T2la	2-pin connector
T2lb	2-pin connector
T4bz	4-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
W3	Luggage compartment light
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	From November 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

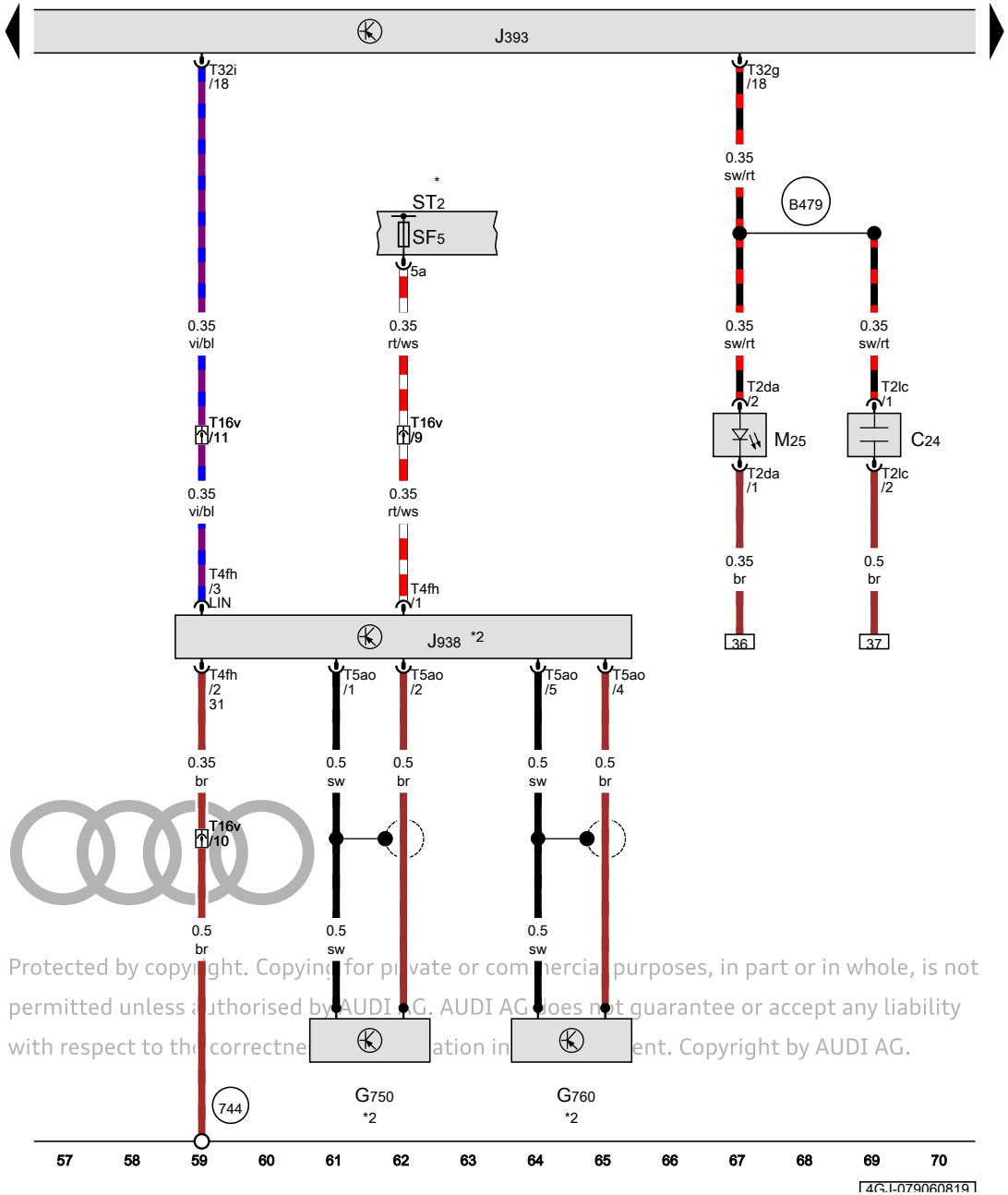


Release button for rear lid lock cylinder, Convenience system central control unit, Power latching control unit, Left number plate light, Right number plate light

F248	Release button for rear lid lock cylinder
F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32g	32-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid
X4	Left number plate light
X5	Right number plate light
383	Earth connection 18, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness

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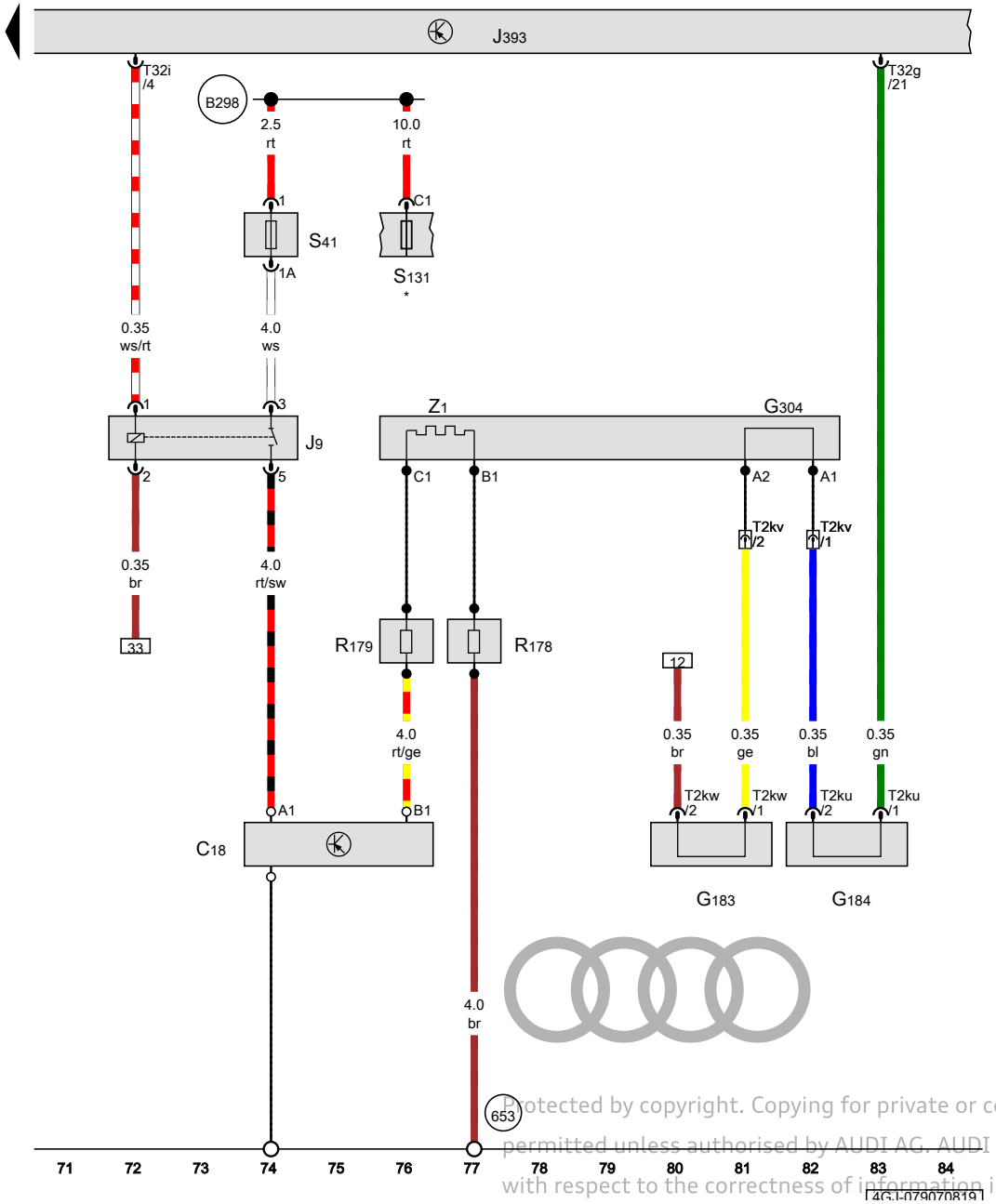


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Suppression filter, Rear lid power opening sender, Rear lid power opening sender 2, Convenience system central control unit, Rear lid power opening control unit, High-level brake light bulb

C24	Suppression filter
G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J393	Convenience system central control unit
J938	Rear lid power opening control unit
M25	High-level brake light bulb
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
T2da	2-pin connector
T2lc	2-pin connector
T4fh	4-pin connector
T5ao	5-pin connector
T16v	16-pin connector, in luggage compartment, rear right, brown
T32g	32-pin connector
T32i	32-pin connector
744	Earth point in spare wheel well
B479	Connection 15, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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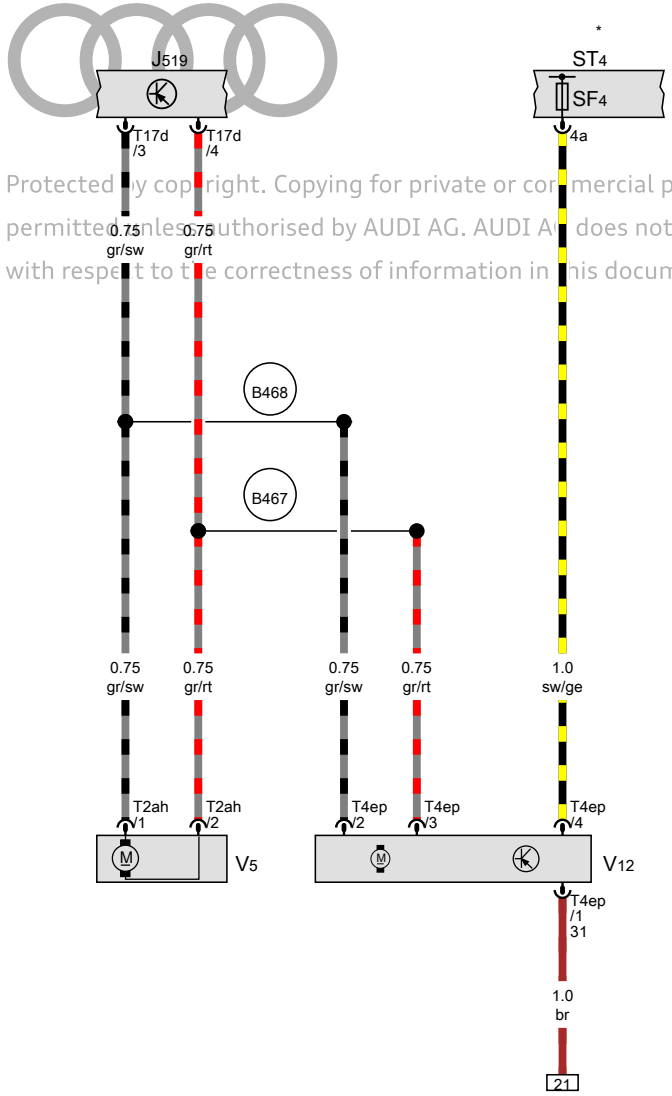


Window aerial suppression filter, Rear left side window glass breakage sensor, Rear right side window glass breakage sensor, Glass breakage sensor for rear window, Heated rear window relay, Convenience system central control unit, Heated rear window

C18	Window aerial suppression filter, behind right side trim in luggage compartment
G183	Rear left side window glass breakage sensor
G184	Rear right side window glass breakage sensor
G304	Glass breakage sensor for rear window
J9	Heated rear window relay, on relay and fuse carrier, on right in luggage compartment
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse, on relay and fuse carrier, on right in luggage compartment
S131	Fuse 1
T2ku	2-pin connector
T2kv	2-pin connector, on rear window
T2kw	2-pin connector
T32g	32-pin connector
T32i	32-pin connector
Z1	Heated rear window
653	Earth point, on left D-pillar
B298	Positive connection 2 (30), in main wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment

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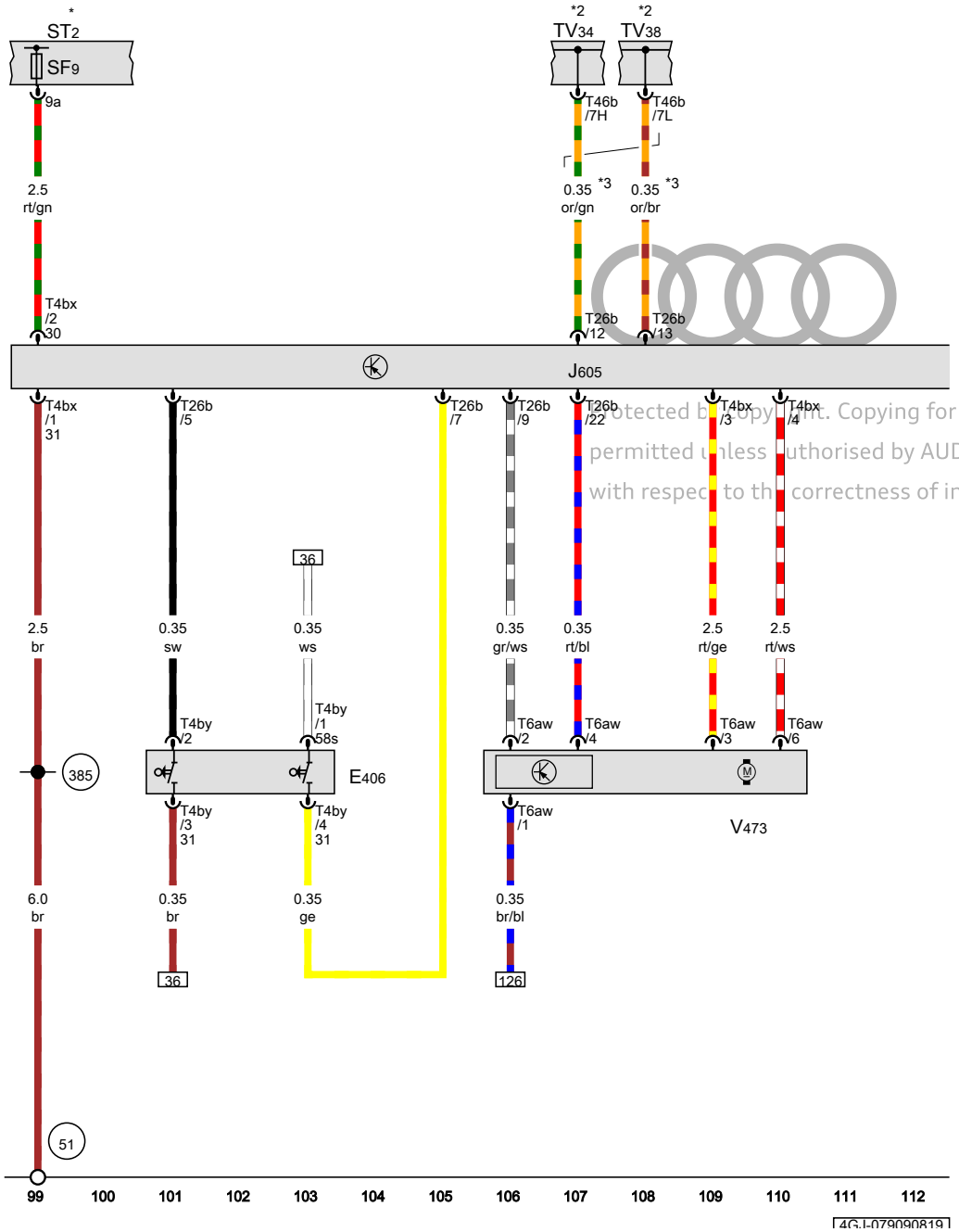
85 86 87 88 89 90 91 92 93 94 95 96 97 98

4G1-0790808191

Onboard supply control unit, Washer pump, Rear window wiper motor

J519	Onboard supply control unit
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T2ah	2-pin connector
T4ep	4-pin connector
T17d	17-pin connector, black
V5	Washer pump
V12	Rear window wiper motor
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Button to close rear lid in luggage compartment, Rear lid control unit, Motor 1 for luggage compartment cover

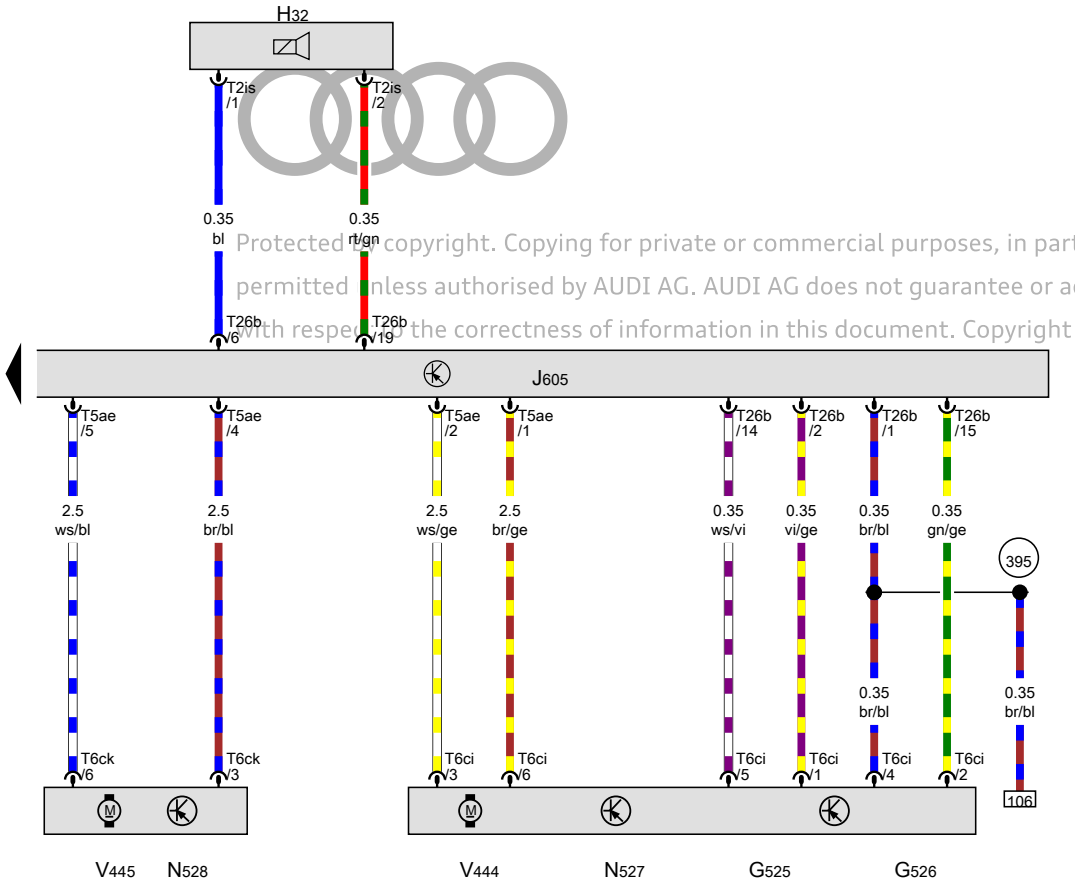
E406	Button to close rear lid in luggage compartment
J605	Rear lid control unit
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T6aw	6-pin connector
T26b	26-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV38	Wiring junction for convenience CAN bus, low, on relay and fuse carrier, on right in luggage compartment
V473	Motor 1 for luggage compartment cover
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Data bus wire (CAN bus)

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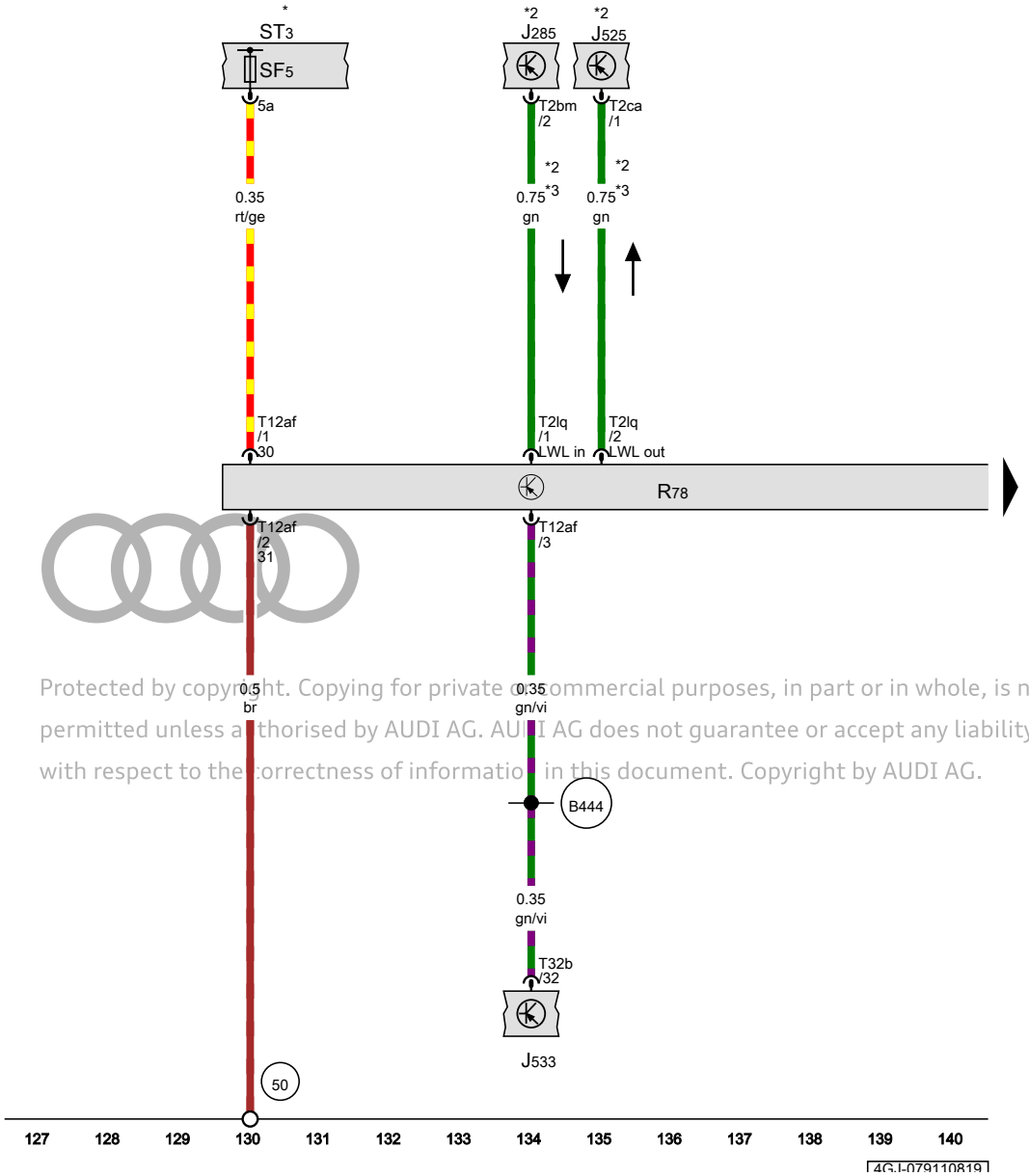
Rear lid closed sender 1, Rear lid warning buzzer, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
H32	Rear lid warning buzzer
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
N528	Clutch in motor 2 for rear lid
T2is	2-pin connector
T5ae	5-pin connector
T6ci	6-pin connector
T6ck	6-pin connector
T26b	26-pin connector
V444	Motor 1 for rear lid
V445	Motor 2 for rear lid
395	Earth connection 30, in main wiring harness



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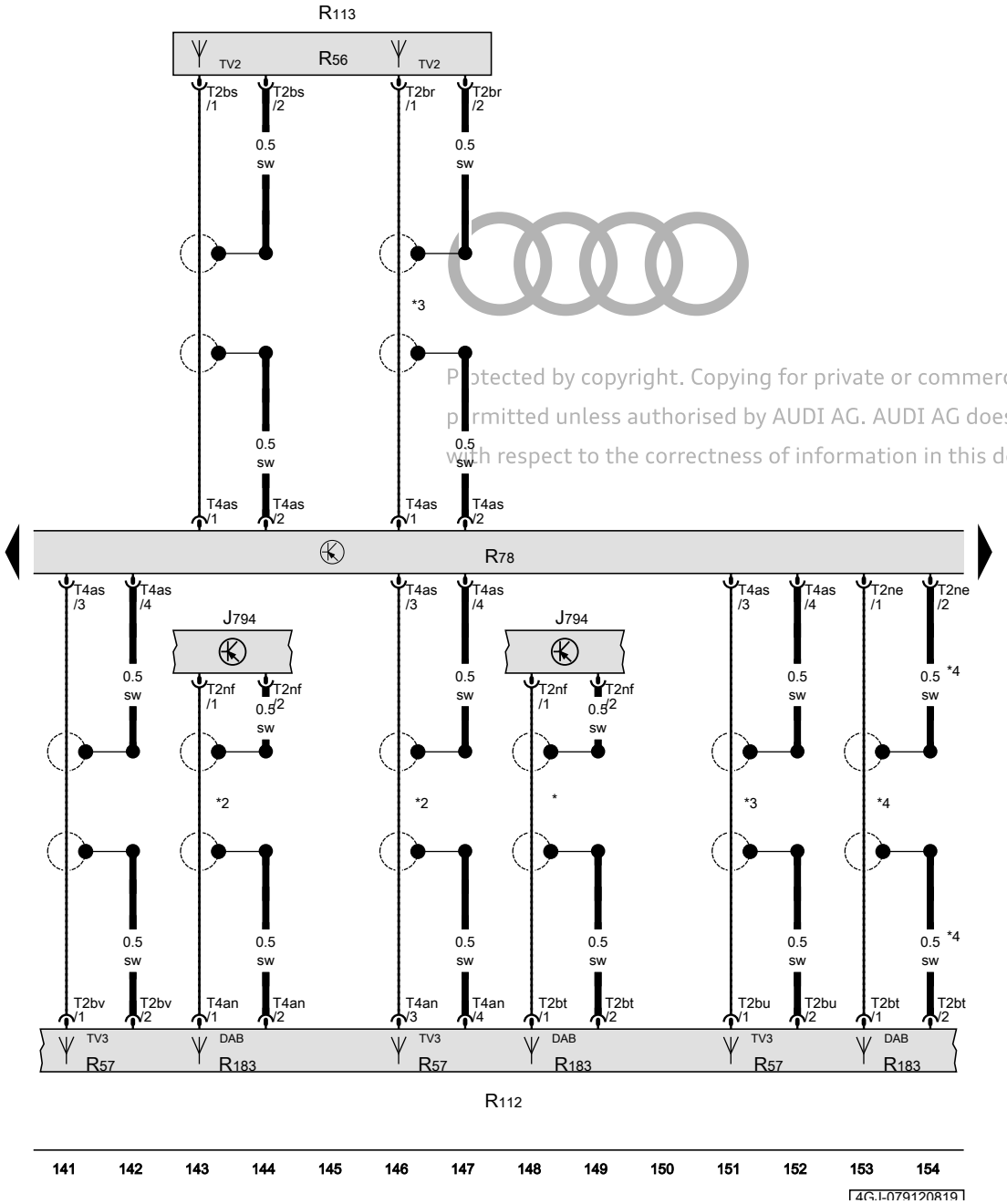
TV tuner

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
R78	TV tuner
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T2bm	2-pin connector
T2ca	2-pin connector
T2lq	2-pin connector
T12af	12-pin connector
T32b	32-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

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TV tuner, Aerial amplifier 3, Aerial amplifier 4

J794	Control unit 1 for information electronics
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R183	Digital radio aerial
T2br	2-pin connector
T2bs	2-pin connector
T2bt	2-pin connector
T2bu	2-pin connector
T2bv	2-pin connector
T2ne	2-pin connector
T2nf	2-pin connector
T4an	4-pin connector
T4as	4-pin connector
*	For models with no TV receiver
*2	For models with digital radio
*3	For models with equipment for Japan
*4	For models with equipment for Korea

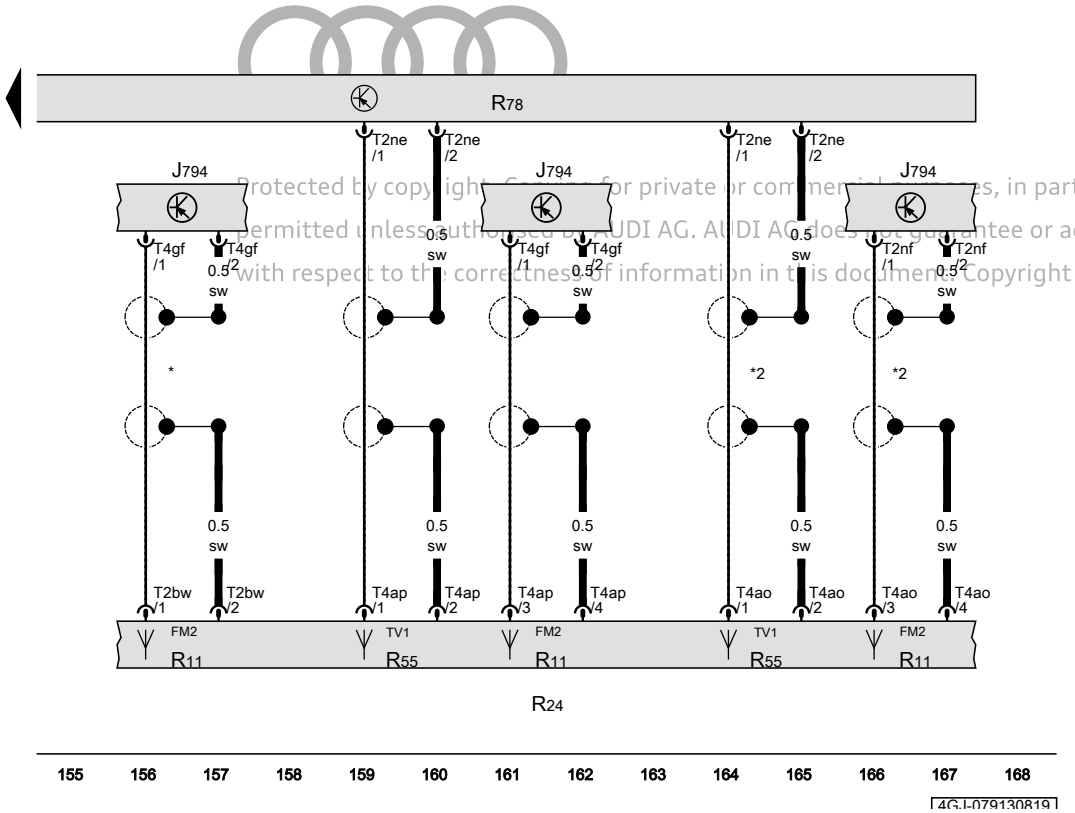


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Aerial amplifier, TV tuner

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R78	TV tuner
T2bw	2-pin connector
T2ne	2-pin connector
T2nf	2-pin connector
T4ao	4-pin connector
T4ap	4-pin connector
T4gf	4-pin connector
*	For models with no TV receiver
*2	For models with equipment for Japan



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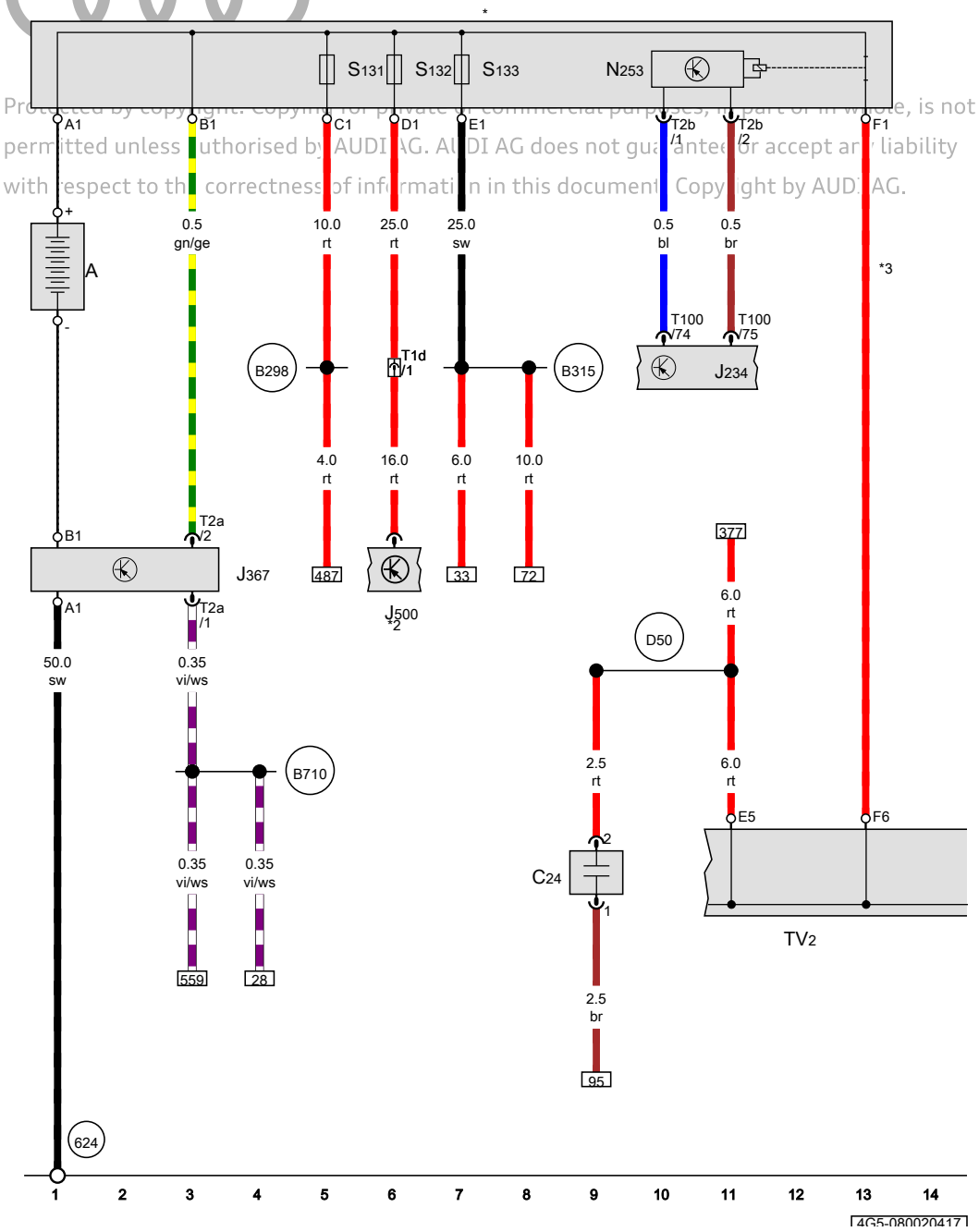
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gr	=	grey
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4.0l petrol engine , CRDA,CRDB,CWUA,CWUB

From November 2012

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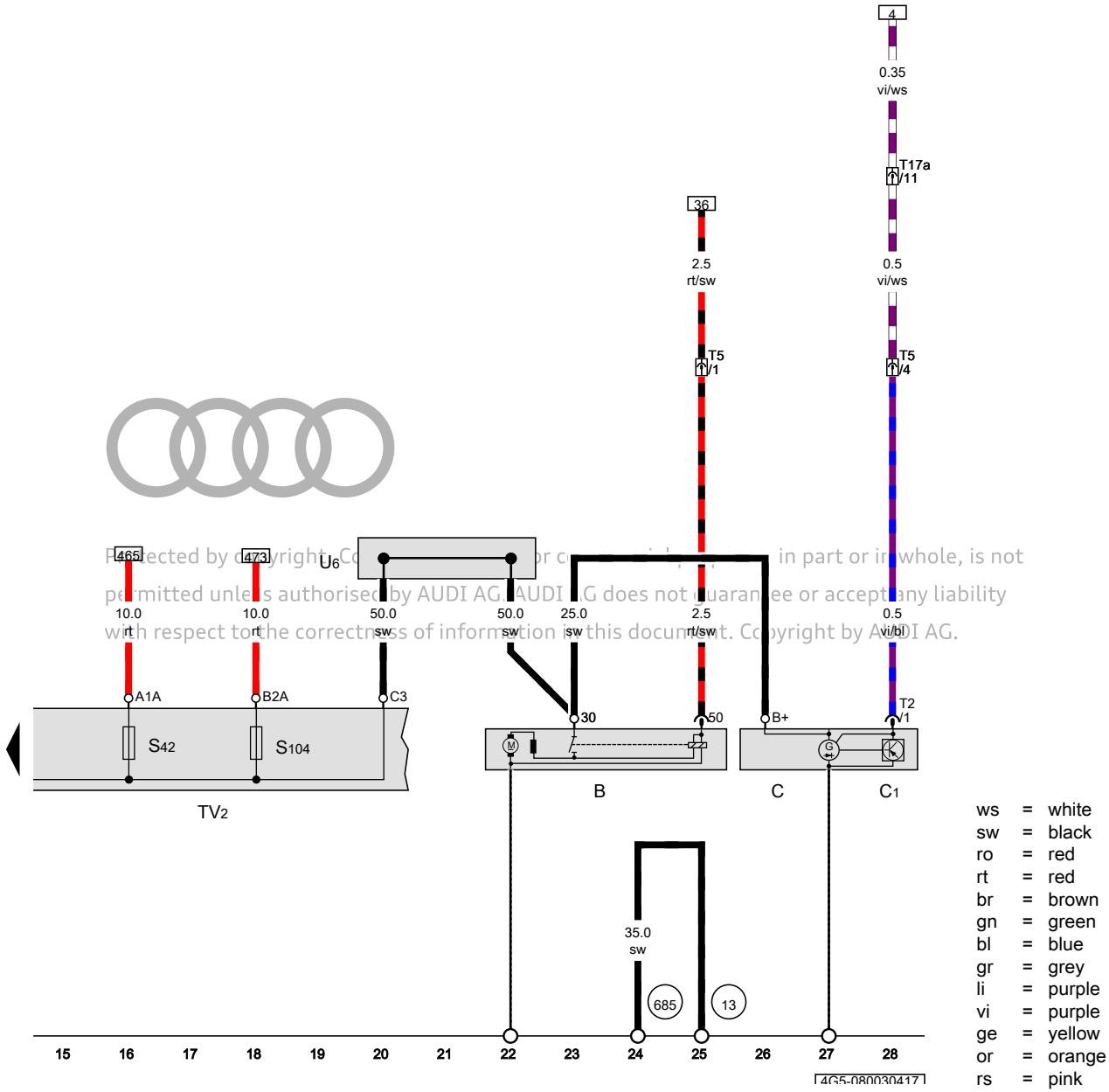
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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram
*3	Flat conductor

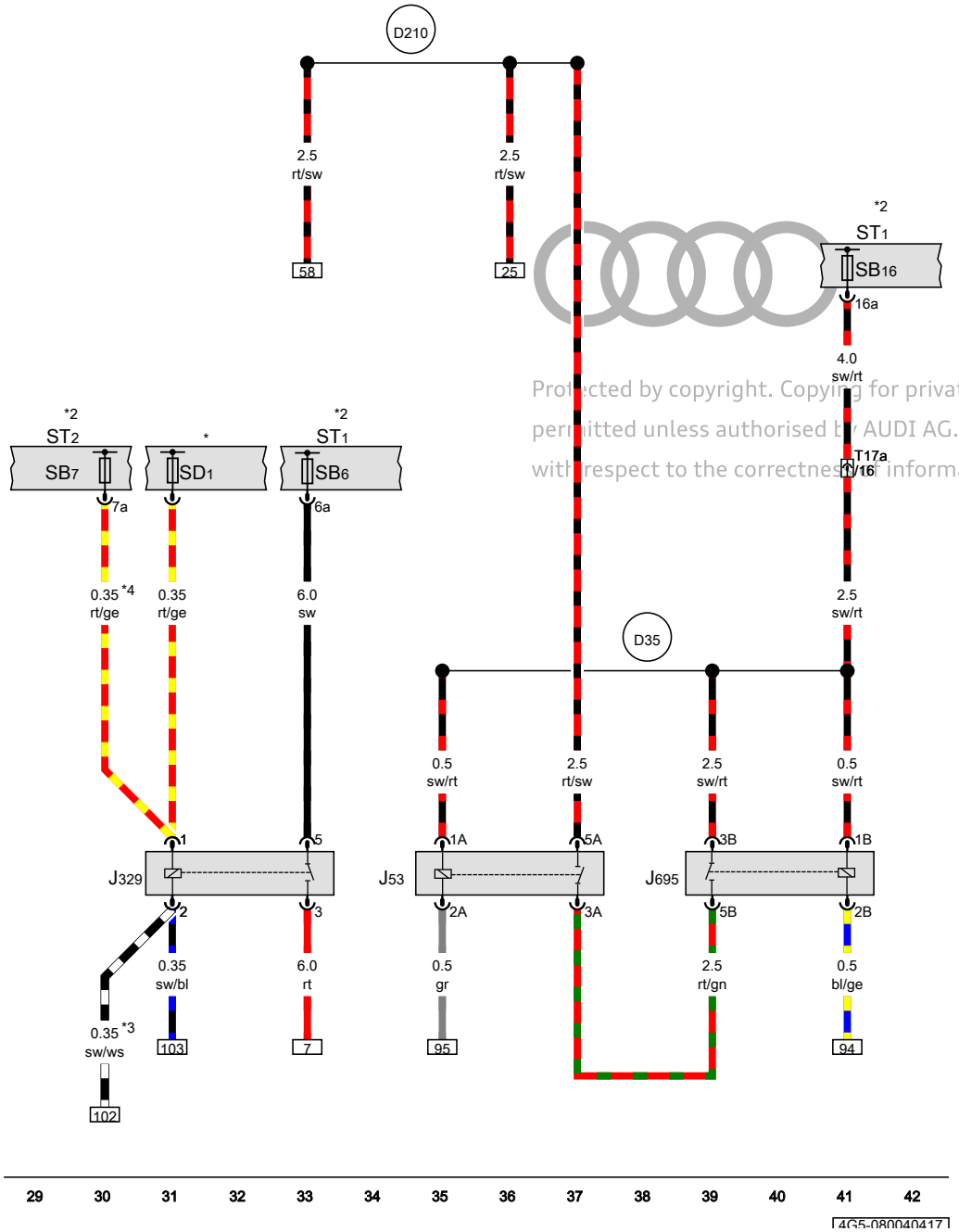
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member



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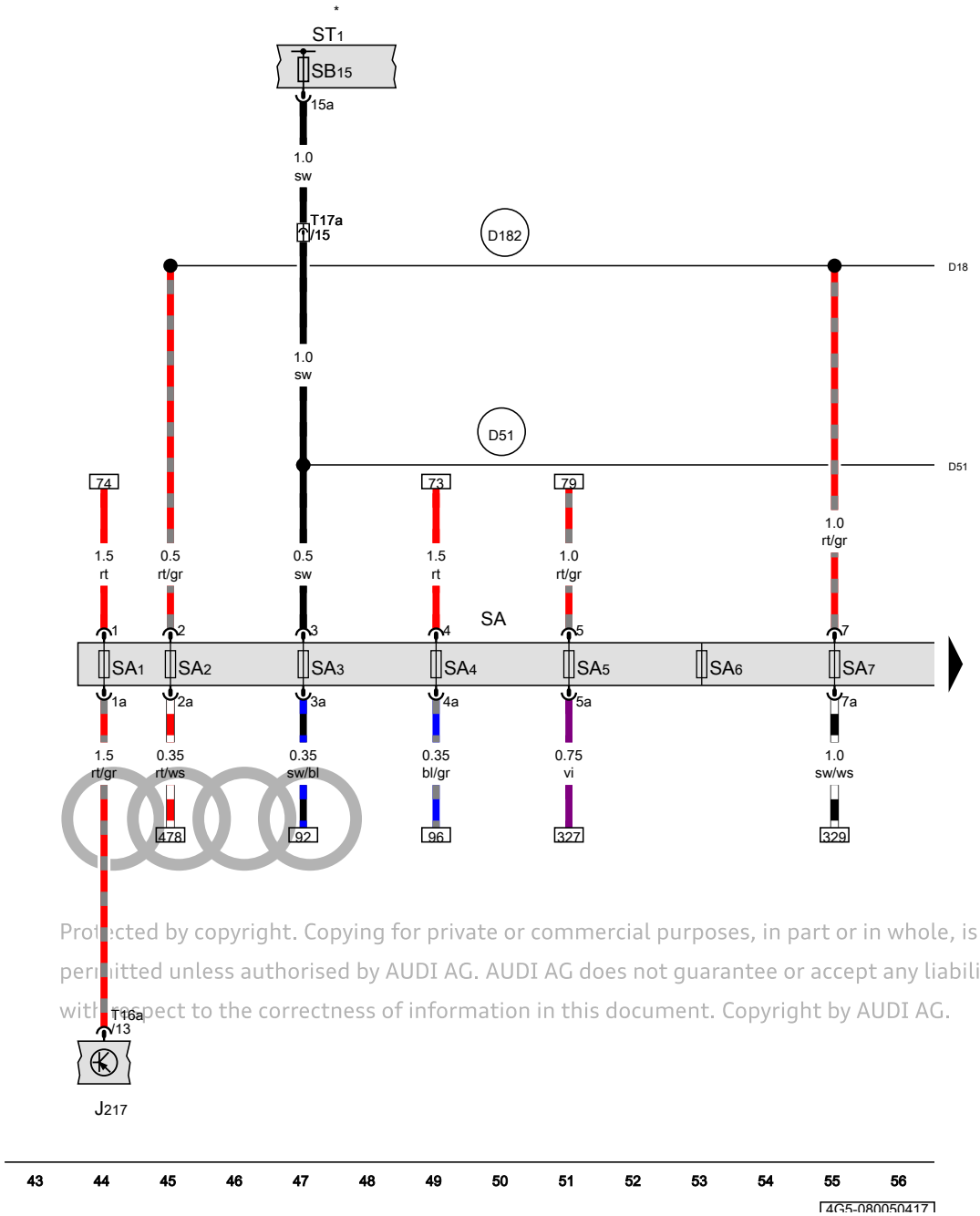


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
SD1	Fuse 1 on fuse holder D
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	Only right-hand drive models
*4	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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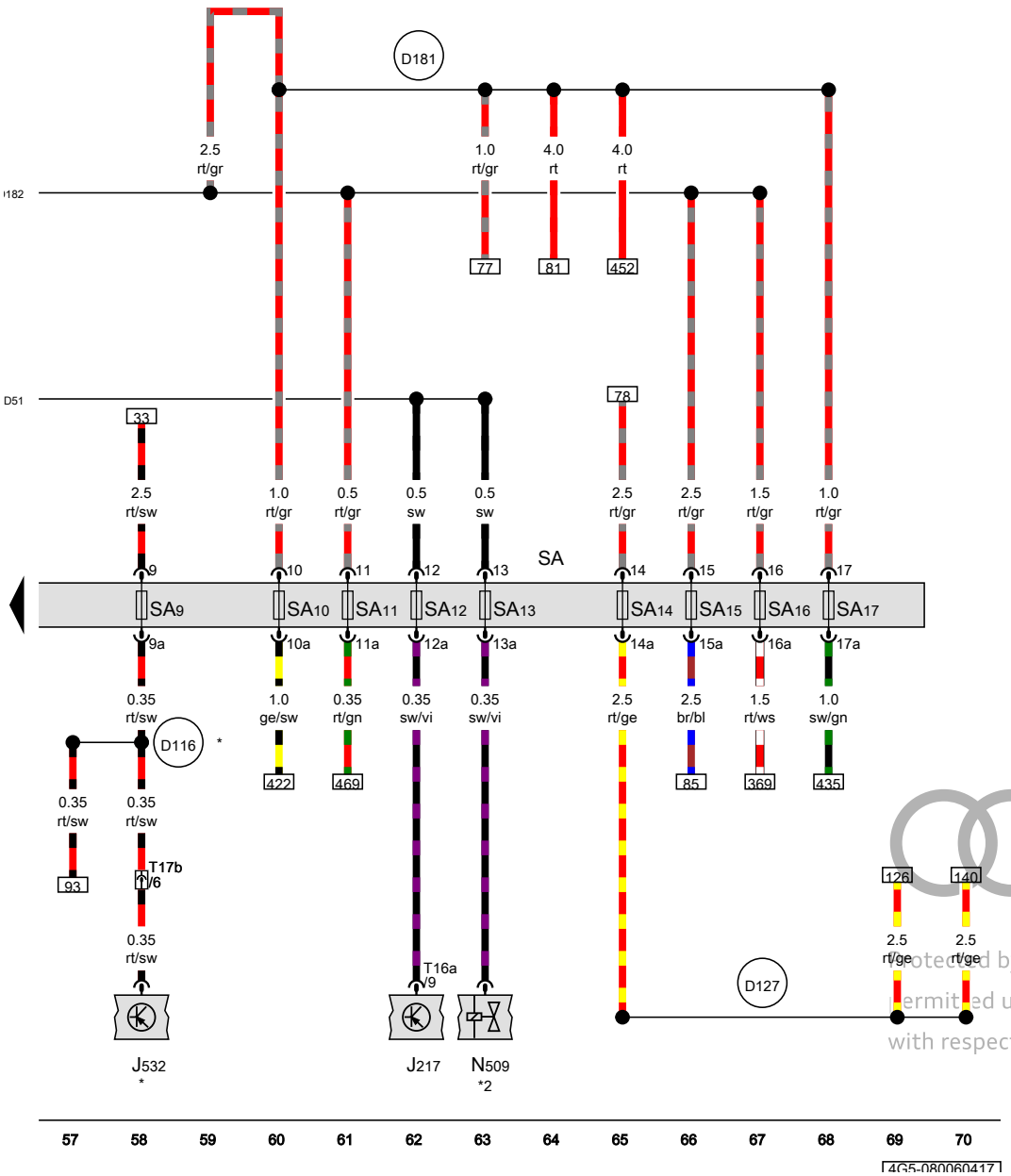


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
ST1	Fuse carrier 1
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment



Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T16a	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D127	Connection 25 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

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rt	=	red
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Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

508 Threaded connection (30) on E-box

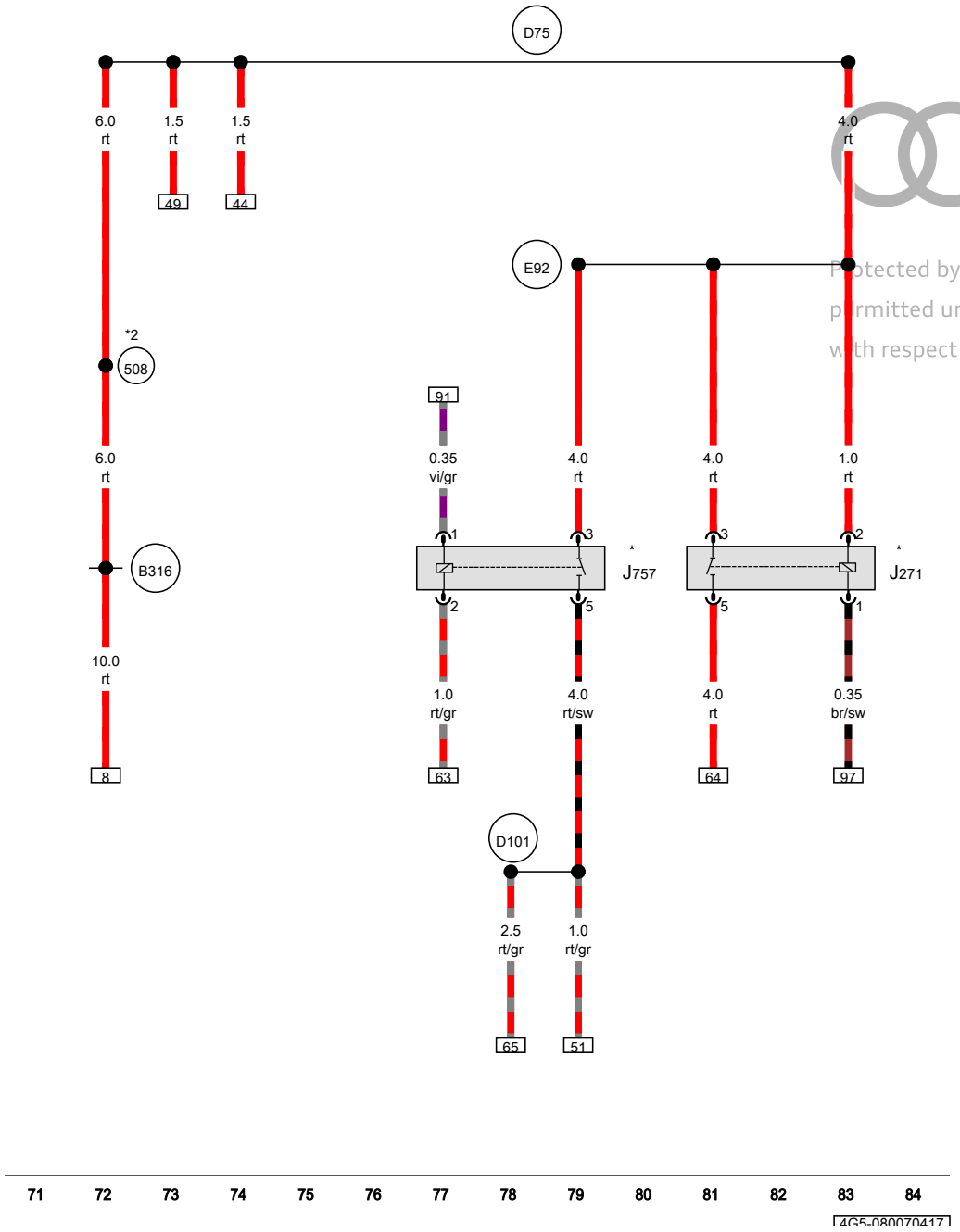
B316 Positive connection 2 (30a) in main wiring harness

D75 Positive connection 2 (30), in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

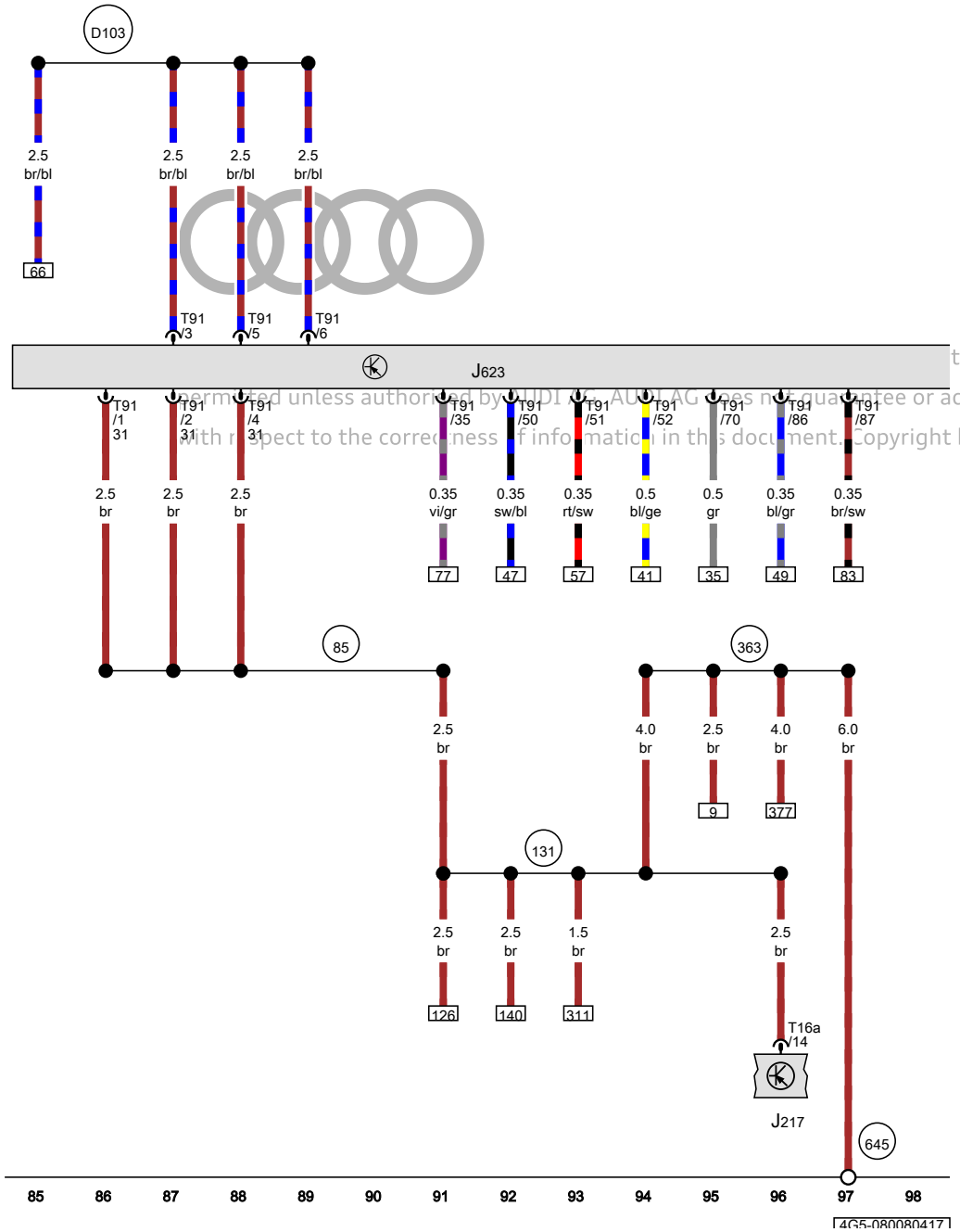
E92 Positive connection 3 (30), in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber



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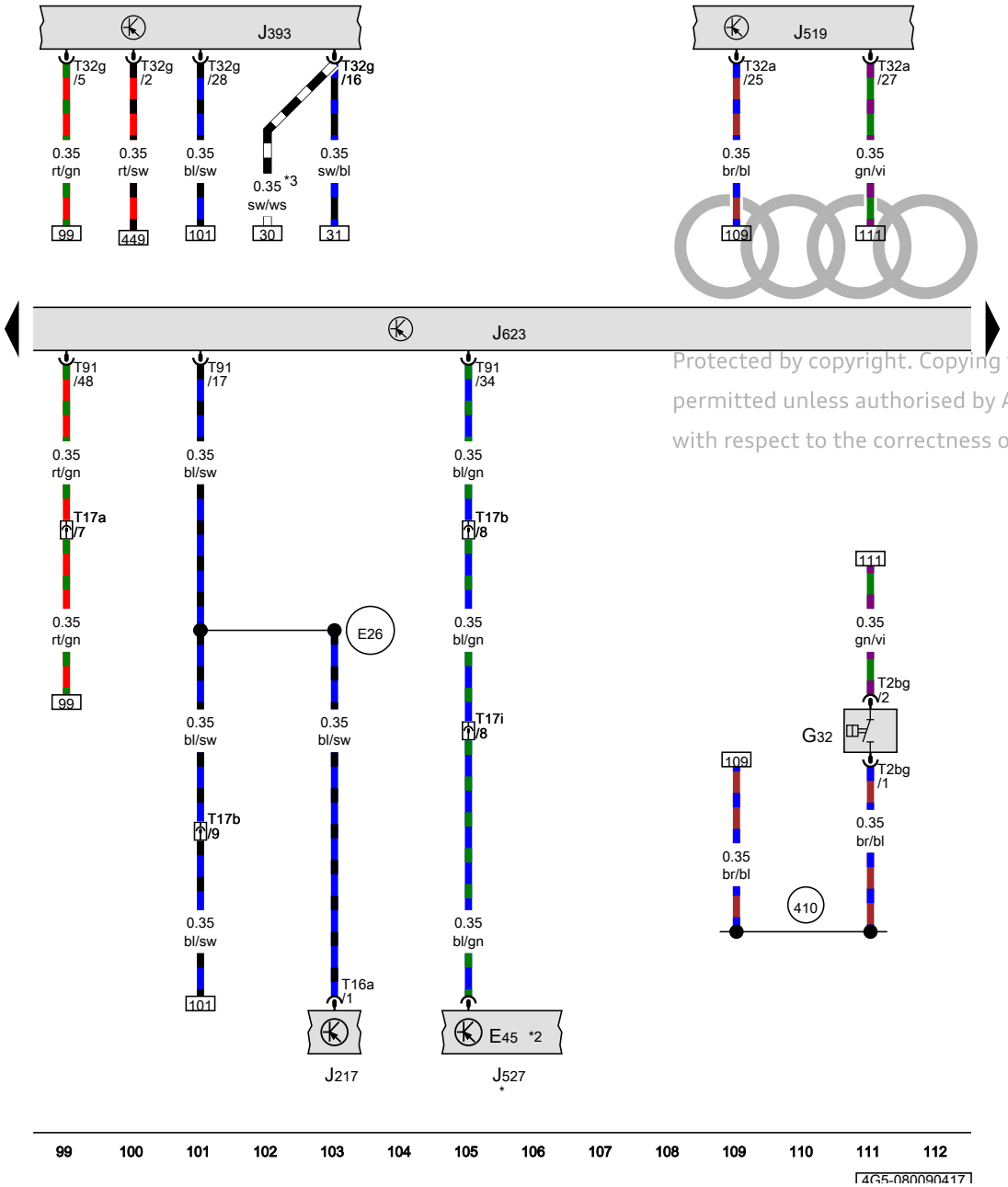


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Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T16a	16-pin connector
T91	91-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
363	Earth connection 8, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness

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rt	=	red
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gn	=	green
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or	=	orange
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Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

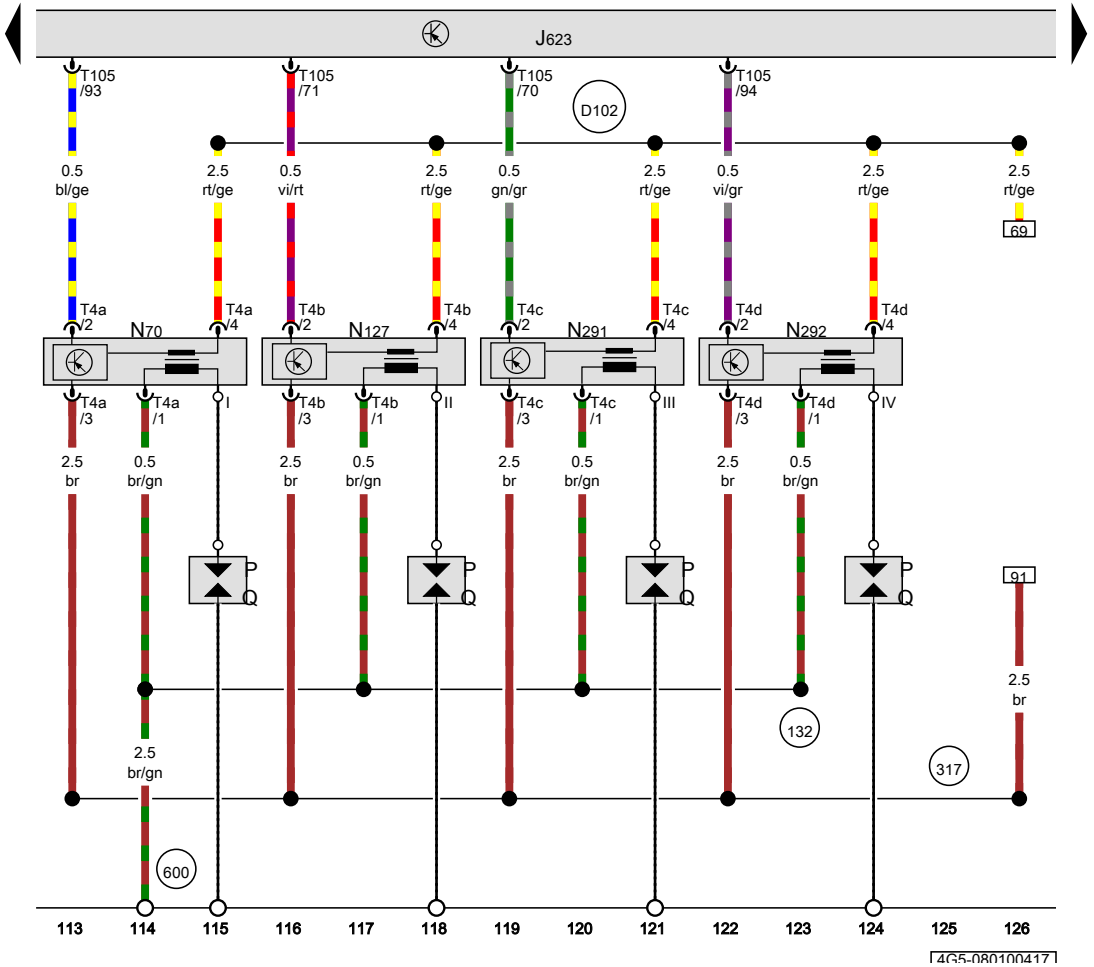
E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T2bg	2-pin connector
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for multifunction steering wheel
*2	Only models with cruise control system (CCS)
*3	Only right-hand drive models

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or	=	orange
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Engine control unit, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector
T4b	4-pin connector
T4c	4-pin connector
T4d	4-pin connector
T105	105-pin connector
132	Earth connection 3, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
600	Earth point, on right cylinder head
D102	Connection 2 in engine compartment wiring harness

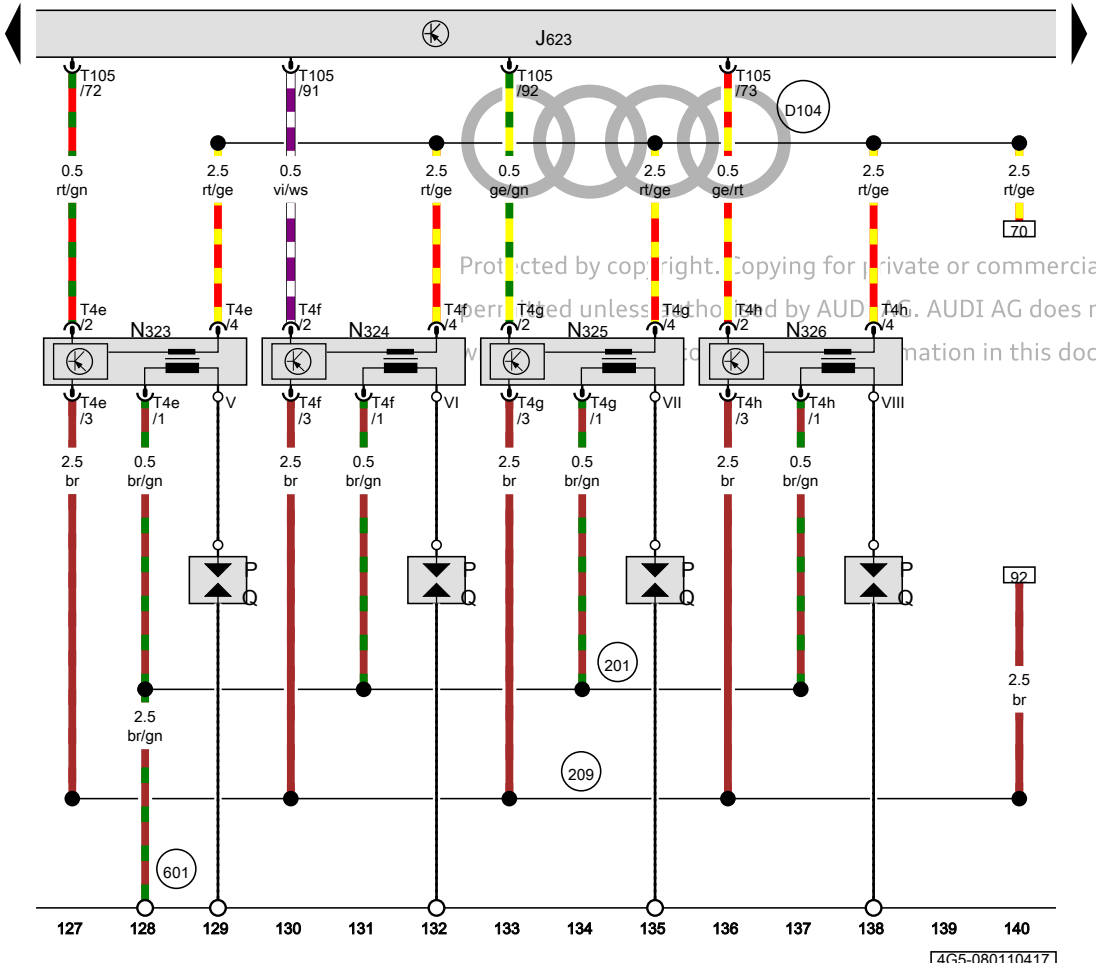
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Engine control unit, Ignition coil 5 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
N325	Ignition coil 7 with output stage
N326	Ignition coil 8 with output stage
P	Spark plug connector
Q	Spark plugs
T4e	4-pin connector
T4f	4-pin connector
T4g	4-pin connector
T4h	4-pin connector
T105	105-pin connector
201	Earth connection 5, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
601	Earth point, on left cylinder head
D104	Positive connection 2 (30a), in engine compartment wiring harness

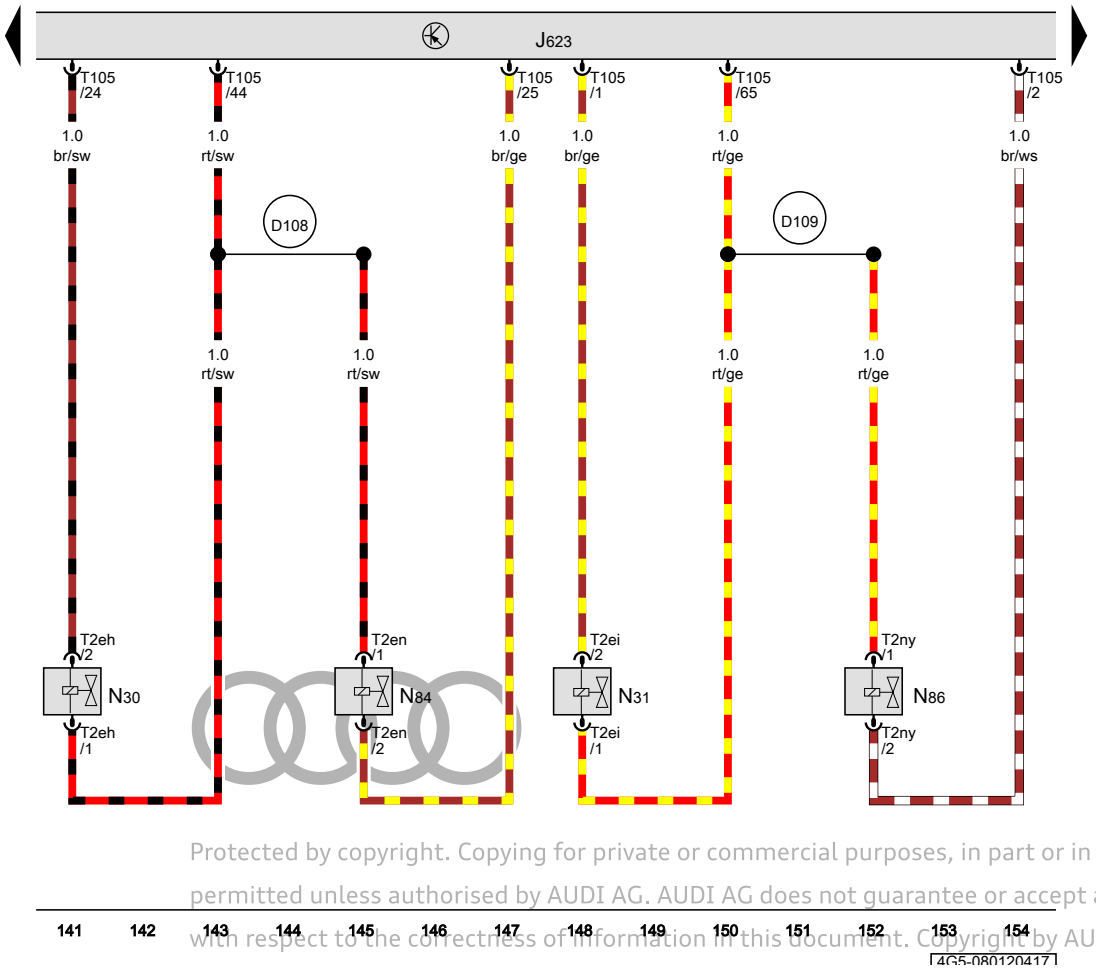


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 6, Injector, cylinder 8

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T2eh	2-pin connector
T2ei	2-pin connector
T2en	2-pin connector
T2ny	2-pin connector
T105	105-pin connector
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

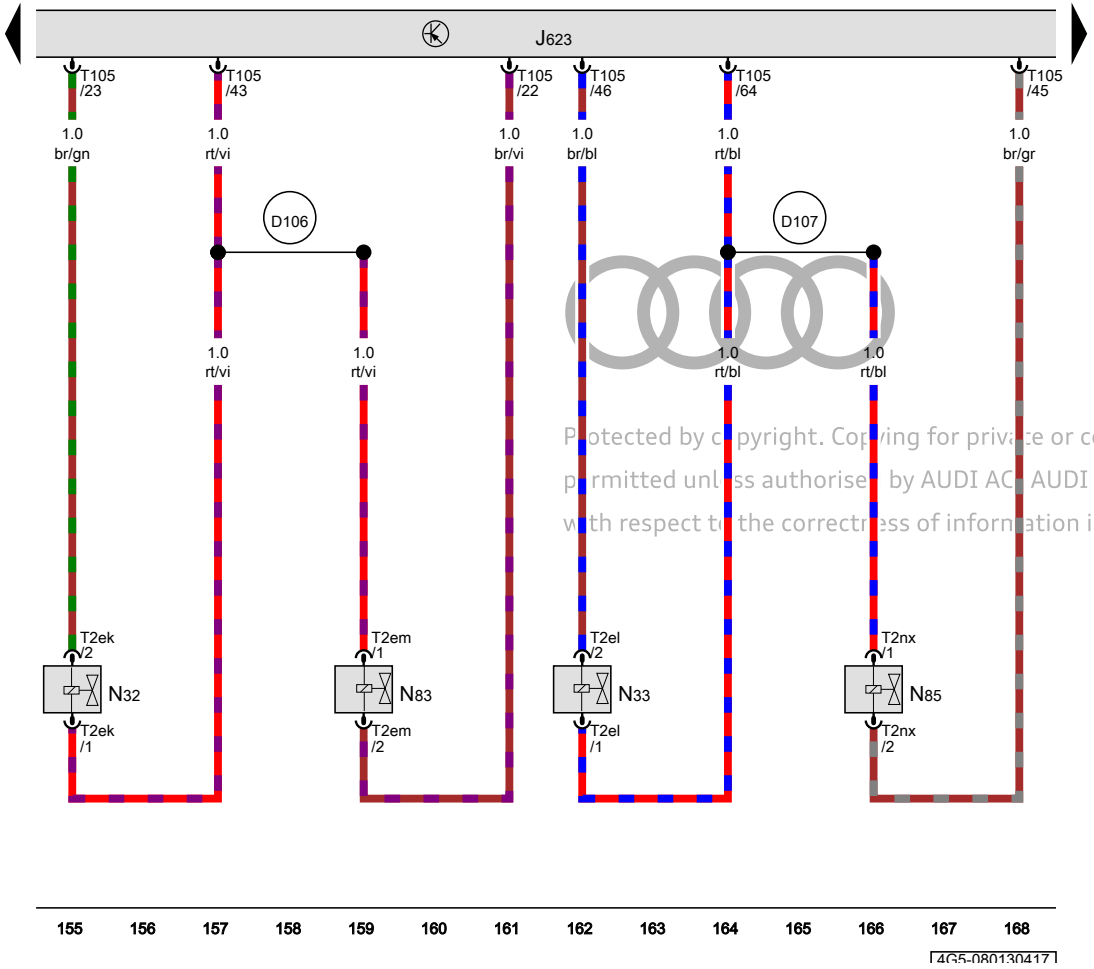


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Engine control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

J623	Engine control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2nx	2-pin connector
T105	105-pin connector
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness

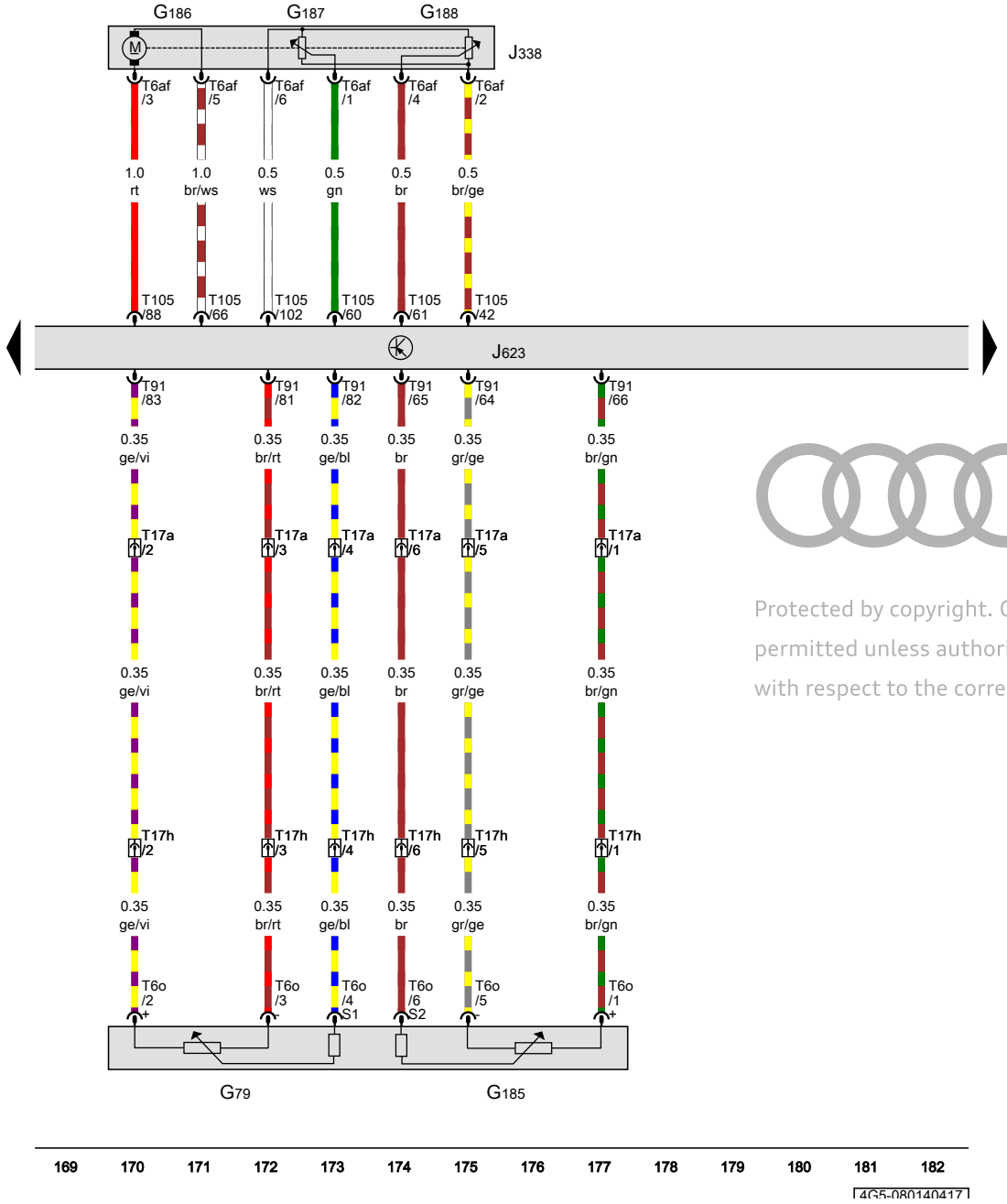


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Accelerator position sender, Throttle valve module, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T6af	6-pin connector
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
T105	105-pin connector

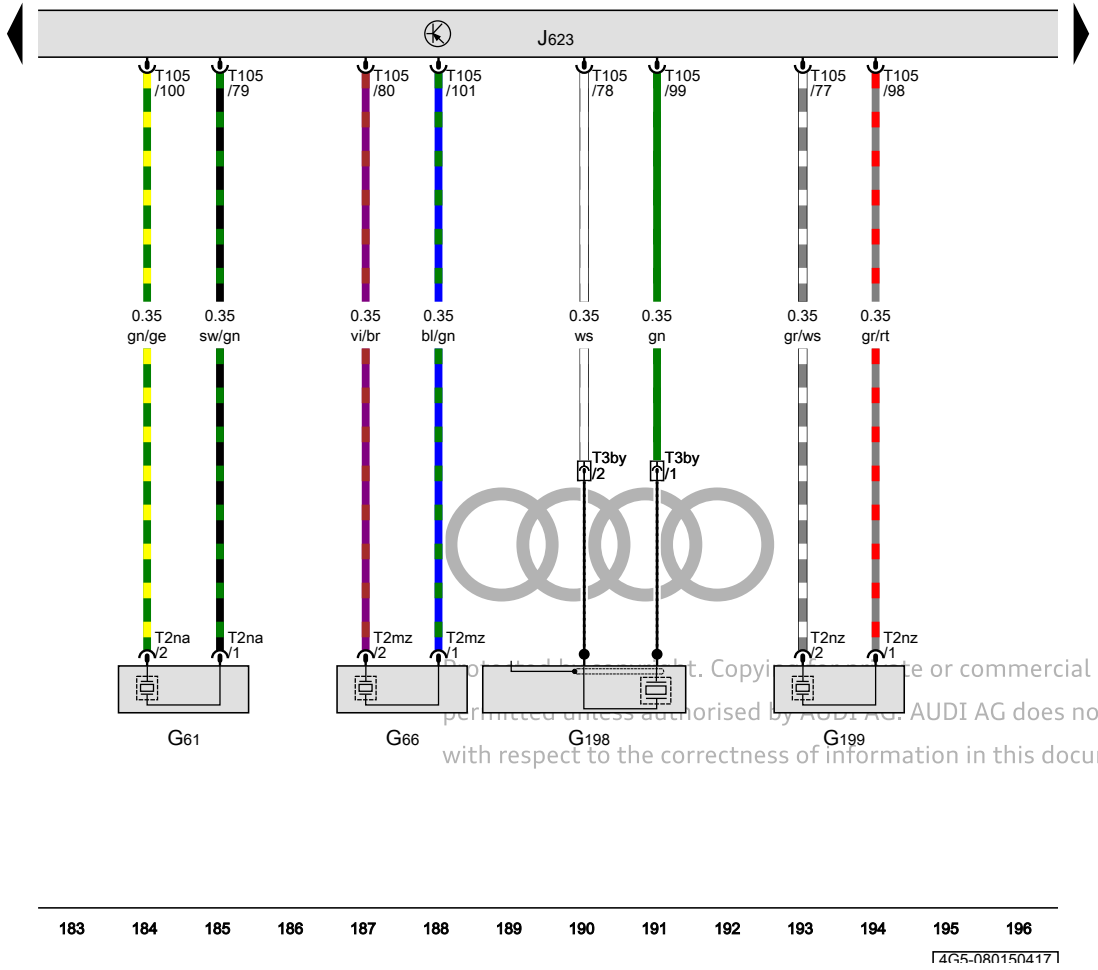


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Knock sensor 1, Knock sensor 2, Knock sensor 3, Knock sensor 4, Engine control unit

G61	Knock sensor 1
G66	Knock sensor 2
G198	Knock sensor 3
G199	Knock sensor 4
J623	Engine control unit
T2mz	2-pin connector
T2na	2-pin connector
T2nz	2-pin connector
T3by	3-pin connector, black
T105	105-pin connector

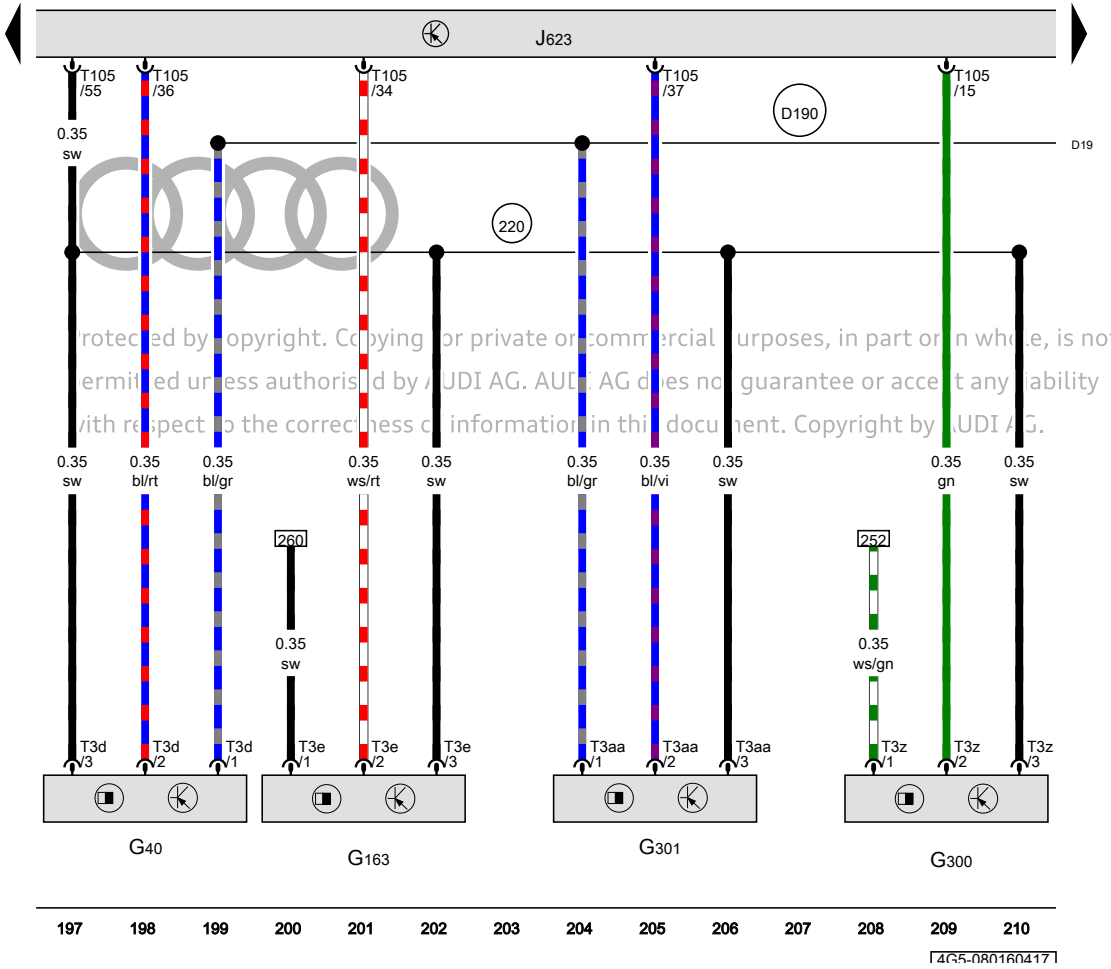


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Hall sender, Hall sender 2, Hall sender 3, Hall sender 4, Engine control unit

G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
J623	Engine control unit
T3aa	3-pin connector
T3d	3-pin connector
T3e	3-pin connector
T3z	3-pin connector
T105	105-pin connector
220	Earth connection (sender earth), in engine wiring harness
D190	Connection 3 (5V) in engine prewiring harness

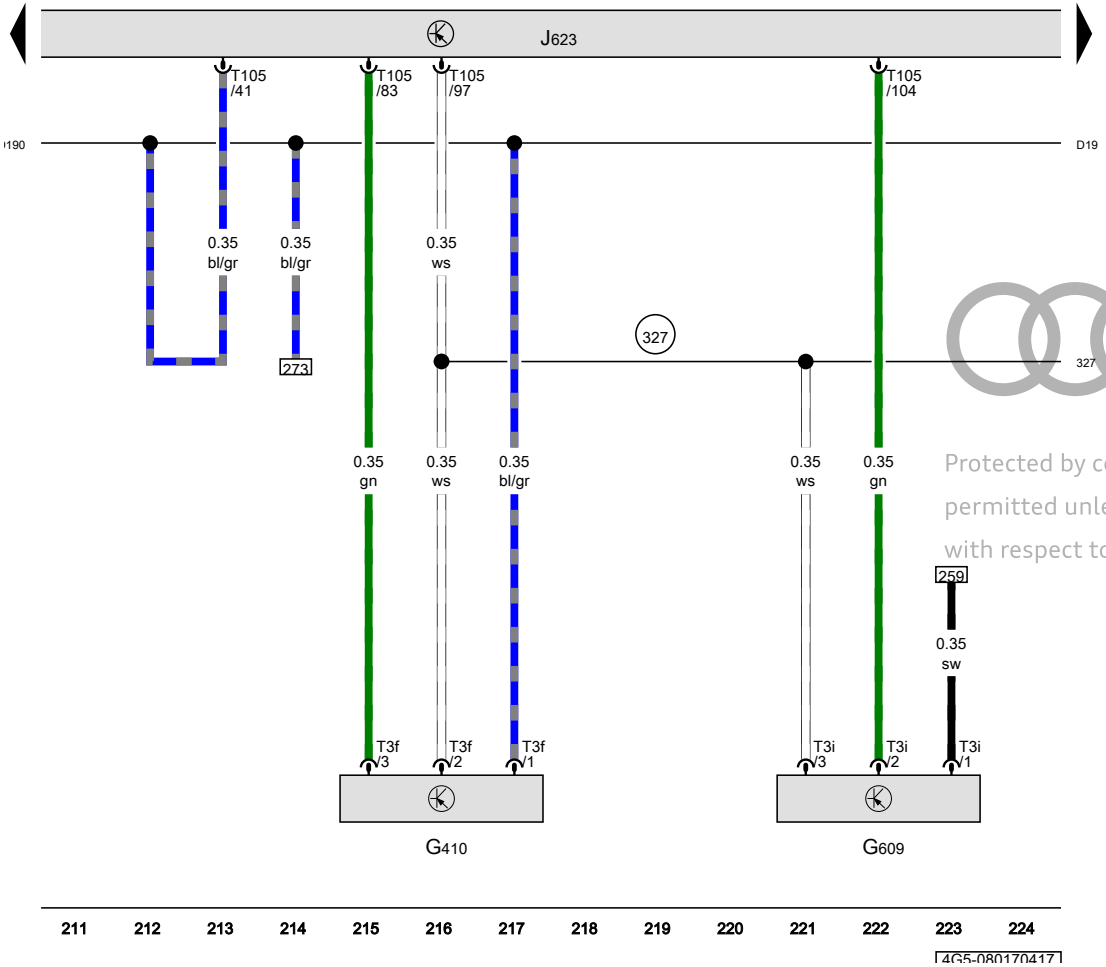


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Fuel pressure sender for low pressure, Sender 1 for secondary air pressure, Engine control unit

G410	Fuel pressure sender for low pressure
G609	Sender 1 for secondary air pressure
J623	Engine control unit
T3f	3-pin connector
T3i	3-pin connector
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness



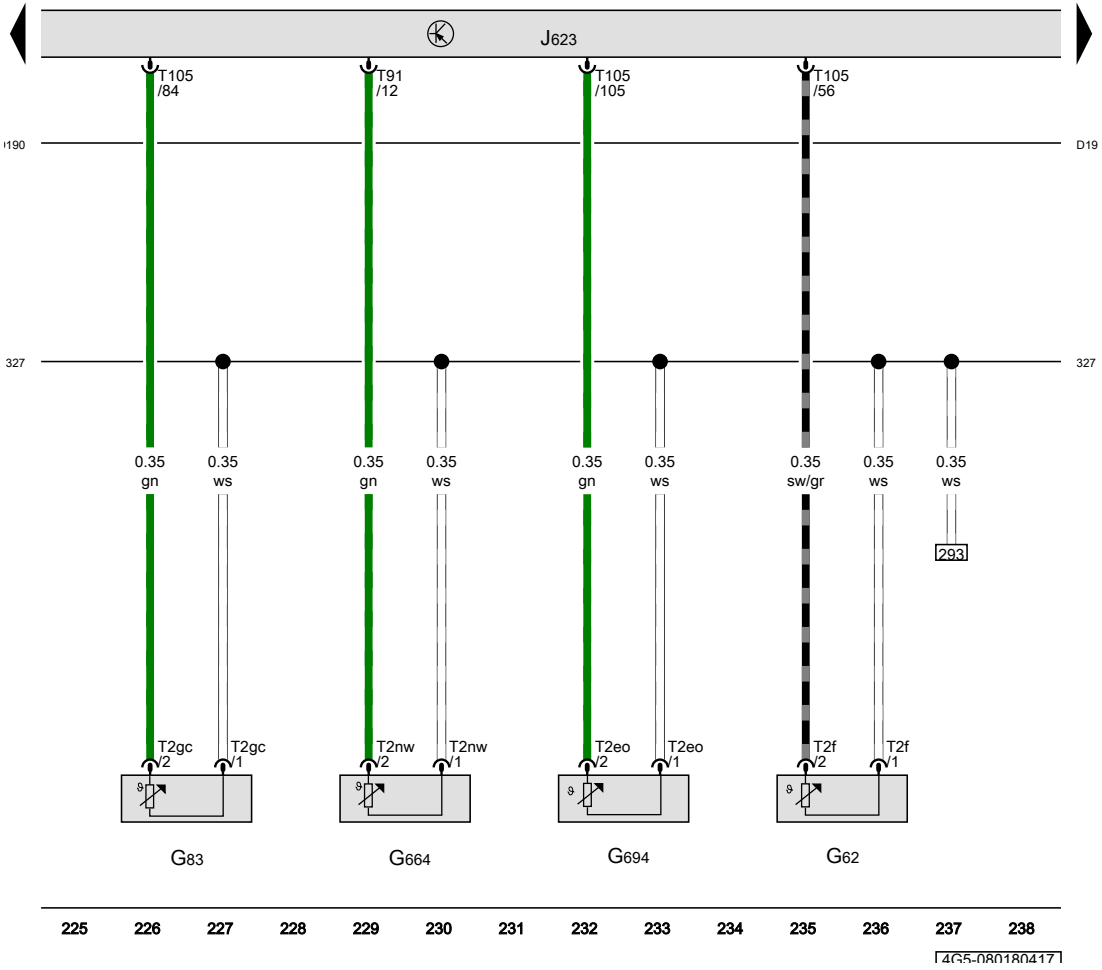
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Coolant temperature sender, Radiator outlet coolant temperature sender, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T2eo	2-pin connector
T2f	2-pin connector
T2gc	2-pin connector
T2nw	2-pin connector
T91	91-pin connector
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness

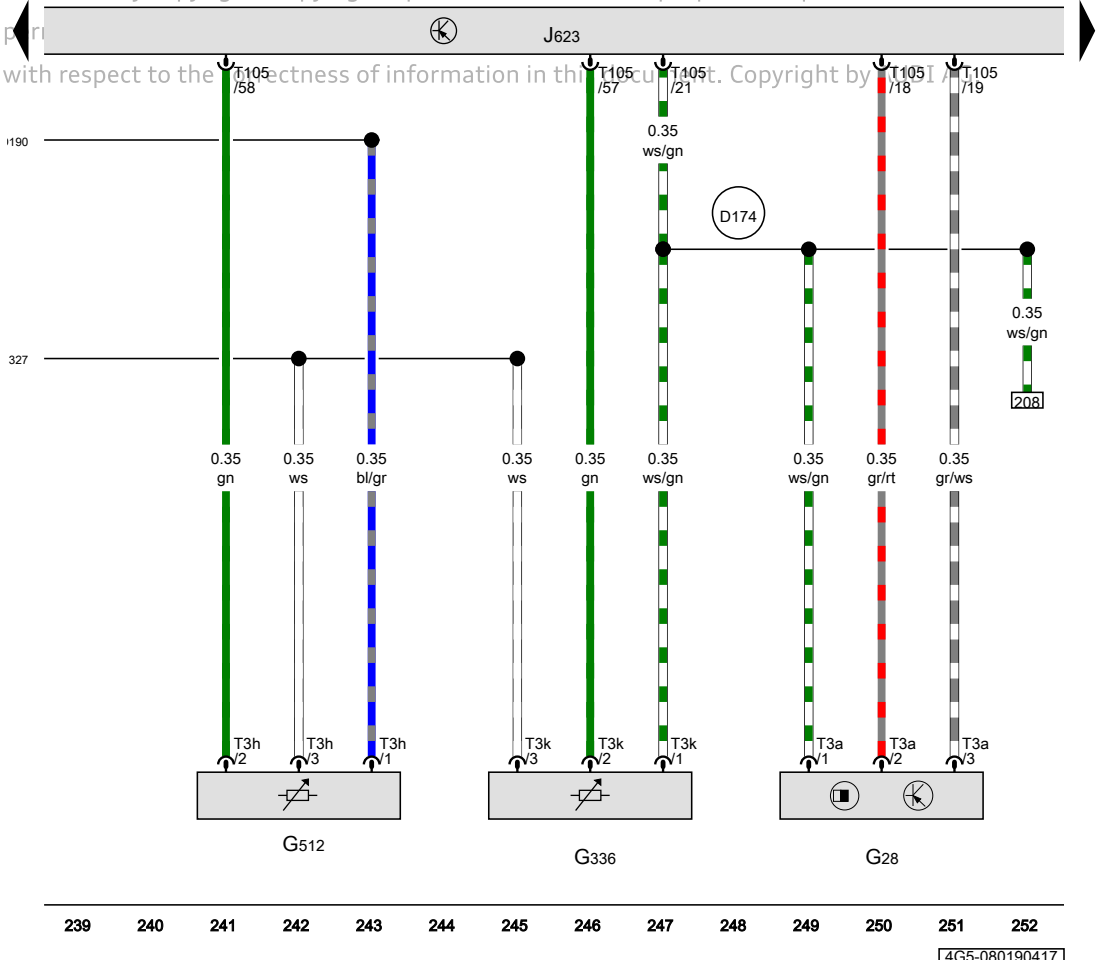


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or	=	orange
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Engine speed sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine control unit

G28	Engine speed sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine control unit
T3a	3-pin connector
T3h	3-pin connector
T3k	3-pin connector
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness

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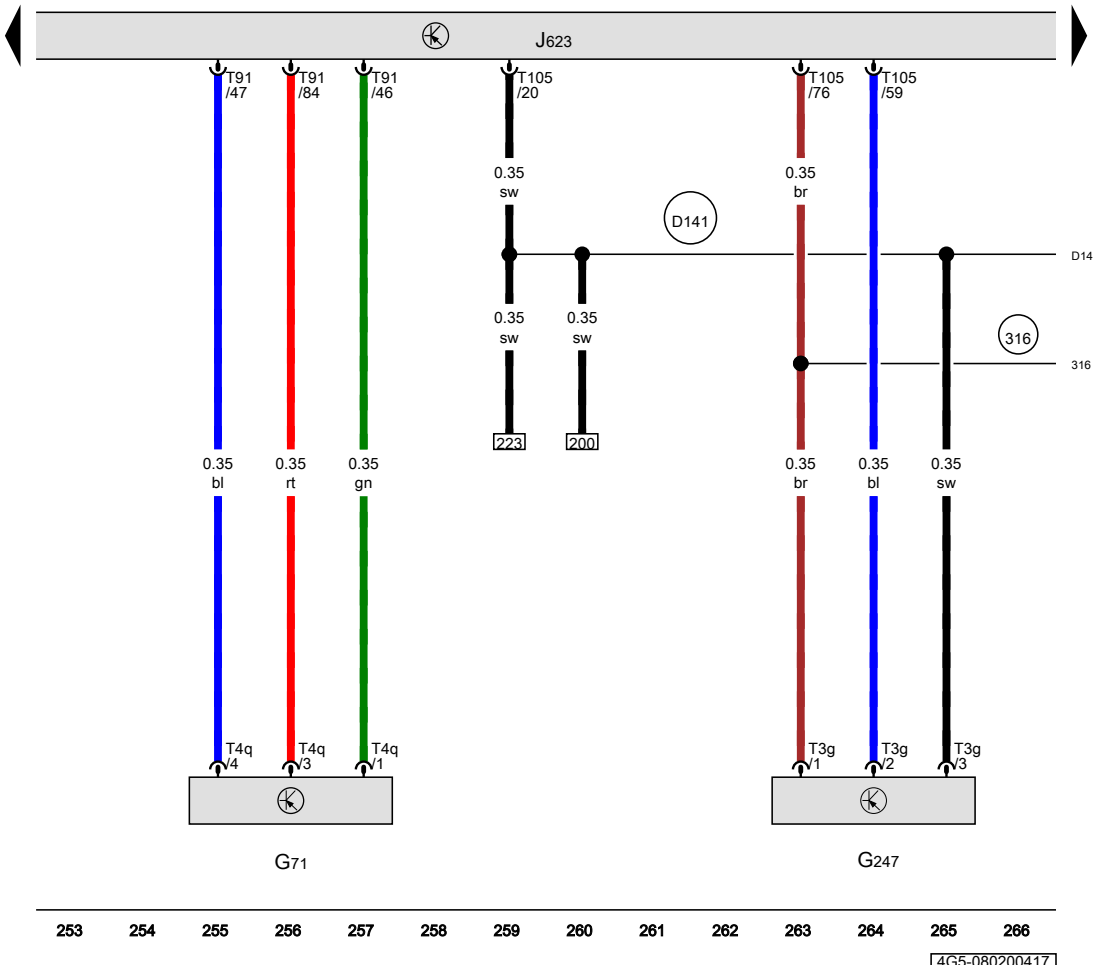


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Intake manifold pressure sender, Fuel pressure sender, Engine control unit

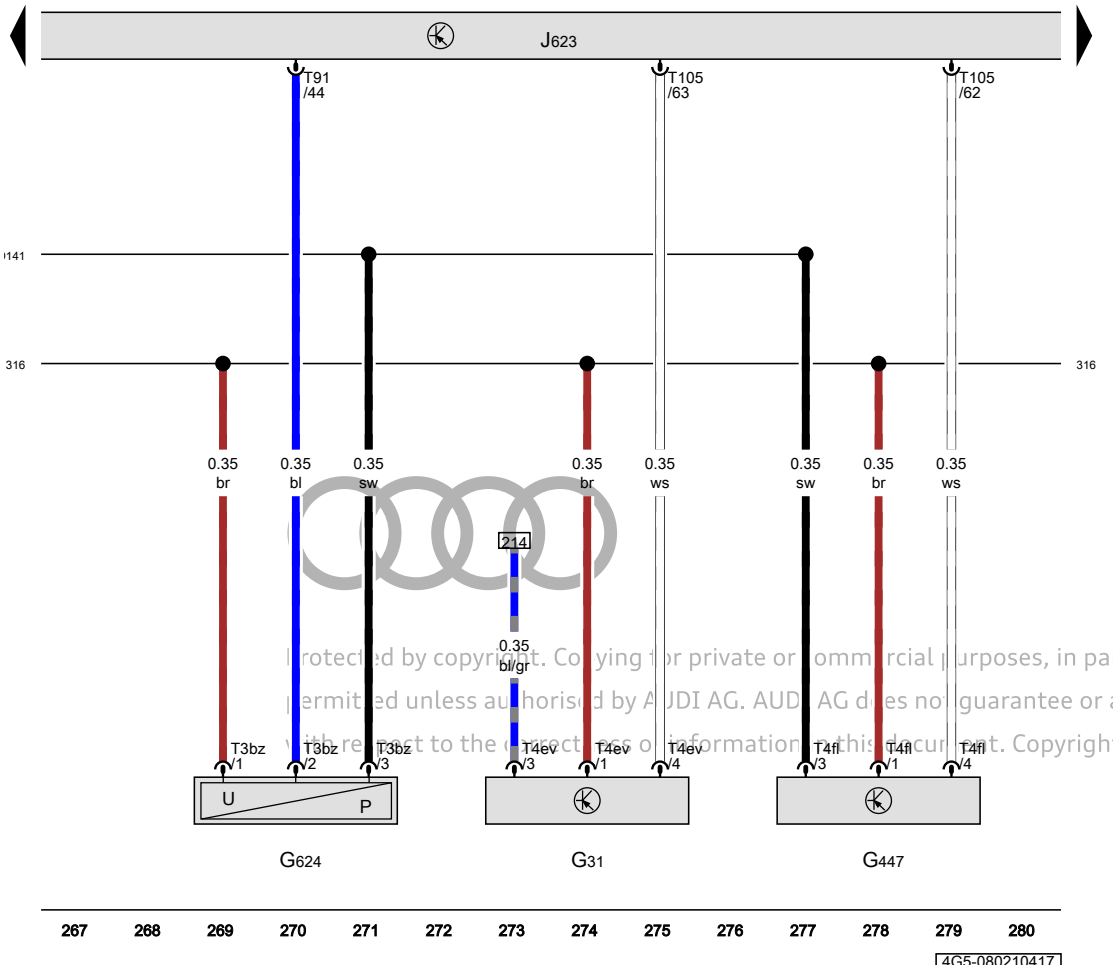
G71	Intake manifold pressure sender
G247	Fuel pressure sender
J623	Engine control unit
T3g	3-pin connector
T4q	4-pin connector
T91	91-pin connector
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness



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Charge pressure sender, Charge pressure sender 2, Fuel pressure sender 2, Engine control unit

G31	Charge pressure sender
G447	Charge pressure sender 2
G624	Fuel pressure sender 2
J623	Engine control unit
T3bz	3-pin connector
T4ev	4-pin connector
T4fl	4-pin connector
T91	91-pin connector
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness

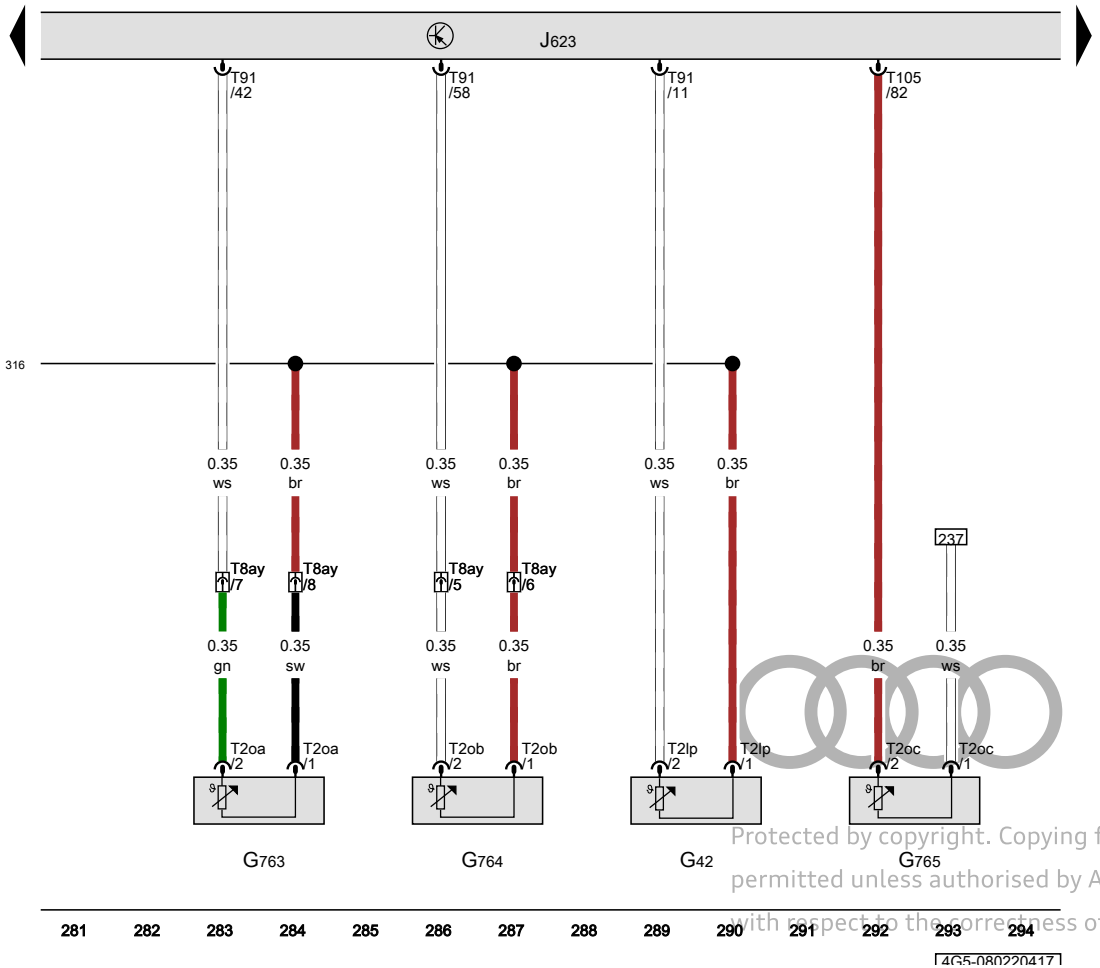


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Intake air temperature sender, Temperature sender 1 for charge air cooler, Temperature sender for engine cover panel, Engine control unit

G42	Intake air temperature sender
G763	Temperature sender 1 for charge air cooler
G764	Temperature sender 2 for charge air cooler
G765	Temperature sender for engine cover panel
J623	Engine control unit
T2lp	2-pin connector
T2oa	2-pin connector
T2ob	2-pin connector
T2oc	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector
T105	105-pin connector
316	Earth connection (sender earth 2) in engine wiring harness

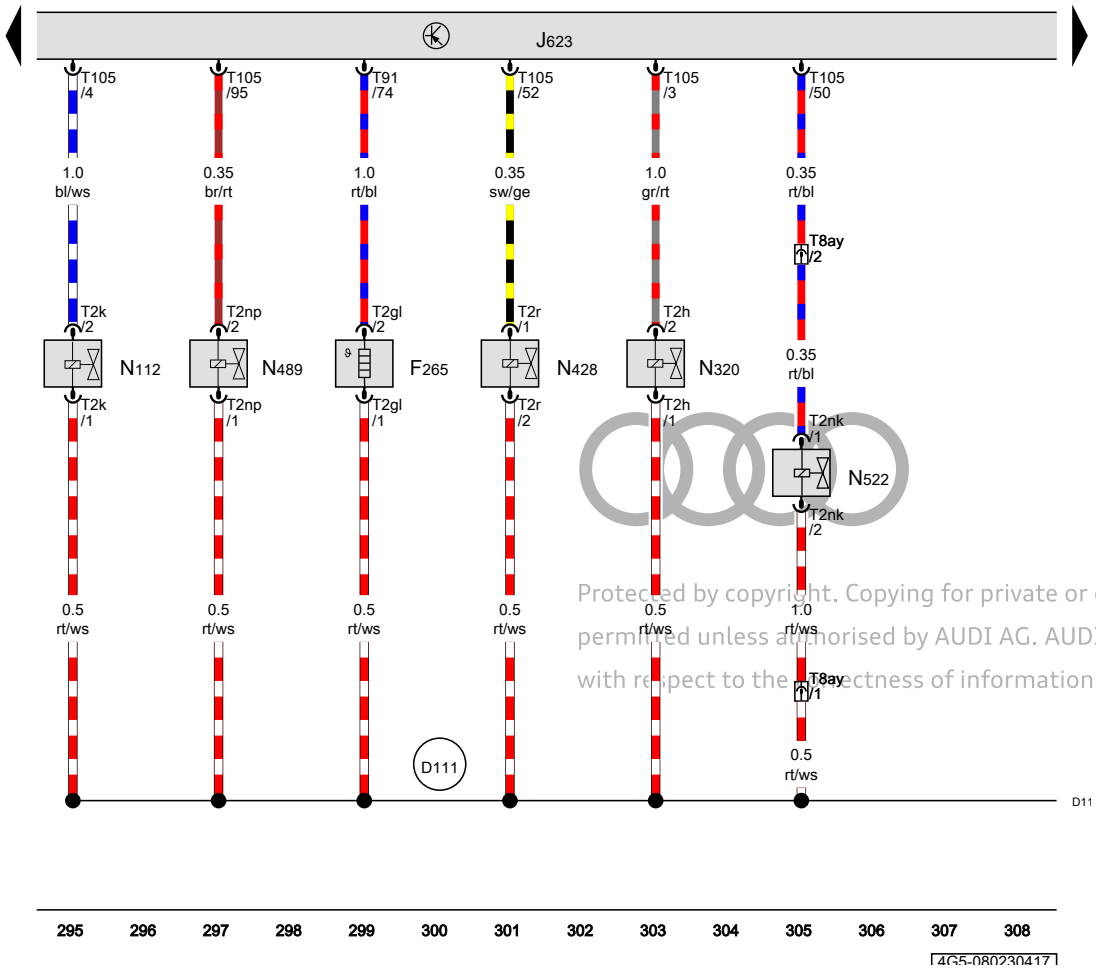


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Map-controlled engine cooling system thermostat, Engine control unit, Secondary air inlet valve, Secondary air inlet valve 2, Valve for oil pressure control, Coolant valve for cylinder head, Piston cooling jet control valve

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
N522	Piston cooling jet control valve
T2gl	2-pin connector
T2h	2-pin connector
T2k	2-pin connector
T2nk	2-pin connector
T2np	2-pin connector
T2r	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness

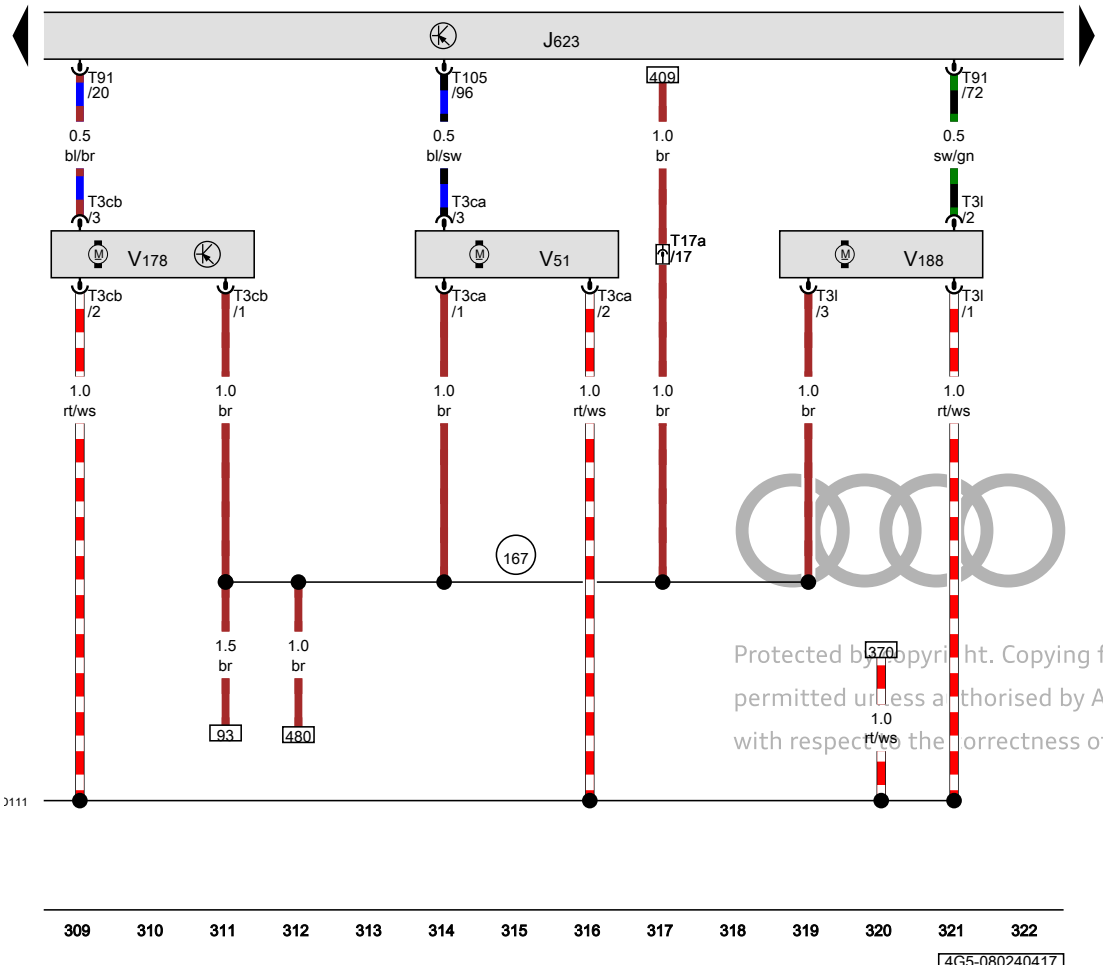


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Engine control unit, Continued coolant circulation pump, Coolant circulation pump 2, Charge air cooling pump

J623	Engine control unit
T3ca	3-pin connector
T3cb	3-pin connector
T3l	3-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
V51	Continued coolant circulation pump
V178	Coolant circulation pump 2
V188	Charge air cooling pump
167	Earth connection 4, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness

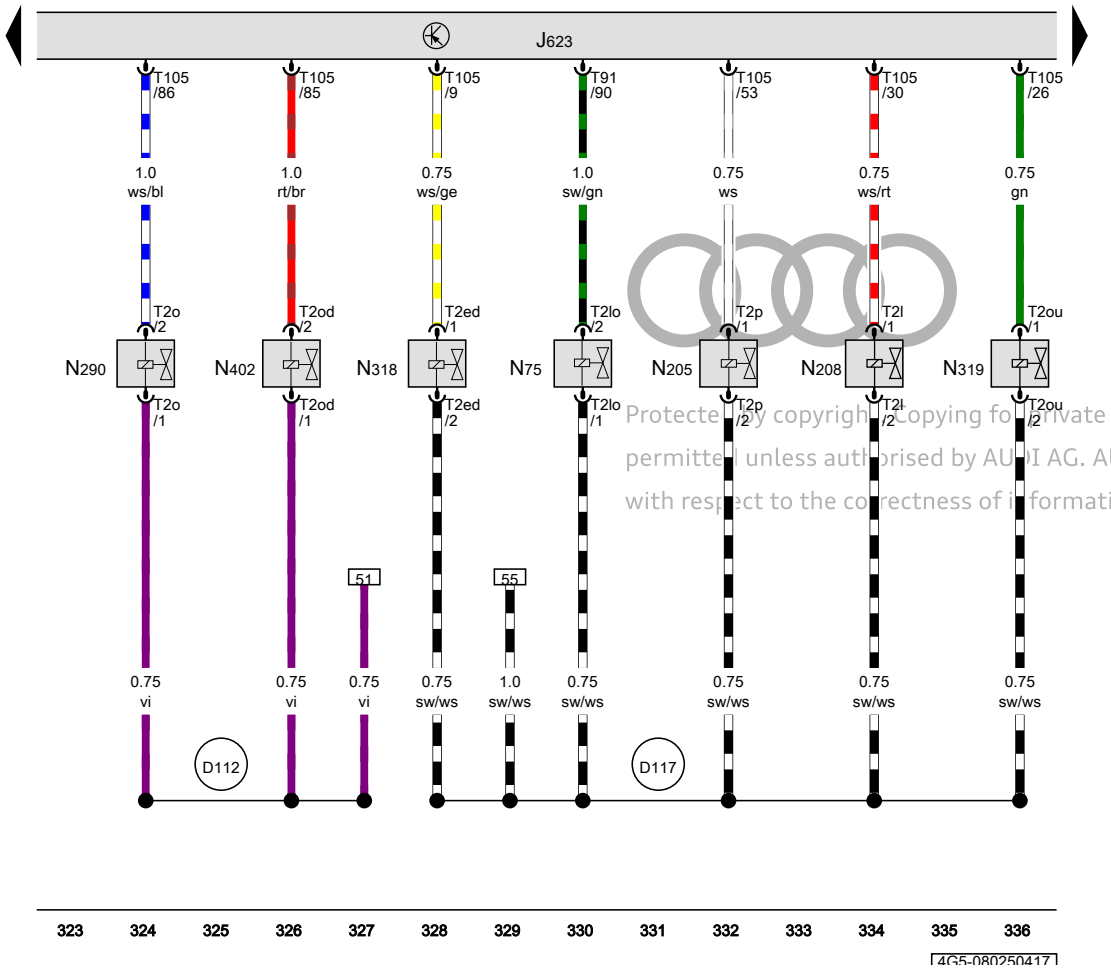


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Engine control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1

J623	Engine control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
N402	Fuel metering valve 2
T2ed	2-pin connector
T2l	2-pin connector
T2lo	2-pin connector
T2o	2-pin connector
T2od	2-pin connector
T2ou	2-pin connector
T2p	2-pin connector
T91	91-pin connector
T105	105-pin connector
D112	Connection 10 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness



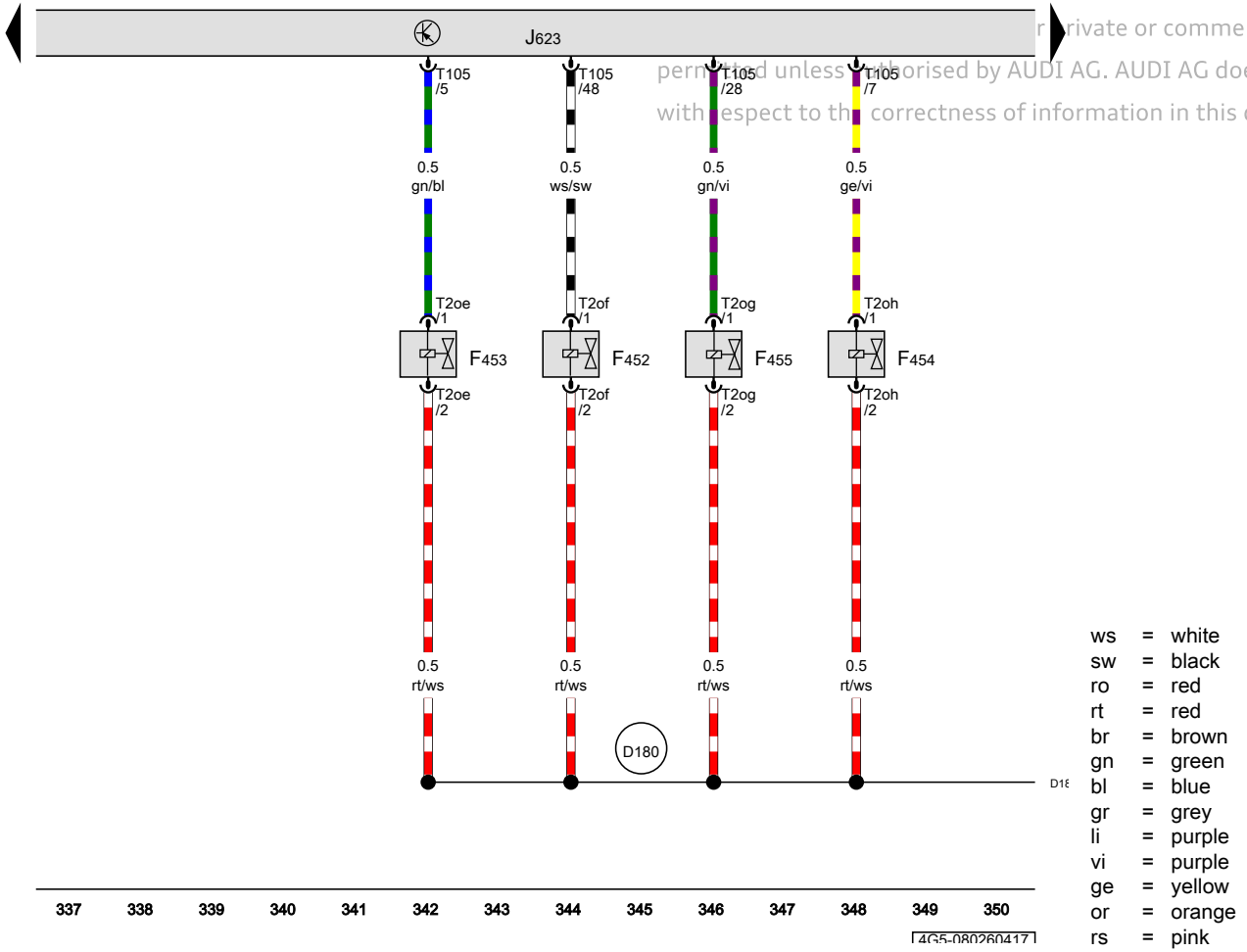
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Inlet cam actuator 2 for cylinder 2, Engine control unit

F452	Inlet cam actuator 1 for cylinder 2
F453	Inlet cam actuator 2 for cylinder 2
F454	Exhaust cam actuator 1 for cylinder 2
F455	Exhaust cam actuator 2 for cylinder 2
J623	Engine control unit
T2oe	2-pin connector
T2of	2-pin connector
T2og	2-pin connector
T2oh	2-pin connector
T105	105-pin connector
D180	Connection (87a), in engine compartment wiring harness

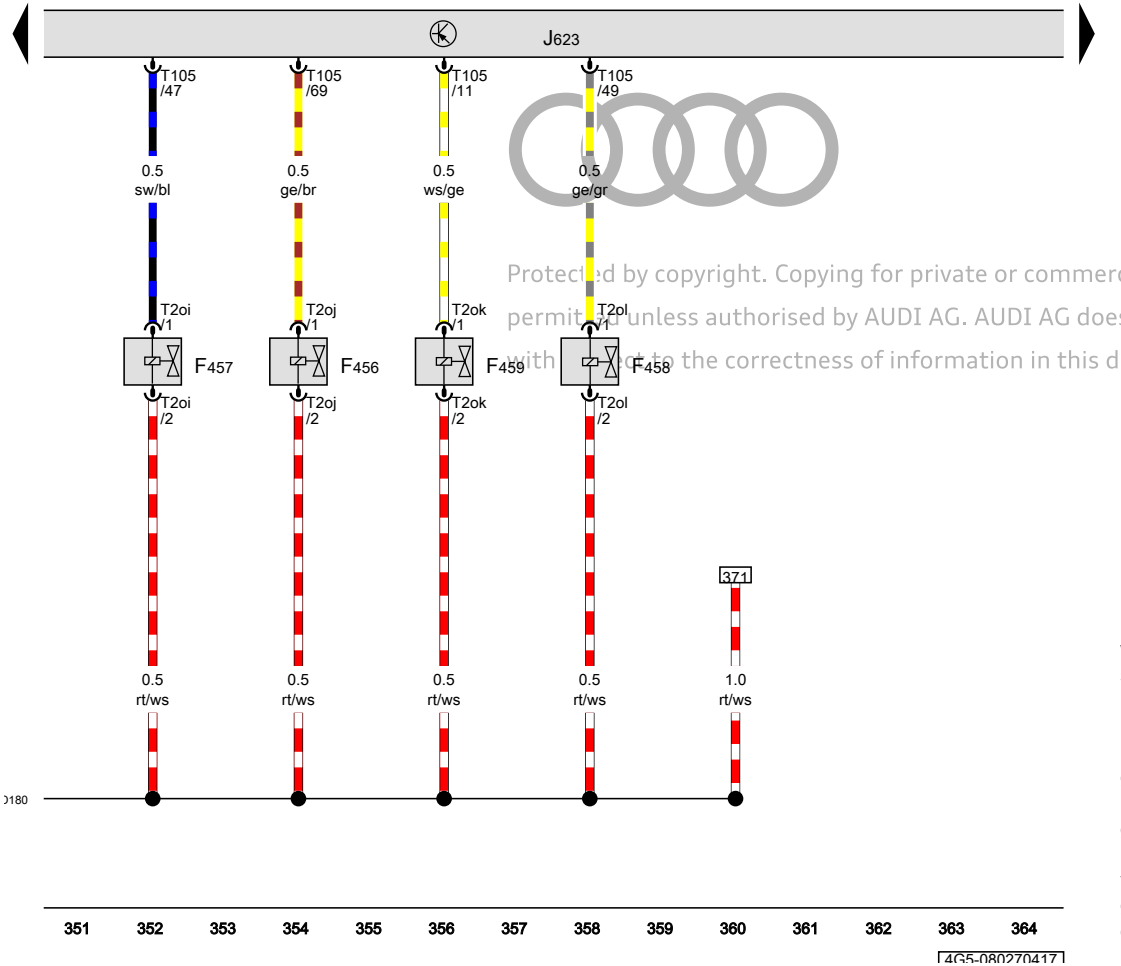
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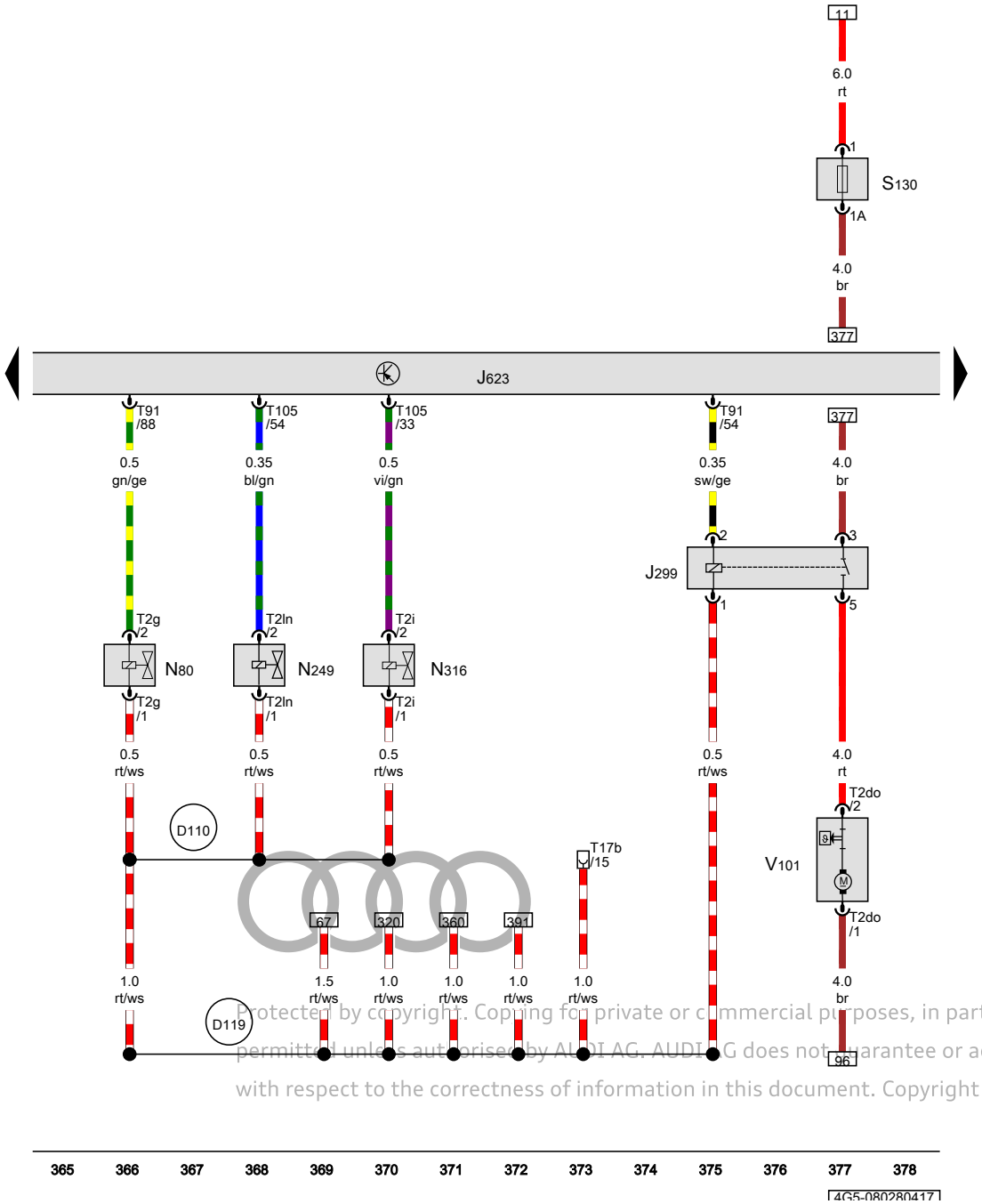
Inlet cam actuator 2 for cylinder 3, Engine control unit

F456	Inlet cam actuator 1 for cylinder 3
F457	Inlet cam actuator 2 for cylinder 3
F458	Exhaust cam actuator 1 for cylinder 3
F459	Exhaust cam actuator 2 for cylinder 3
J623	Engine control unit
T2oi	2-pin connector
T2oj	2-pin connector
T2ok	2-pin connector
T2ol	2-pin connector
T105	105-pin connector
D180	Connection (87a), in engine compartment wiring harness



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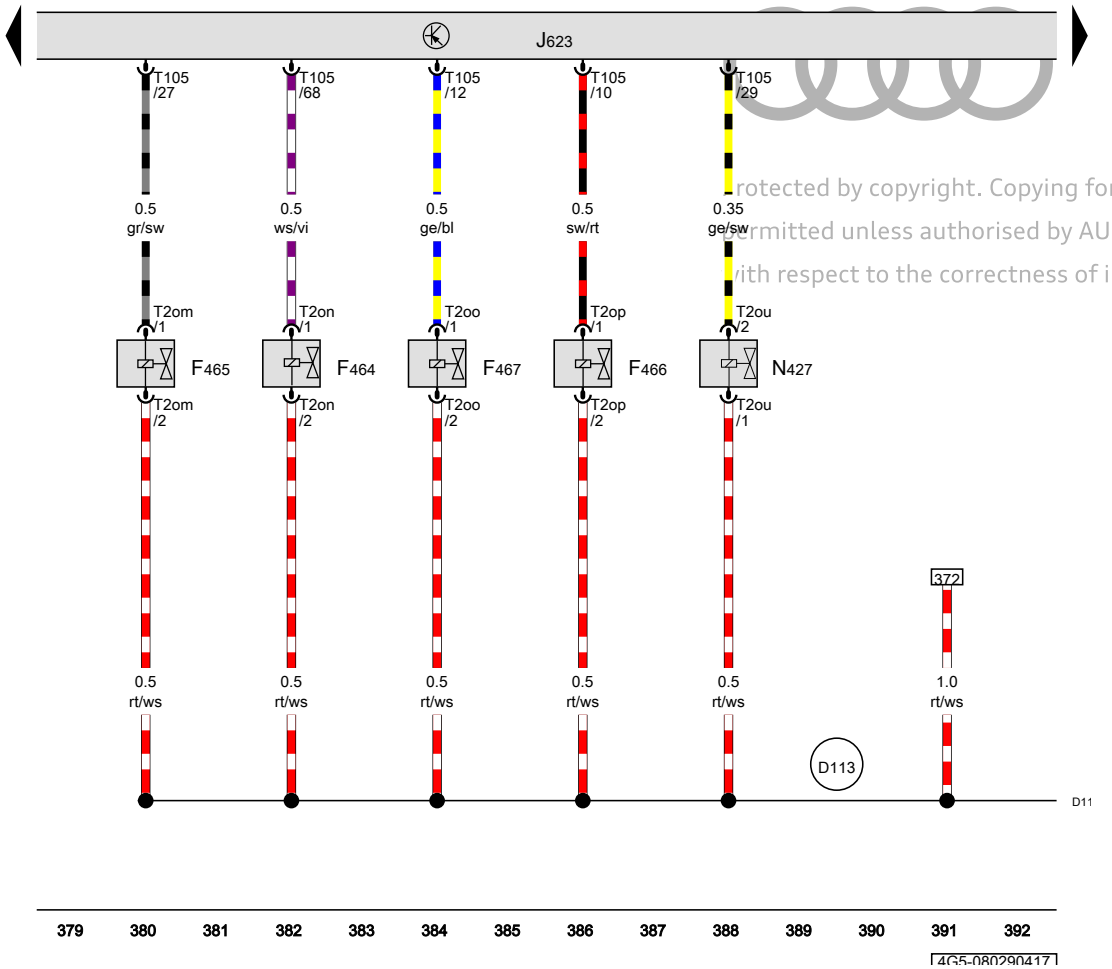
Secondary air pump relay, Engine control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Secondary air pump fuse

J299	Secondary air pump relay
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
S130	Secondary air pump fuse
T2do	2-pin connector
T2g	2-pin connector
T2i	2-pin connector
T2ln	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
V101	Secondary air pump motor
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

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rs	=	pink

Inlet cam actuator 2 for cylinder 5, Engine control unit

F464	Inlet cam actuator 1 for cylinder 5
F465	Inlet cam actuator 2 for cylinder 5
F466	Exhaust cam actuator 1 for cylinder 5
F467	Exhaust cam actuator 2 for cylinder 5
J623	Engine control unit
N427	Turbocharger air recirculation valve, cylinder bank 2
T2om	2-pin connector
T2on	2-pin connector
T2oo	2-pin connector
T2op	2-pin connector
T2ou	2-pin connector
T105	105-pin connector
D113	Connection 11 in engine compartment wiring harness

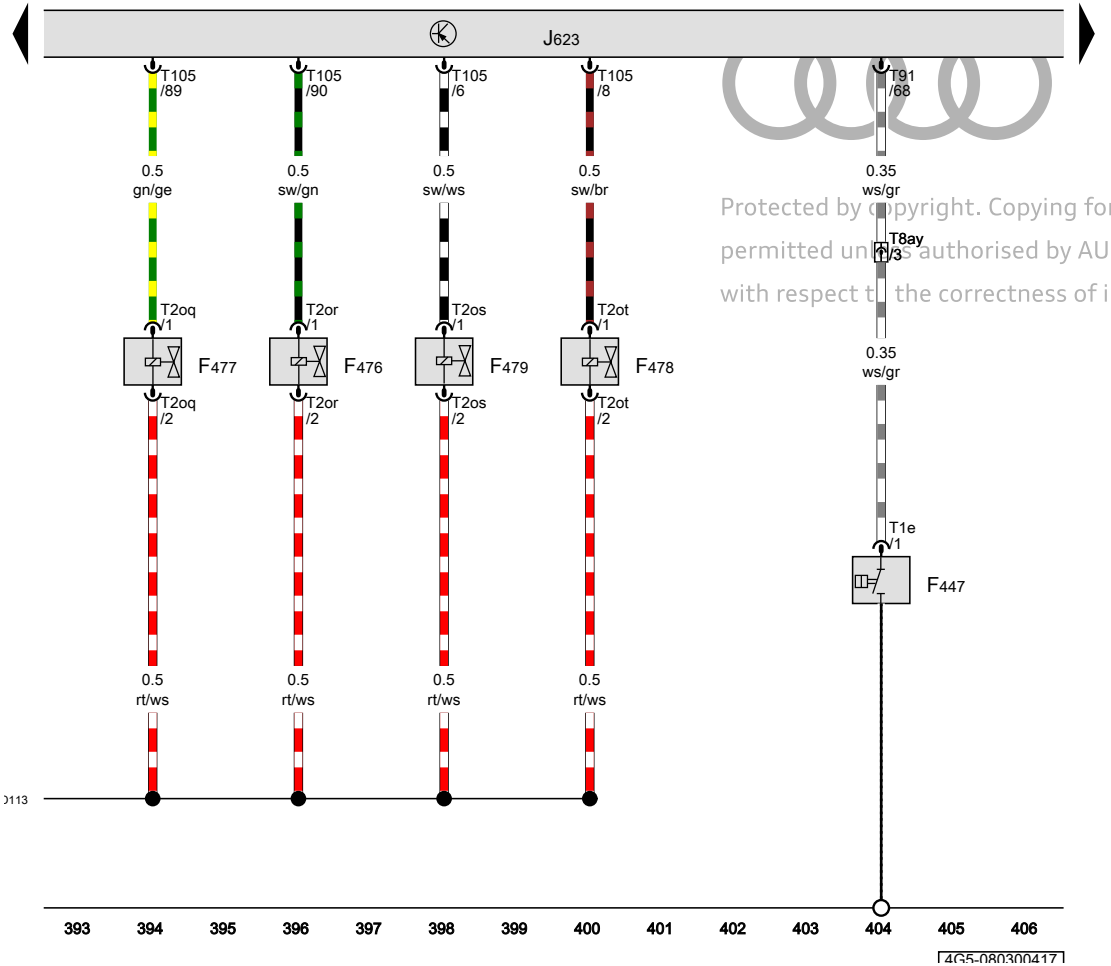


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Stage 3 oil pressure switch, Inlet cam actuator 2 for cylinder 8, Engine control unit

F447	Stage 3 oil pressure switch
F476	Inlet cam actuator 1 for cylinder 8
F477	Inlet cam actuator 2 for cylinder 8
F478	Exhaust cam actuator 1 for cylinder 8
F479	Exhaust cam actuator 2 for cylinder 8
J623	Engine control unit
T1e	1-pin connector
T2oq	2-pin connector
T2or	2-pin connector
T2os	2-pin connector
T2ot	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector
T105	105-pin connector
D113	Connection 11 in engine compartment wiring harness

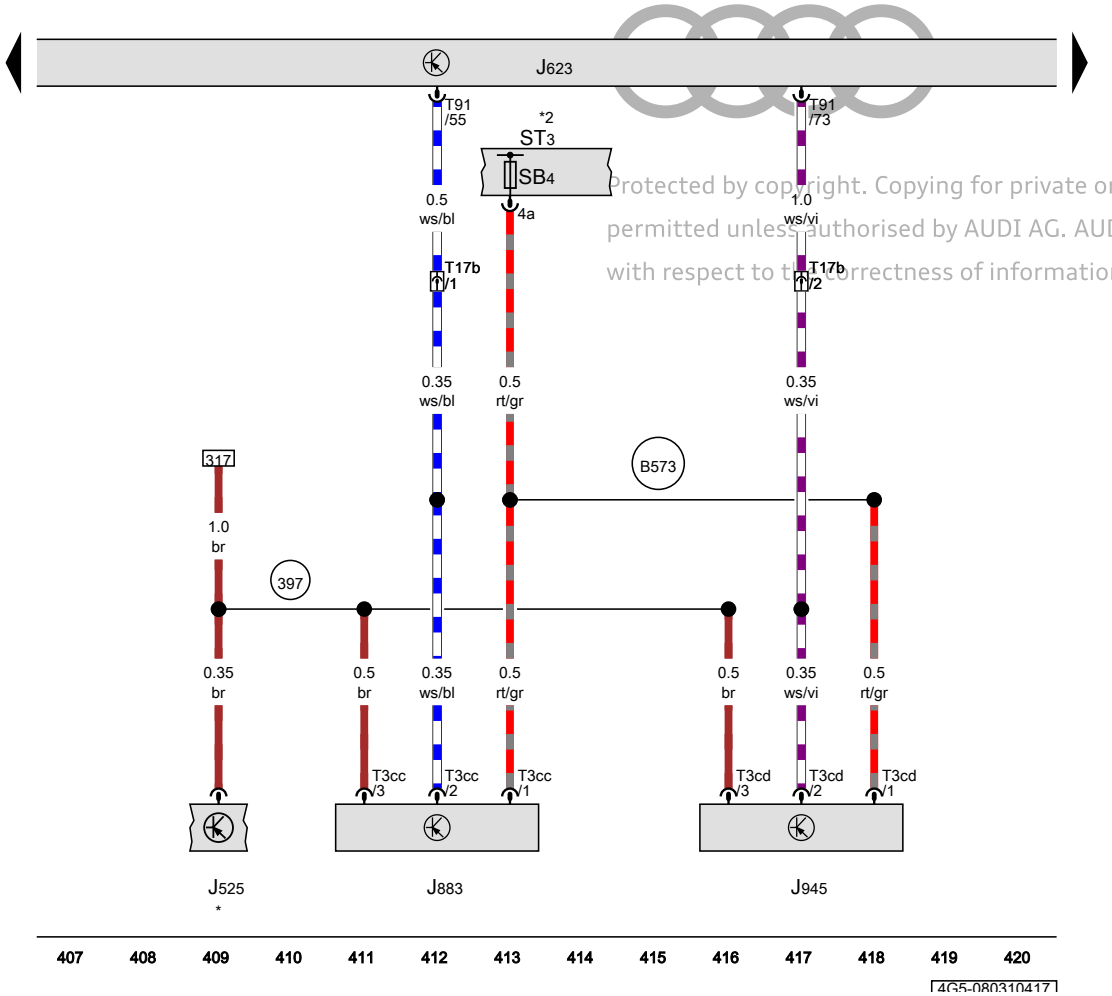


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Engine control unit, Exhaust flap control unit, Exhaust flap control unit 2

J525	Digital sound package control unit
J623	Engine control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T3cc	3-pin connector
T3cd	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
397	Earth connection 32, in main wiring harness
B573	Connection 40, in main wiring harness
*	see applicable current flow diagram for sound system
*2	see applicable current flow diagram for fuse assignment



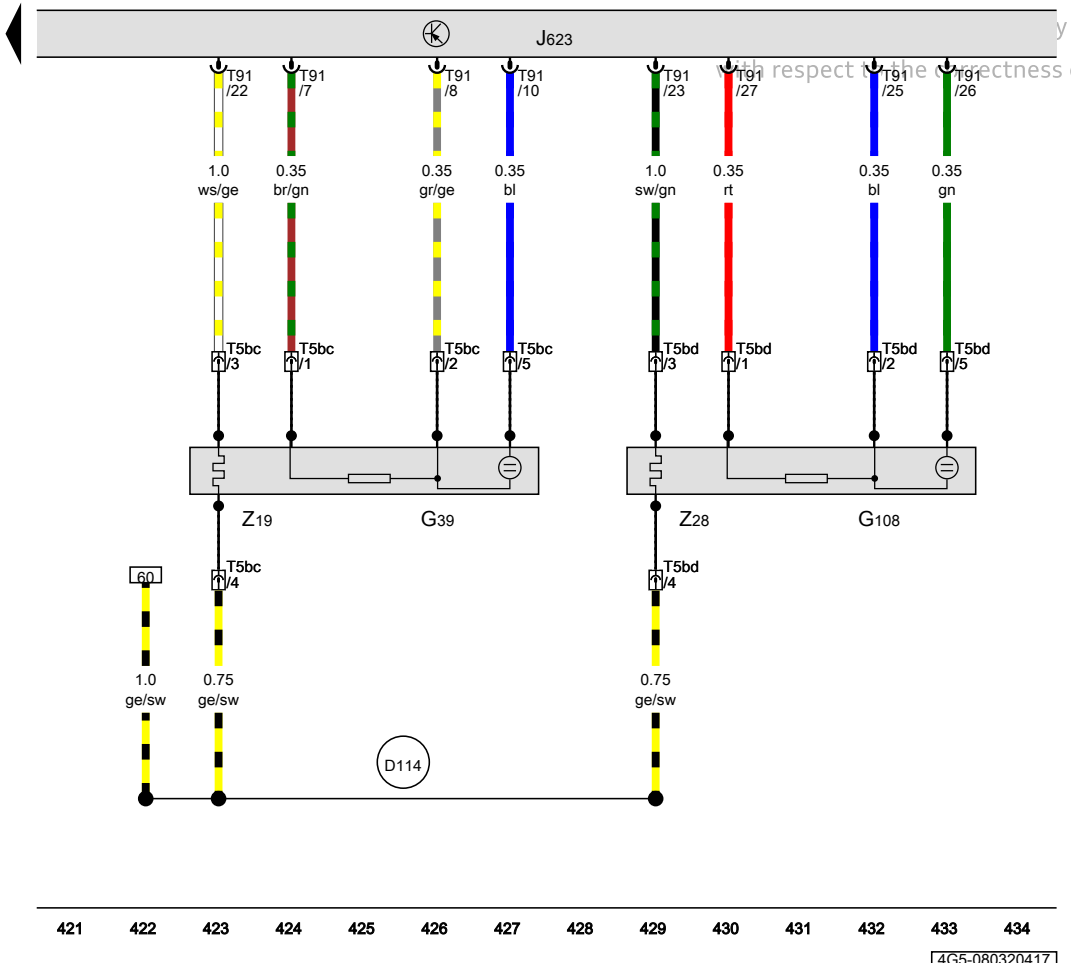
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Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
T5bc	5-pin connector, brown
T5bd	5-pin connector, black
T91	91-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness

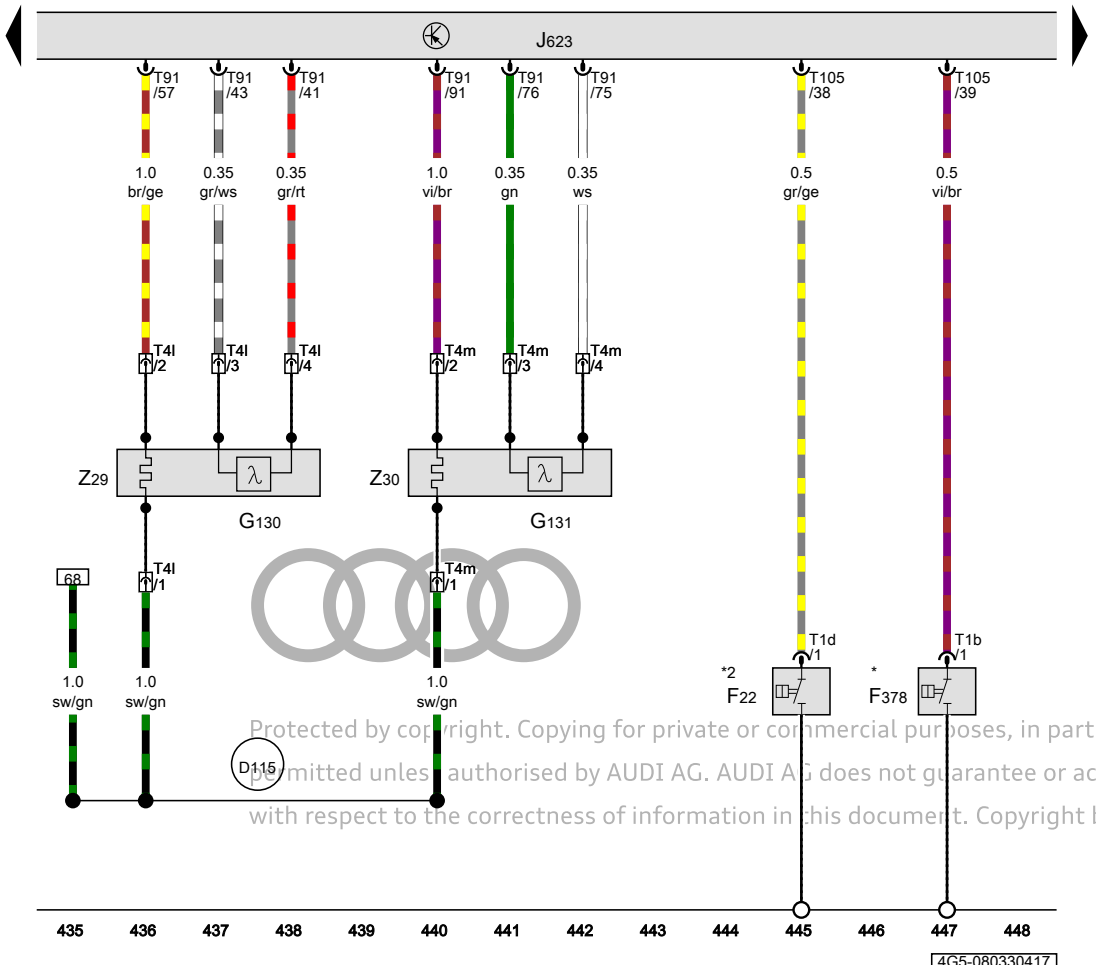
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit

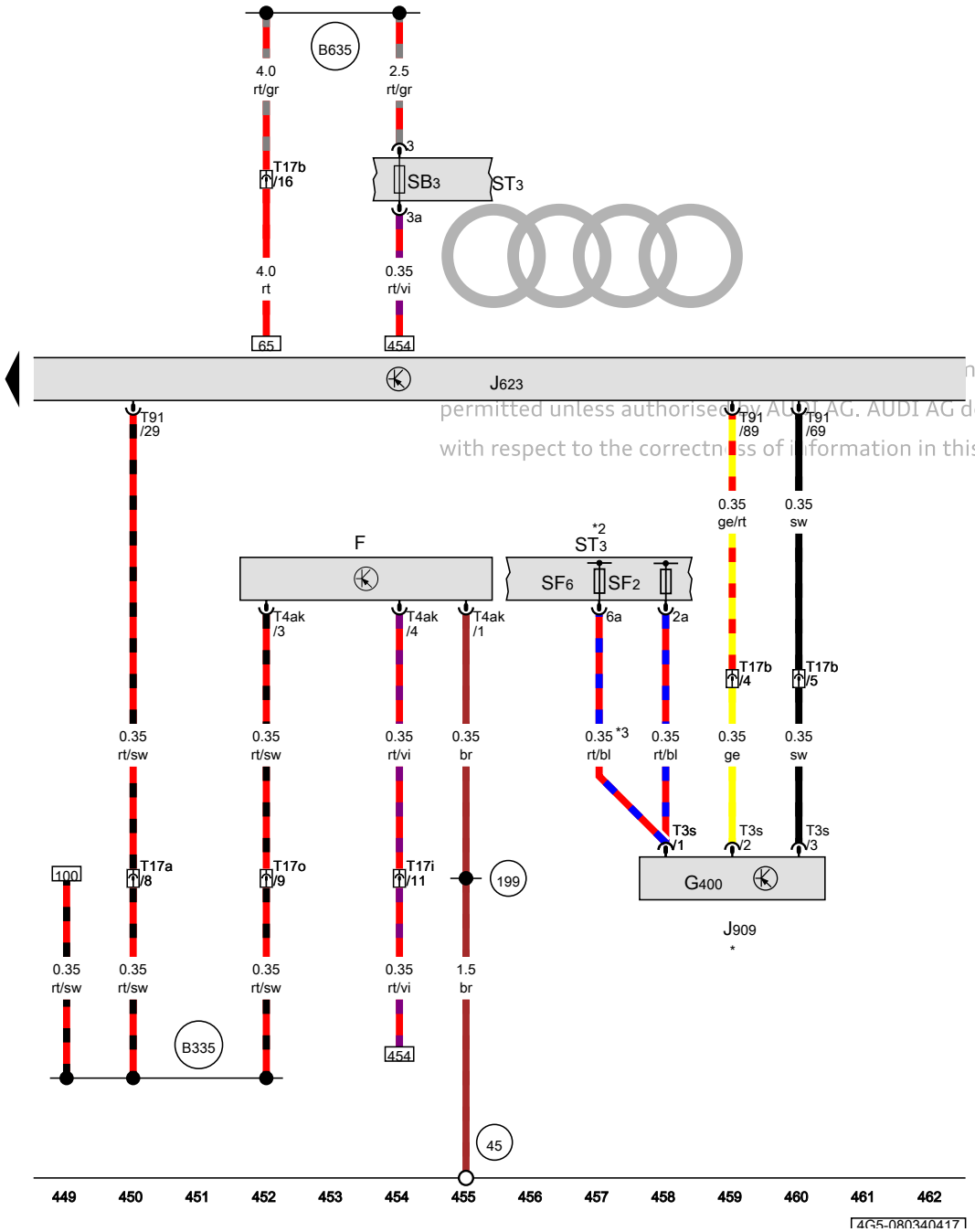
F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
T1b	1-pin connector
T1d	1-pin connector
T4l	4-pin connector, black
T4m	4-pin connector, brown
T91	91-pin connector
T105	105-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D115	Connection 13 in engine compartment wiring harness
*	0.9 bar
*2	2.6 bar



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Brake light switch, Engine control unit, Control unit for fuel tank leak detection



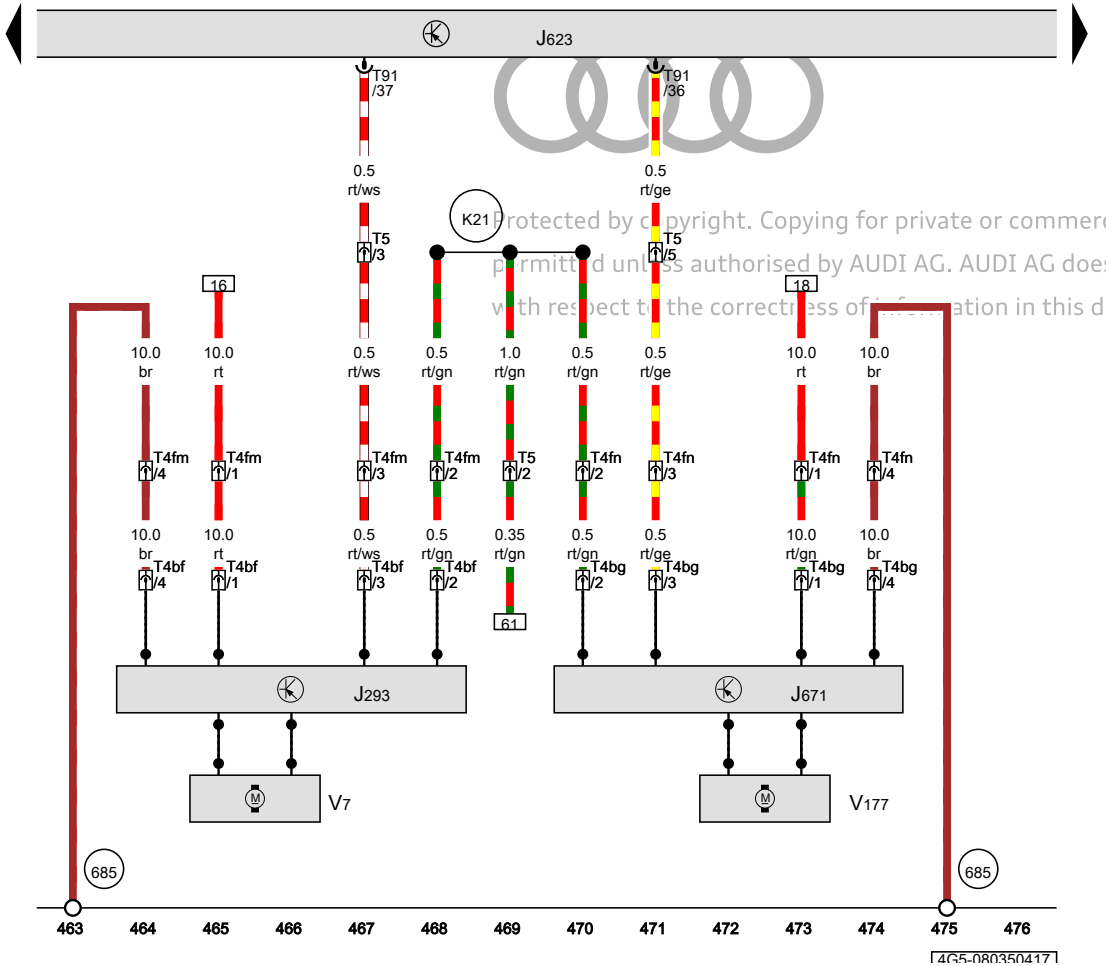
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F	Brake light switch
G400	Tank pressure sensor
J623	Engine control unit
J909	Control unit for fuel tank leak detection
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
SF6	Fuse 6 in fuse holder F
T3s	3-pin connector
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T91	91-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
*	For models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment
*3	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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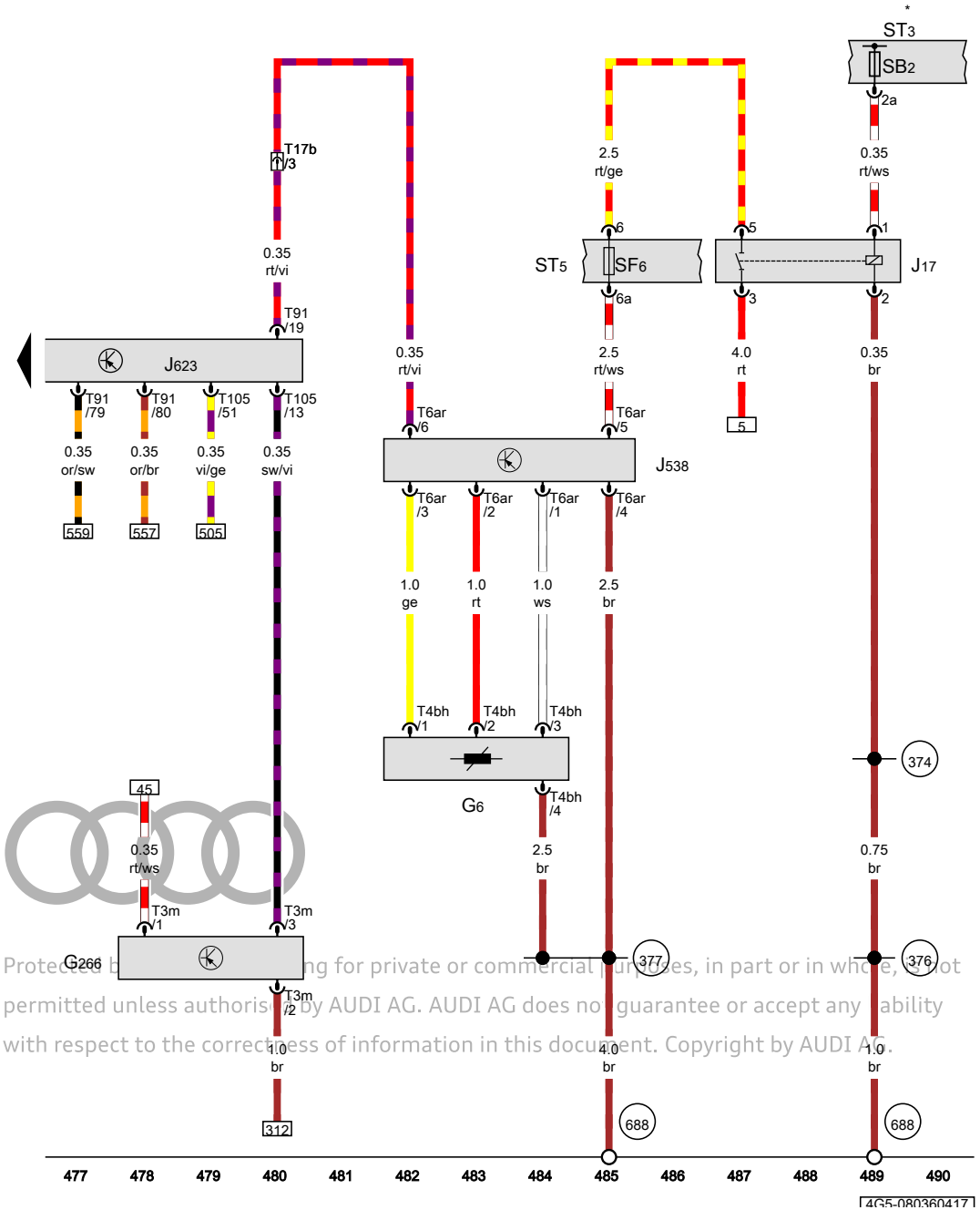
Radiator fan control unit, Engine control unit, Radiator fan control unit 2, Radiator fan

J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T91	91-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness



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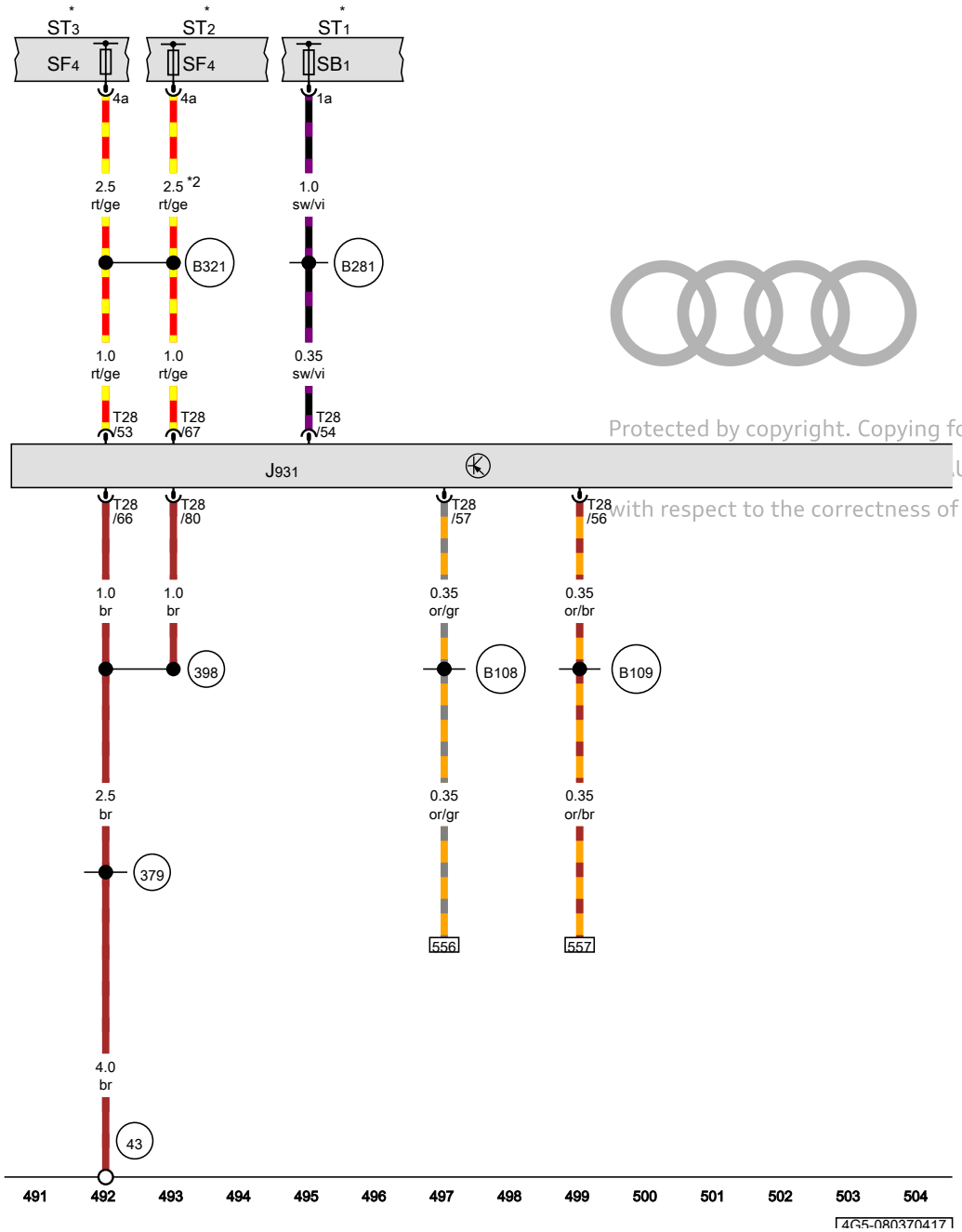


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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump relay, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J17	Fuel pump relay
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector
T105	105-pin connector
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment

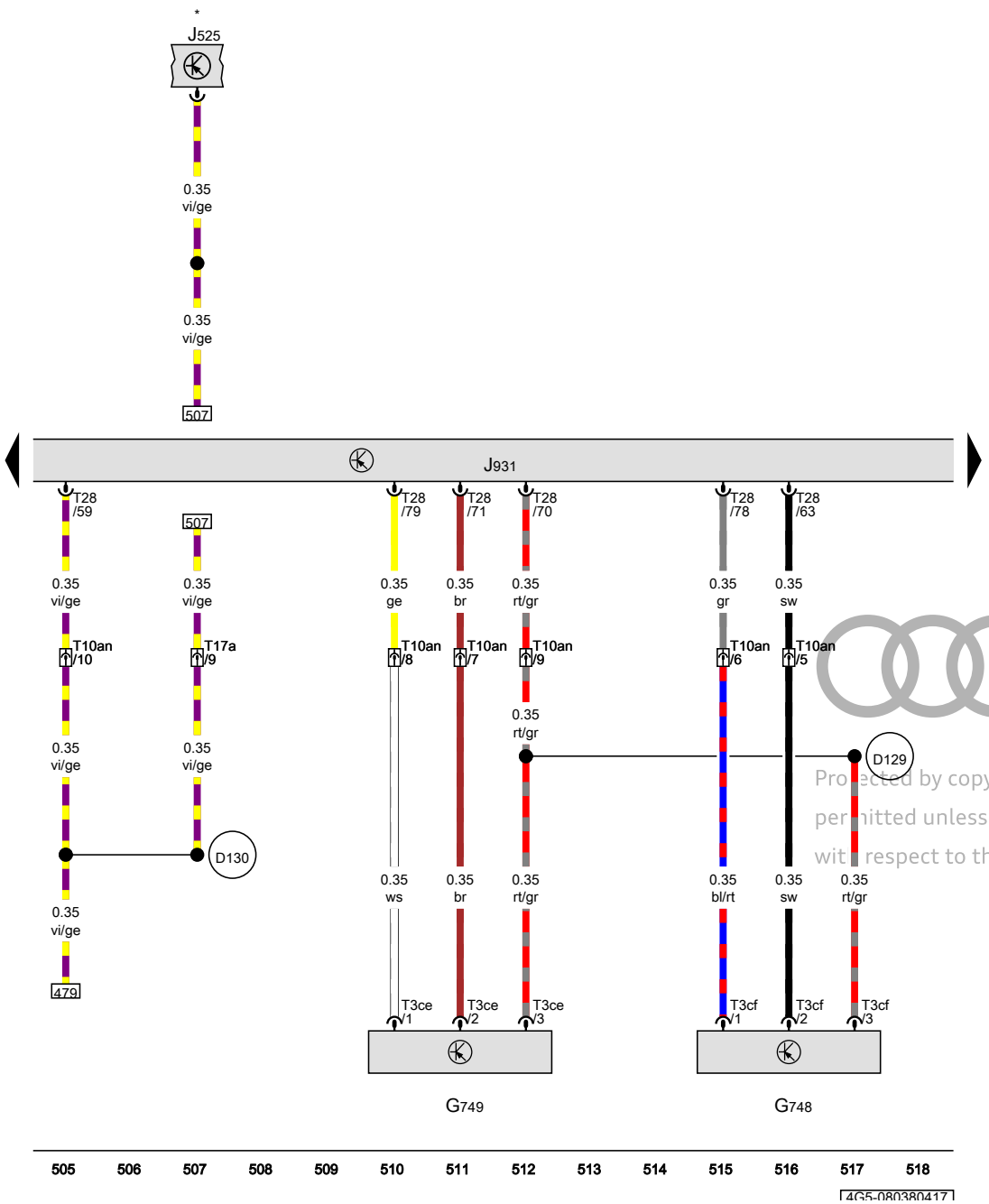


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Power unit mounting control unit

J931	Power unit mounting control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T28	28-pin connector
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
398	Earth connection 33, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

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Power unit mounting sender 1, Power unit mounting sender 2, Power unit mounting control unit

G748	Power unit mounting sender 1
G749	Power unit mounting sender 2
J525	Digital sound package control unit
J931	Power unit mounting control unit
T3ce	3-pin connector
T3cf	3-pin connector
T10an	10-pin connector, front left in engine compartment
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T28	28-pin connector
D129	Connection 27 in engine compartment wiring harness
D130	Connection 28 in engine compartment wiring harness
*	see applicable current flow diagram for sound system

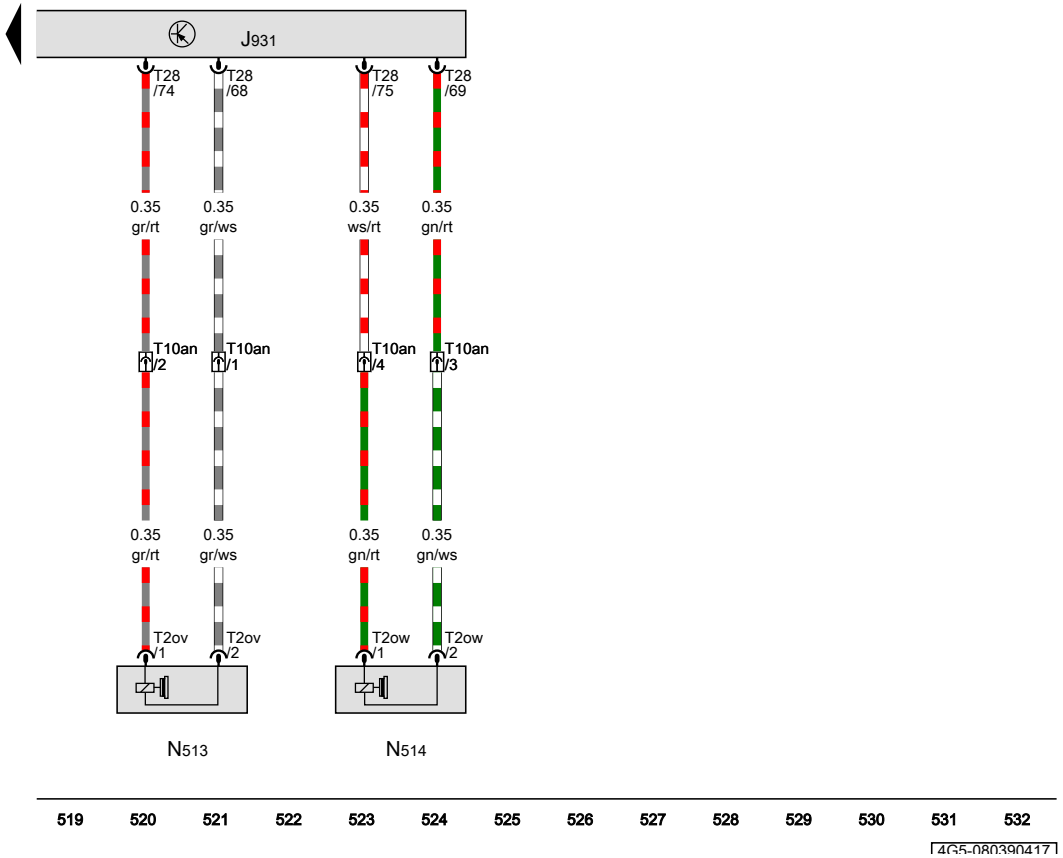
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Power unit mounting control unit, Power unit mounting actuator 1

J931	Power unit mounting control unit
N513	Power unit mounting actuator 1
N514	Power unit mounting actuator 2
T2ov	2-pin connector
T2ow	2-pin connector
T10an	10-pin connector, front left in engine compartment
T28	28-pin connector

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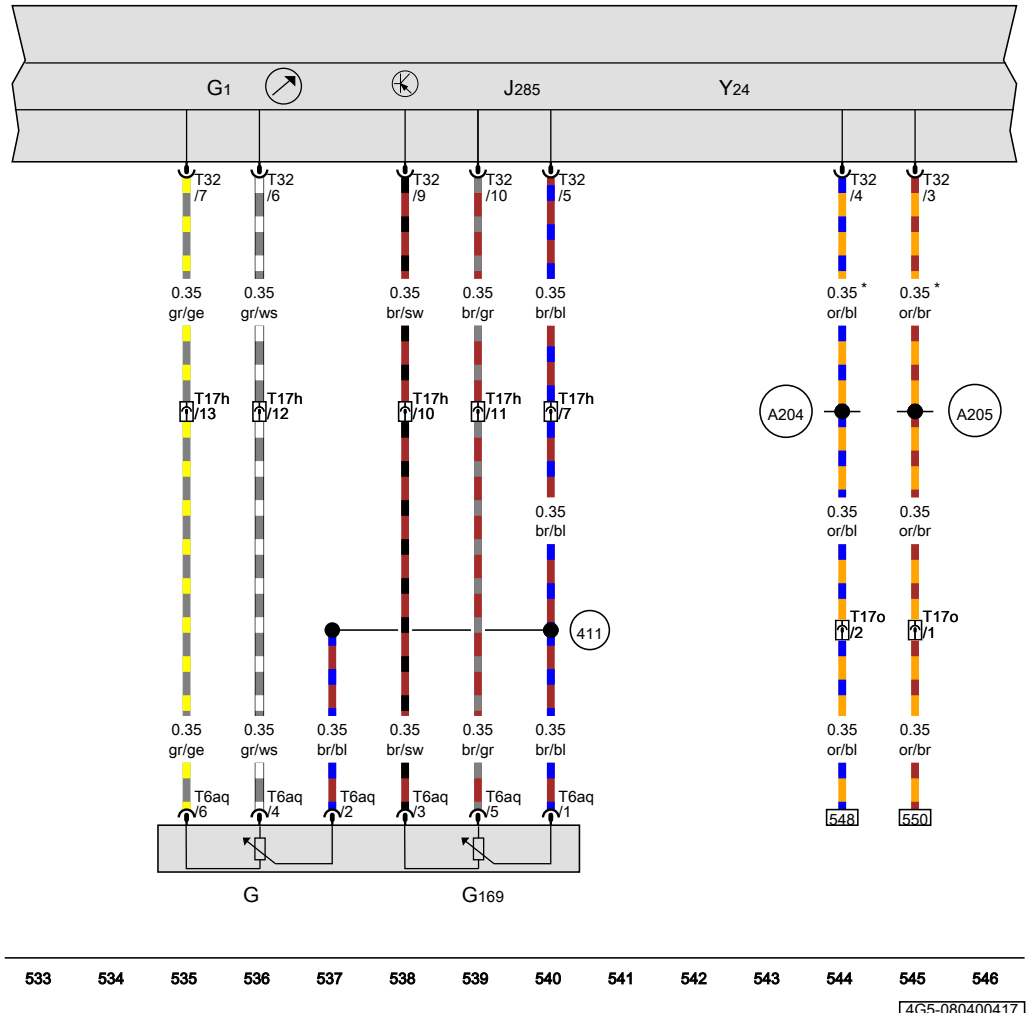


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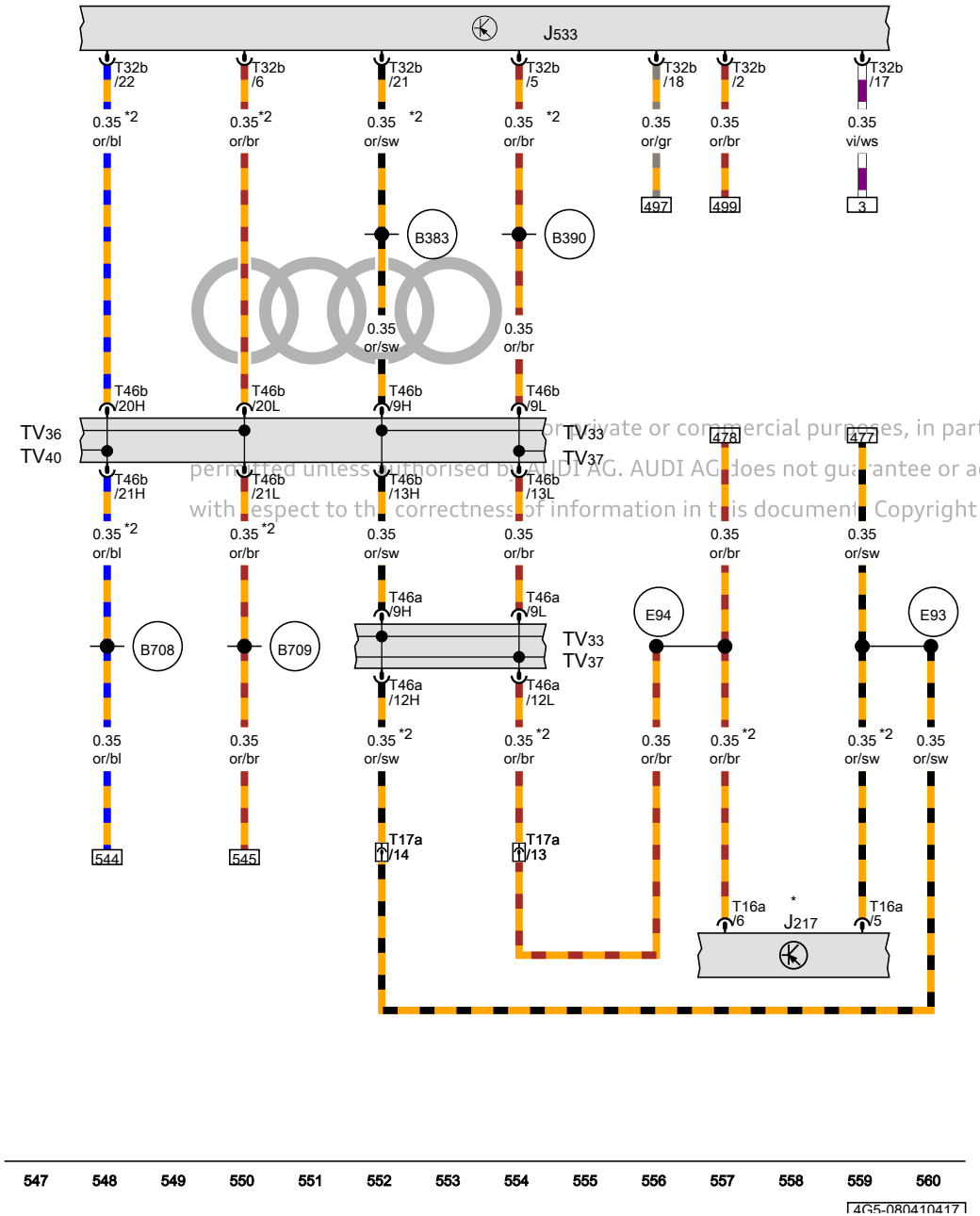
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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)



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Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
T16a 16-pin connector
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber
T32b 32-pin connector
T46a 46-pin connector
T46b 46-pin connector
TV33 Wiring junction for powertrain CAN bus, high
TV36 Wiring junction for dash panel insert CAN bus, high
TV37 Wiring junction for powertrain CAN bus, low
TV40 Wiring junction for dash panel insert CAN bus, low

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B708 Connection 1 (dash panel insert CAN bus high) in main wiring harness

B709 Connection 1 (dash panel insert CAN bus low) in main wiring harness

E93 Connection 1 (CAN bus high), in engine wiring harness

E94 Connection 1 (CAN bus low), in engine wiring harness

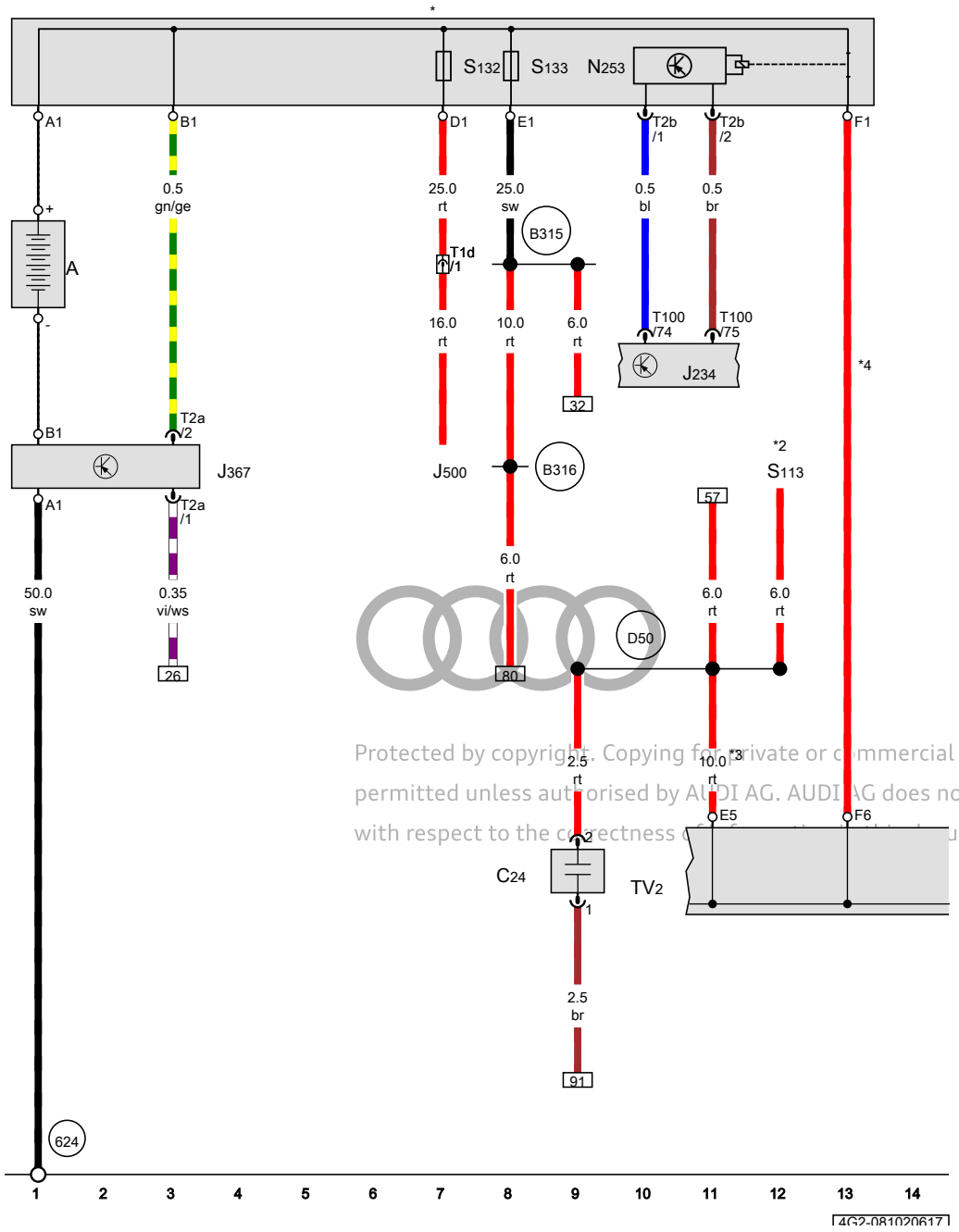
* see applicable current flow diagram for automatic gearbox
*2 Data bus wire (CAN bus)

2.0l diesel engine , CNHA,CSUD,CSUE,CZJA

From October 2013

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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction



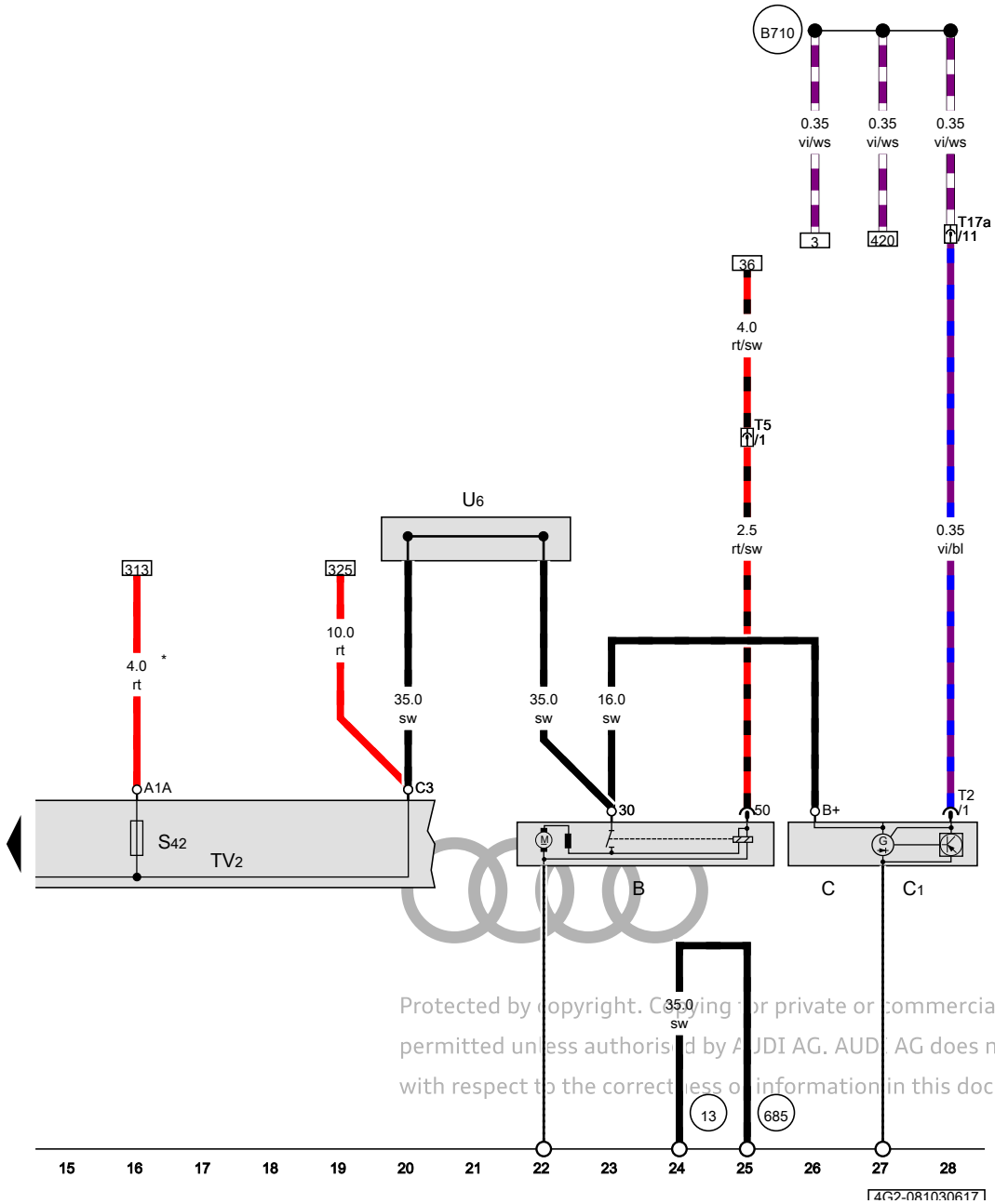
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A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for automatic gearbox
*3	Cross-section 6.0 possible
*4	Flat conductor

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or	=	orange
rs	=	pink

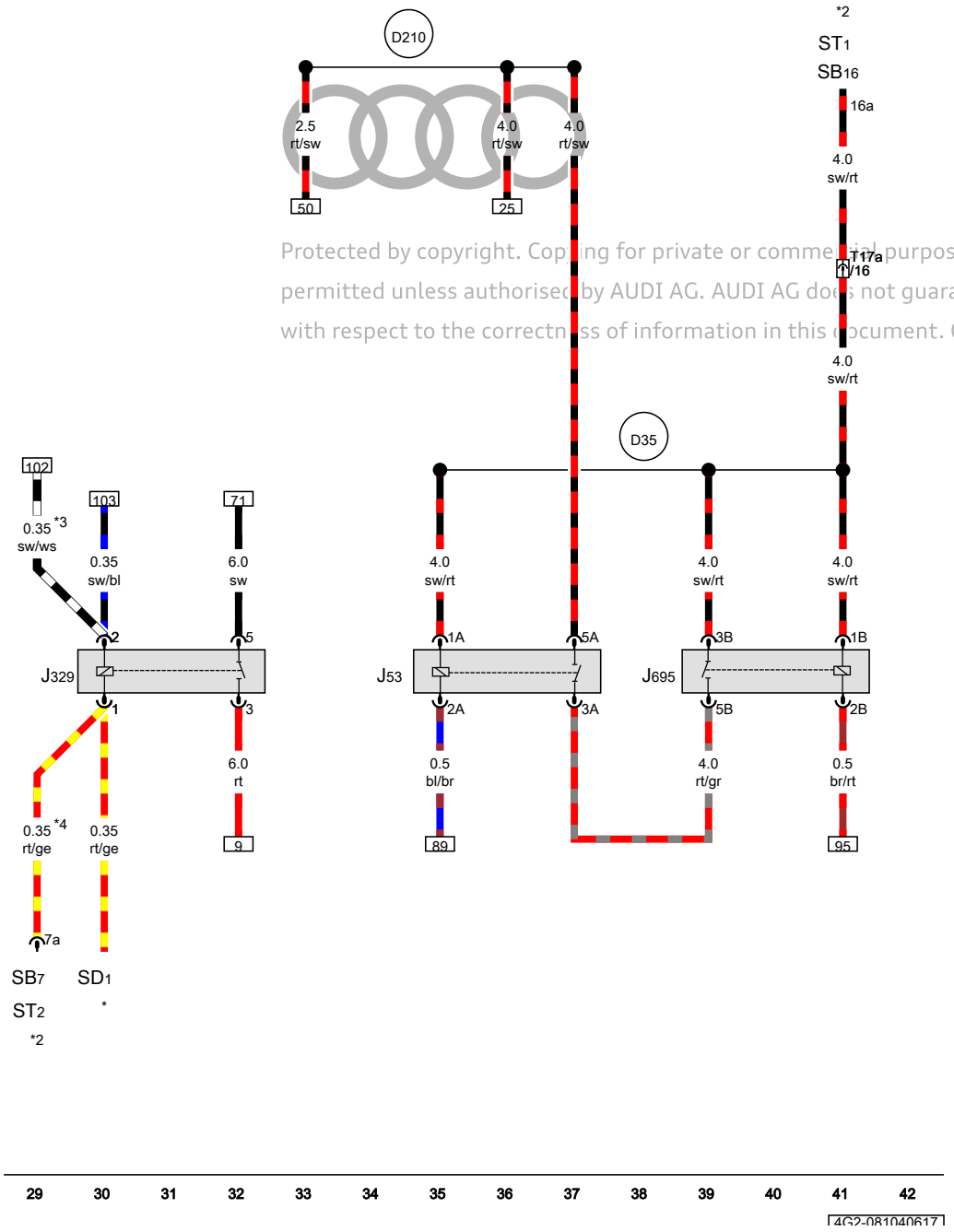
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
B710	Connection 5 (LIN bus) in main wiring harness
*	Cross-section 6.0 possible



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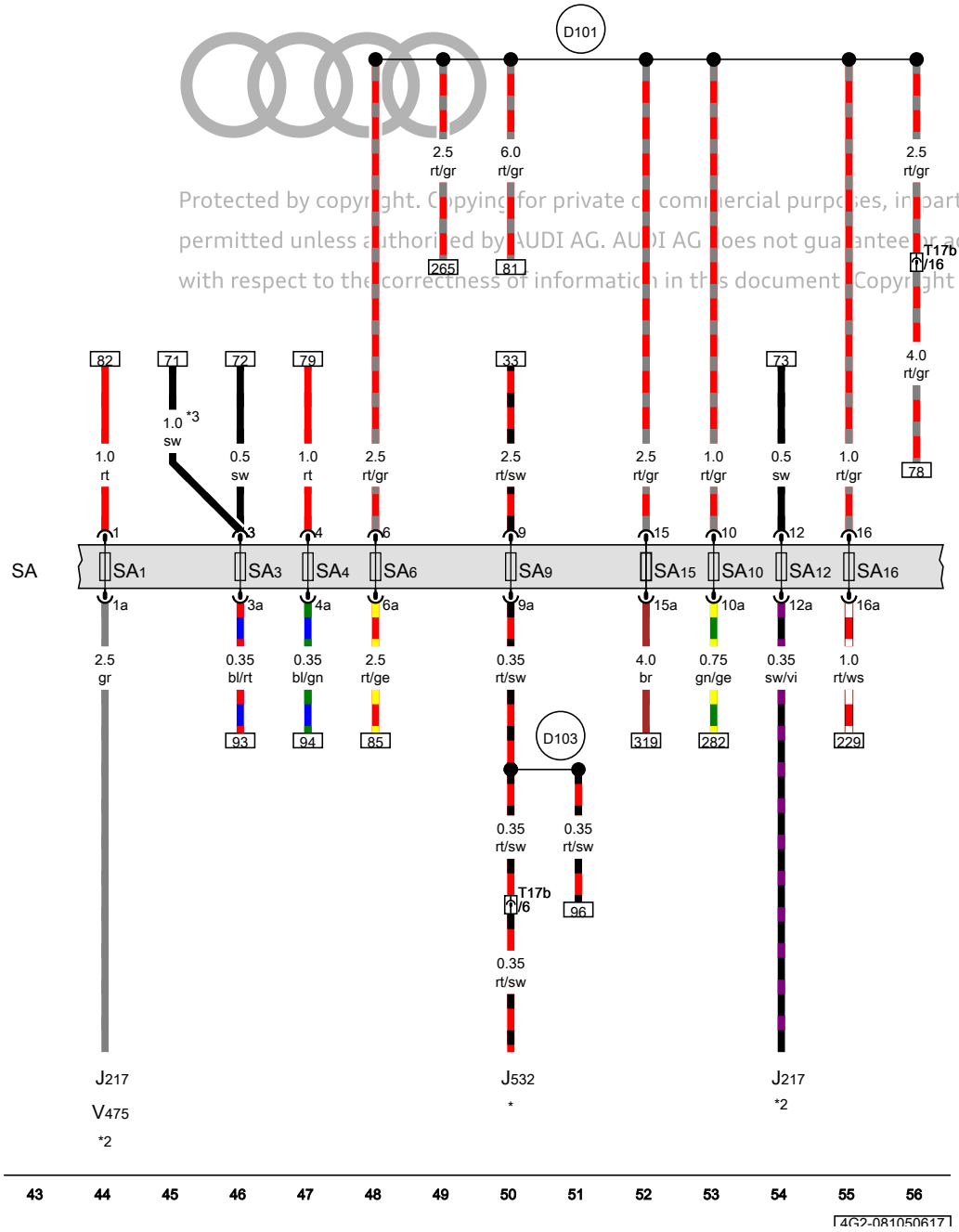
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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
SD1	Fuse 1 on fuse holder D
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	For right-hand drive models
*4	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

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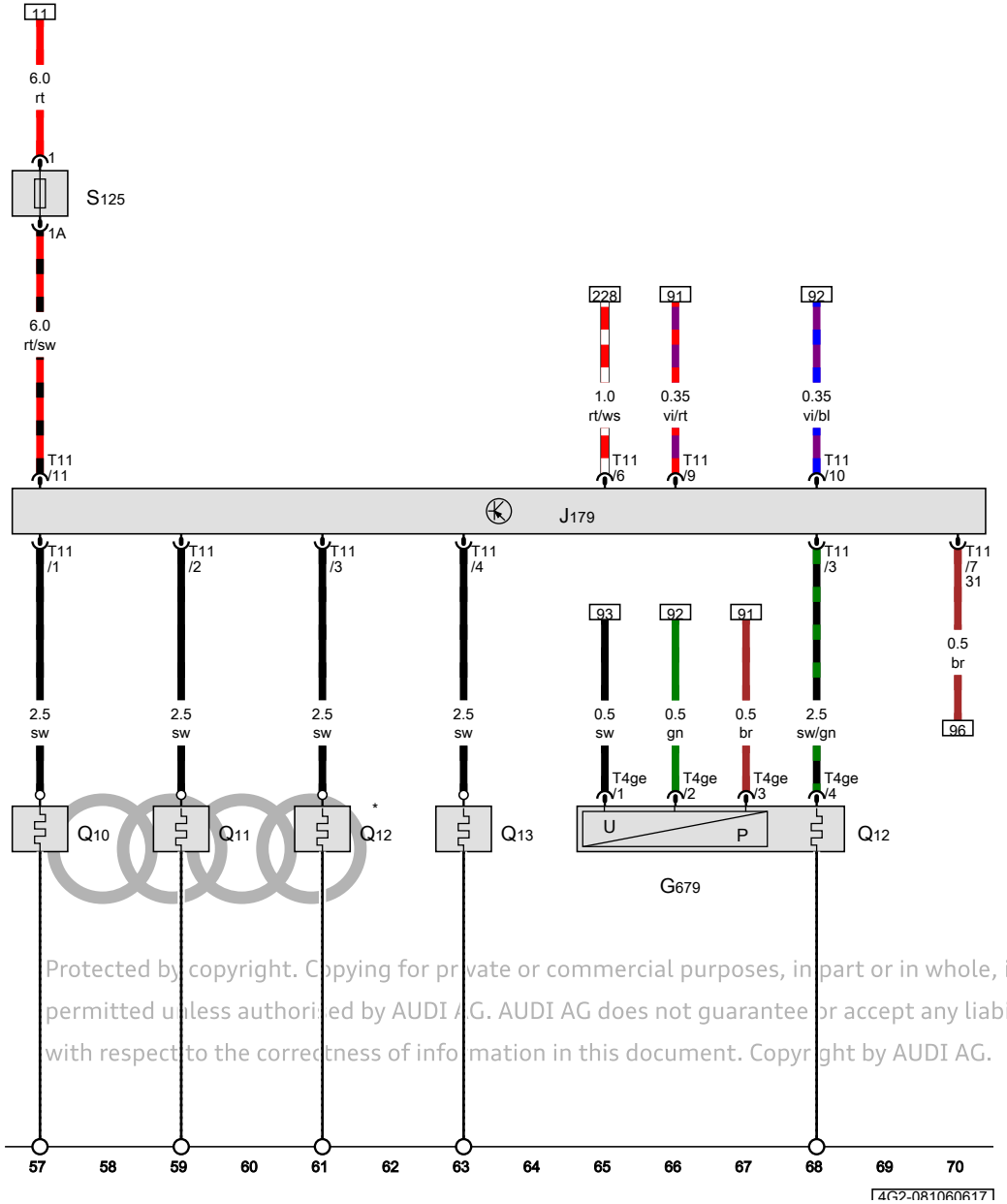
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sw = black
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gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
V475	Auxiliary hydraulic pump 1 for gearbox oil
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	For models with manual gearbox

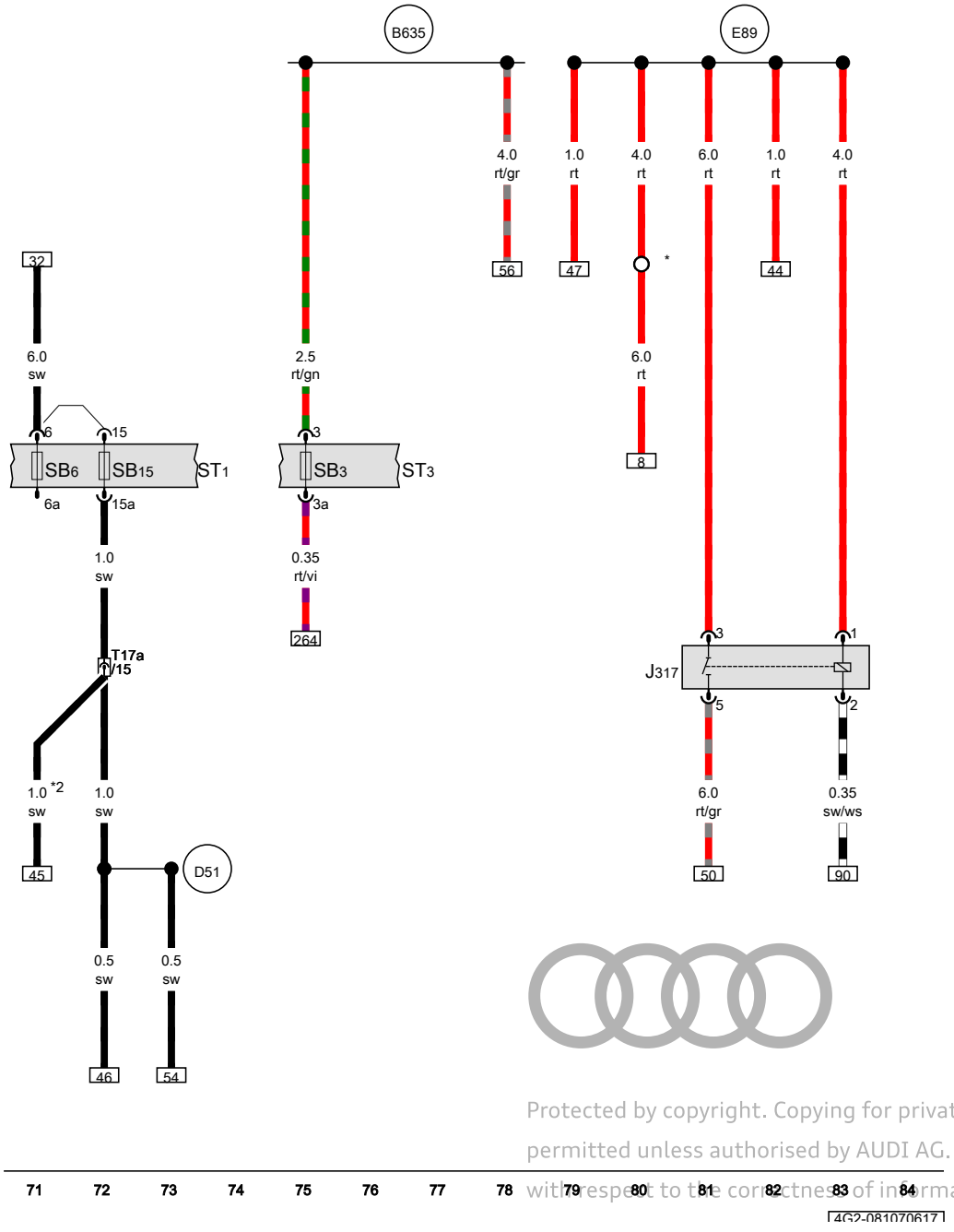
Cylinder 3 combustion chamber pressure sender, Automatic glow period control unit

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
S125	Glow plug fuse
T4ge	4-pin connector
T11	11-pin connector
*	For models with Euro 4 emission standard



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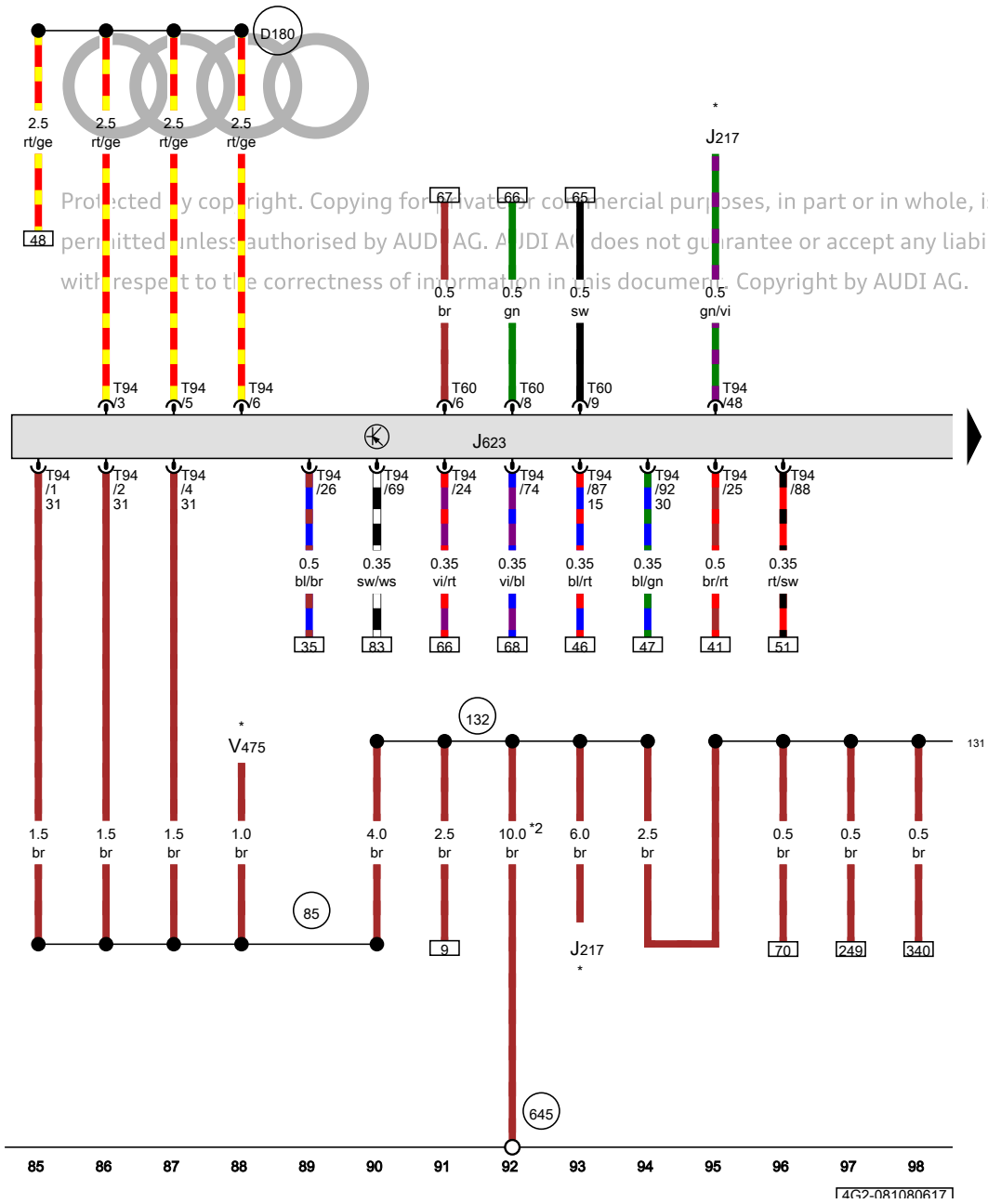


Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber
*2	For models with manual gearbox

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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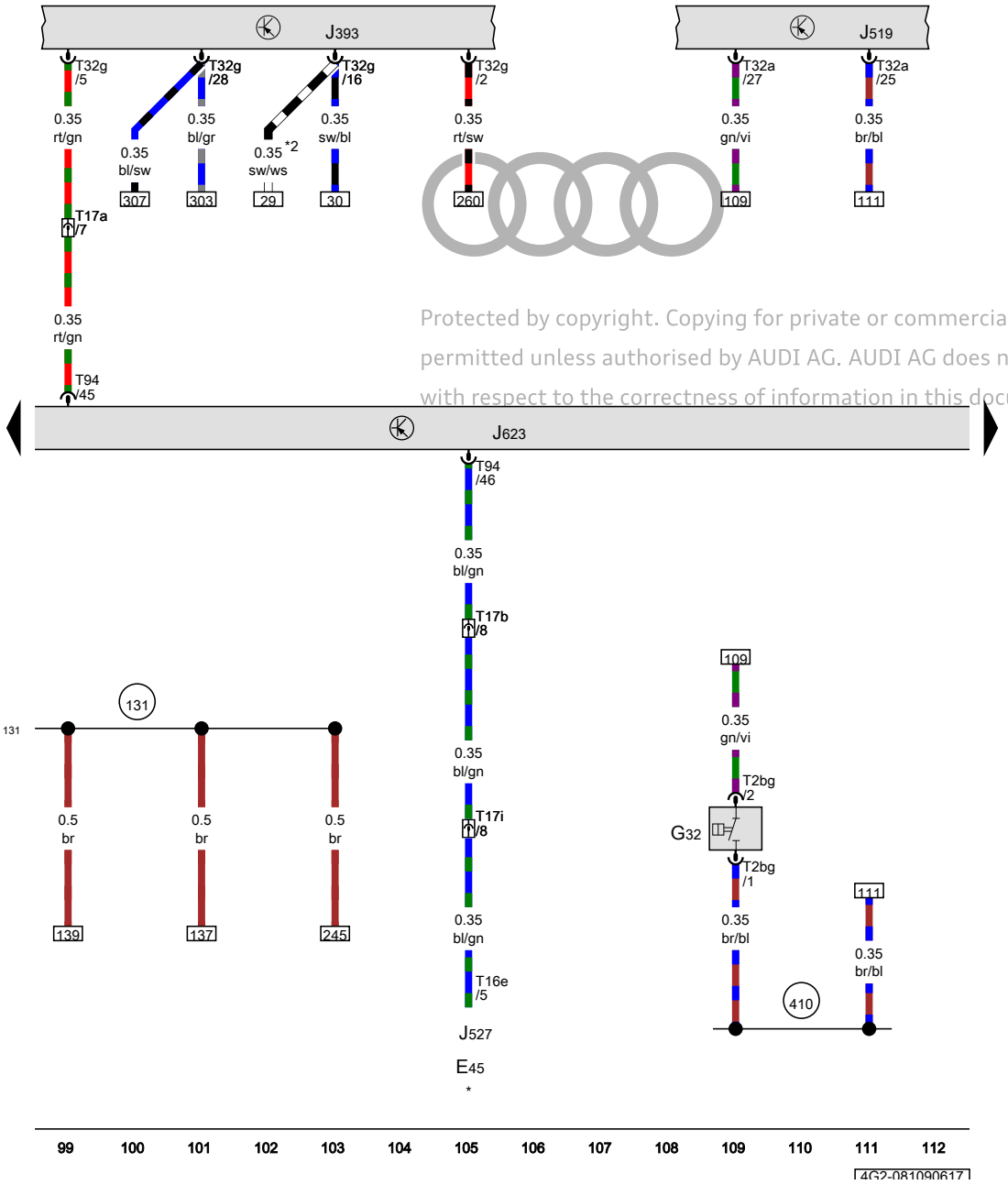
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Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T60	60-pin connector
T94	94-pin connector
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Cross-section 6.0 possible

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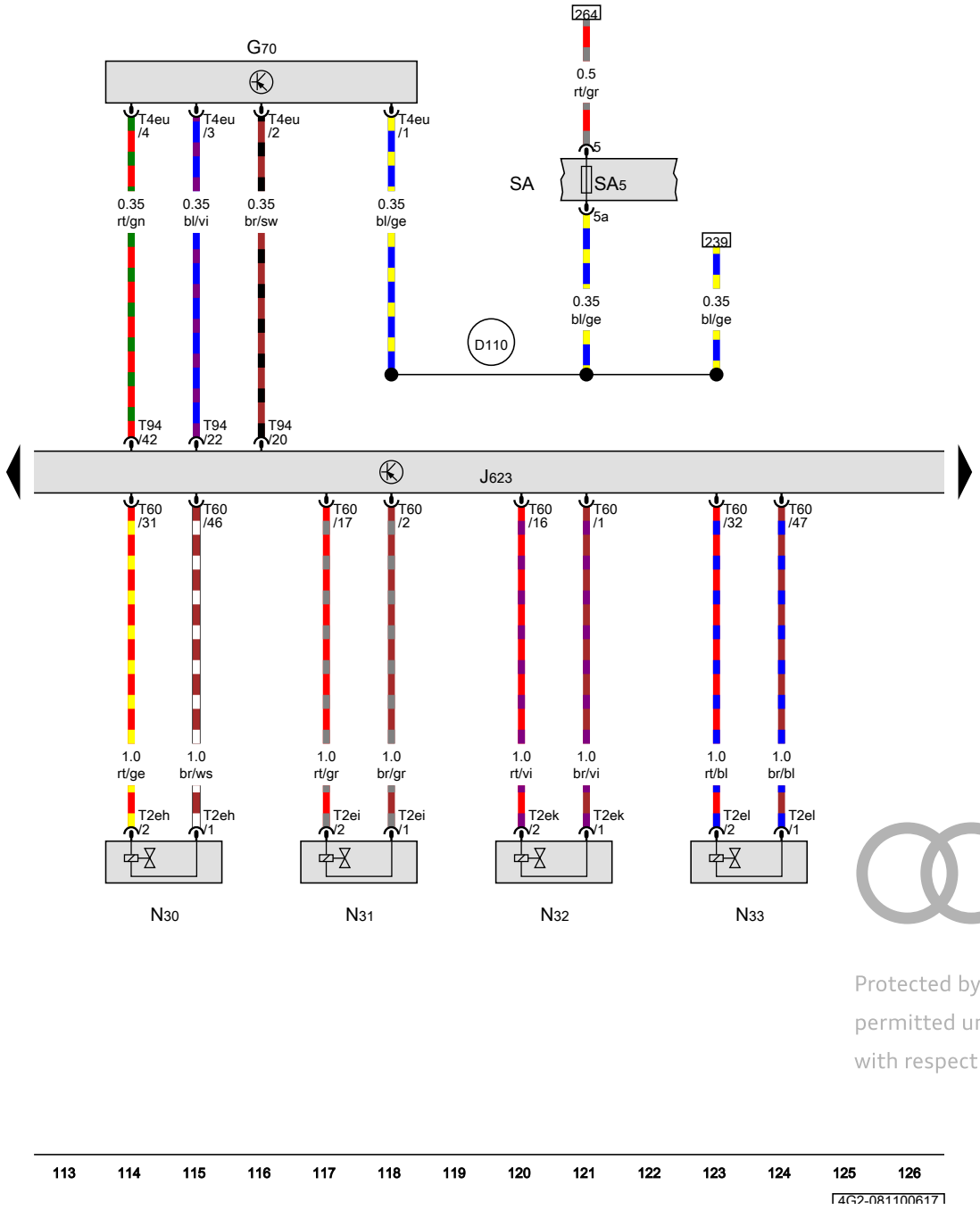
Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit



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E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector
T32g	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	For right-hand drive models

ws	=	white
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rt	=	red
br	=	brown
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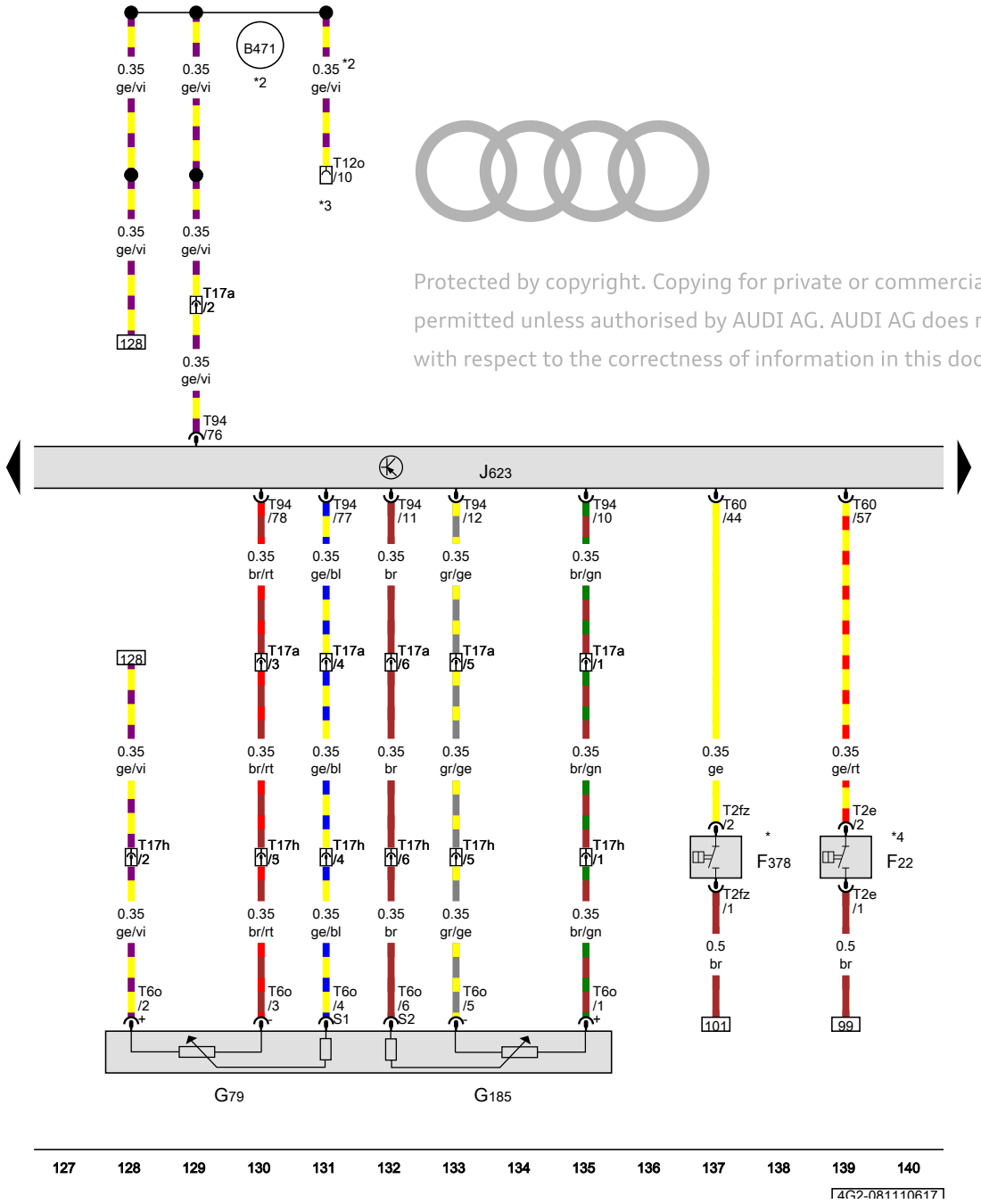


Air mass meter, Engine/motor control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
SA	Fuse holder A
SA5	Fuse 5 on fuse holder A
T2eh	2-pin connector, black
T2ei	2-pin connector, black
T2ek	2-pin connector, black
T2el	2-pin connector, black
T4eu	4-pin connector
T60	60-pin connector
T94	94-pin connector
D110	Connection 8 in engine compartment wiring harness

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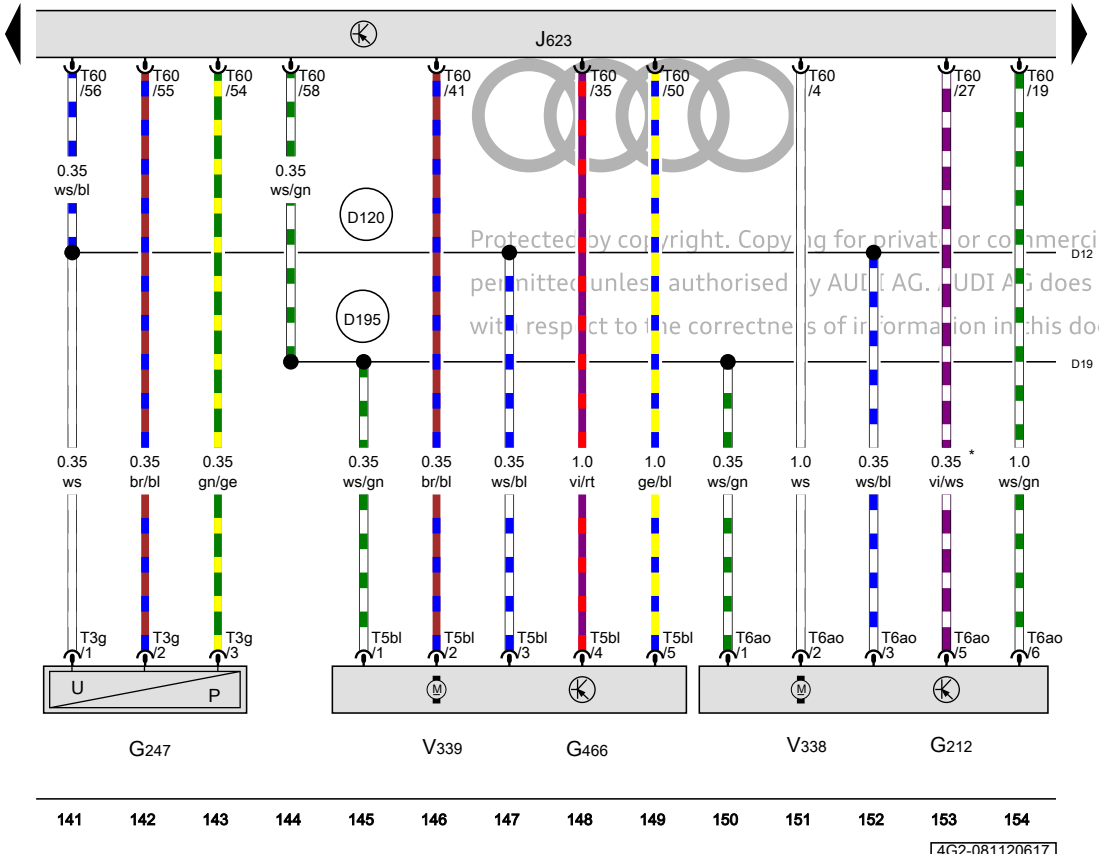
Oil pressure switch, Oil pressure switch for reduced oil pressure, Accelerator position sender, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T2e	2-pin connector
T2fz	2-pin connector
T6o	6-pin connector
T12o	12-pin connector, brown
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T60	60-pin connector
T94	94-pin connector
B471	Connection 7, in main wiring harness
*	0.9 bar
*2	Gradually discontinued
*3	For models with interface for special functions
*4	2.6 bar

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ge	=	yellow
or	=	orange
rs	=	pink

Fuel pressure sender, Engine/motor control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
G466	Exhaust gas recirculation potentiometer 2
J623	Engine/motor control unit
T3g	3-pin connector
T5bl	5-pin connector
T6ao	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
D120	Connection 18 in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	Wiring colour depends on equipment

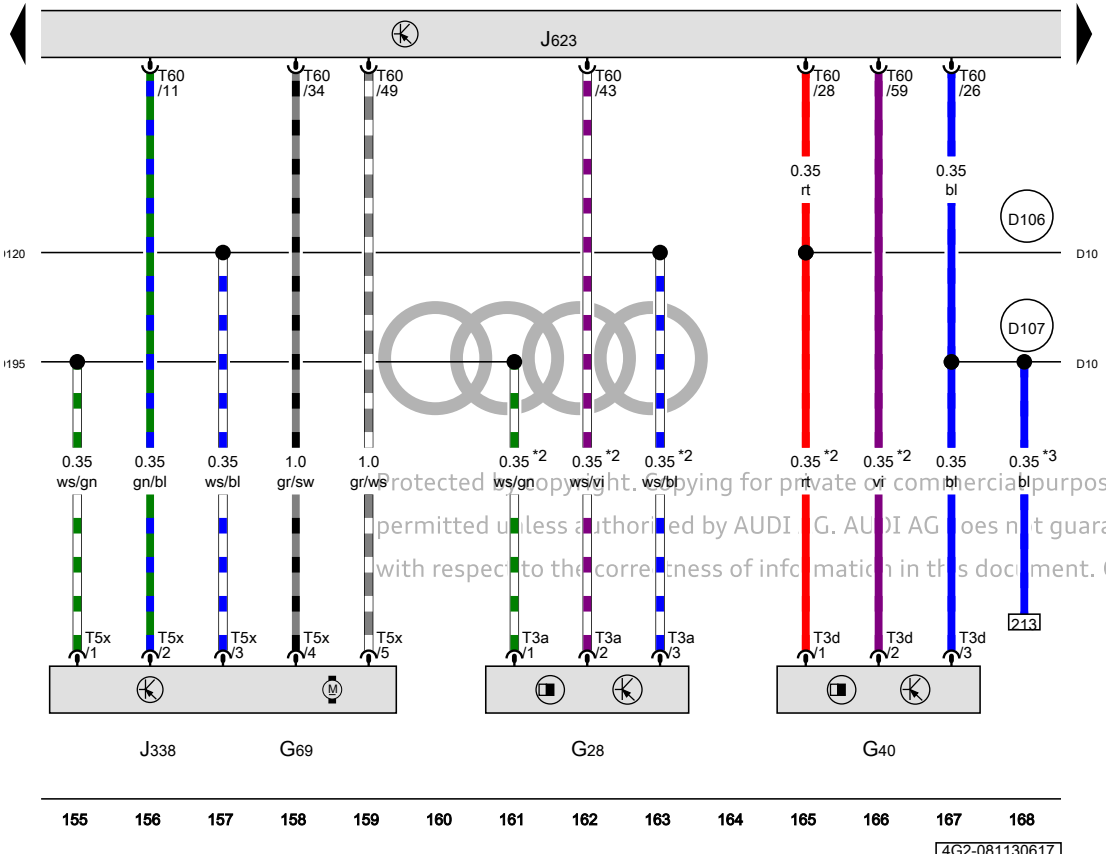


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Engine speed sender, Hall sender, Throttle valve module, Engine/motor control unit

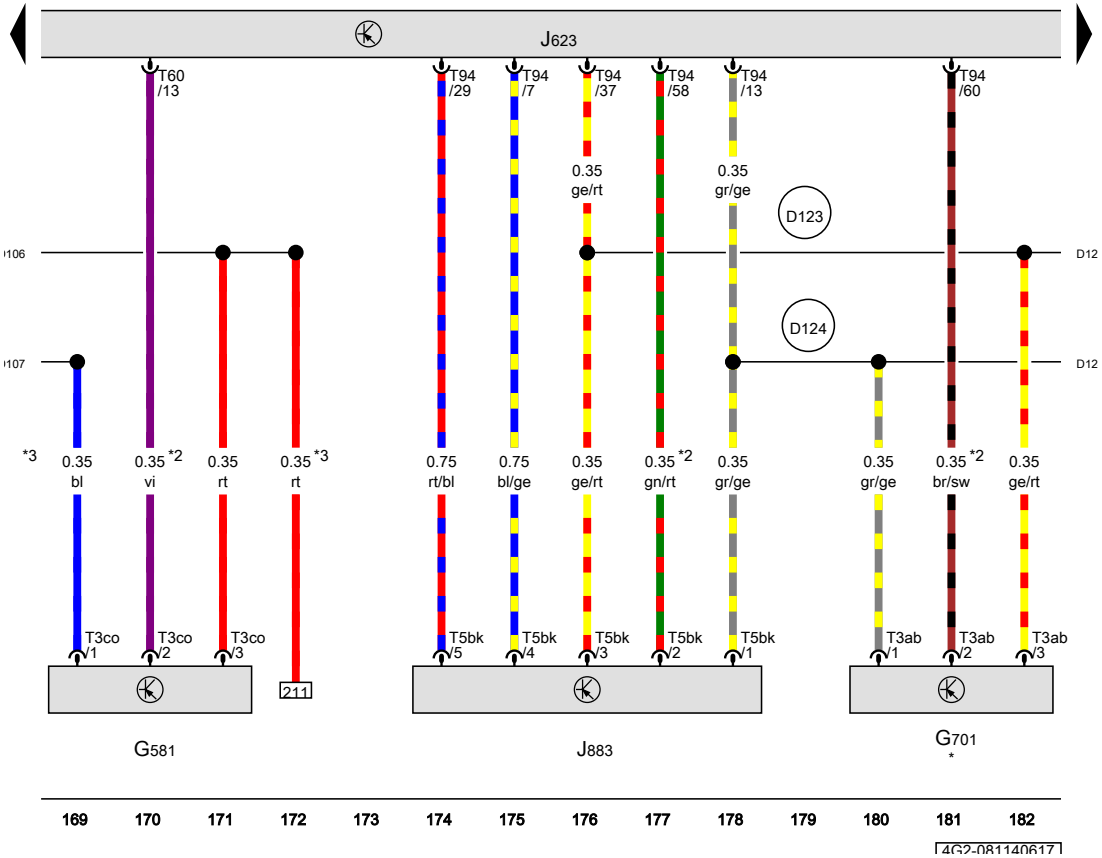
G28	Engine speed sender
G40	Hall sender
G69	Throttle valve potentiometer
J338	Throttle valve module
J623	Engine/motor control unit
T3a	3-pin connector
T3d	3-pin connector
T5x	5-pin connector
T60	60-pin connector
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	For models with automatic gearbox
*2	Wiring colour depends on equipment
*3	According to equipment



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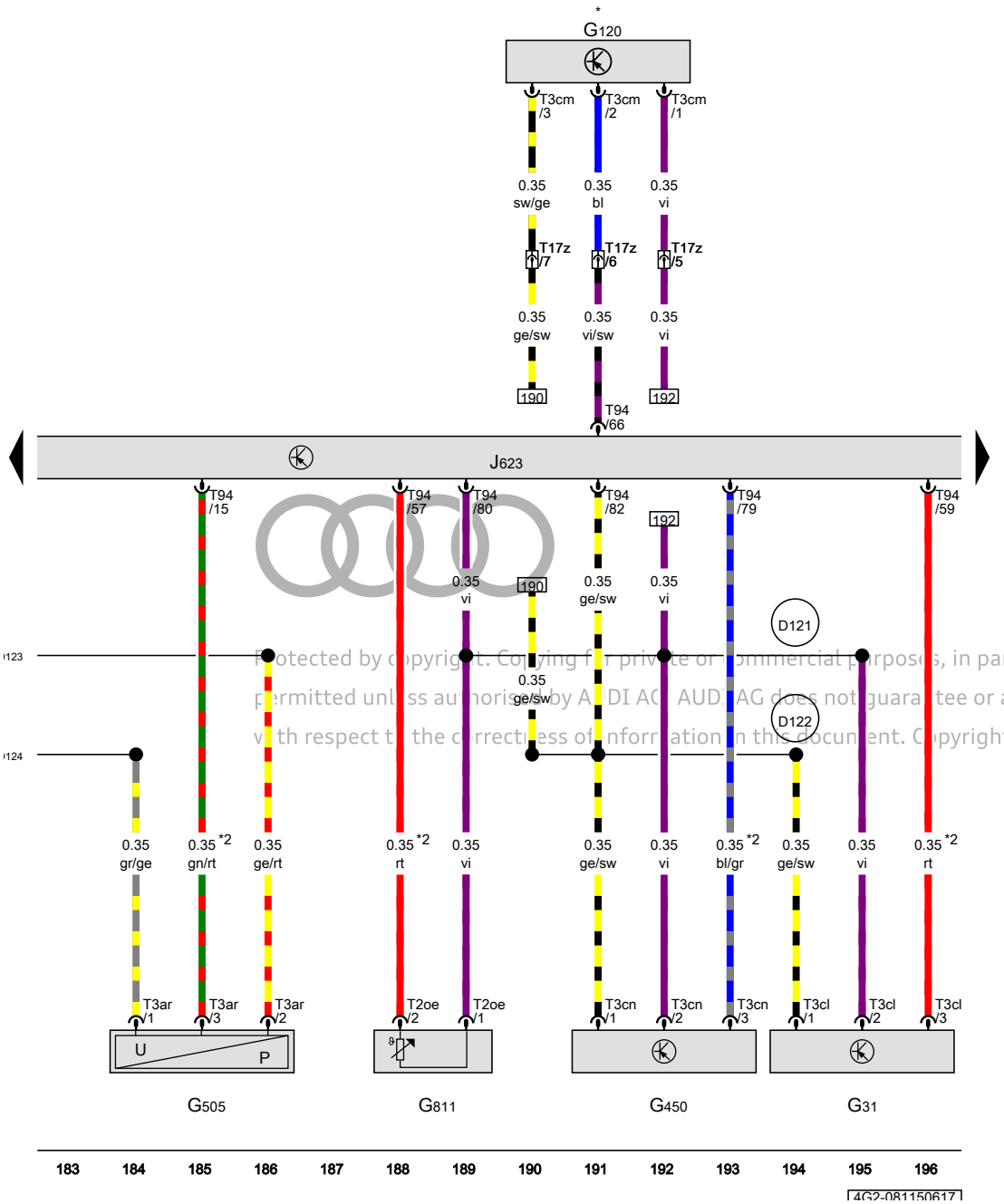
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rs = pink

Position sender for charge pressure positioner, Gearbox neutral position sender, Engine/motor control unit, Exhaust flap control unit

G581	Position sender for charge pressure positioner
G701	Gearbox neutral position sender
J623	Engine/motor control unit
J883	Exhaust flap control unit
T3ab	3-pin connector
T3co	3-pin connector
T5bk	5-pin connector
T60	60-pin connector
T94	94-pin connector
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness
*	For models with manual gearbox
*2	Wiring colour depends on equipment
*3	According to equipment



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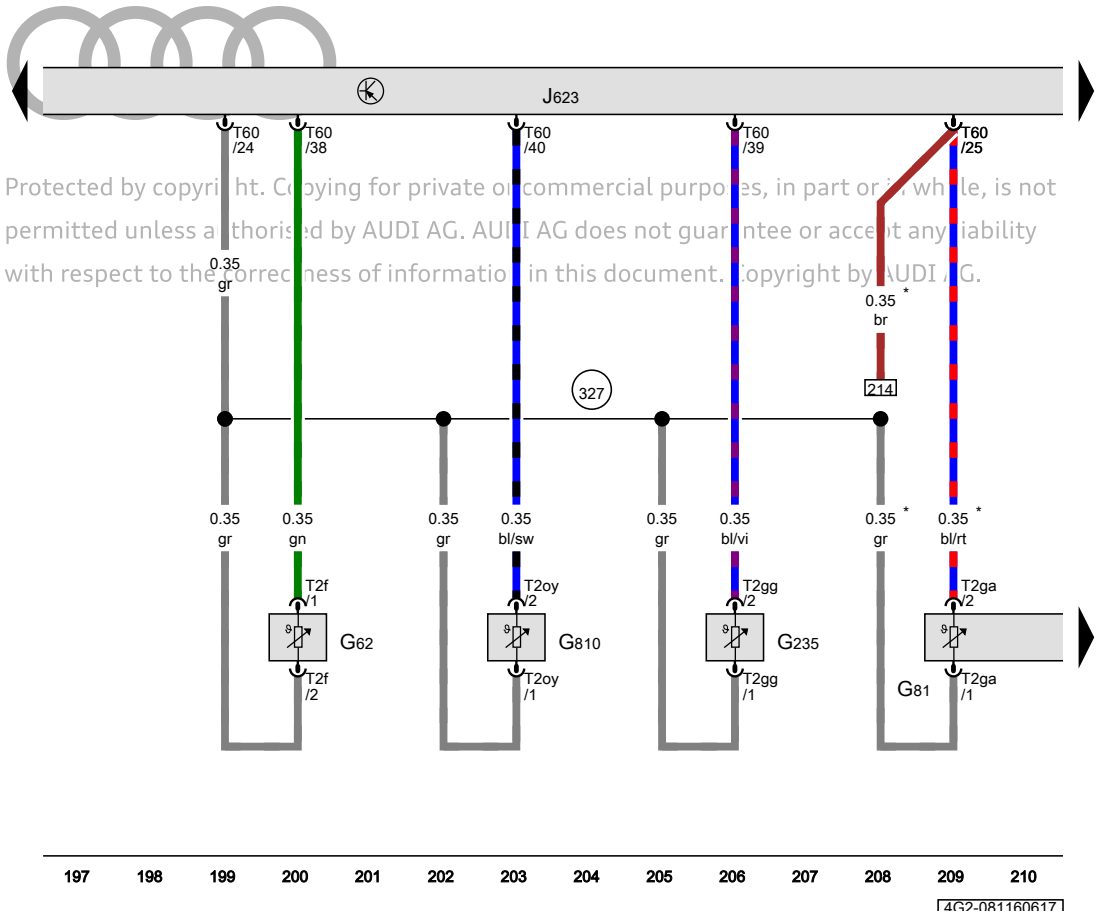
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or = orange
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Charge pressure sender, Water level sender, Exhaust gas pressure sensor 1, Pressure differential sender, Charge air temperature sender after charge air cooler, Engine/motor control unit

G31	Charge pressure sender
G120	Water level sender
G450	Exhaust gas pressure sensor 1
G505	Pressure differential sender
G811	Charge air temperature sender after charge air cooler
J623	Engine/motor control unit
T2oe	2-pin connector
T3ar	3-pin connector
T3cl	3-pin connector
T3cm	3-pin connector
T3cn	3-pin connector
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T94	94-pin connector
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness
*	According to equipment
*2	Wiring colour depends on equipment

Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine/motor control unit

G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G810	Charge air temperature sender before charge air cooler
J623	Engine/motor control unit
T2f	2-pin connector
T2ga	2-pin connector
T2gg	2-pin connector
T2oy	2-pin connector
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	According to equipment



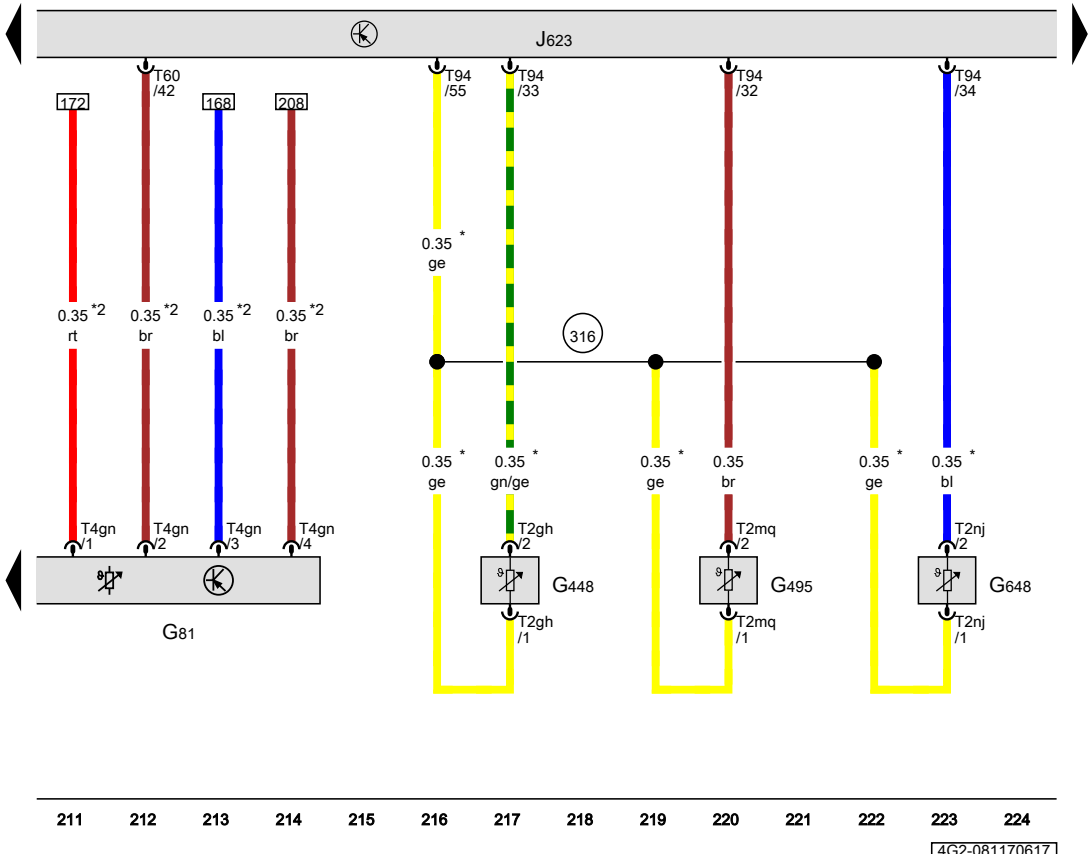
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Fuel temperature sender, Exhaust gas temperature sender 2, Engine/motor control unit

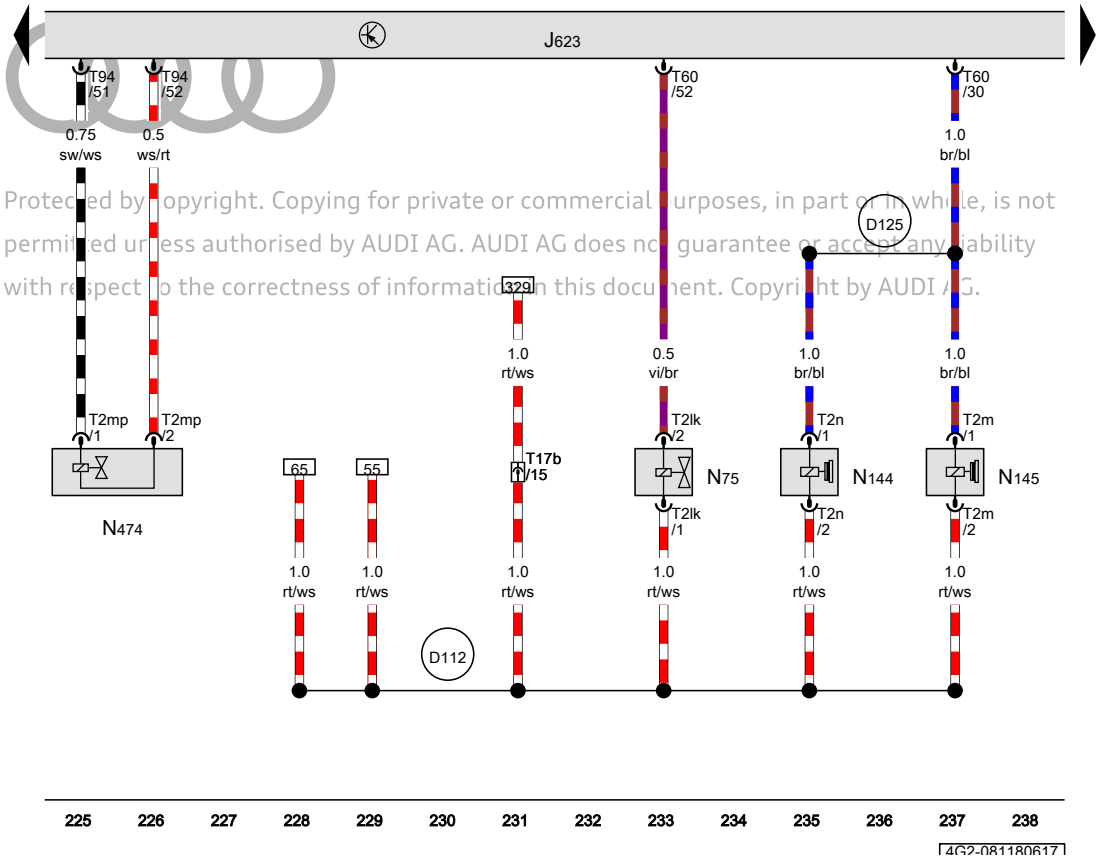
G81	Fuel temperature sender
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit
T2gh	2-pin connector
T2mq	2-pin connector
T2nj	2-pin connector
T4gn	4-pin connector
T60	60-pin connector
T94	94-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
*	Wiring colour depends on equipment
*2	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine/motor control unit, Charge pressure control solenoid valve, Left electrohydraulic engine mounting solenoid valve, Injector for reducing agent

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N474	Injector for reducing agent
T2lk	2-pin connector
T2m	2-pin connector
T2mp	2-pin connector
T2n	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T60	60-pin connector
T94	94-pin connector
D112	Connection 10 in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness



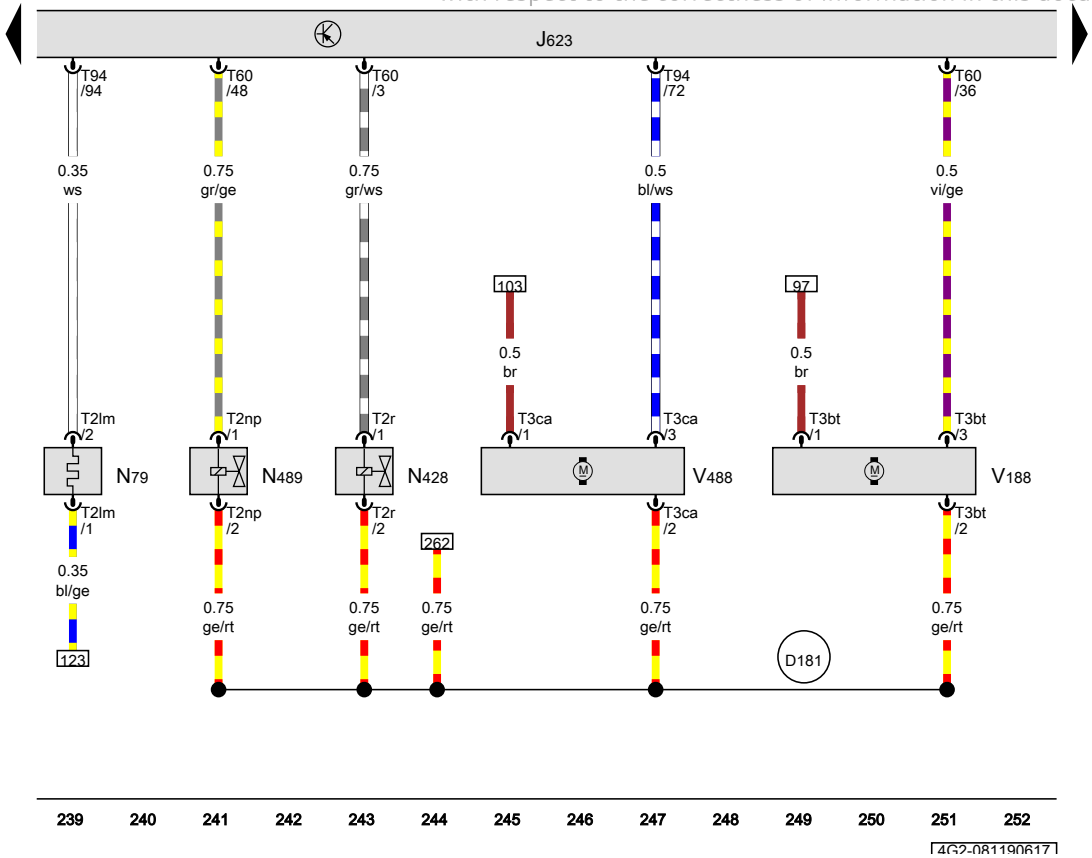
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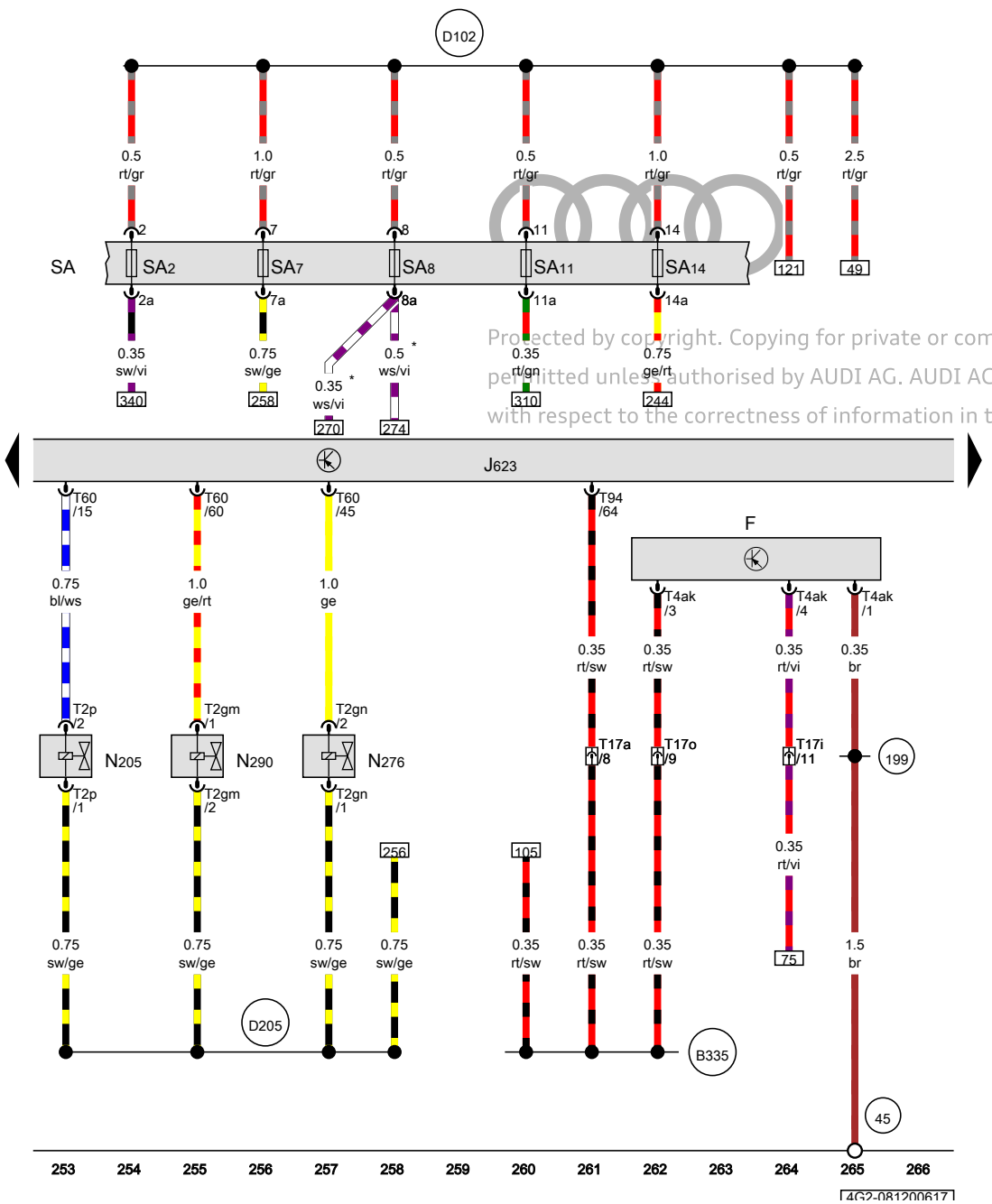
Engine/motor control unit, Heater element for crankcase breather, Valve for oil pressure control, Coolant valve for cylinder head, Auxiliary pump for heating

J623	Engine/motor control unit
N79	Heater element for crankcase breather
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2lm	2-pin connector
T2np	2-pin connector
T2r	2-pin connector
T3bt	3-pin connector
T3ca	3-pin connector
T60	60-pin connector
T94	94-pin connector, black
V188	Charge air cooling pump
V488	Auxiliary pump for heating
D181	Connection 2 (87a), in engine compartment wiring harness

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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

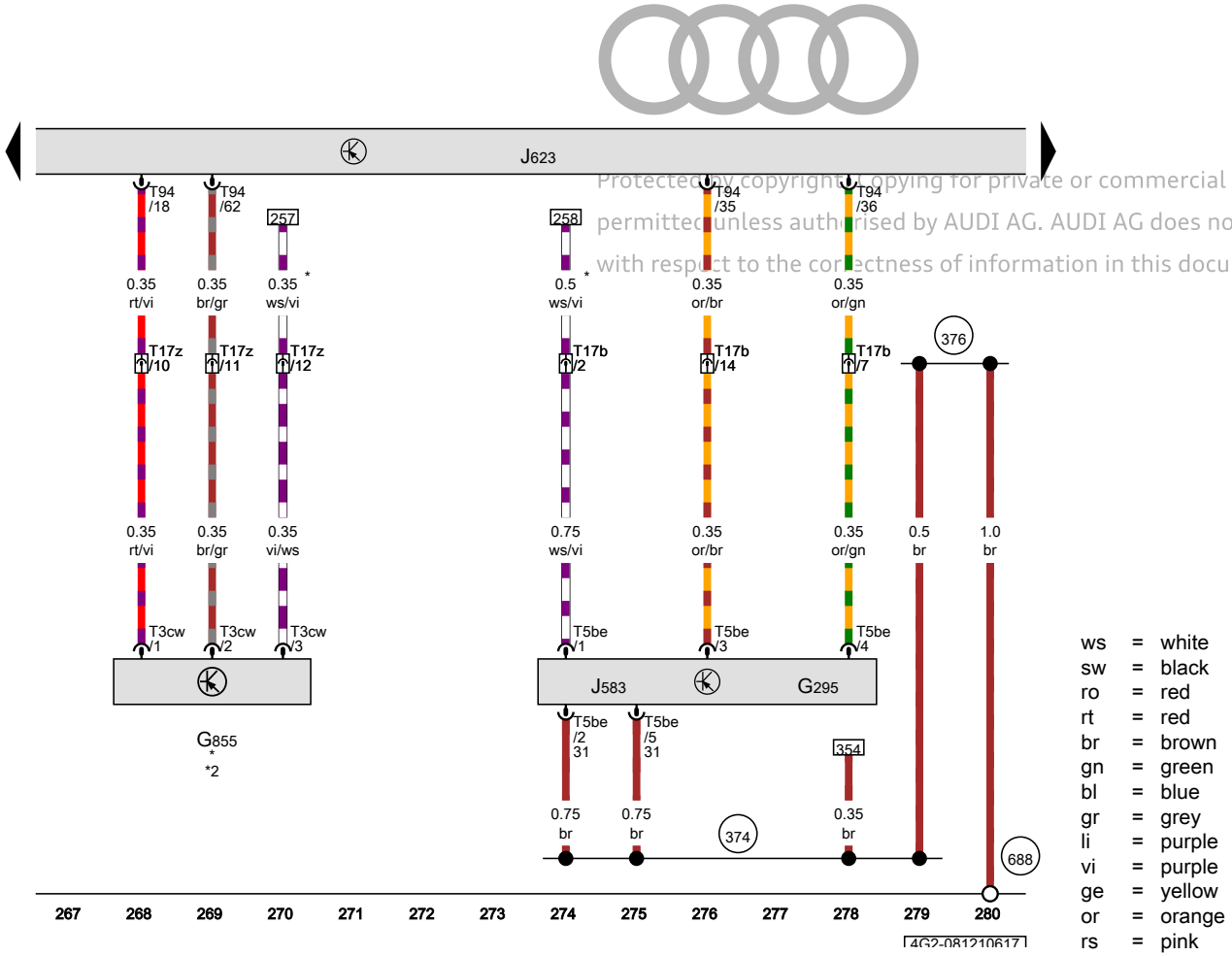
F	Brake light switch
J623	Engine/motor control unit
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SA	Fuse holder A
SA2	Fuse 2 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA14	Fuse 14 on fuse holder A
T2gm	2-pin connector
T2gn	2-pin connector
T2p	2-pin connector
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T60	60-pin connector
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D102	Connection 2 in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	According to equipment

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Biodiesel concentration sender, Control unit for NOx sender, Engine/motor control unit

G295	NOx sender
G855	Biodiesel concentration sender
J583	Control unit for NOx sender
J623	Engine/motor control unit
T3cw	3-pin connector, black
T5be	5-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T94	94-pin connector
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
*	According to equipment
*2	Gradually discontinued

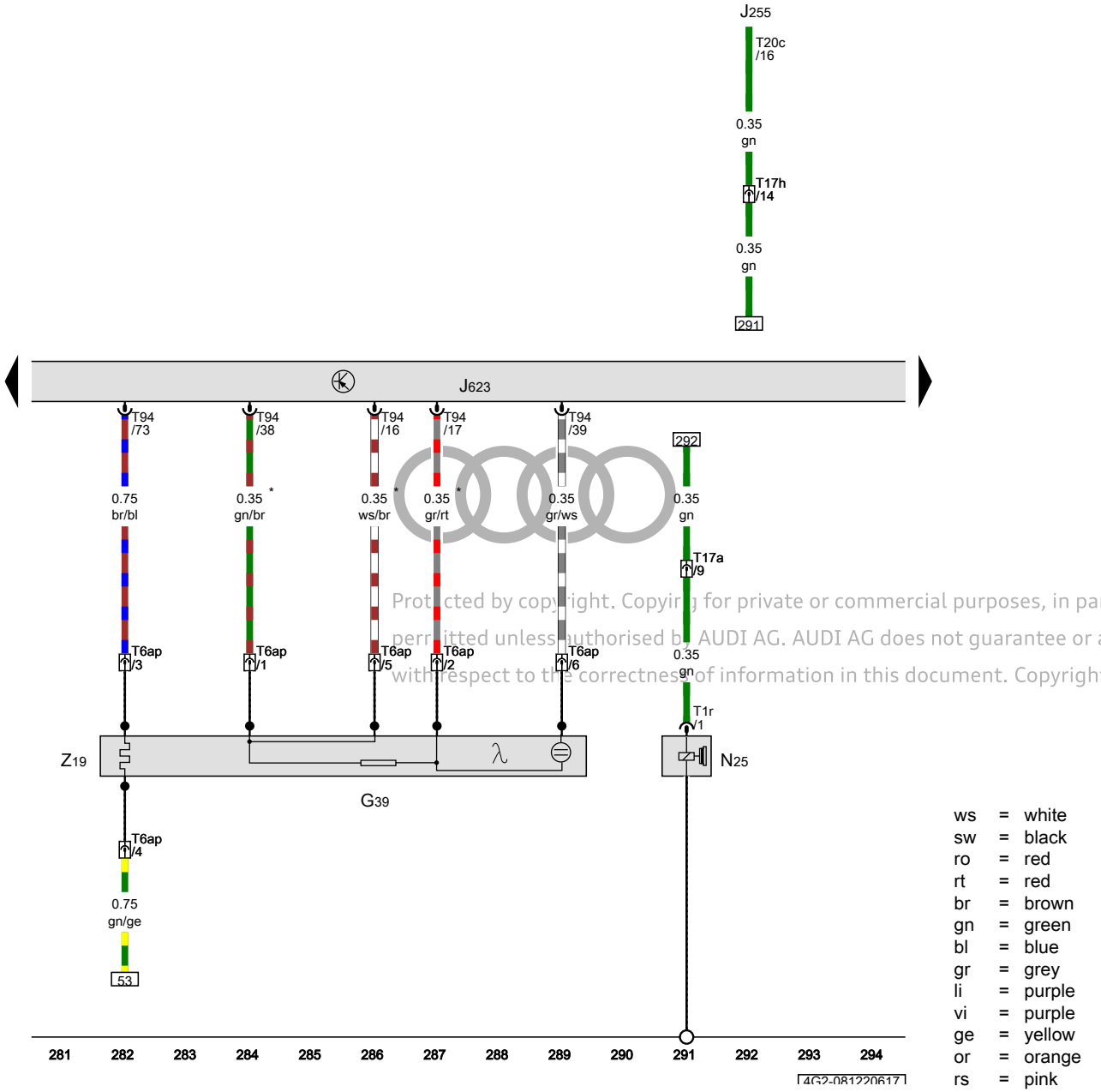
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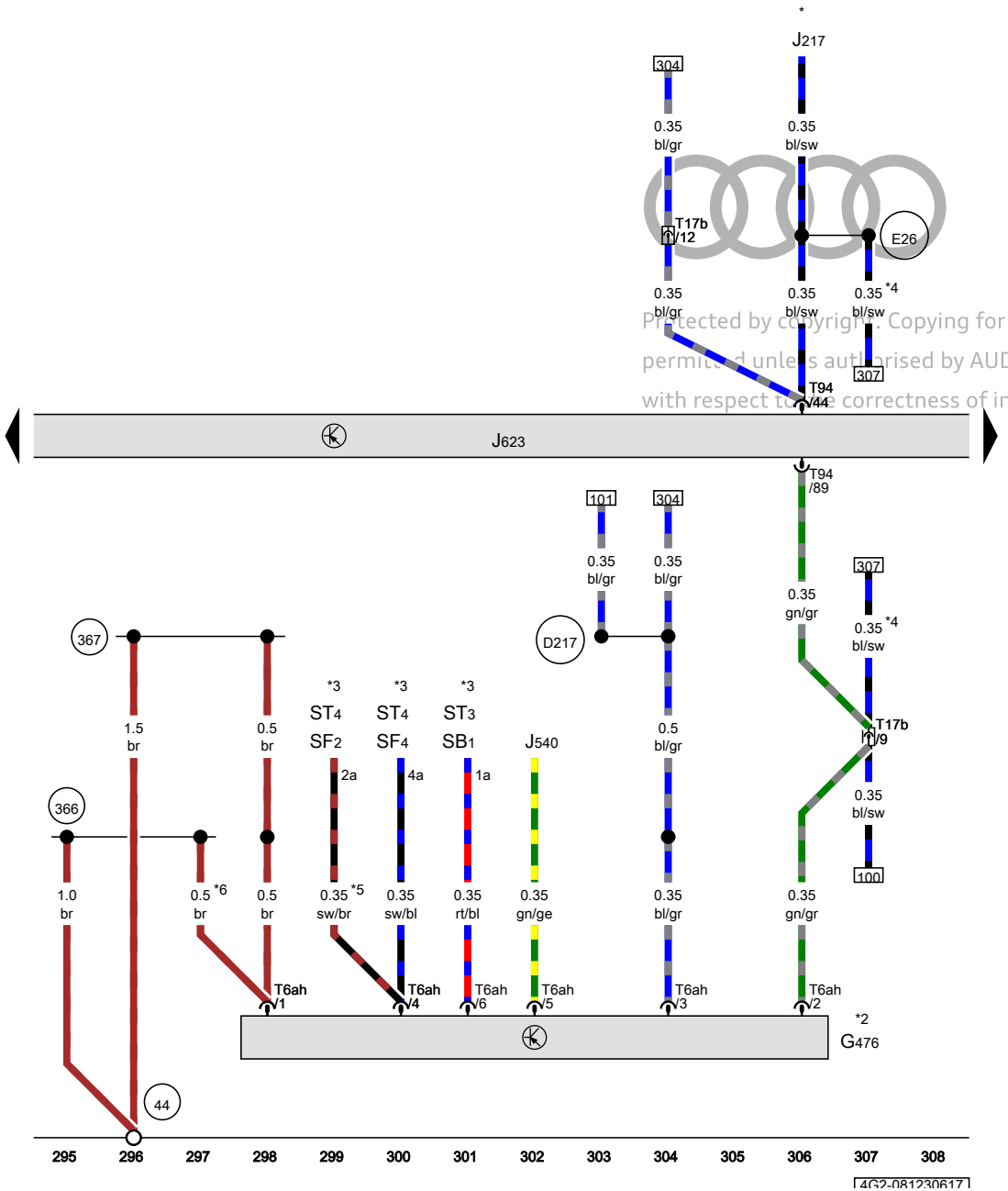
Lambda probe, Engine/motor control unit, Air conditioning system magnetic clutch, Lambda probe heater

G39	Lambda probe
J255	Climatronic control unit
J623	Engine/motor control unit
N25	Air conditioning system magnetic clutch
T1r	1-pin connector
T6ap	6-pin connector, brown
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T20c	20-pin connector
T94	94-pin connector
Z19	Lambda probe heater
*	Wiring colour depends on equipment



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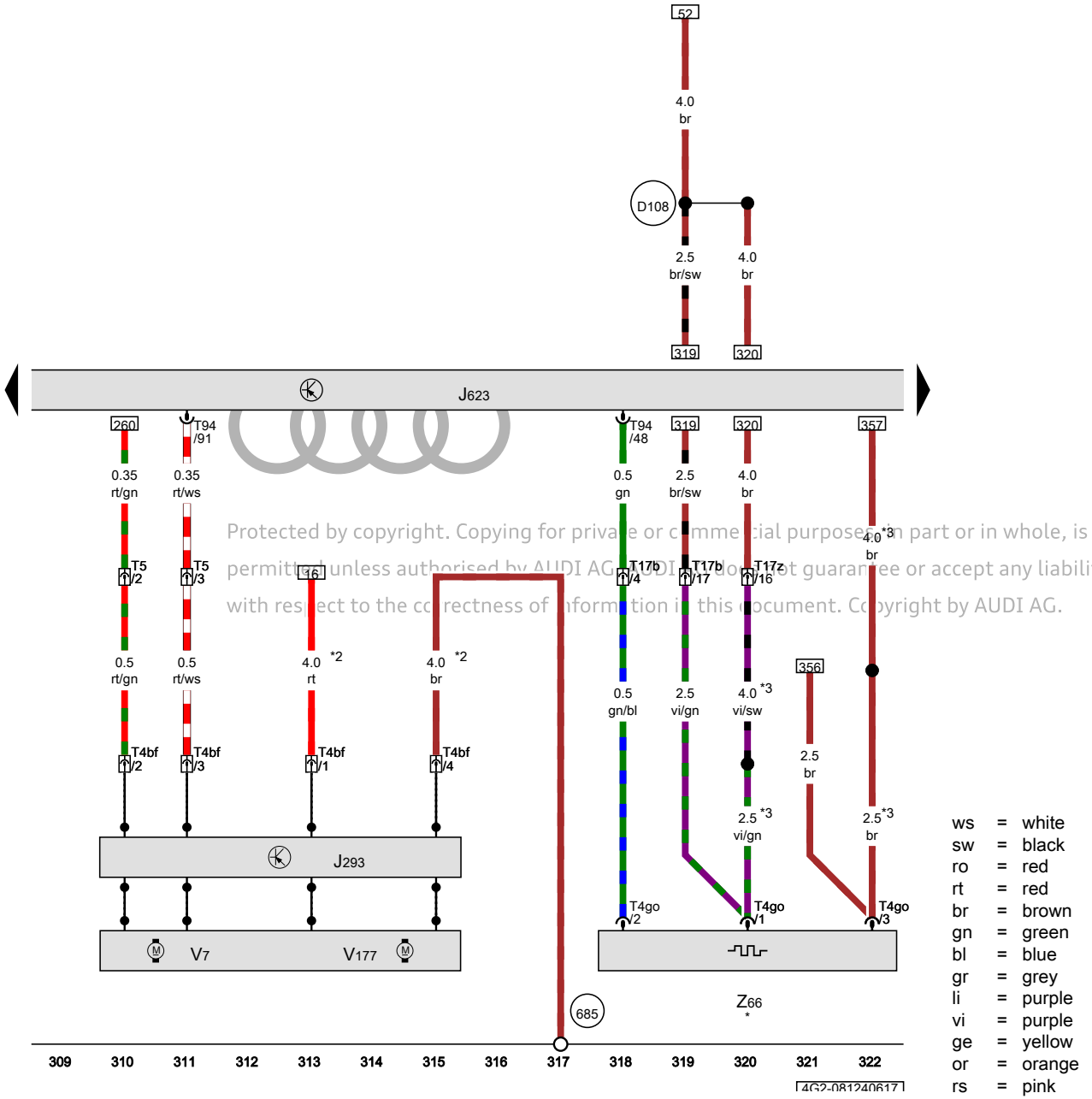
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Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
T6ah	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T94	94-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with manual gearbox
*3	see applicable current flow diagram for fuse assignment
*4	For models with automatic gearbox
*5	From June 2014
*6	gradual introduction

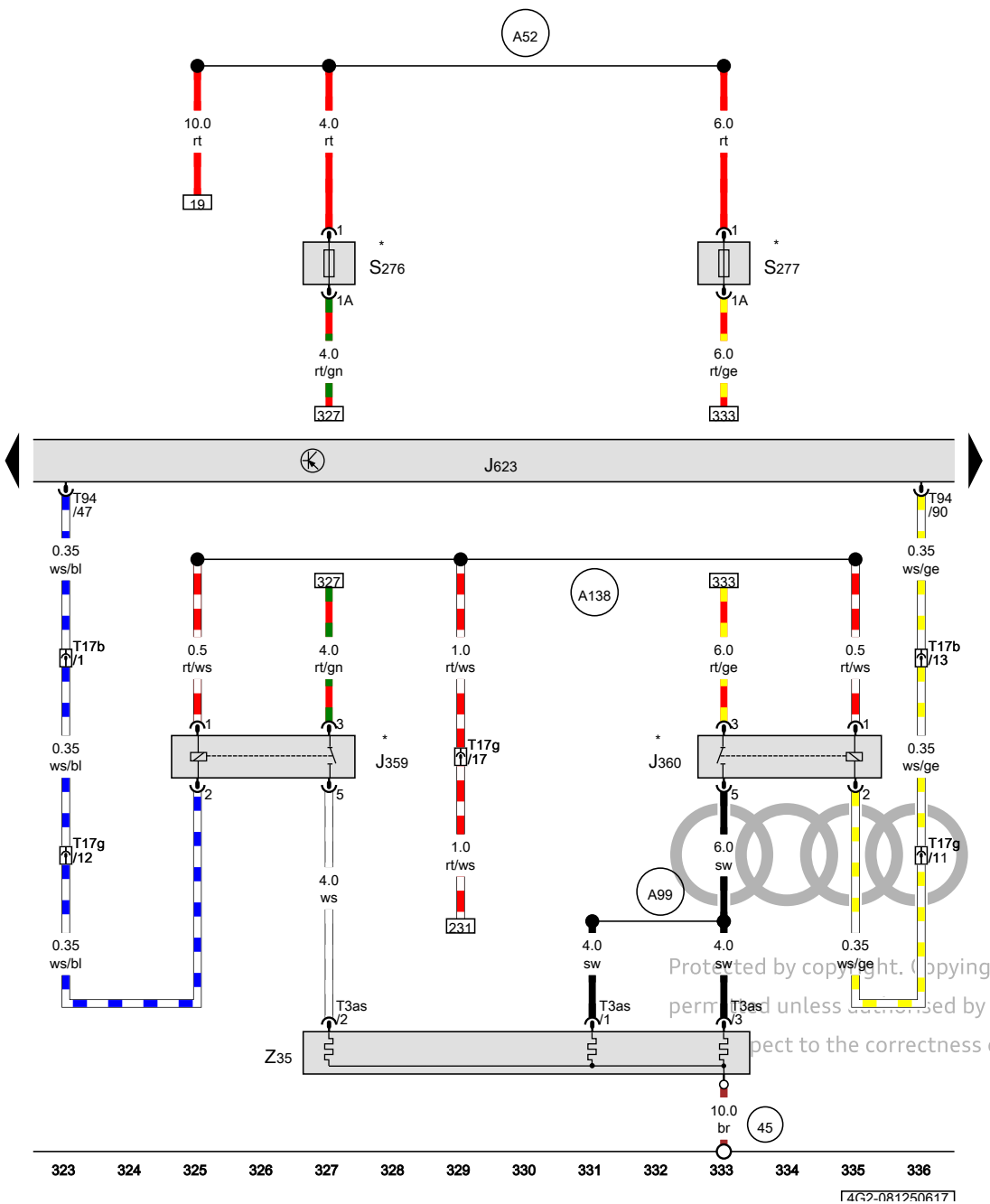
Radiator fan control unit, Engine/motor control unit, Radiator fan 2, Fuel pre-heating heater element

J293	Radiator fan control unit
J623	Engine/motor control unit
T4bf	4-pin connector, near radiator fan
T4go	4-pin connector, black
T5	5-pin connector, central in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T94	94-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
Z66	Fuel pre-heating heater element
685	Earth point 1, on front of right longitudinal member
D108	Connection 6 in engine compartment wiring harness
*	According to equipment
*2	Cross-section 6.0 possible
*3	gradual introduction



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Low heat output relay, High heat output relay, Engine/motor control unit, Auxiliary air heater element

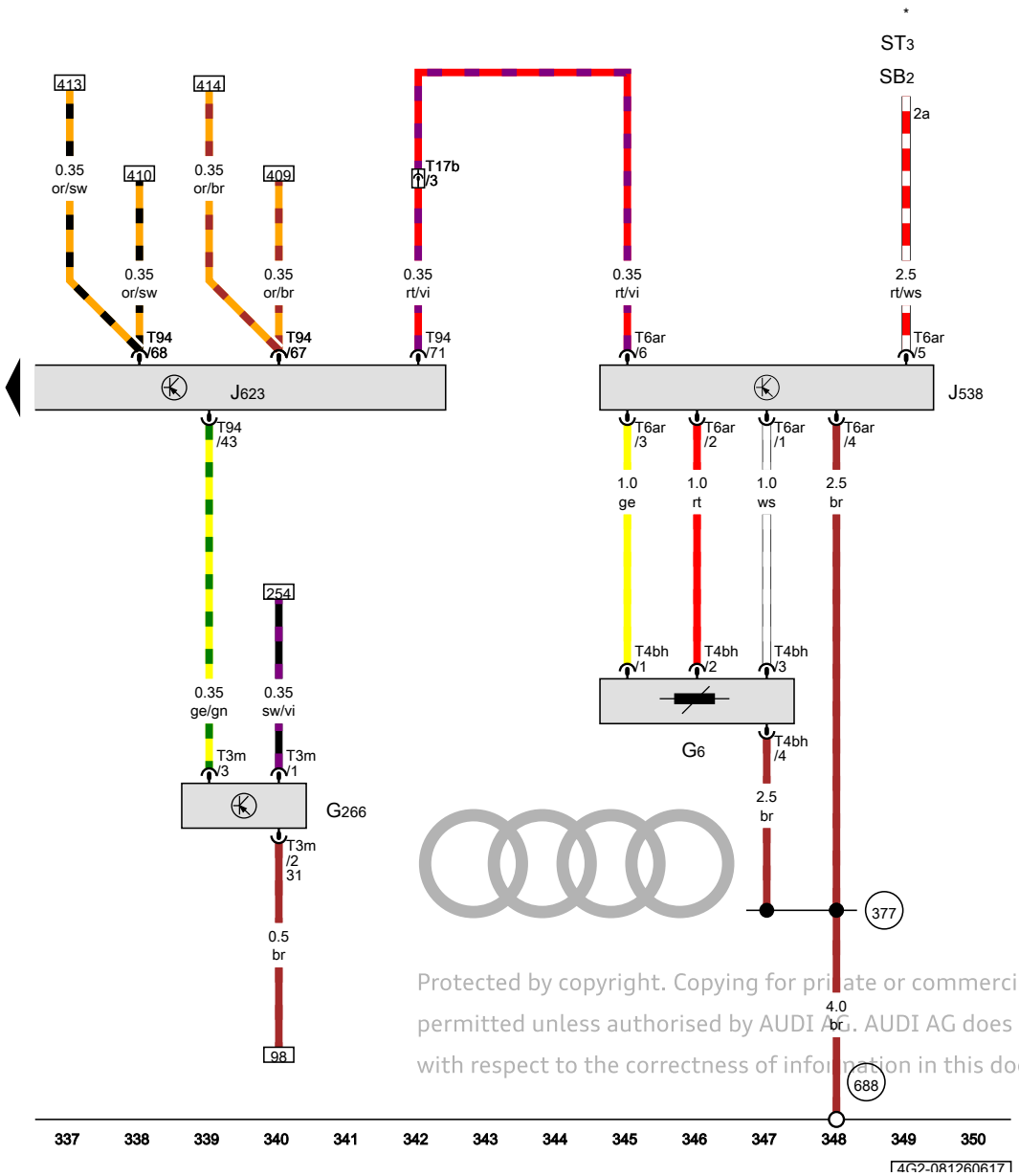
J359	Low heat output relay
J360	High heat output relay
J623	Engine/motor control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T94	94-pin connector
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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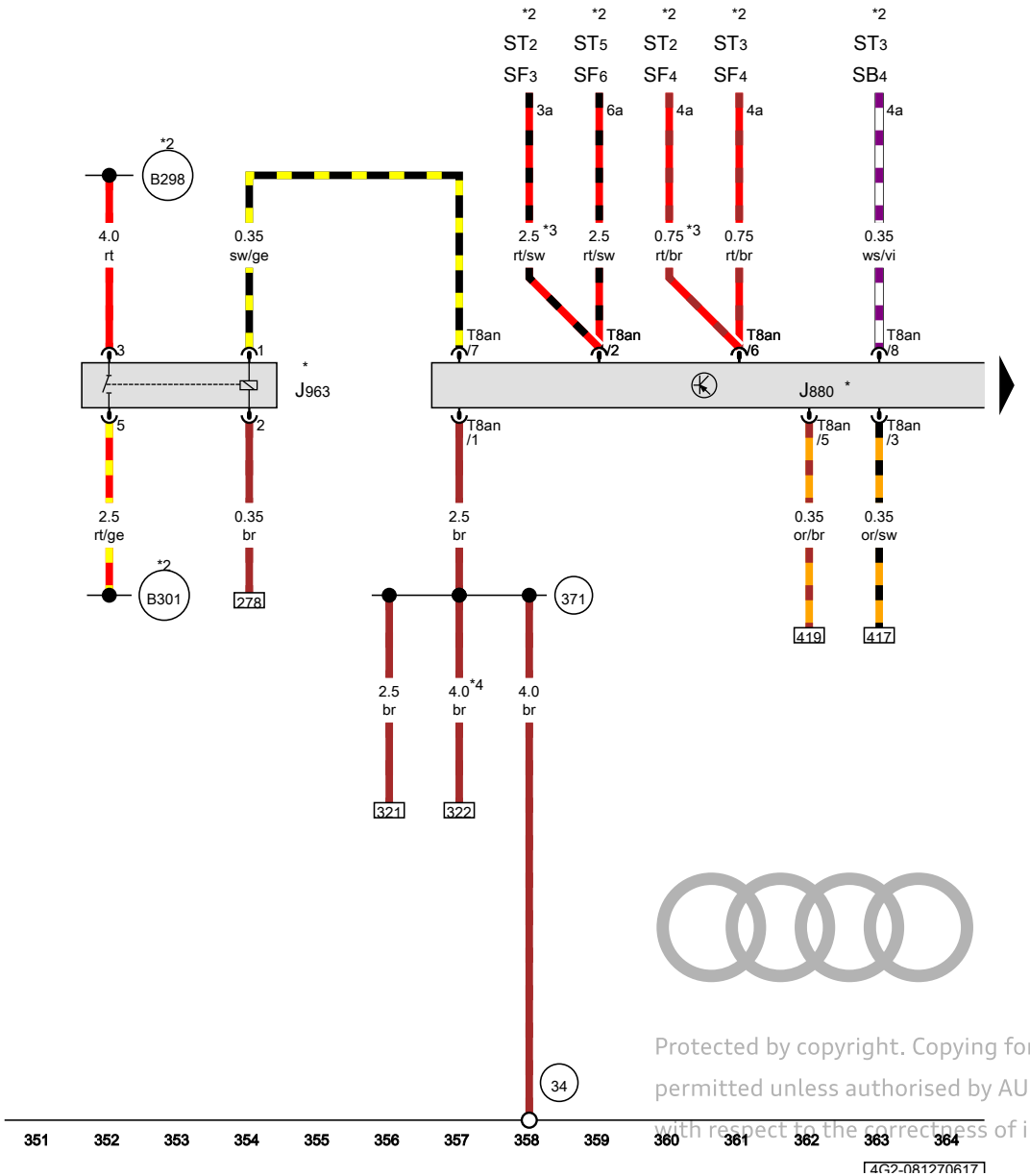
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T94	94-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment



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Control unit for reducing agent metering system, Relay for reducing agent metering system

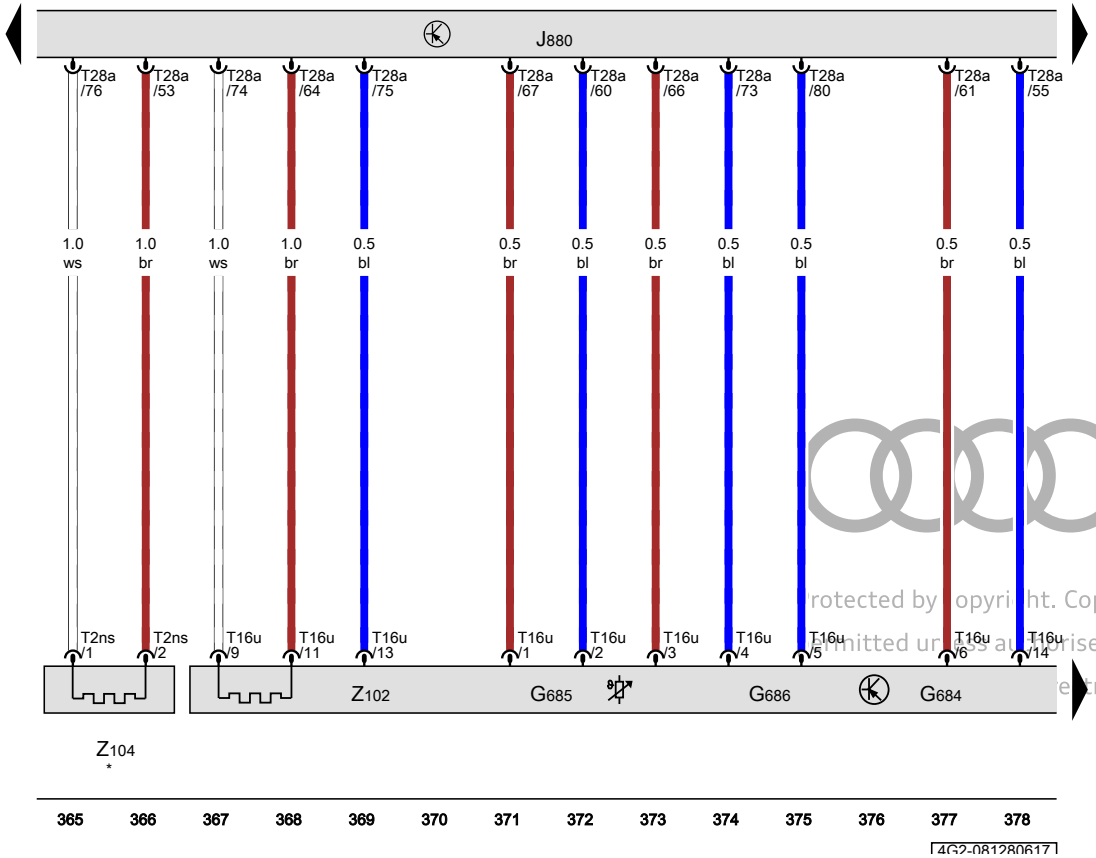
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SB4	Fuse 4 on fuse holder B
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
T8an	8-pin connector
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with Euro 6 emission standard
*2	see applicable current flow diagram for fuse assignment
*3	From June 2014
*4	gradual introduction

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Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Control unit for reducing agent metering system, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2)

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T2ns	2-pin connector
T16u	16-pin connector
T28a	28-pin connector
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)
*	Heater for reducing agent line can comprise multiple sections

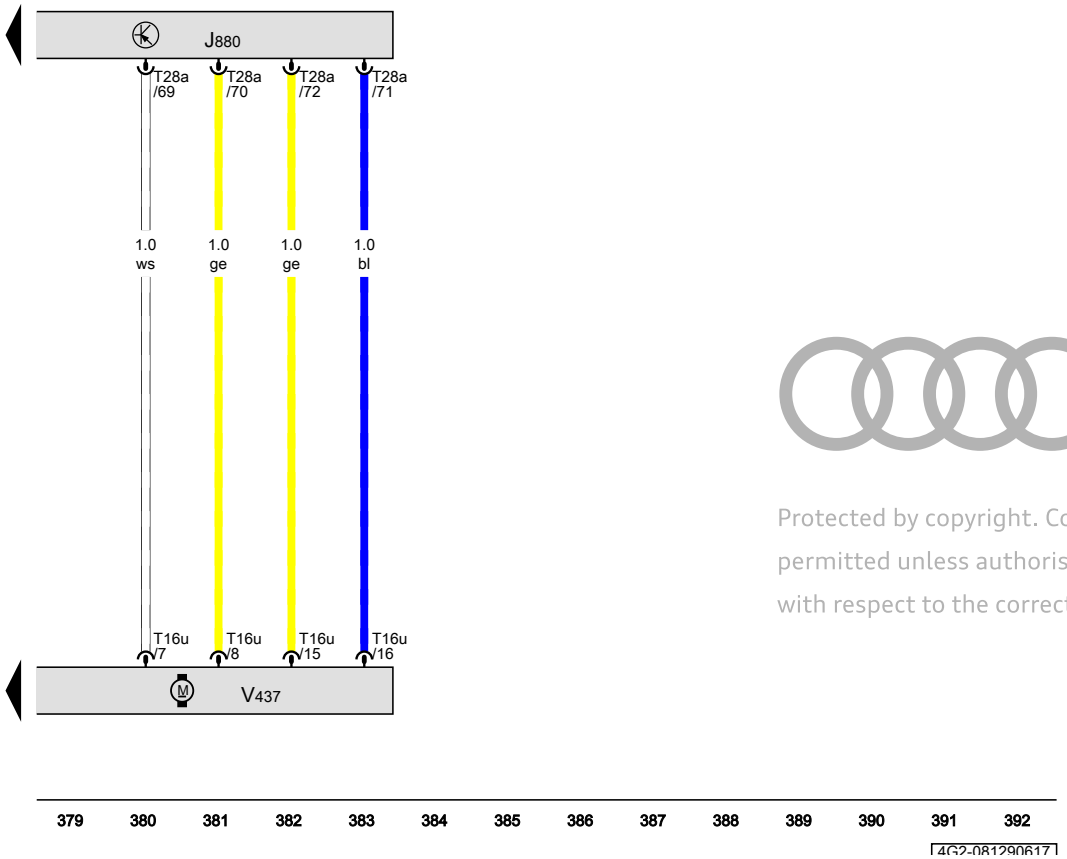


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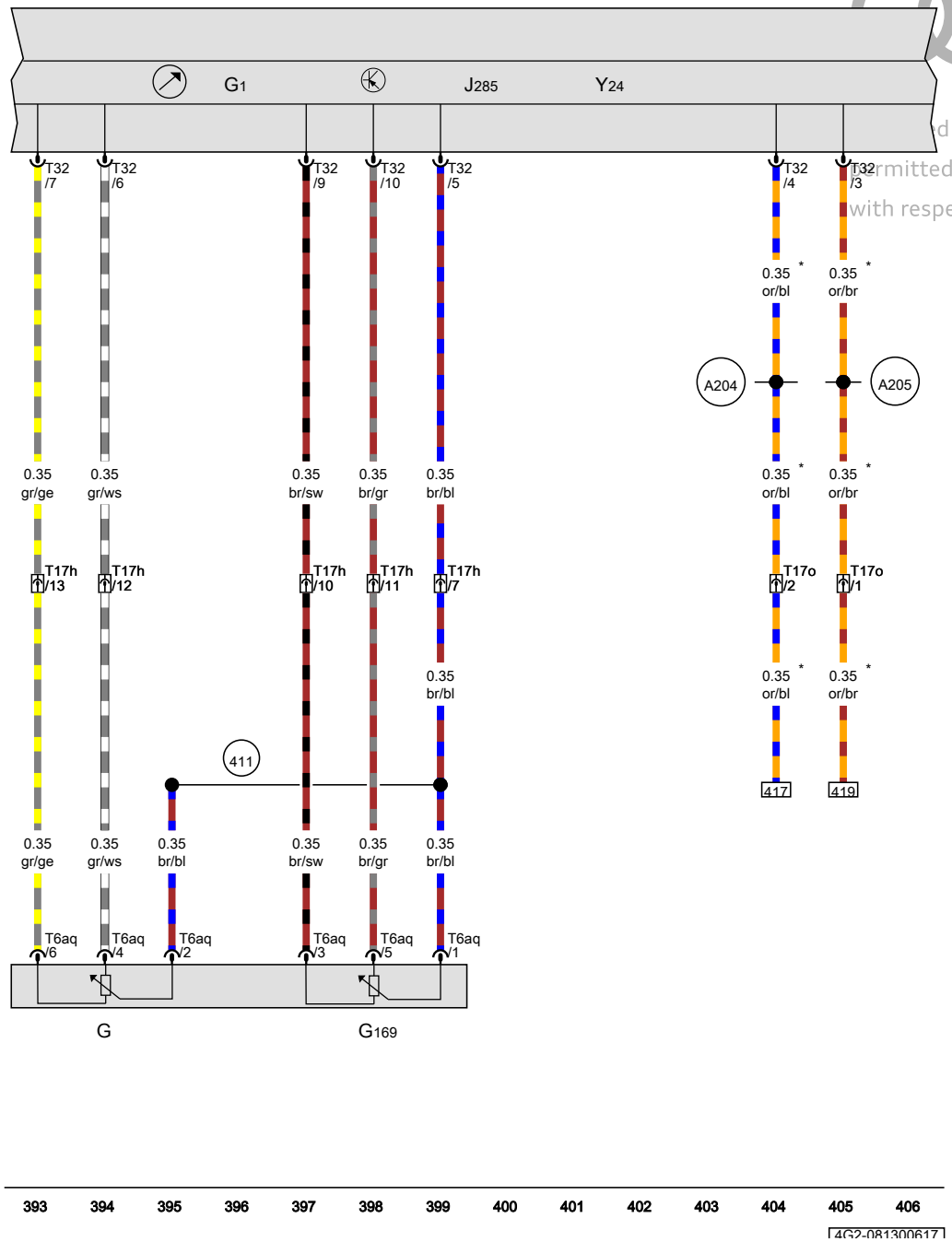
Control unit for reducing agent metering system, Pump for reducing agent

J880 Control unit for reducing agent metering system
T16u 16-pin connector
T28a 28-pin connector
V437 Pump for reducing agent



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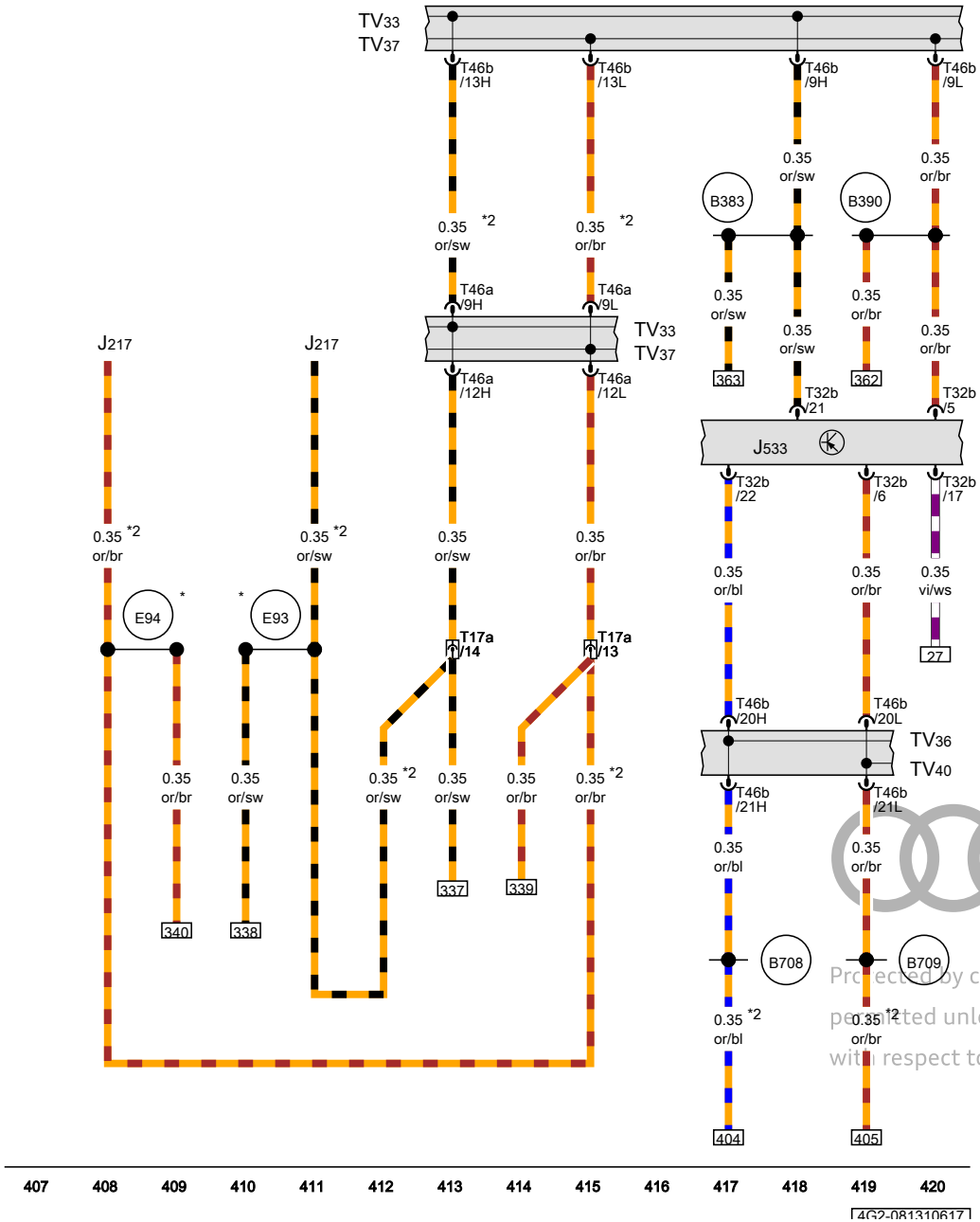


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	Data bus wire (CAN bus)

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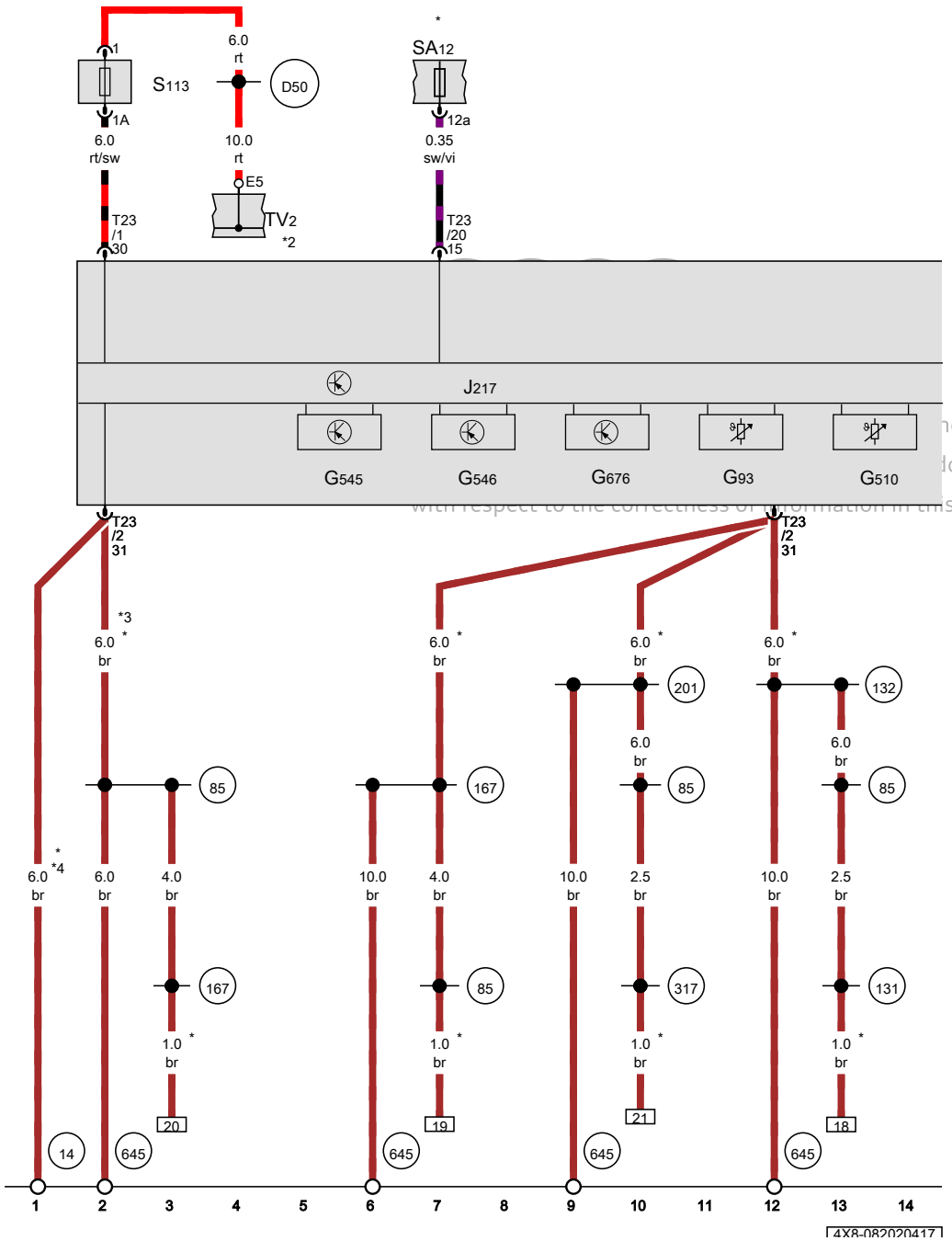
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7-speed dual clutch gearbox 0CK , (G1C)

From December 2013



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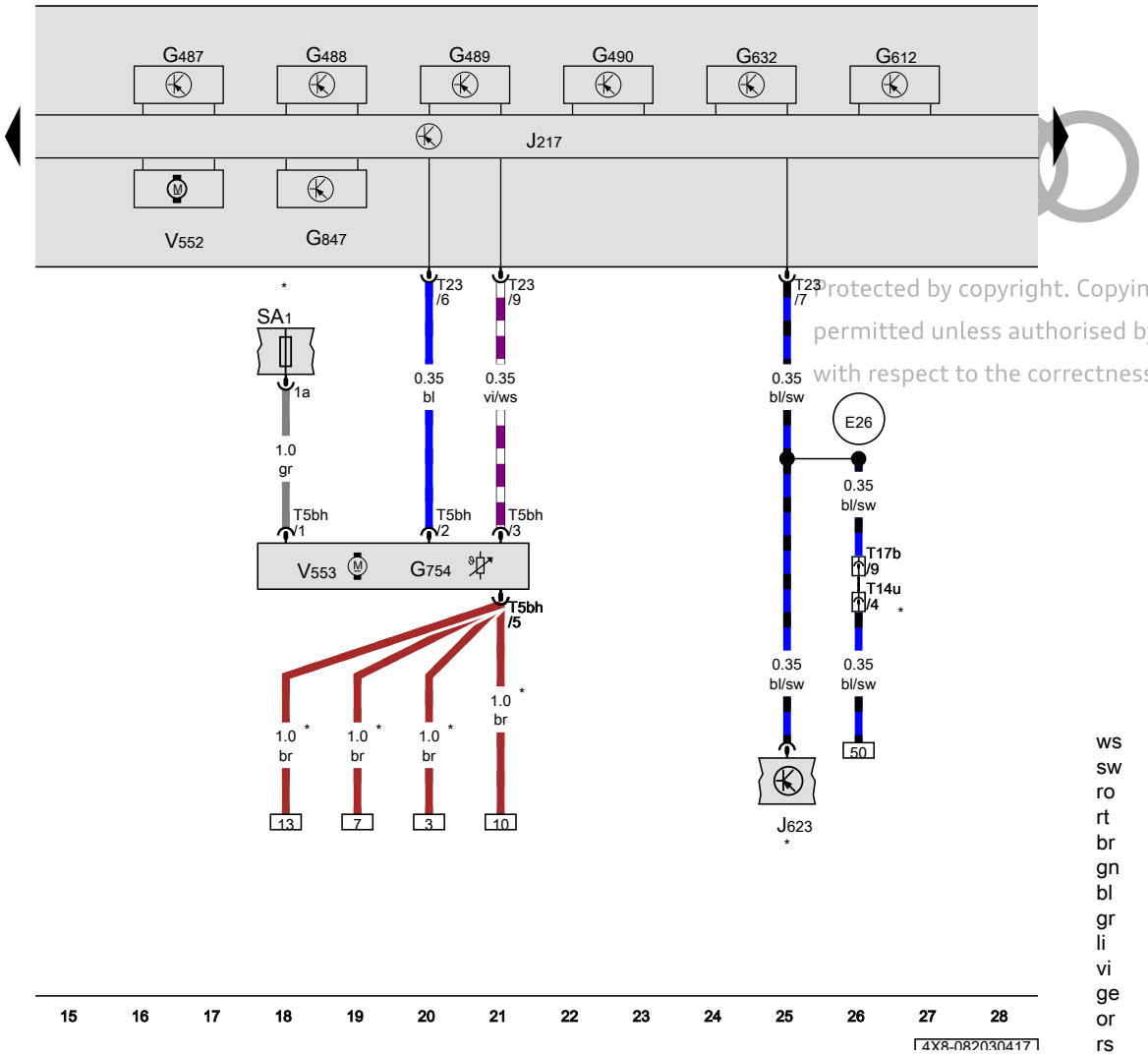
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Gearbox oil temperature sender, Temperature sender in control unit, Hydraulic pressure sender 1, Gear sensor, Automatic gearbox control unit

G93	Gearbox oil temperature sender
G510	Temperature sender in control unit
G545	Hydraulic pressure sender 1
G546	Hydraulic pressure sender 2
G676	Gear sensor
J217	Automatic gearbox control unit
SA12	Fuse 12 on fuse holder A
S113	Automatic gearbox control unit fuse
TV2	Terminal 30 wiring junction
T23	23-pin connector
14	Earth point, on gearbox
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for fuse assignment
*3	Gradually discontinued
*4	gradual introduction

Gear selector movement sensor 1, Gearbox input speed sender 2, Gearbox input speed sender 1, Gearbox oil temperature sender 2, Rotor position sender for gearbox auxiliary hydraulic pump, Automatic gearbox control unit, Gearbox auxiliary hydraulic pump, Electric pump 2 for gearbox

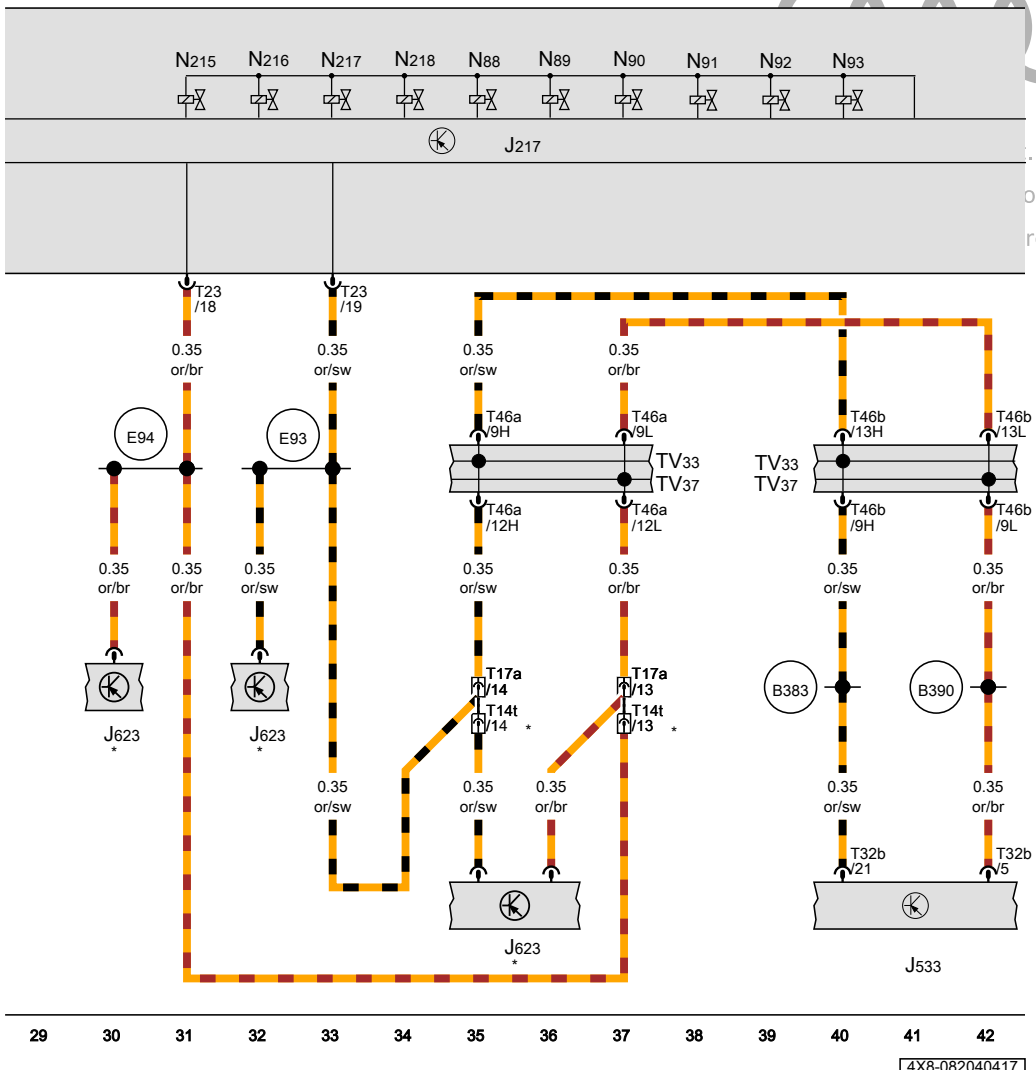


G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G612	Gearbox input speed sender 2
G632	Gearbox input speed sender 1
G754	Gearbox oil temperature sender 2
G847	Rotor position sender for gearbox auxiliary hydraulic pump
J217	Automatic gearbox control unit
J623	Engine control unit
SA1	Fuse 1 on fuse holder A
T5bh	5-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T23	23-pin connector
V552	Gearbox auxiliary hydraulic pump
V553	Electric pump 2 for gearbox
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for engine

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rt	=	red
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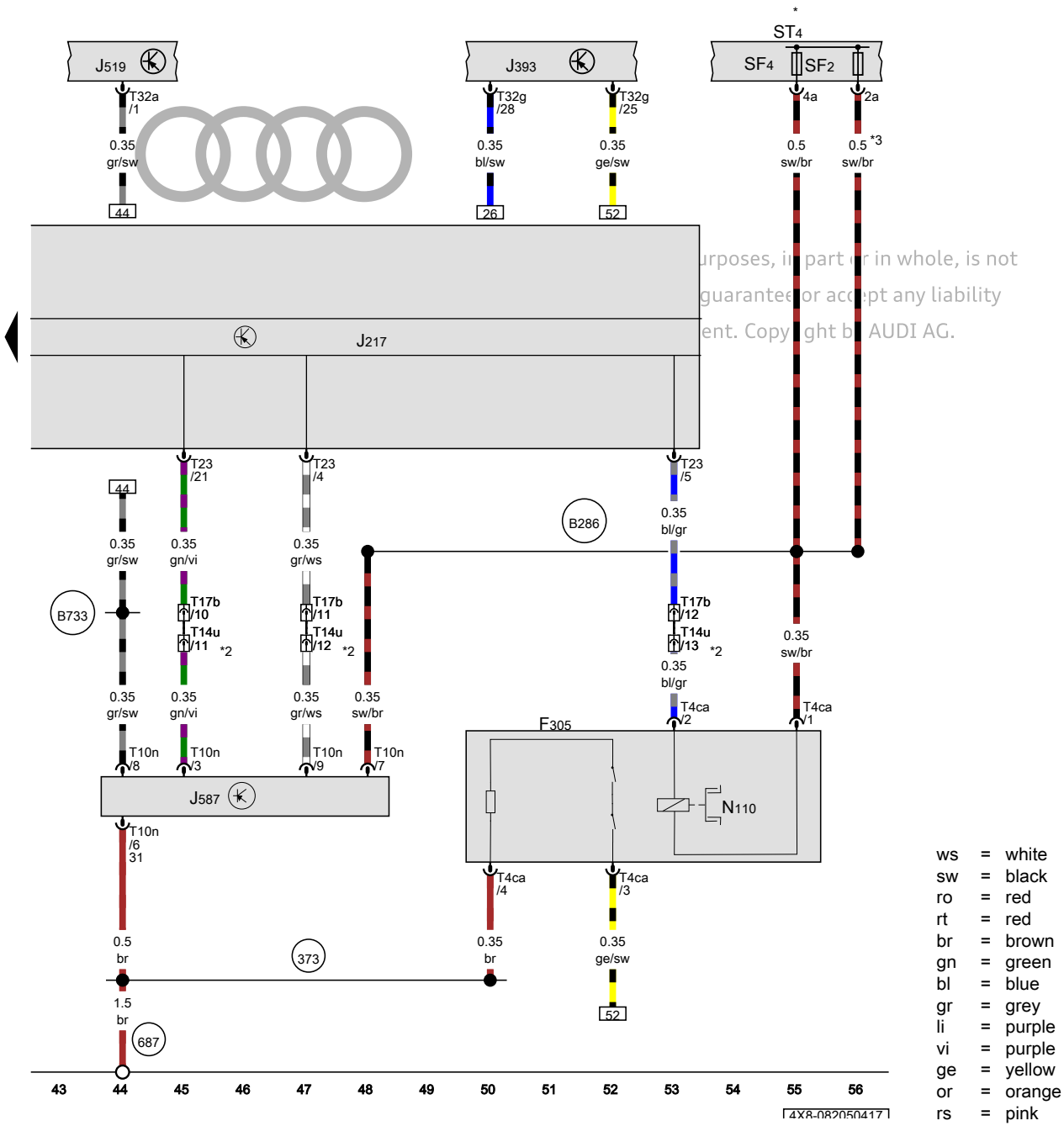
Automatic gearbox control unit, Solenoid valve 4, Solenoid valve 5, Solenoid valve 6, Automatic gearbox pressure regulating valve 1, Wiring junction for powertrain CAN bus, high



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J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N215	Automatic gearbox pressure regulating valve 1
N216	Automatic gearbox pressure regulating valve 2
N217	Automatic gearbox pressure regulating valve 3
N218	Automatic gearbox pressure regulating valve 4
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T23	23-pin connector
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine

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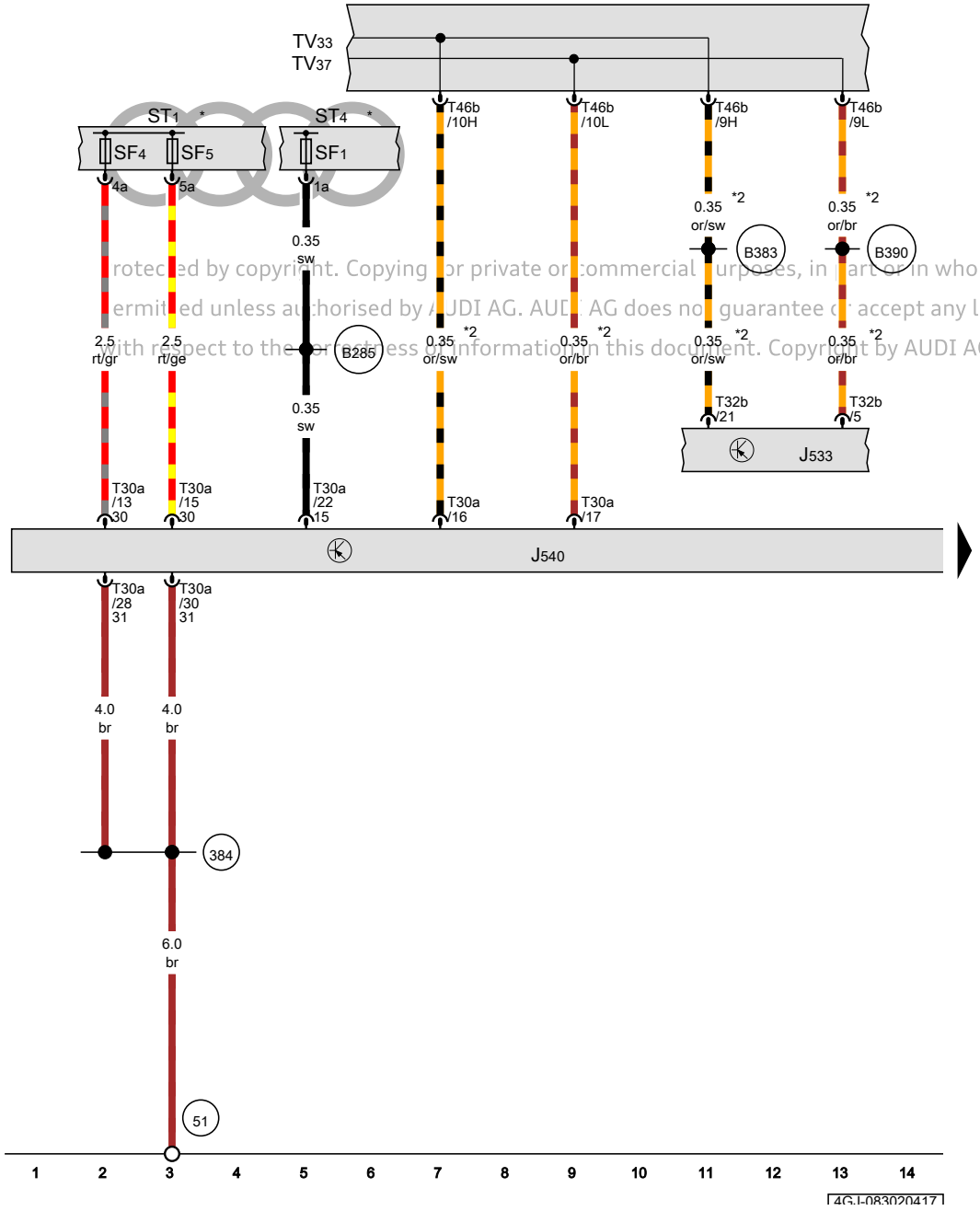
Gear selector position P switch, Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit, Selector lever lock solenoid

F305	Gear selector position P switch
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
N110	Selector lever lock solenoid
SF2	Fuse 2 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T4ca	4-pin connector
T10n	10-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T23	23-pin connector
T32a	32-pin connector
T32g	32-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B286	Positive connection 10 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	From June 2014

Electromechanical parking brake

From September 2014

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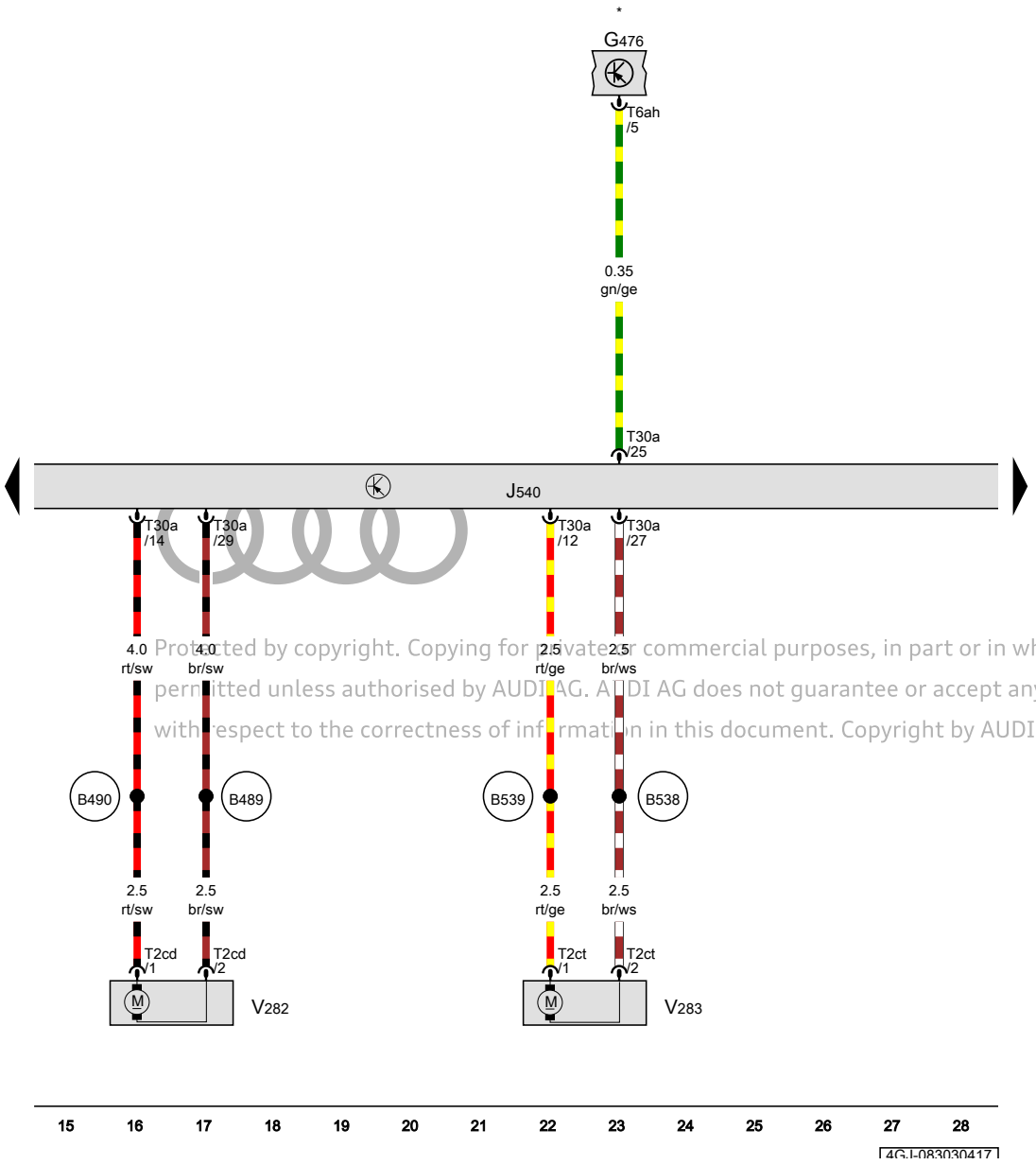
Control unit for electromechanical parking brake, Wiring junction for powertrain CAN bus, low

J533	Data bus diagnostic interface
J540	Control unit for electromechanical parking brake
ST1	Fuse carrier 1
SF1	Fuse 1 in fuse holder F
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
T30a	30-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Clutch position sender, Control unit for electromechanical parking brake, Left parking brake motor, Right parking brake motor

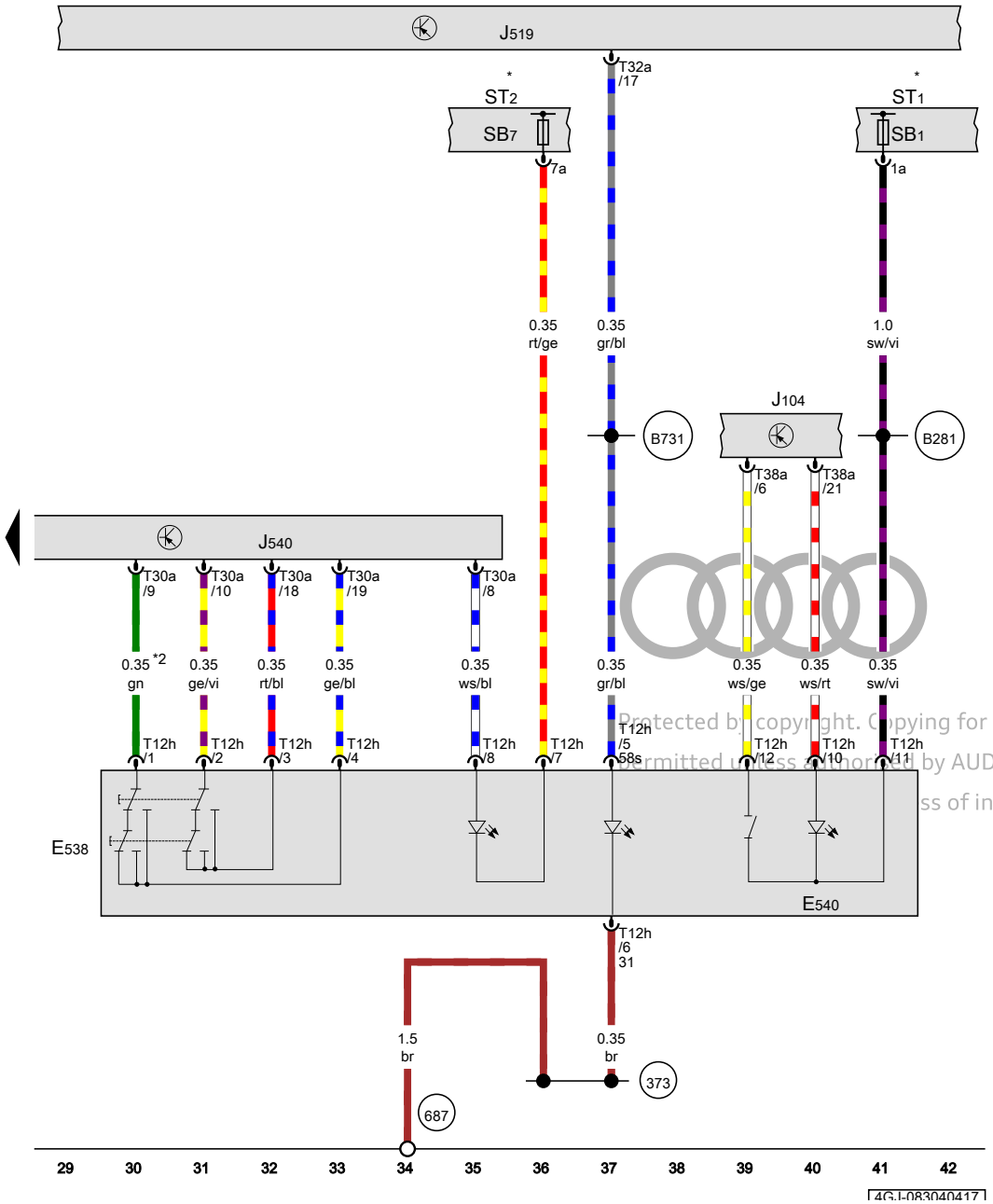
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
T2cd	2-pin connector
T2ct	2-pin connector
T6ah	6-pin connector
T30a	30-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
B489	Connection 25, in main wiring harness
B490	Connection 26, in main wiring harness
B538	Connection 29, in main wiring harness
B539	Connection 30, in main wiring harness
*	see applicable current flow diagram for engine



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rs	=	pink

Electromechanical parking brake button, Auto-hold button, Onboard supply control unit, Control unit for electromechanical parking brake



E538 Electromechanical parking brake button
E540 Auto-hold button
J104 ABS control unit
J519 Onboard supply control unit
J540 Control unit for electromechanical parking brake
SB1 Fuse 1 on fuse holder B
ST1 Fuse carrier 1
ST2 Fuse carrier 2
SB7 Fuse 7 on fuse holder B
T12h 12-pin connector
T30a 30-pin connector
T32a 32-pin connector
T38a 38-pin connector

373 Earth connection 8, in main wiring harness

687 Earth point 1, on centre tunnel

B281 Positive connection 5 (15a) in main wiring harness

B731 Connection 1 (58s), in main wiring harness

* see applicable current flow diagram for fuse assignment
*2 Wiring colour depends on equipment

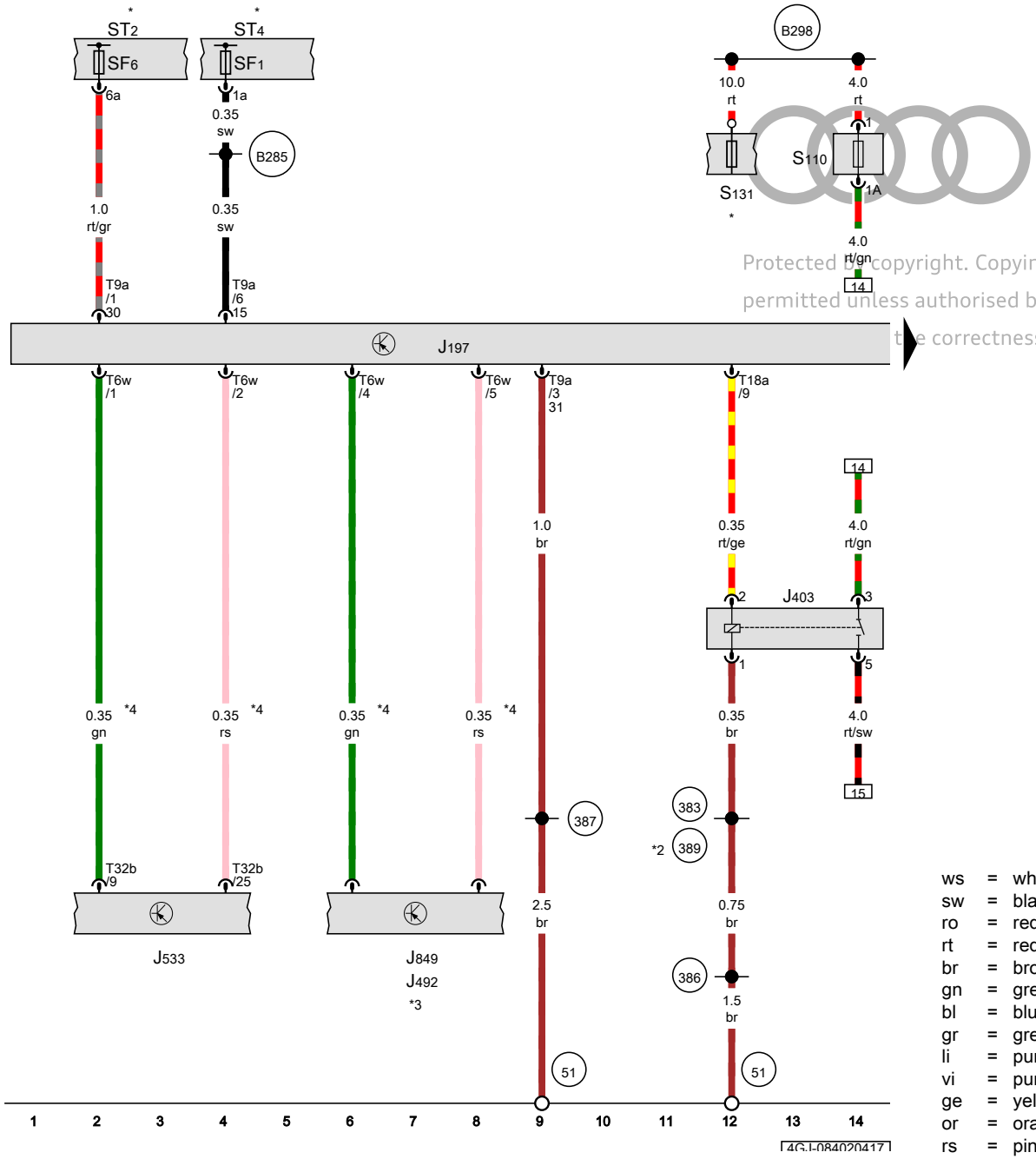
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Adaptive suspension , (1BK),(1BS),(1BY),(2MA)

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Adaptive suspension control unit

J197	Adaptive suspension control unit
J403	Adaptive suspension compressor relay
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J849	Control unit for sensor electronics
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
S110	Levelling system fuse
S131	Fuse 1
T6w	6-pin connector
T9a	9-pin connector
T18a	18-pin connector
T32b	32-pin connector

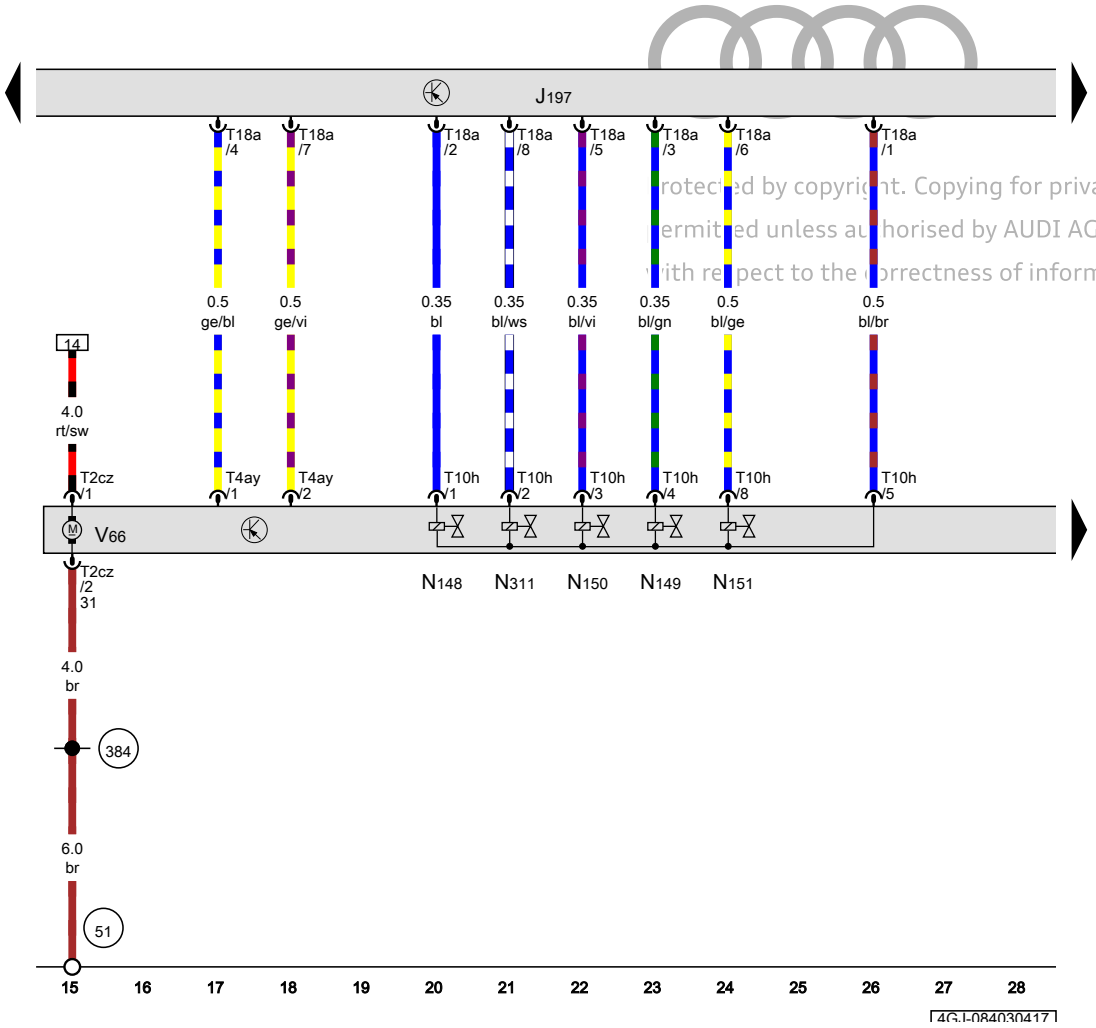
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
387	Earth connection 22, in main wiring harness
389	Earth connection 24, in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness

*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	see applicable current flow diagram for data bus network
*4	Data bus wire (FlexRay bus)

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Adaptive suspension control unit, Front left suspension strut valve, Rear left suspension strut valve, Adaptive suspension compressor motor

J197	Adaptive suspension control unit
N148	Front left suspension strut valve
N149	Front right suspension strut valve
N150	Rear left suspension strut valve
N151	Rear right suspension strut valve
N311	Adaptive suspension pressure accumulator valve
T2cz	2-pin connector
T4ay	4-pin connector
T10h	10-pin connector
T18a	18-pin connector
V66	Adaptive suspension compressor motor
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness



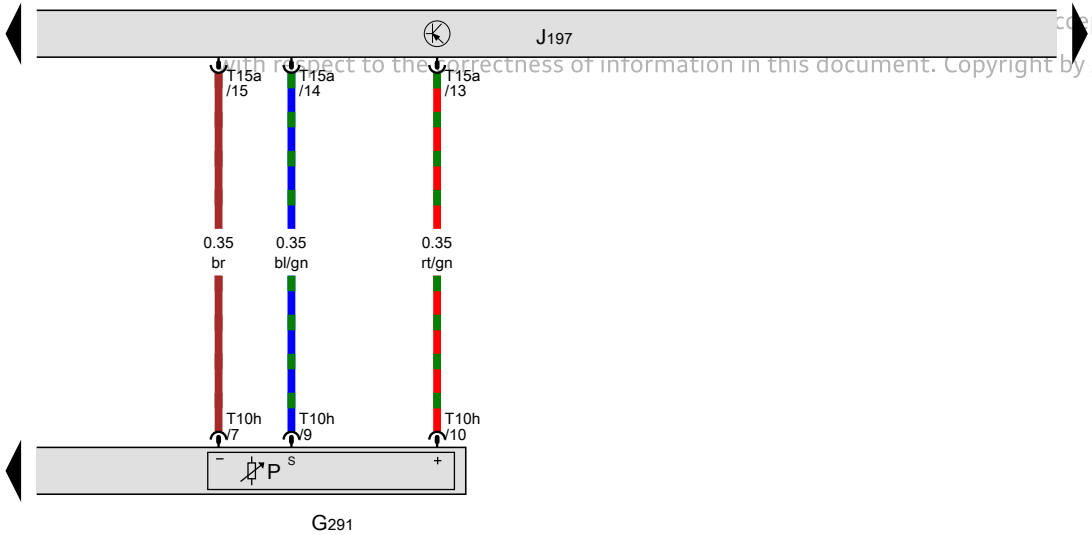
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Pressure sender for adaptive suspension, Adaptive suspension control unit

G291	Pressure sender for adaptive suspension
J197	Adaptive suspension control unit
T10h	10-pin connector
T15a	15-pin connector

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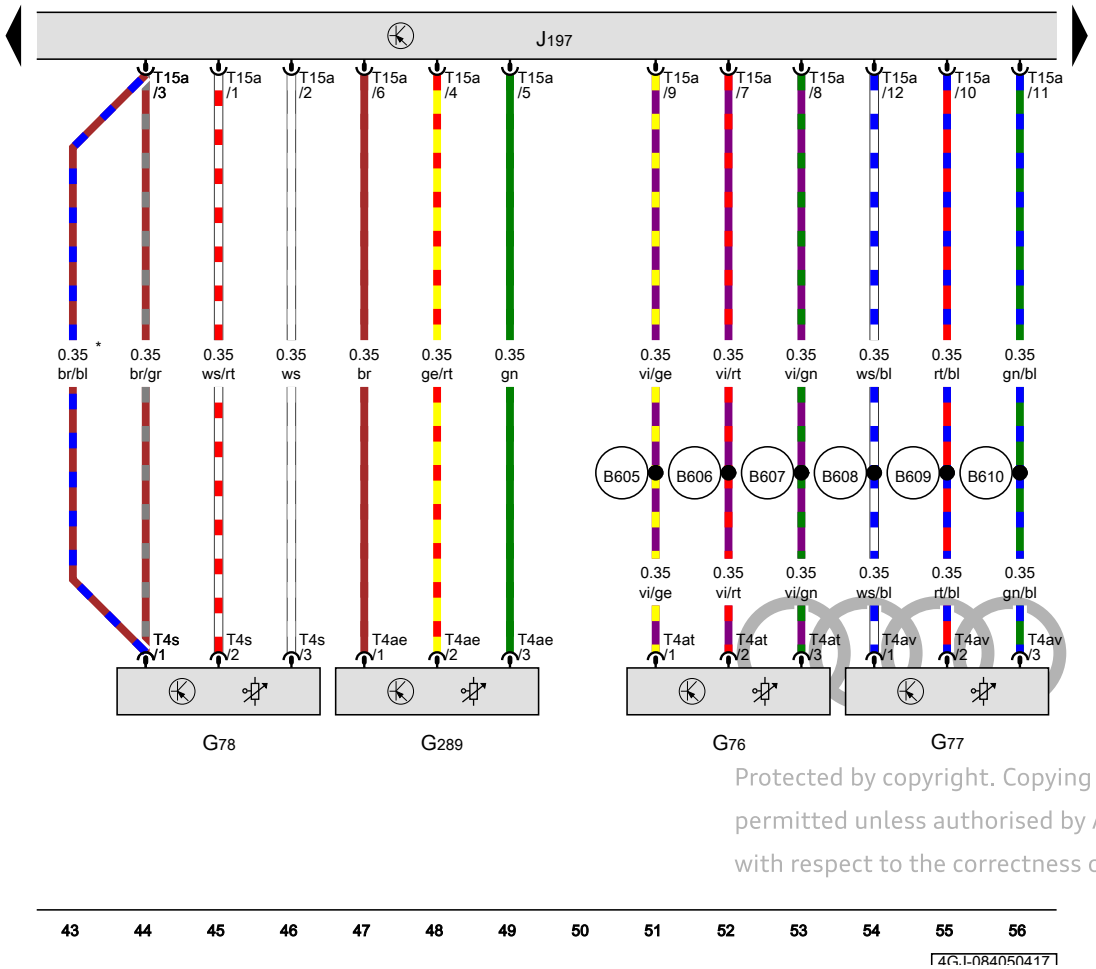
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

4G1-0840040417

Rear left vehicle level sender, Front left vehicle level sender, Adaptive suspension control unit

G76	Rear left vehicle level sender
G77	Rear right vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
J197	Adaptive suspension control unit
T4ae	4-pin connector
T4at	4-pin connector
T4av	4-pin connector
T4s	4-pin connector
T15a	15-pin connector
B605	Connection 1, in interior wiring harness
B606	Connection 2, in interior wiring harness
B607	Connection 3, in interior wiring harness
B608	Connection 4, in interior wiring harness
B609	Connection 5, in interior wiring harness
B610	Connection 6, in interior wiring harness
*	gradual introduction

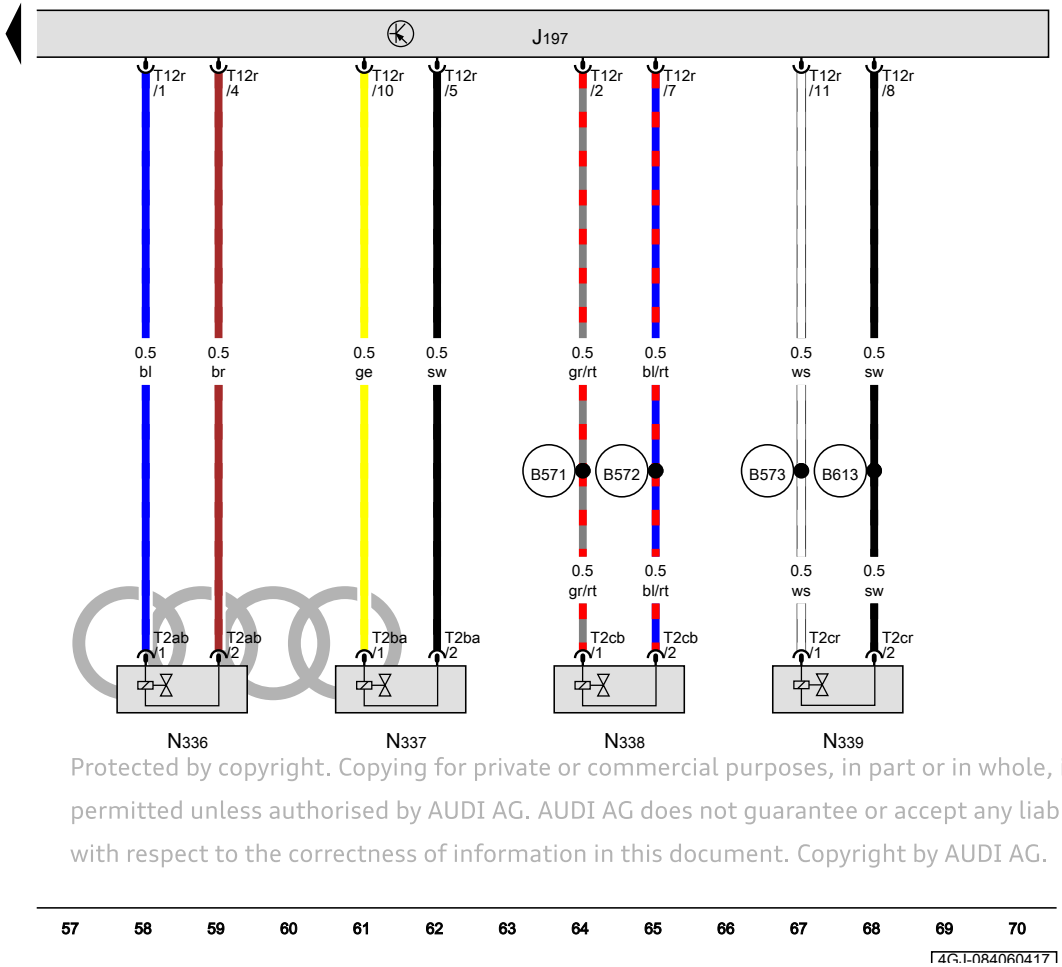


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Adaptive suspension control unit, Front left shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve

J197	Adaptive suspension control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2ab	2-pin connector
T2ba	2-pin connector
T2cb	2-pin connector
T2cr	2-pin connector
T12r	12-pin connector
B571	Connection 38, in main wiring harness
B572	Connection 39, in main wiring harness
B573	Connection 40, in main wiring harness
B613	Connection 41, in main wiring harness



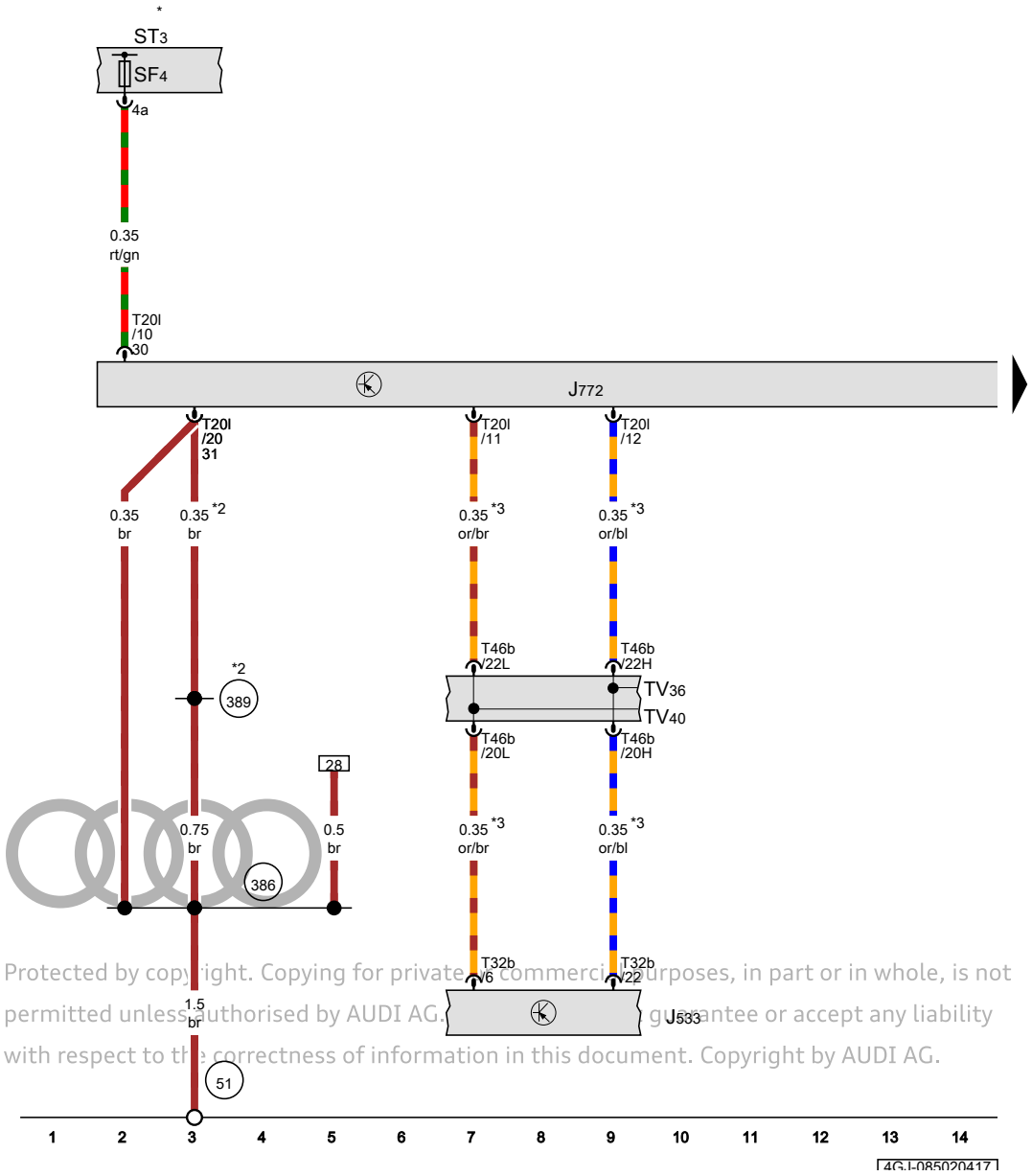
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Reversing camera (Rear Assist) , (KA2)

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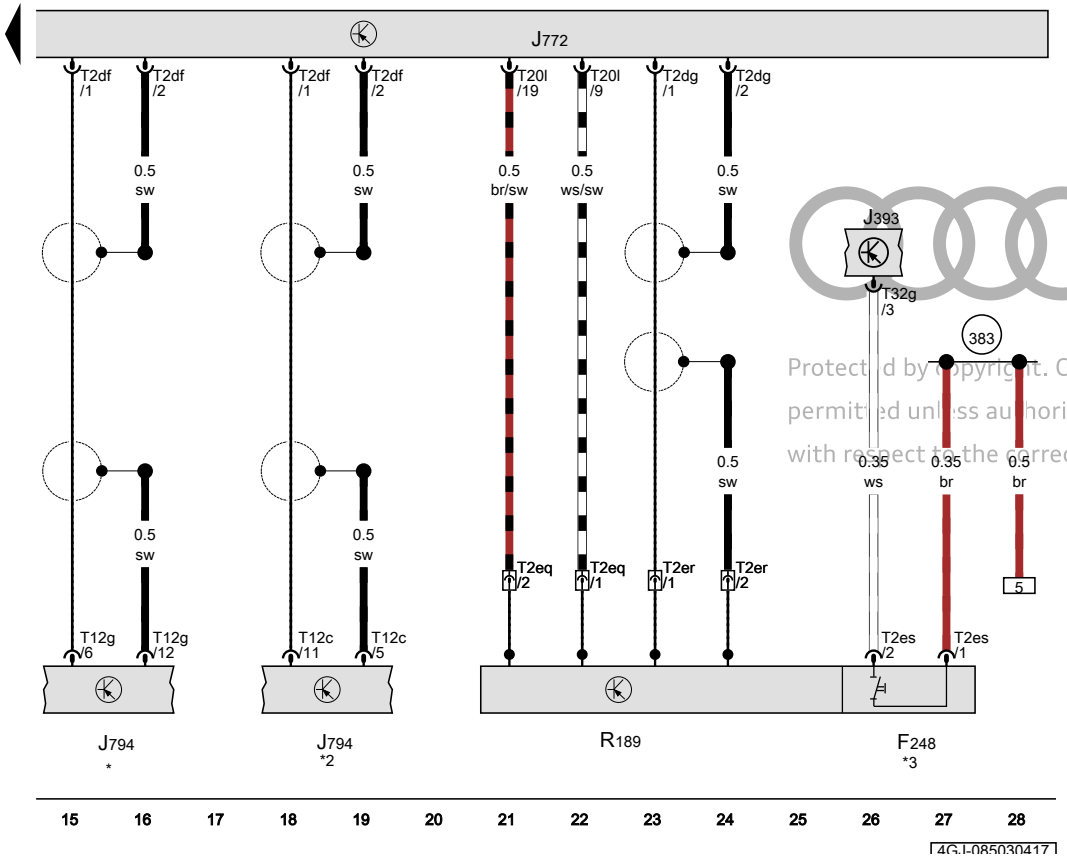
Reversing camera system control unit

J533	Data bus diagnostic interface
J772	Reversing camera system control unit
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T20l	20-pin connector, red
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV40	Wiring junction for dash panel insert CAN bus, low
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Data bus wire (CAN bus)

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Release button for rear lid lock cylinder, Reversing camera system control unit, Reversing camera

F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
T2df	2-pin connector, green
T2dg	2-pin connector, grey
T2eq	2-pin connector, under reversing camera cover
T2er	2-pin connector, under reversing camera cover
T2es	2-pin connector
T12c	12-pin connector, blue
T12g	12-pin connector, blue
T20l	20-pin connector, red
T32g	32-pin connector, grey
383	Earth connection 18, in main wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	Only models with RMC radio system
*3	Only models with reversing camera system



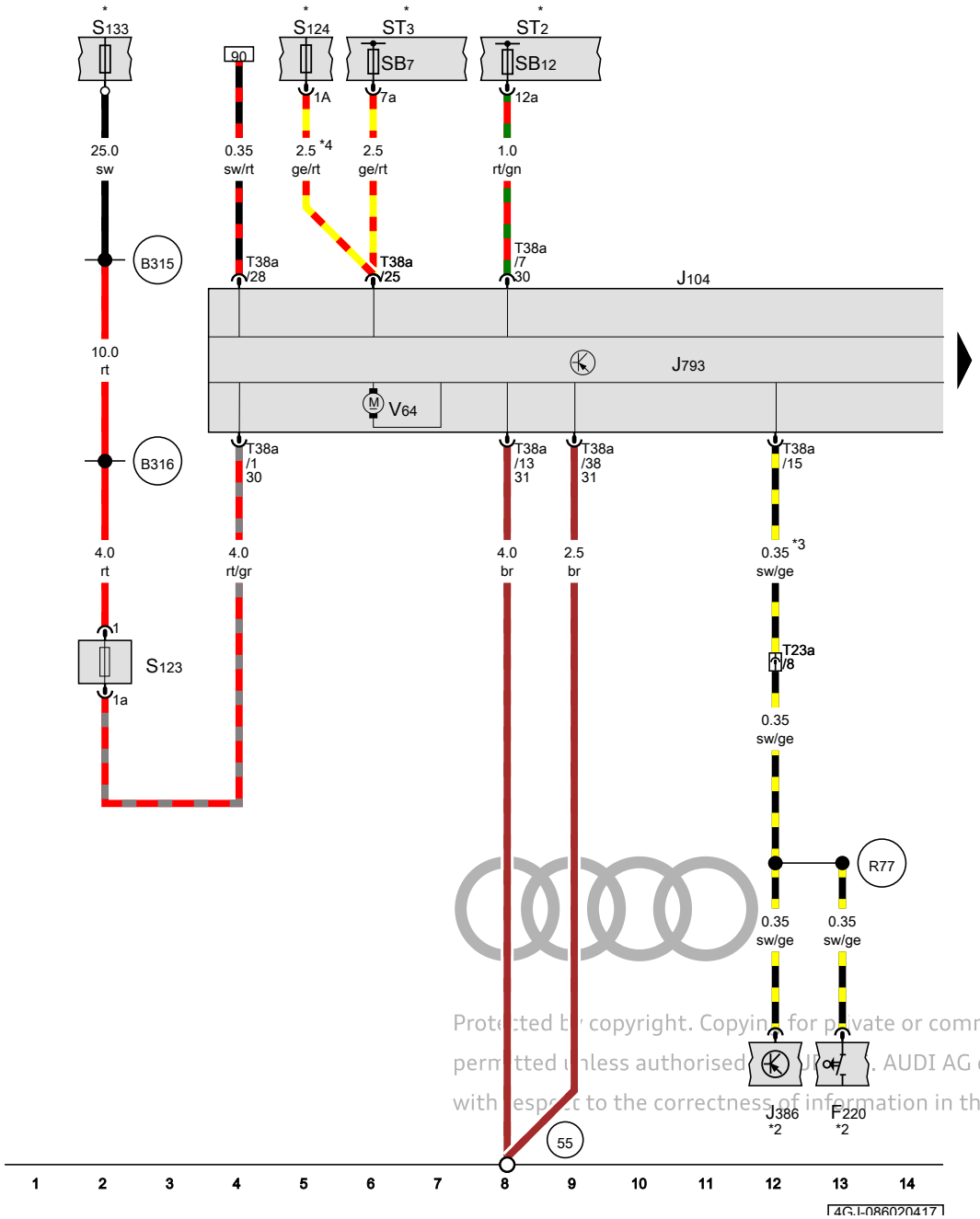
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Anti-lock brake system (ABS) with electronic differential lock (EDL) and traction control system (TCS) and electronic stabilisation program (ESP)

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ABS control unit, Tyre Pressure Monitoring System control unit 2, ABS control unit fuse 1

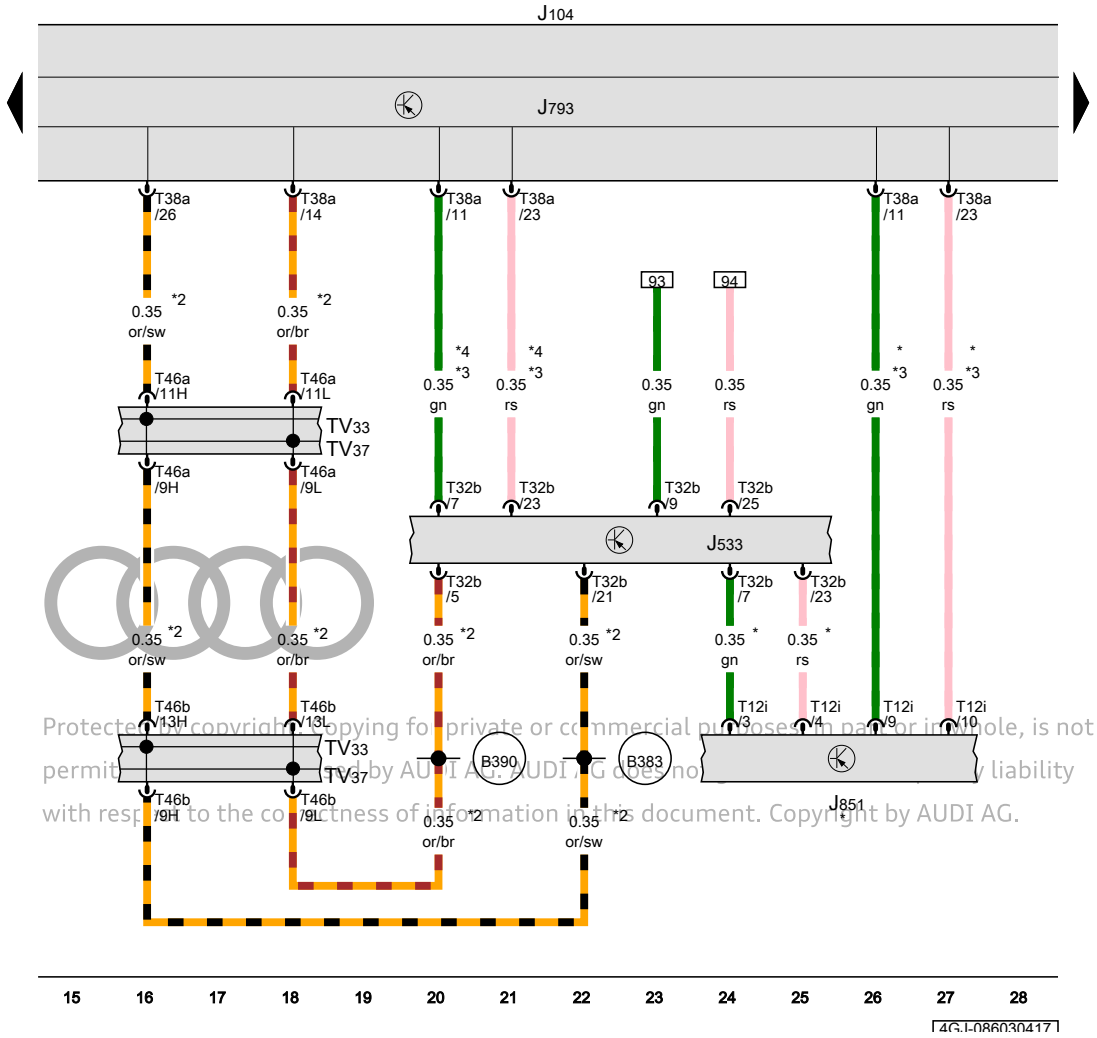
F220	Driver side central locking lock unit
J104	ABS control unit
J386	Driver door control unit
J793	Tyre Pressure Monitoring System control unit 2
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S133	Fuse 3
T23a	23-pin connector, on left A-pillar
T38a	38-pin connector
V64	ABS hydraulic pump
55	Earth point, next to ABS control unit
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for convenience system
*3	For models with adaptive cruise control (ACC)
*4	Only right-hand drive models

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ABS control unit, Tyre Pressure Monitoring System control unit 2, Wiring junction for powertrain CAN bus, high, Wiring junction for powertrain CAN bus, low

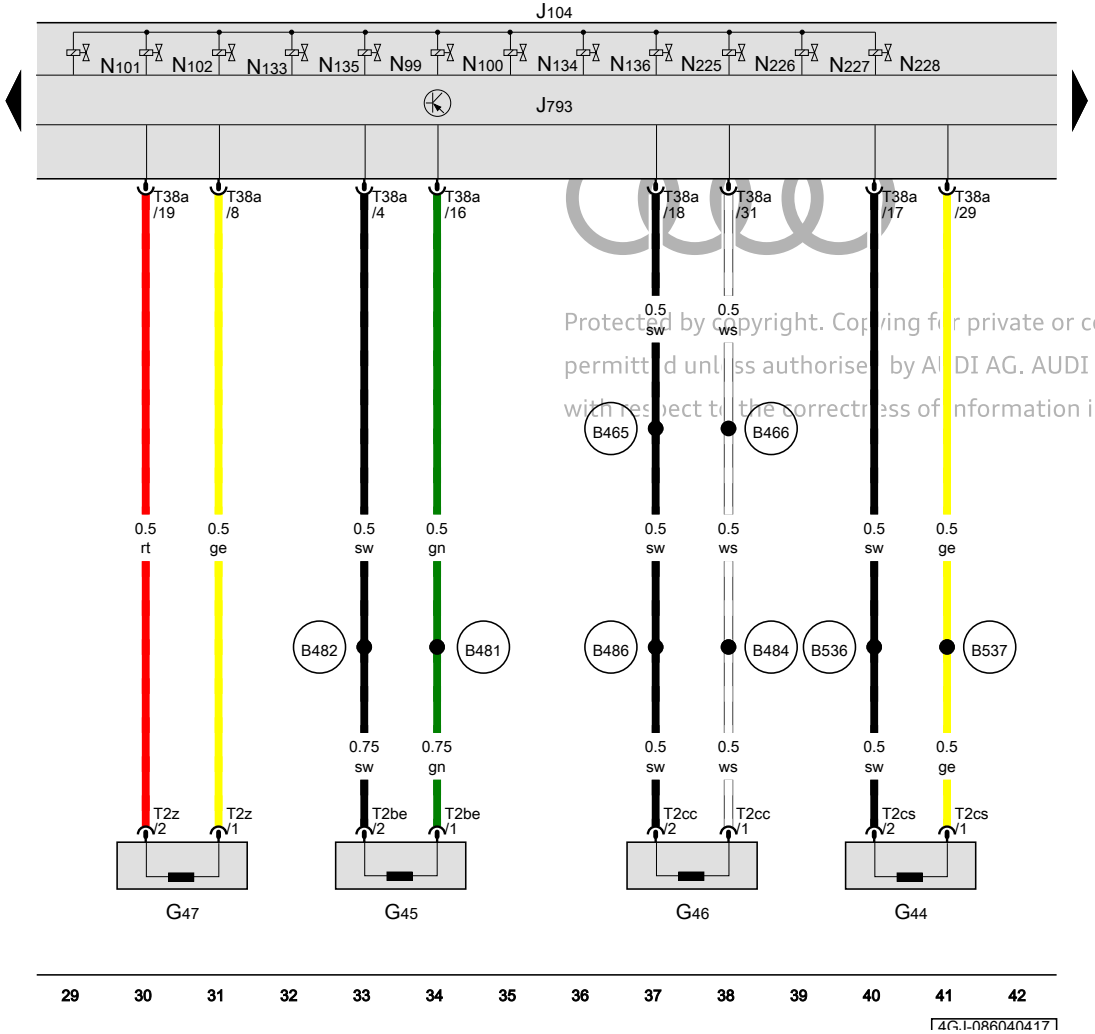
J104	ABS control unit
J533	Data bus diagnostic interface
J793	Tyre Pressure Monitoring System control unit 2
J851	Image processing control unit
T12i	12-pin connector
T32b	32-pin connector
T38a	38-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	For models with adaptive cruise control (ACC)
*2	Data bus wire (CAN bus)
*3	Data bus wire (FlexRay bus)
*4	Only models with no adaptive cruise control (ACC)



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Front right speed sensor, Rear left speed sensor, ABS control unit, Tyre Pressure Monitoring System control unit 2



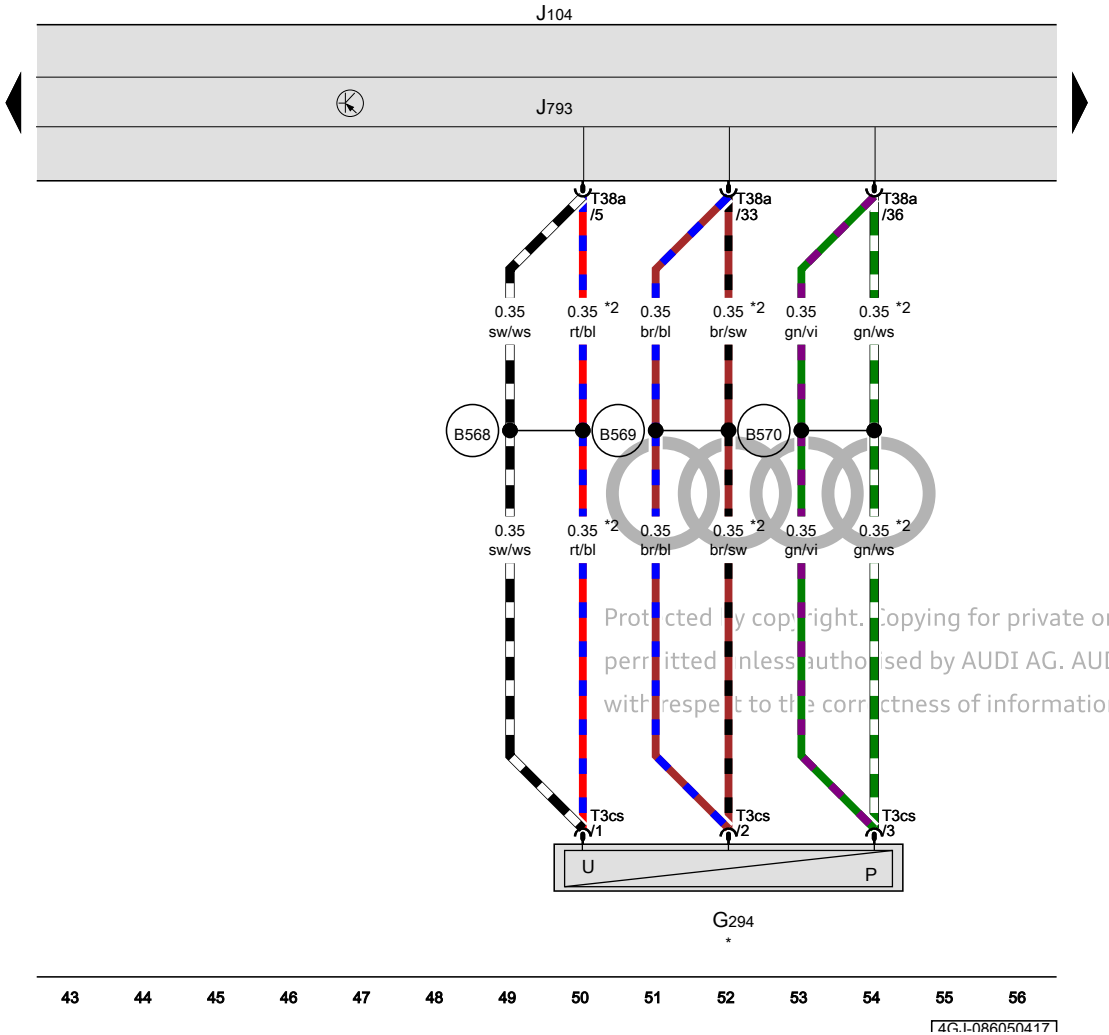
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G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
J793	Tyre Pressure Monitoring System control unit 2
N99	Front right ABS inlet valve
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T2be	2-pin connector
T2cc	2-pin connector
T2cs	2-pin connector
T2z	2-pin connector
T38a	38-pin connector
B465	Connection 1, in main wiring harness
B466	Connection 2, in main wiring harness
B481	Connection 17, in main wiring harness
B482	Connection 18, in main wiring harness
B484	Connection 20, in main wiring harness
B486	Connection 22, in main wiring harness
B536	Connection 27, in main wiring harness
B537	Connection 28, in main wiring harness

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ge	=	yellow
or	=	orange
rs	=	pink

Brake servo pressure sensor, ABS control unit, Tyre Pressure Monitoring System control unit 2

G294	Brake servo pressure sensor
J104	ABS control unit
J793	Tyre Pressure Monitoring System control unit 2
T3cs	3-pin connector, black
T38a	38-pin connector
B568	Connection 35, in main wiring harness
B569	Connection 36, in main wiring harness
B570	Connection 37, in main wiring harness
*	Only models with start/stop system
*2	Gradually discontinued

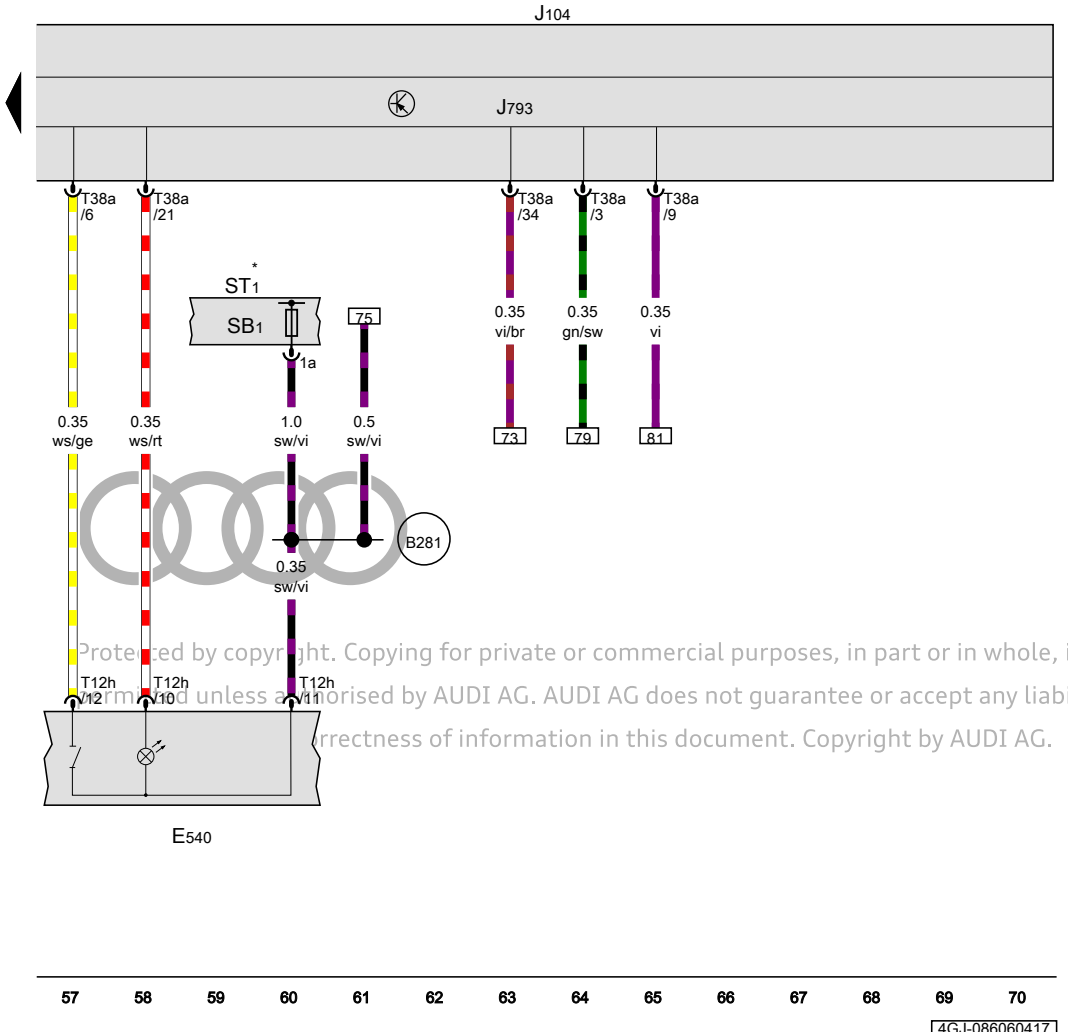


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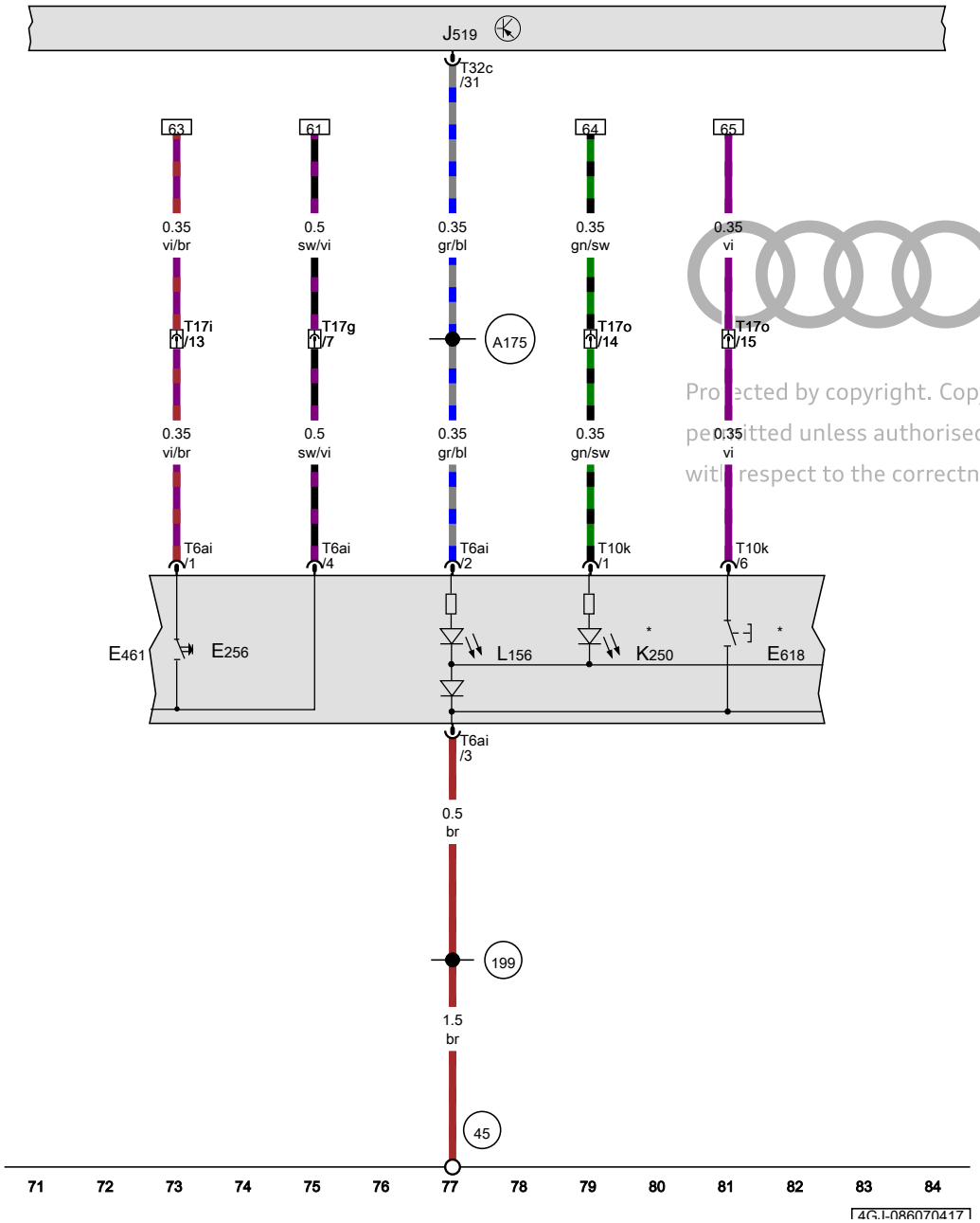
Auto-hold button, ABS control unit, Tyre Pressure Monitoring System control unit 2

E540	Auto-hold button
J104	ABS control unit
J793	Tyre Pressure Monitoring System control unit 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
T12h	12-pin connector
T38a	38-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment



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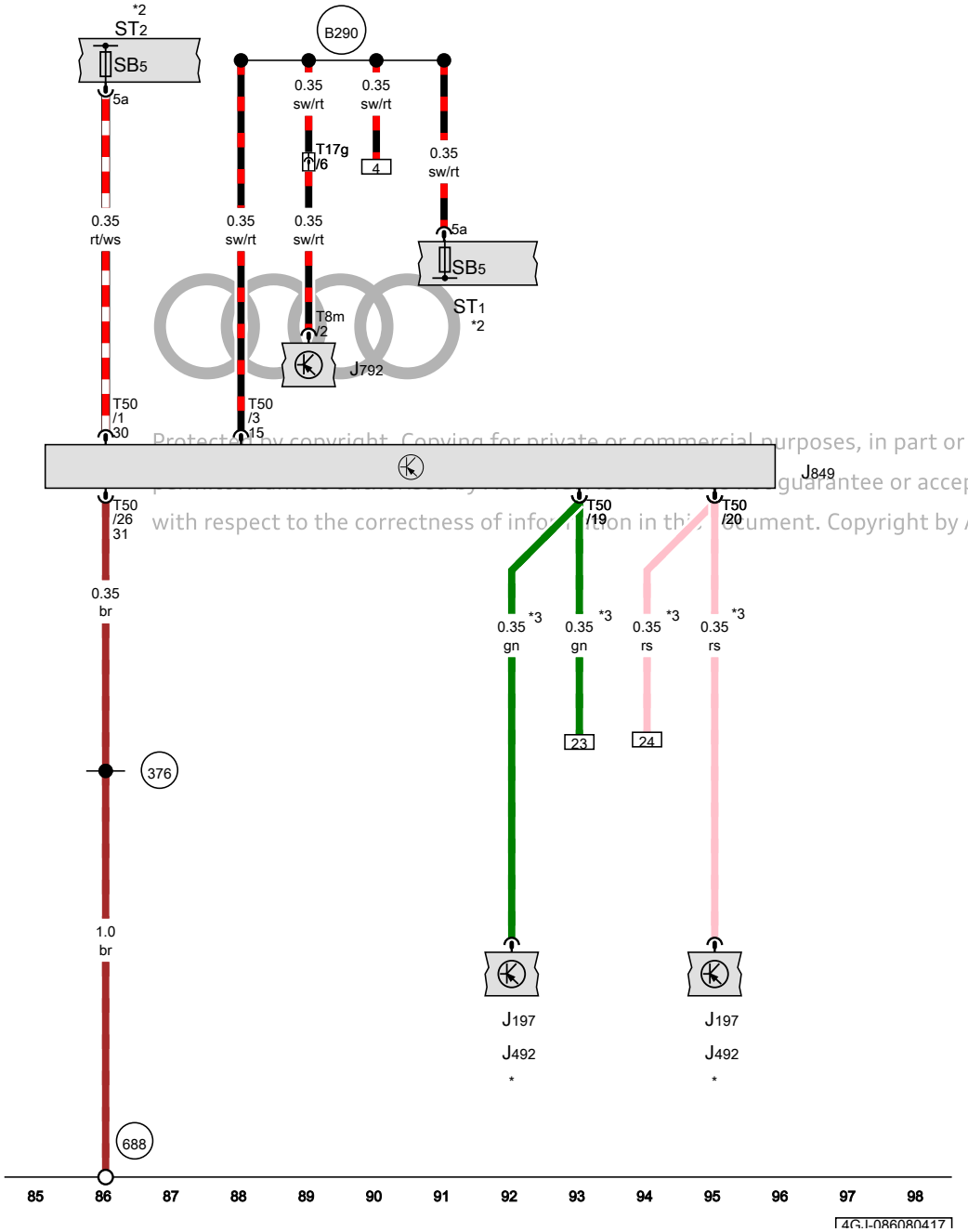


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Button for TCS and electronic stabilisation program, Hill descent control button, Onboard supply control unit

E256	Button for TCS and electronic stabilisation program
E461	Operating unit in front of centre console
E618	Hill descent control button
J519	Onboard supply control unit
K250	Warning lamp for hill descent control
L156	Switch illumination bulb
T6ai	6-pin connector
T10k	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness
*	For models with all-wheel drive

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Control unit for sensor electronics

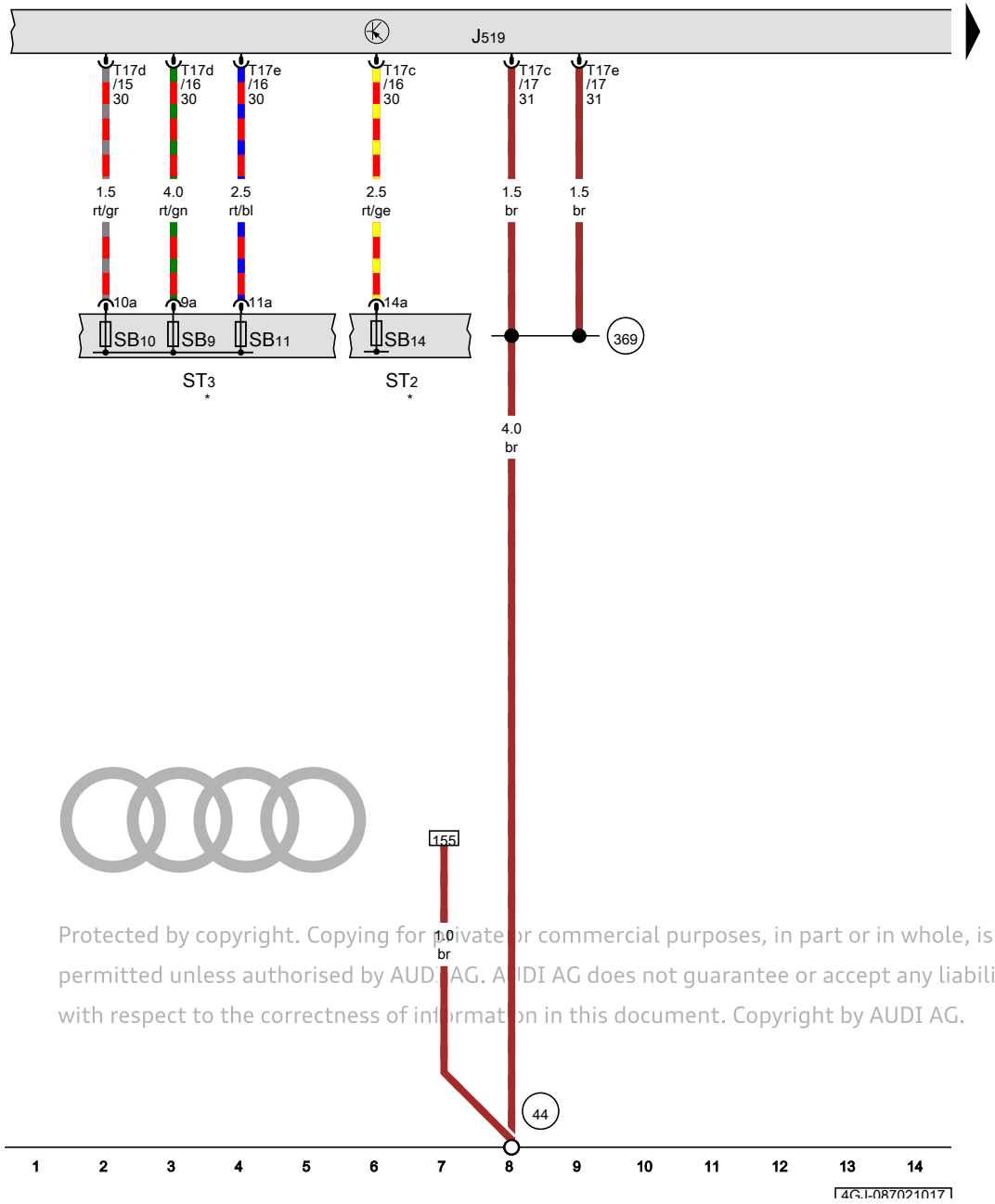
J197	Adaptive suspension control unit
J492	All-wheel drive control unit
J792	Active steering control unit
J849	Control unit for sensor electronics
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
T8m	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T50	50-pin connector
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B290	Positive connection 14 (15a) in main wiring harness
*	see applicable current flow diagram for data bus network
*2	see applicable current flow diagram for fuse assignment
*3	Data bus wire (FlexRay bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

LED headlights , (8G0),(8G1)

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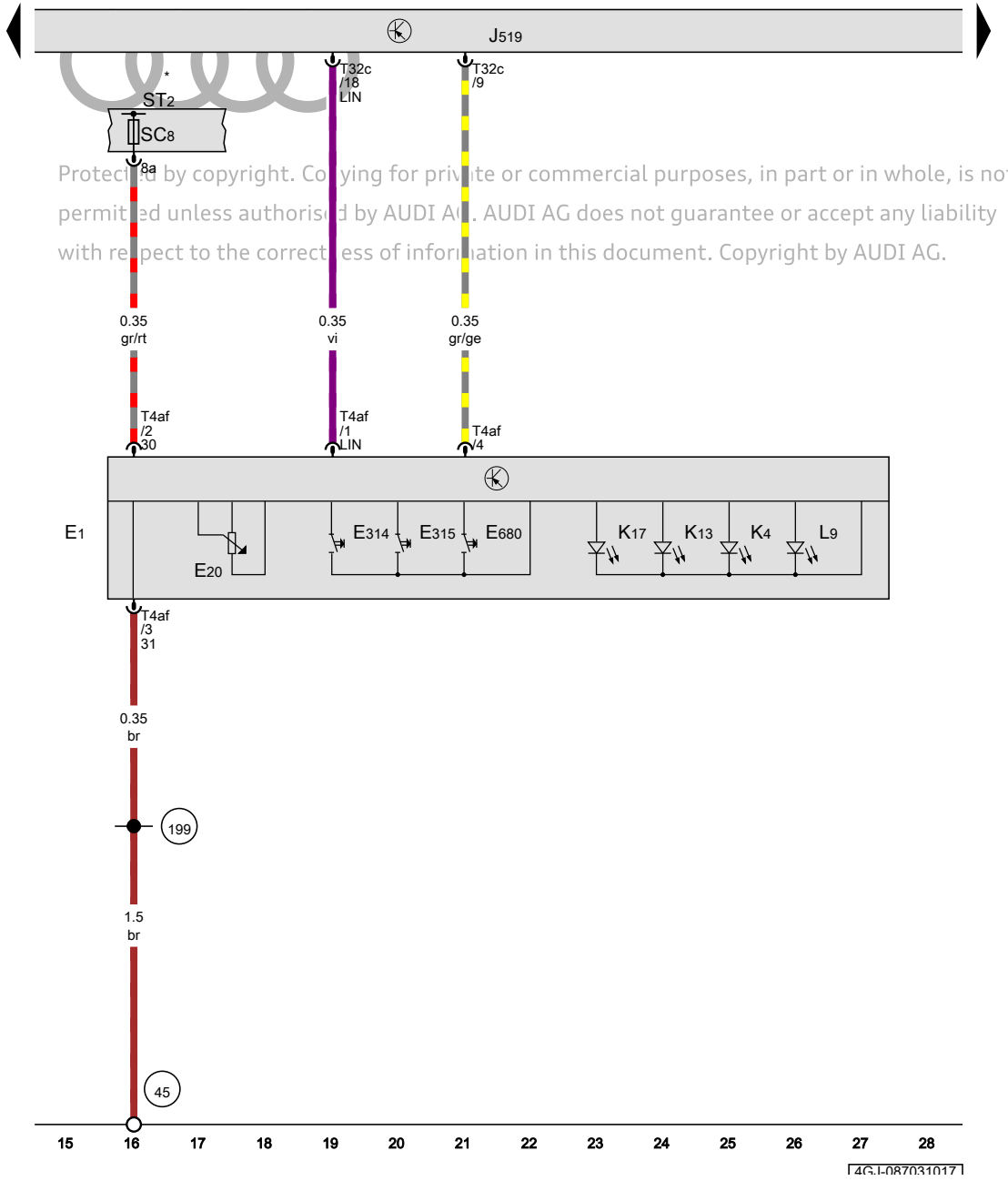


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Onboard supply control unit

J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17c	17-pin connector, brown
T17d	17-pin connector, black
T17e	17-pin connector, red
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

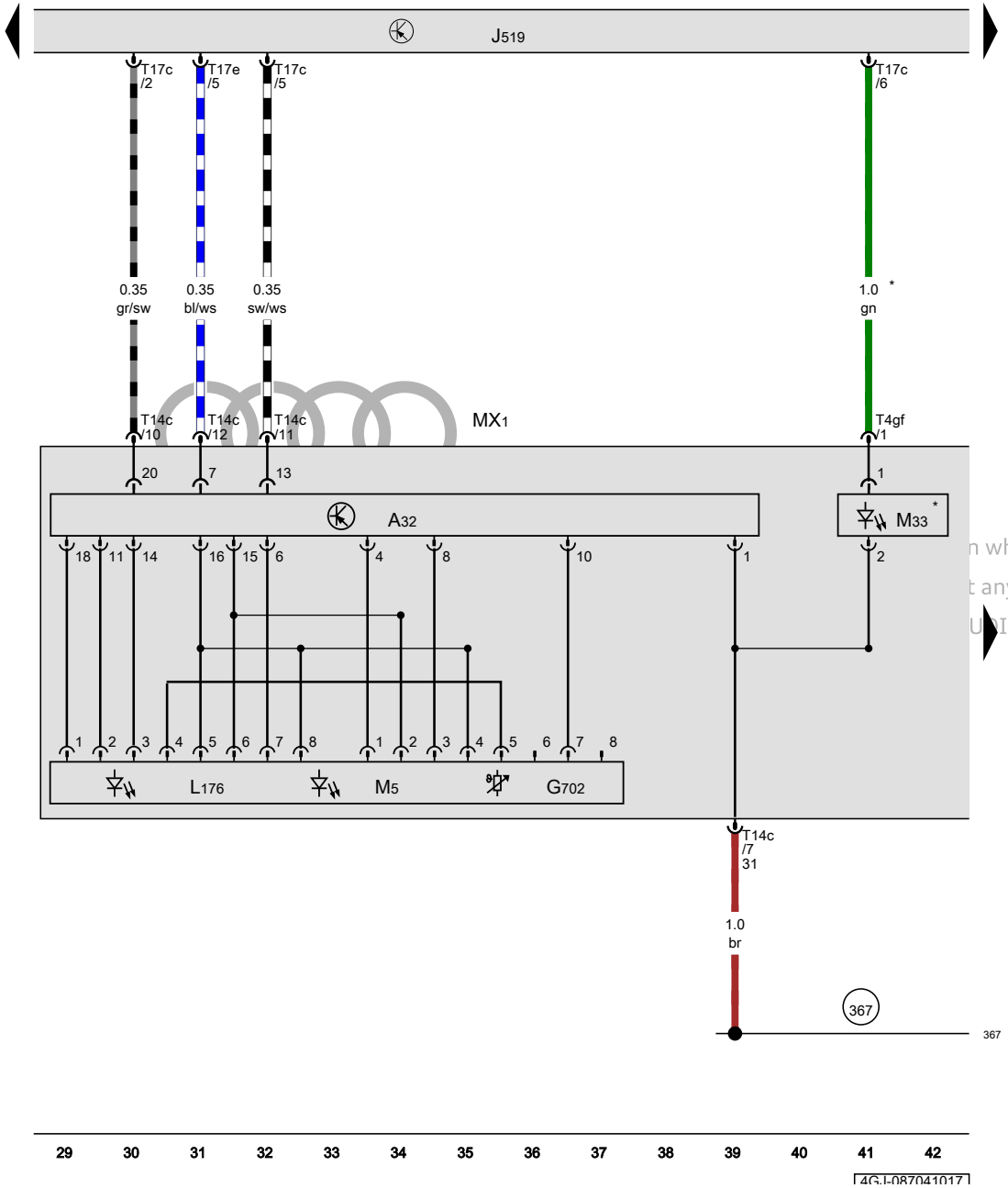


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Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector, black
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

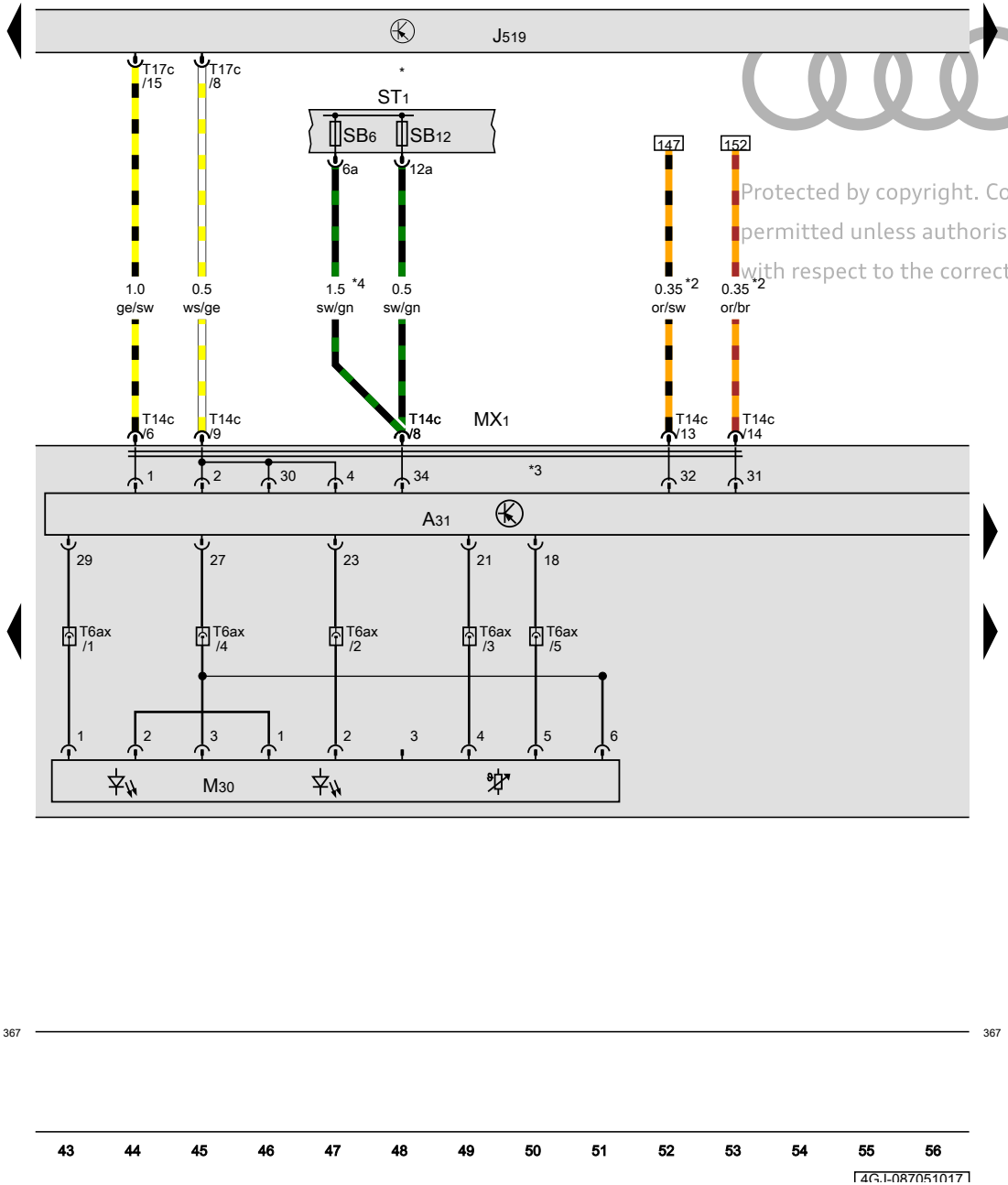


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Onboard supply control unit, Front left side marker bulb

A32	Output module 2 for left LED headlight
G702	Temperature sender 1 for left headlight
J519	Onboard supply control unit
L176	Left LED module for daytime running light and side light
MX1	Front left headlight, on left headlight
M5	Front left turn signal bulb
M33	Front left side marker bulb
T4gf	4-pin connector
T14c	14-pin connector, black
T17c	17-pin connector, brown
T17e	17-pin connector, red
367	Earth connection 2, in main wiring harness
*	For American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

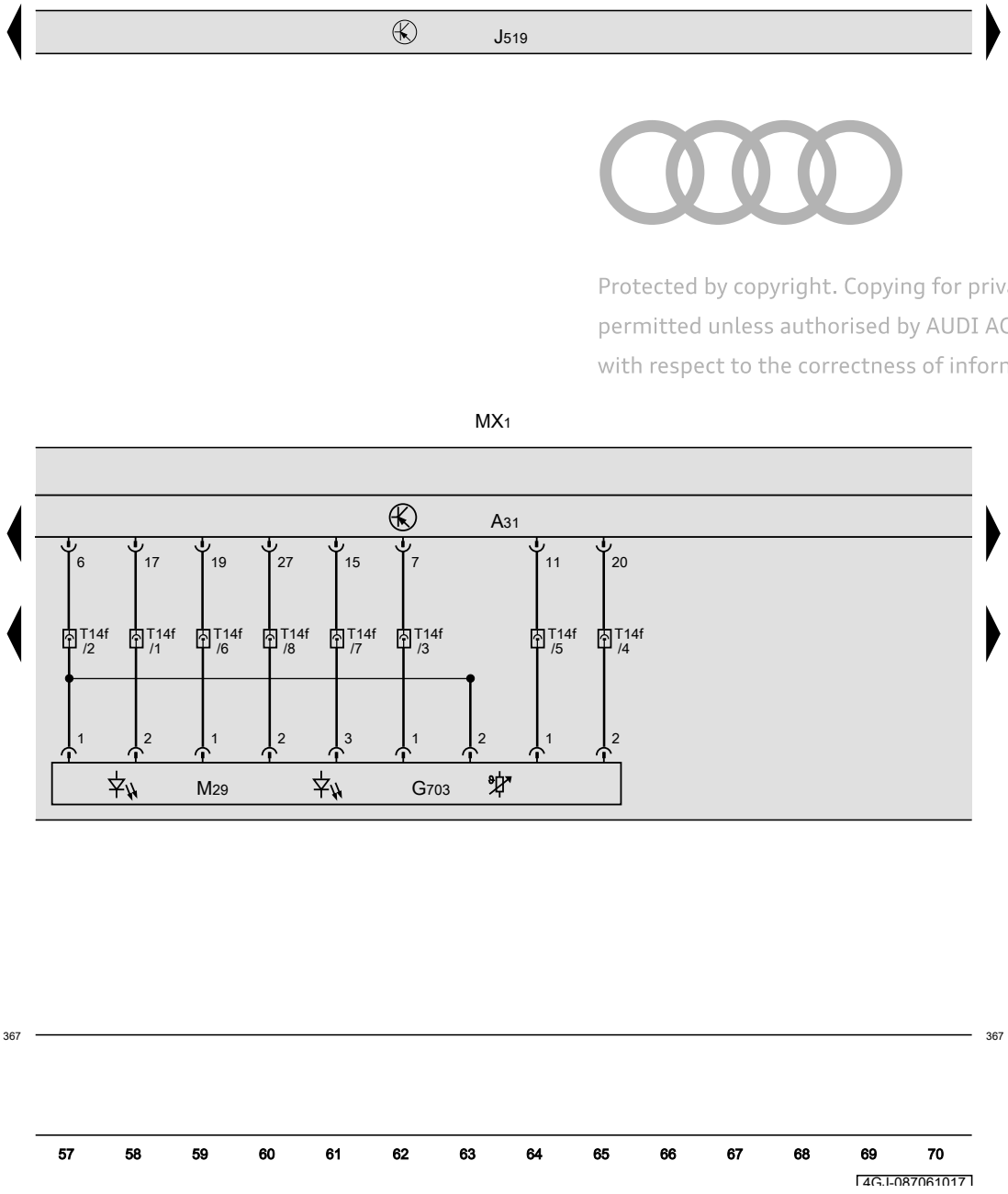


Onboard supply control unit

A31	Output module 1 for left LED headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M30	Left headlight main beam bulb
ST1	Fuse carrier 1
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6ax	6-pin connector, in headlight
T14c	14-pin connector, black
T17c	17-pin connector, brown
367	Earth connection 2, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	Ferrite core
*4	For right-hand drive models

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit

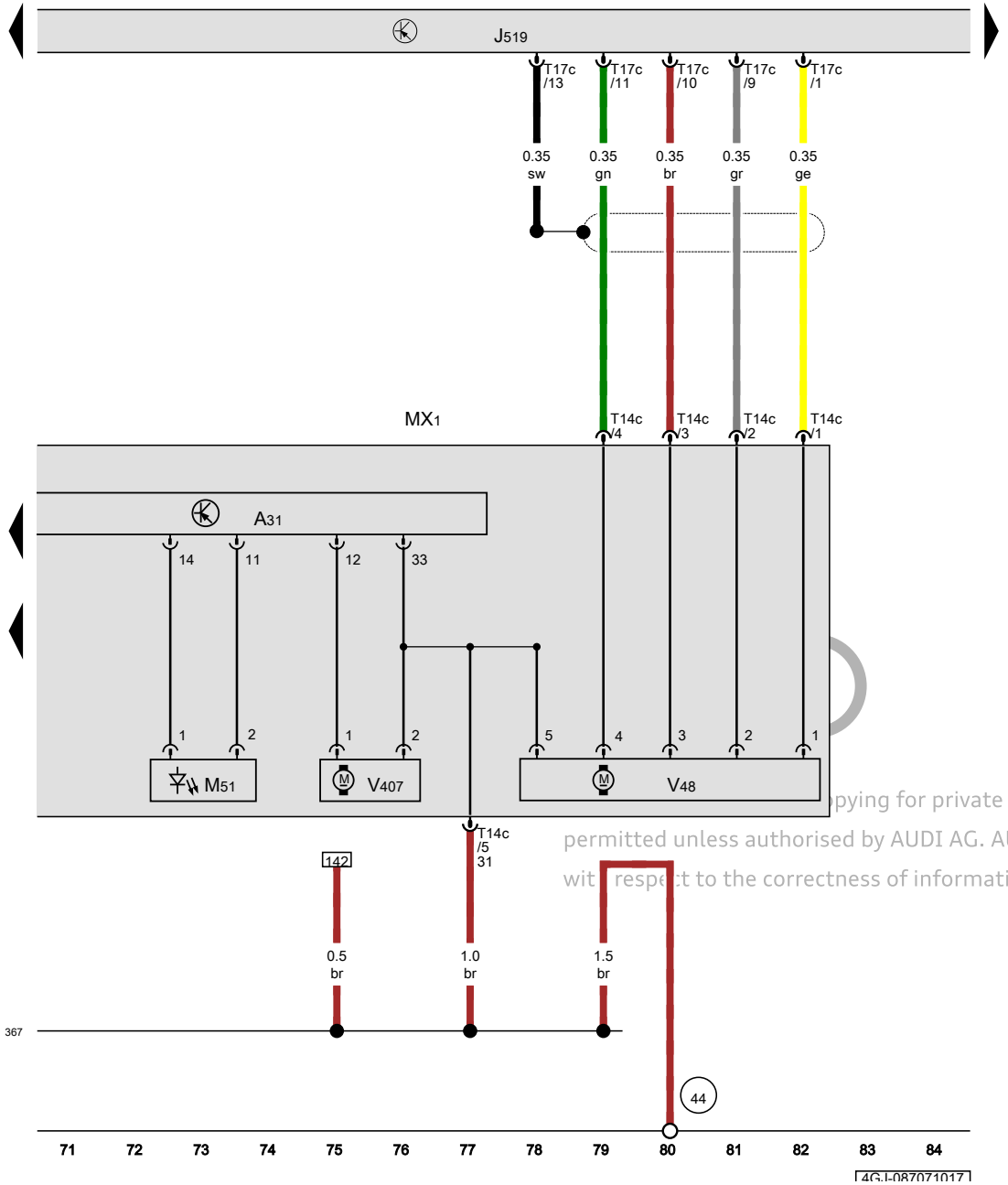
A31	Output module 1 for left LED headlight
G703	Temperature sender 2 for left headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M29	Left headlight dipped beam bulb
T14f	14-pin connector, in headlight
367	Earth connection 2, in main wiring harness

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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Left headlight range control motor

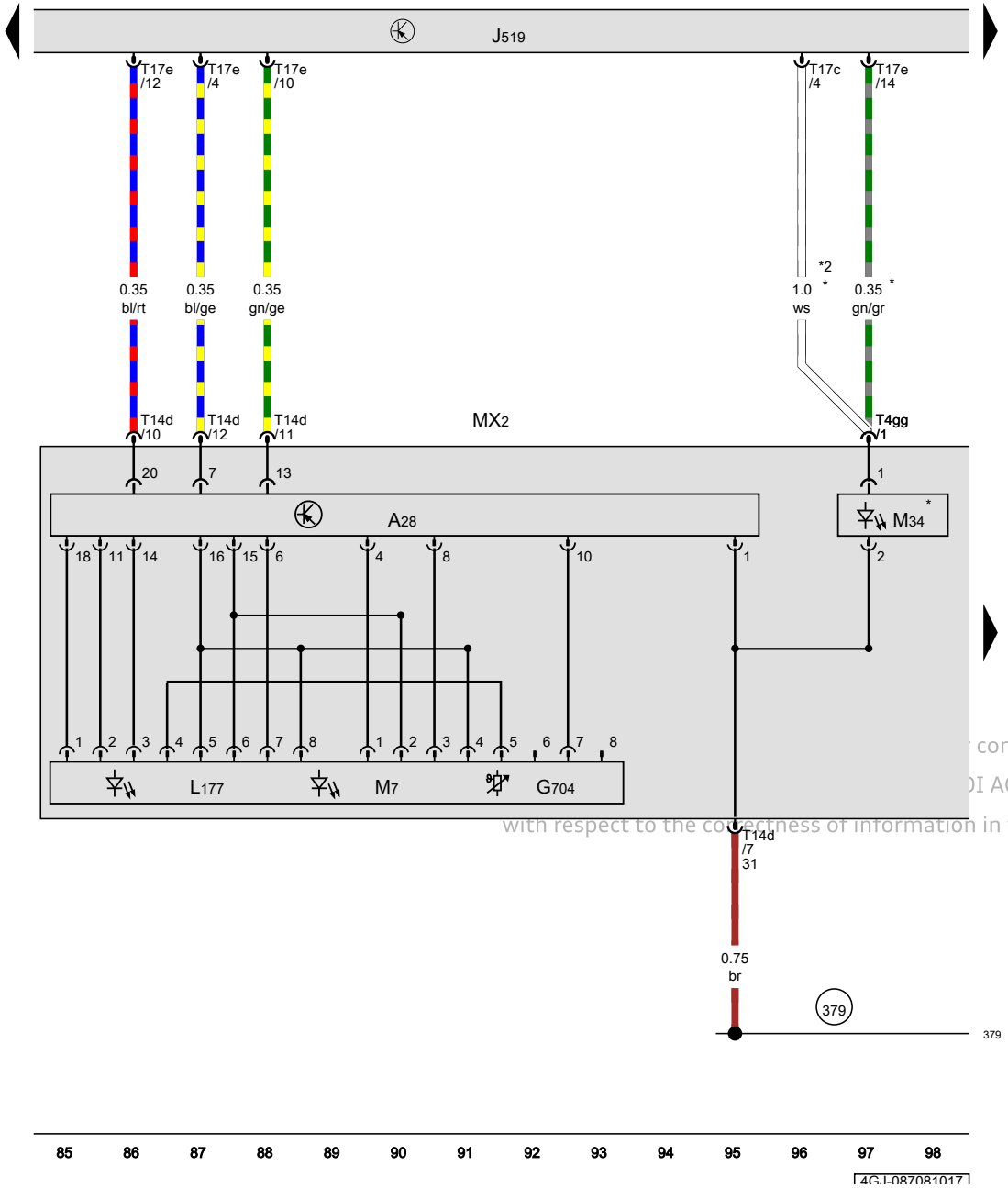
A31	Output module 1 for left LED headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M51	Left static cornering light
T14c	14-pin connector, black
T17c	17-pin connector, brown
V48	Left headlight range control motor
V407	Left headlight fan
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness



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rs	=	pink

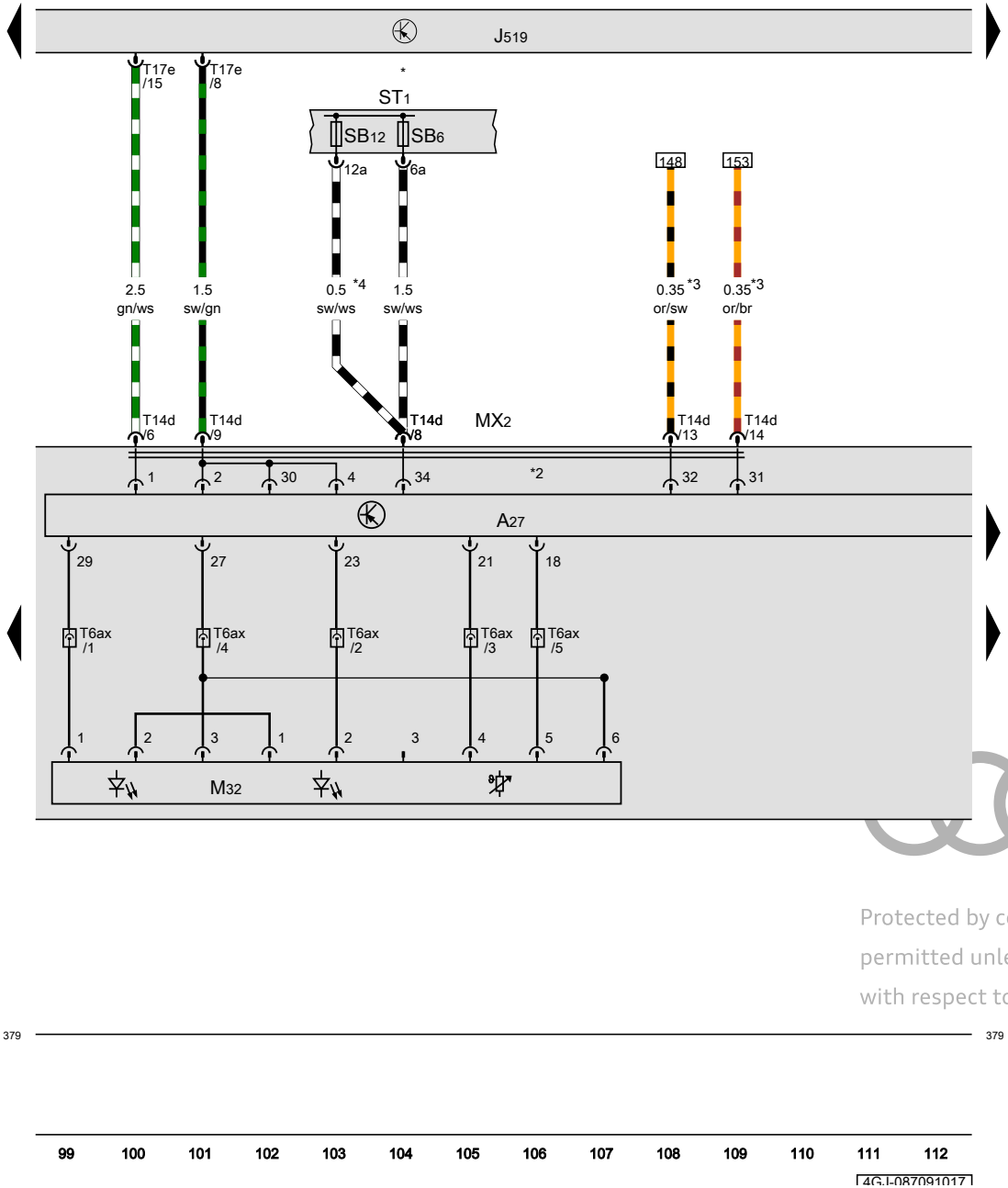
Onboard supply control unit, Front right headlight, Front right side marker bulb



A28	Output module 2 for right LED headlight
G704	Temperature sender 1 for right headlight
J519	Onboard supply control unit
L177	Right LED module for daytime running light and side light
MX2	Front right headlight, on right headlight
M7	Front right turn signal bulb
M34	Front right side marker bulb
T4gg	4-pin connector, black
T14d	14-pin connector, black
T17c	17-pin connector, brown
T17e	17-pin connector, red
379	Earth connection 14, in main wiring harness
*	For American markets
*2	gradual introduction

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit, Front right headlight

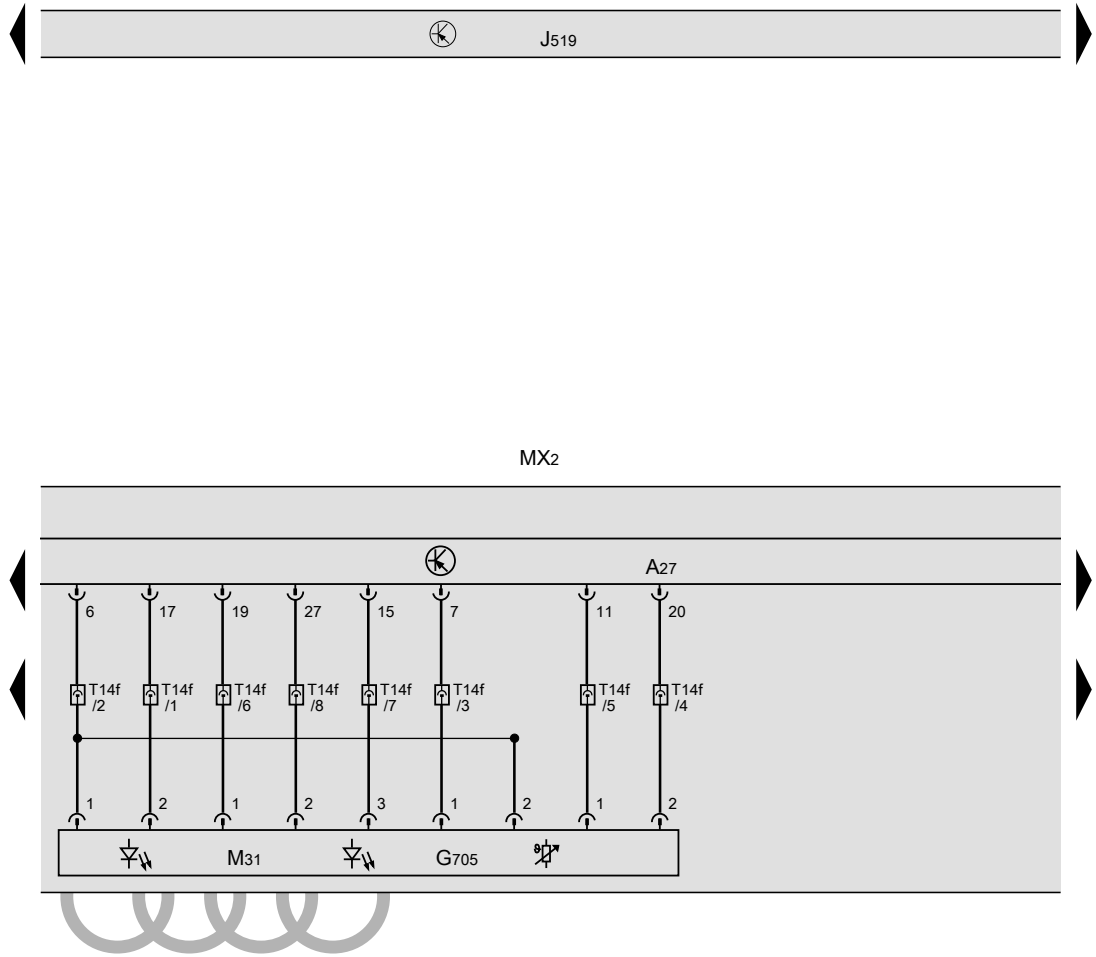
A27	Output module 1 for right LED headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M32	Right headlight main beam bulb
ST1	Fuse carrier 1
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6ax	6-pin connector, in headlight
T14d	14-pin connector, black
T17e	17-pin connector, red
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Ferrite core
*3	Data bus wire (CAN bus)
*4	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Front right headlight

A27	Output module 1 for right LED headlight
G705	Temperature sender 2 for right headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M31	Right headlight dipped beam bulb
T6ax	6-pin connector, in headlight
T14f	14-pin connector, in headlight
379	Earth connection 14, in main wiring harness

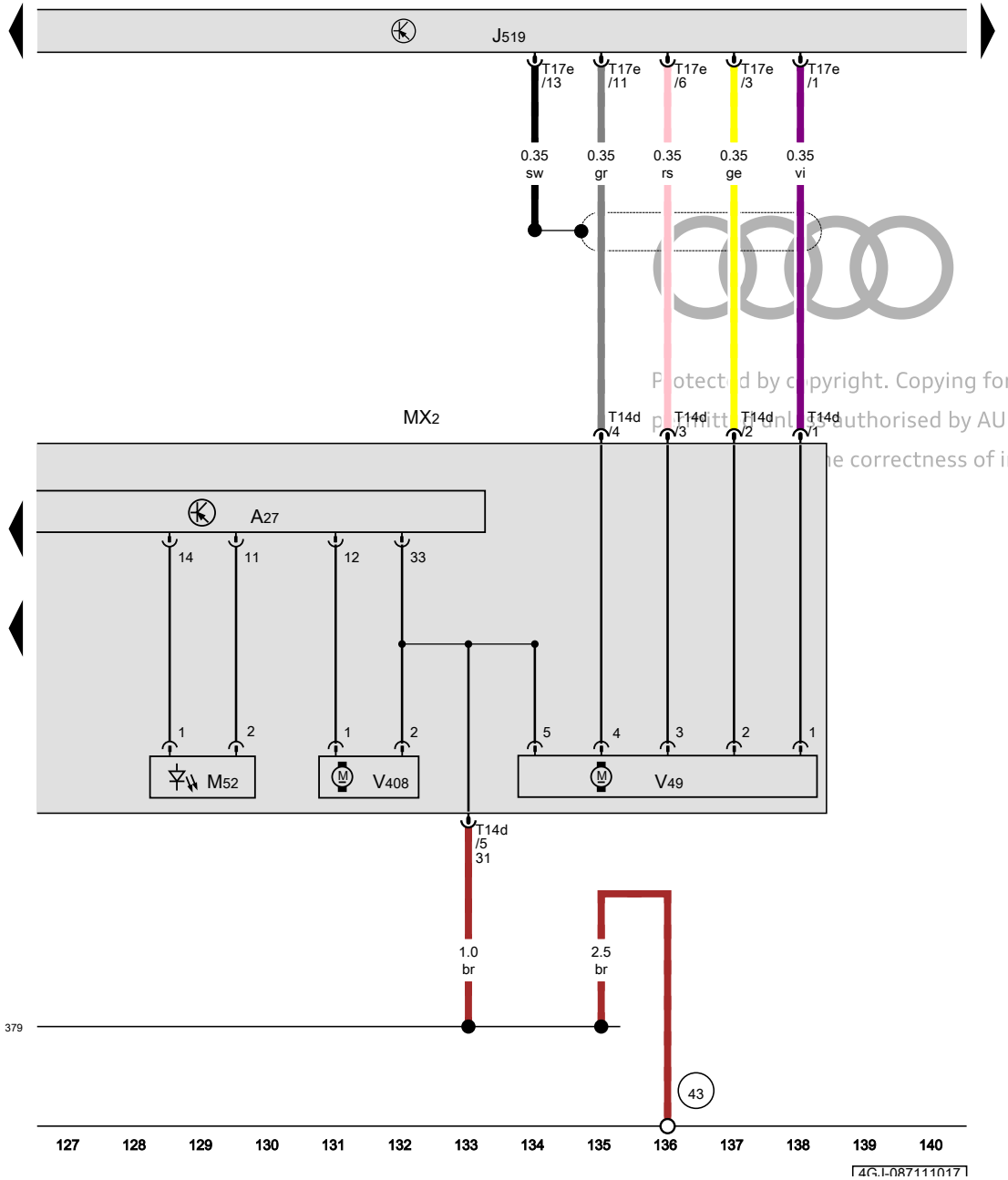


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ro	=	red
rt	=	red
br	=	brown
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

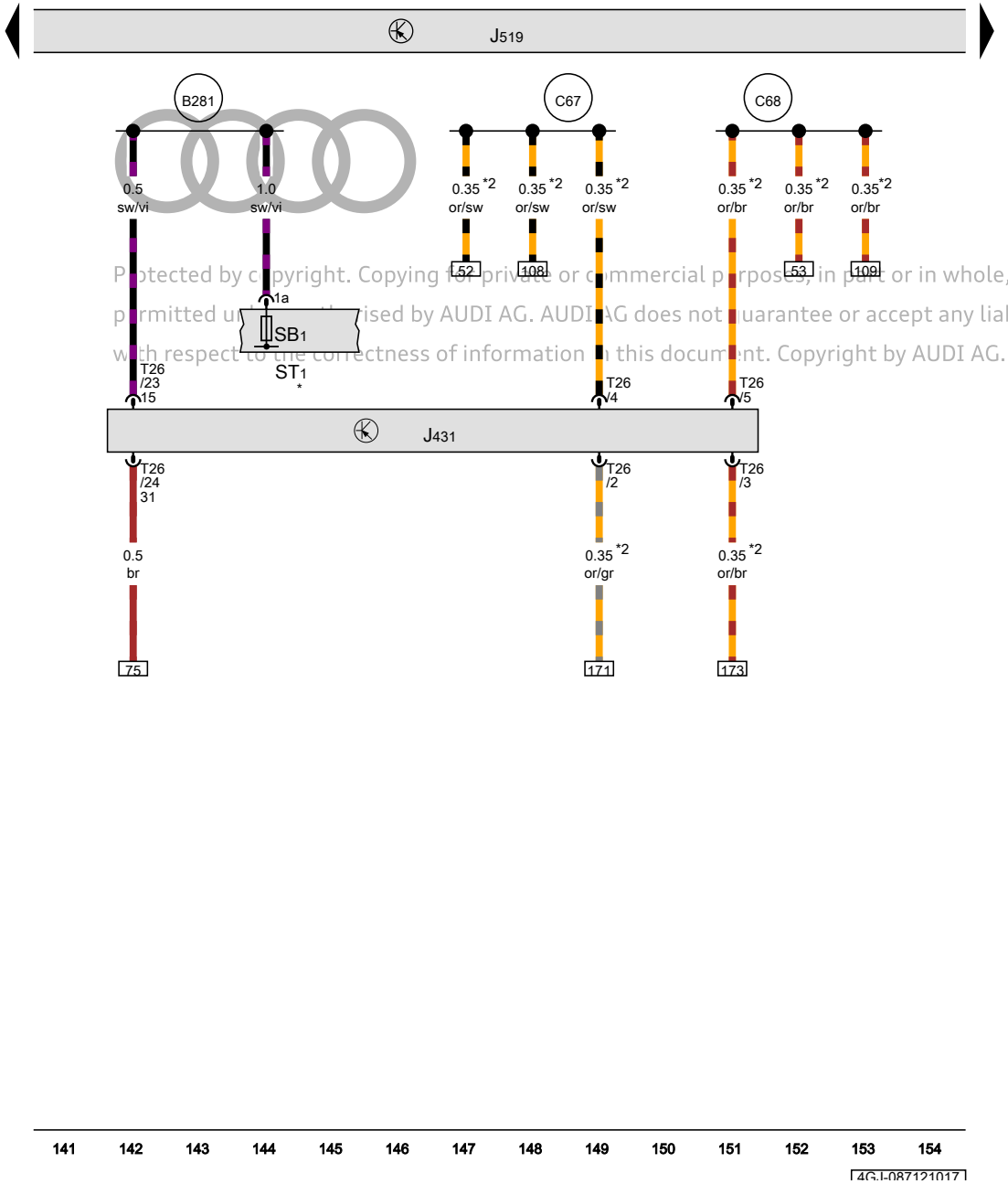
Onboard supply control unit, Front right headlight

A27	Output module 1 for right LED headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M52	Right static cornering light
T14d	14-pin connector, black
T17e	17-pin connector, red
V49	Right headlight range control motor
V408	Right headlight fan
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness



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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

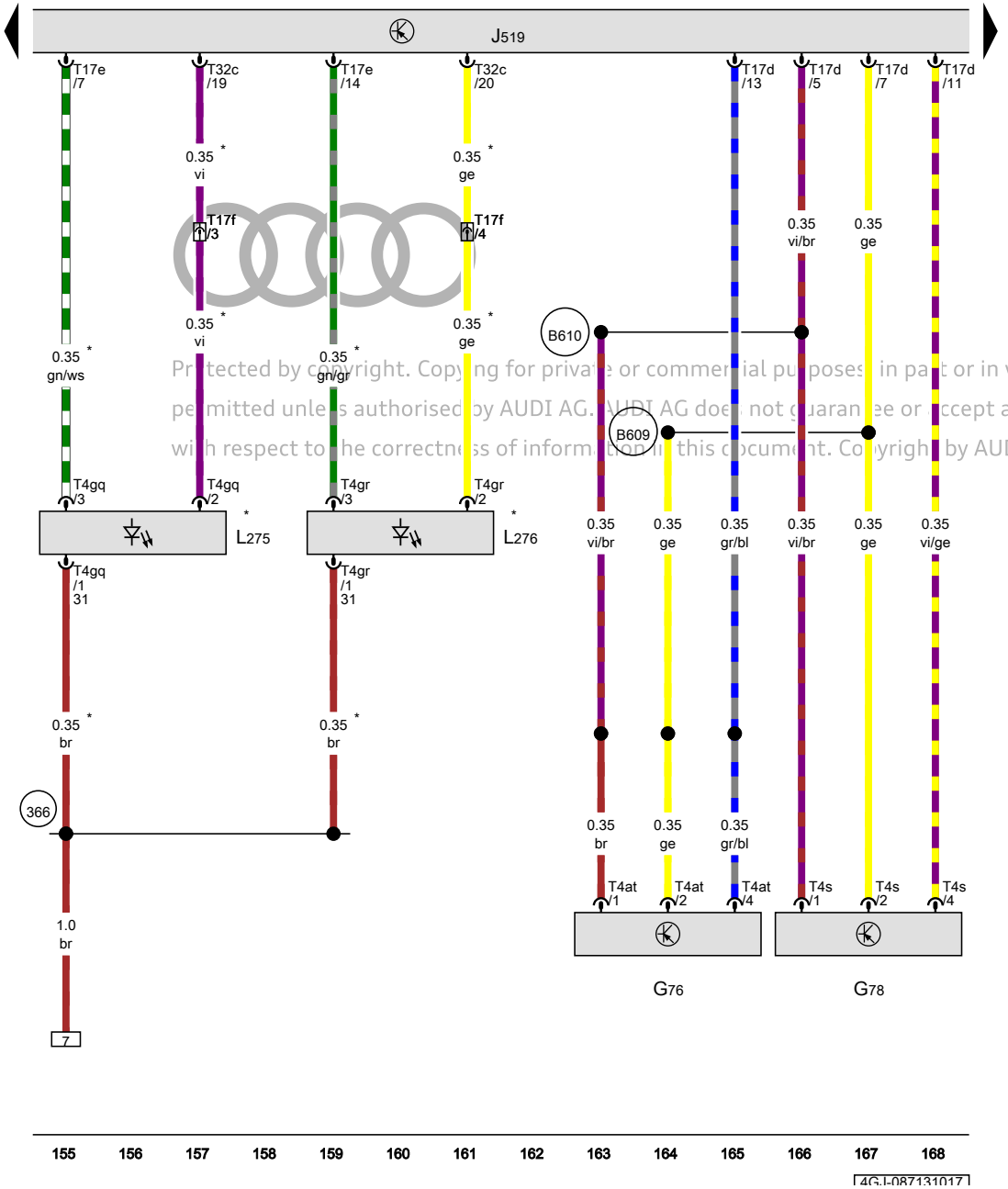


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Headlight range control unit, Onboard supply control unit

J431	Headlight range control unit
J519	Onboard supply control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T26	26-pin connector
B281	Positive connection 5 (15a) in main wiring harness
C67	Connection (CAN bus, high), in headlight wiring harness
C68	Connection (CAN bus, low), in headlight wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

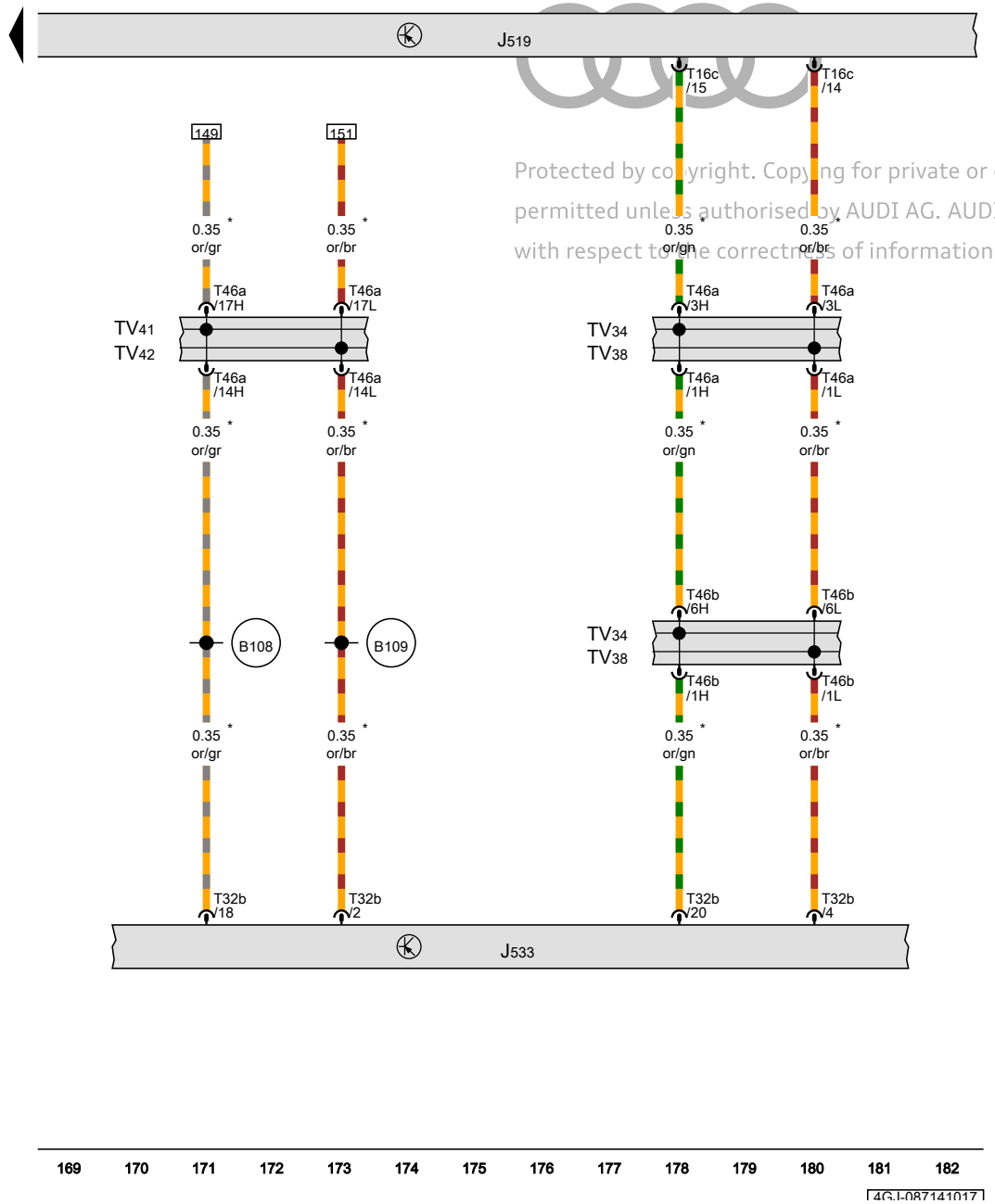


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Rear left vehicle level sender, Front left vehicle level sender, Onboard supply control unit, Light for left signature lighting, Light for right signature lighting

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
L275	Light for left signature lighting
L276	Light for right signature lighting
T4at	4-pin connector
T4gq	4-pin connector, grey
T4gr	4-pin connector, grey
T4s	4-pin connector
T17d	17-pin connector, black
T17e	17-pin connector, red
T17f	17-pin connector, in left A-pillar coupling station, white
T32c	32-pin connector
366	Earth connection 1, in main wiring harness
B609	Connection 5, in interior wiring harness
B610	Connection 6, in interior wiring harness
*	For models with hybrid drive system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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Onboard supply control unit, Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for CAN bus extended high

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector, brown
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	Data bus wire (CAN bus)

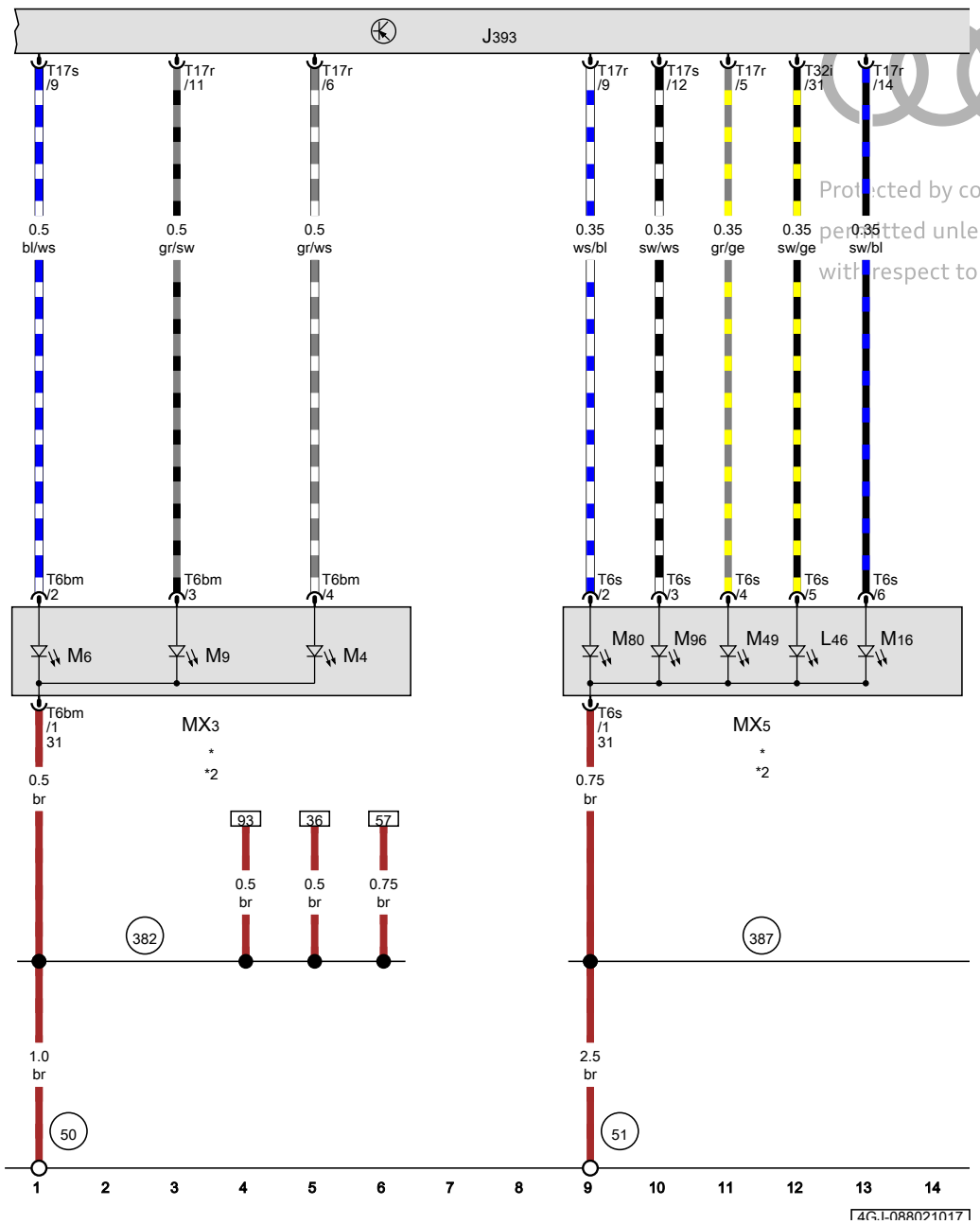
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Tail light cluster with LED , (8SK),(8SL),(8SP)

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Convenience system central control unit, Rear left turn signal bulb, Left brake light bulb

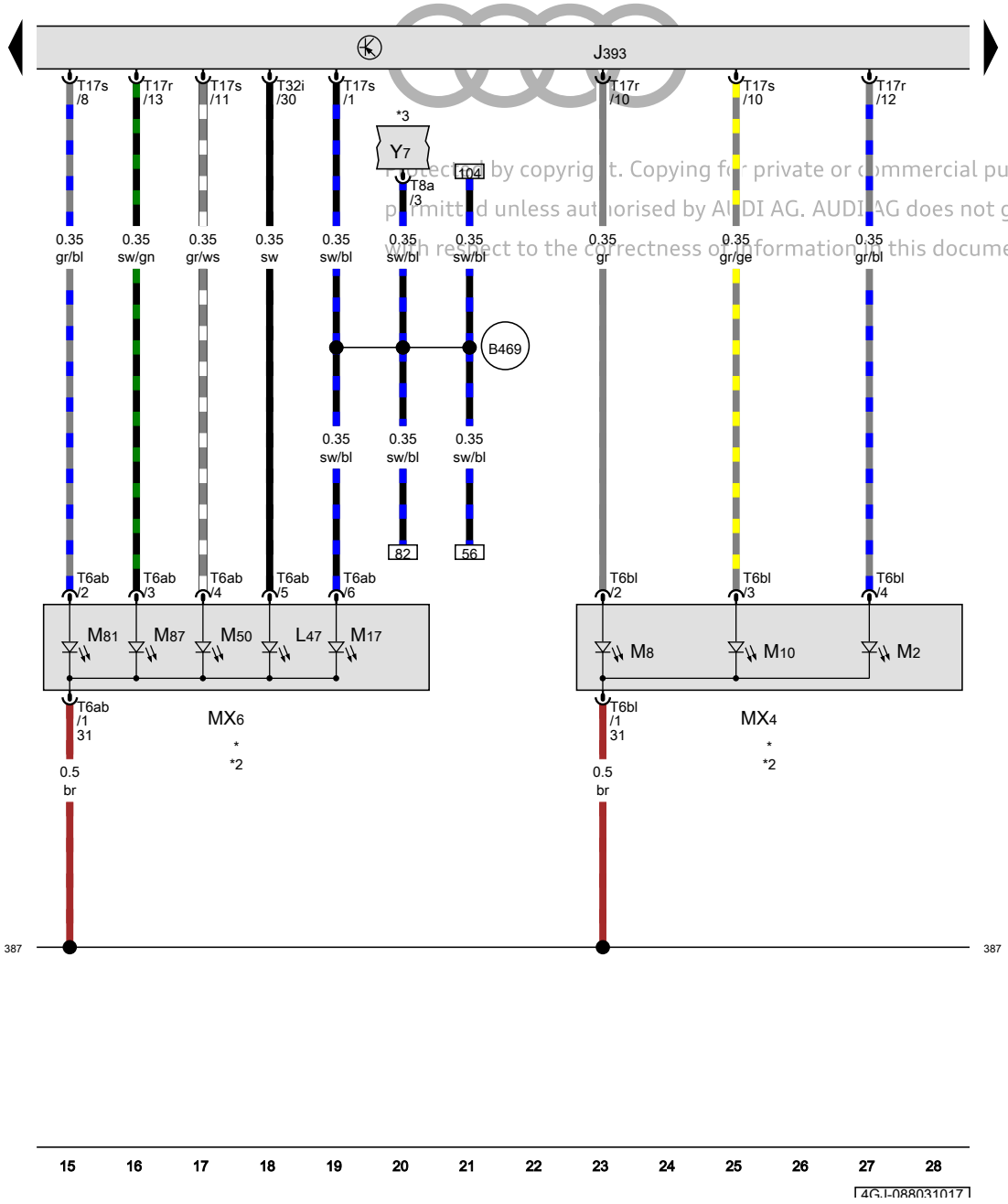


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J393	Convenience system central control unit
L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
MX5	Left tail light 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M96	Left brake and turn signal bulb 4
T6bm	6-pin connector
T6s	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
50	Earth point, on left in luggage compartment
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
387	Earth connection 22, in main wiring harness
*	Saloon
*2	Not for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

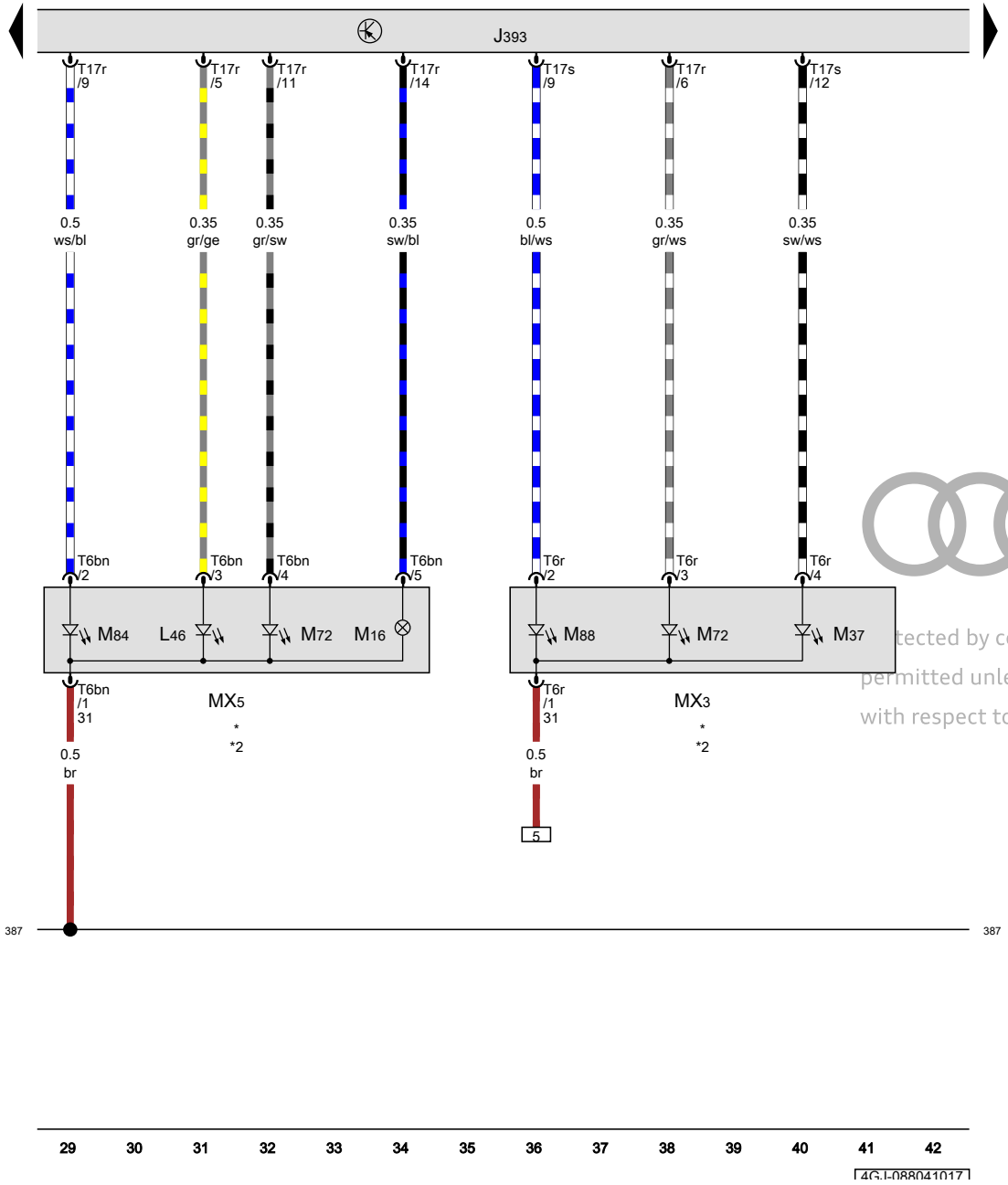
Convenience system central control unit, Right tail light bulb, Rear right turn signal bulb, Right brake light bulb



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J393	Convenience system central control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6ab	6-pin connector
T6bl	6-pin connector
T8a	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
Y7	Automatic anti-dazzle interior mirror
387	Earth connection 22, in main wiring harness
B469	Connection 5, in main wiring harness
*	Saloon
*2	Not for American markets
*3	For models with main beam assist

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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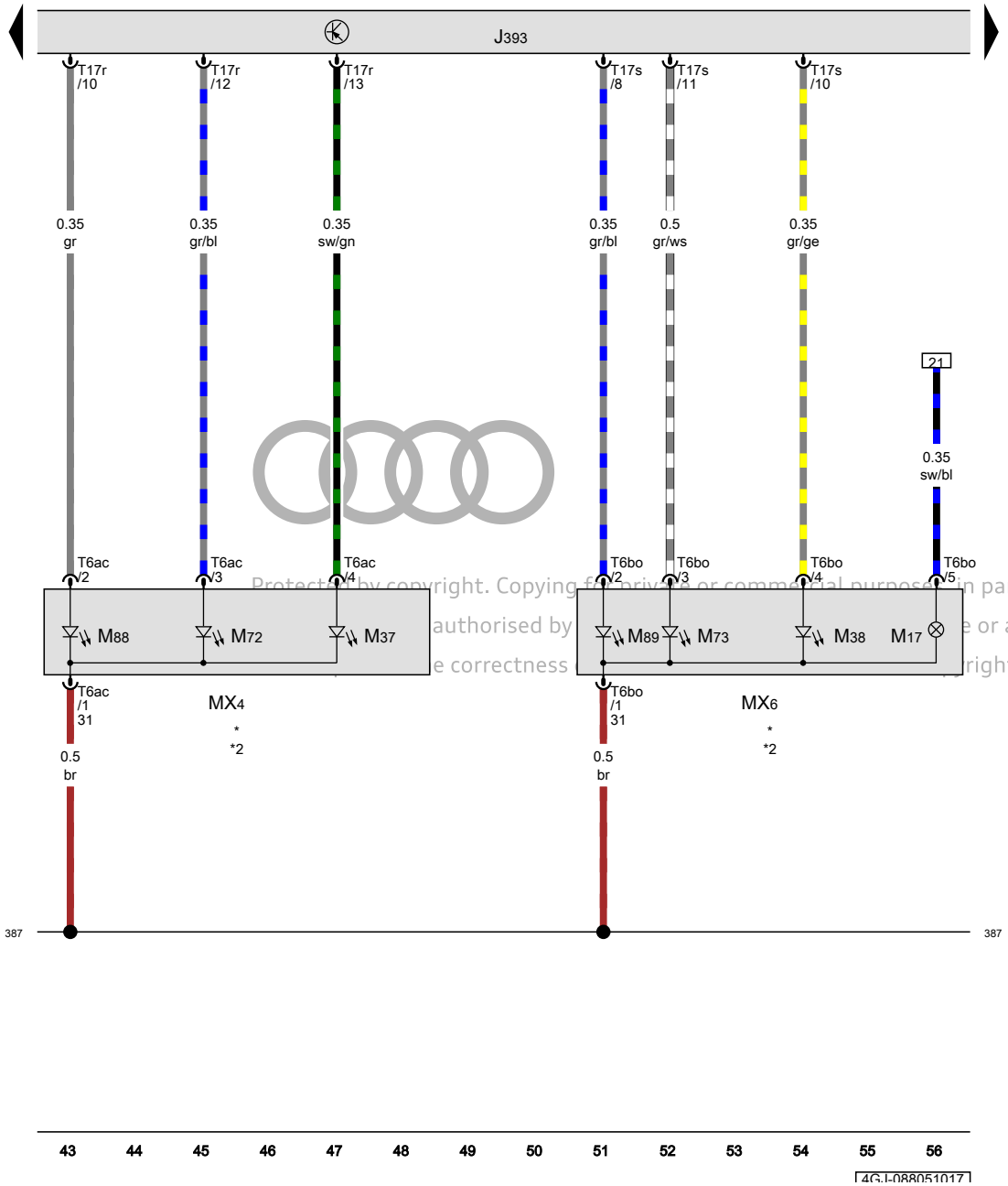


Convenience system central control unit, Left reversing light bulb, Rear left side marker bulb, Bulb 2 for left brake, turn signal and tail light, Left brake and turn signal bulb 2, Left brake and turn signal bulb 3

J393	Convenience system central control unit
L46	Rear left fog light bulb
MX3	Left tail light
MX5	Left tail light 2
M16	Left reversing light bulb
M37	Rear left side marker bulb
M72	Bulb 2 for left brake, turn signal and tail light
M84	Left brake and turn signal bulb 2
M88	Left brake and turn signal bulb 3
T6bn	6-pin connector
T6r	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
387	Earth connection 22, in main wiring harness
*	Saloon
*2	For American markets

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rs	=	pink



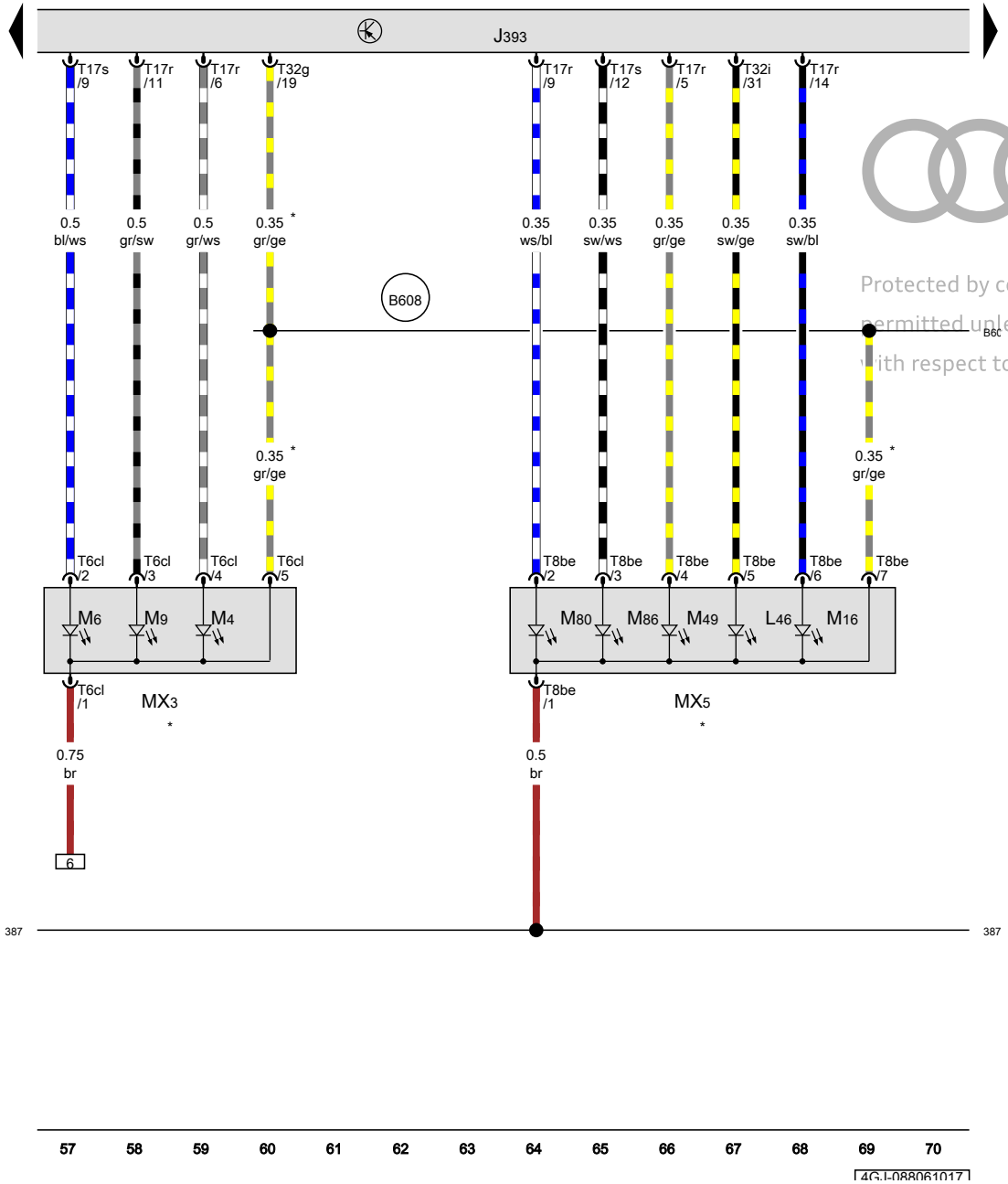
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Convenience system central control unit, Left brake and turn signal bulb 3

J393	Convenience system central control unit
MX4	Right tail light
MX6	Right tail light 2
M17	Right reversing light bulb
M37	Rear left side marker bulb
M38	Rear right side marker bulb
M72	Bulb 2 for left brake, turn signal and tail light
M73	Bulb 2 for right brake, turn signal and tail light
M88	Left brake and turn signal bulb 3
M89	Right brake and turn signal bulb 3
T6ac	6-pin connector
T6bo	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
387	Earth connection 22, in main wiring harness
*	Saloon
*2	For American markets

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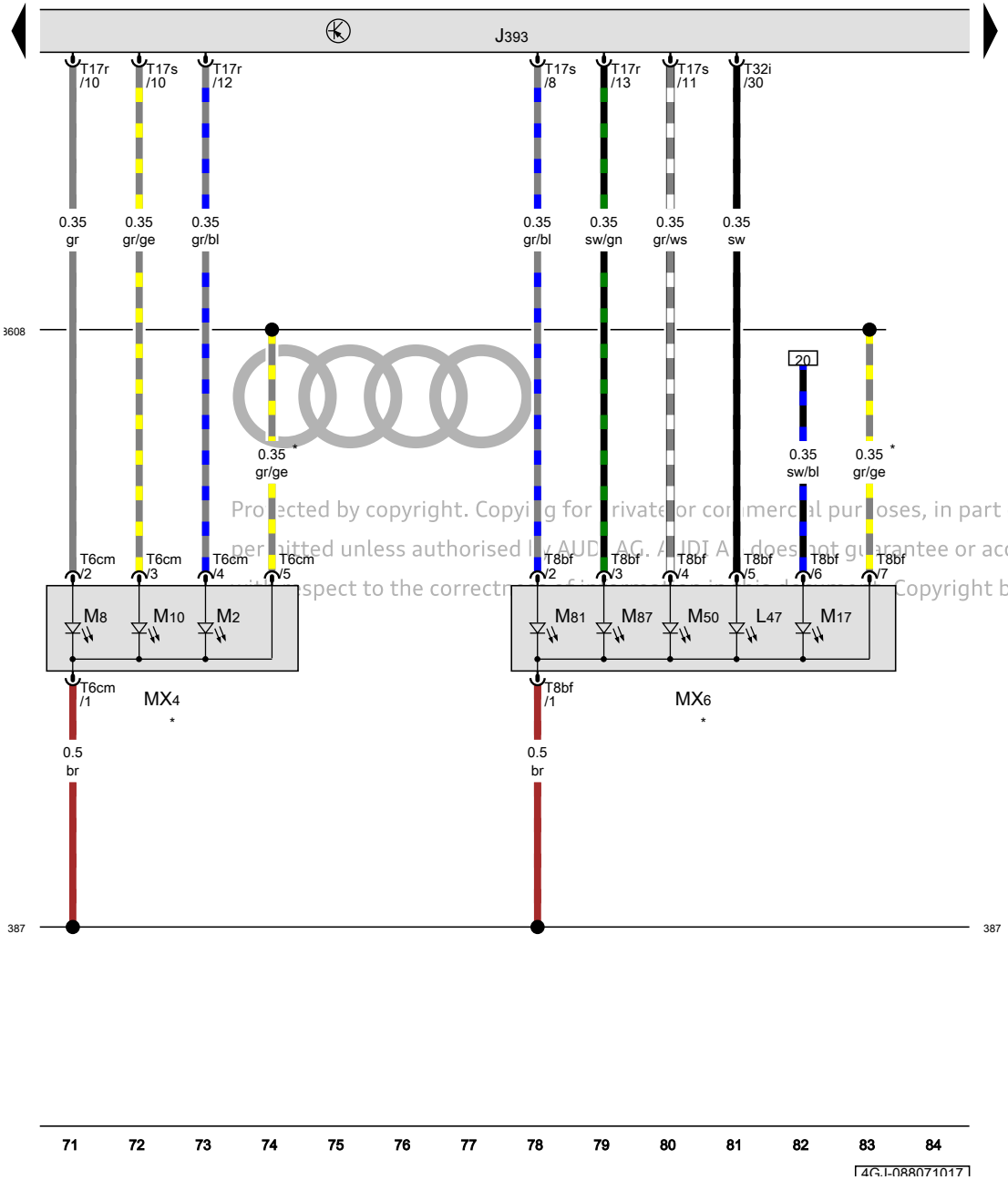
Convenience system central control unit, Left tail light bulb 2, Bulb 2 for rear left turn signal, Left brake light bulb 2



J393	Convenience system central control unit
L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
MX5	Left tail light 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M86	Left brake light bulb 2
T6cl	6-pin connector
T8be	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
B608	Connection 4, in interior wiring harness
*	For models with sequential turn signals

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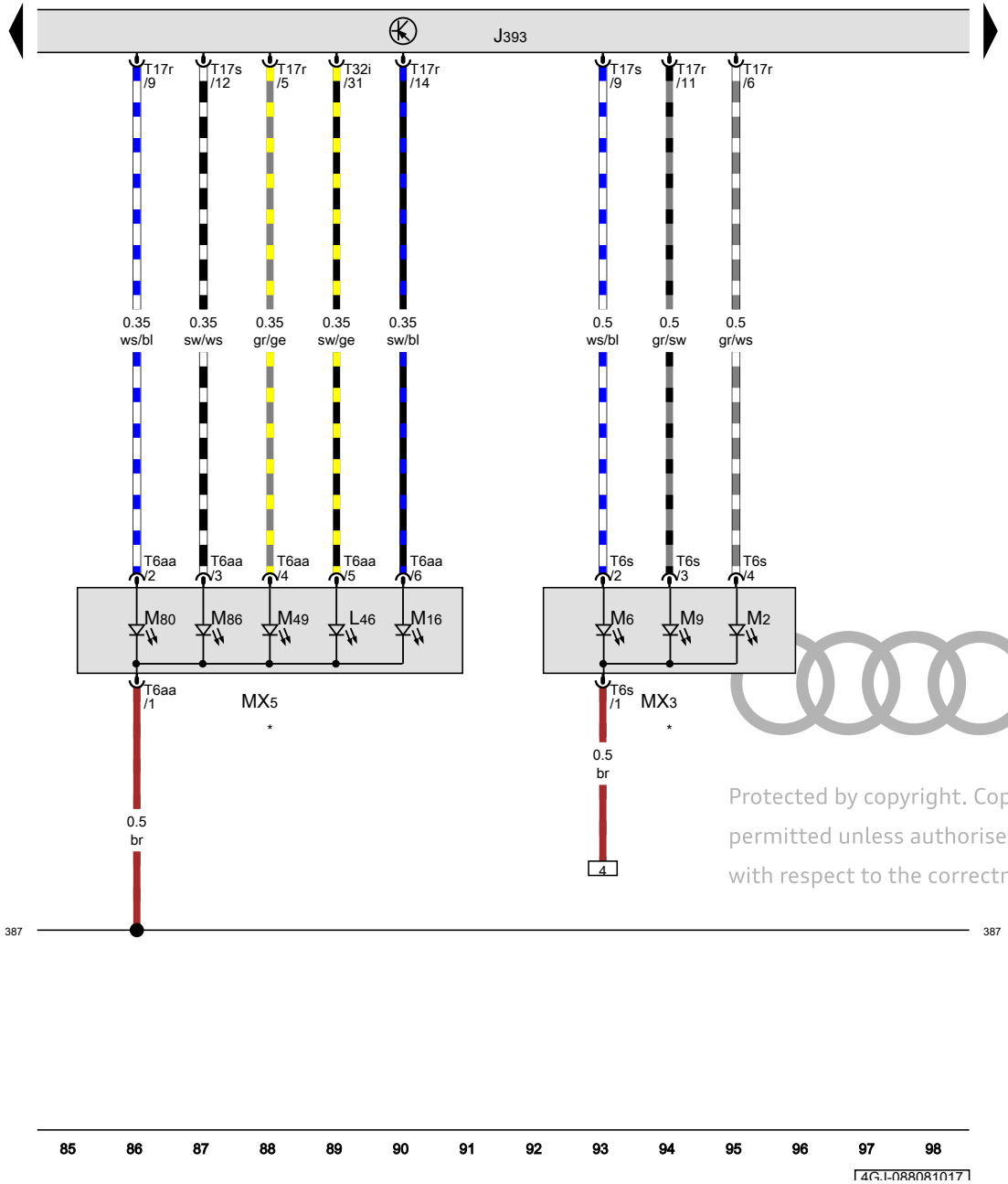


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li = purple
vi = purple
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or = orange
rs = pink

Convenience system central control unit, Right reversing light bulb, Right tail light bulb 2, Bulb 2 for rear right turn signal, Right brake light bulb 2

J393	Convenience system central control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6cm	6-pin connector
T8bf	8-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
B608	Connection 4, in interior wiring harness
*	For models with sequential turn signals



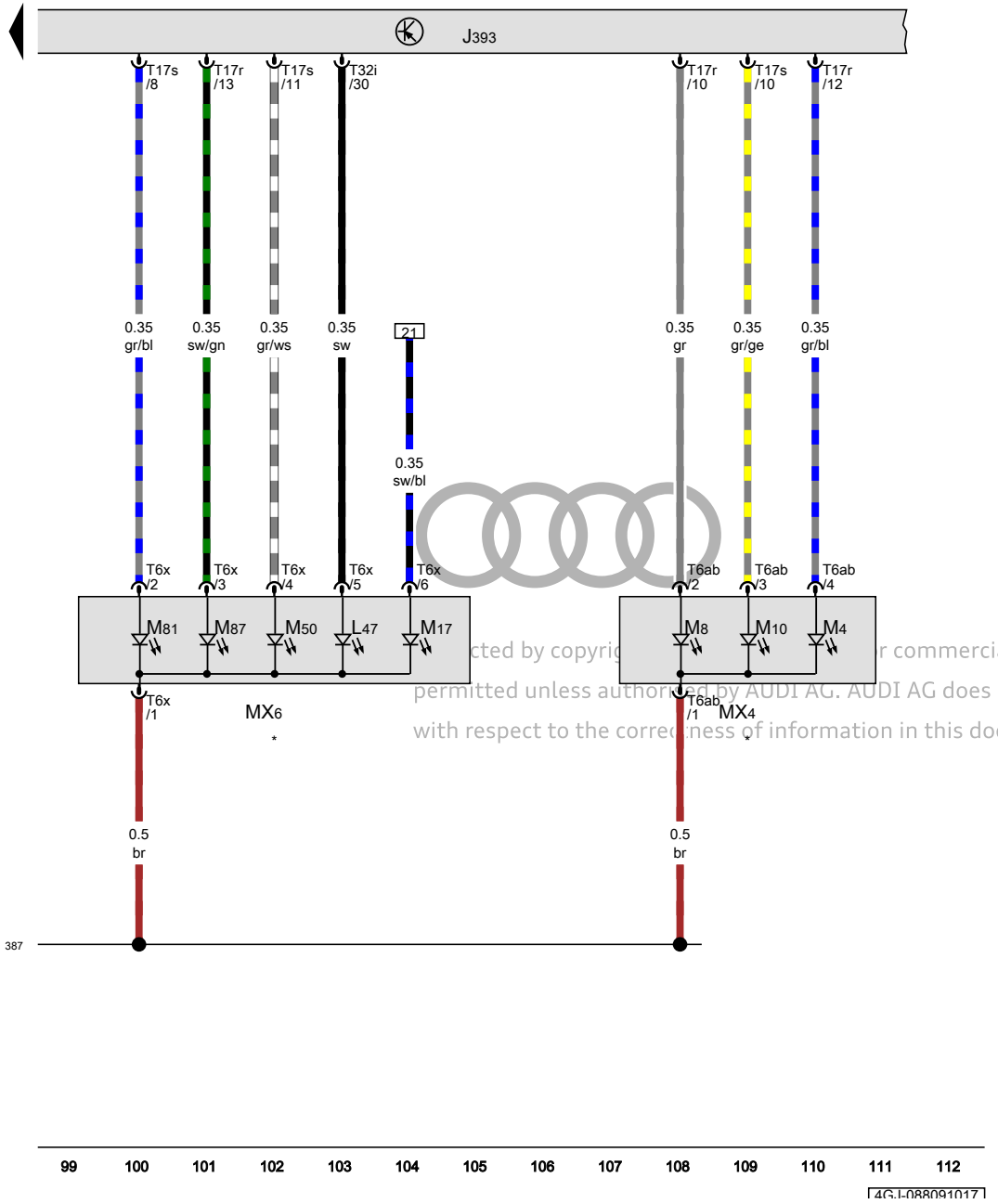
Convenience system central control unit, Left brake light bulb, Left brake light bulb 2

J393	Convenience system central control unit
L46	Rear left fog light bulb
M2	Right tail light bulb
MX3	Left tail light
MX5	Left tail light 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
M86	Left brake light bulb 2
T6aa	6-pin connector
T6s	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Avant

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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Convenience system central control unit, Rear right fog light bulb, Rear right turn signal bulb, Bulb 2 for rear right turn signal



J393	Convenience system central control unit
L47	Rear right fog light bulb
M4	Left tail light bulb
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M50	Right tail light bulb 2
M81	Bulb 2 for rear right turn signal
M87	Right brake light bulb 2
T6ab	6-pin connector
T6x	6-pin connector
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
387	Earth connection 22, in main wiring harness
*	Avant

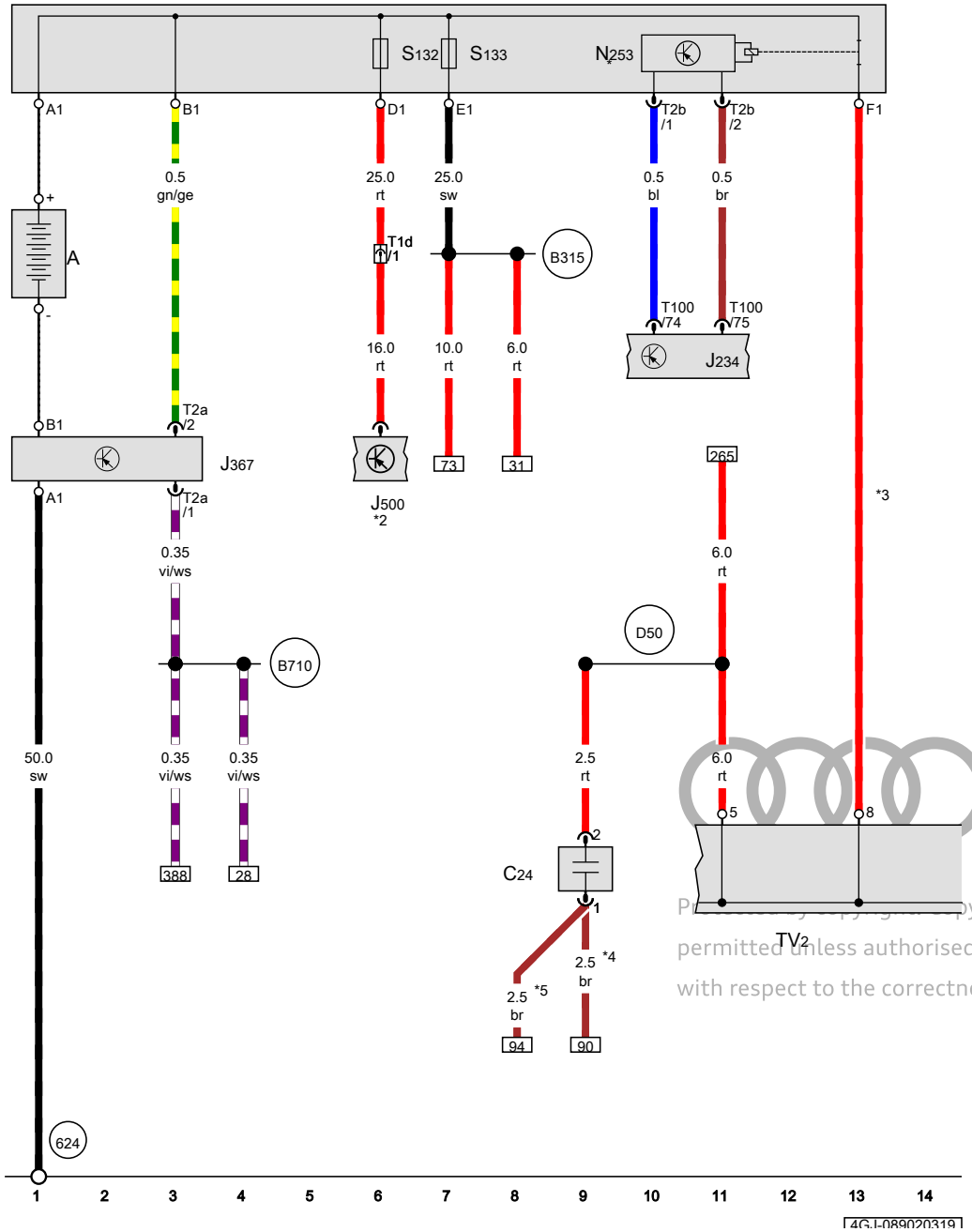
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3.0l petrol engine , CREC,CREH,CTDB

From September 2014

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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

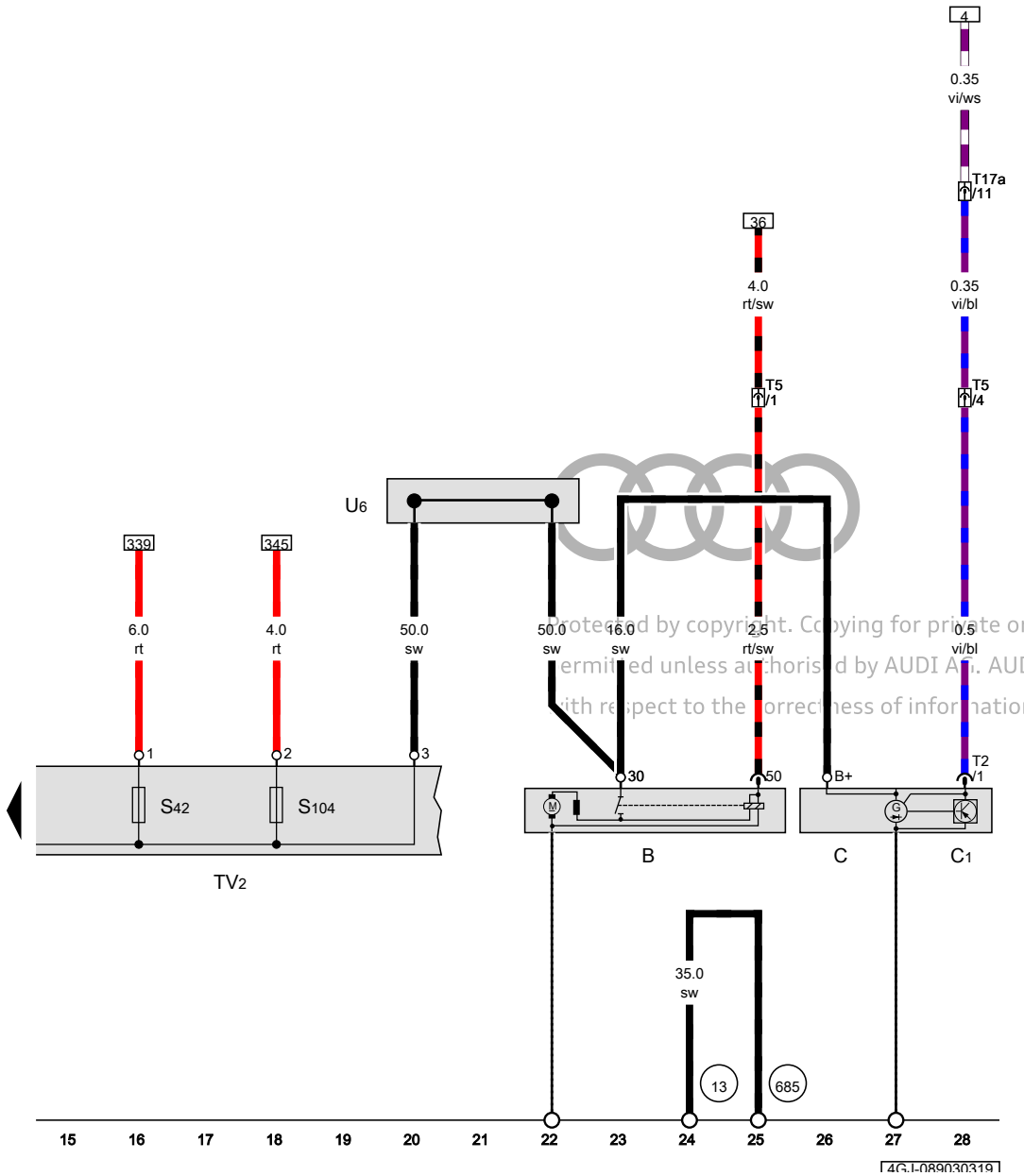
A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram
*3	Flat conductor
*4	Gradually discontinued
*5	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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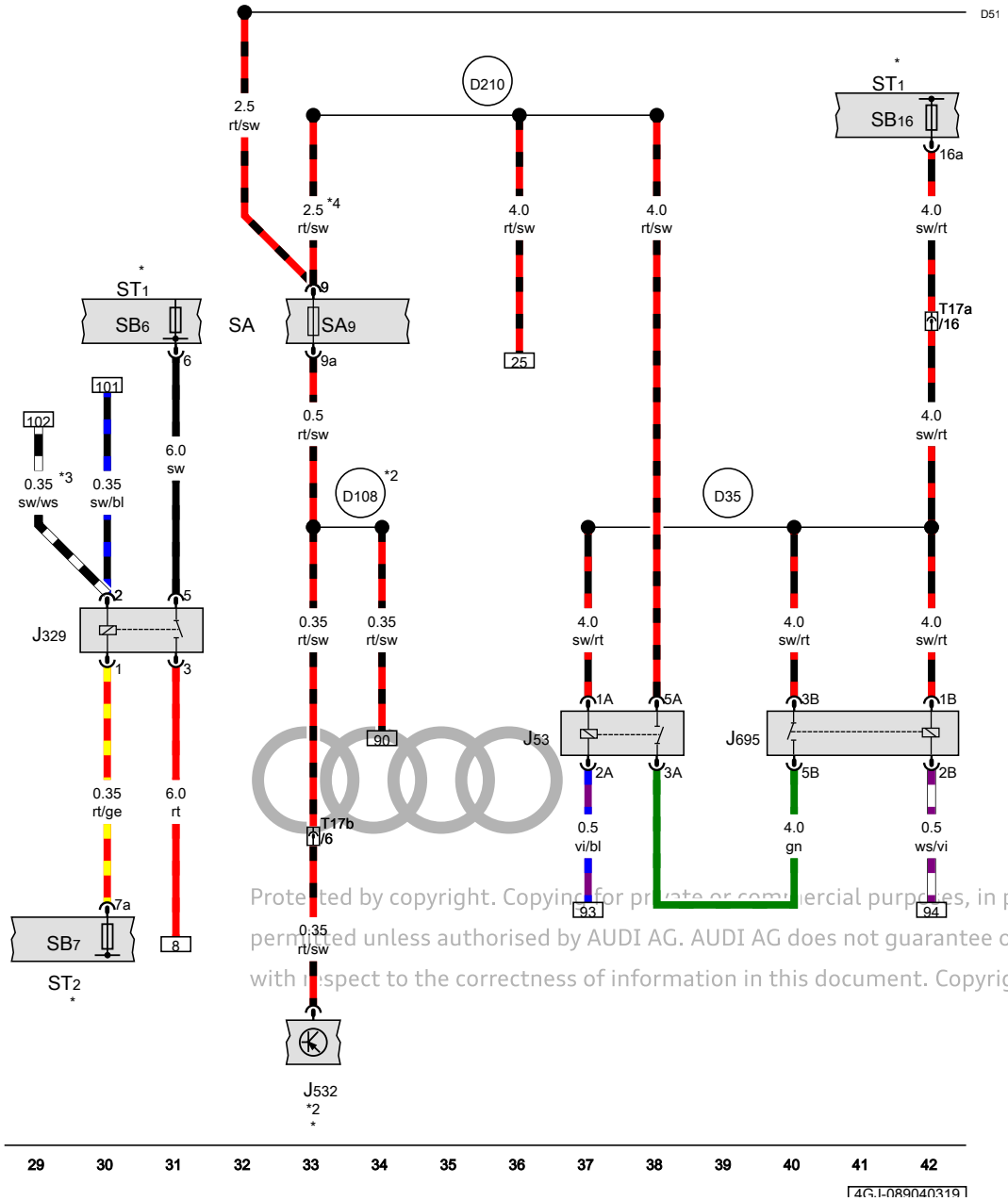
Starter, Alternator, Radiator fan single fuse, Radiator fan fuse for 2nd speed, Terminal 30 wiring junction, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber, black
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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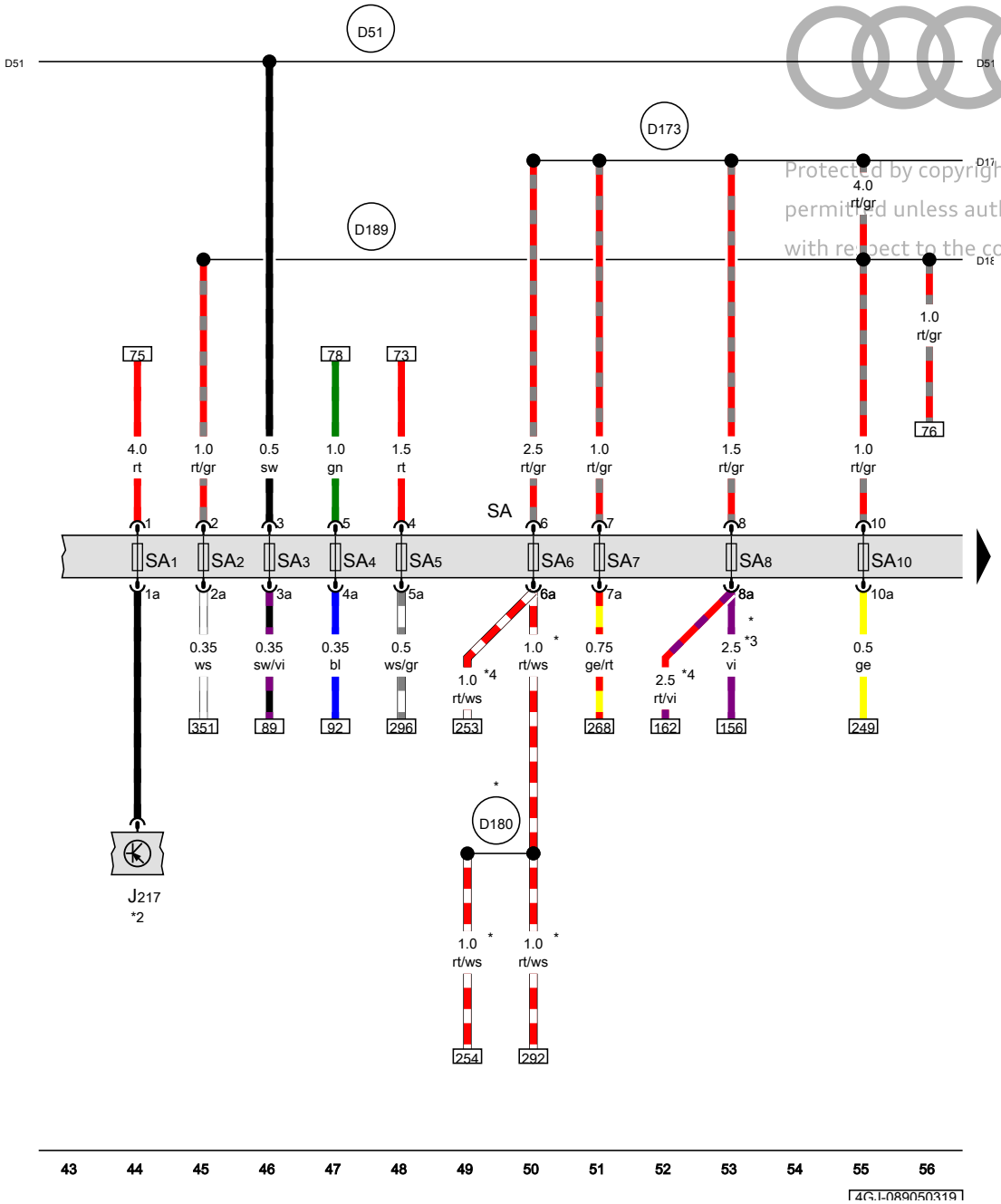


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J532	Voltage stabiliser
J695	Starter motor relay 2
SA	Fuse holder A
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SA9	Fuse 9 on fuse holder A
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D35	Positive connection 1 (15a) in engine prewiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with start/stop system
*3	For right-hand drive models
*4	From June 2015

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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rs	=	pink

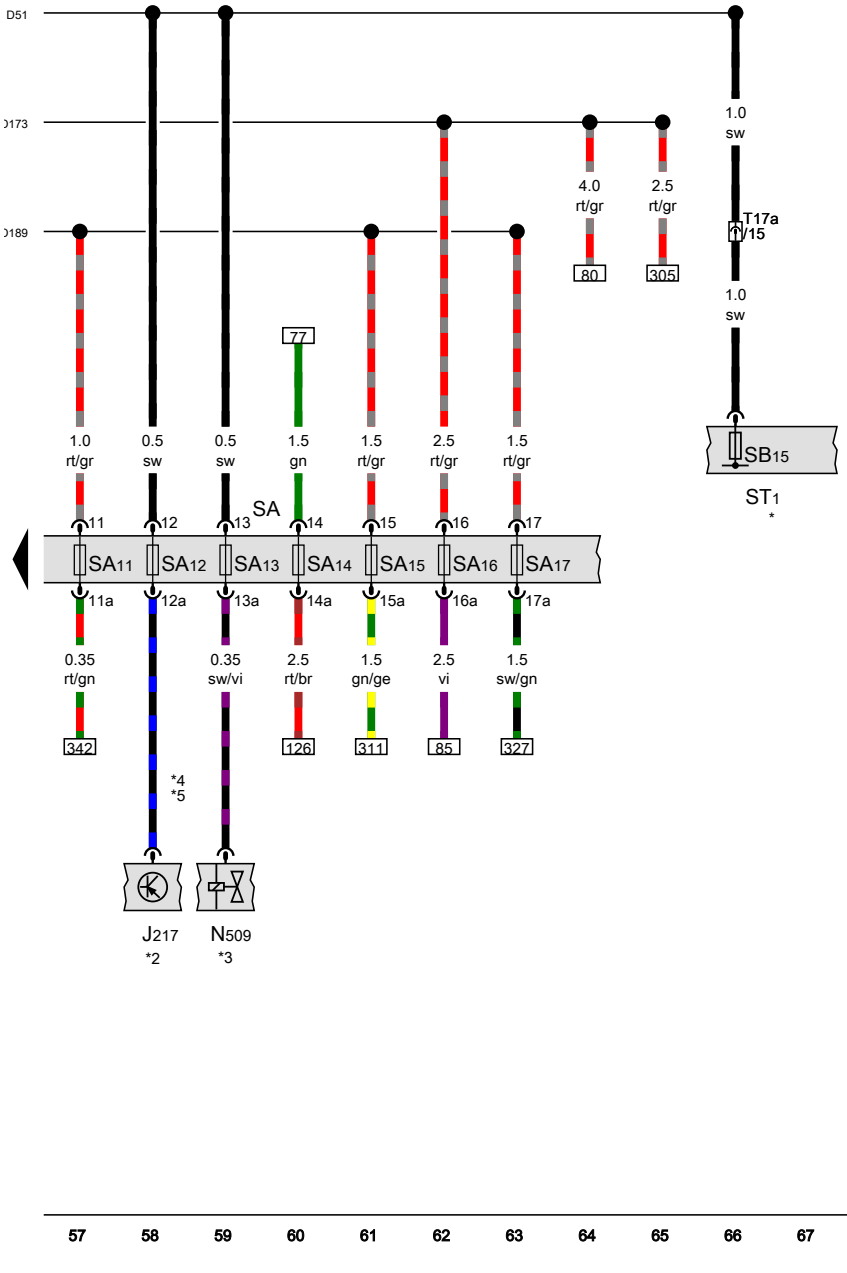


Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA10	Fuse 10 on fuse holder A
D51	Positive connection 1 (15), in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	Gradually discontinued
*2	see applicable current flow diagram for automatic gearbox
*3	Wiring colour depends on equipment
*4	gradual introduction

ws	=	white
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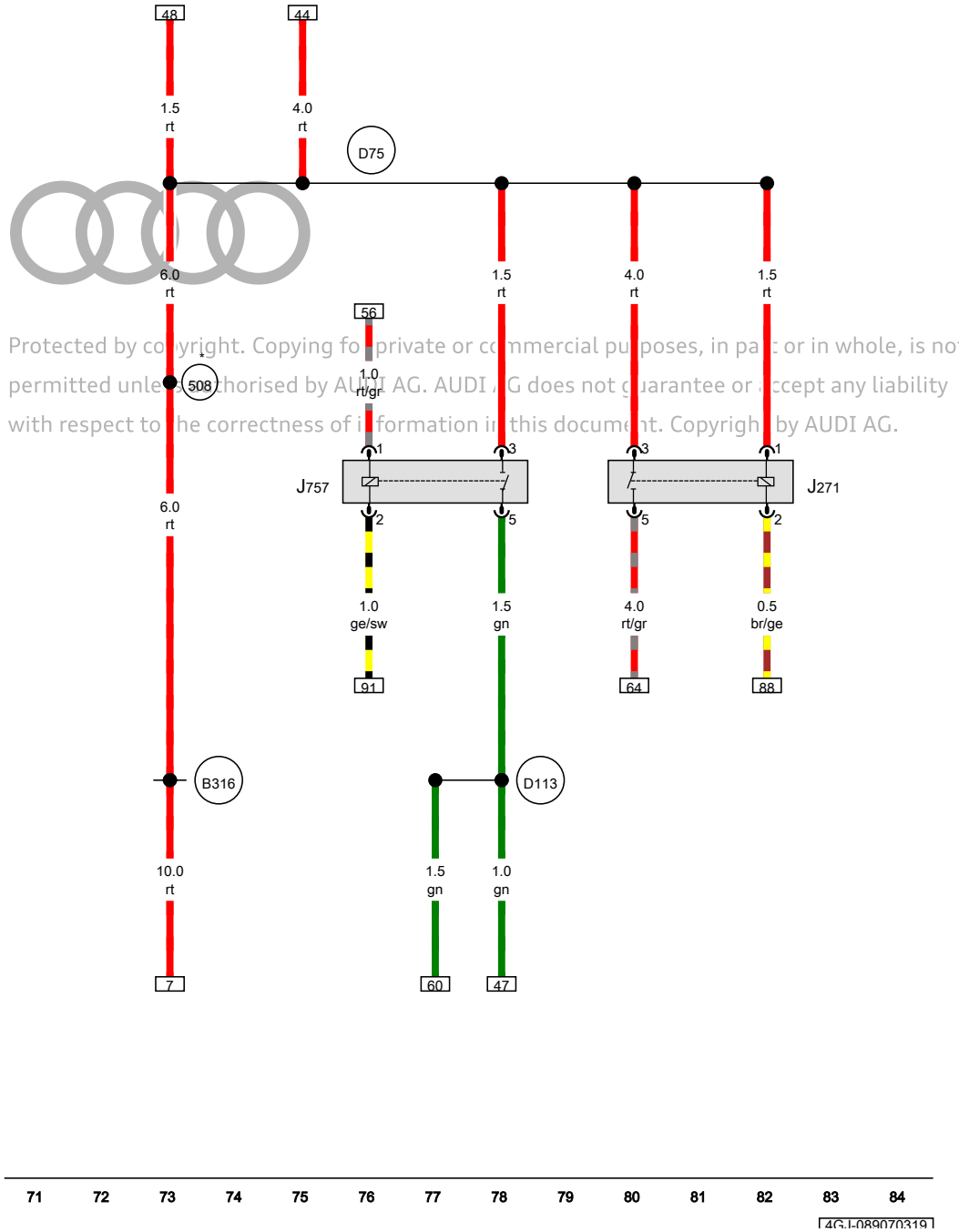


Fuse holder A

J217	Automatic gearbox control unit
N509	Gearbox oil cooling valve
SA	Fuse holder A
ST1	Fuse carrier 1
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SB15	Fuse 15 on fuse holder B
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D51	Positive connection 1 (15), in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for automatic gearbox
*3	see applicable current flow diagram for gearbox
*4	Cross section depends on equipment
*5	Wiring colour depends on equipment

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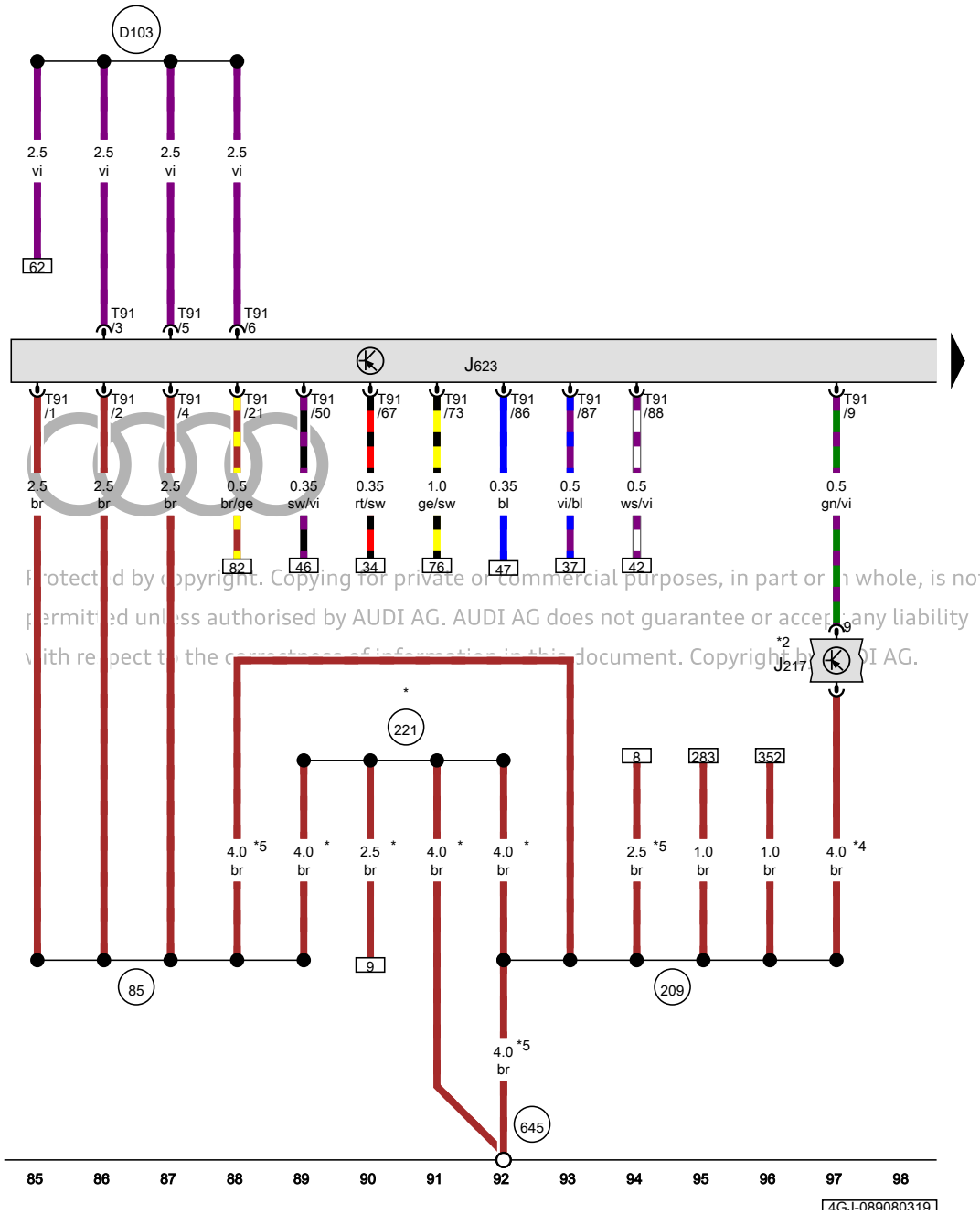


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Main relay, Engine component current supply relay

J271	Main relay
J757	Engine component current supply relay
508	Threaded connection (30) on E-box
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	Threaded connection, in E-box in plenum chamber

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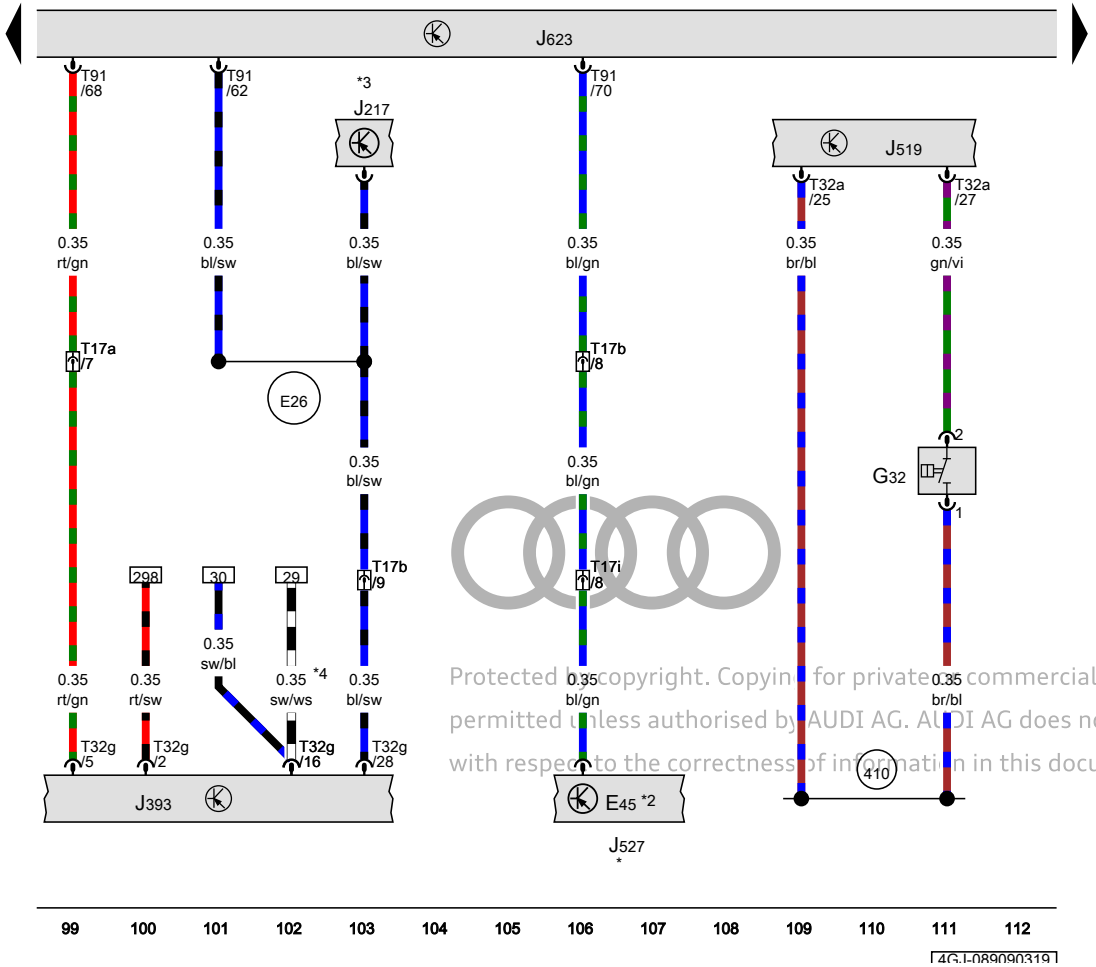
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Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T91	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness
*	Gradually discontinued
*2	see applicable current flow diagram for automatic gearbox
*3	From June 2011
*4	Cross section depends on equipment
*5	gradual introduction

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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit



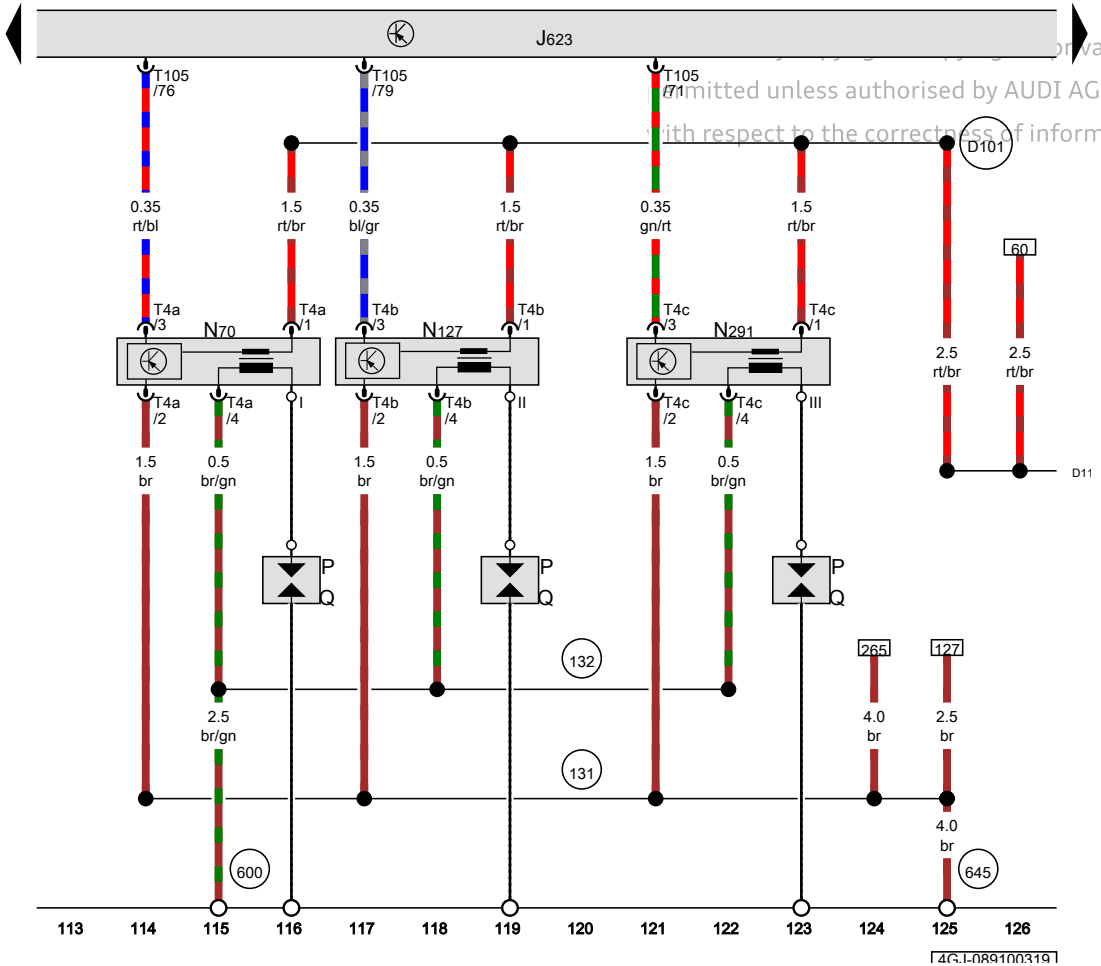
E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for multifunction steering wheel
*2	For models with cruise control system (CCS)
*3	see applicable current flow diagram for automatic gearbox
*4	For right-hand drive models

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Engine/motor control unit, Ignition coil 1 with output stage, Spark plug connector

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T105	105-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
600	Earth point, on right cylinder head
645	Earth point 1, on bulkhead
D101	Connection 1 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness



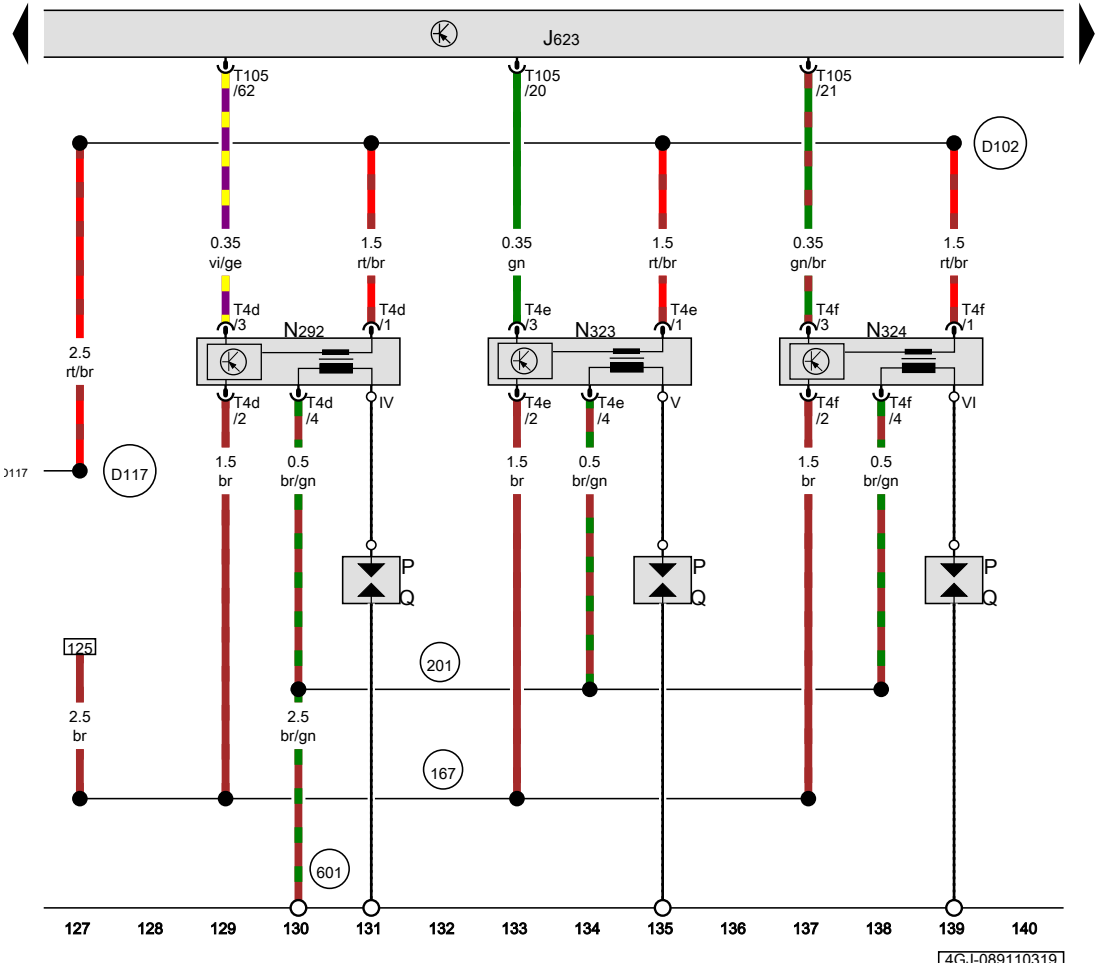
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Engine/motor control unit, Ignition coil 4 with output stage, Spark plug connector

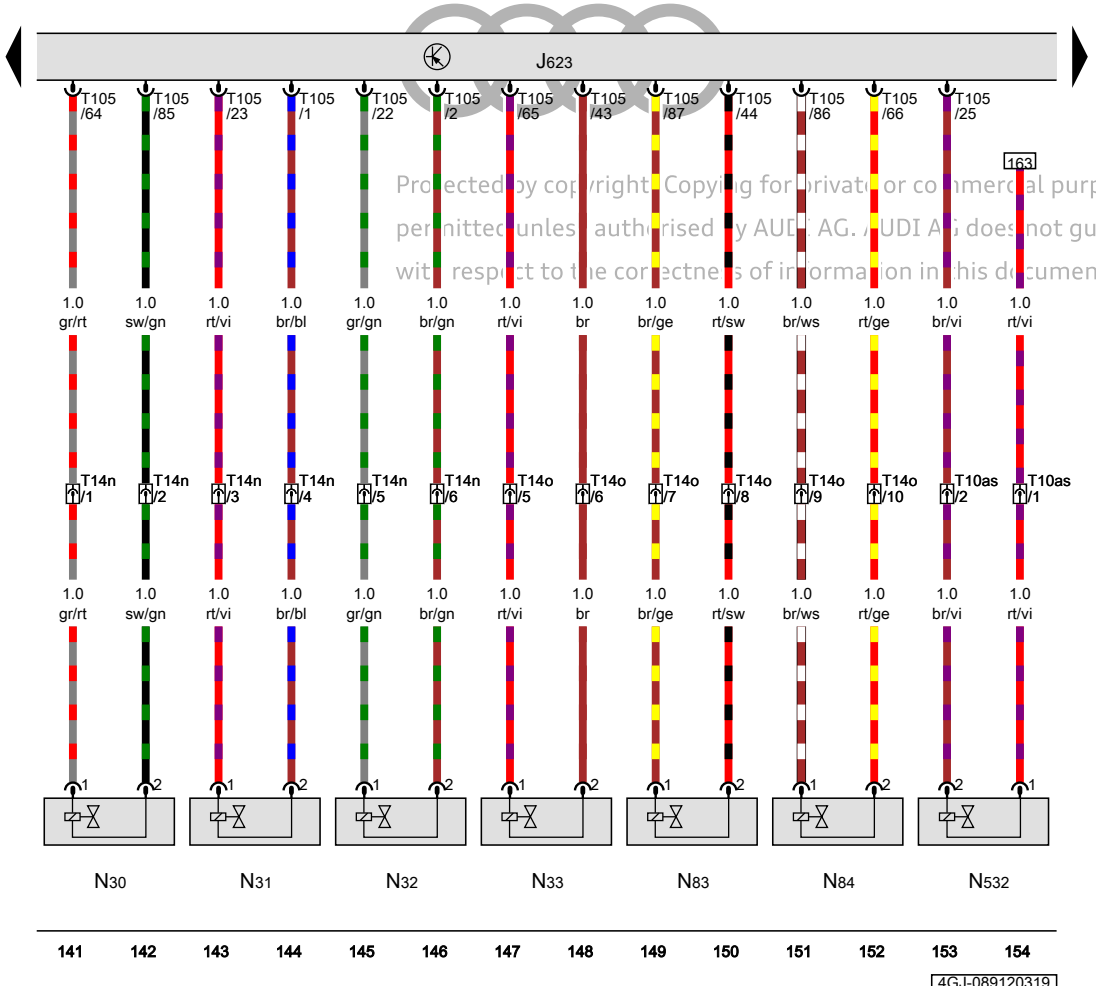
J623	Engine/motor control unit
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
P	Spark plug connector
Q	Spark plugs
T4d	4-pin connector, black
T4e	4-pin connector, black
T4f	4-pin connector, black
T105	105-pin connector, black
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
601	Earth point, on left cylinder head
D102	Connection 2 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness



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or	=	orange
rs	=	pink

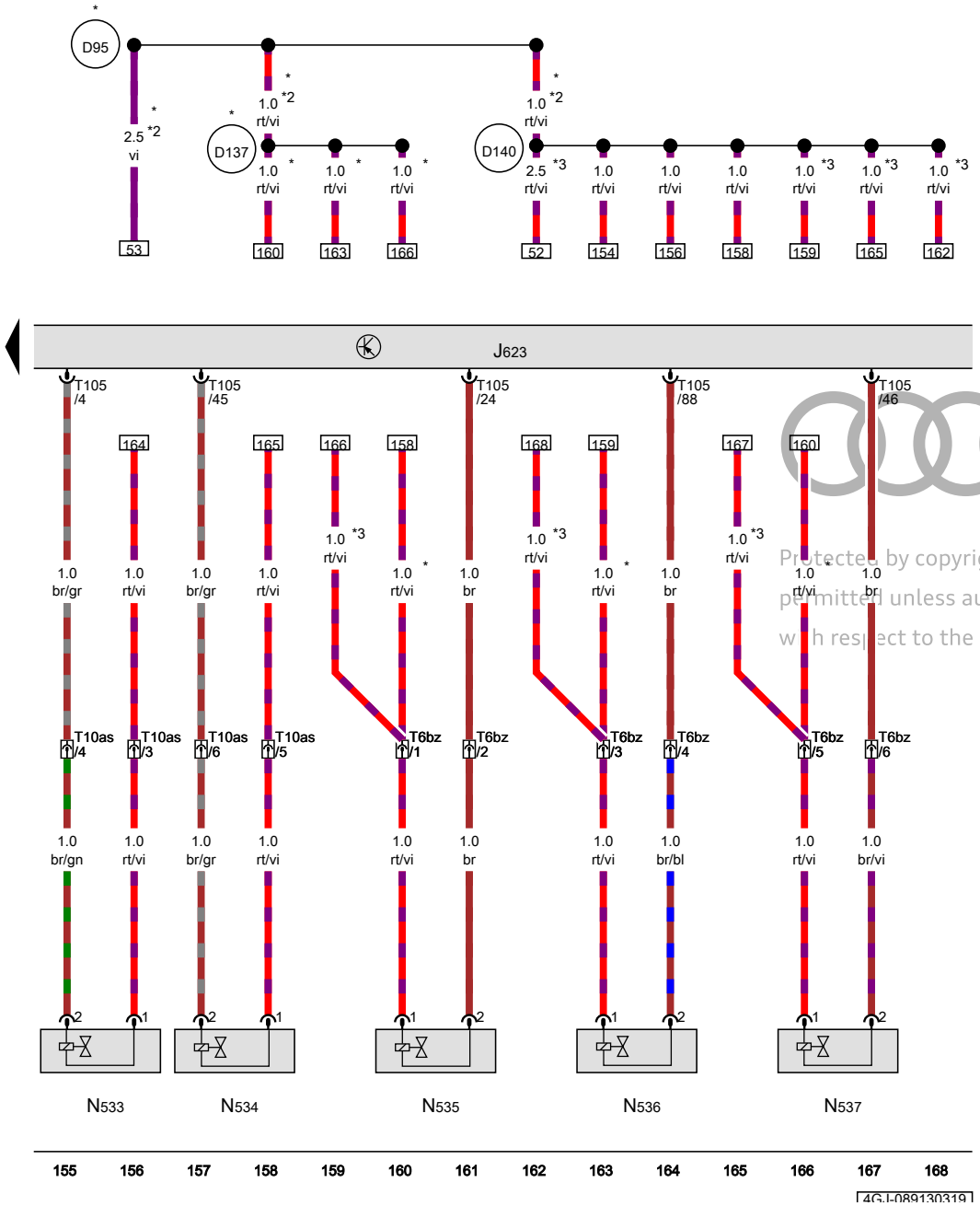
Engine/motor control unit, Injector 2, cylinder 1

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N532	Injector 2, cylinder 1
T10as	10-pin connector, in middle of engine compartment, black
T14n	14-pin connector, on right in engine compartment, brown
T14o	14-pin connector, on left in engine compartment, black
T105	105-pin connector, black



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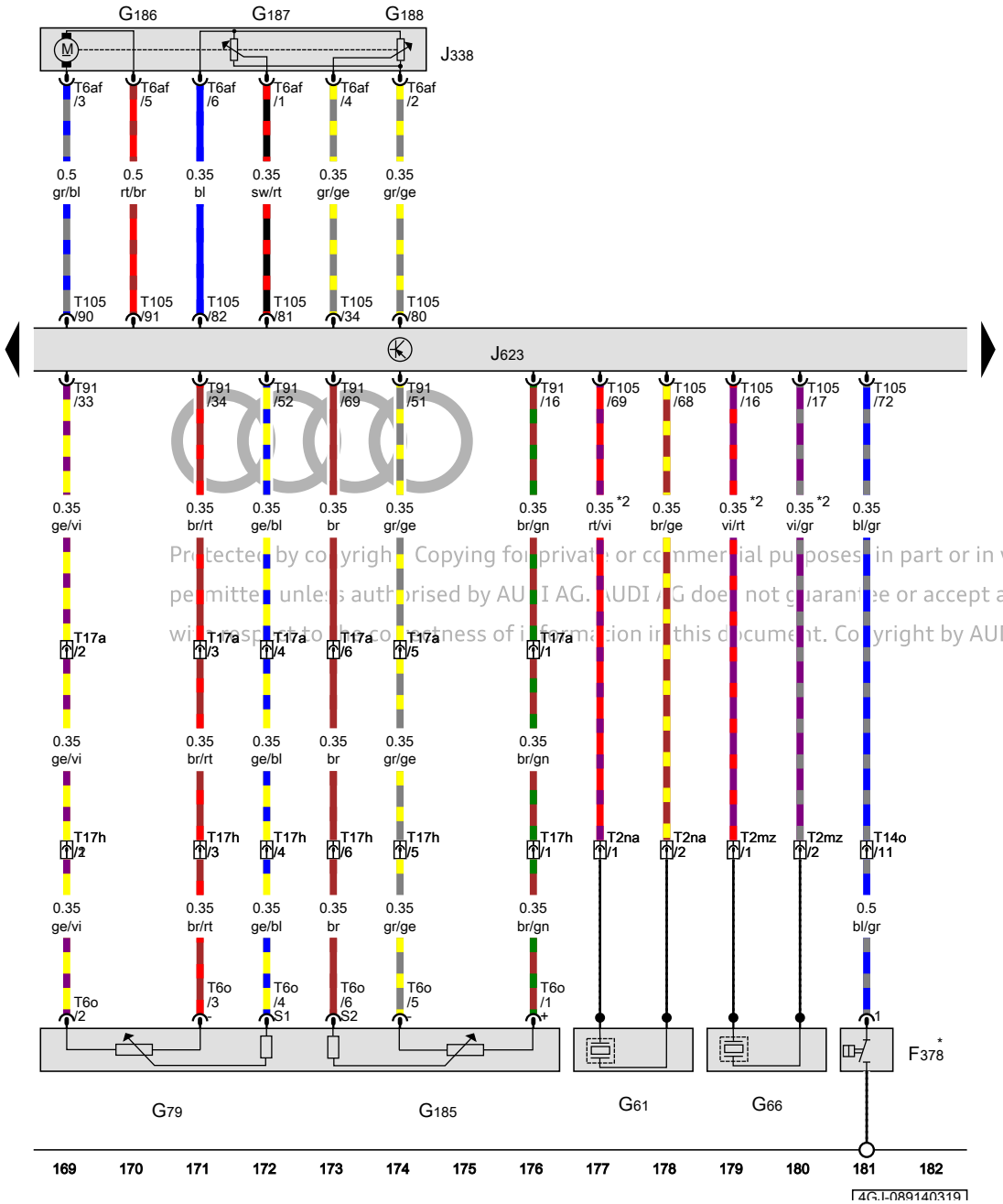


Engine/motor control unit

J623	Engine/motor control unit
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
N536	Injector 2, cylinder 5
N537	Injector 2, cylinder 6
T6bz	6-pin connector, in rear of engine compartment, black
T10as	10-pin connector, in middle of engine compartment, black
T105	105-pin connector, black
D95	Connection (injectors), in engine compartment wiring harness
D137	Connection 2 (injectors), in engine compartment wiring harness
D140	Connection (injectors), in engine prewiring harness
*	Gradually discontinued
*2	Wiring colour depends on equipment
*3	gradual introduction

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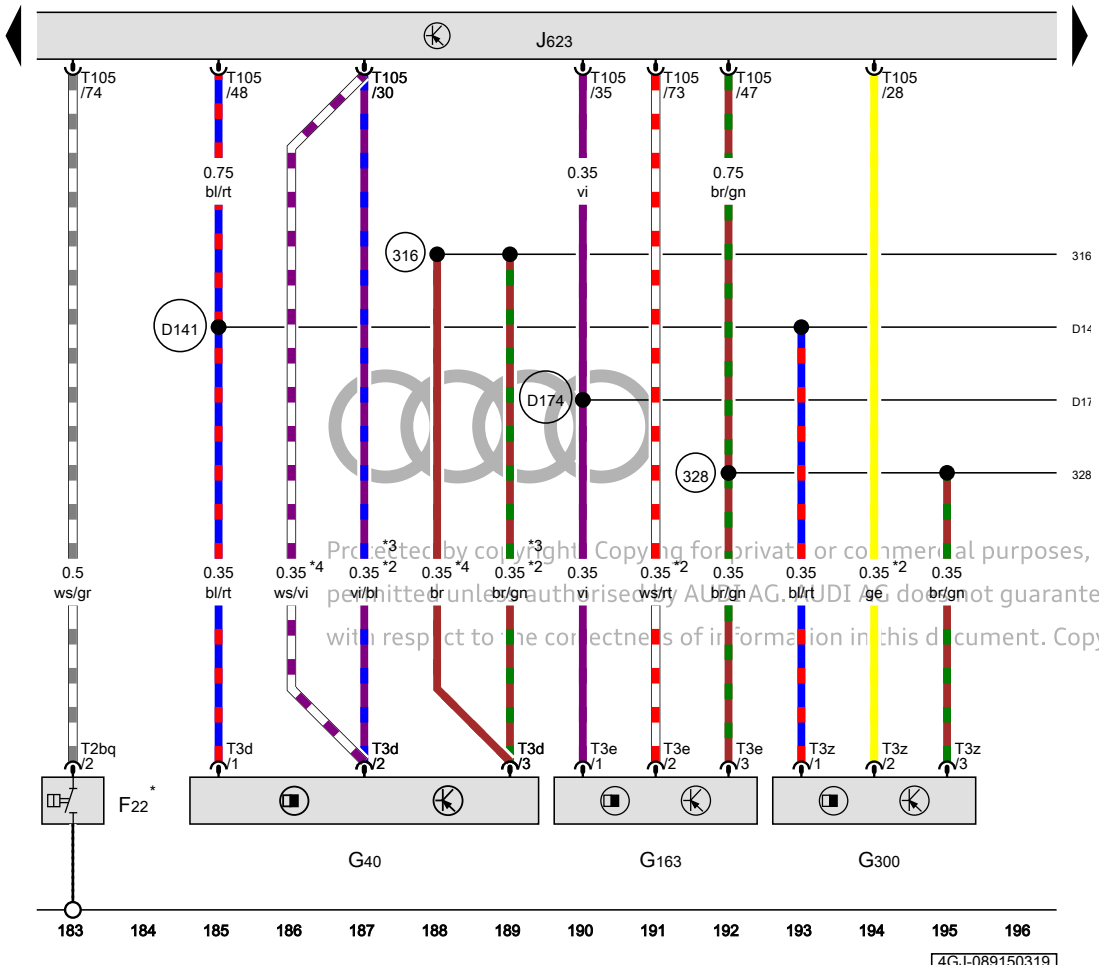
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Oil pressure switch for reduced oil pressure, Knock sensor 1, Knock sensor 2, Accelerator position sender, Throttle valve module, Engine/motor control unit

F378	Oil pressure switch for reduced oil pressure
G61	Knock sensor 1
G66	Knock sensor 2
G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T2mz	2-pin connector, on knock sensor 2, yellow
T2na	2-pin connector, on knock sensor 1, brown, colourless
T6af	6-pin connector, black
T6o	6-pin connector
T14o	14-pin connector, on left in engine compartment, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black
*	0.9 bar
*2	Wiring colour depends on equipment

Oil pressure switch, Hall sender, Hall sender 3, Engine/ motor control unit

F22	Oil pressure switch
G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
J623	Engine/motor control unit
T2bq	2-pin connector
T3d	3-pin connector, black
T3e	3-pin connector, black
T3z	3-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	2.6 bar
*2	Wiring colour depends on equipment
*3	Gradually discontinued
*4	gradual introduction

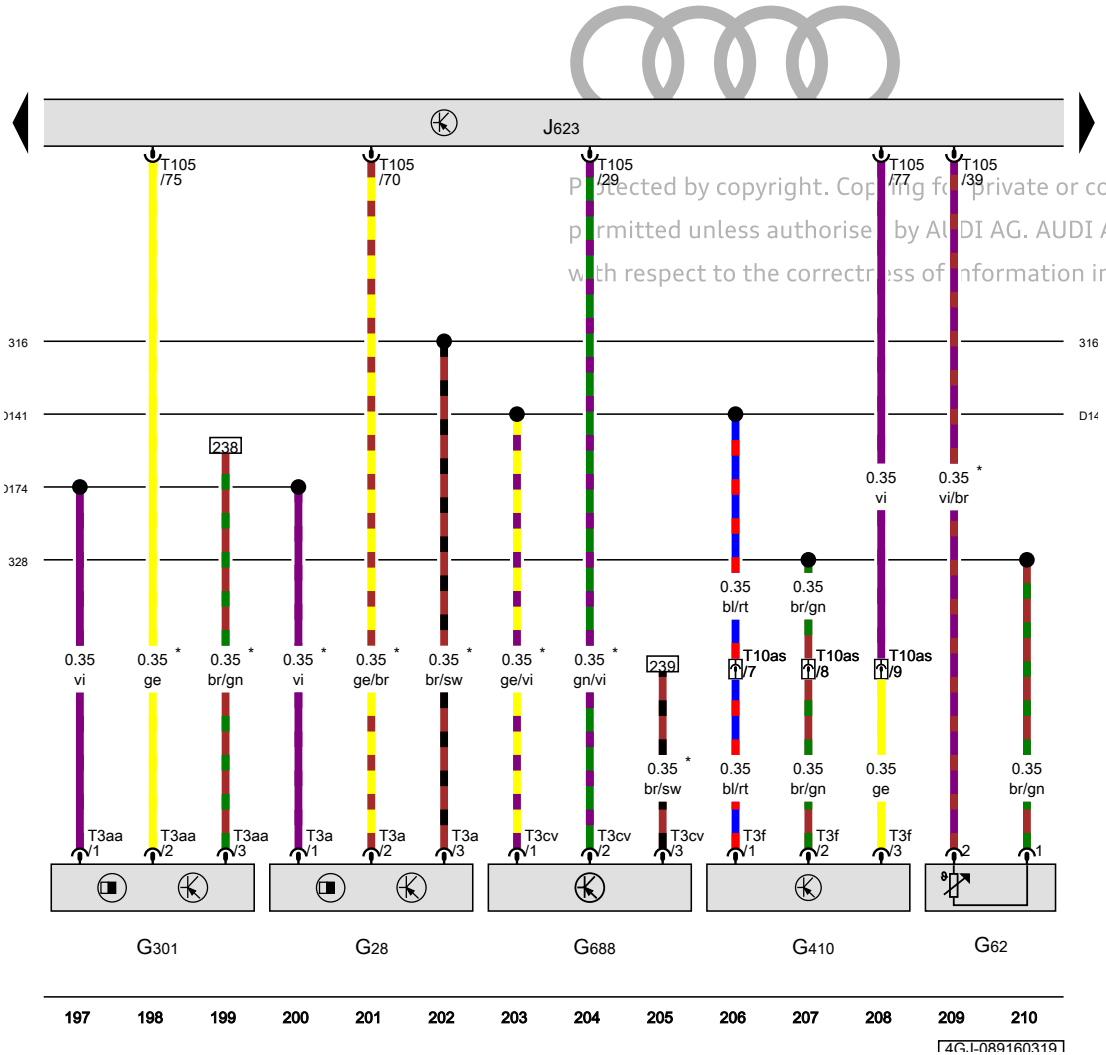


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Engine speed sender, Hall sender 4, Fuel pressure sender for low pressure, Engine/motor control unit

G28	Engine speed sender
G62	Coolant temperature sender
G301	Hall sender 4
G410	Fuel pressure sender for low pressure
G688	Sender 1 for turbocharger speed
J623	Engine/motor control unit
T3a	3-pin connector, dark brown
T3aa	3-pin connector, black
T3cv	3-pin connector, dark brown
T3f	3-pin connector, grey
T10as	10-pin connector, in middle of engine compartment, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Wiring colour depends on equipment



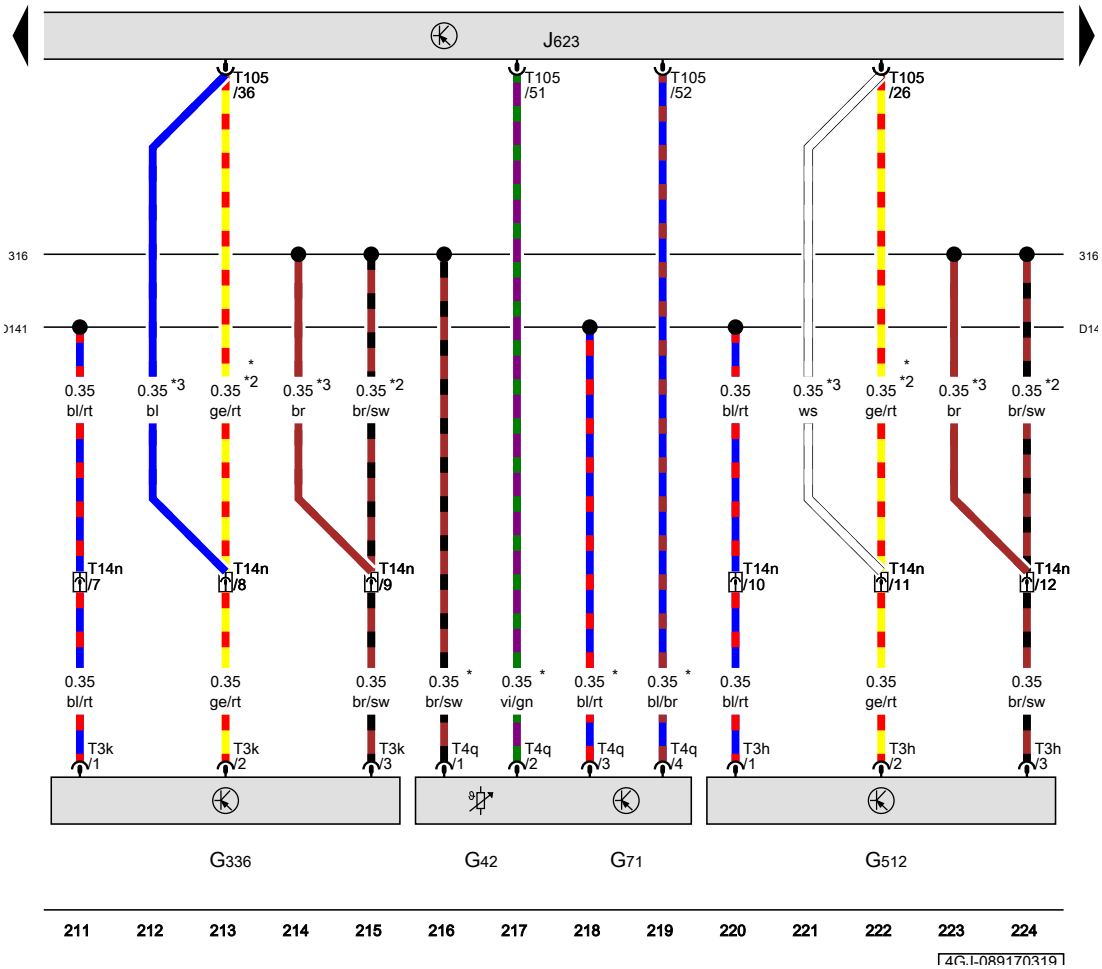
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Intake air temperature sender, Intake manifold pressure sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine/motor control unit

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine/motor control unit
T3h	3-pin connector, brown
T3k	3-pin connector
T4q	4-pin connector, black
T14n	14-pin connector, on right in engine compartment, brown
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment
*2	Gradually discontinued
*3	gradual introduction

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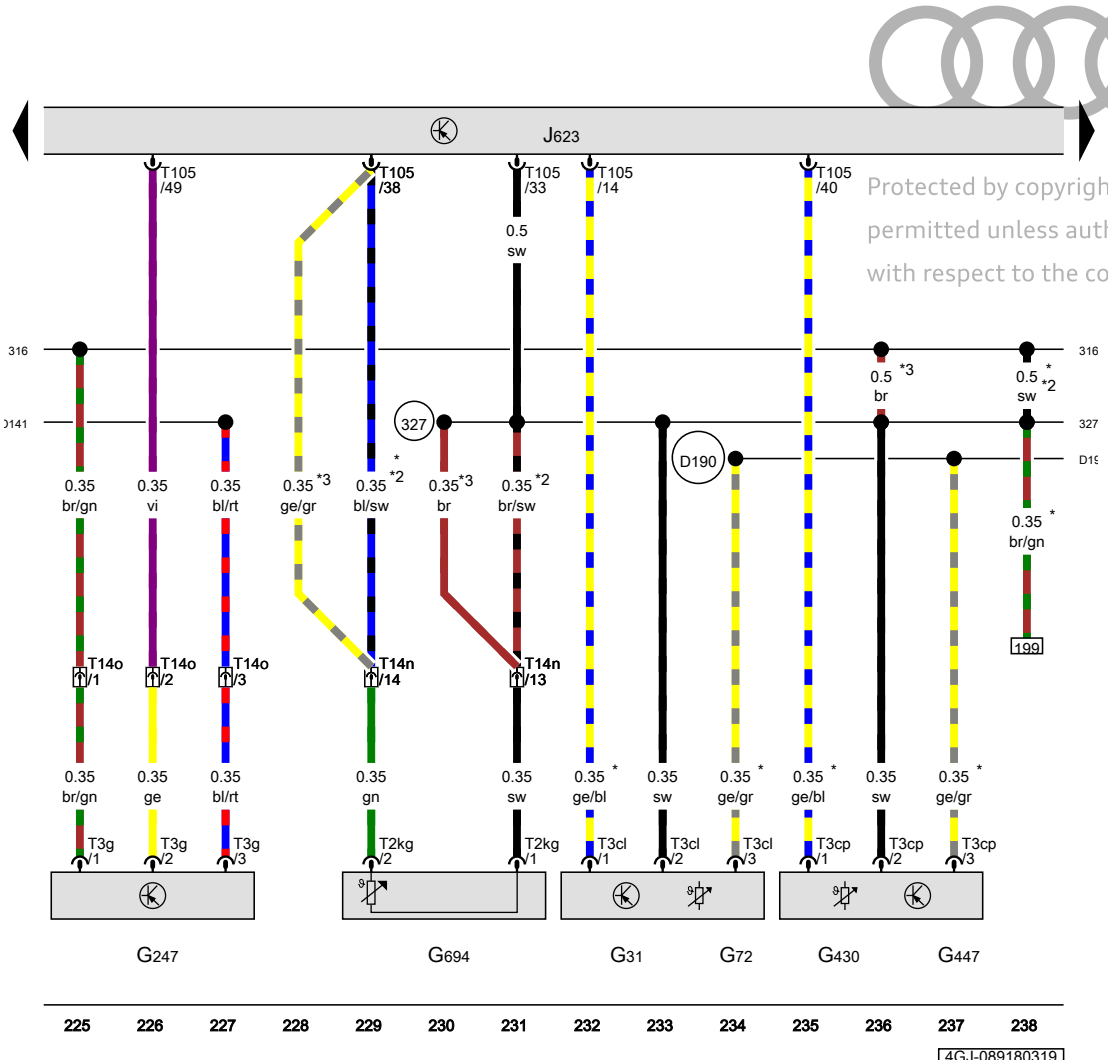


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or	=	orange
rs	=	pink

Charge pressure sender, Intake manifold temperature sender, Fuel pressure sender, Temperature sender for engine temperature regulation, Engine/motor control unit

G31	Charge pressure sender
G72	Intake manifold temperature sender
G247	Fuel pressure sender
G430	Intake manifold temperature sender 2
G447	Charge pressure sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit
T2kg	2-pin connector
T3cl	3-pin connector, black
T3cp	3-pin connector, black
T3g	3-pin connector, black
T14n	14-pin connector, on right in engine compartment, brown
T14o	14-pin connector, on left in engine compartment, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	Wiring colour depends on equipment
*2	Gradually discontinued
*3	gradual introduction

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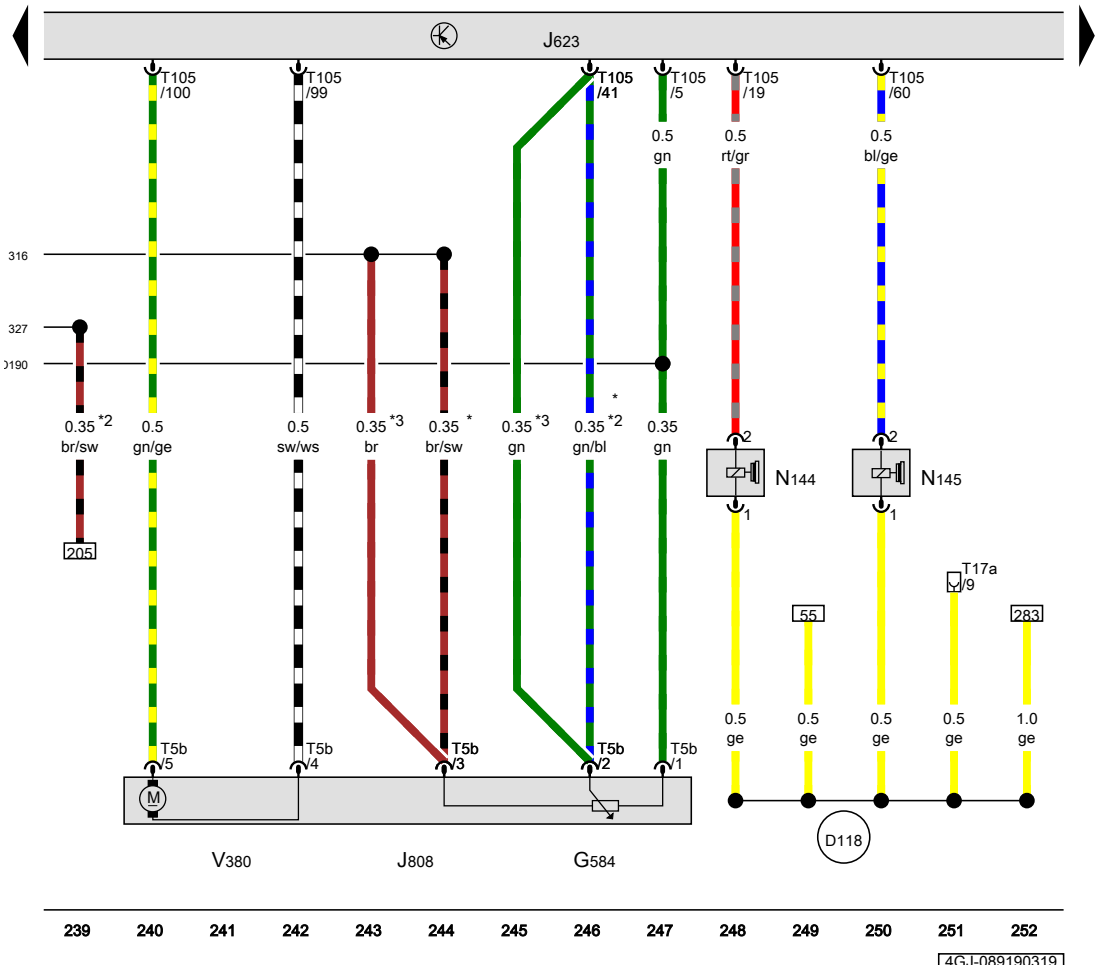


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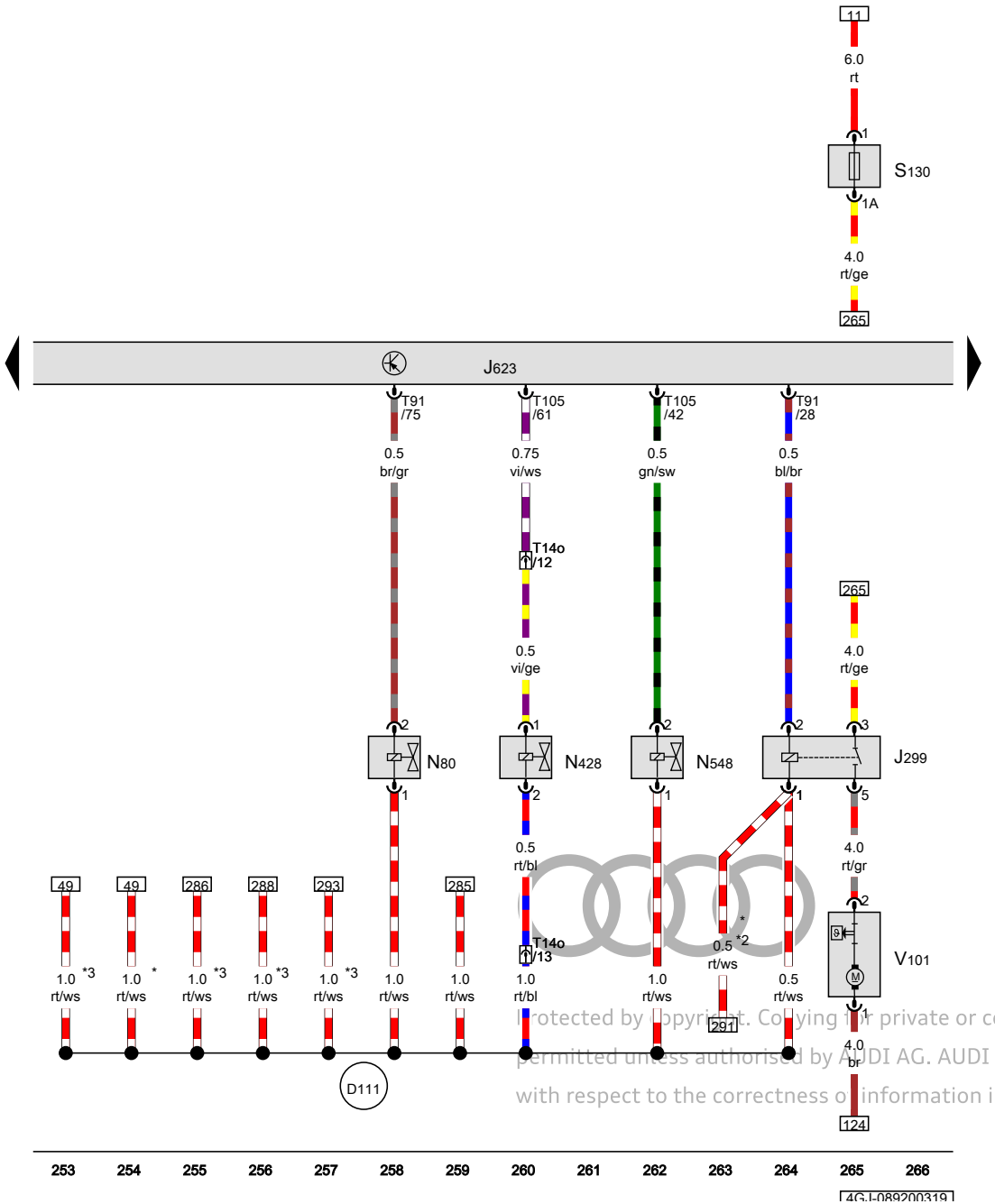
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Engine/motor control unit, Regulating flap control unit, Left electrohydraulic engine mounting solenoid valve

G584	Regulating flap potentiometer
J623	Engine/motor control unit
J808	Regulating flap control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
T5b	5-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T105	105-pin connector, black
V380	Regulating flap position control motor
316	Earth connection (sender earth 2) in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	Gradually discontinued
*2	Wiring colour depends on equipment
*3	gradual introduction



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ge	=	yellow
or	=	orange
rs	=	pink



Secondary air pump relay, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Valve for oil pressure control, Crankcase breather shut-off valve, Secondary air pump motor

J299	Secondary air pump relay
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N428	Valve for oil pressure control
N548	Crankcase breather shut-off valve
S130	Secondary air pump fuse
T14o	14-pin connector, on left in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
V101	Secondary air pump motor
D111	Connection 9 in engine compartment wiring harness
*	Gradually discontinued
*2	From June 2015
*3	gradual introduction

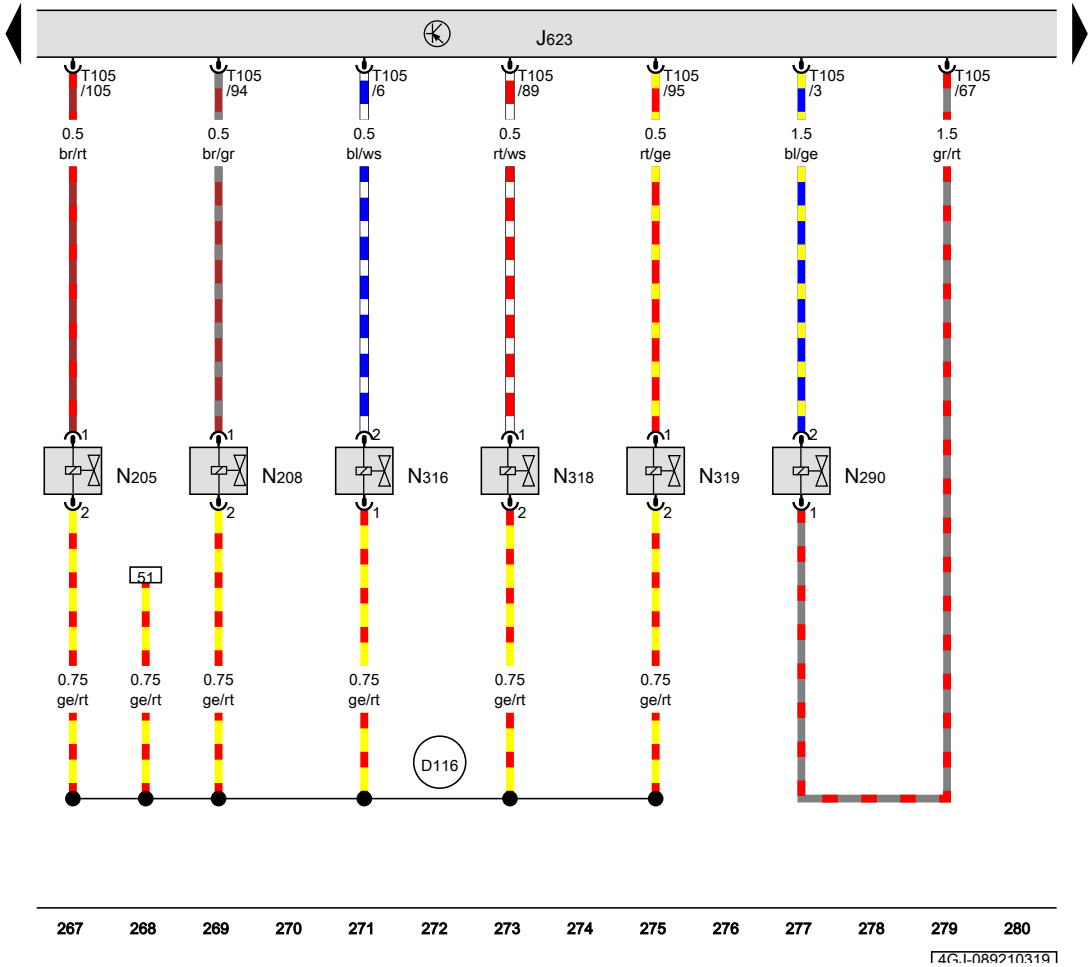
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Engine/motor control unit, Camshaft control valve 1, Fuel metering valve, Intake manifold flap valve

J623	Engine/motor control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T105	105-pin connector, black
D116	Connection 14 in engine compartment wiring harness

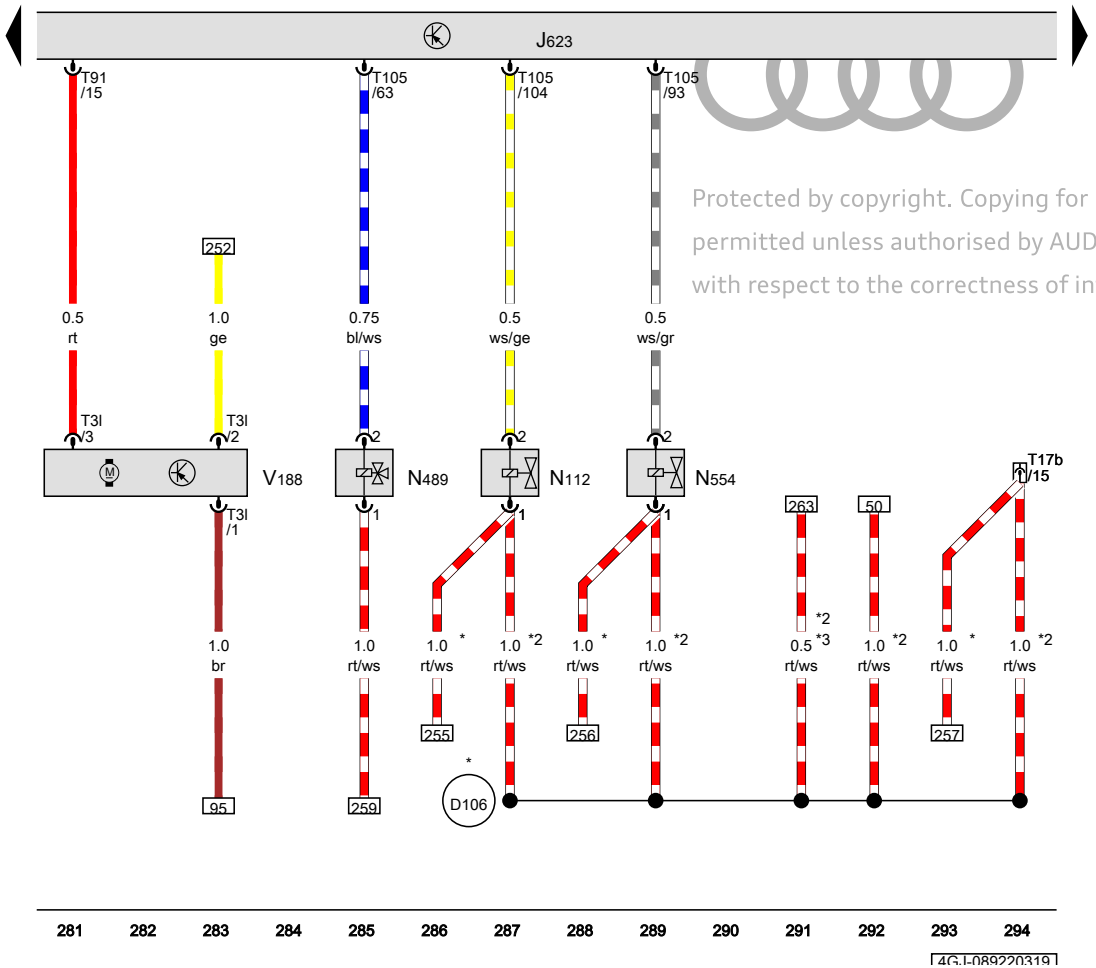
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Engine/motor control unit, Secondary air inlet valve, Coolant valve for cylinder head, Charge air cooling pump

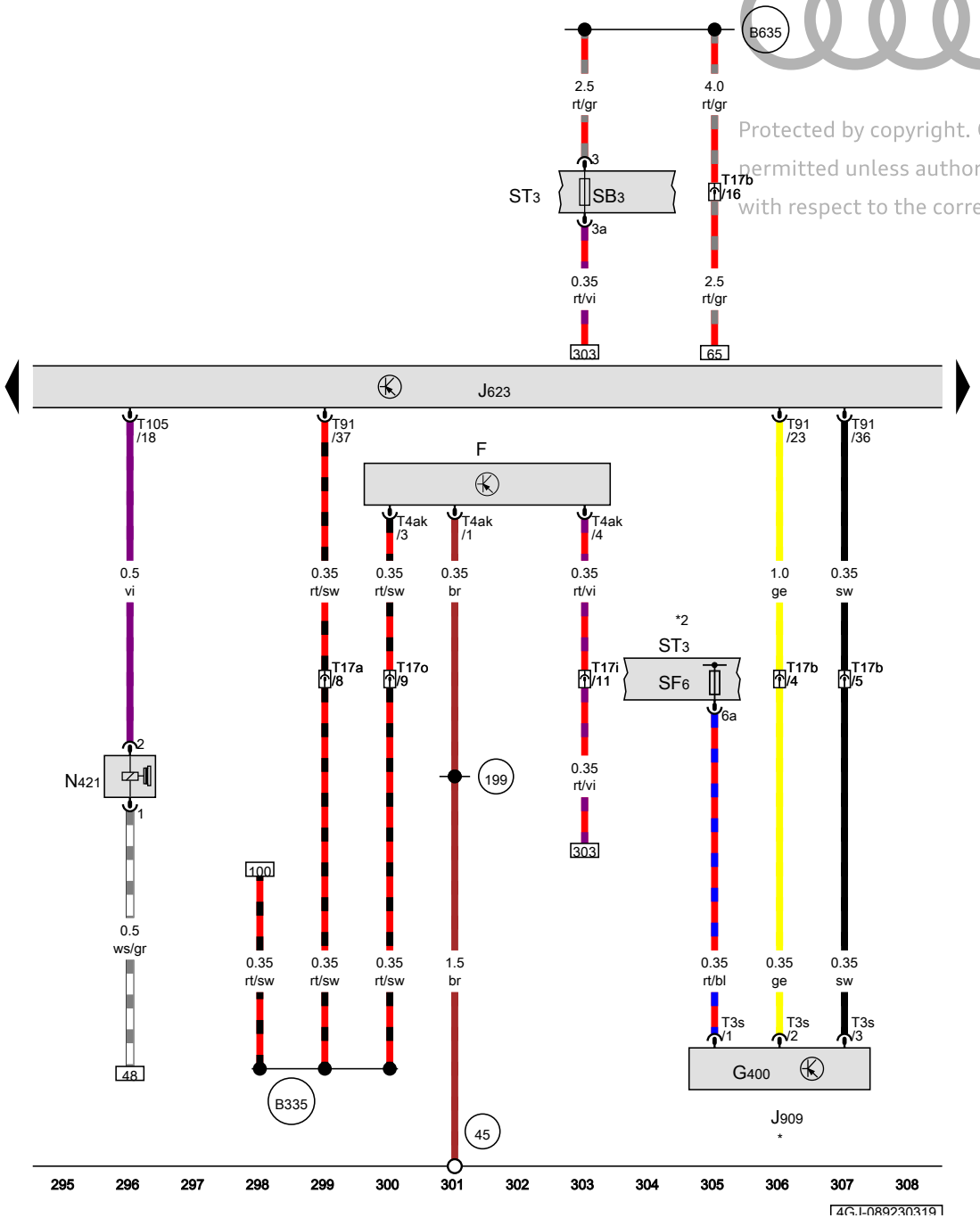
J623	Engine/motor control unit
N112	Secondary air inlet valve
N489	Coolant valve for cylinder head
N554	Engine oil cooler valve
T3l	3-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V188	Charge air cooling pump
D106	Connection 4 in engine compartment wiring harness
*	gradual introduction
*2	Gradually discontinued
*3	From June 2015



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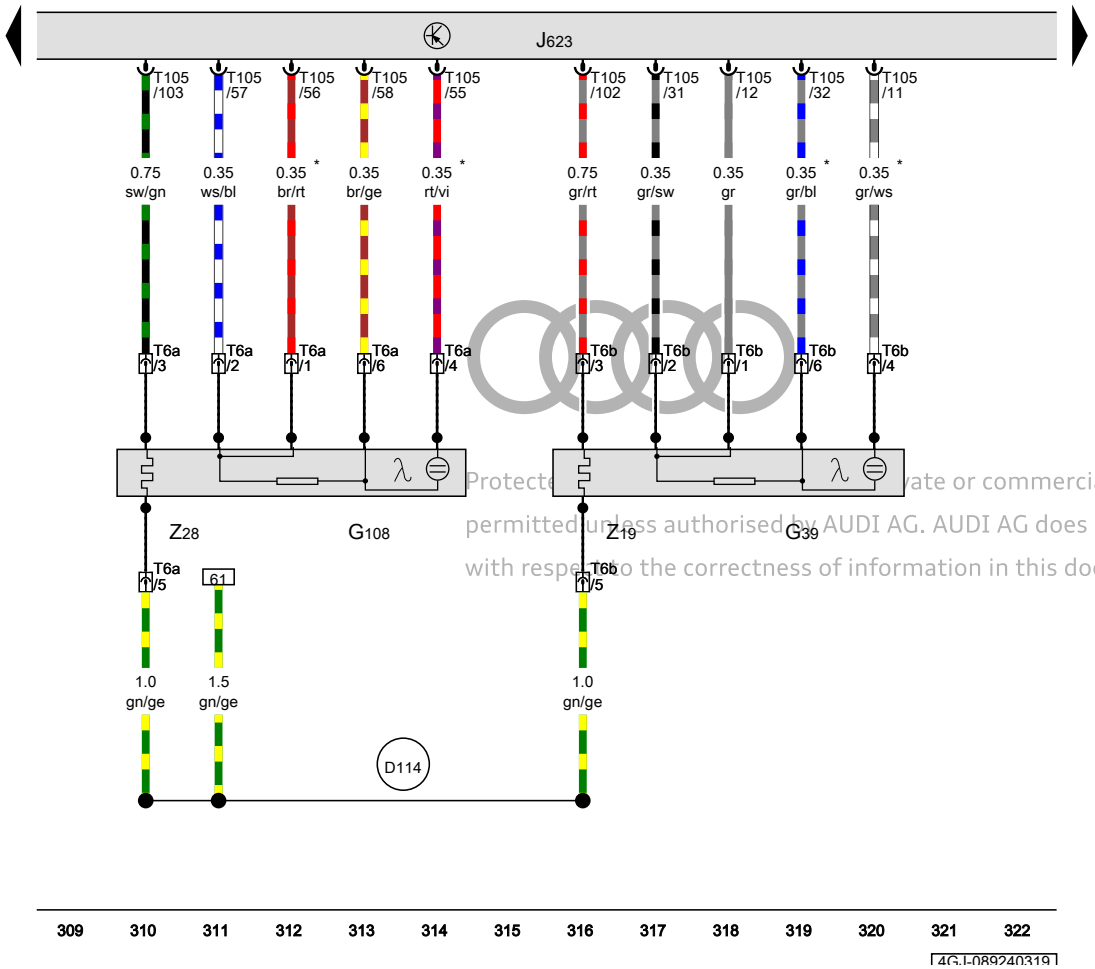
Brake light switch, Engine/motor control unit, Control unit for fuel tank leak detection

F	Brake light switch
G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
N421	Magnetic clutch for supercharger
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
SF6	Fuse 6 in fuse holder F
T3s	3-pin connector
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
T105	105-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
*	For models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment

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or	=	orange
rs	=	pink

Lambda probe 2, Engine/motor control unit, Lambda probe heater 2

G39	Lambda probe
G108	Lambda probe 2
J623	Engine/motor control unit
T6a	6-pin connector, on Lambda probe before catalytic converter, black
T6b	6-pin connector, on Lambda probe before catalytic converter, black
T105	105-pin connector, black
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness
*	Wiring colour depends on equipment



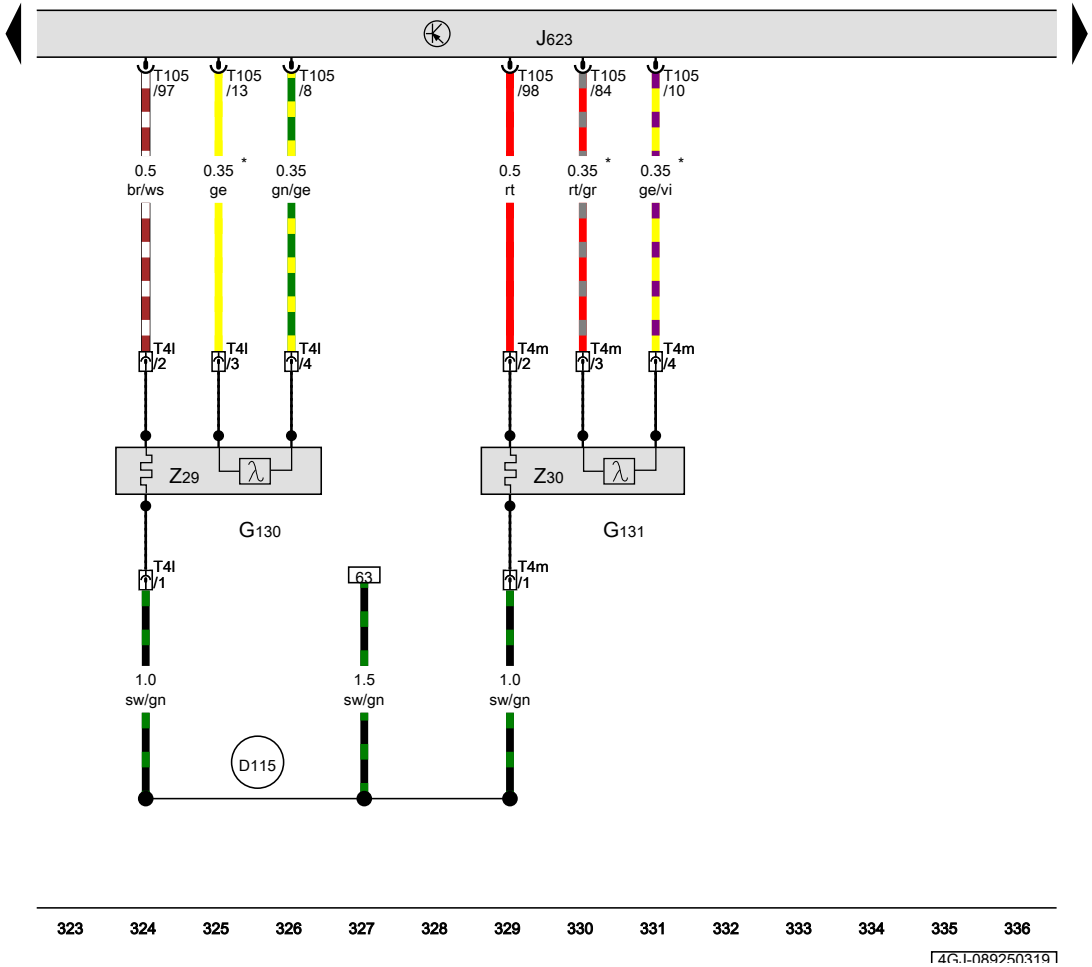
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Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, on Lambda probe after catalytic converter, black
T4m	4-pin connector, on Lambda probe after catalytic converter, black
T105	105-pin connector, black
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D115	Connection 13 in engine compartment wiring harness
*	Wiring colour depends on equipment

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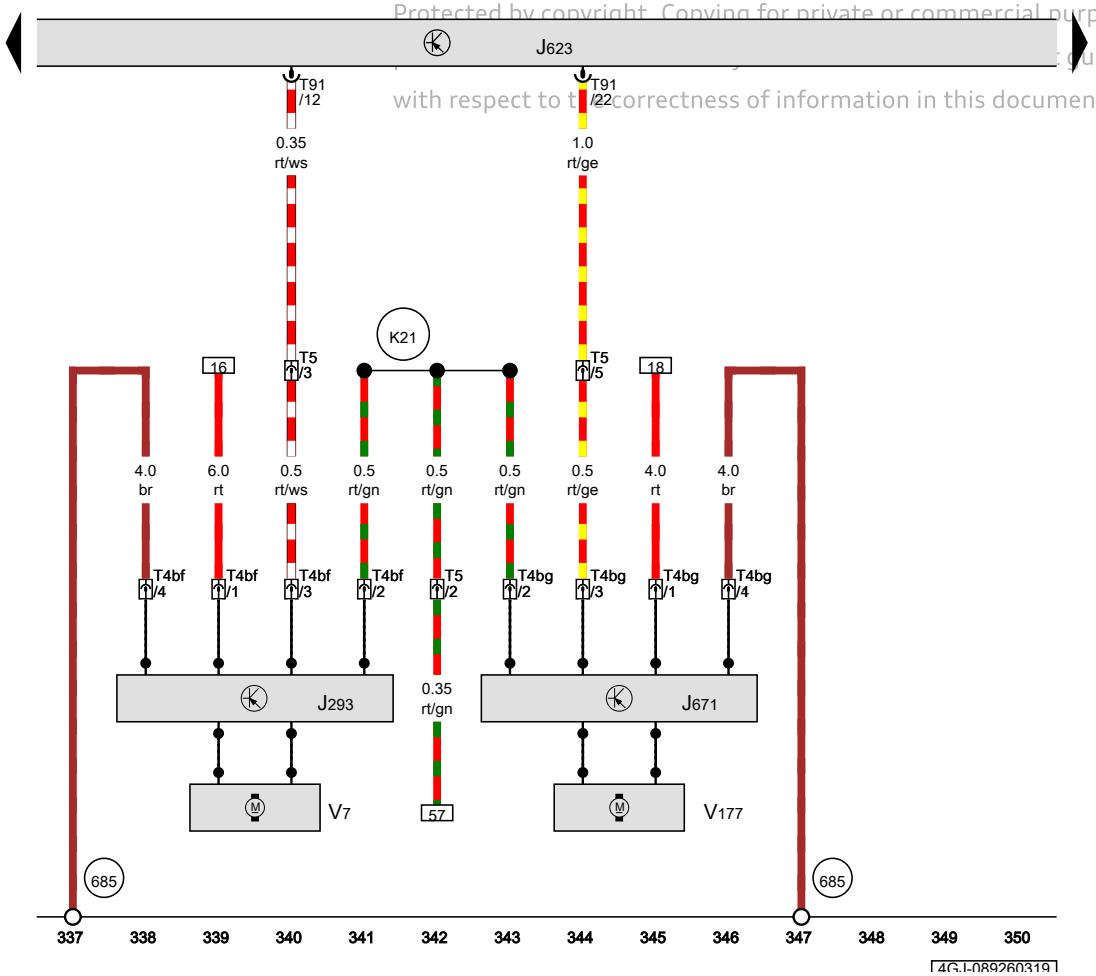


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Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2, Radiator fan

J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, near radiator fan
T4bg	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T91	91-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness

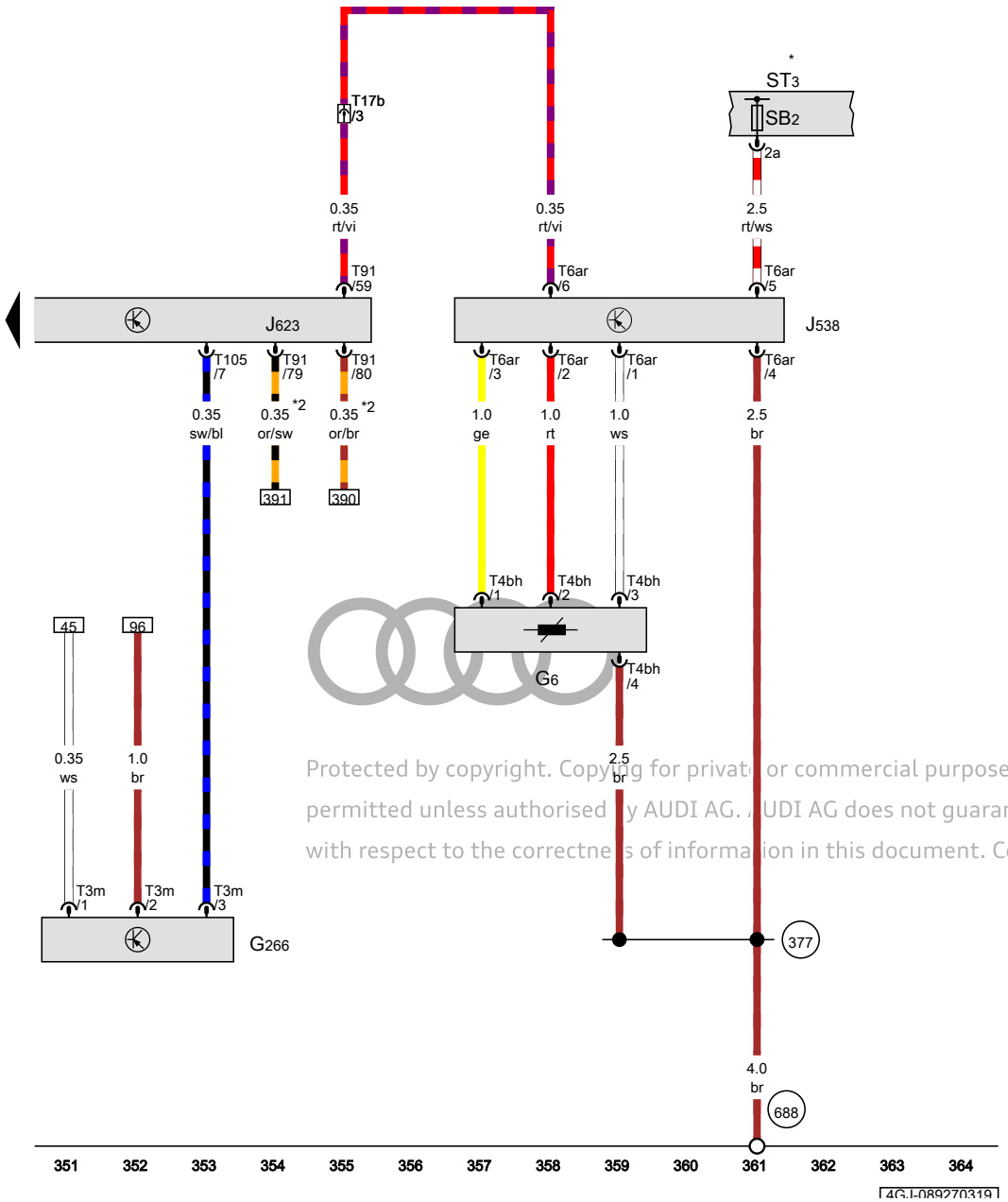
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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

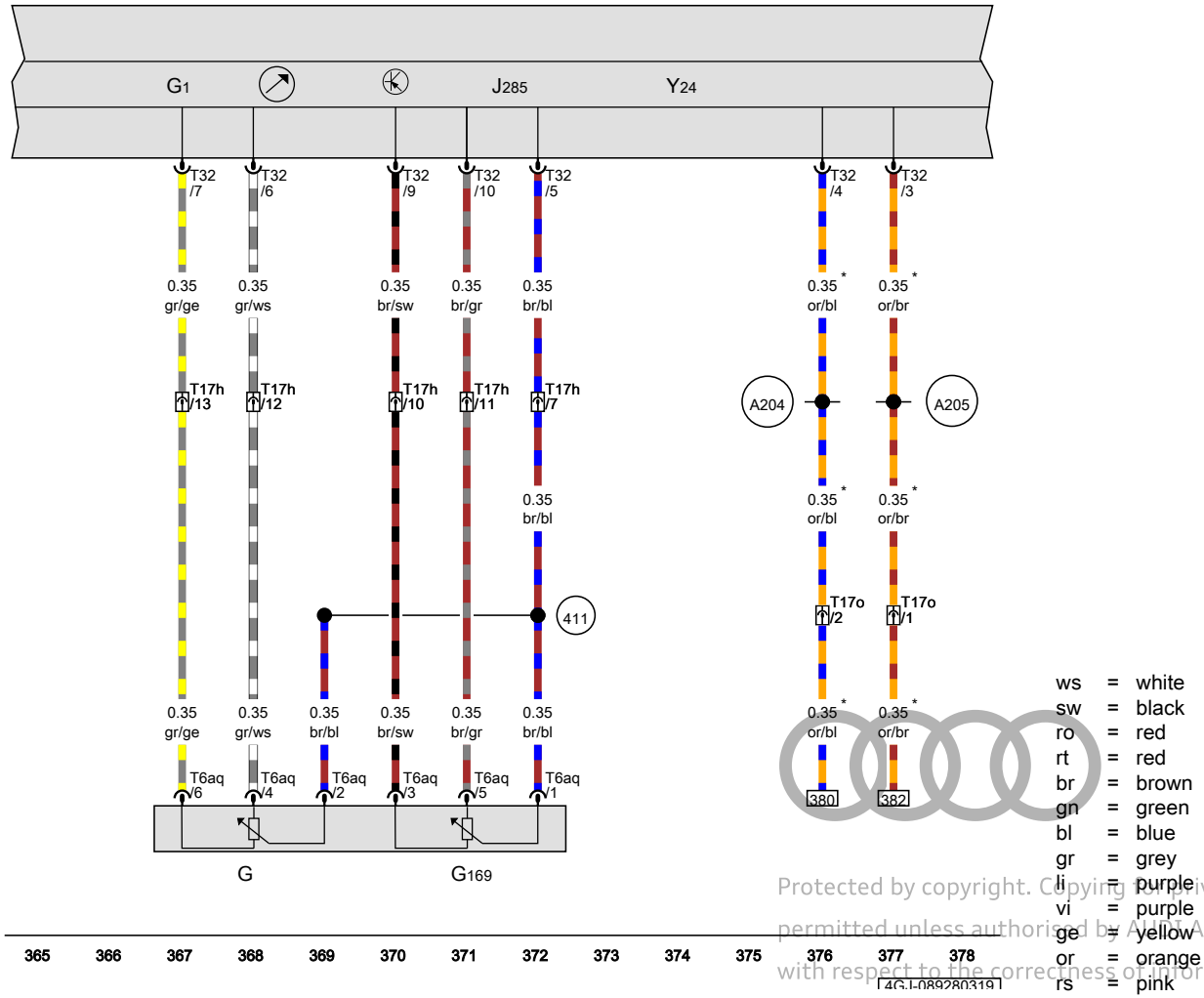


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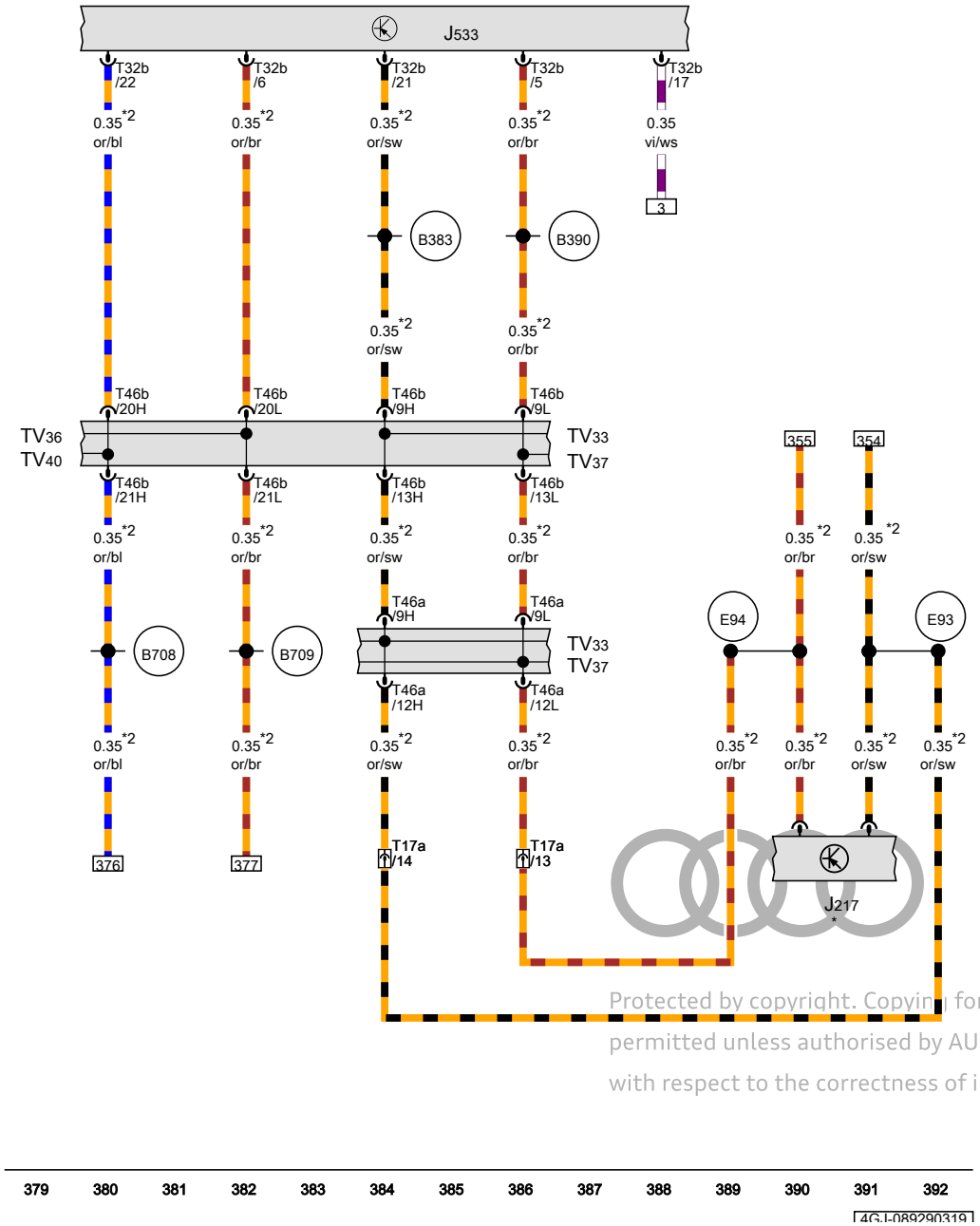
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector, black
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
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rt	=	red
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gn	=	green
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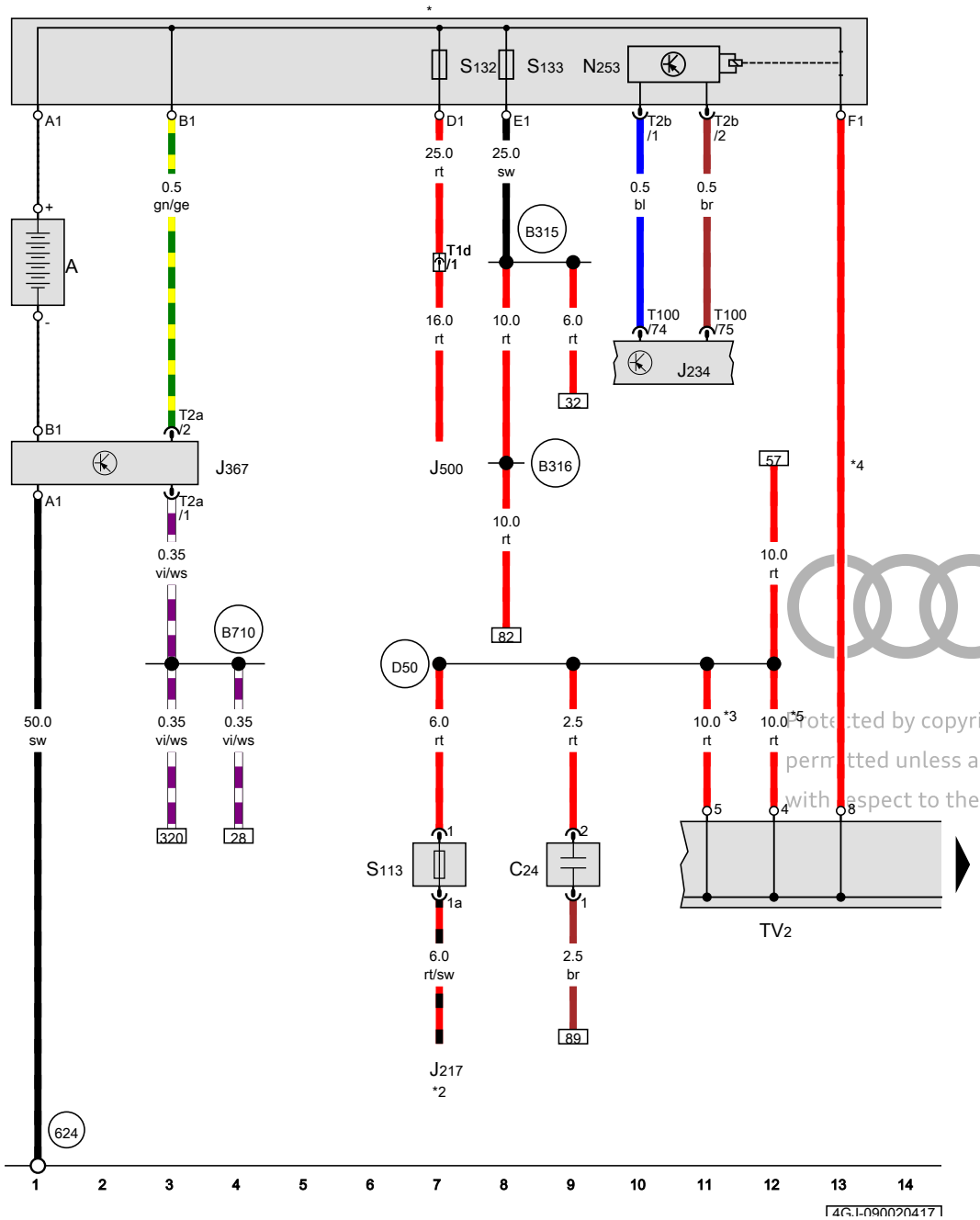
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3.0l diesel engine , CRTD,CRTE,CRTF

From September 2014



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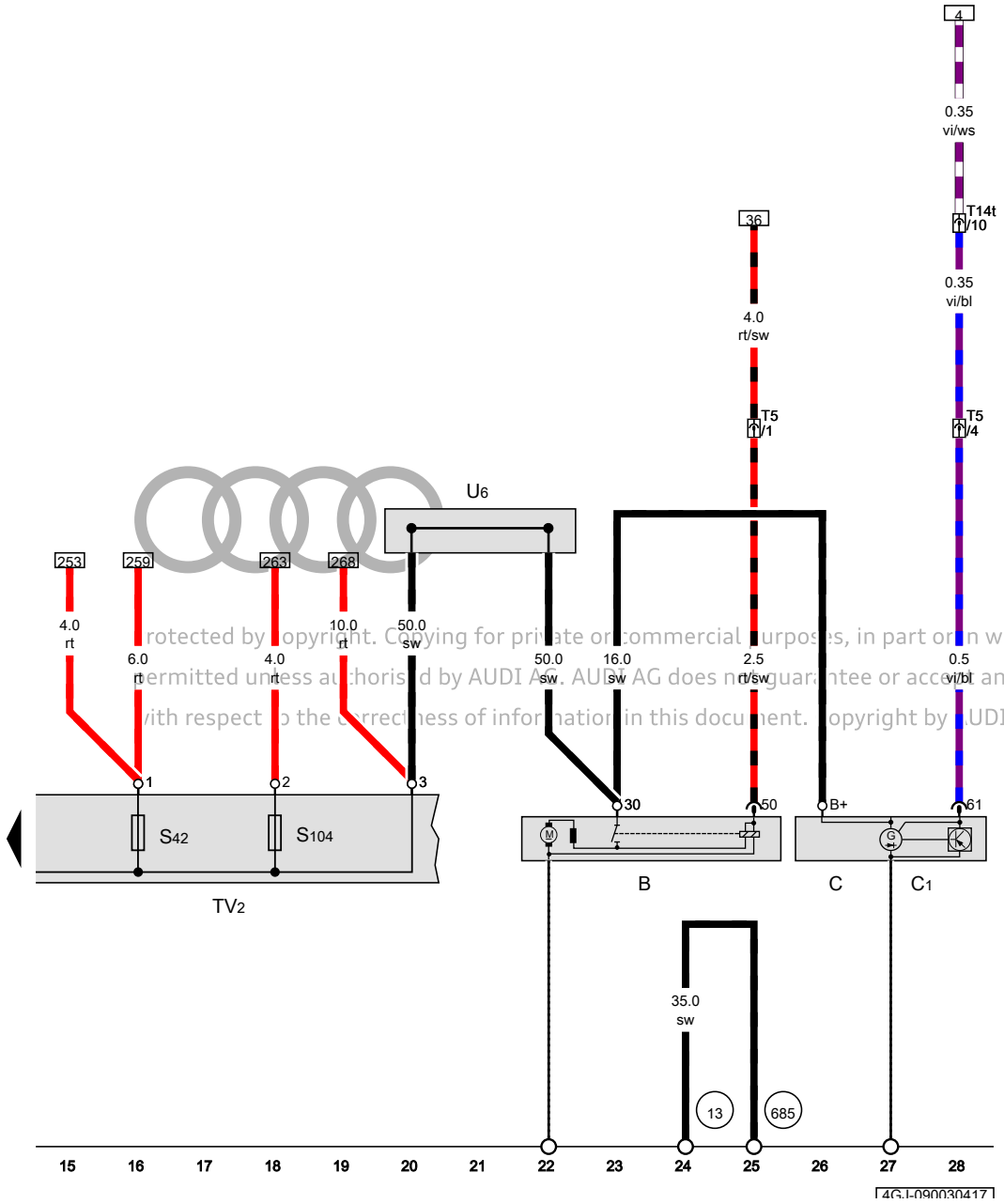


Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J217	Automatic gearbox control unit
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for automatic gearbox
*3	Gradually discontinued
*4	Flat conductor
*5	gradual introduction

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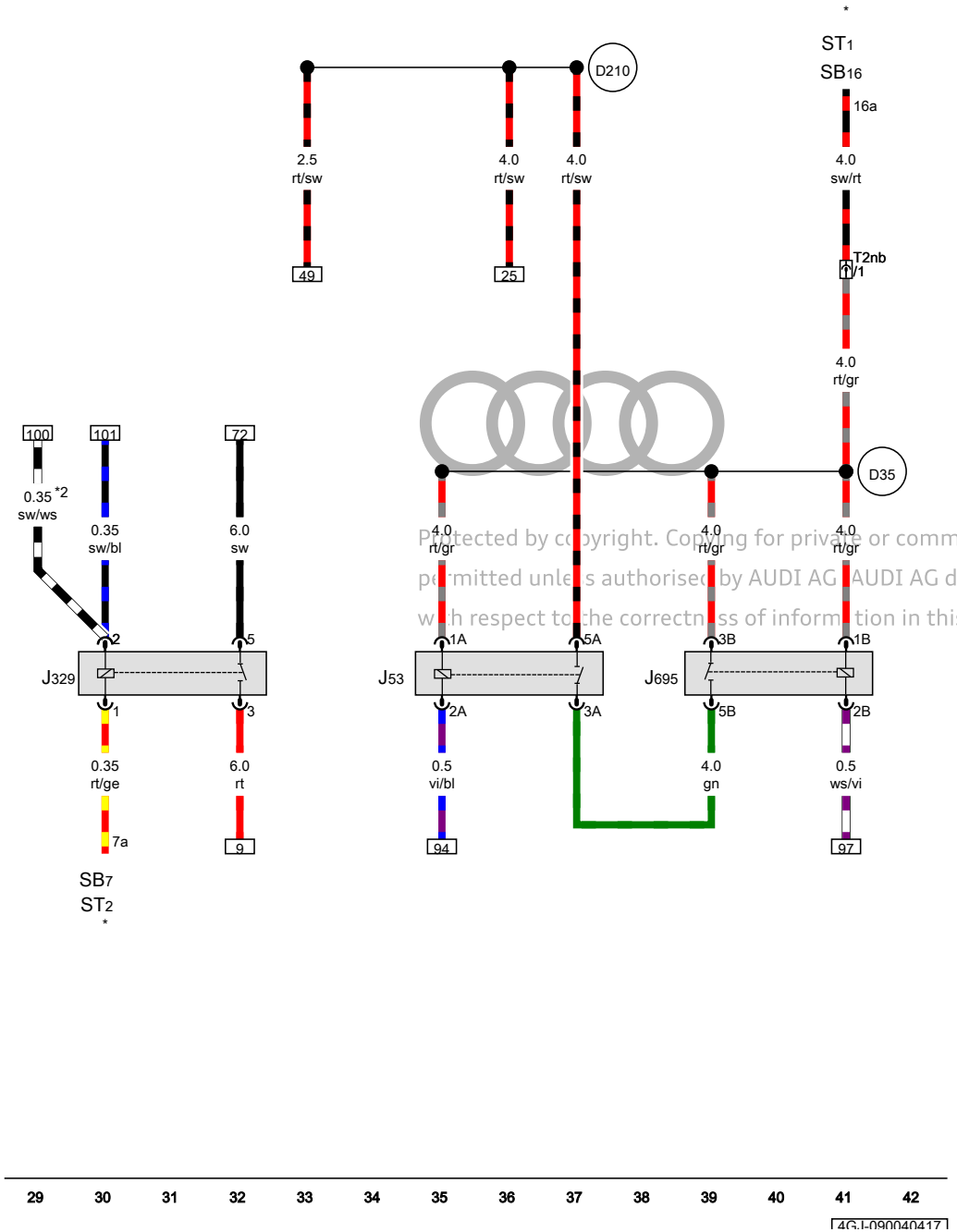
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member

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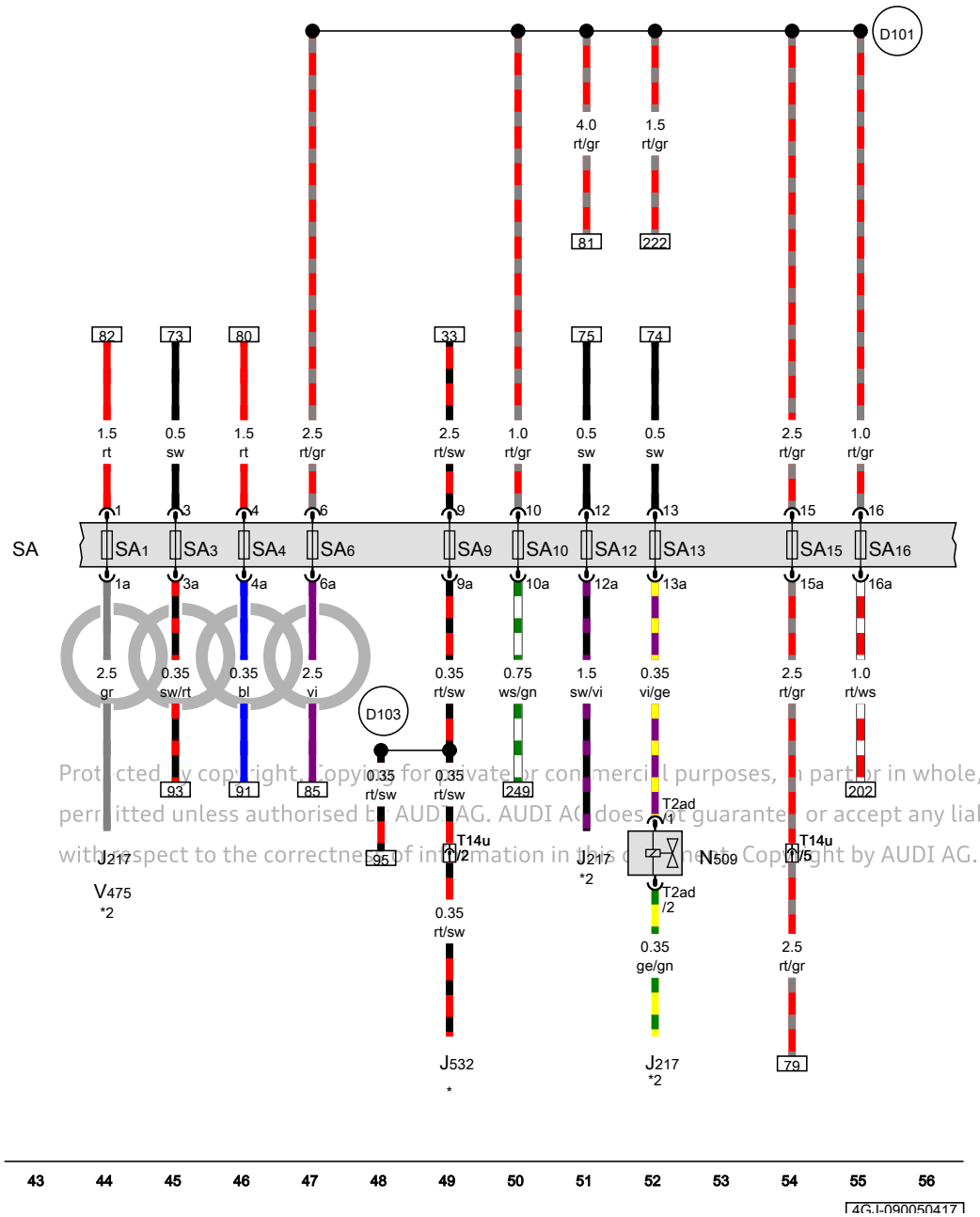
Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models



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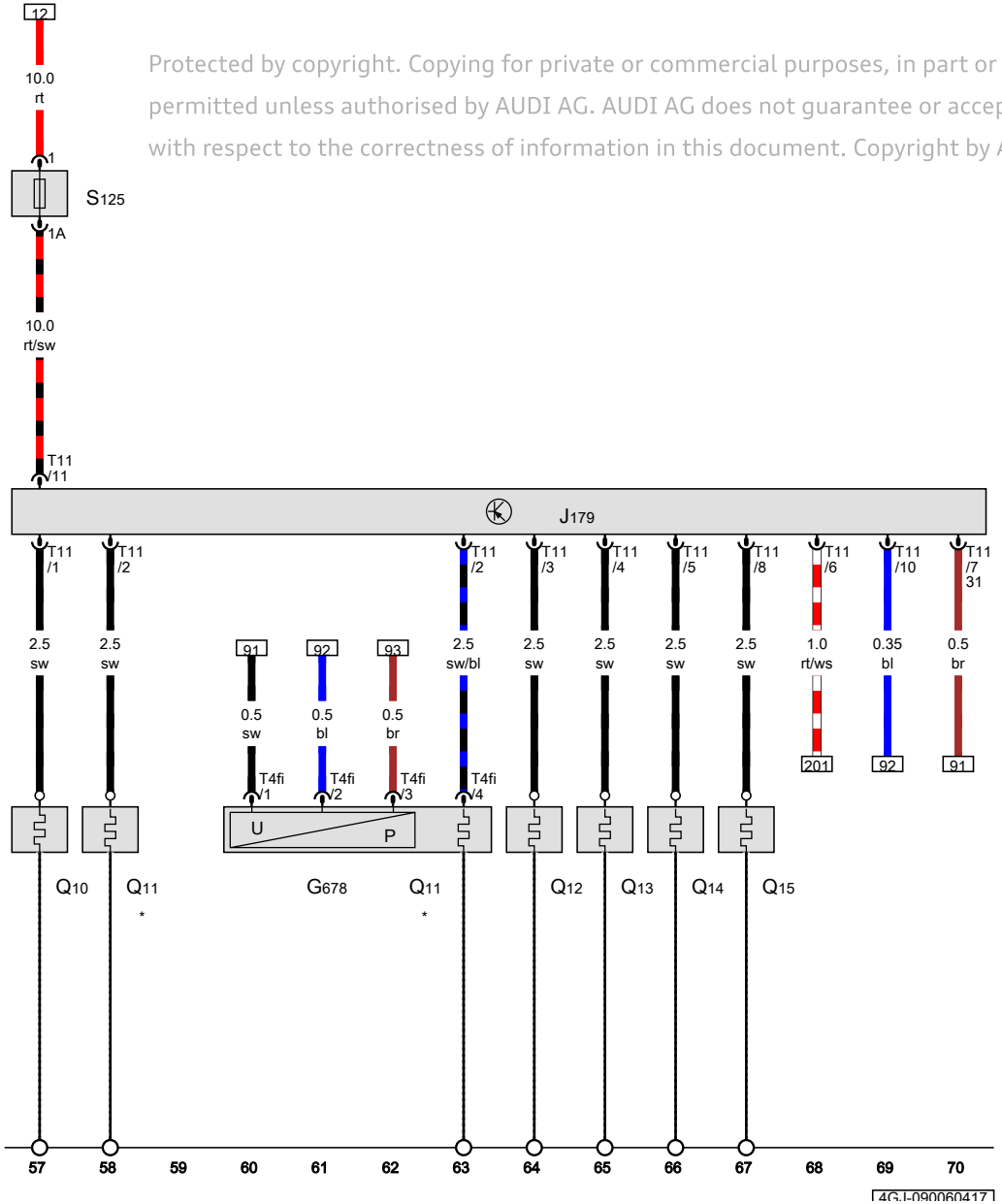
Gearbox oil cooling valve, Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T2ad	2-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

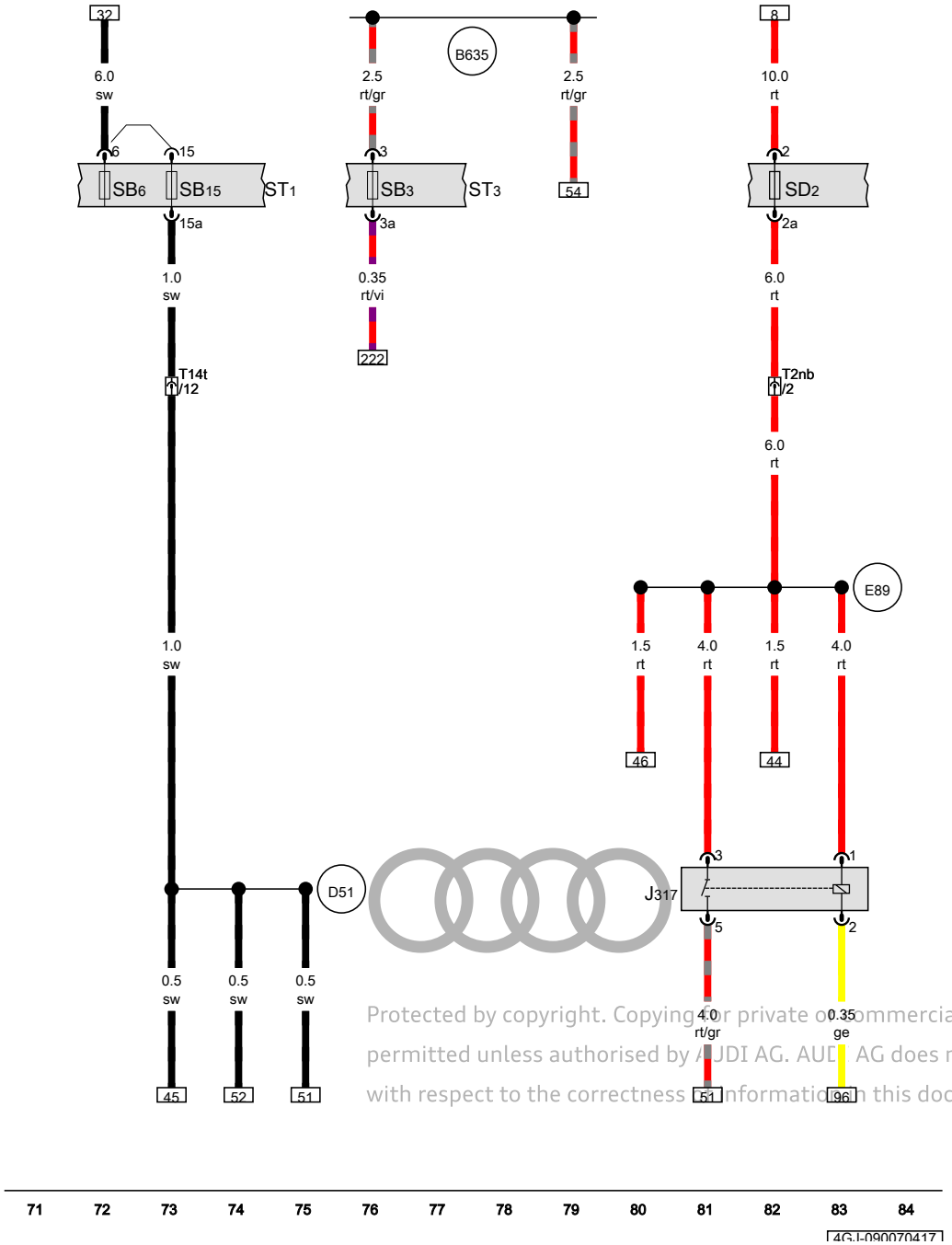
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Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
T4fi	4-pin connector
T11	11-pin connector, black
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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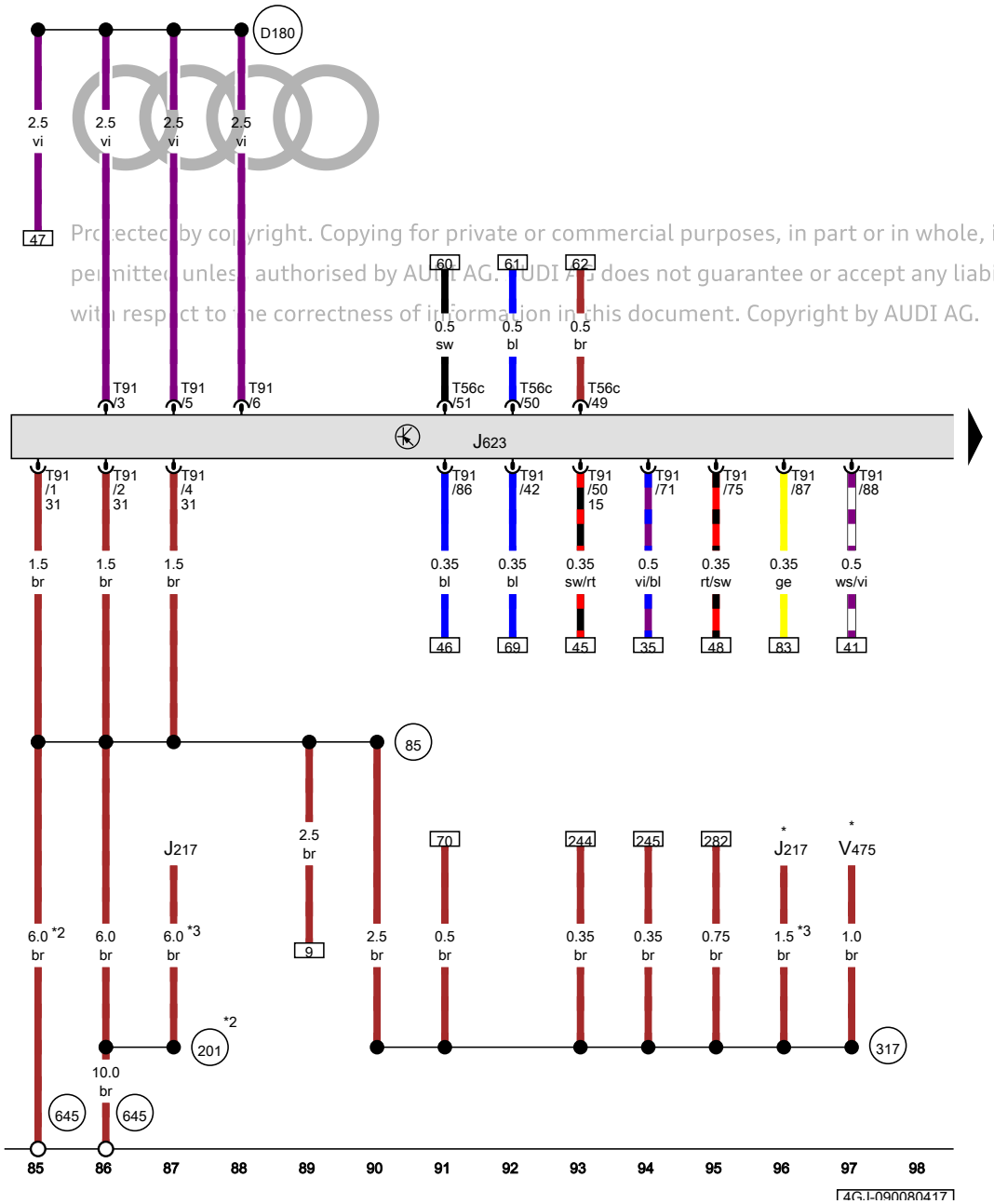


Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SD2	Fuse 2 on fuse holder D
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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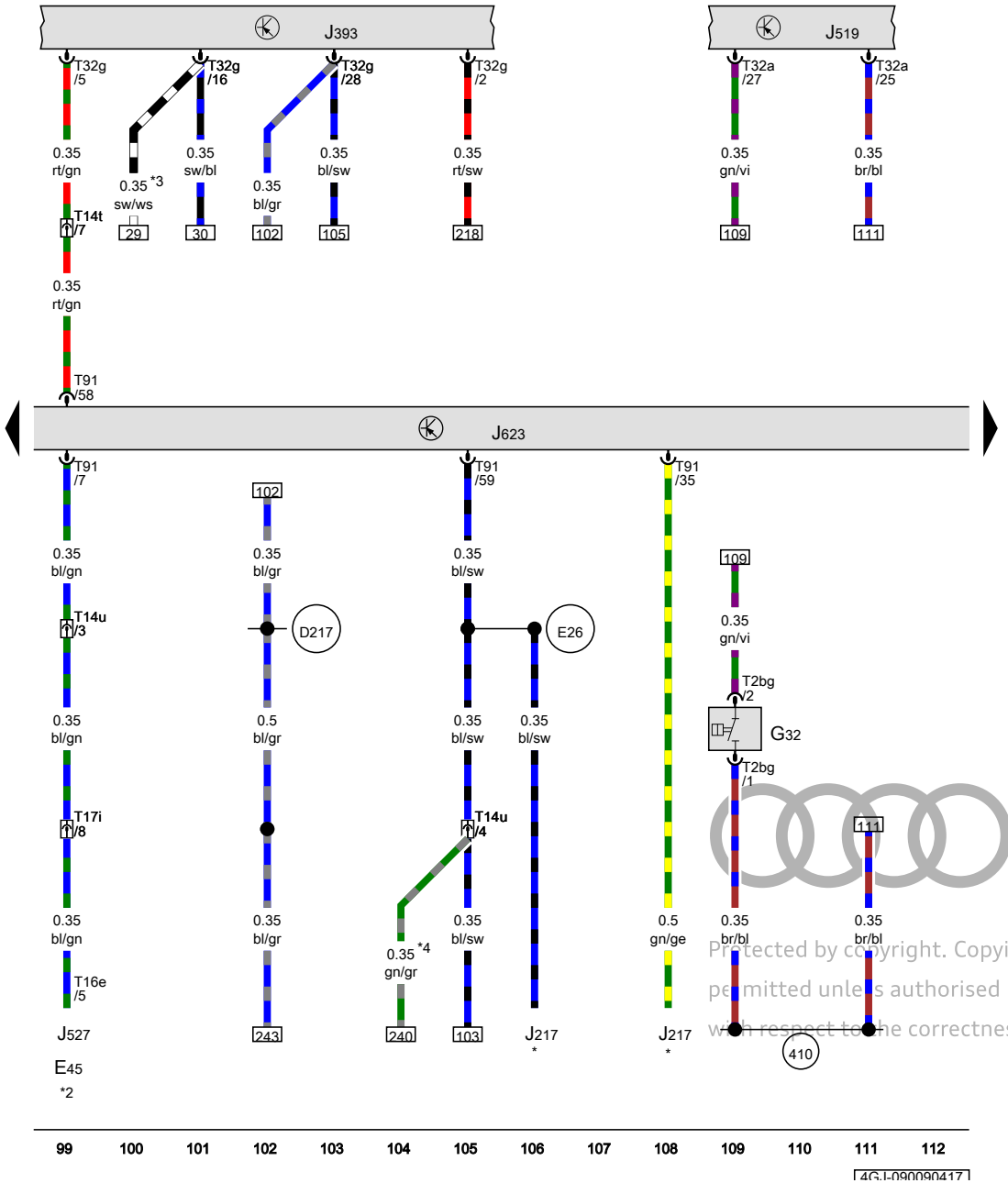


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Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit, in plenum chamber
T56c	56-pin connector, black
T91	91-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	According to equipment
*3	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

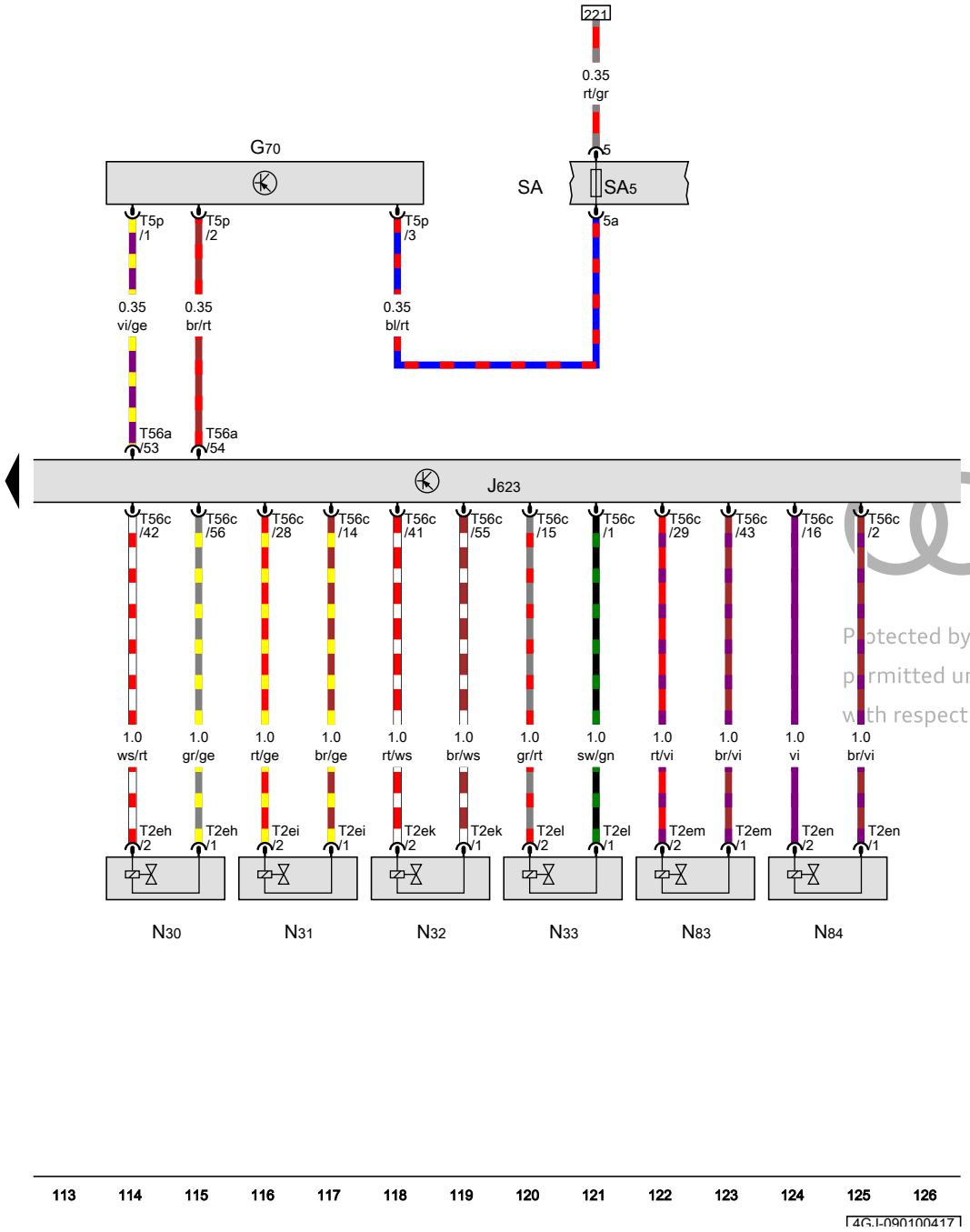
E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit, in plenum chamber
T2bg	2-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16e	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with cruise control system (CCS)
*3	Only right-hand drive models
*4	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Air mass meter, Engine control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine control unit, in plenum chamber
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
SA	Fuse holder A
SA5	Fuse 5 on fuse holder A
T2eh	2-pin connector, black
T2ei	2-pin connector, black
T2ek	2-pin connector, black
T2el	2-pin connector, black
T2em	2-pin connector, black
T2en	2-pin connector, black
T5p	5-pin connector, black
T56a	56-pin connector, black
T56c	56-pin connector, black



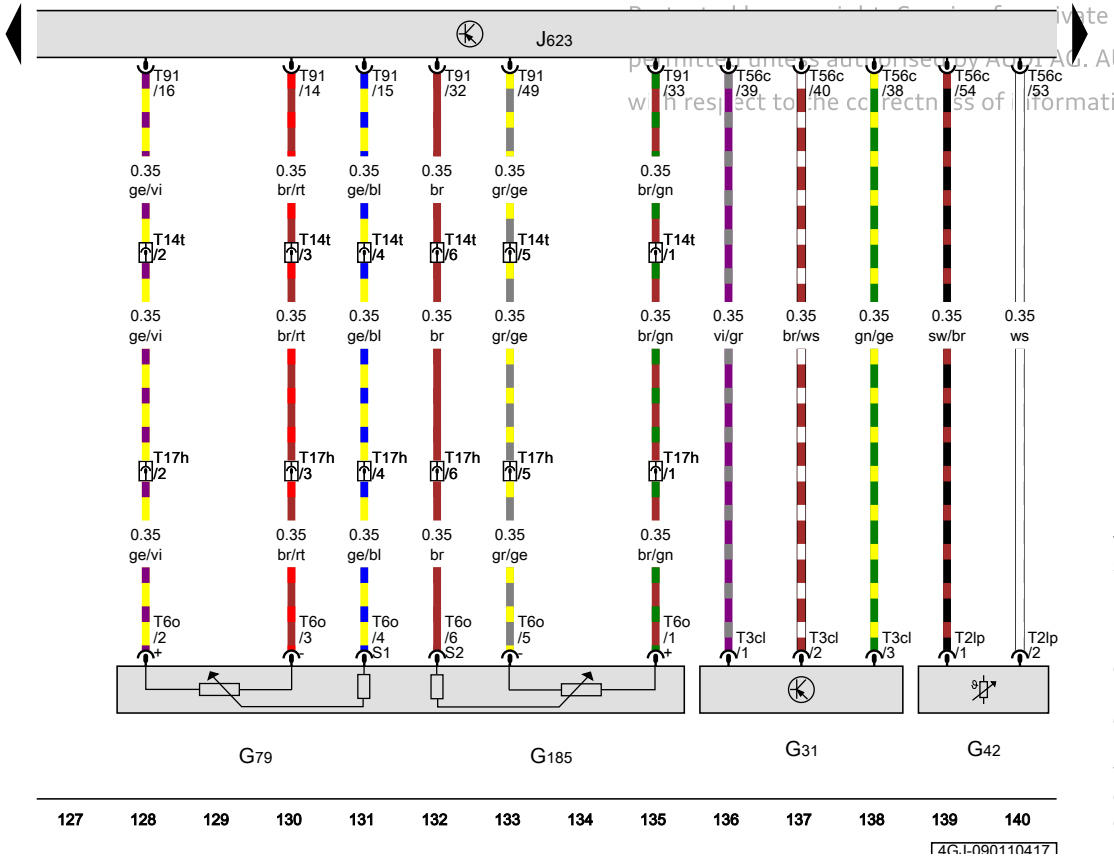
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Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit, in plenum chamber
T2lp	2-pin connector, black
T3cl	3-pin connector, black
T6o	6-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17h	17-pin connector, in left A-pillar coupling station, red
T56c	56-pin connector, black
T91	91-pin connector, black

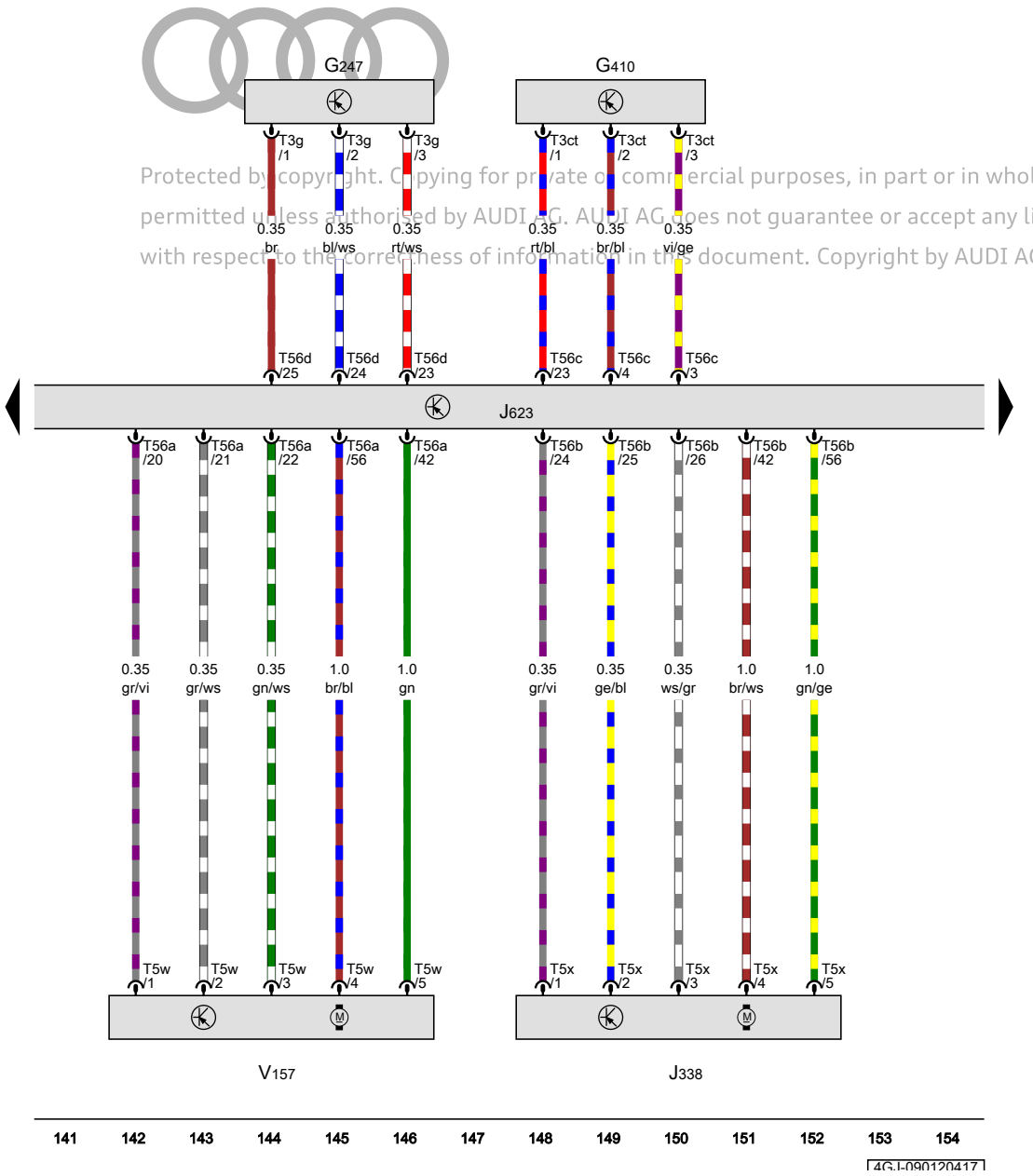
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Fuel pressure sender, Throttle valve module, Engine control unit

G247	Fuel pressure sender
G410	Fuel pressure sender for low pressure
J338	Throttle valve module
J623	Engine control unit, in plenum chamber
T3ct	3-pin connector, black
T3g	3-pin connector, black
T5w	5-pin connector, black
T5x	5-pin connector, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T56c	56-pin connector, black
T56d	56-pin connector, black
V157	Intake manifold flap motor

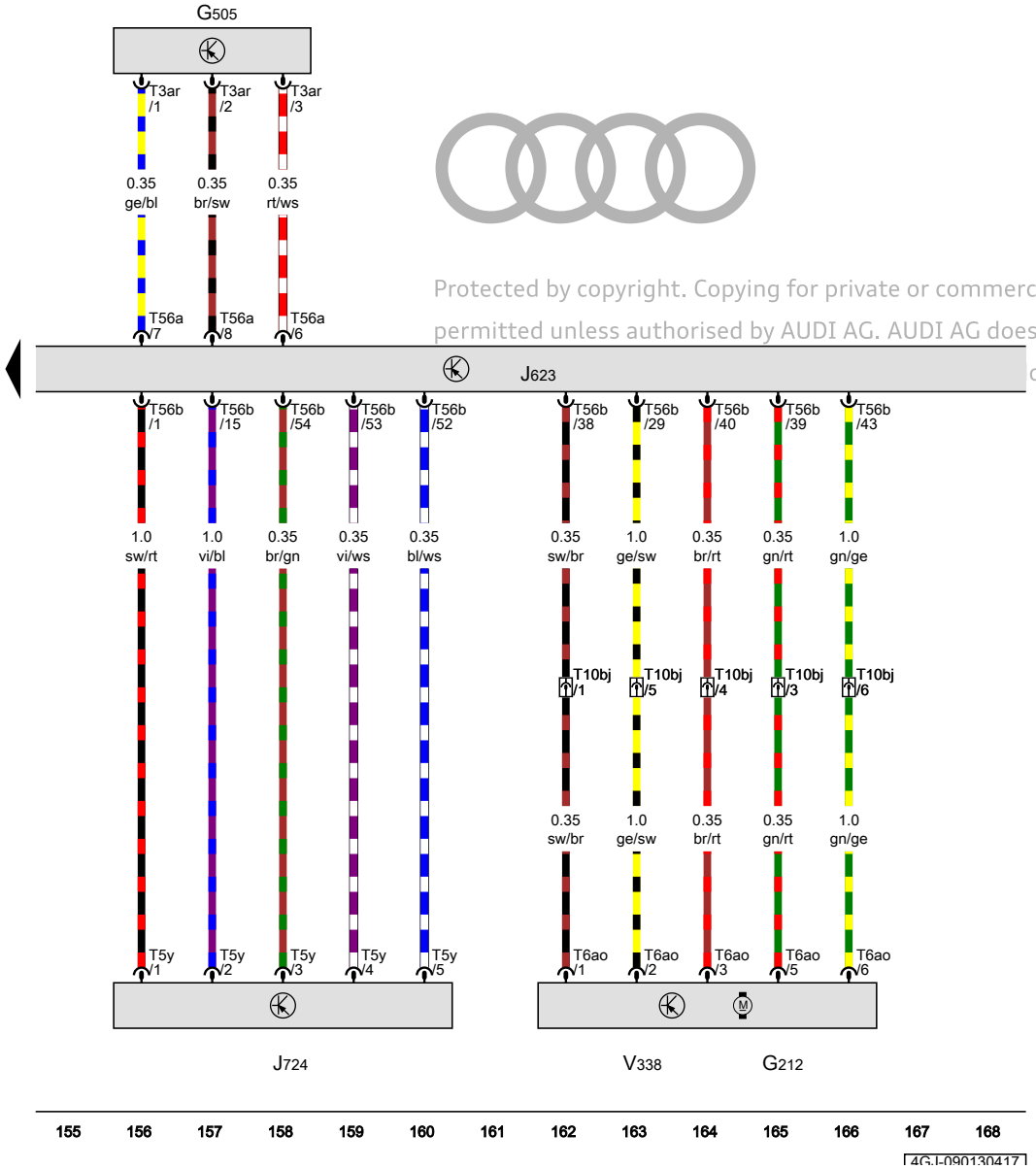


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Pressure differential sender, Engine control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

G212	Exhaust gas recirculation potentiometer
G505	Pressure differential sender
J623	Engine control unit, in plenum chamber
J724	Turbocharger 1 control unit
T3ar	3-pin connector, black
T5y	5-pin connector, yellow
T6ao	6-pin connector
T10bj	10-pin connector, on right in engine compartment, black
T56a	56-pin connector, black
T56b	56-pin connector, black
V338	Exhaust gas recirculation control motor

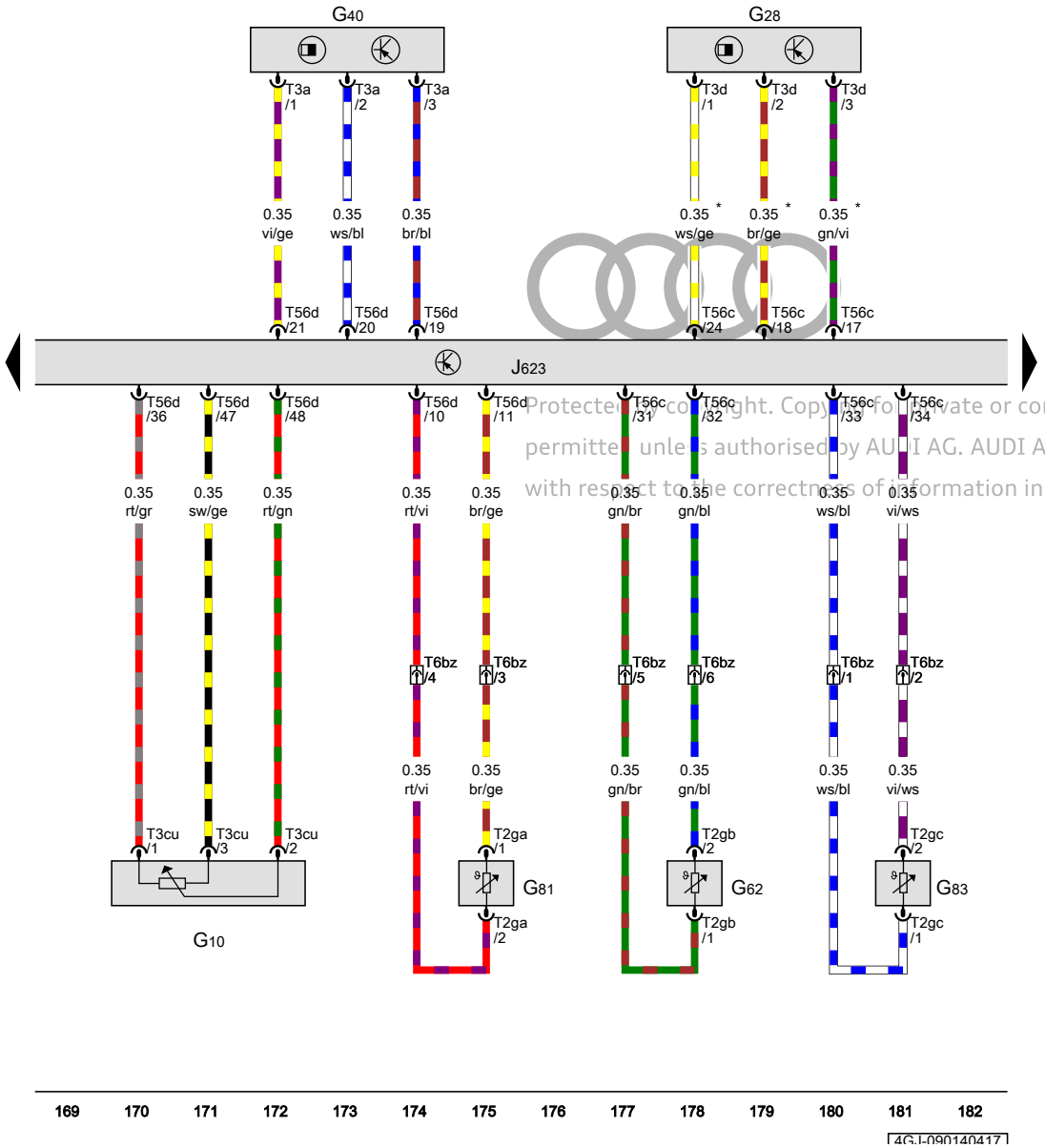


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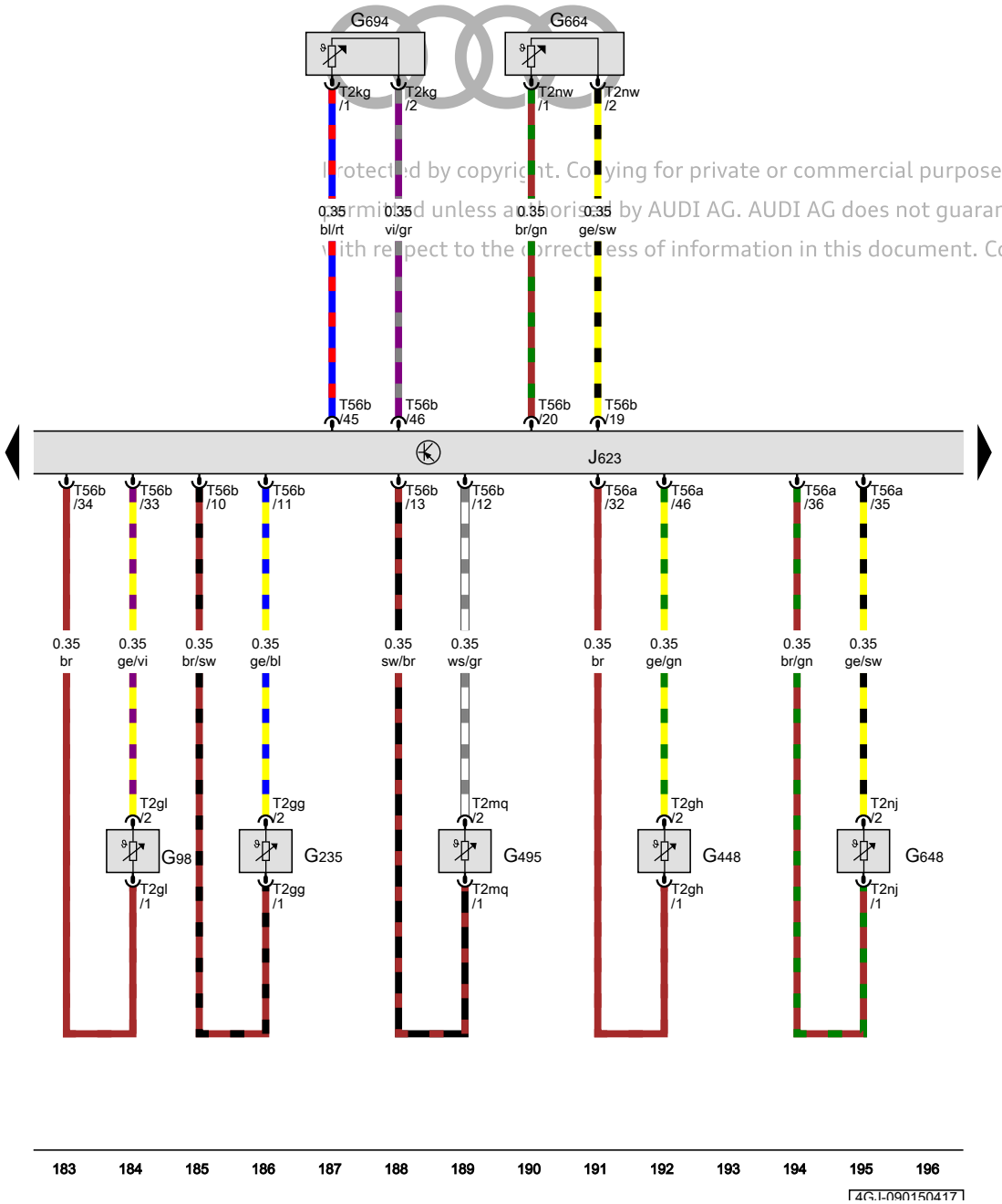
Oil pressure sender, Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine control unit

G10	Oil pressure sender
G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit, in plenum chamber
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T3a	3-pin connector, brown
T3cu	3-pin connector, black
T3d	3-pin connector, black
T6bz	6-pin connector, on right in engine compartment, black
T56c	56-pin connector, black
T56d	56-pin connector, black
*	Different wire colour possible



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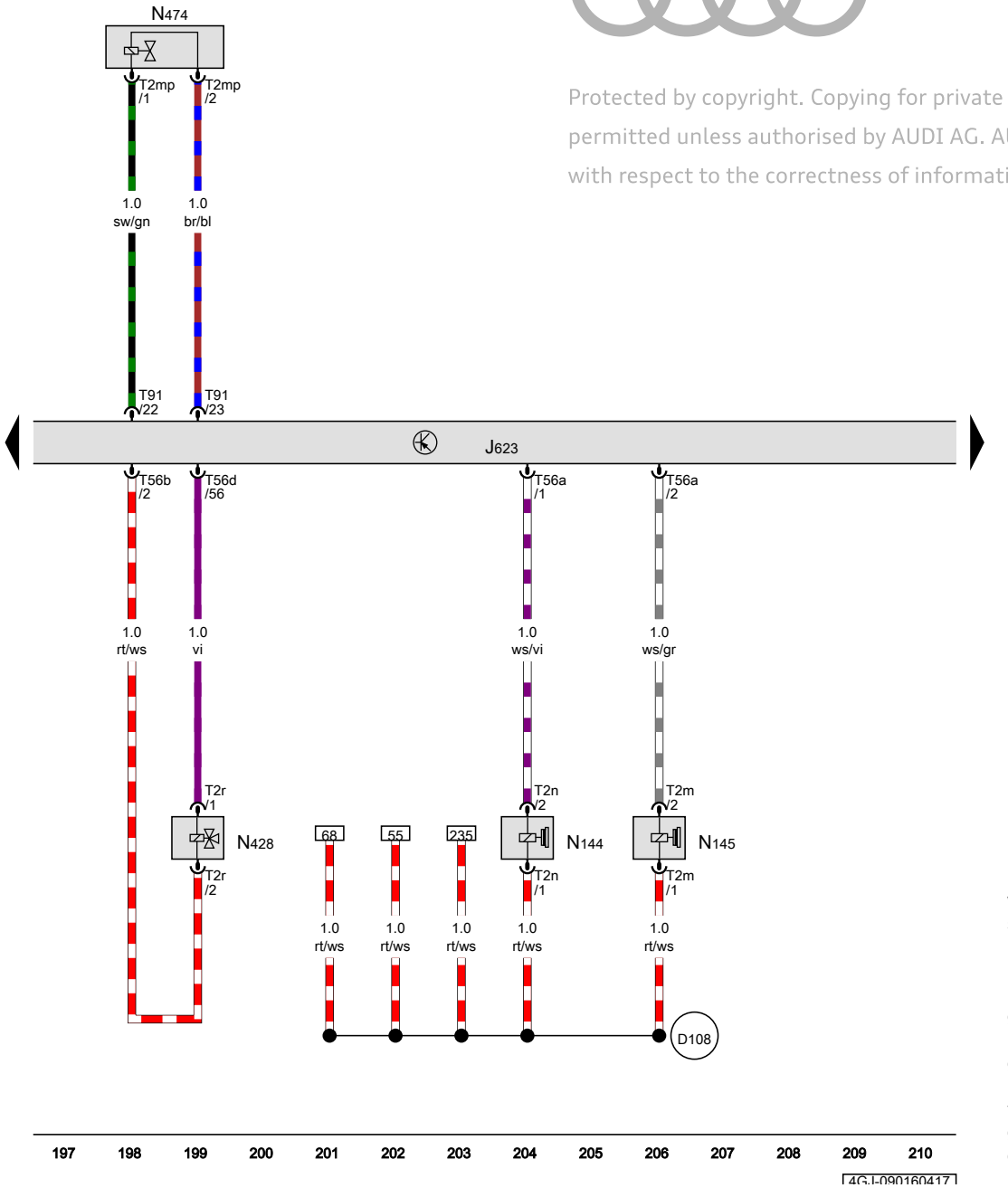
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Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 4, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine control unit

G98	Exhaust gas recirculation temperature sensor, light brown
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit, in plenum chamber
T2gg	2-pin connector, black
T2gh	2-pin connector, black
T2gl	2-pin connector
T2kg	2-pin connector, yellow
T2mq	2-pin connector, brown
T2nj	2-pin connector, light brown
T2nw	2-pin connector, yellow
T56a	56-pin connector, black
T56b	56-pin connector, black

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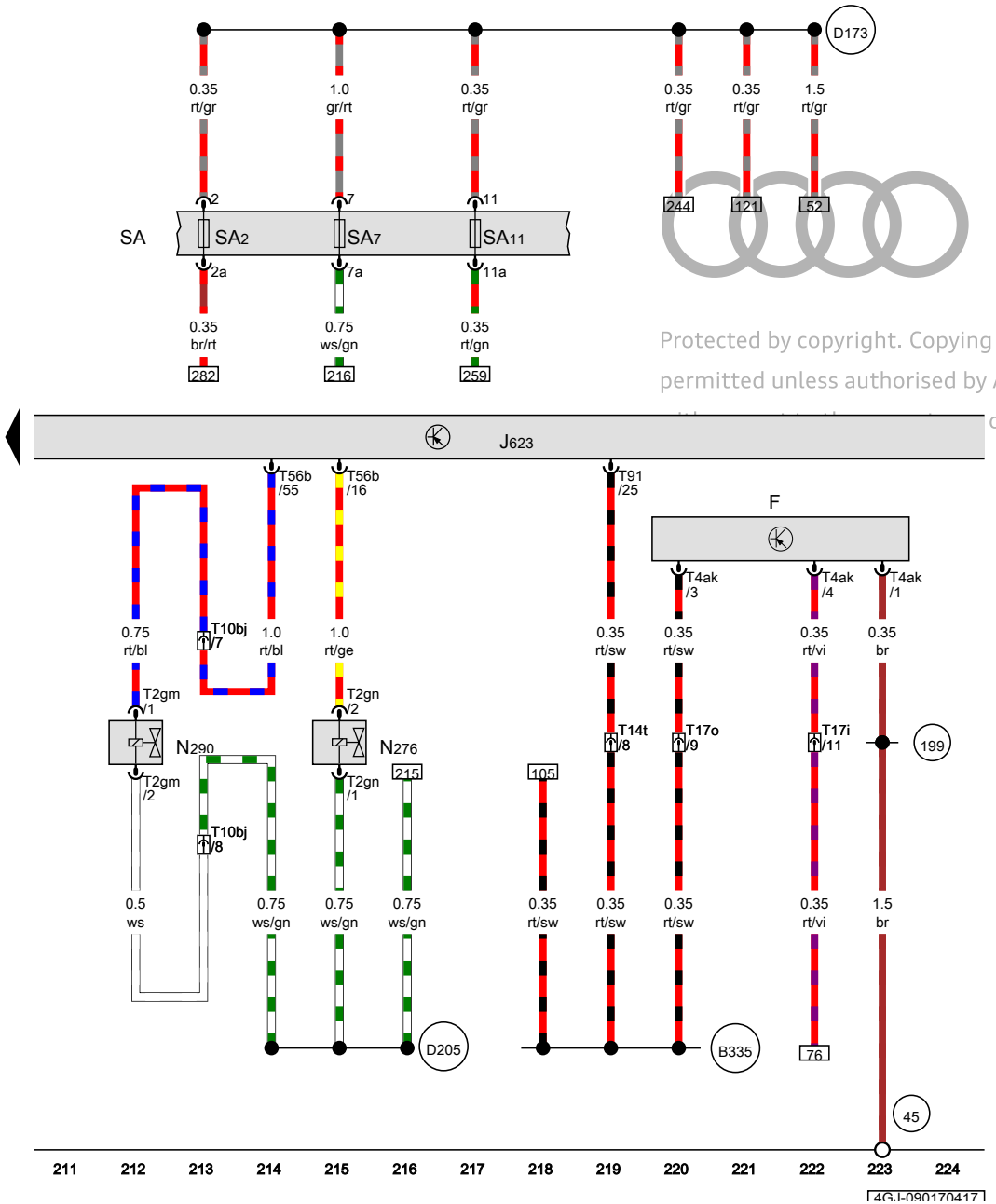


Engine control unit, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control, Injector for reducing agent

J623	Engine control unit, in plenum chamber
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N474	Injector for reducing agent
T2m	2-pin connector, light brown
T2mp	2-pin connector, black
T2n	2-pin connector, light brown
T2r	2-pin connector, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T56d	56-pin connector, black
T91	91-pin connector, black
D108	Connection 6 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Brake light switch, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



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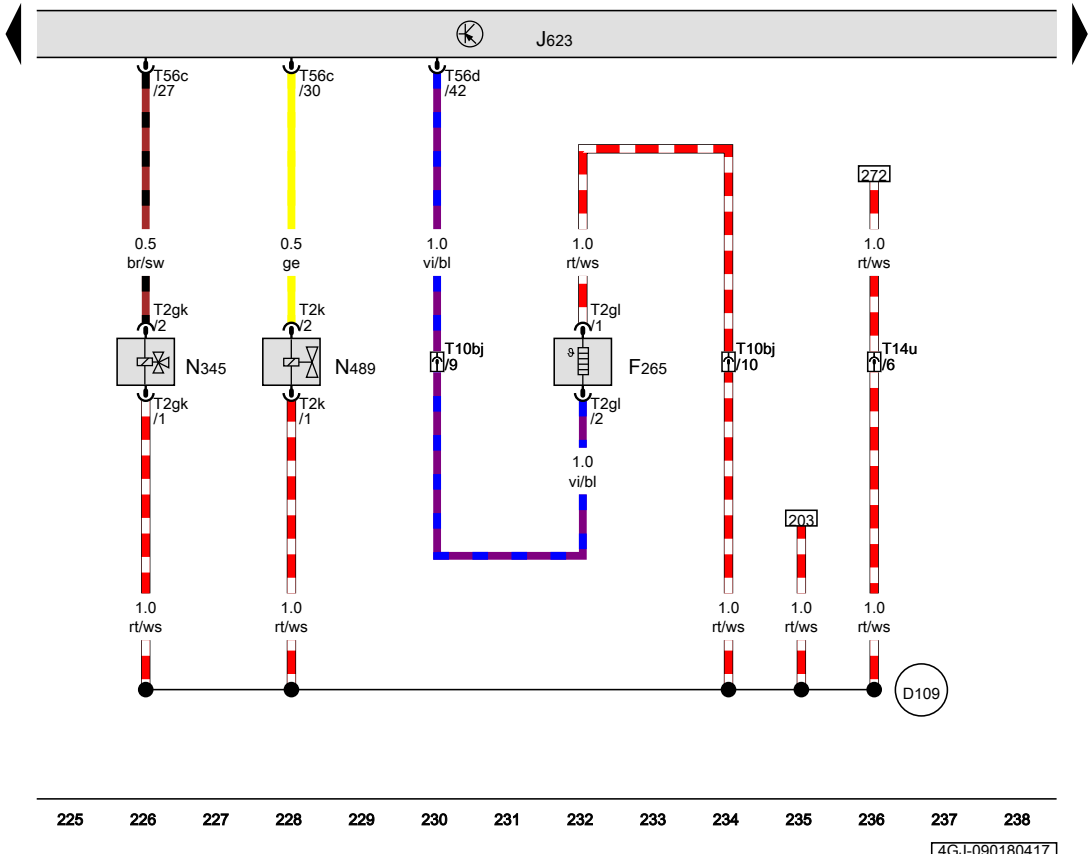
F	Brake light switch
J623	Engine control unit, in plenum chamber
N276	Fuel pressure regulating valve
N290	Fuel metering valve
SA	Fuse holder A
SA2	Fuse 2 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA11	Fuse 11 on fuse holder A
T2gm	2-pin connector
T2gn	2-pin connector, black
T4ak	4-pin connector
T10bj	10-pin connector, on right in engine compartment, black
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T56b	56-pin connector, black
T91	91-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D173	Connection (87), in engine prewiring harness
D205	Connection 3 (87a) in engine prewiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
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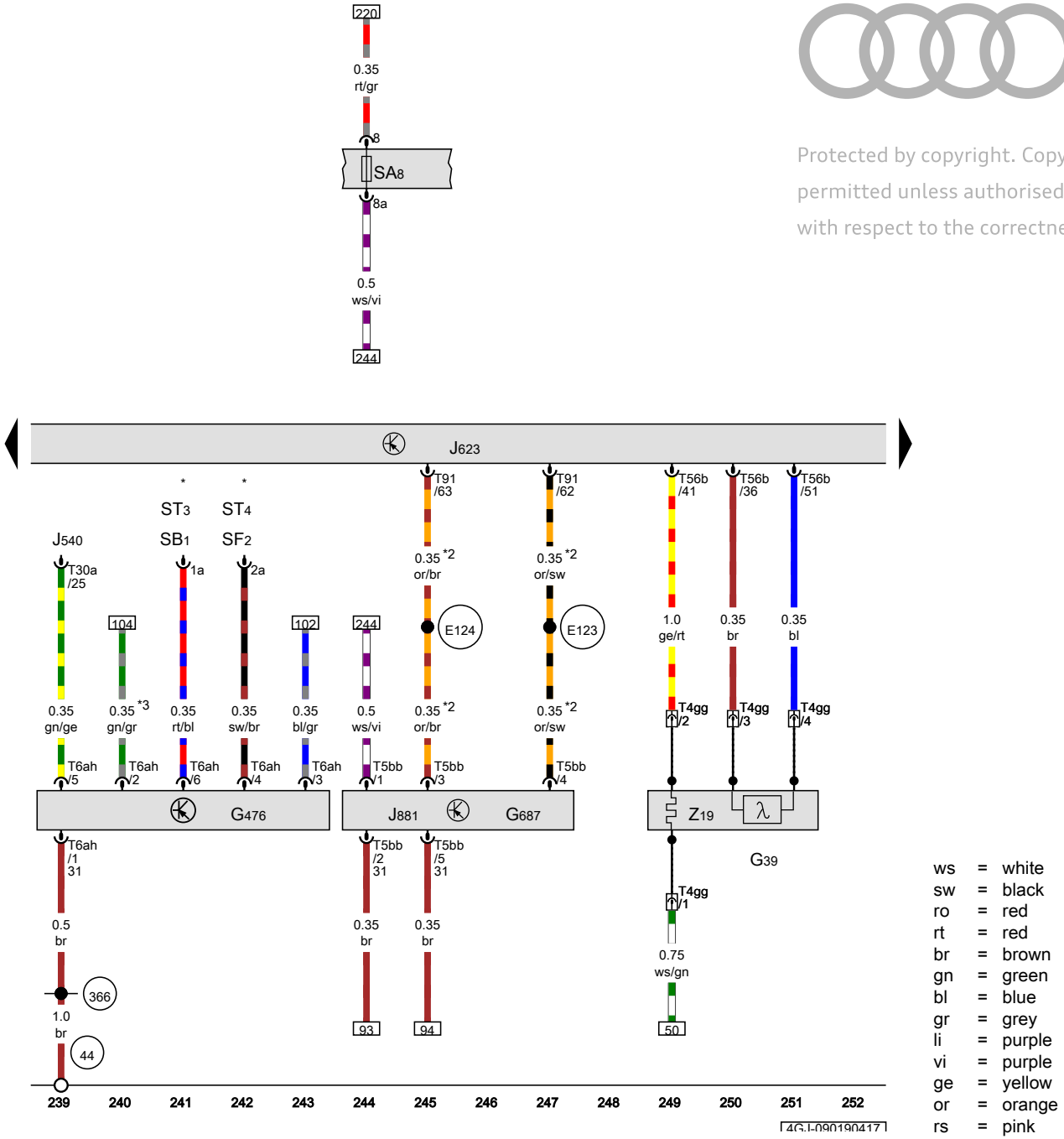
Map-controlled engine cooling system thermostat, Engine control unit, Exhaust gas recirculation cooler changeover valve, Coolant valve for cylinder head

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit, in plenum chamber
N345	Exhaust gas recirculation cooler changeover valve
N489	Coolant valve for cylinder head
T2gk	2-pin connector, black
T2gl	2-pin connector
T2k	2-pin connector, black
T10bj	10-pin connector, on right in engine compartment, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T56c	56-pin connector, black
T56d	56-pin connector, black
D109	Connection 7 in engine compartment wiring harness

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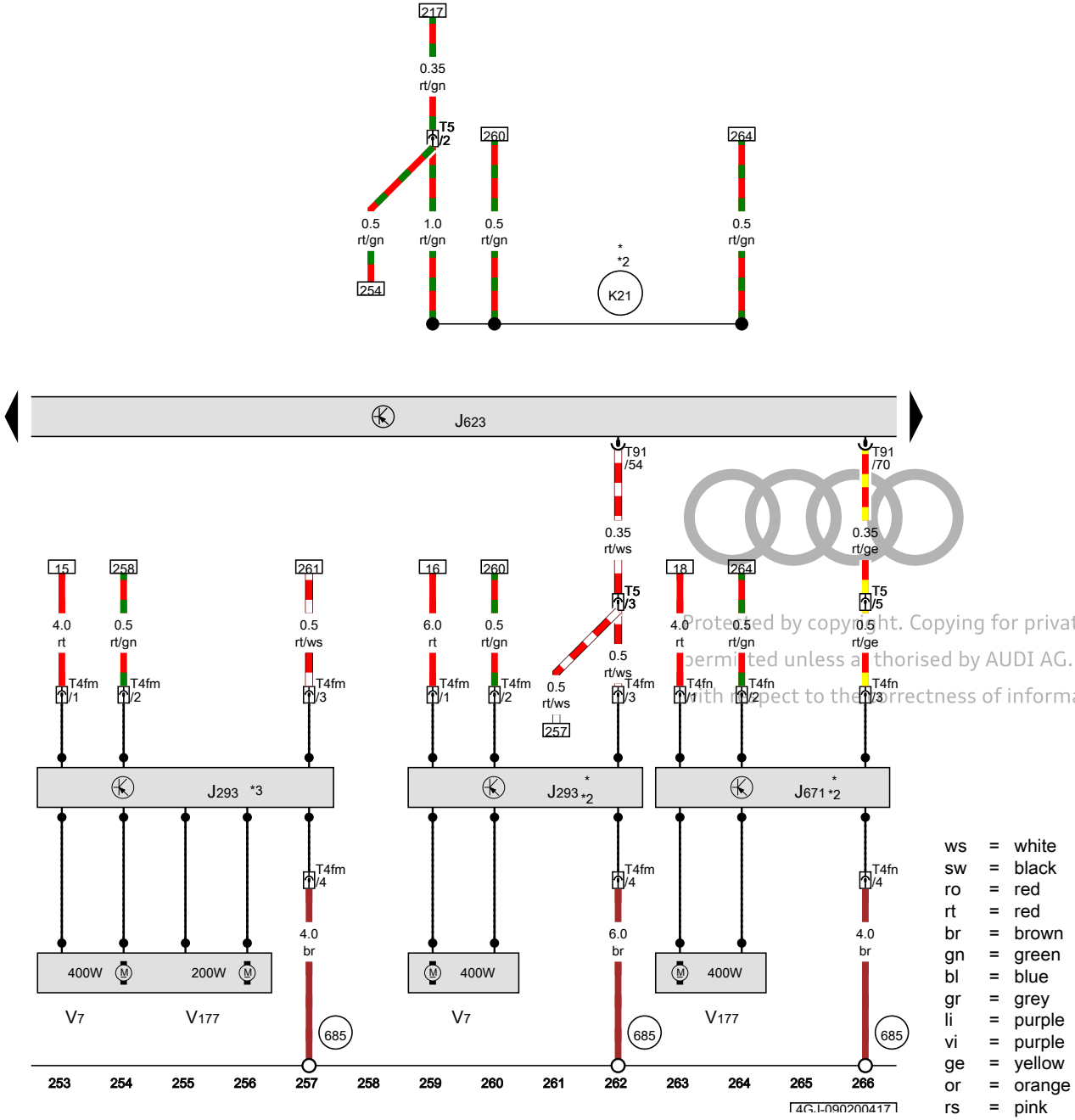
Lambda probe, Clutch position sender, Engine control unit, Control unit for NOx sender 2, Lambda probe heater

G39	Lambda probe
G476	Clutch position sender
G687	NOx sender 2
J540	Control unit for electromechanical parking brake
J623	Engine control unit, in plenum chamber
J881	Control unit for NOx sender 2
SB1	Fuse 1 on fuse holder B
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SA8	Fuse 8 on fuse holder A
T4gg	4-pin connector, black
T5bb	5-pin connector, black
T6ah	6-pin connector
T30a	30-pin connector
T56b	56-pin connector, black
T91	91-pin connector, black
Z19	Lambda probe heater
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	Only models with manual gearbox

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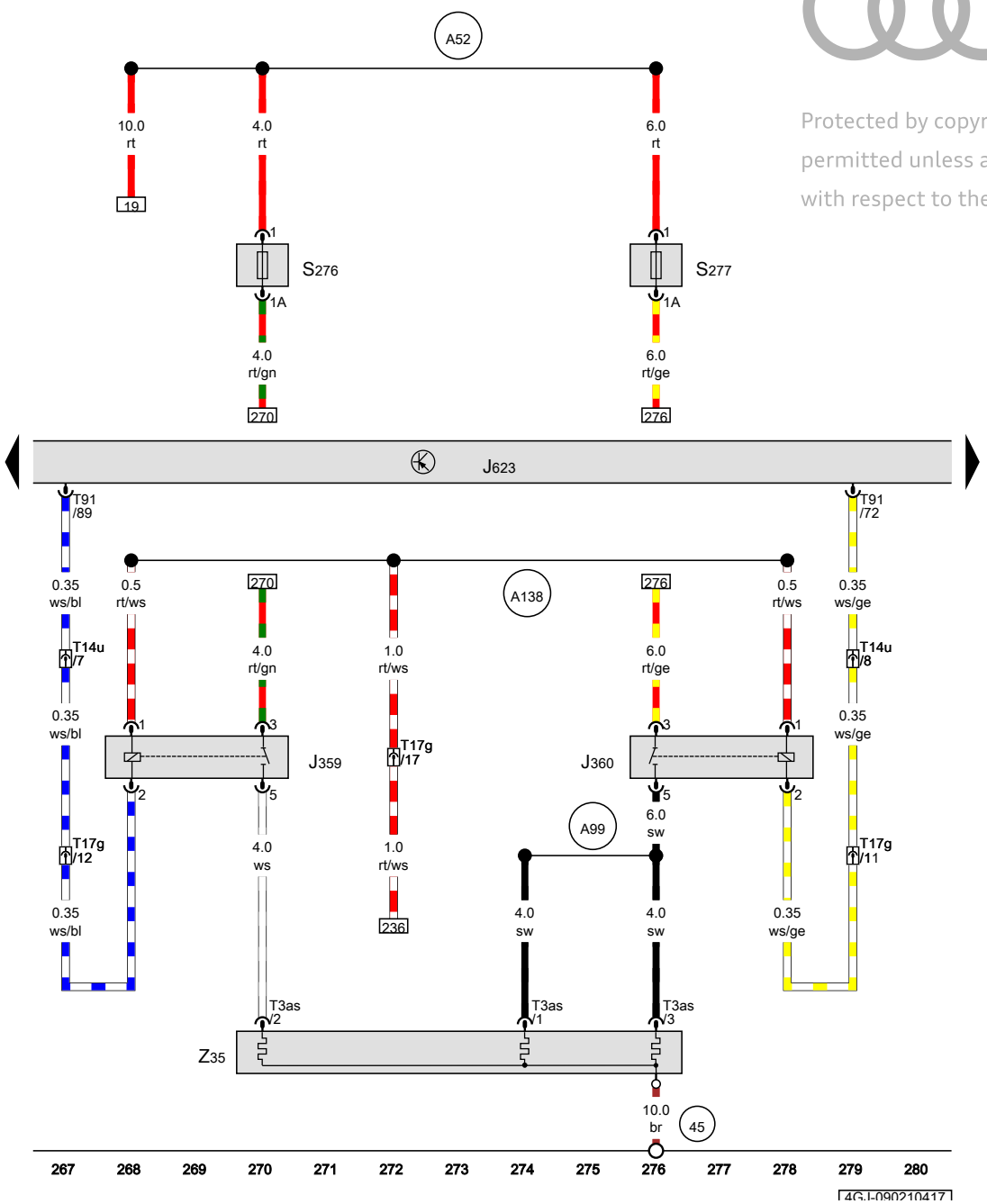
Radiator fan control unit, Engine control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine control unit, in plenum chamber
J671	Radiator fan control unit 2
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T91	91-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Hot country version
*2	Only models with towing bracket
*3	Only models with no towing bracket



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rt	=	red
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gn	=	green
bl	=	blue
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

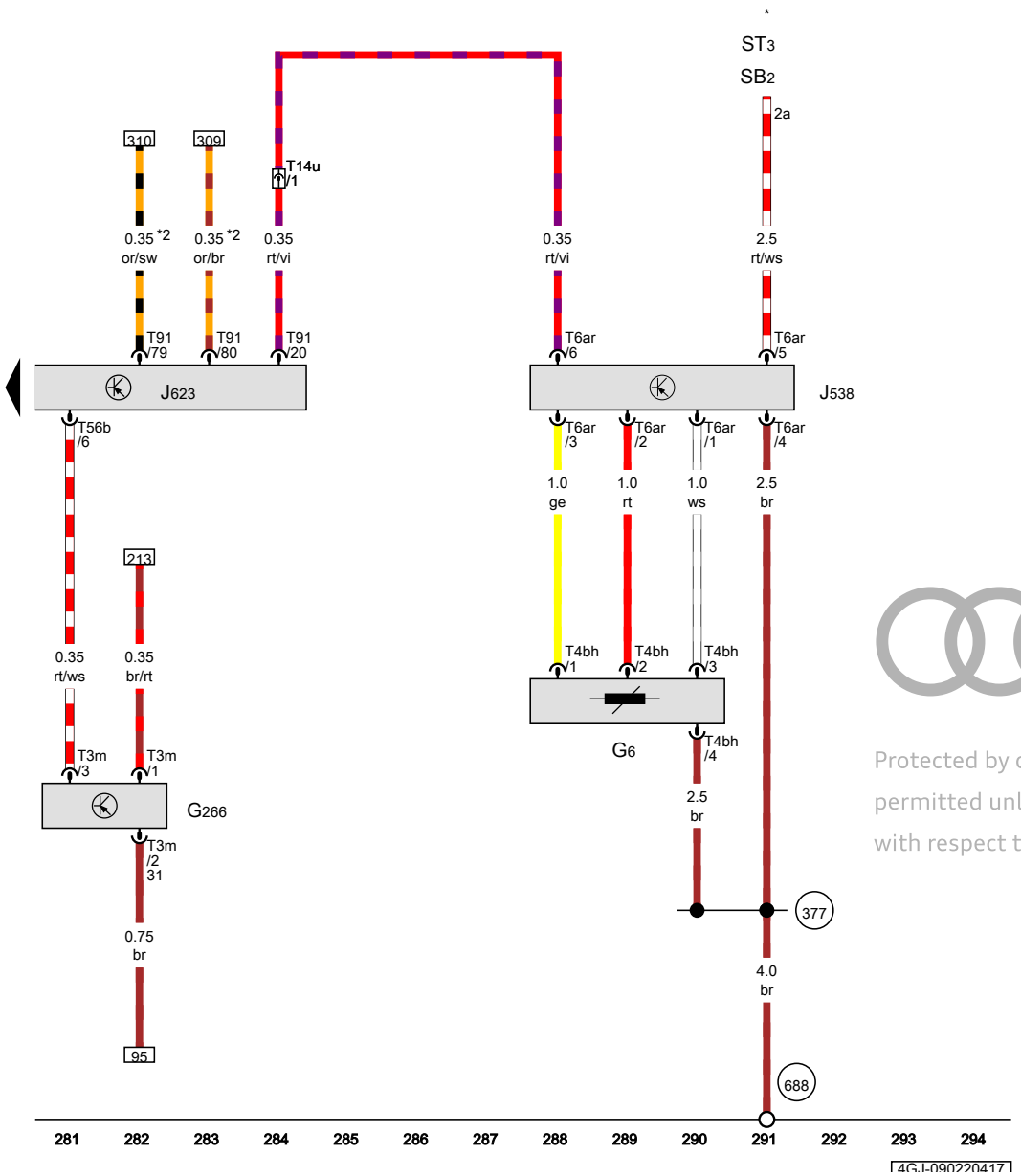


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Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit, in plenum chamber
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17g	17-pin connector, in left A-pillar coupling station, blue
T91	91-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

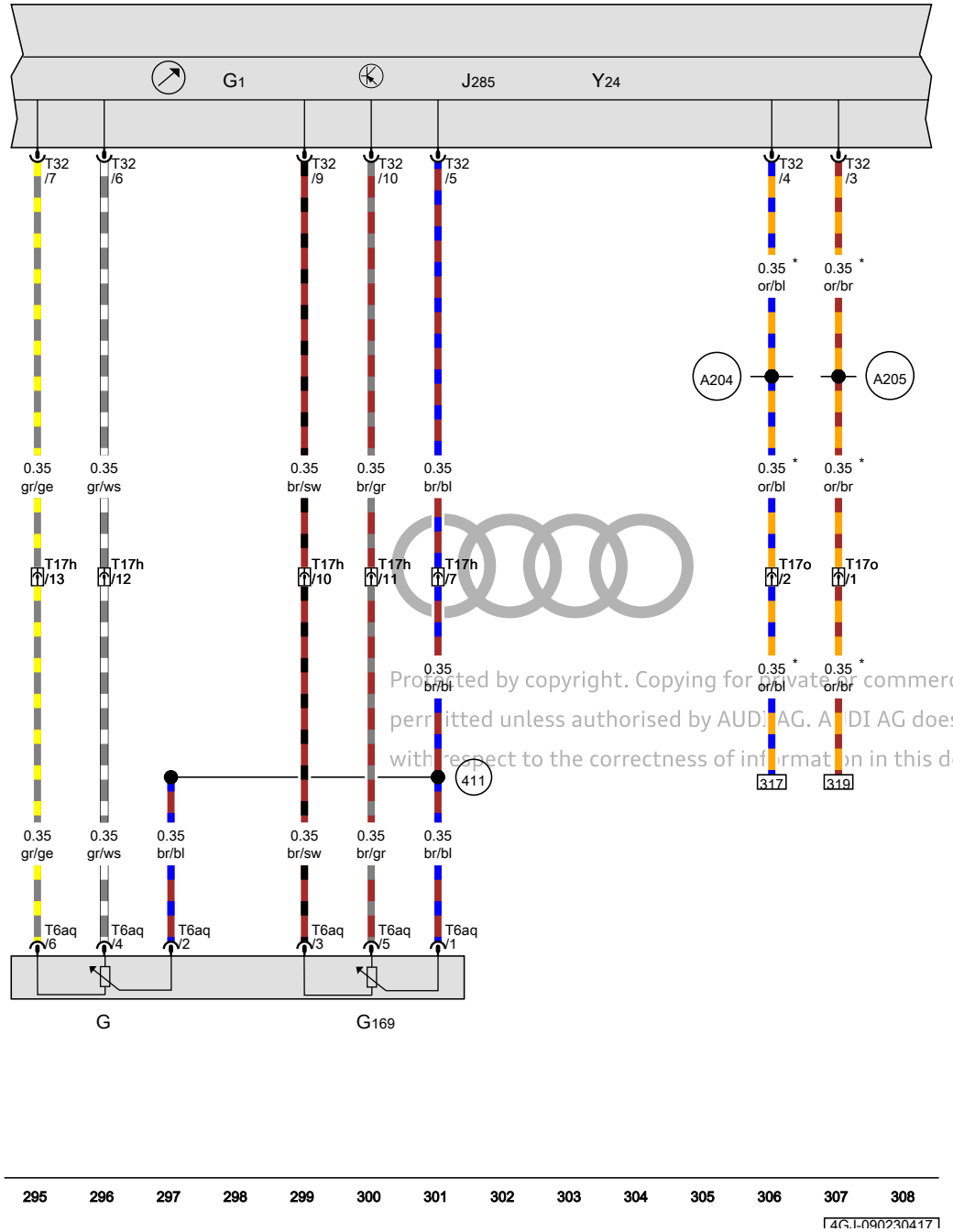


Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine control unit, in plenum chamber
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bh	4-pin connector
T6ar	6-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T56b	56-pin connector, black
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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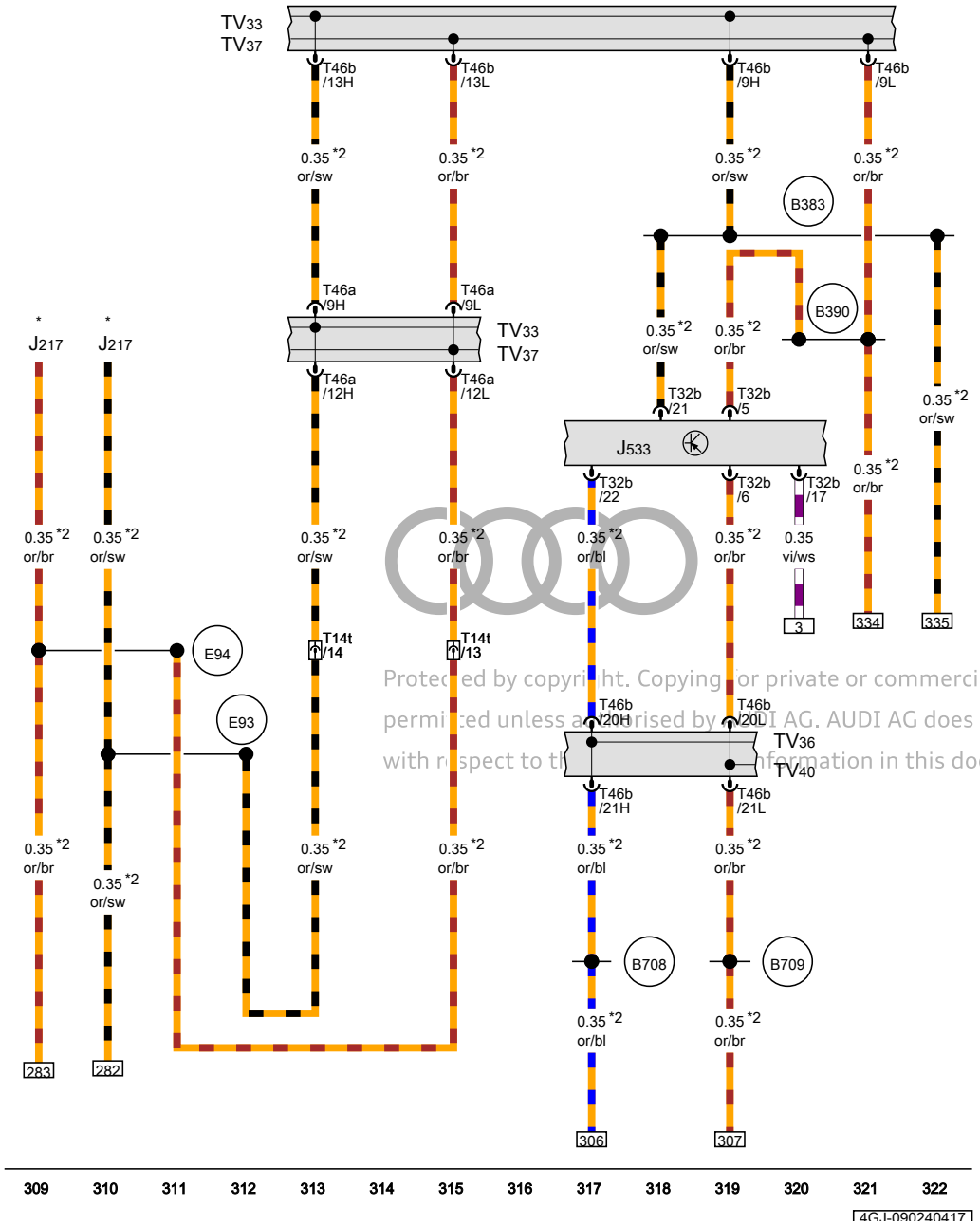


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

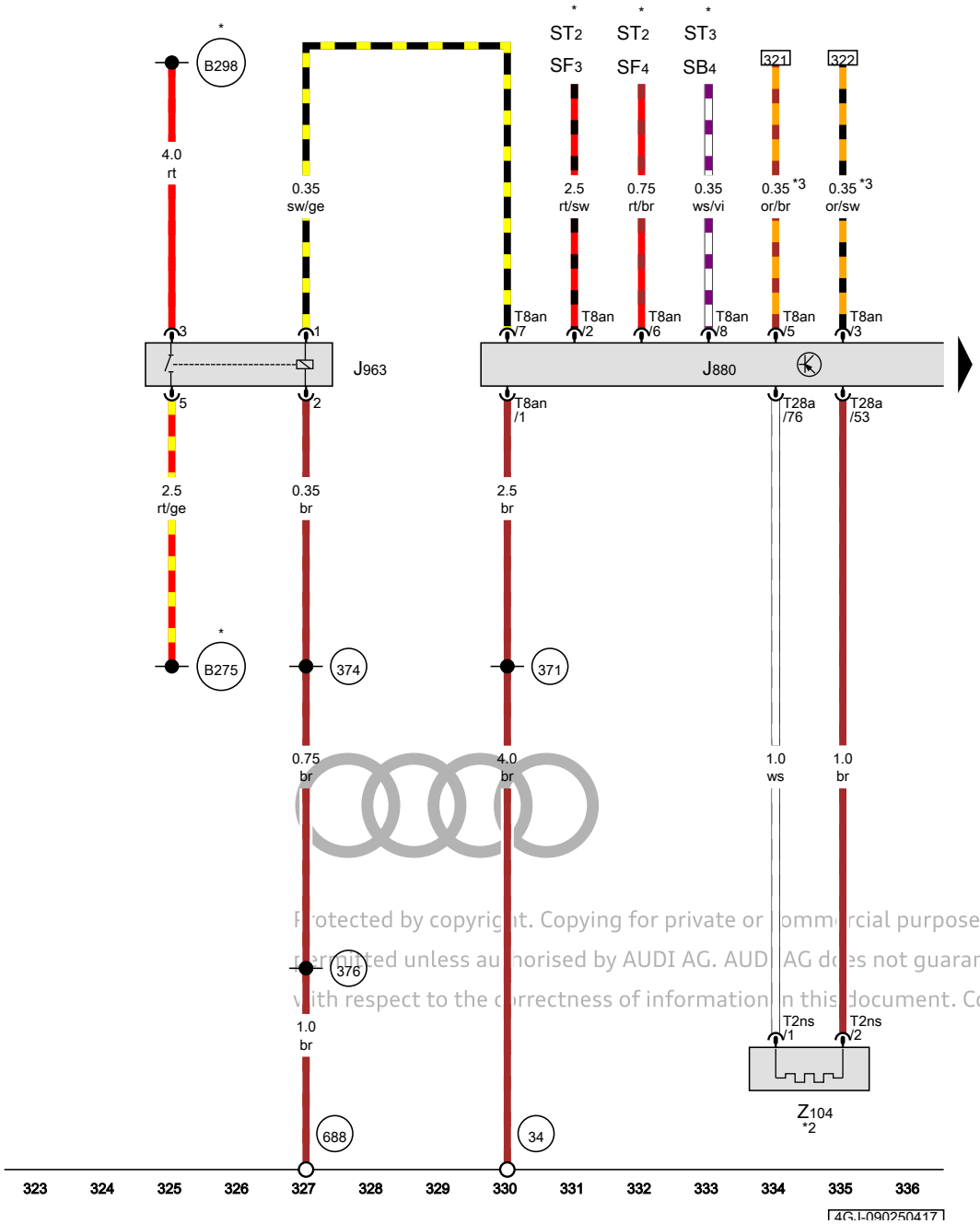


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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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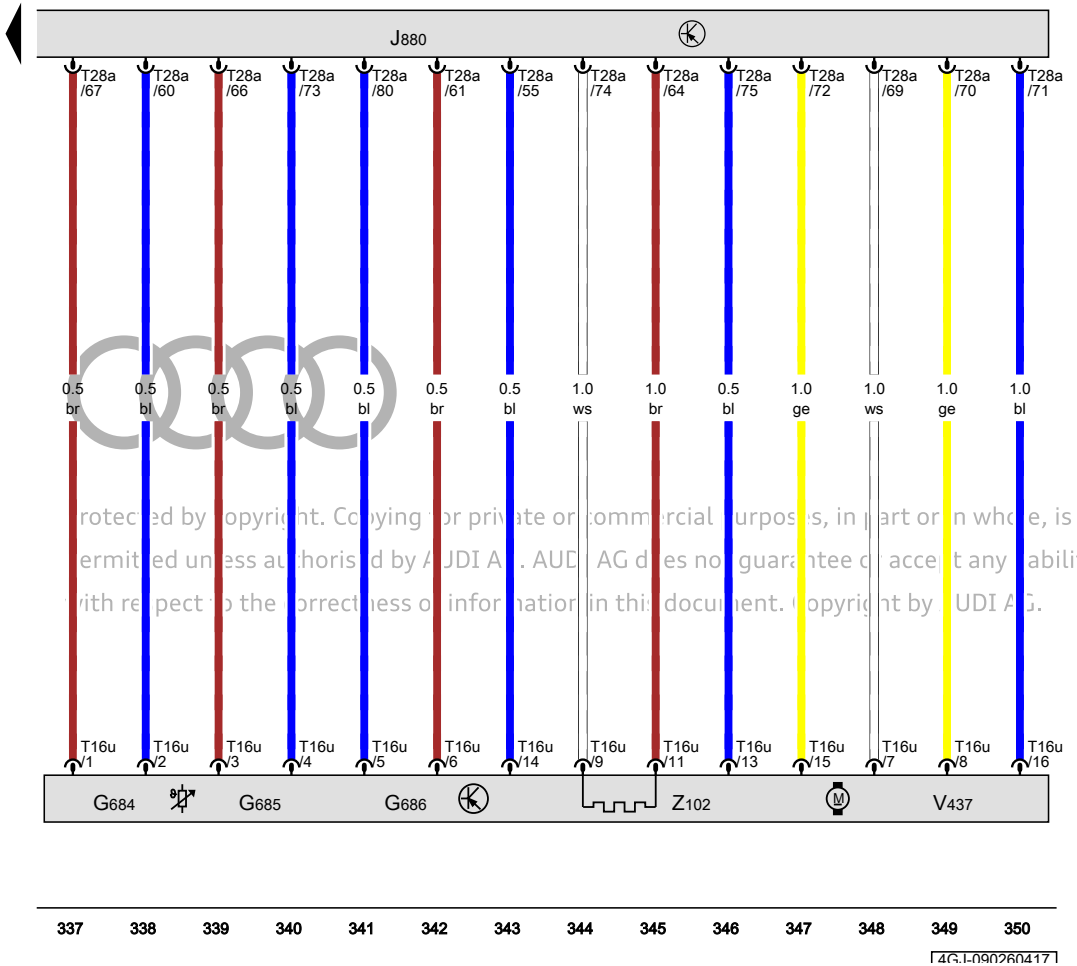
Control unit for reducing agent metering system, Relay for reducing agent metering system, Heater for reducing agent line (heater circuit 2)

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SB4	Fuse 4 on fuse holder B
T2ns	2-pin connector
T8an	8-pin connector, black
T28a	28-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B275	Positive connection (87), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Heater for reducing agent line can comprise multiple sections
*3	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Control unit for reducing agent metering system, Pump for reducing agent, Heater for reducing agent tank (heater circuit 1)

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T16u	16-pin connector
T28a	28-pin connector, black
V437	Pump for reducing agent
Z102	Heater for reducing agent tank (heater circuit 1)



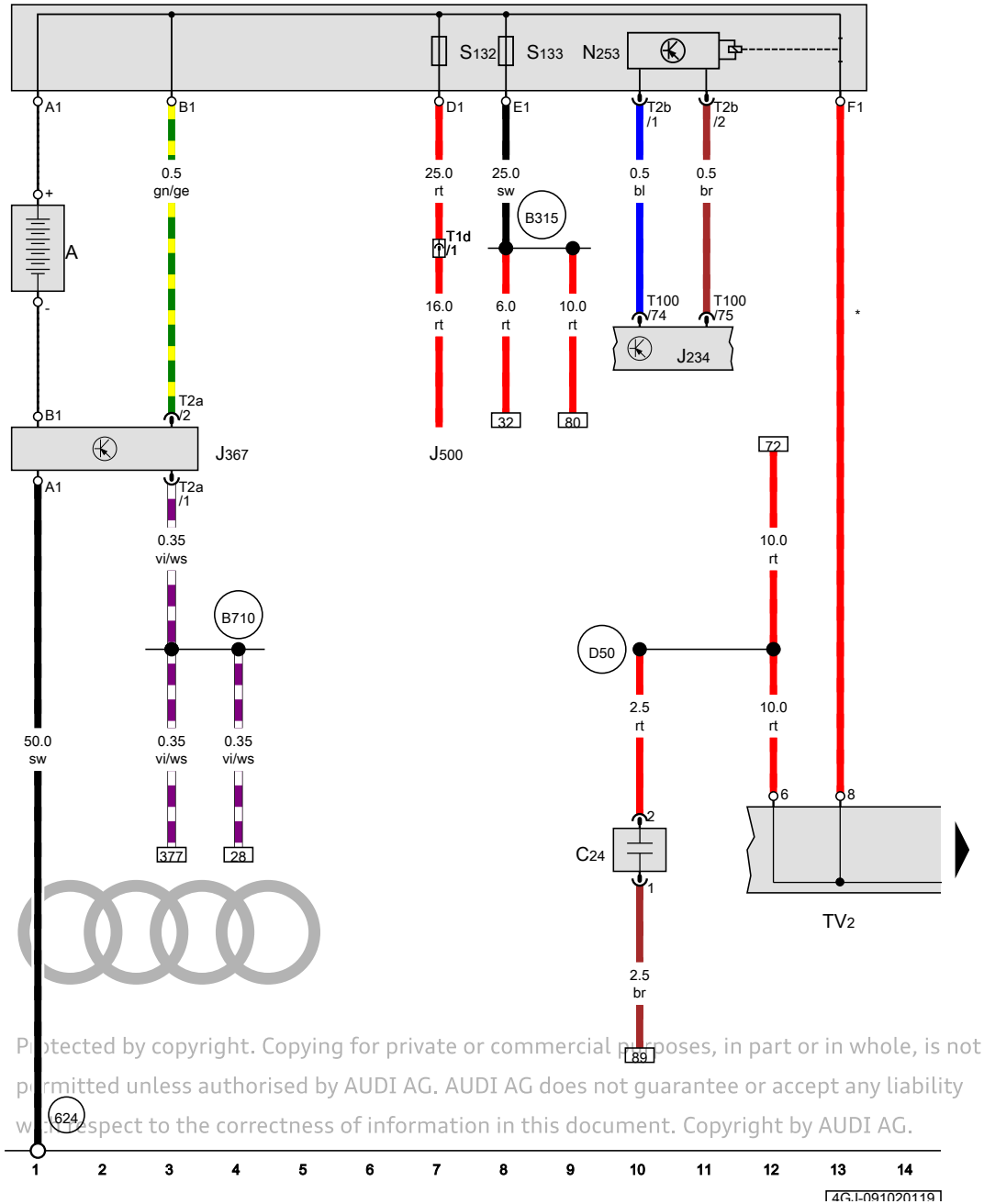
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3.0l diesel engine , CVUA,CVUB

From September 2014

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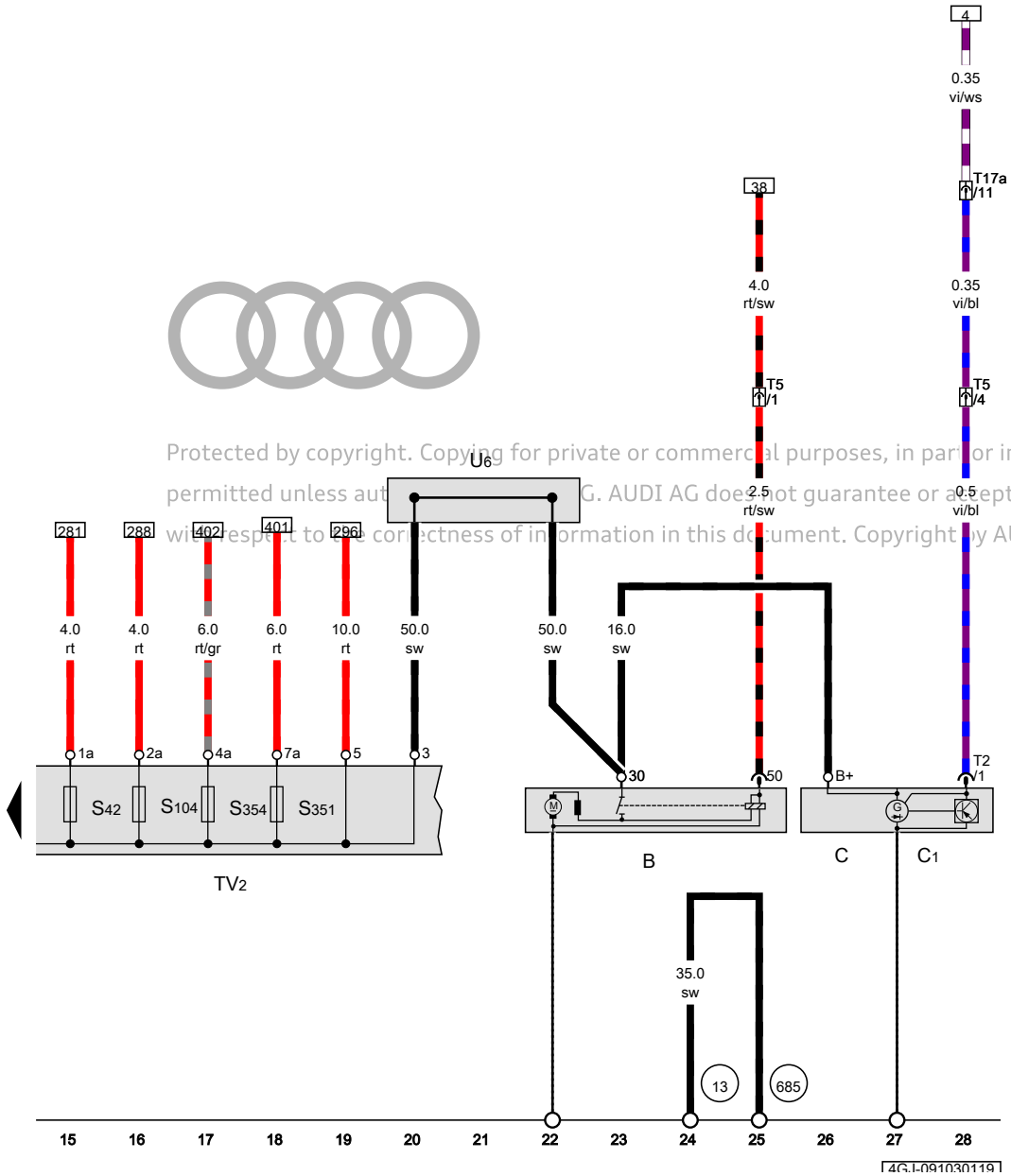
Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector, yellow
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Flat conductor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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rs	=	pink

Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
S351	Catalytic converter heater fuse
S354	Catalytic converter heater fuse 2
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member

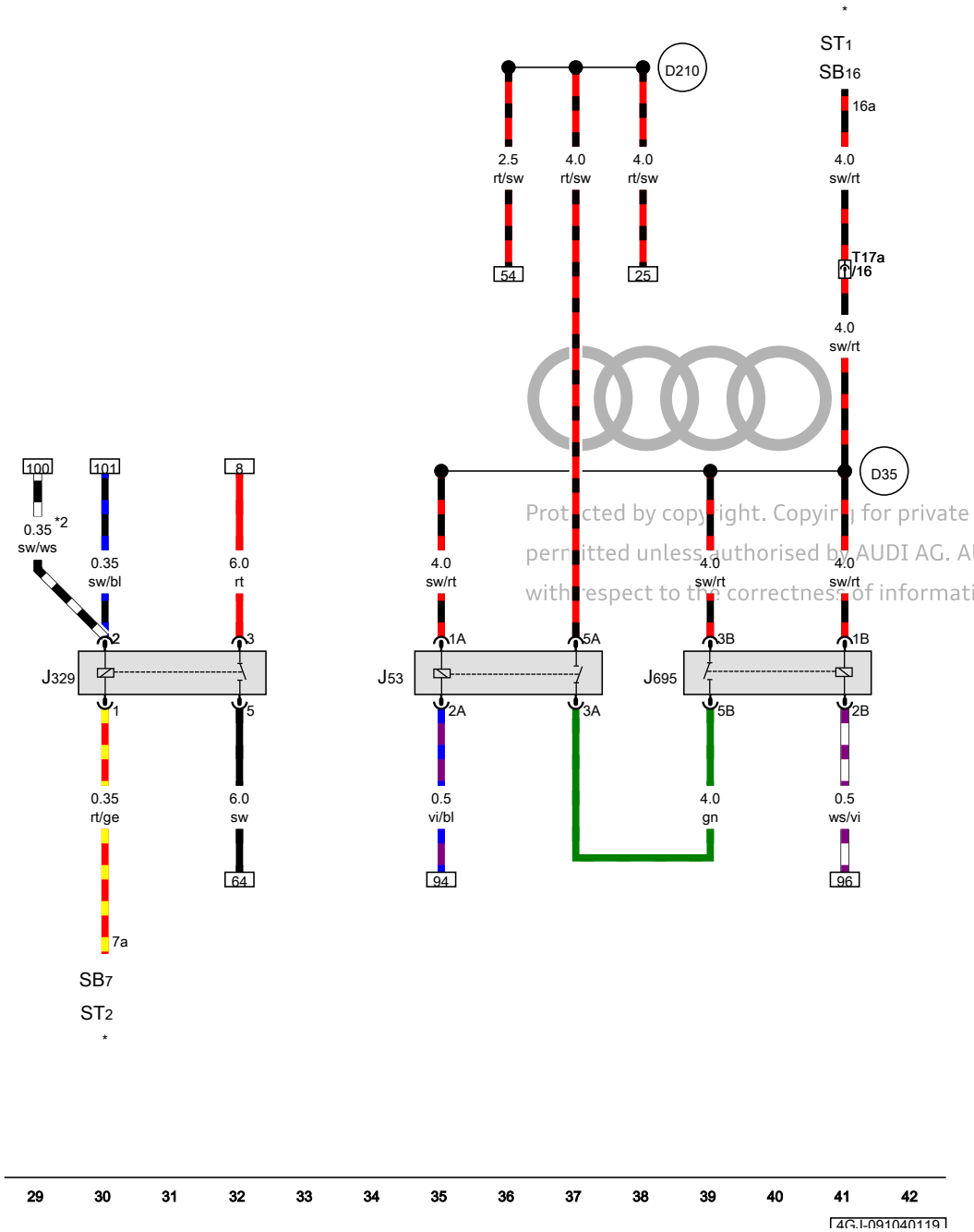


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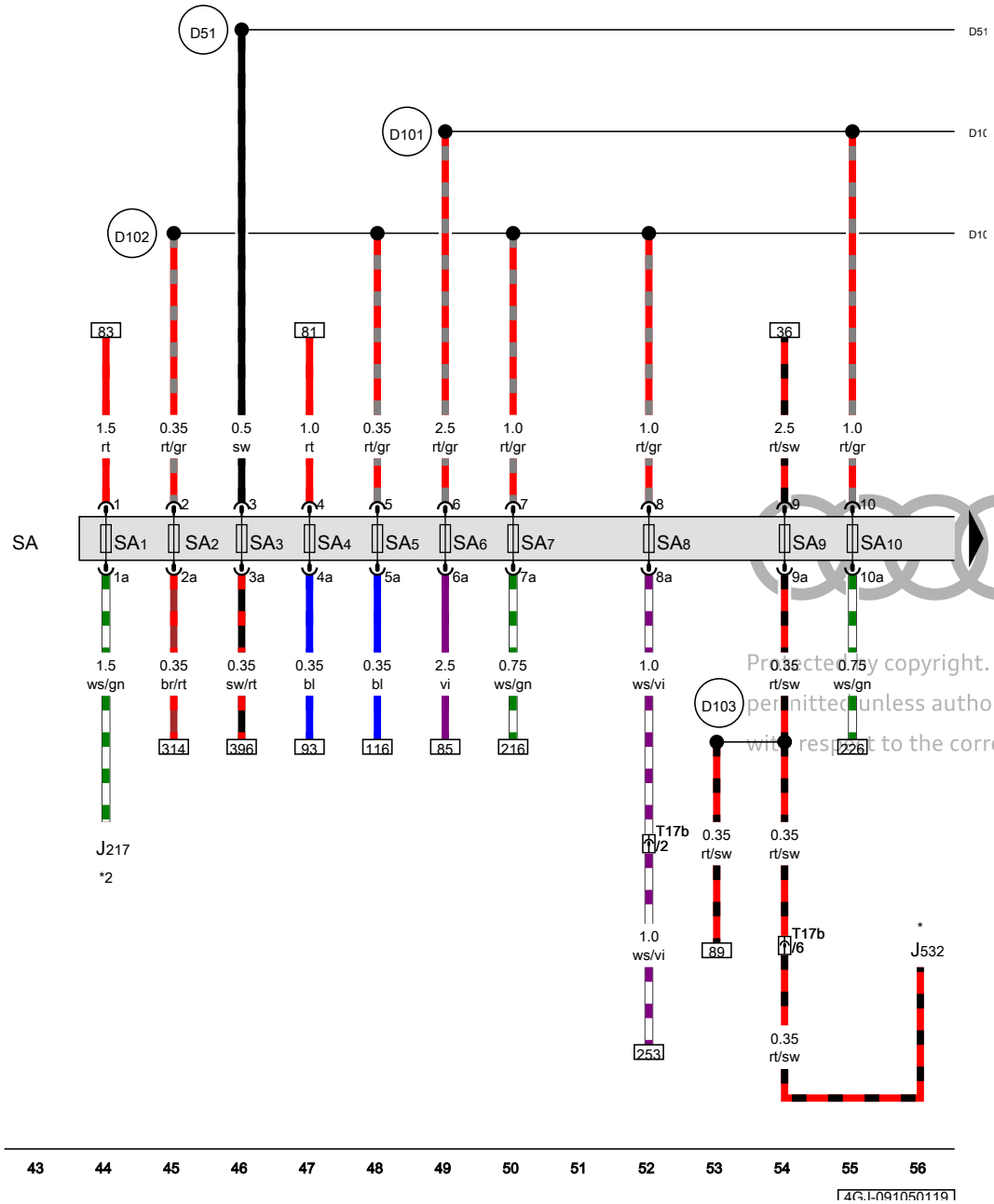
Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models



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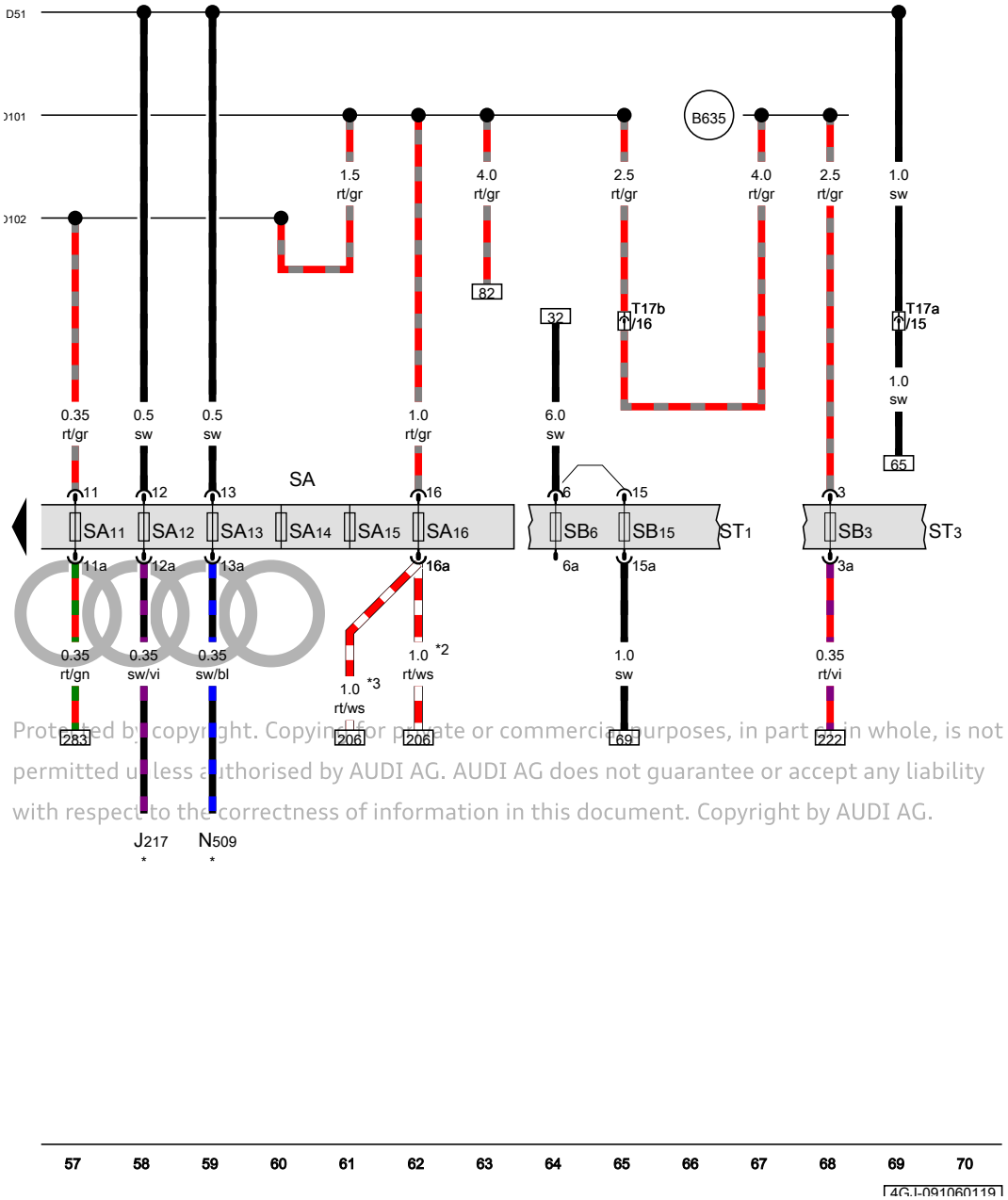


Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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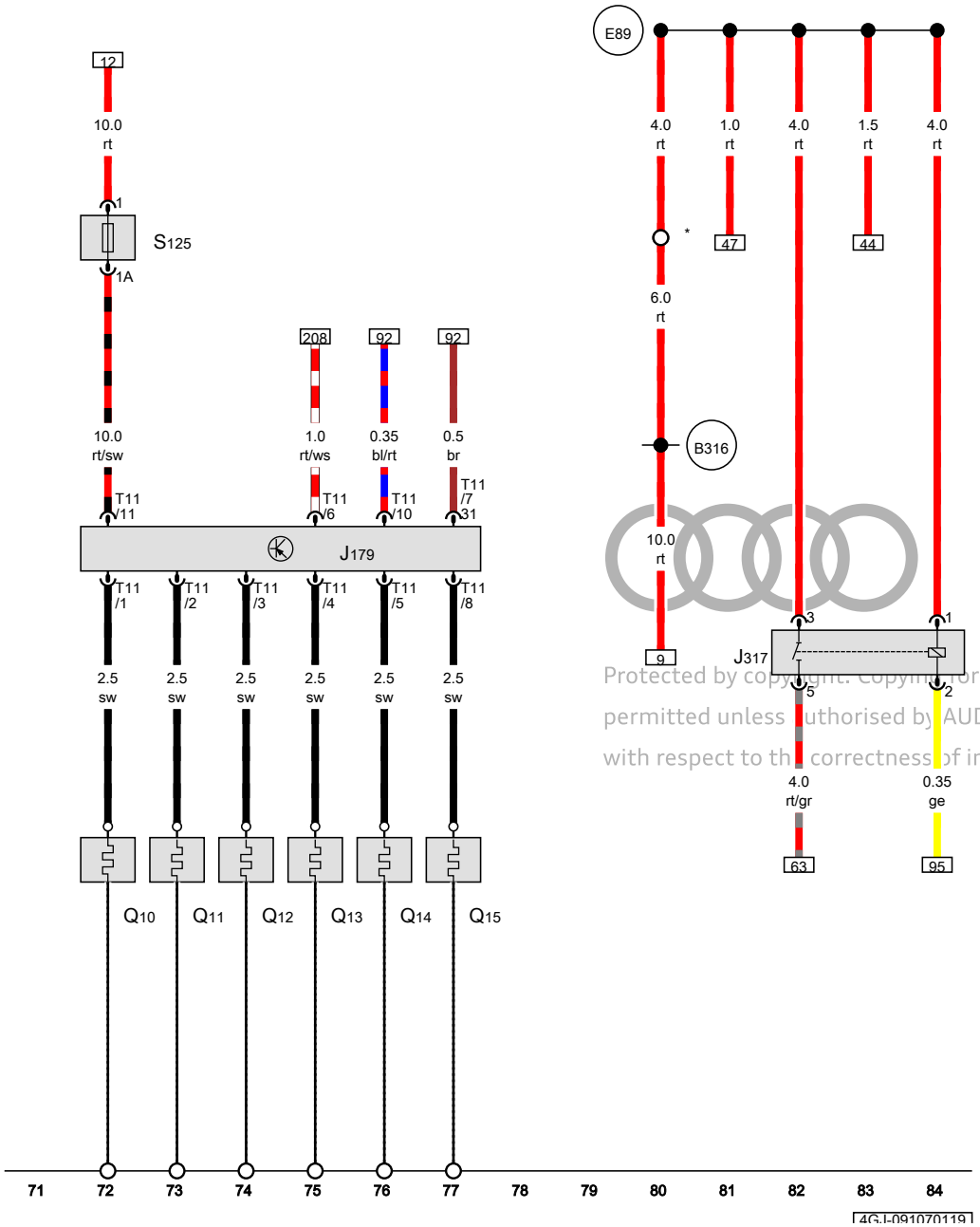
Fuse holder A

J217	Automatic gearbox control unit
N509	Gearbox oil cooling valve
SA	Fuse holder A
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SB15	Fuse 15 on fuse holder B
SA16	Fuse 16 on fuse holder A
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
B635	Positive connection 3 (87), in main wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Gradually discontinued
*3	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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or	=	orange
rs	=	pink

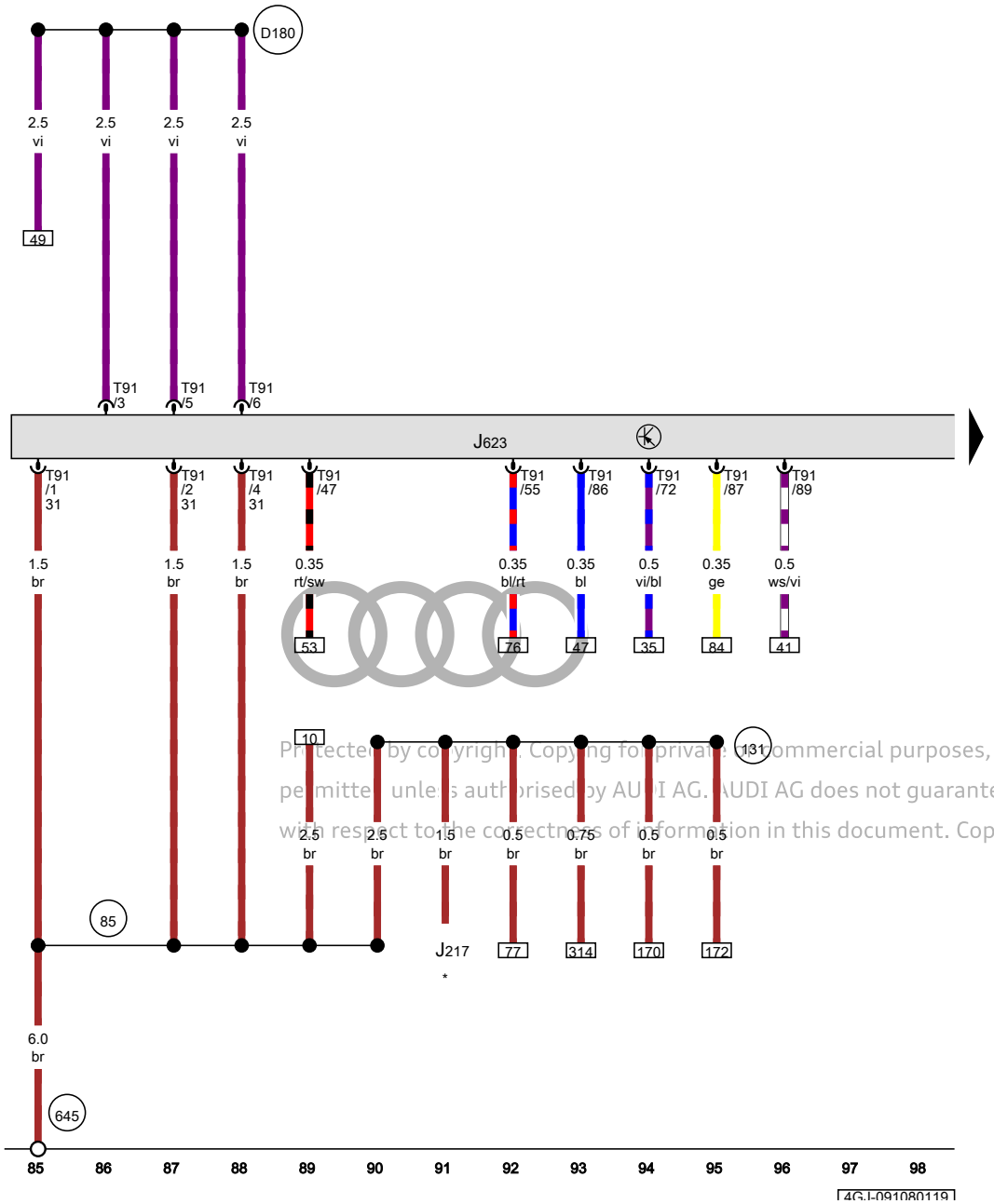
Automatic glow period control unit, Terminal 30 voltage supply relay

J179	Automatic glow period control unit
J317	Terminal 30 voltage supply relay
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
T11	11-pin connector, black
B316	Positive connection 2 (30a) in main wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

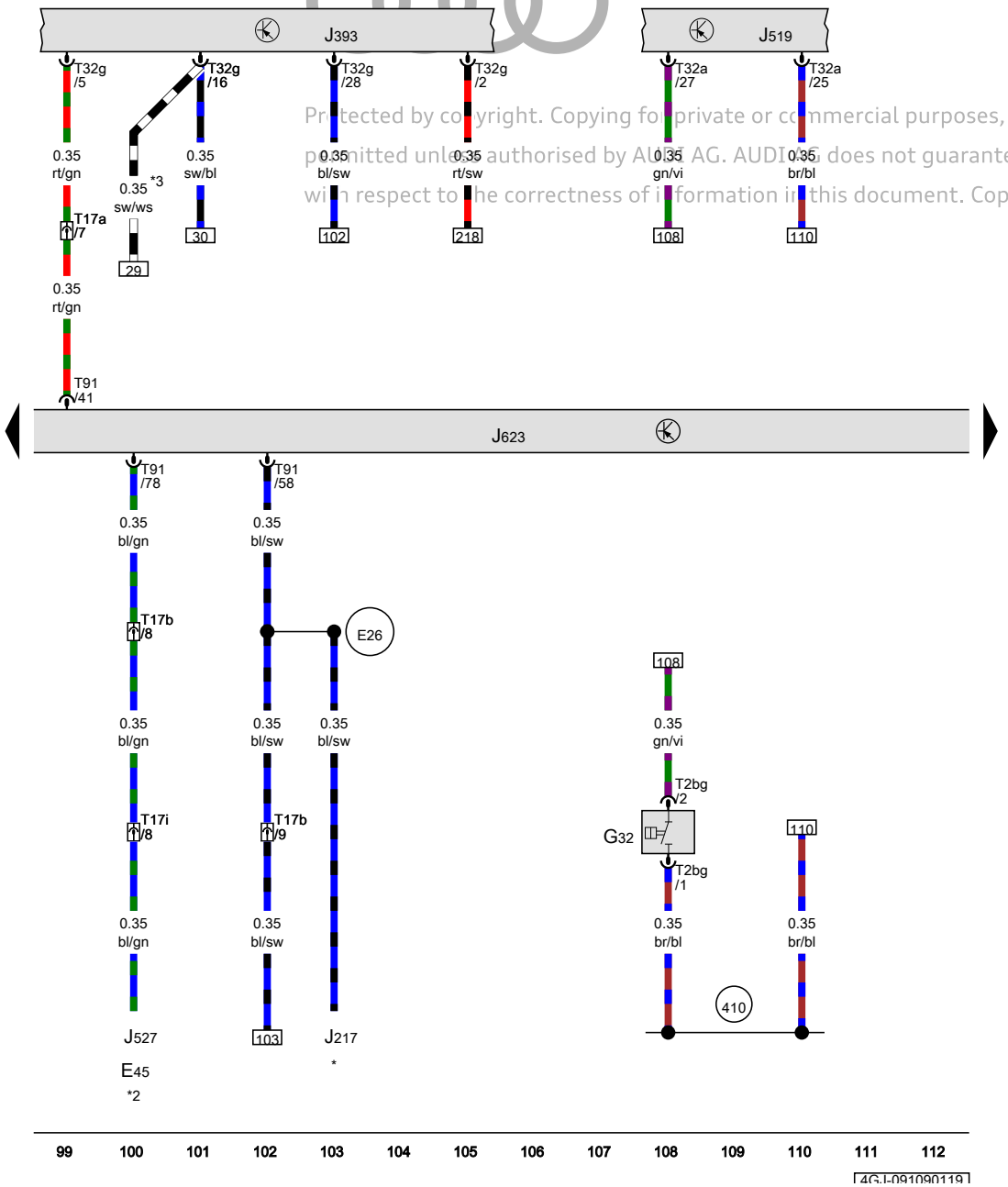


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Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T91	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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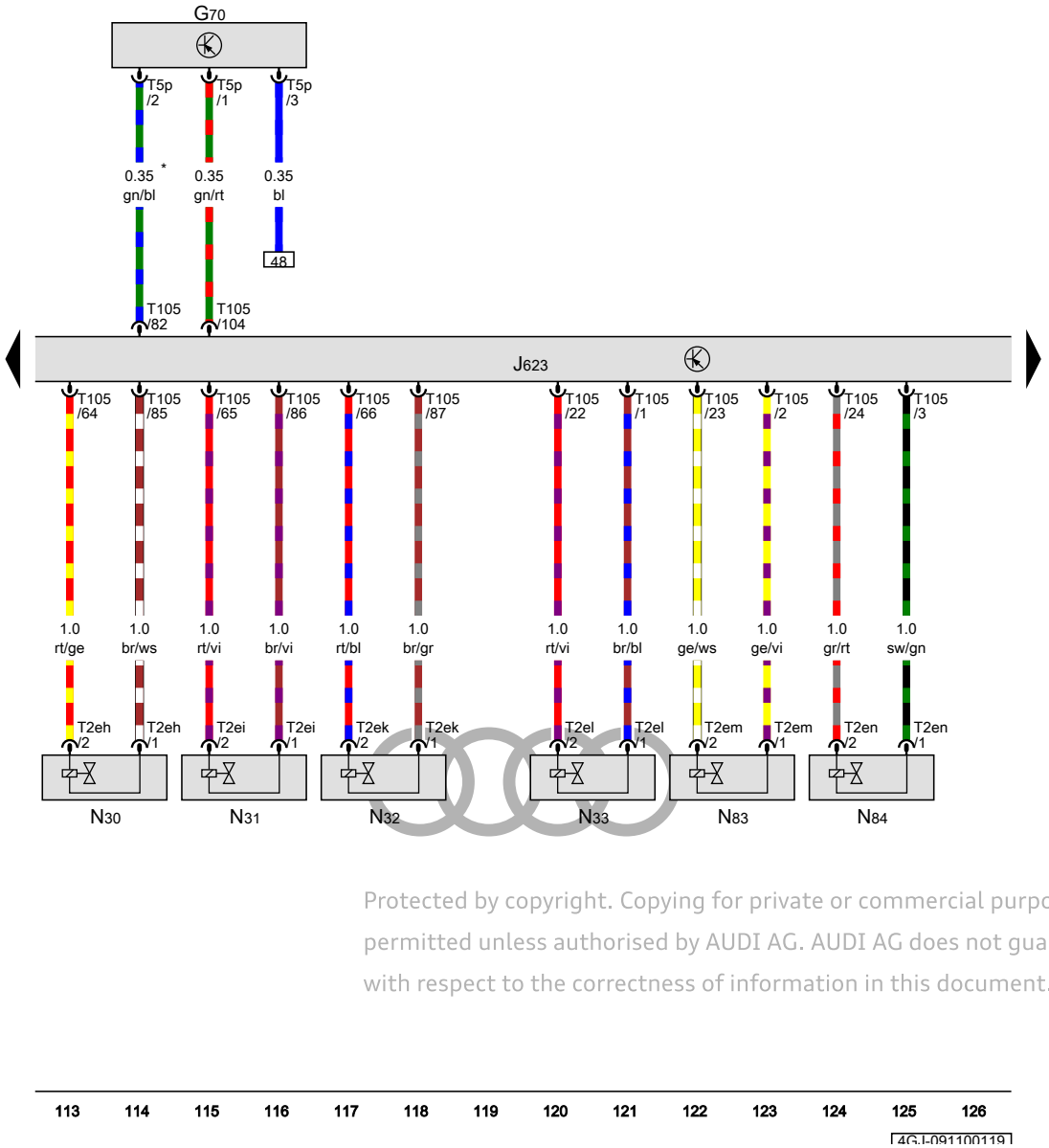
Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector, black
T32g	32-pin connector, grey
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with cruise control system (CCS)
*3	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

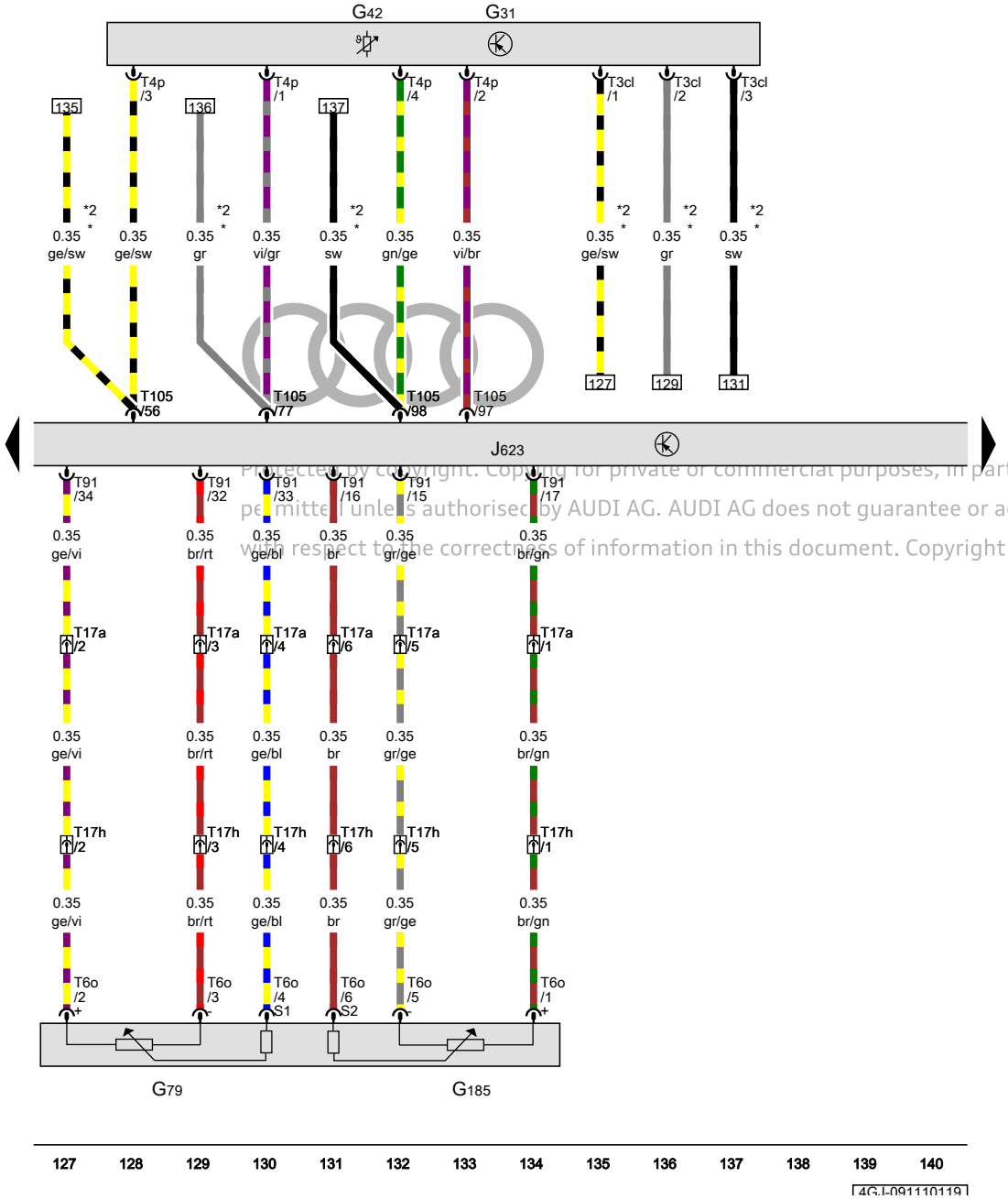
Air mass meter, Engine/motor control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T5p	5-pin connector, black
T105	105-pin connector, black
*	Wiring colour depends on equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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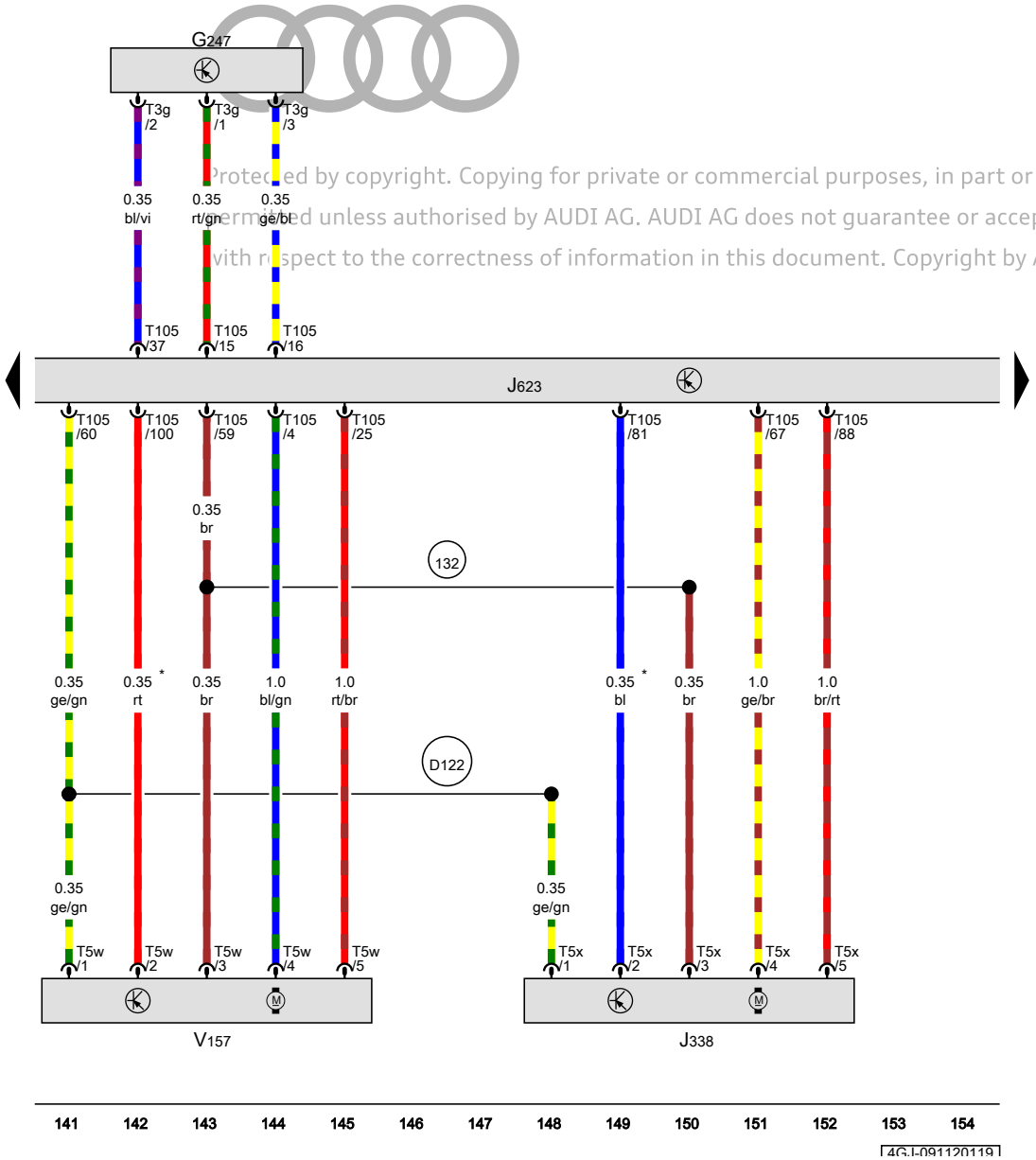
Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T3cl	3-pin connector, black
T4p	4-pin connector, black
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black
*	gradual introduction
*2	Gradually discontinued

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuel pressure sender, Throttle valve module, Engine/motor control unit, Intake manifold flap motor

G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit
T3g	3-pin connector, black
T5w	5-pin connector, black
T5x	5-pin connector, black
T105	105-pin connector, black
V157	Intake manifold flap motor
132	Earth connection 3, in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	Wiring colour depends on equipment



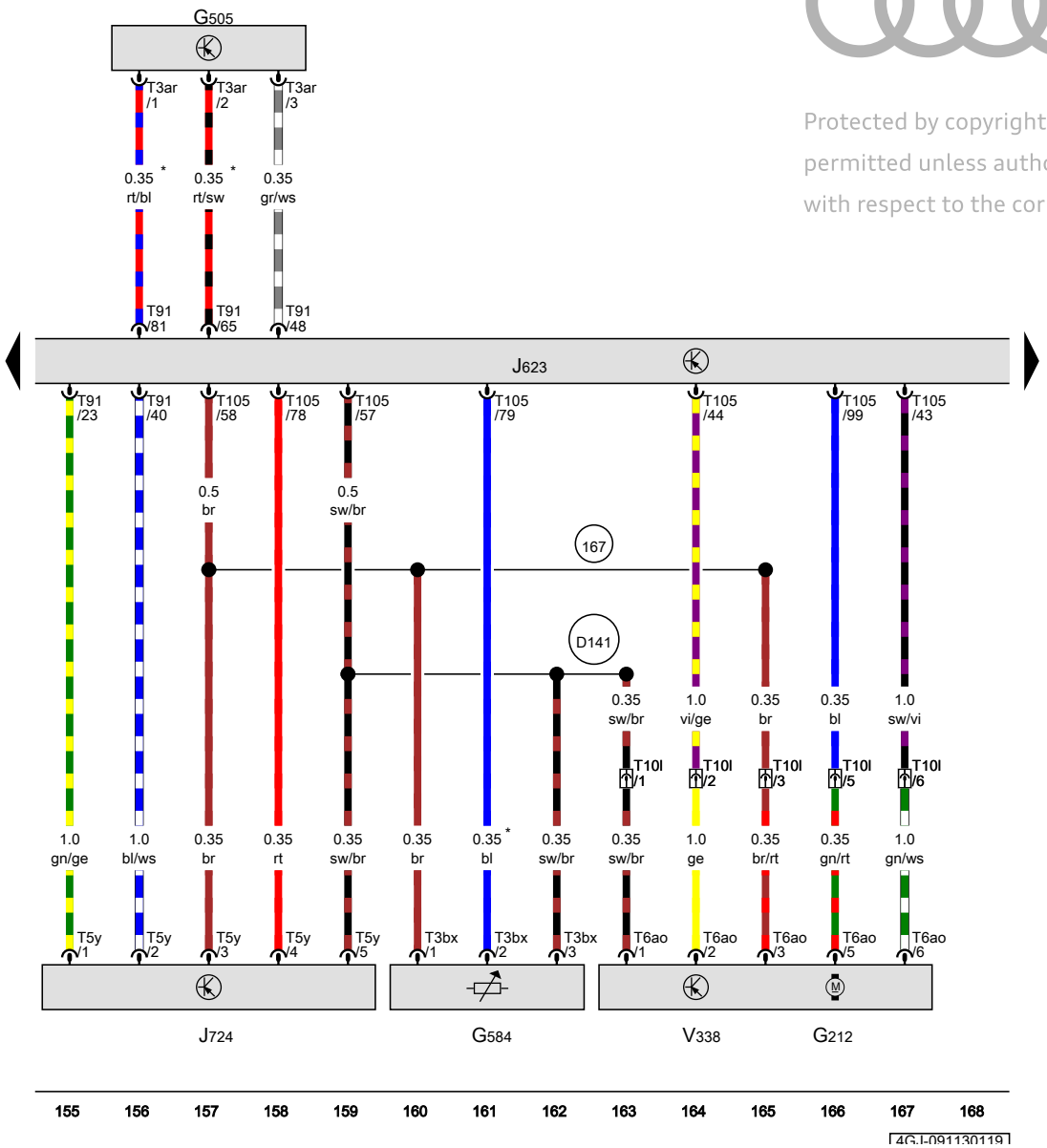
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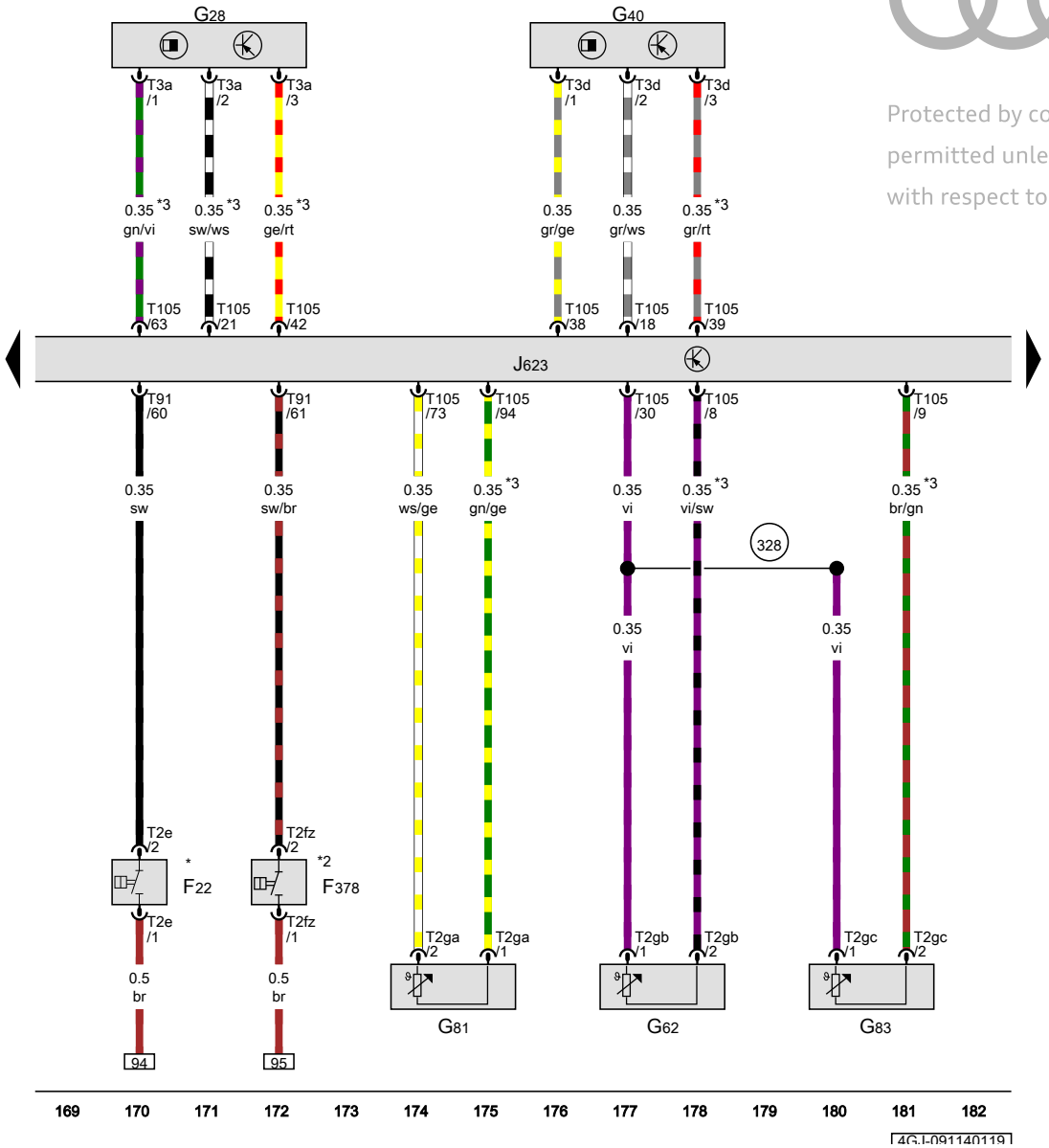
Pressure differential sender, Regulating flap potentiometer, Engine/motor control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

G212	Exhaust gas recirculation potentiometer
G505	Pressure differential sender
G584	Regulating flap potentiometer
J623	Engine/motor control unit
J724	Turbocharger 1 control unit
T3ar	3-pin connector, black
T3bx	3-pin connector, black
T5y	5-pin connector, black
T6ao	6-pin connector
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
V338	Exhaust gas recirculation control motor
167	Earth connection 4, in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment

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rs	=	pink

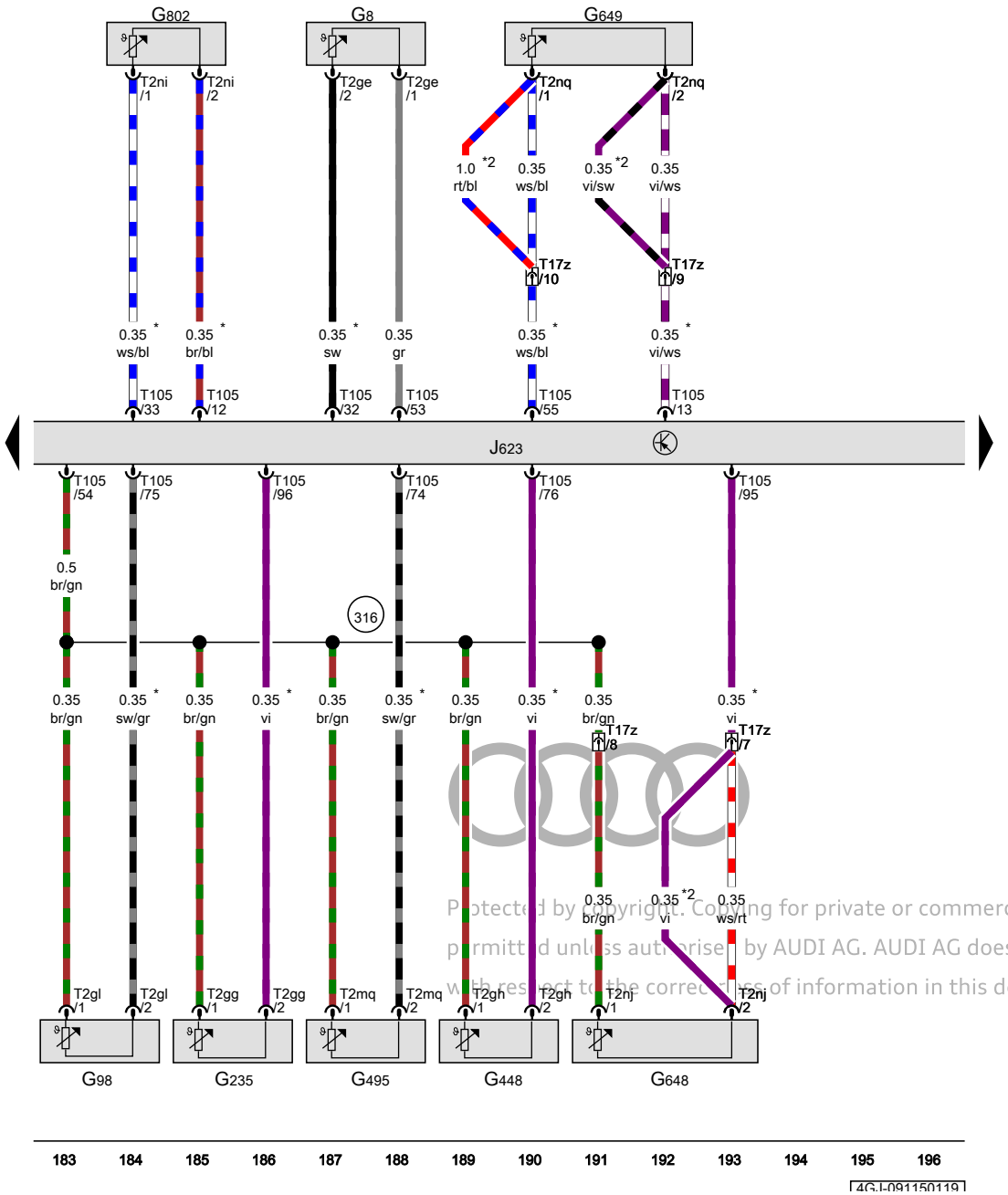


Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit
T2e	2-pin connector
T2fz	2-pin connector
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T3a	3-pin connector, black
T3d	3-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
*	2.6 bar
*2	0.9 bar
*3	Wiring colour depends on equipment

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Oil temperature sender, Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 4, Exhaust gas temperature sender 4 for bank 2, Coolant temperature sender 2, Engine/motor control unit

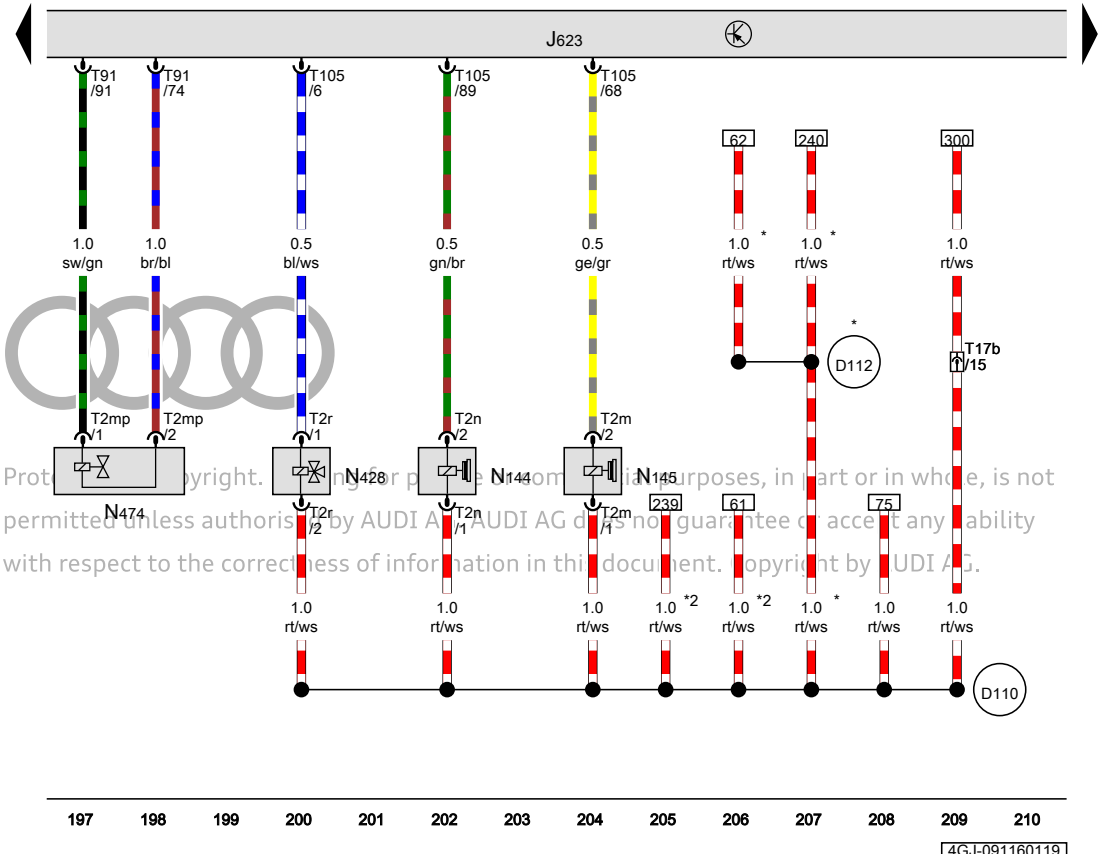
G8	Oil temperature sender
G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
G649	Exhaust gas temperature sender 4 for bank 2
G802	Coolant temperature sender 2
J623	Engine/motor control unit
T2ge	2-pin connector
T2gg	2-pin connector
T2gh	2-pin connector
T2gl	2-pin connector
T2mq	2-pin connector
T2ni	2-pin connector
T2nj	2-pin connector
T2nq	2-pin connector
T17z	17-pin connector, brown
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
*	Wiring colour depends on equipment
*2	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine/motor control unit, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control, Injector for reducing agent

J623	Engine/motor control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N474	Injector for reducing agent
T2m	2-pin connector
T2mp	2-pin connector
T2n	2-pin connector
T2r	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
D110	Connection 8 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

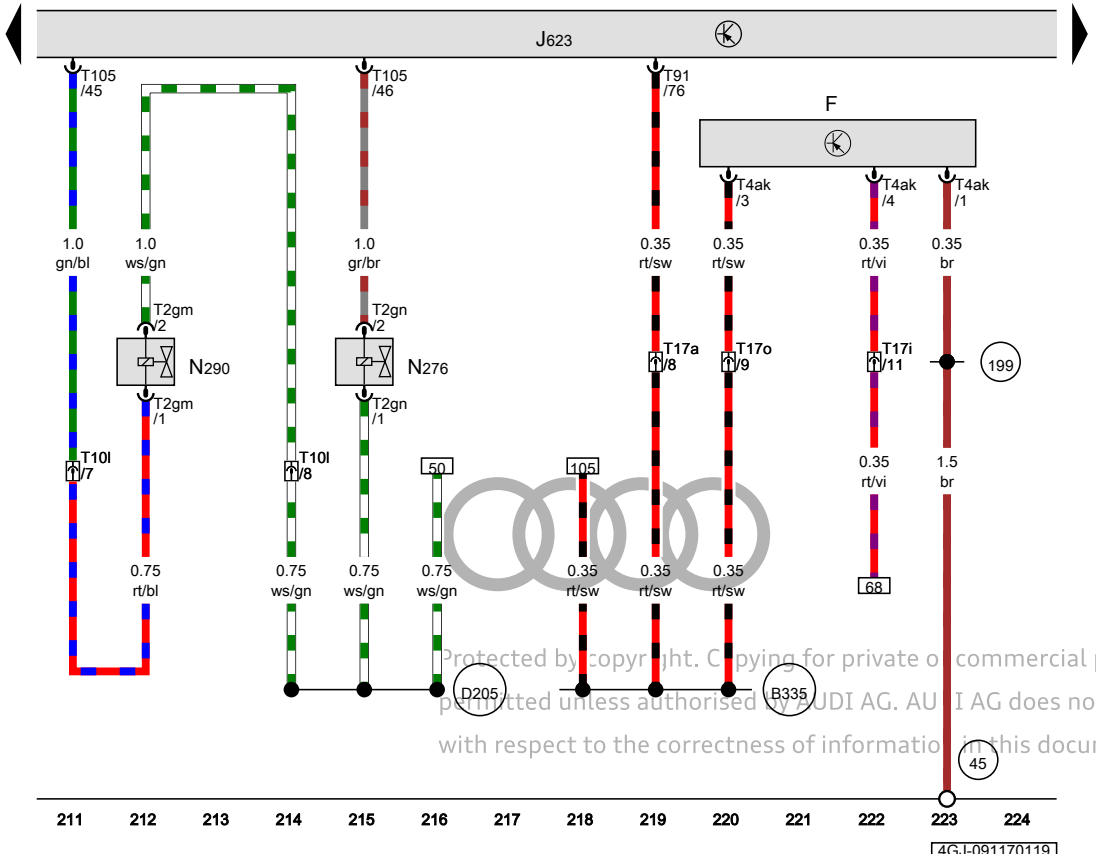


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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Brake light switch, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve

F	Brake light switch
J623	Engine/motor control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2gm	2-pin connector
T2gn	2-pin connector
T4ak	4-pin connector, black
T10l	10-pin connector, on right in engine compartment, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
T105	105-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D205	Connection 3 (87a) in engine prewiring harness

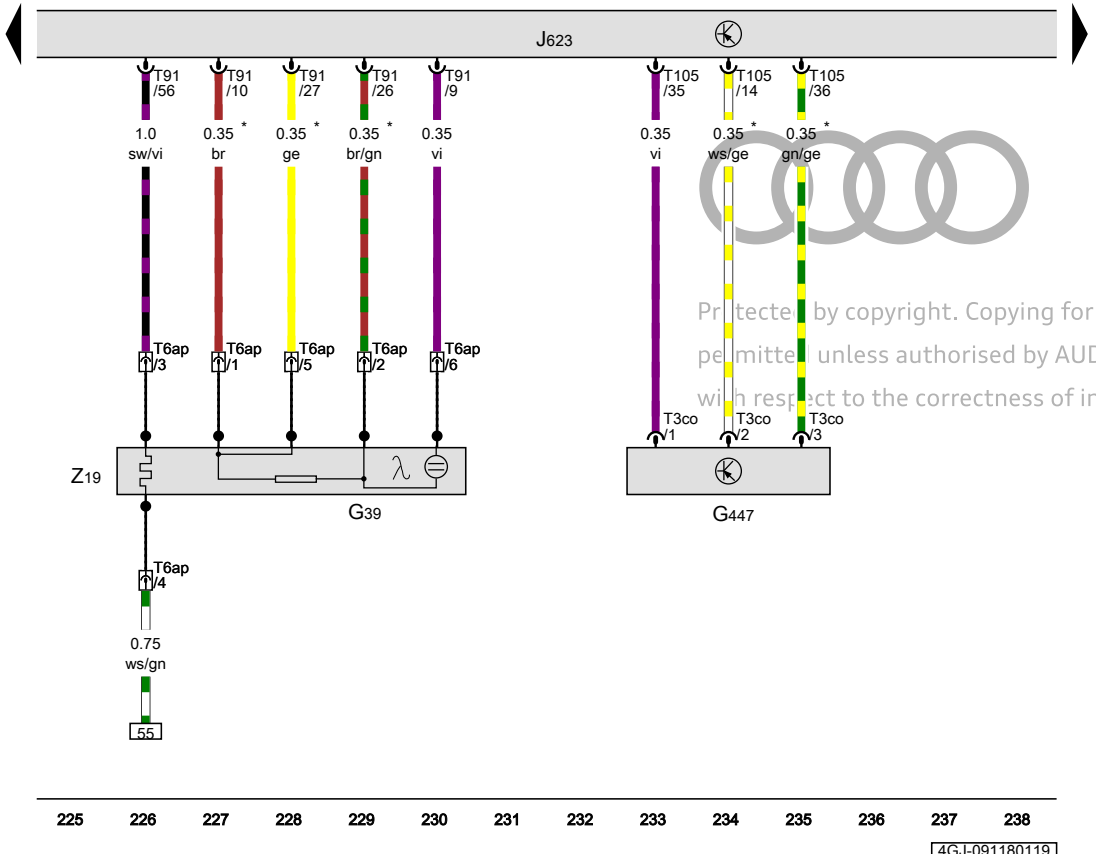


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gn	=	green
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or	=	orange
rs	=	pink

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Lambda probe, Charge pressure sender 2, Engine/motor control unit, Lambda probe heater

G39	Lambda probe
G447	Charge pressure sender 2
J623	Engine/motor control unit
T3co	3-pin connector
T6ap	6-pin connector, brown
T91	91-pin connector, black
T105	105-pin connector, black
Z19	Lambda probe heater
*	Wiring colour depends on equipment



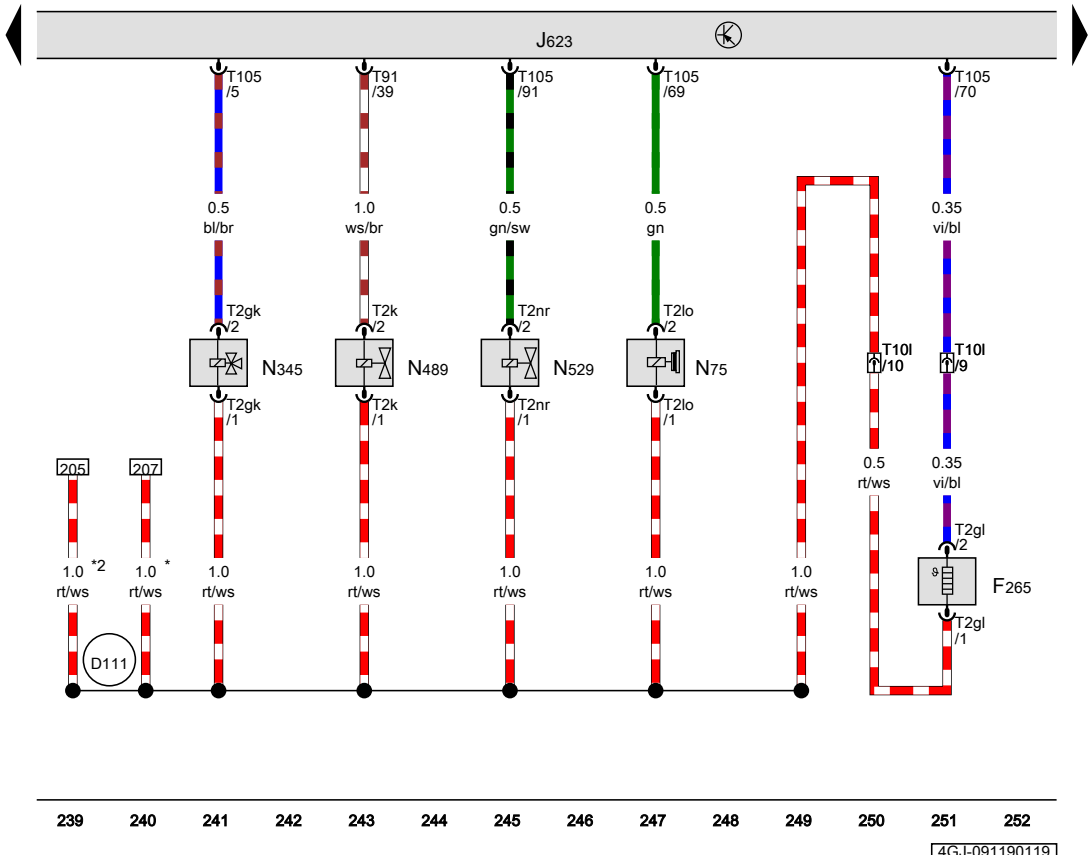
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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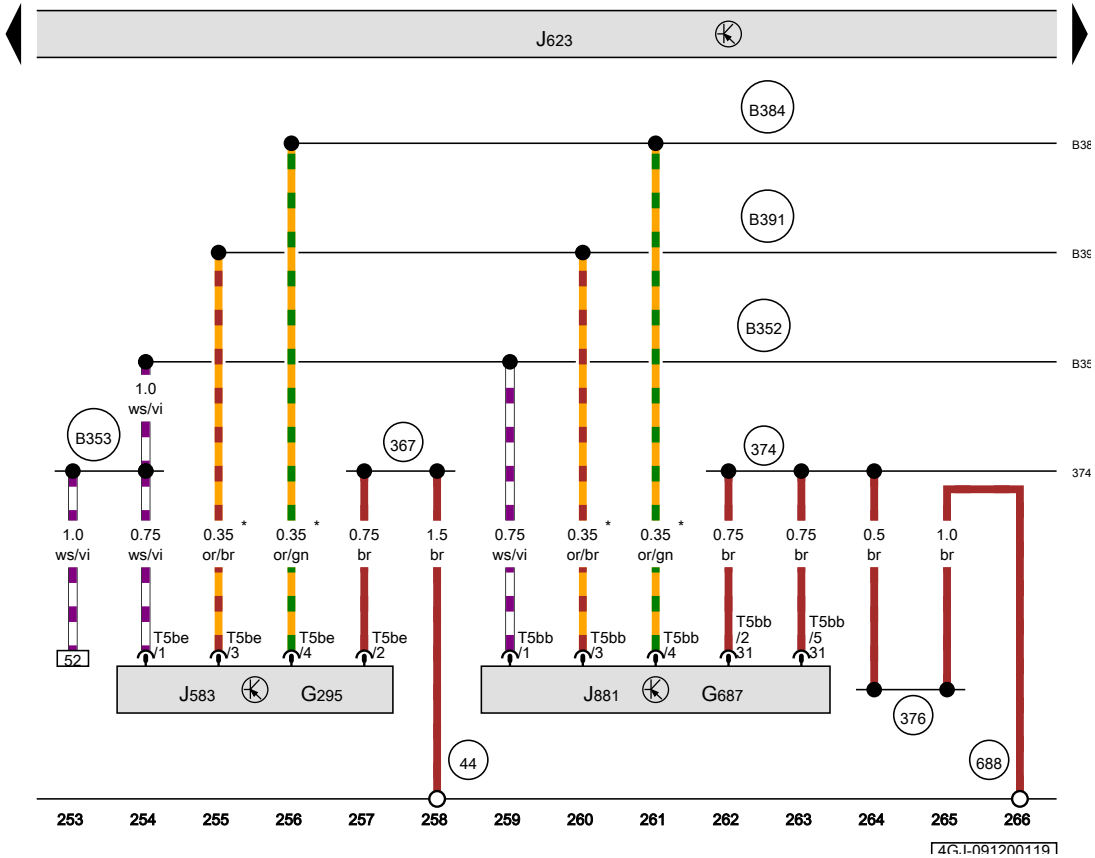
Map-controlled engine cooling system thermostat, Engine/ motor control unit, Charge pressure control solenoid valve, Exhaust gas recirculation cooler changeover valve, Coolant valve for cylinder head, Turbine changeover valve

F265	Map-controlled engine cooling system thermostat
J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
N489	Coolant valve for cylinder head
N529	Turbine changeover valve
T2gk	2-pin connector
T2gl	2-pin connector
T2k	2-pin connector
T2lo	2-pin connector
T2nr	2-pin connector
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
D111	Connection 9 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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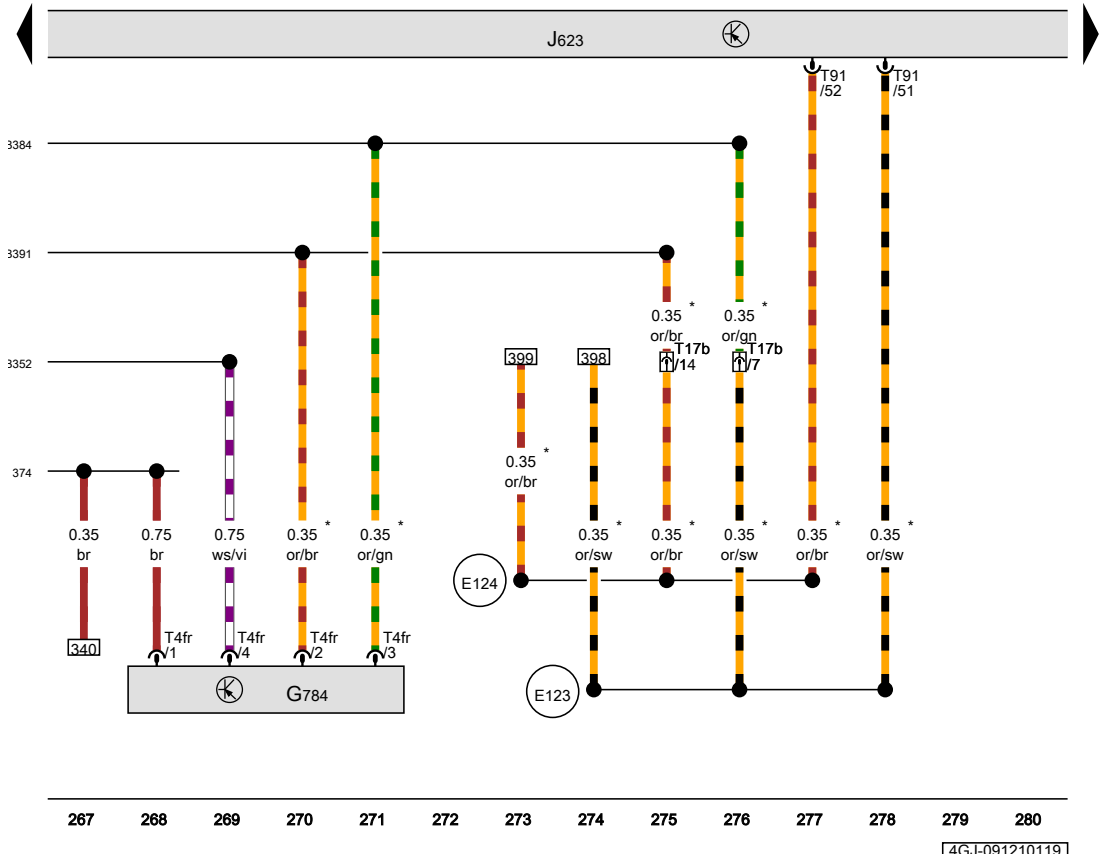


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for NOx sender, Engine/motor control unit, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
J583	Control unit for NOx sender
J623	Engine/motor control unit
J881	Control unit for NOx sender 2
T5bb	5-pin connector
T5be	5-pin connector
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B352	Positive connection 3 (87a) in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

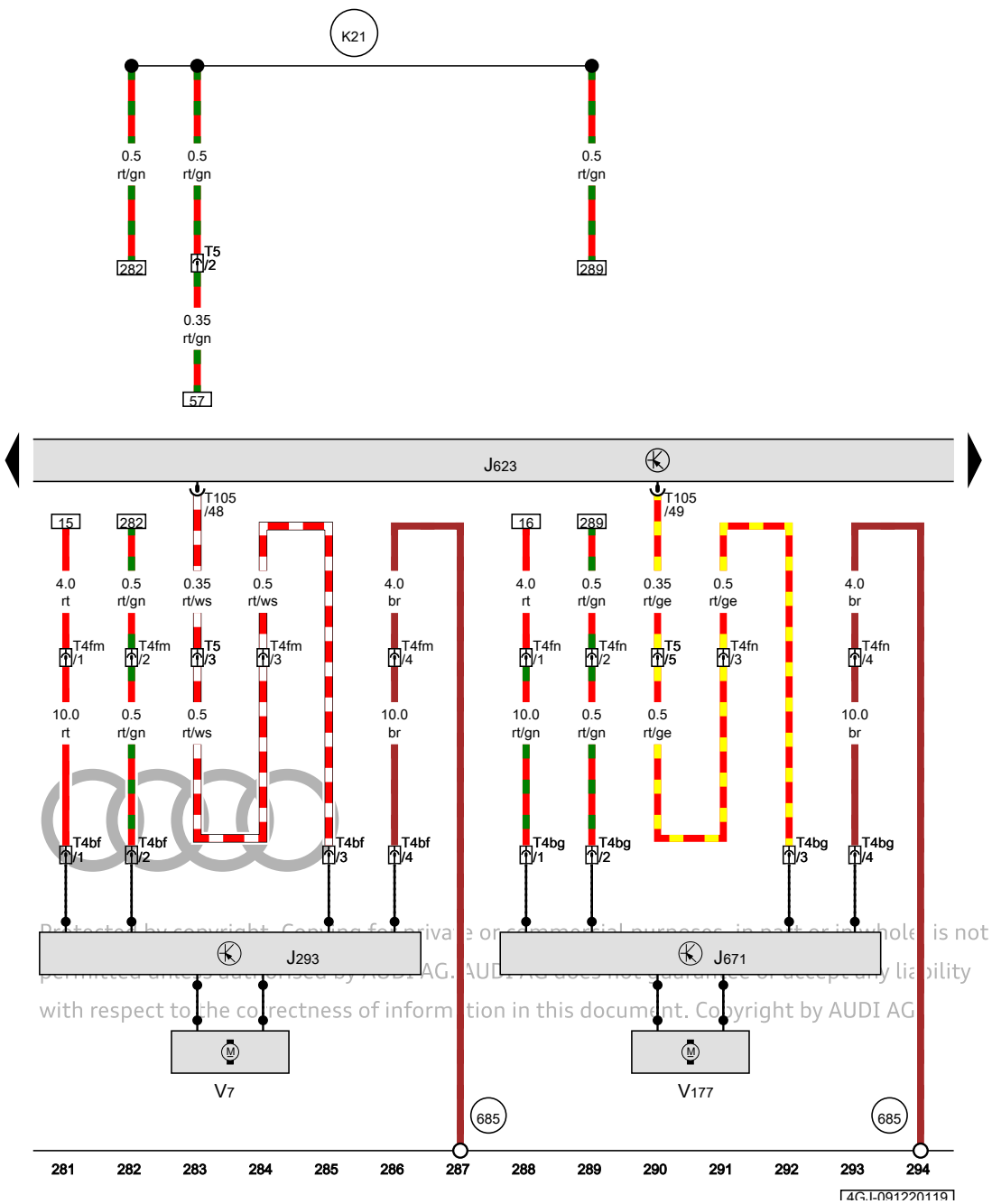
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Engine/motor control unit

G784	Particulate sensor
J623	Engine/motor control unit
T4fr	4-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
374	Earth connection 9, in main wiring harness
B352	Positive connection 3 (87a) in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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rs	=	pink

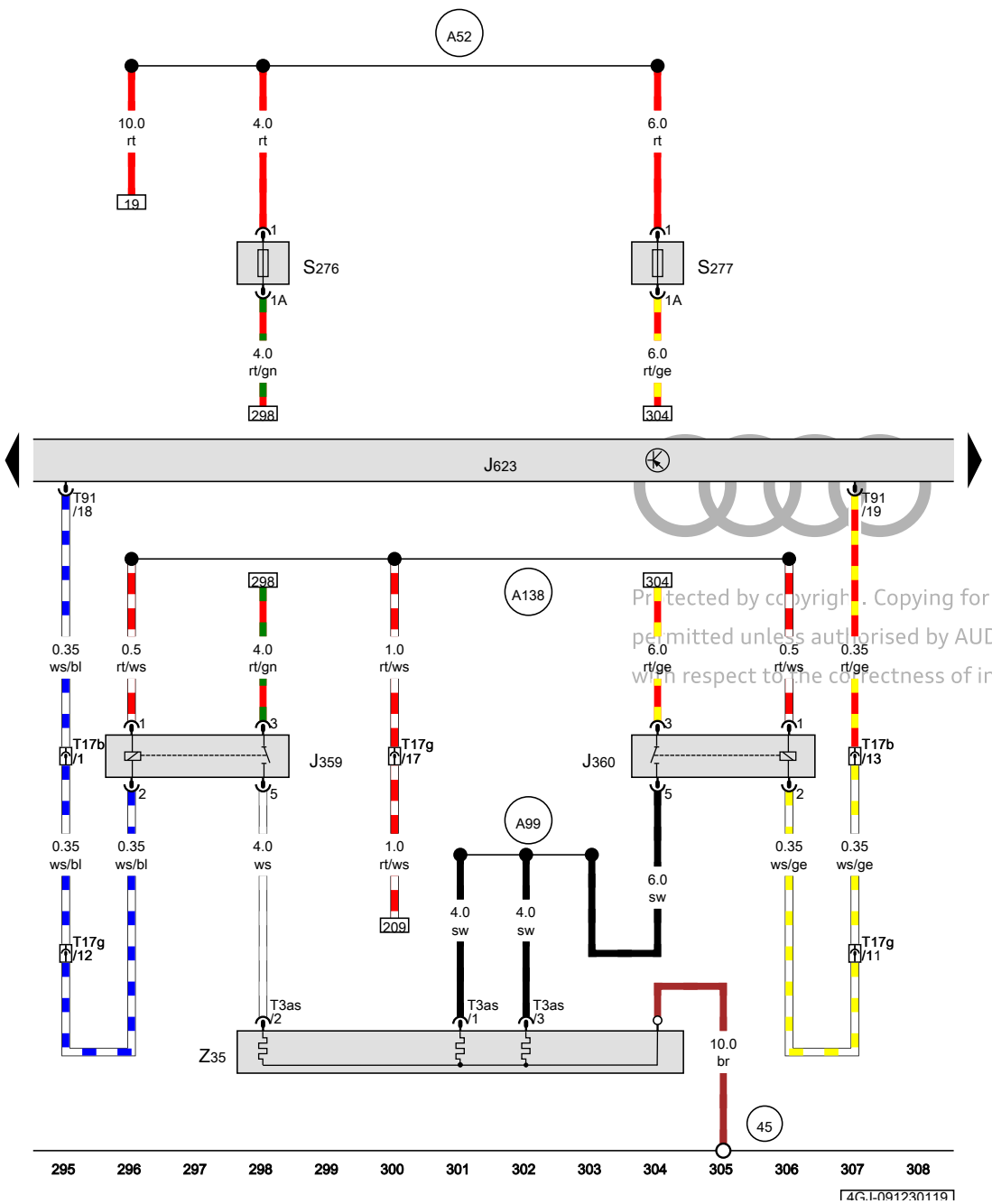


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Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T105	105-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Low heat output relay, High heat output relay, Engine/motor control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine/motor control unit
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T91	91-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness

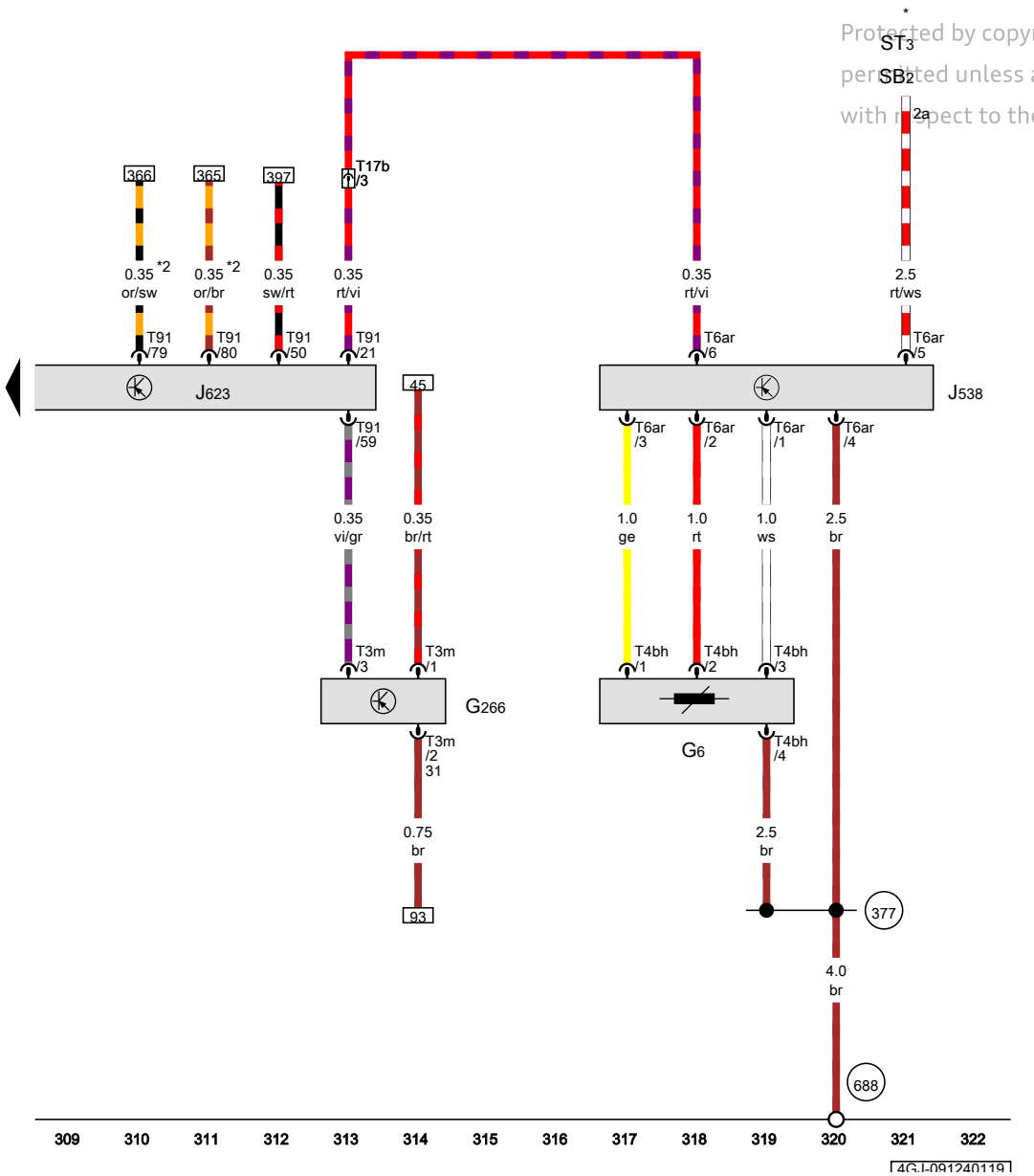
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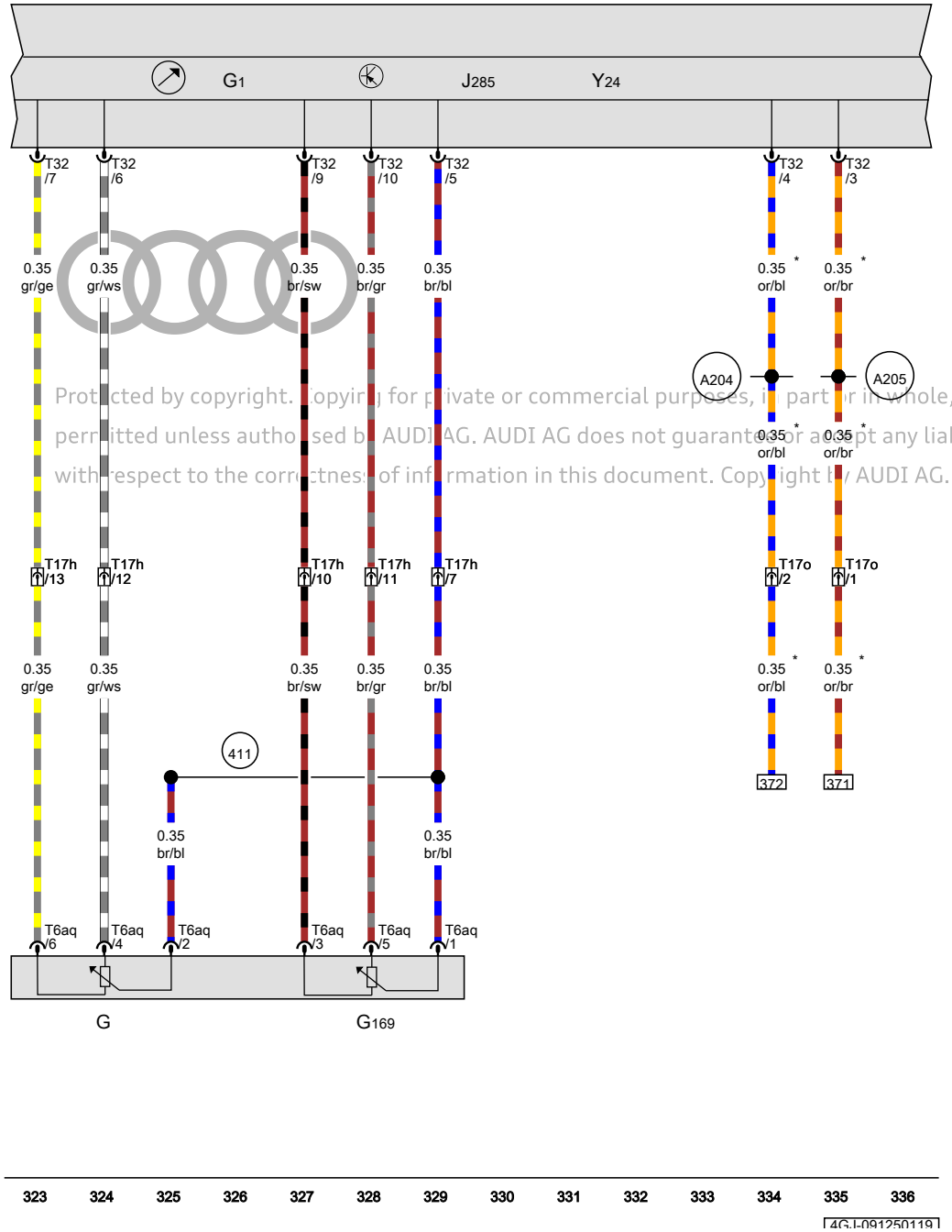
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bh	4-pin connector, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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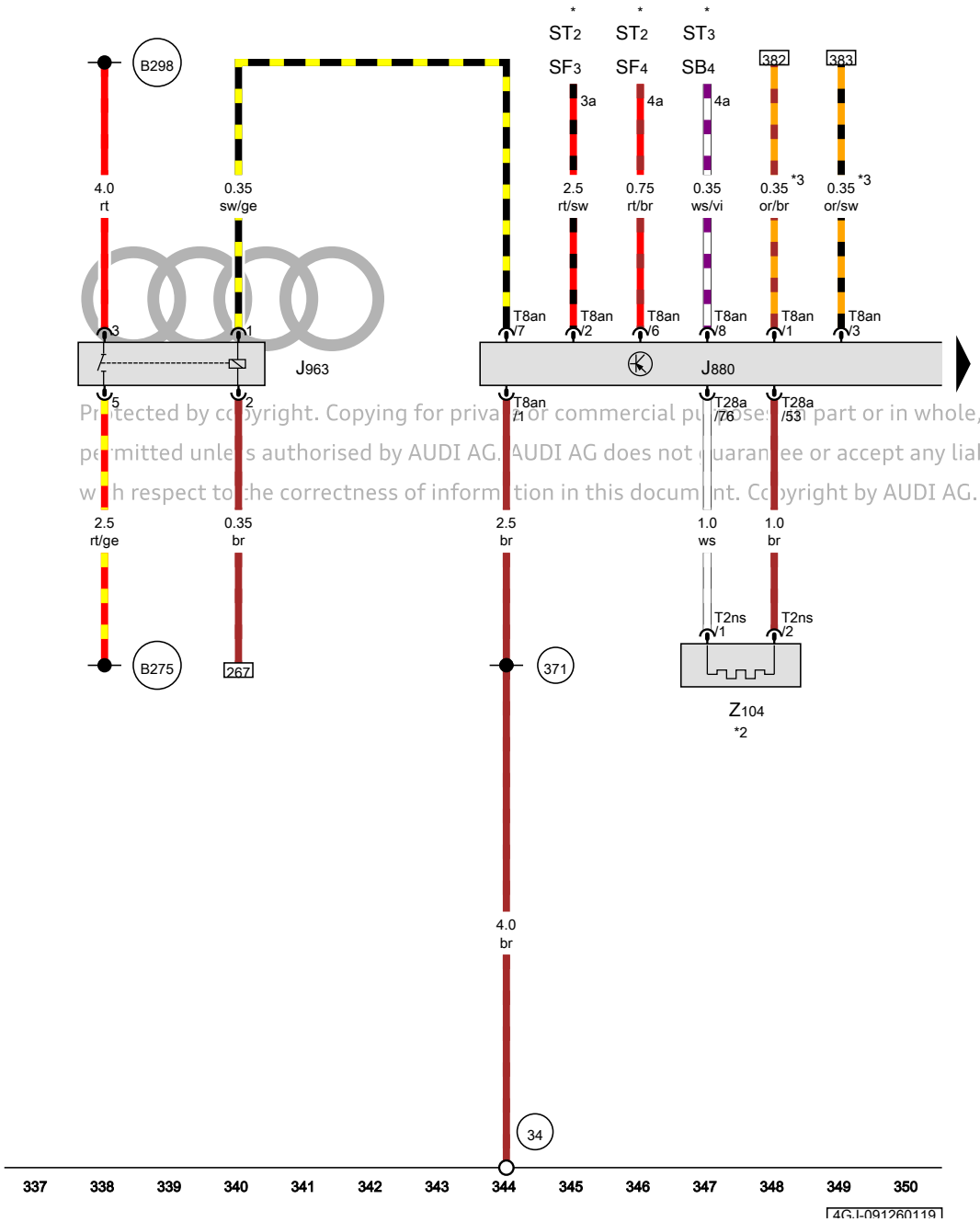


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector, black
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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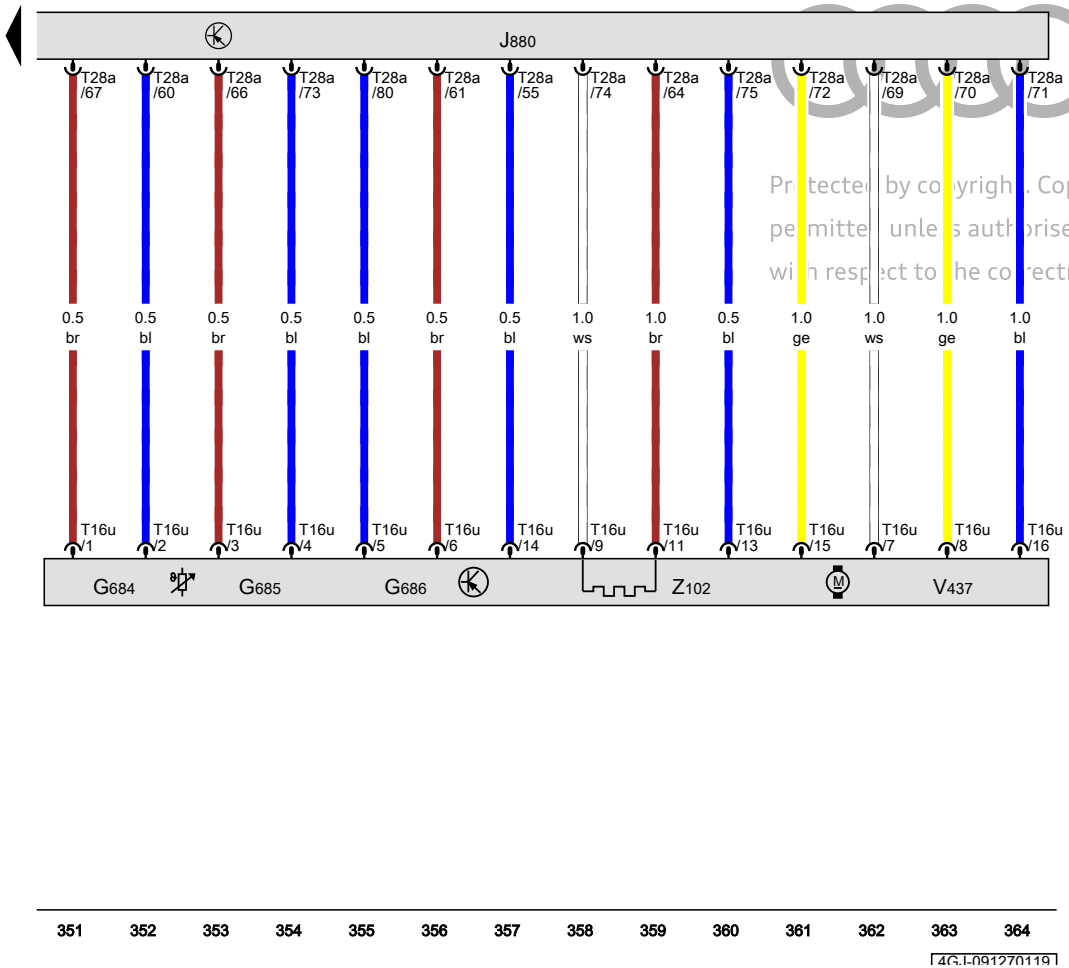
Control unit for reducing agent metering system, Relay for reducing agent metering system, Heater for reducing agent line (heater circuit 2)

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SB4	Fuse 4 on fuse holder B
T2ns	2-pin connector
T8an	8-pin connector
T28a	28-pin connector
Z104	Heater for reducing agent line (heater circuit 2)
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
B275	Positive connection (87), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Heater for reducing agent line can comprise multiple sections
*3	Data bus wire (CAN bus)

ws	=	white
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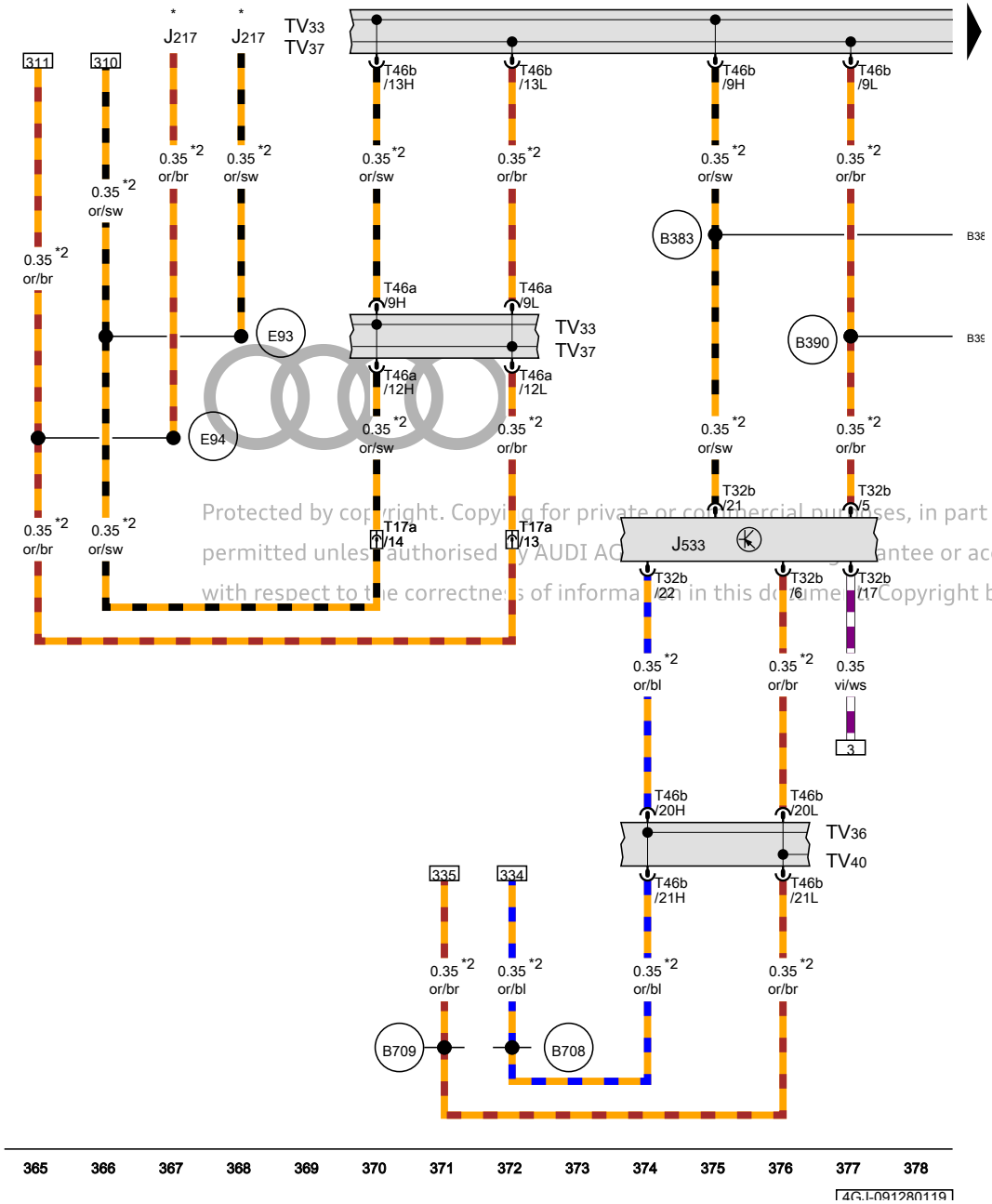
Control unit for reducing agent metering system

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T16u	16-pin connector
T28a	28-pin connector
V437	Pump for reducing agent
Z102	Heater for reducing agent tank (heater circuit 1)



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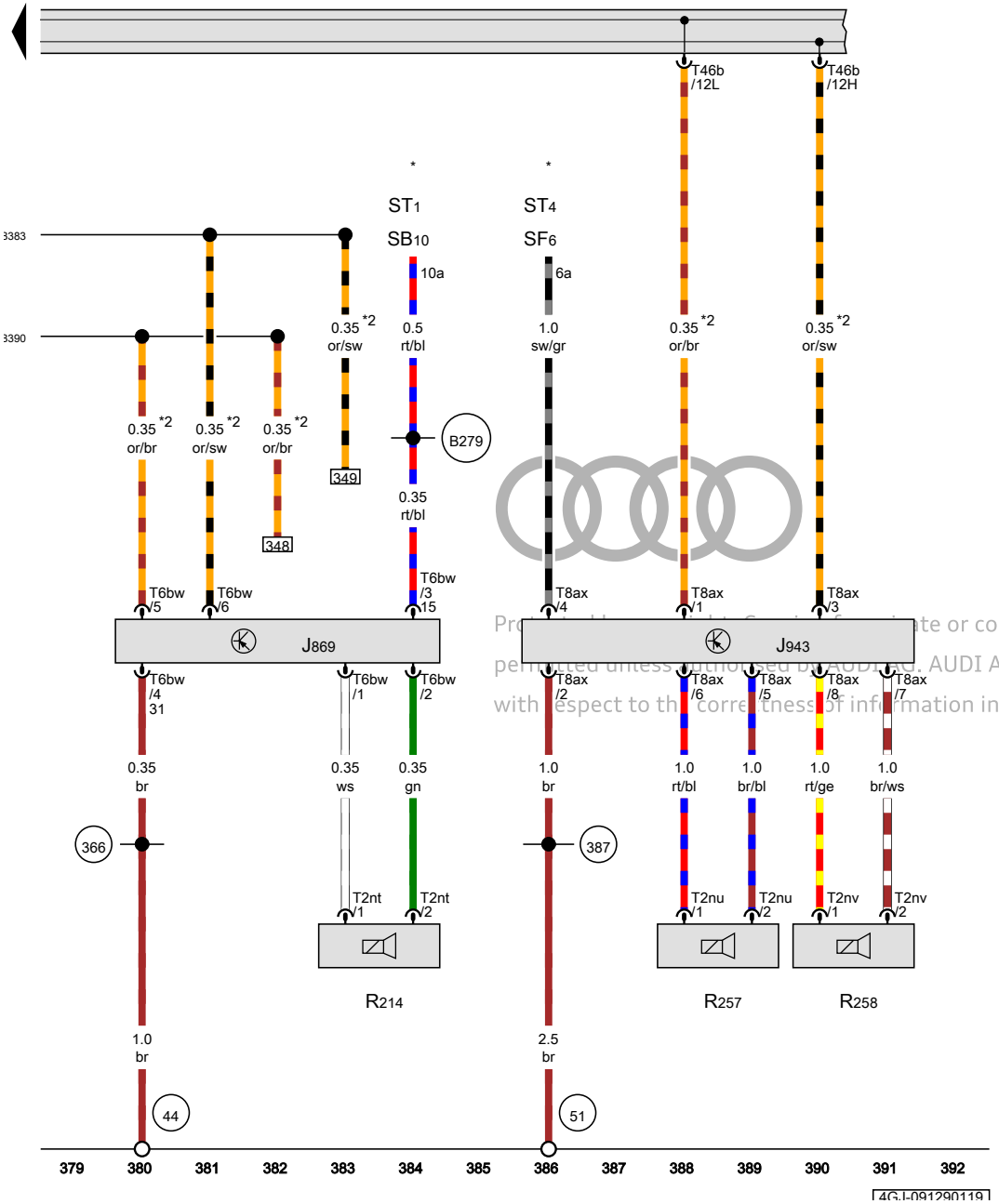


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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector, black
T46b	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Data bus wire (CAN bus)



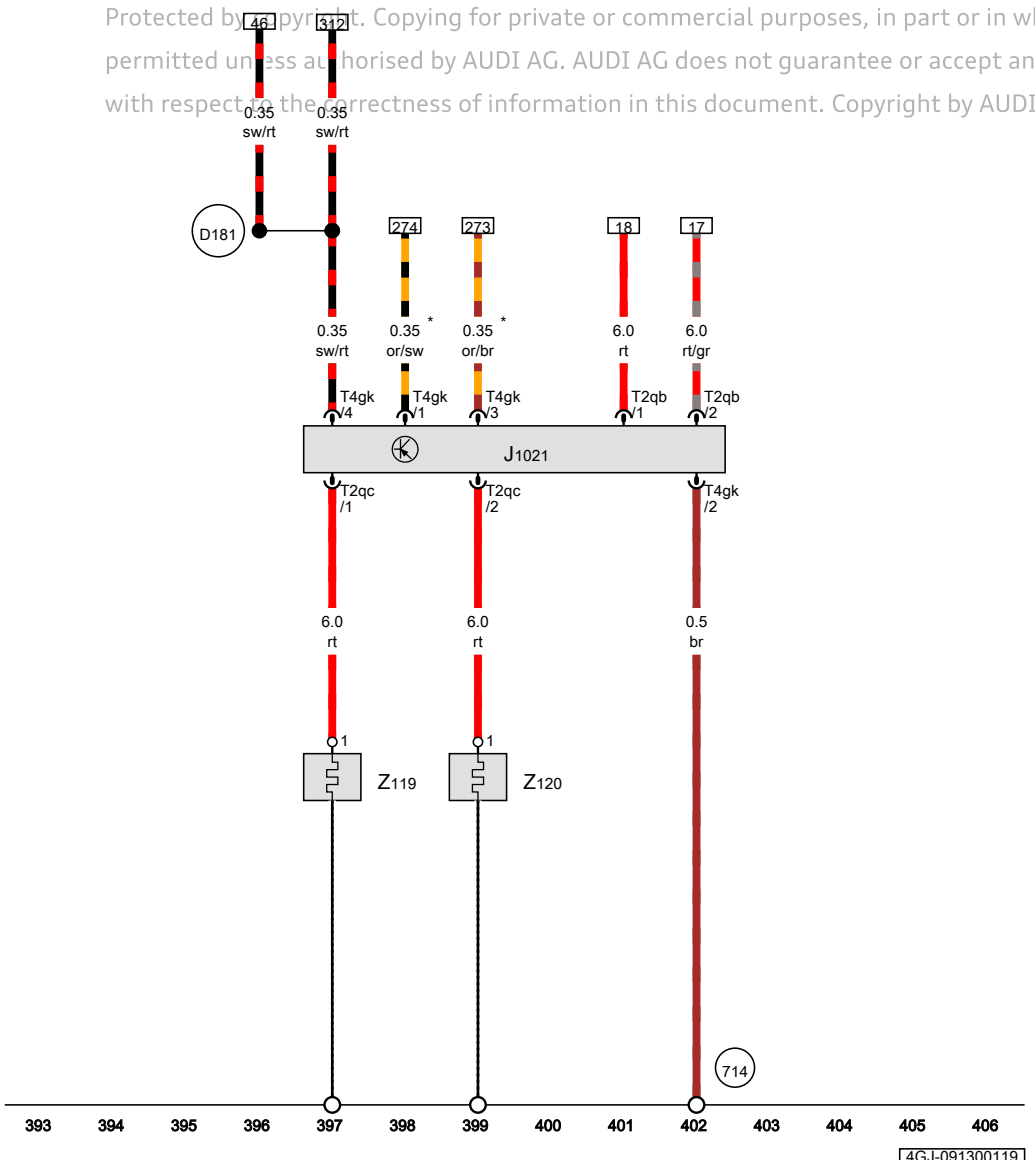
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Control unit for structure-borne sound, Engine sound generator control unit, Actuator for structure-borne sound, Actuator 1 for engine sound generator

J869	Control unit for structure-borne sound
J943	Engine sound generator control unit
R214	Actuator for structure-borne sound
R257	Actuator 1 for engine sound generator
R258	Actuator 2 for engine sound generator
ST1	Fuse carrier 1
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SB10	Fuse 10 on fuse holder B
T2nt	2-pin connector
T2nu	2-pin connector
T2nv	2-pin connector
T6bw	6-pin connector
T8ax	8-pin connector
T46b	46-pin connector, black
44	Earth point, lower part of left A-pillar
51	Earth point, on right in luggage compartment
366	Earth connection 1, in main wiring harness
387	Earth connection 22, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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Catalytic converter heater control unit 1, Catalytic converter heater 1, Catalytic converter heater 2

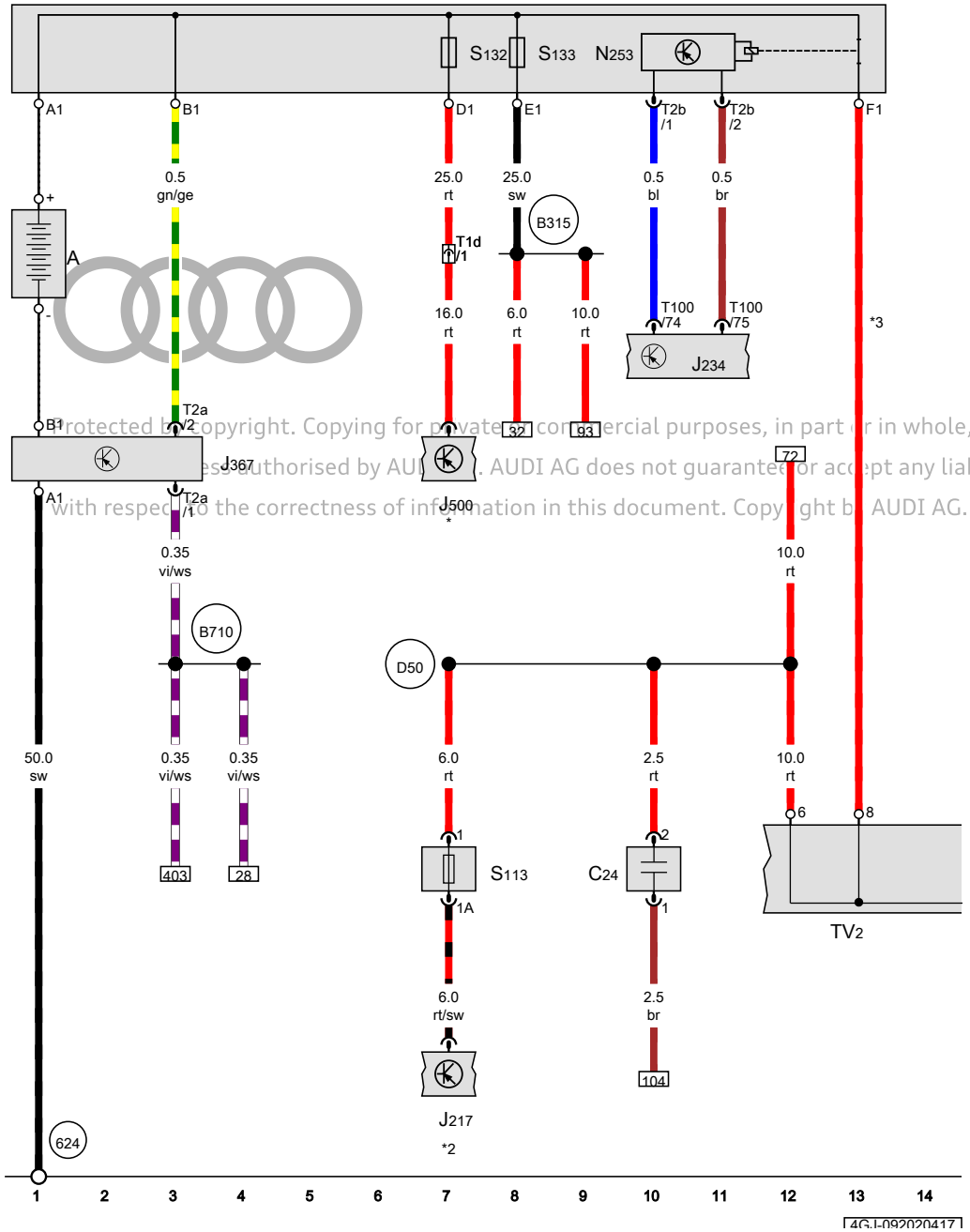
J1021	Catalytic converter heater control unit 1
T2qb	2-pin connector, brown
T2qc	2-pin connector, black
T4gk	4-pin connector, black
Z119	Catalytic converter heater 1
Z120	Catalytic converter heater 2
714	Earth point on right of engine
D181	Connection 2 (87a), in engine compartment wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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3.0l diesel engine , CDUD,CTCB,CTCC,CPNB

From September 2014

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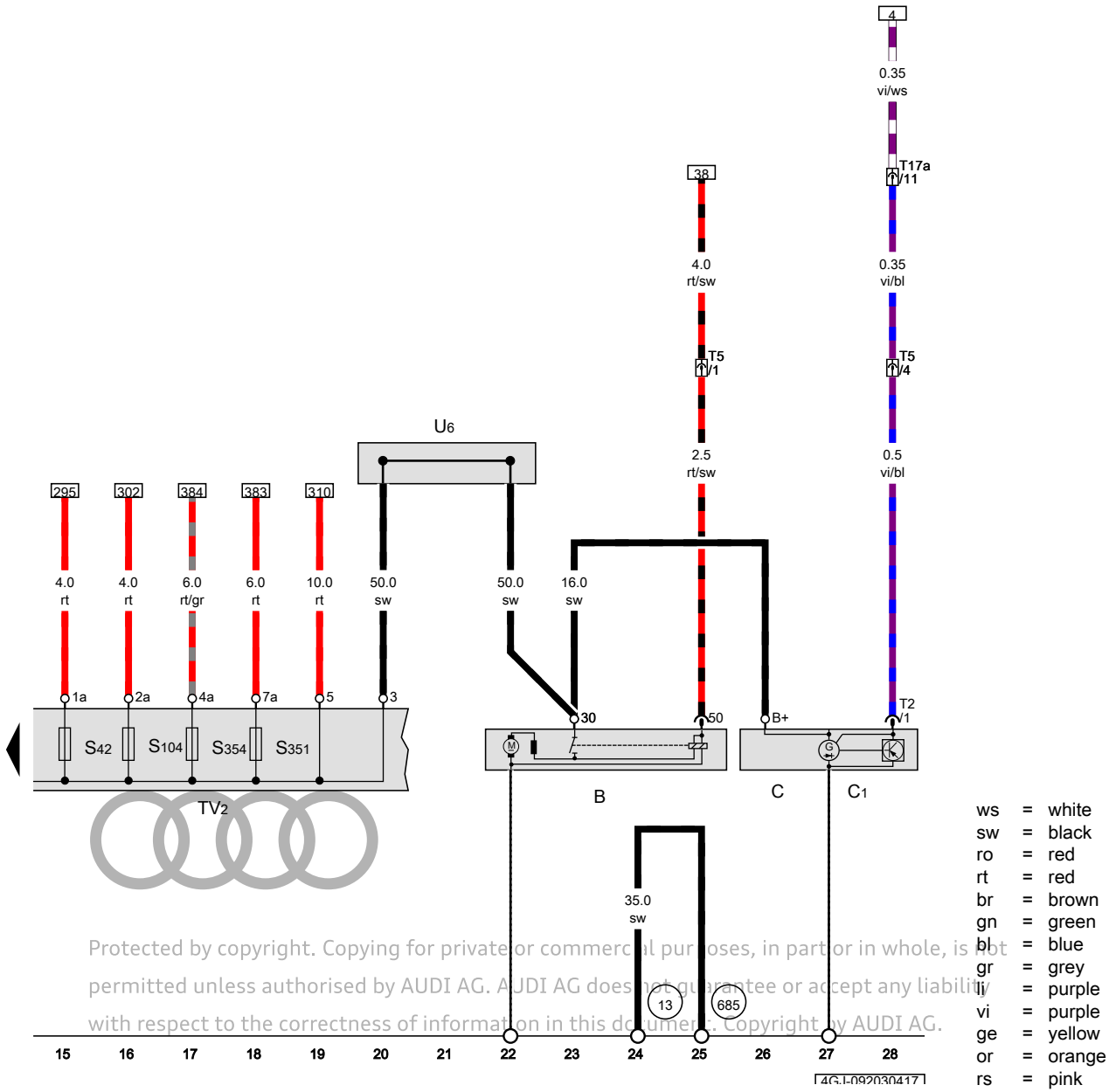


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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J217	Automatic gearbox control unit
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector, yellow
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector, yellow
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for automatic gearbox
*3	Flat conductor

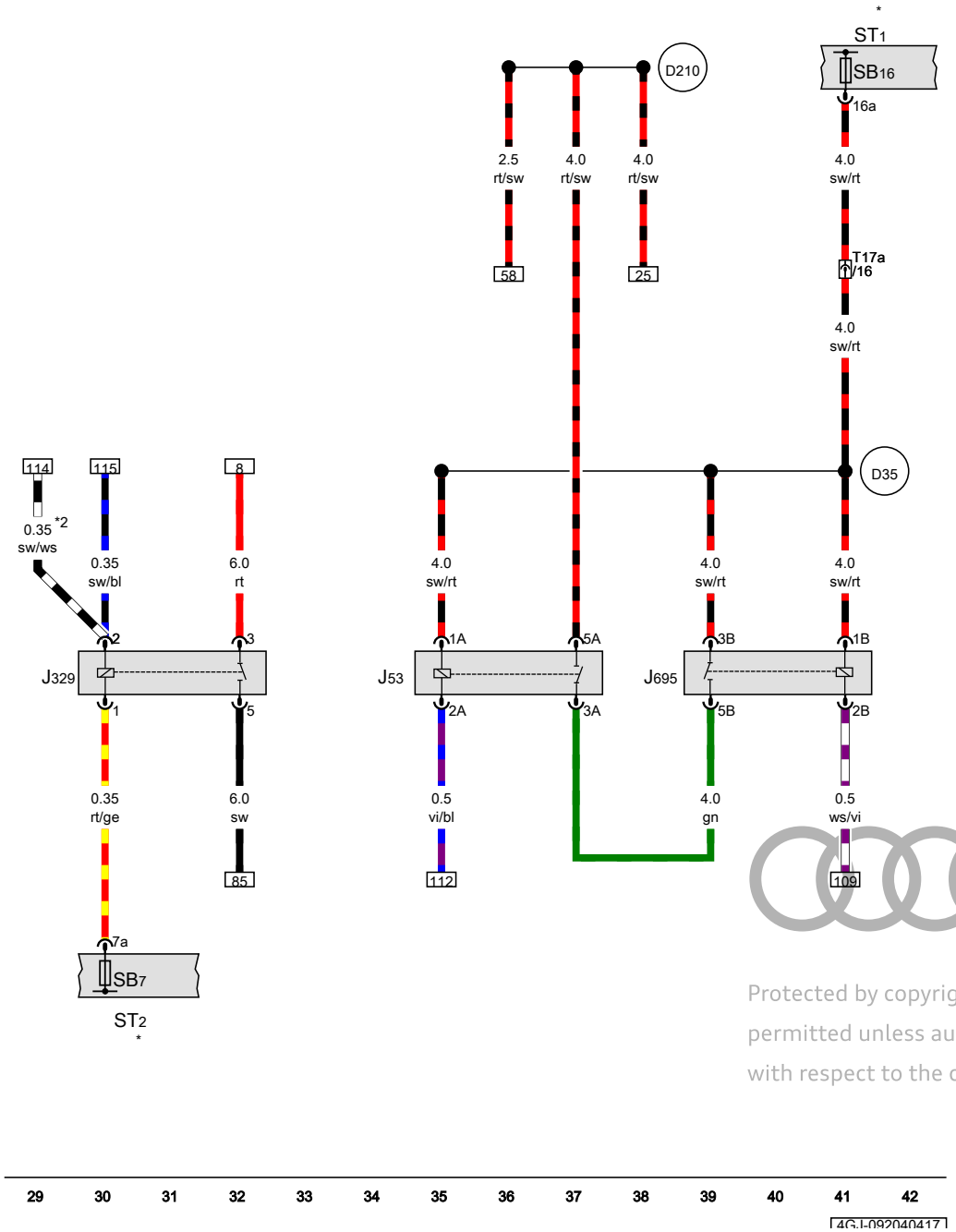


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Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
S351	Catalytic converter heater fuse
S354	Catalytic converter heater fuse 2
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
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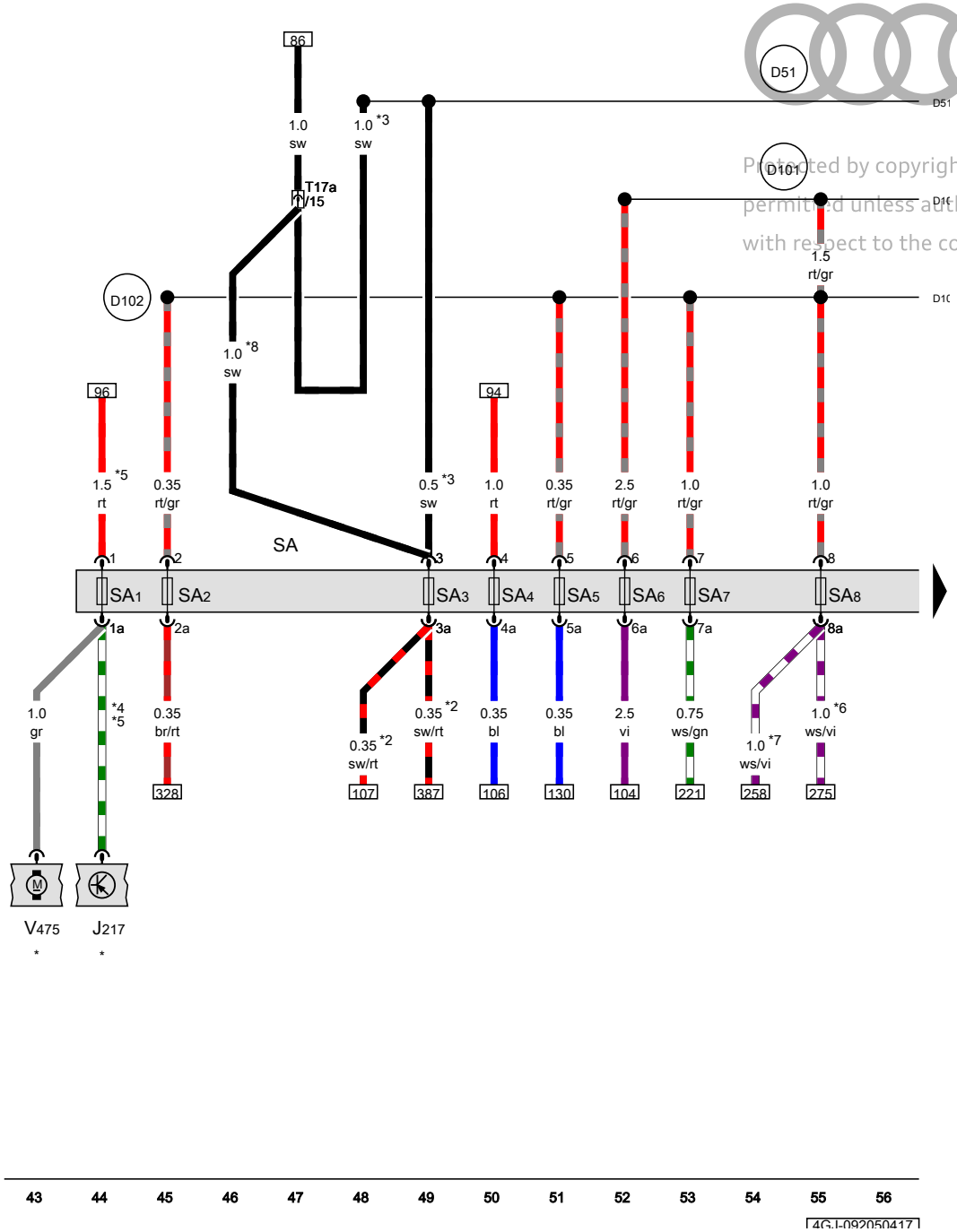


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models

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rt	=	red
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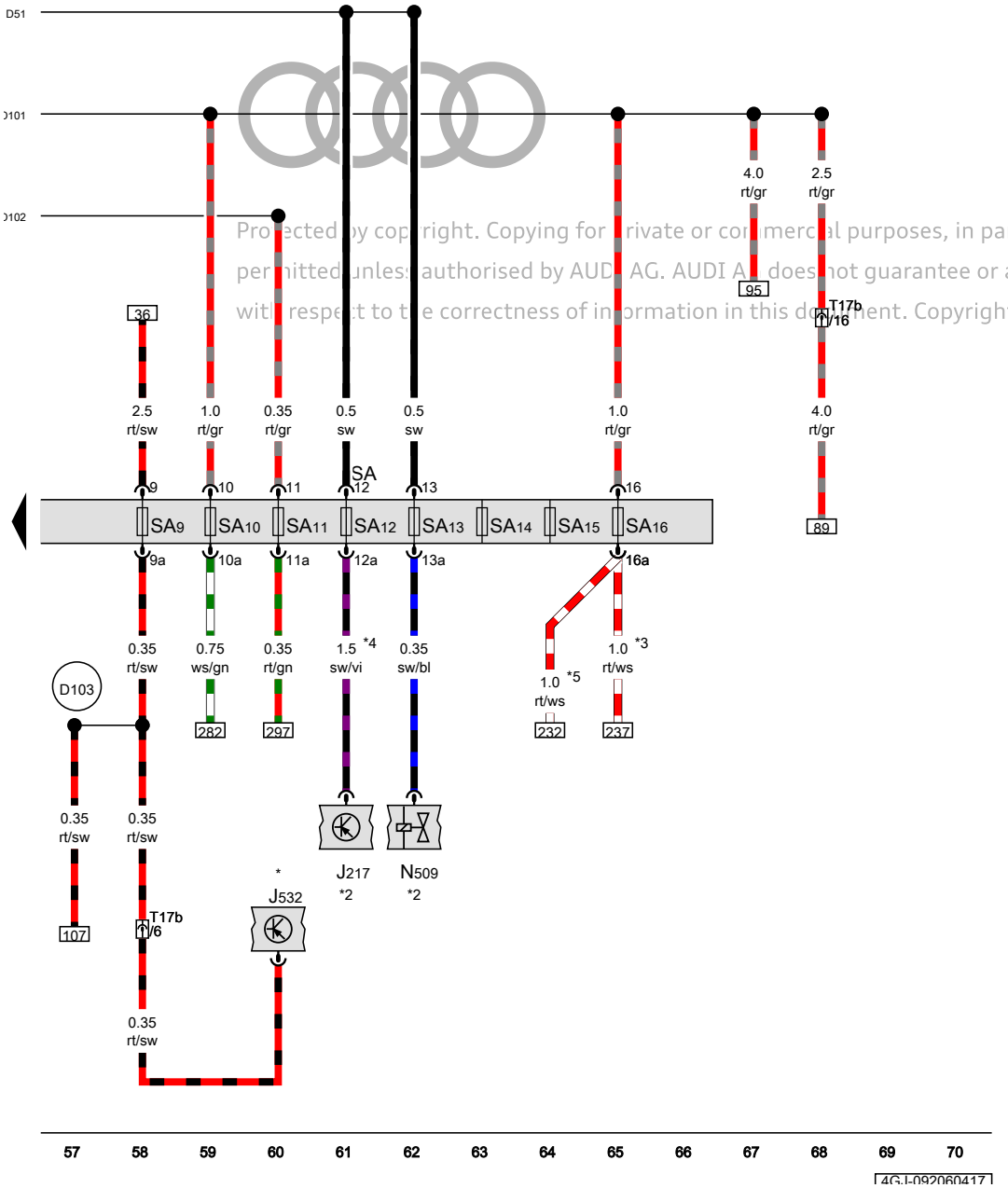


Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	According to equipment
*3	For models with automatic gearbox
*4	Wiring colour depends on equipment
*5	Cross section depends on equipment
*6	Only for American markets
*7	Not for American markets
*8	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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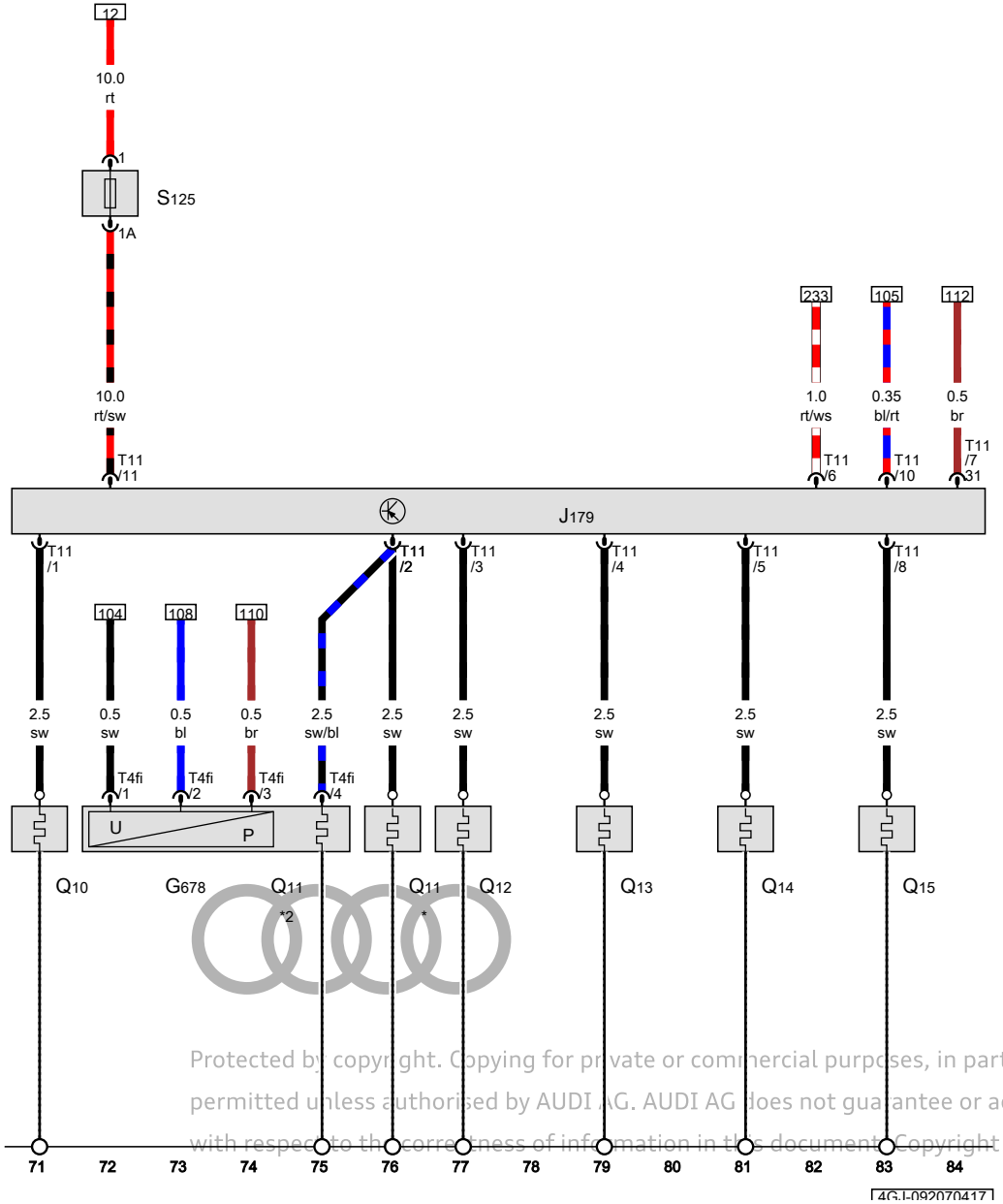
Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	Gradually discontinued
*4	Cross section depends on equipment
*5	gradual introduction

ws	=	white
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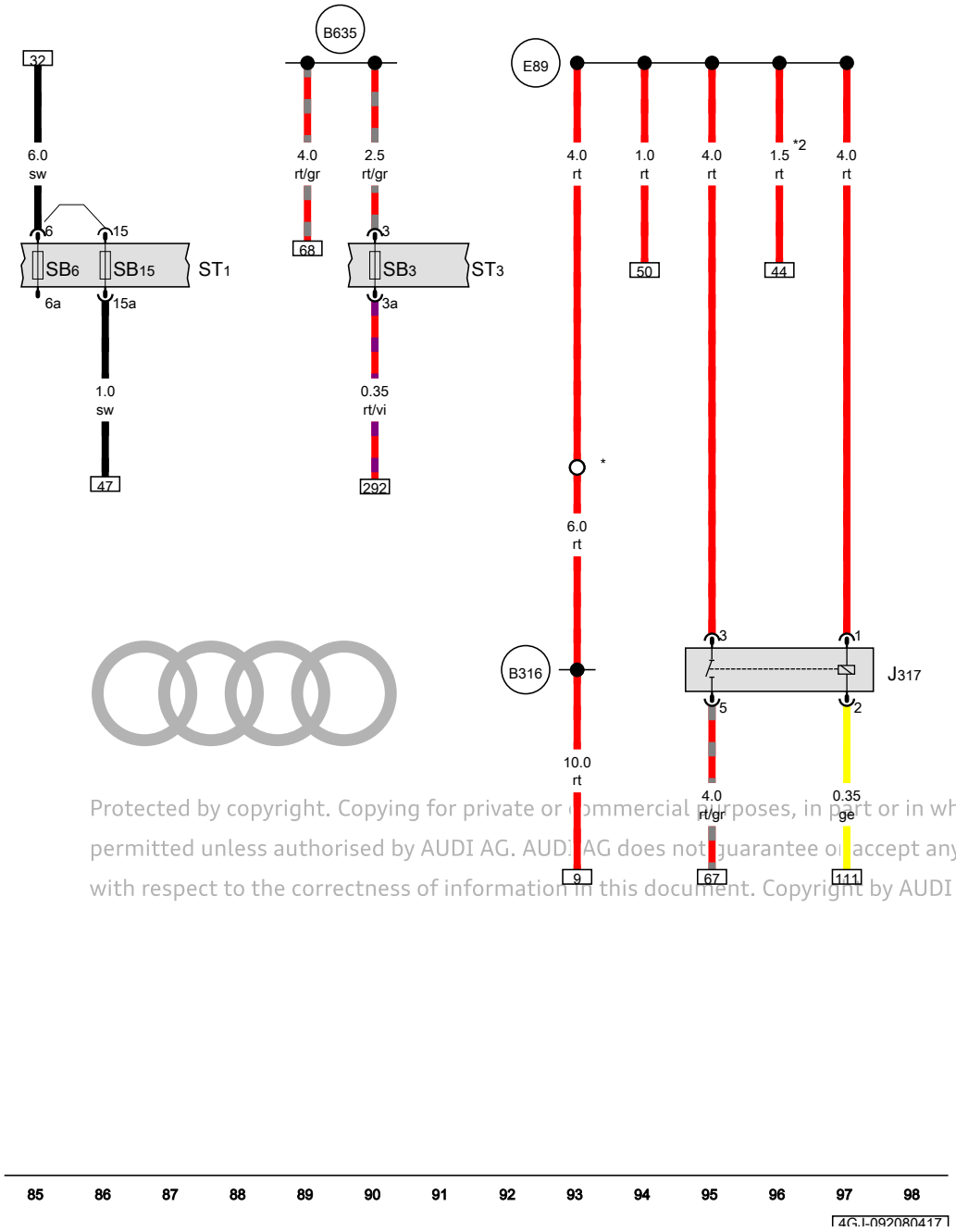
Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
T4fi	4-pin connector, black
T11	11-pin connector, black
*	Not for American markets
*2	Only for American markets



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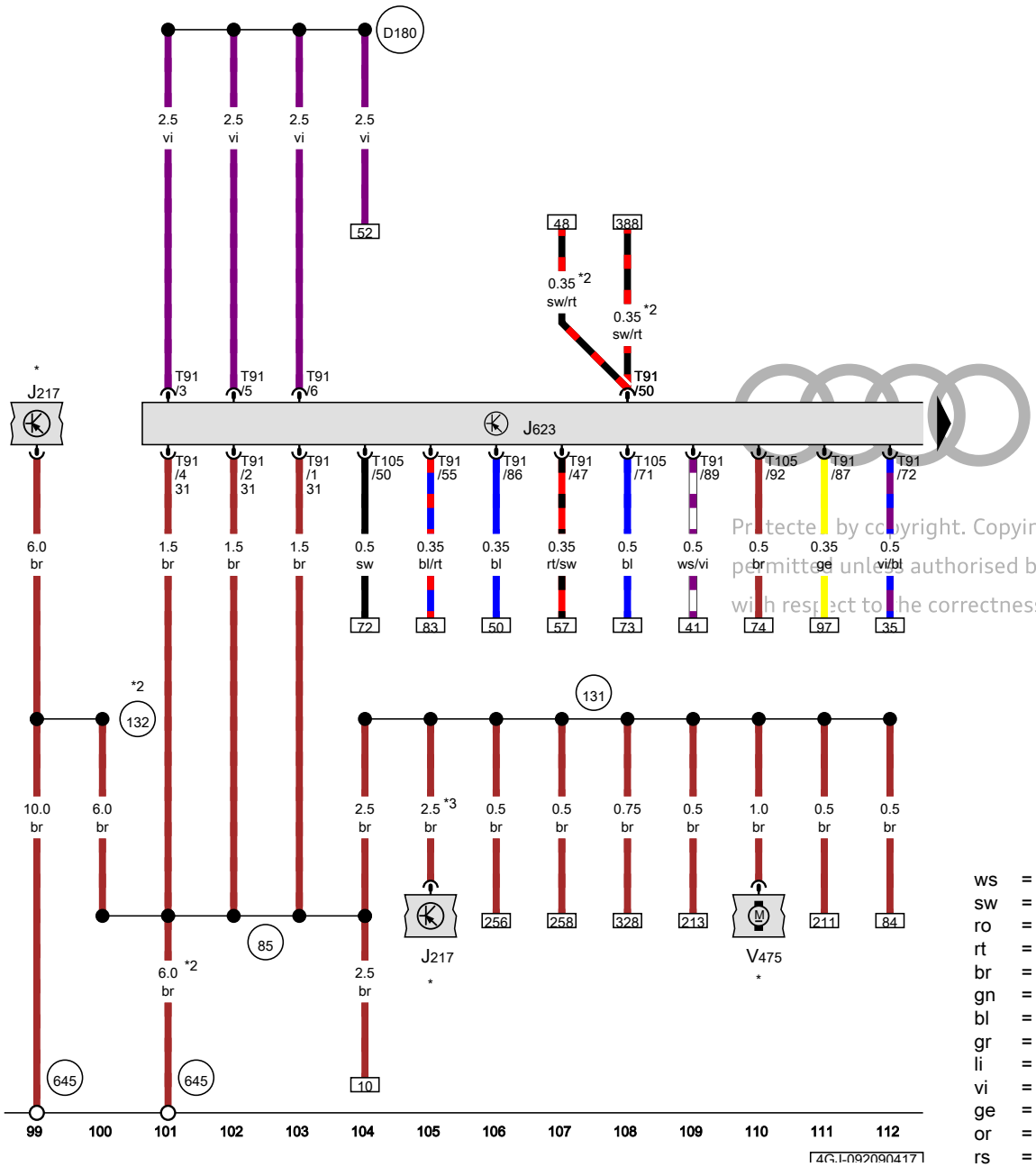


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Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
B316	Positive connection 2 (30a) in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
E89	Positive connection (30a) in engine wiring harness
*	Threaded connection, in E-box in plenum chamber
*2	Cross section depends on equipment

ws	=	white
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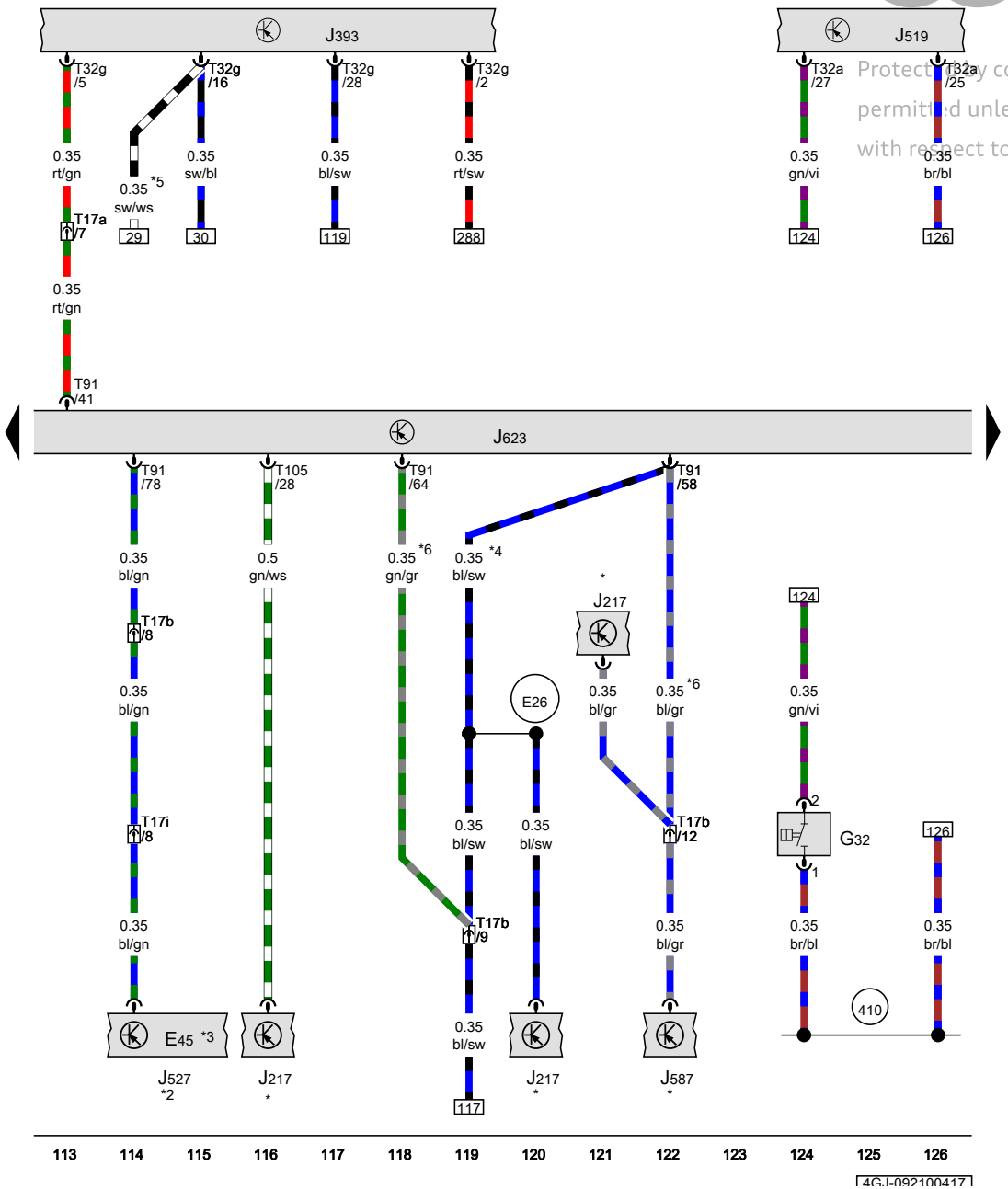


Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T91	91-pin connector, black
T105	105-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	According to equipment
*3	Cross section depends on equipment

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Coolant shortage indicator sender, Onboard supply control unit, Engine control unit

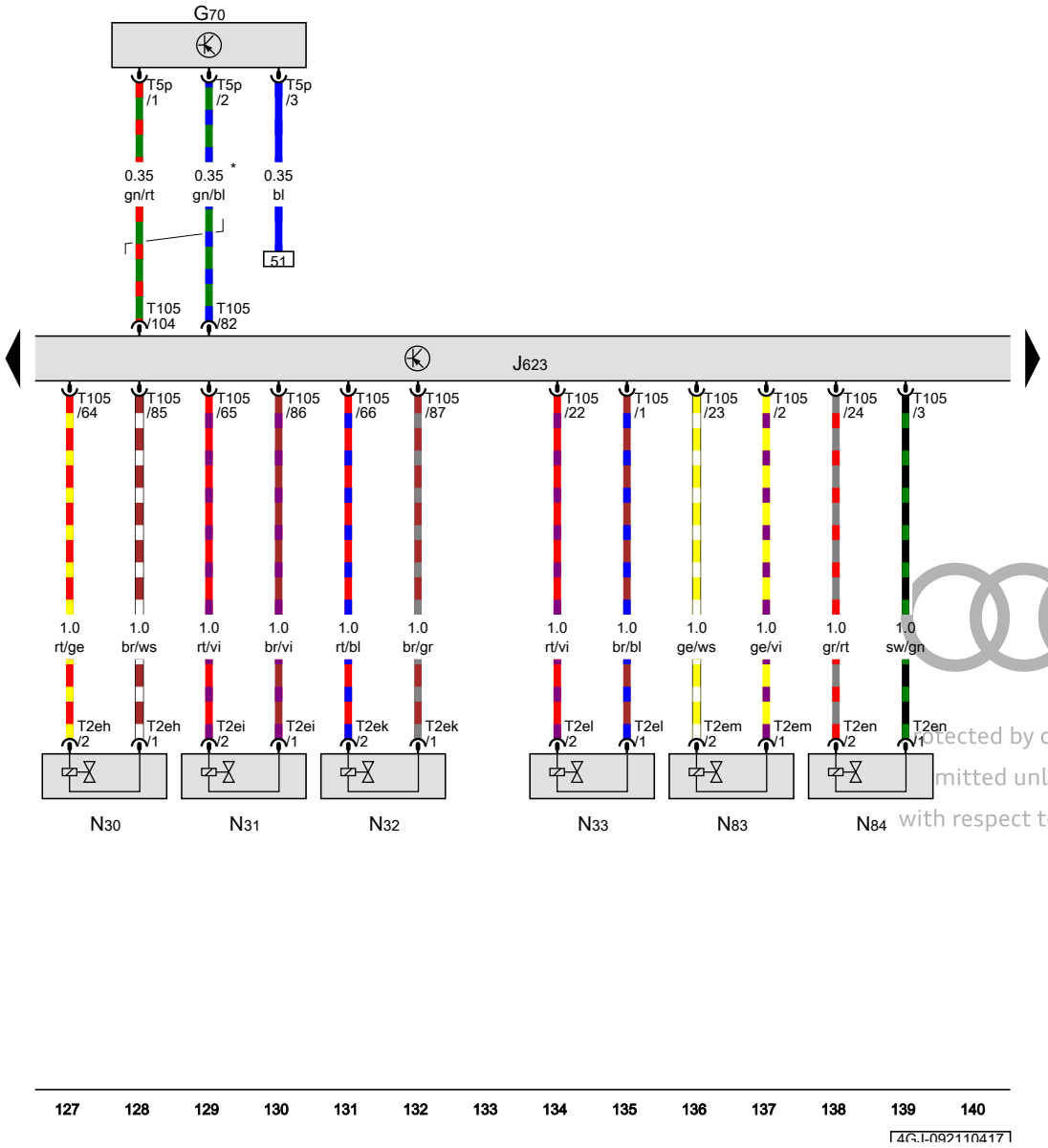
E45	Cruise control system switch
G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J587	Selector lever sensors control unit
J623	Engine control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector, black
T32g	32-pin connector, grey
T91	91-pin connector, black
T105	105-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for multifunction steering wheel
*3	Only models with cruise control system (CCS)
*4	For models with automatic gearbox
*5	Only right-hand drive models
*6	Only models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Air mass meter, Engine control unit, Injector, cylinder 1

G70	Air mass meter
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T5p	5-pin connector, black
T105	105-pin connector, black
*	Wiring colour depends on equipment

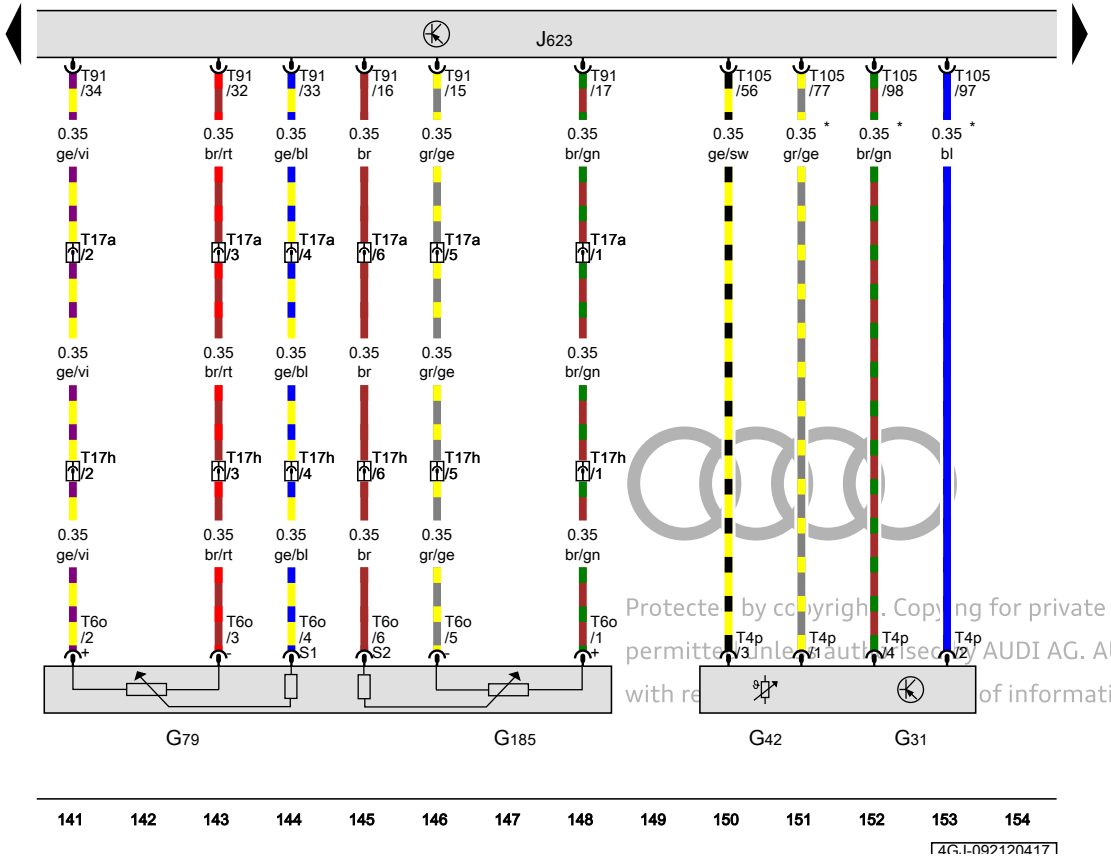


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T4p	4-pin connector, black
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black
*	Wiring colour depends on equipment

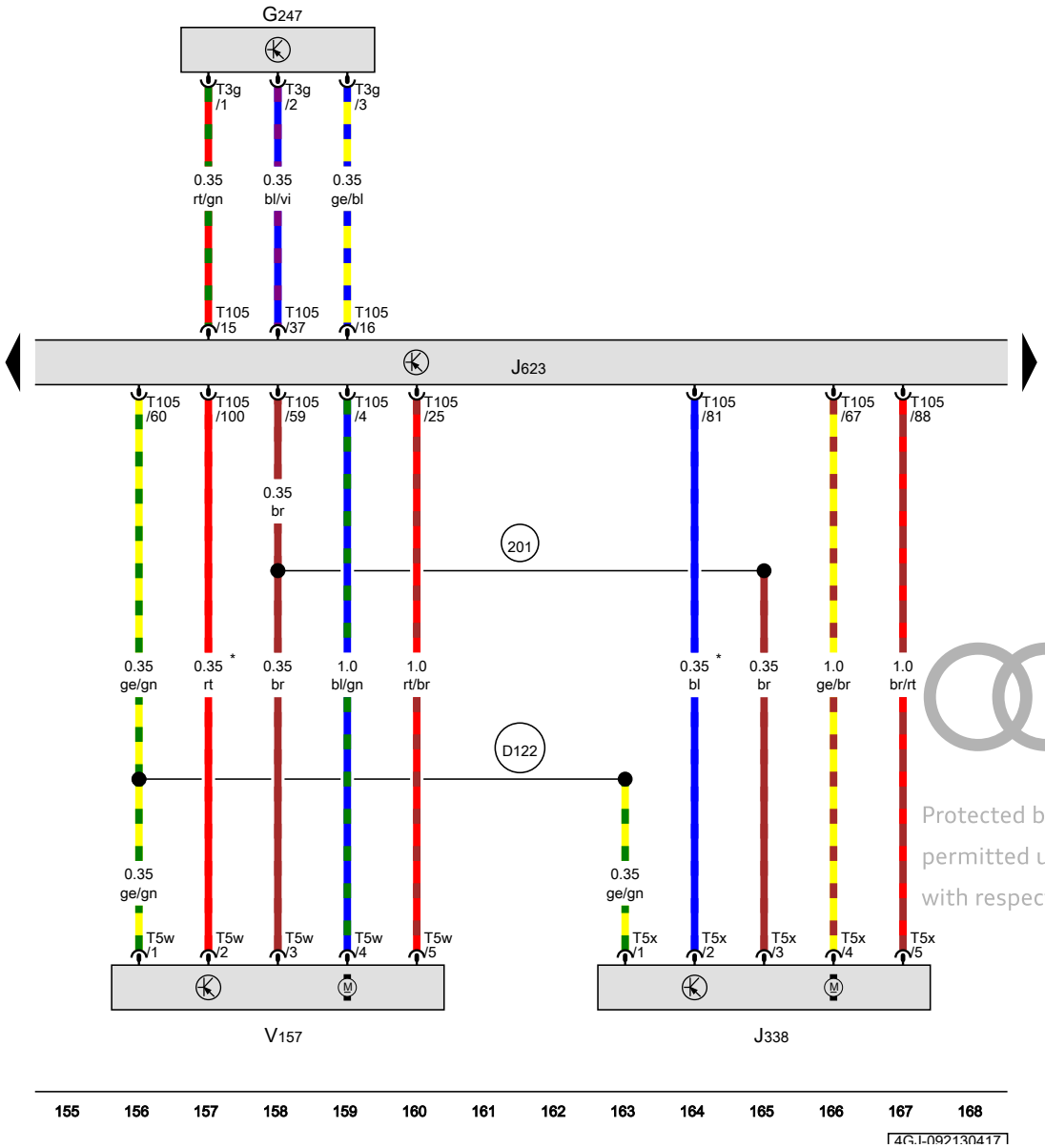


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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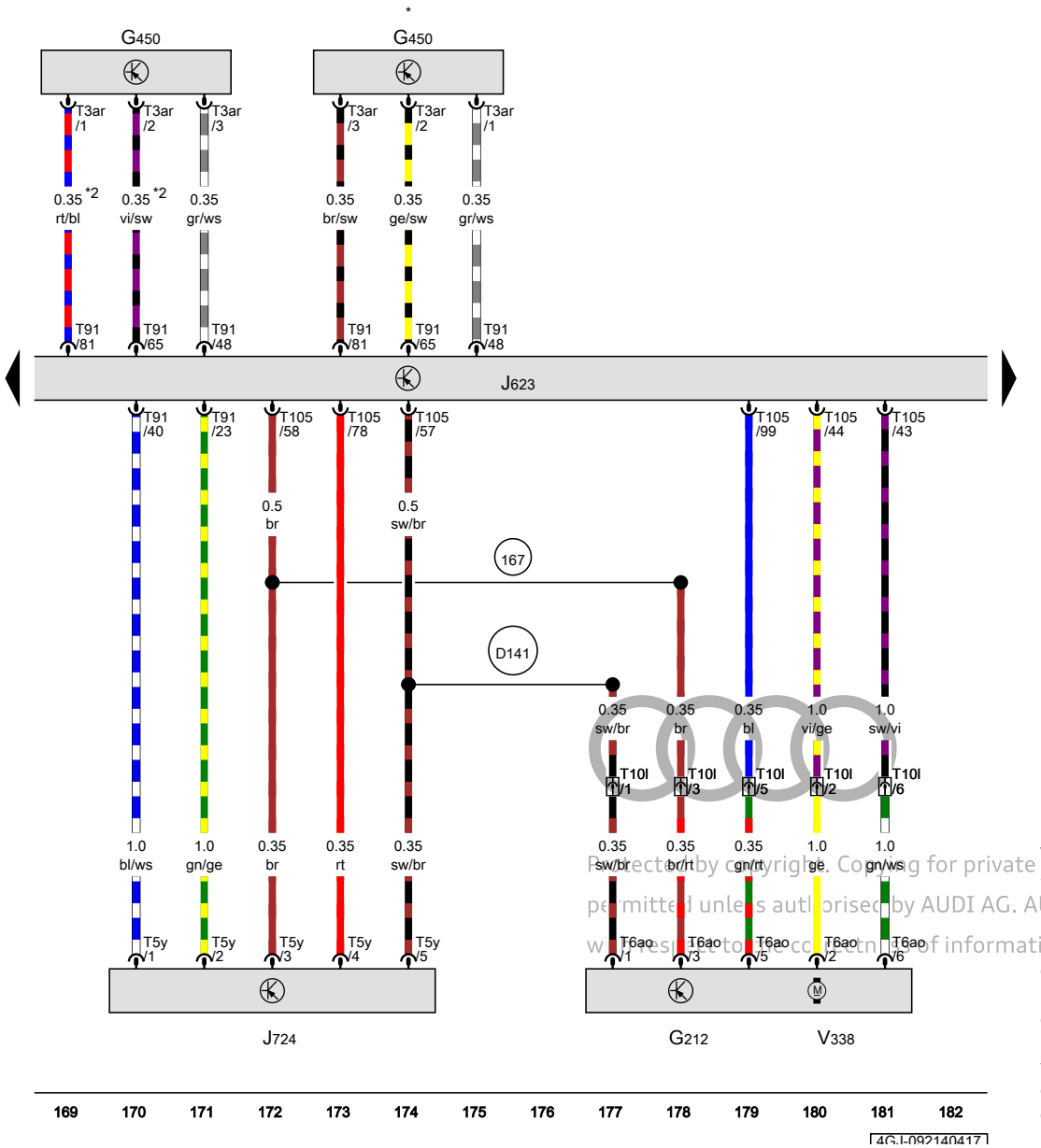
Fuel pressure sender, Throttle valve module, Engine control unit, Intake manifold flap motor

G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T3g	3-pin connector, black
T5w	5-pin connector, black
T5x	5-pin connector, black
T105	105-pin connector, black
V157	Intake manifold flap motor
201	Earth connection 5, in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	Wiring colour depends on equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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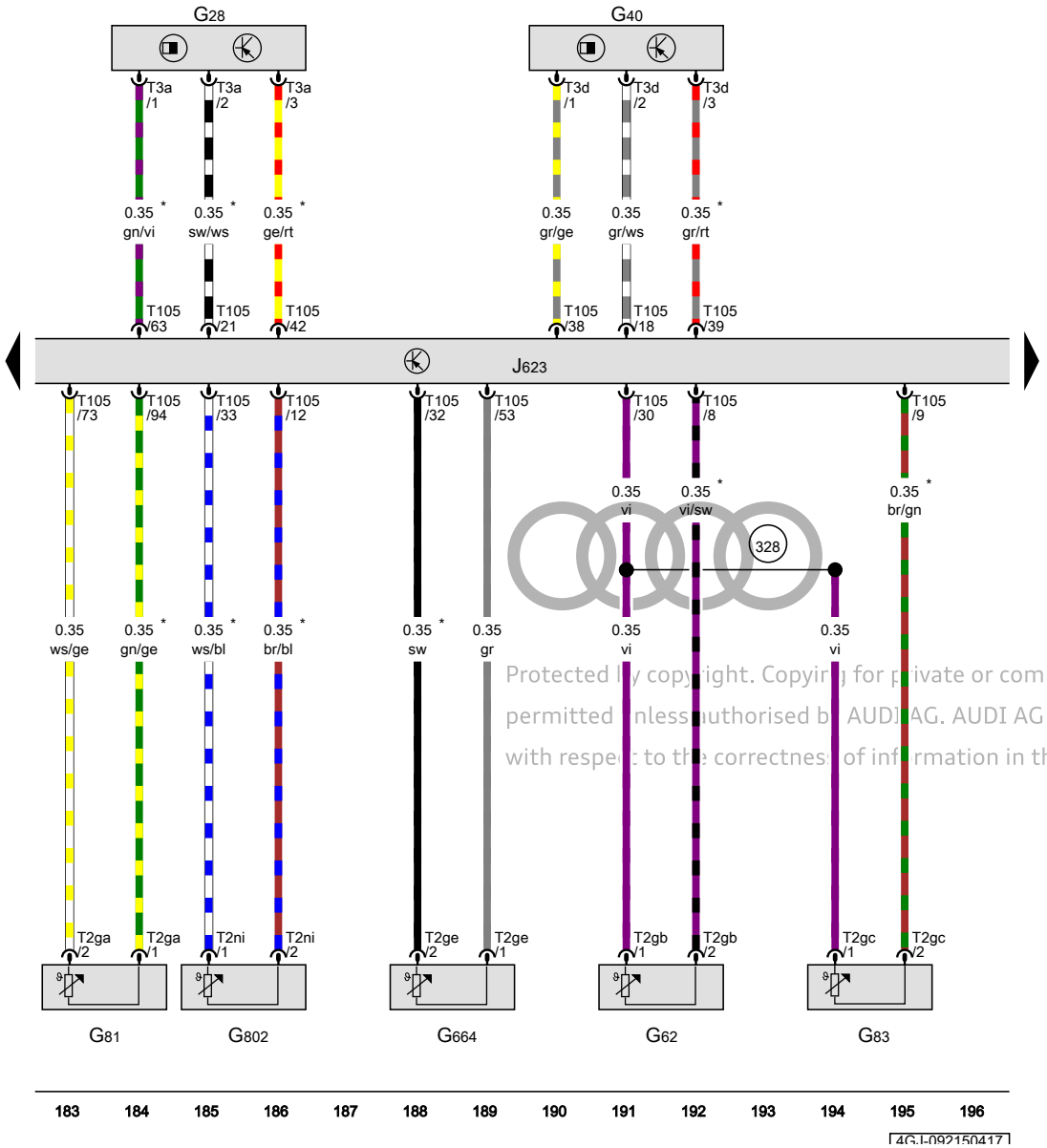
Exhaust gas pressure sensor 1, Engine control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

G212	Exhaust gas recirculation potentiometer
G450	Exhaust gas pressure sensor 1
J623	Engine control unit
J724	Turbocharger 1 control unit
T3ar	3-pin connector, black
T5y	5-pin connector, black
T6ao	6-pin connector, grey
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
V338	Exhaust gas recirculation control motor
167	Earth connection 4, in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Only for American markets
*2	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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Engine speed sender, Hall sender, Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Oil temperature sender 2, Coolant temperature sender 2, Engine control unit



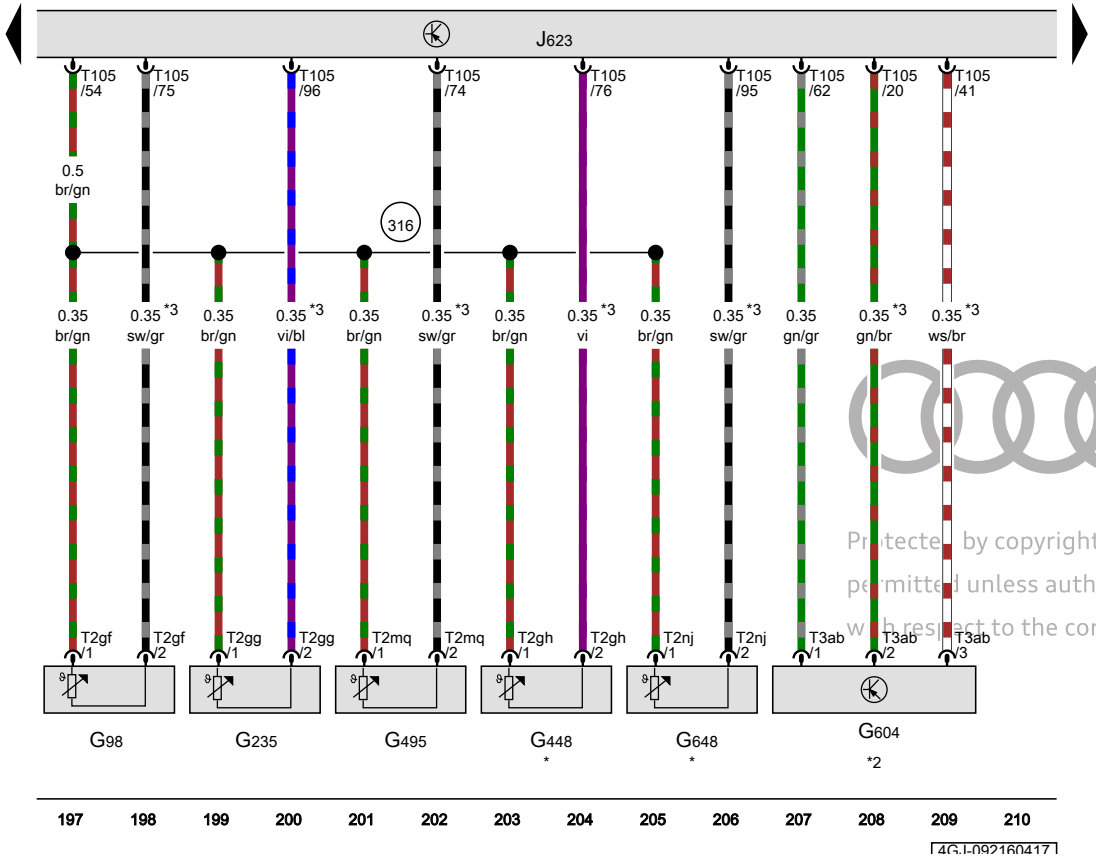
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G28	Engine speed sender
G40	Hall sender
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
G664	Oil temperature sender 2
G802	Coolant temperature sender 2
J623	Engine control unit
T2ga	2-pin connector
T2gb	2-pin connector
T2gc	2-pin connector
T2ge	2-pin connector
T2ni	2-pin connector
T3a	3-pin connector, black
T3d	3-pin connector, black
T105	105-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
*	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 4, Engine control unit

G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G604	Gear detection sensor
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T2gf	2-pin connector
T2gg	2-pin connector
T2gh	2-pin connector
T2mq	2-pin connector
T2nj	2-pin connector
T3ab	3-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
*	Not for models with Euro 4 emission standard
*2	Only models with manual gearbox
*3	Wiring colour depends on equipment

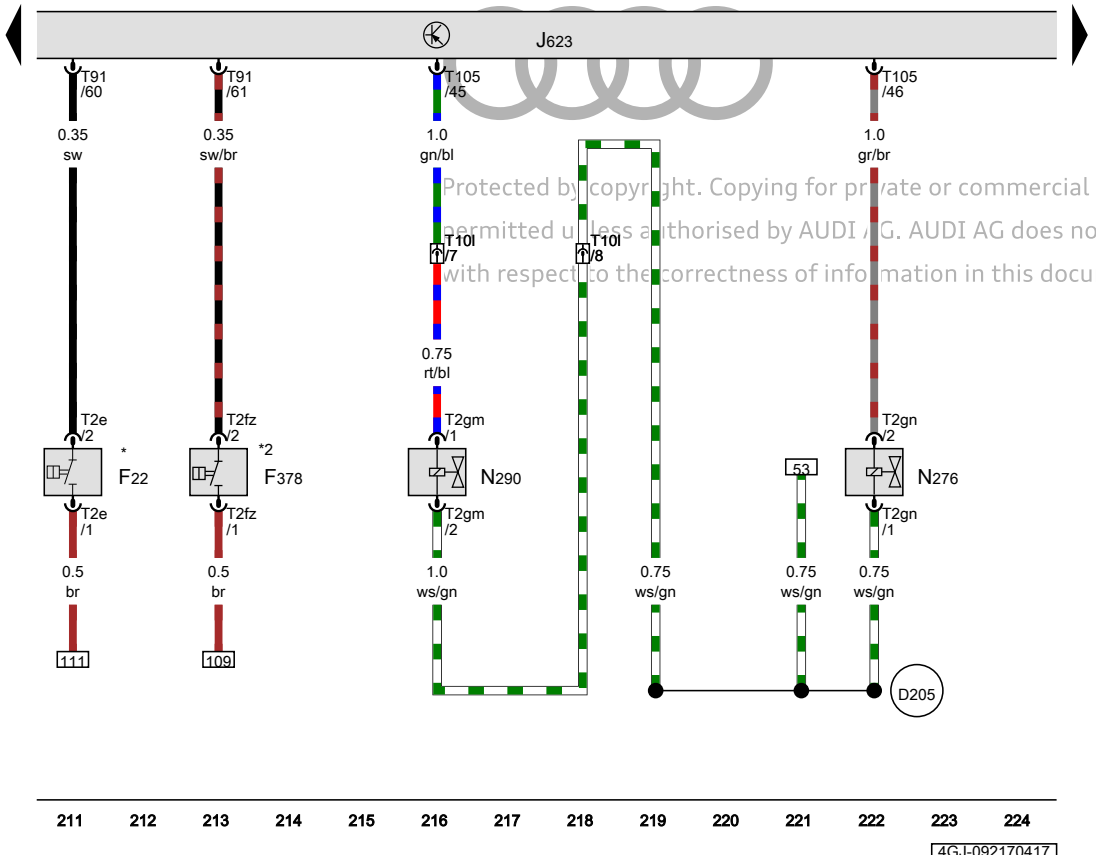


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2e	2-pin connector
T2fz	2-pin connector
T2gm	2-pin connector
T2gn	2-pin connector
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
D205	Connection 3 (87a) in engine prewiring harness
*	2.6 bar
*2	0.9 bar

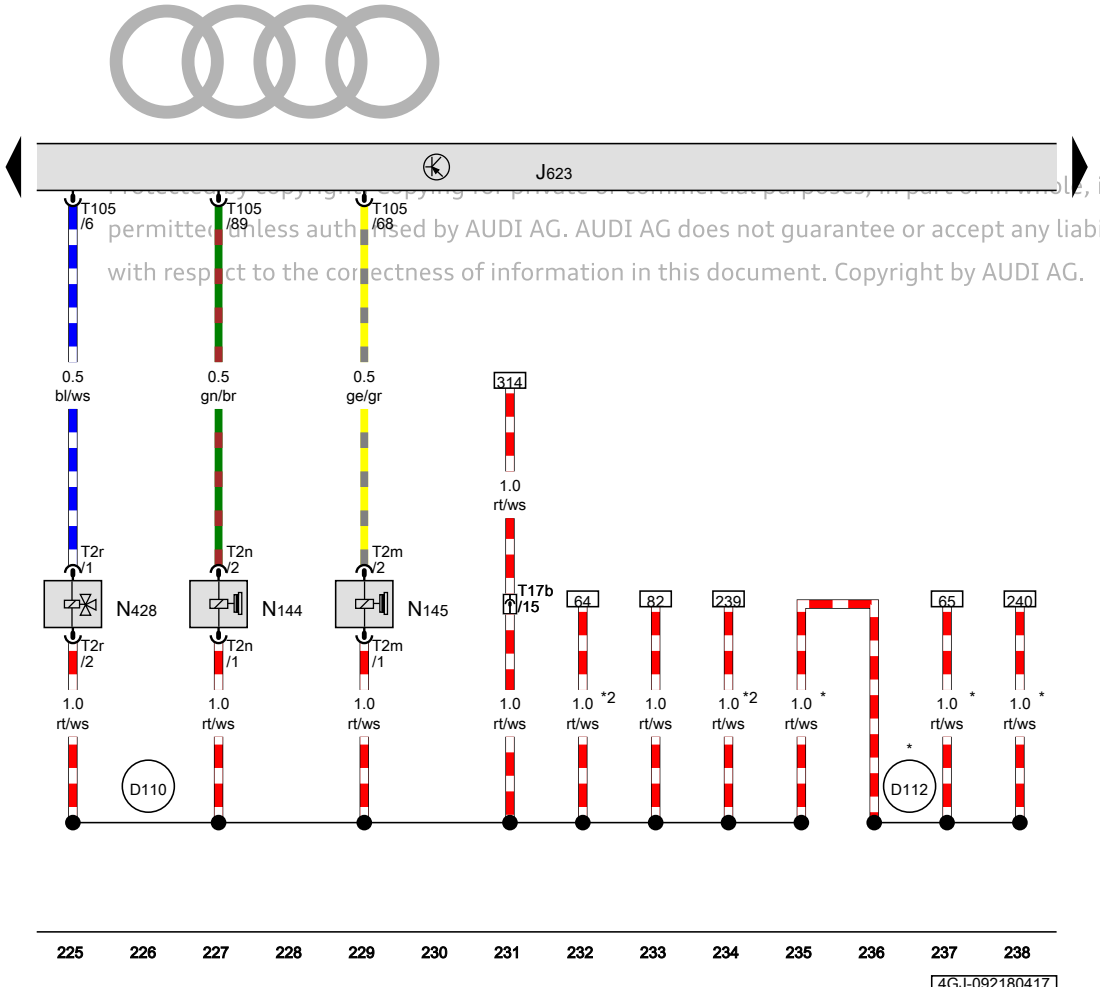


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or	=	orange
rs	=	pink

Engine control unit, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control

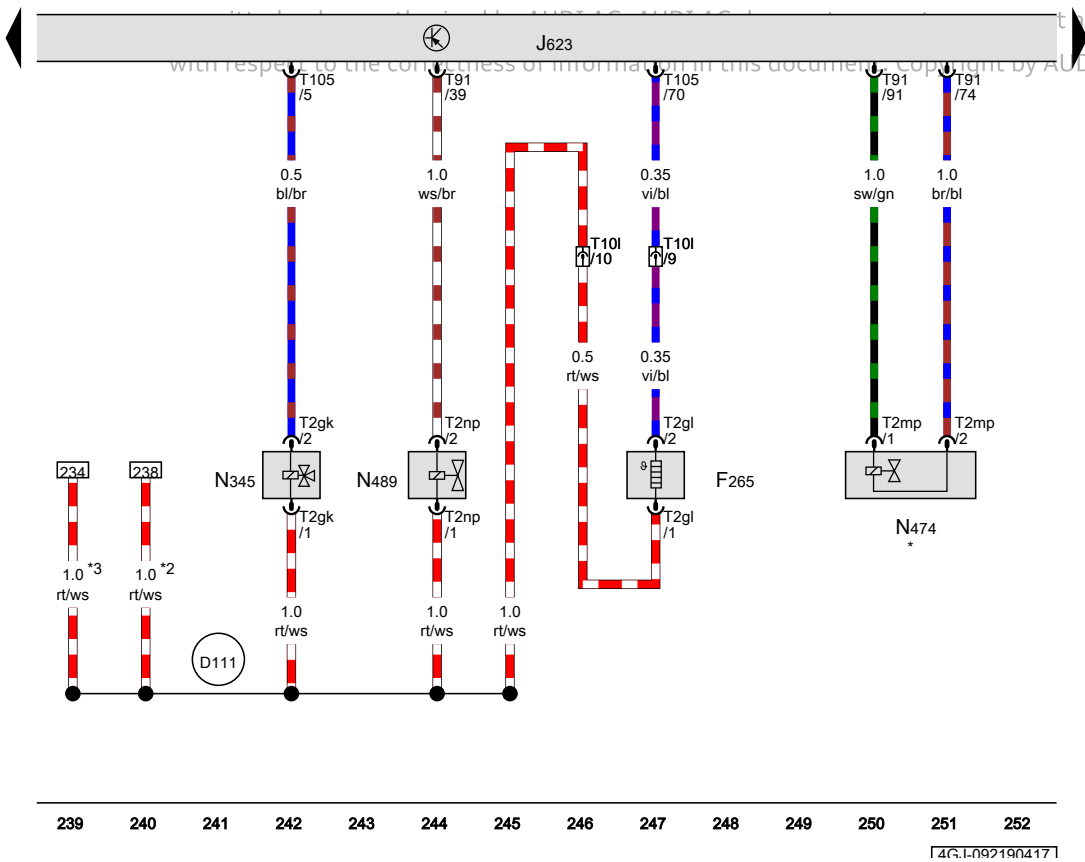
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
T2m	2-pin connector
T2n	2-pin connector
T2r	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T105	105-pin connector, black
D110	Connection 8 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction



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rt	=	red
br	=	brown
gn	=	green
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rs = pink

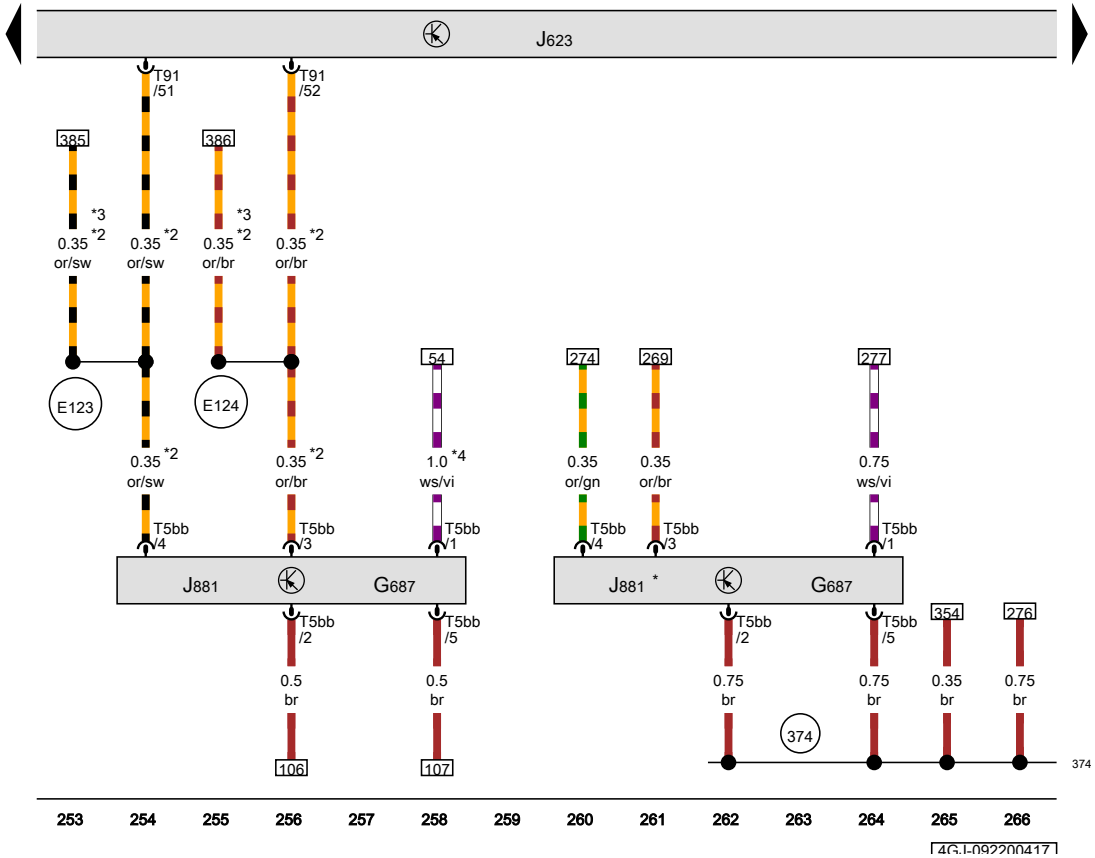
Engine control unit, Exhaust gas recirculation cooler changeover valve, Injector for reducing agent, Coolant valve for cylinder head

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N345	Exhaust gas recirculation cooler changeover valve
N474	Injector for reducing agent
N489	Coolant valve for cylinder head
T2gk	2-pin connector
T2gl	2-pin connector
T2mp	2-pin connector
T2np	2-pin connector
T10l	10-pin connector, on right in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
D111	Connection 9 in engine compartment wiring harness
*	Not for models with Euro 4 emission standard
*2	Gradually discontinued
*3	gradual introduction

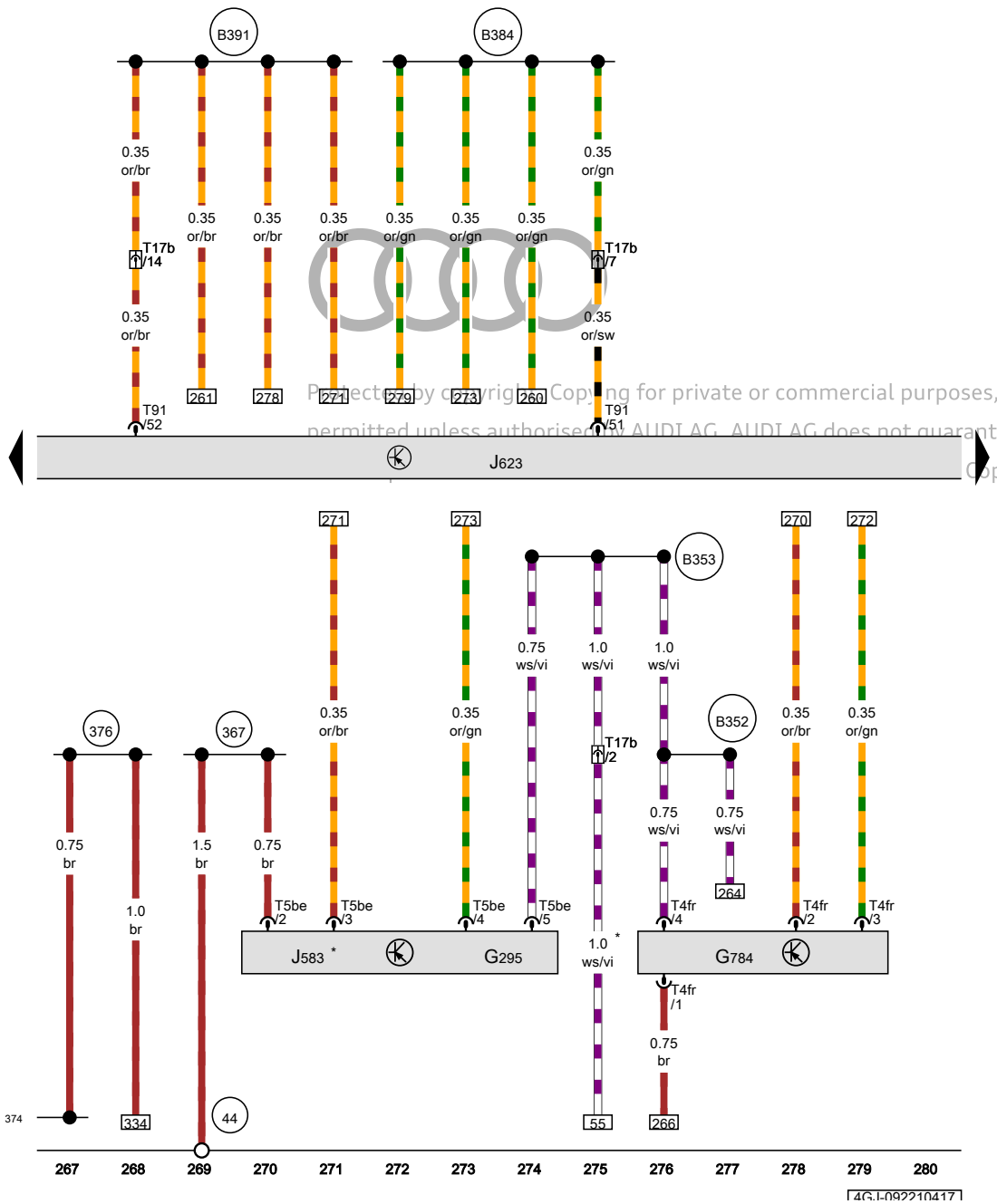
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Engine control unit, Control unit for NOx sender 2

G687	NOx sender 2
J623	Engine control unit
J881	Control unit for NOx sender 2
T5bb	5-pin connector
T91	91-pin connector, black
374	Earth connection 9, in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only for American markets
*2	Data bus wire (CAN bus)
*3	According to equipment
*4	Not for American markets



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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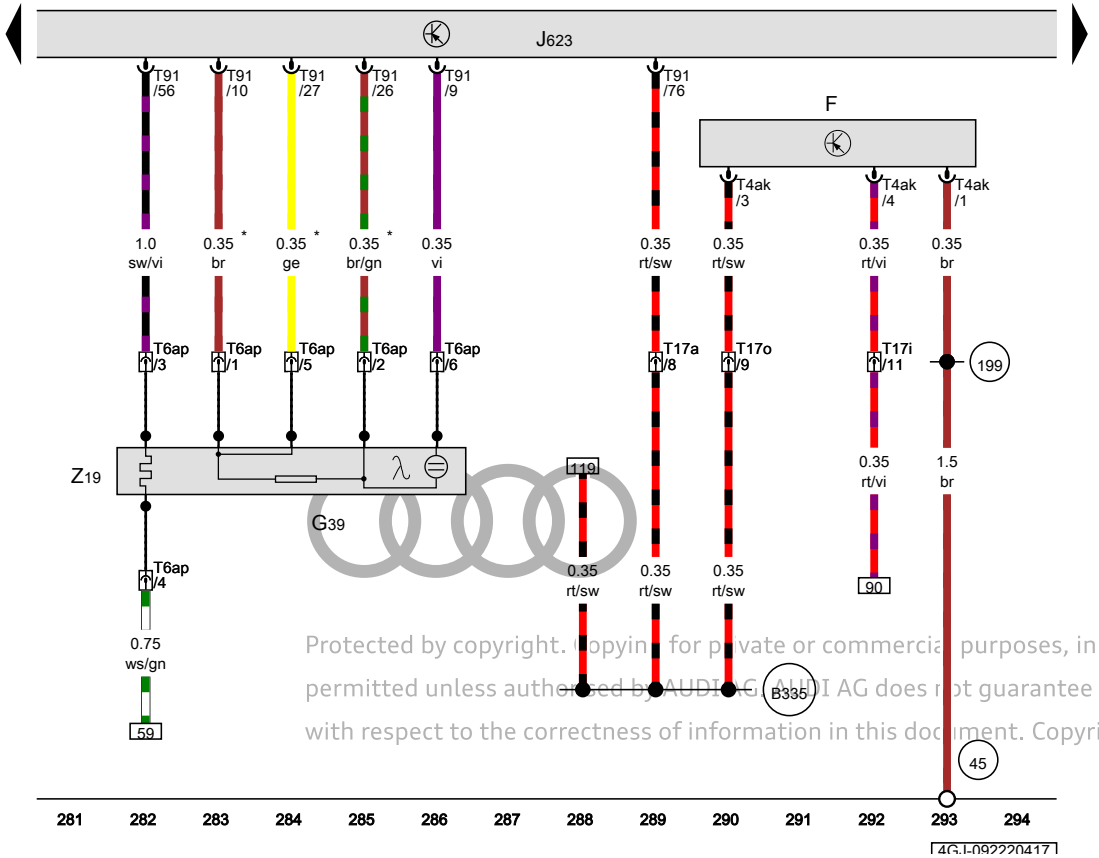
Particulate sensor, Control unit for NOx sender, Engine control unit

G295	NOx sender
G784	Particulate sensor
J583	Control unit for NOx sender
J623	Engine control unit
T4fr	4-pin connector
T5be	5-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
B352	Positive connection 3 (87a) in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
*	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

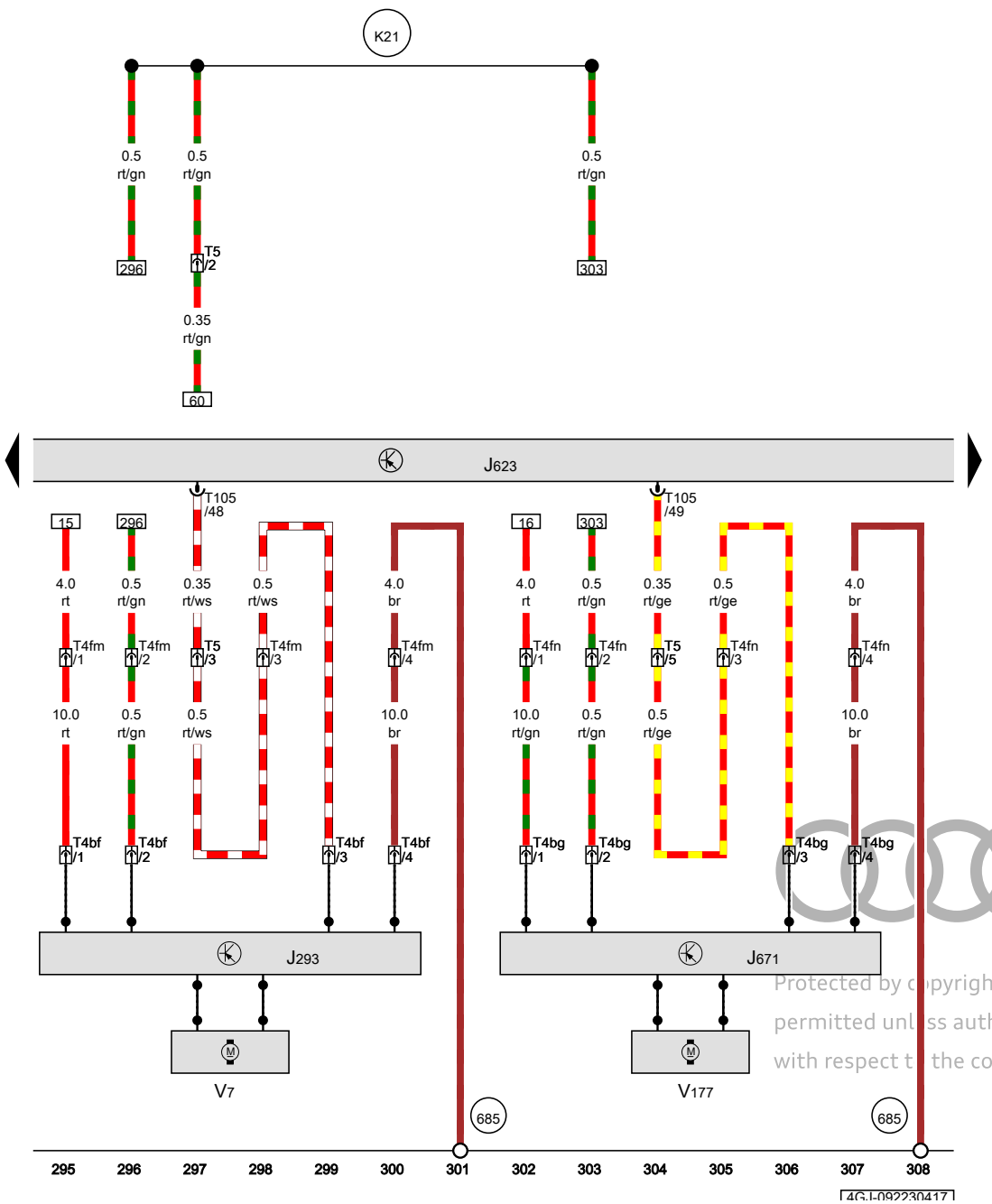
Brake light switch, Lambda probe, Engine control unit, Lambda probe heater

F	Brake light switch
G39	Lambda probe
J623	Engine control unit
T4ak	4-pin connector, black
T6ap	6-pin connector, brown
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
Z19	Lambda probe heater
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Wiring colour depends on equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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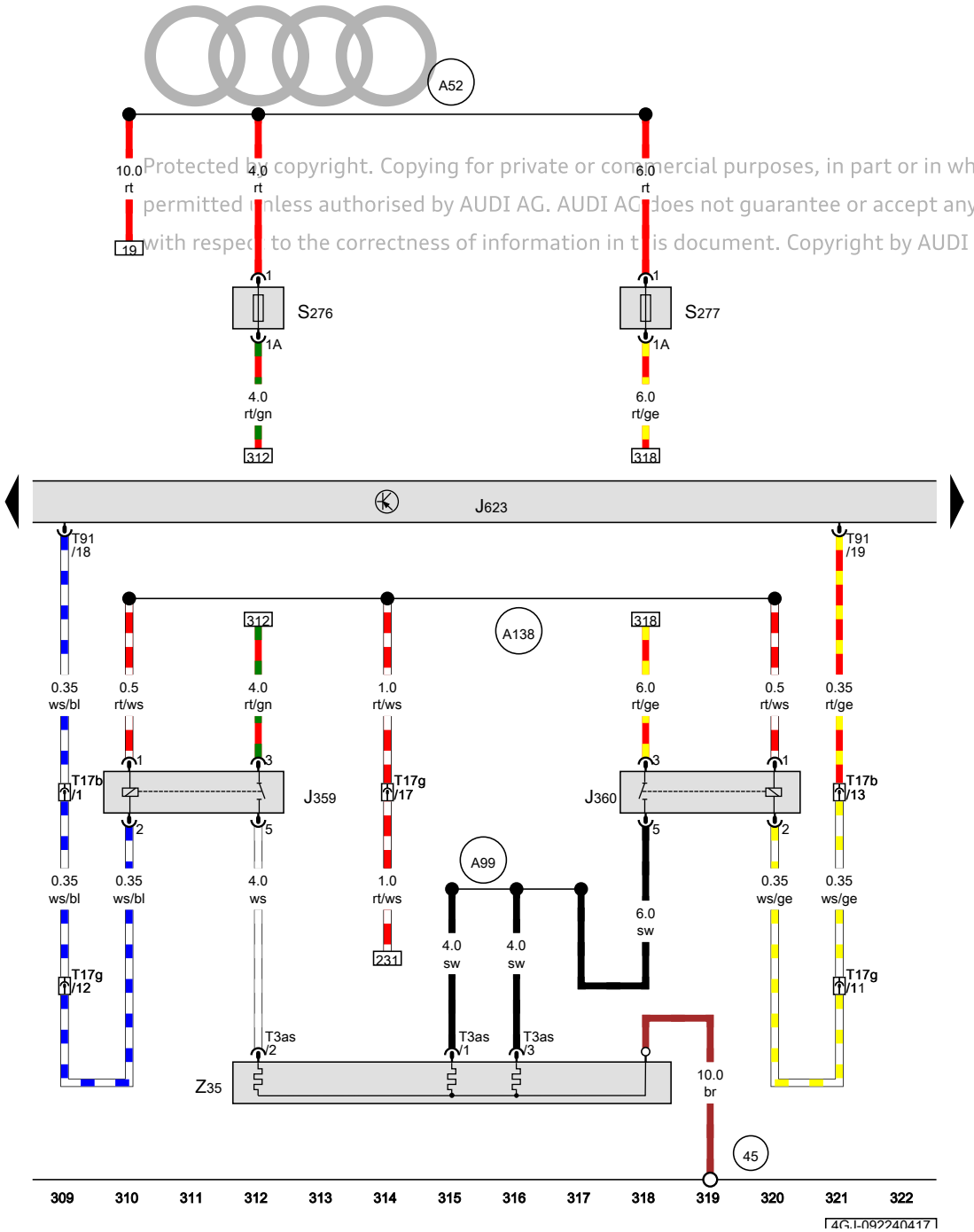


Radiator fan control unit, Engine control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan, black
T4bg	4-pin connector, on radiator fan, black
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T105	105-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
vi	=	purple
ge	=	yellow
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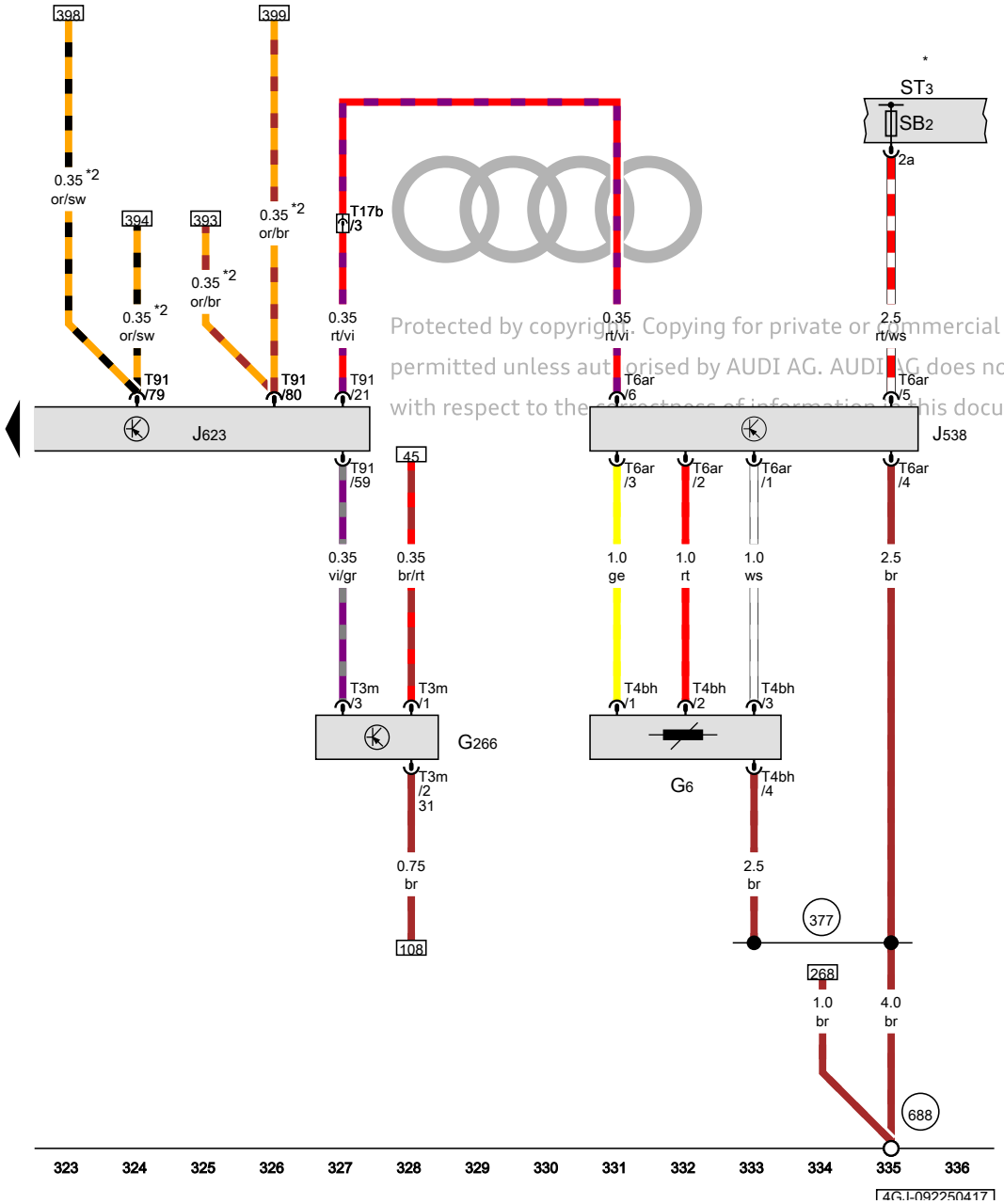


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Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S276	Heater element fuse 1, Relay carrier on left under dash panel
S277	Heater element fuse 2, Relay carrier on left under dash panel
T3as	3-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T91	91-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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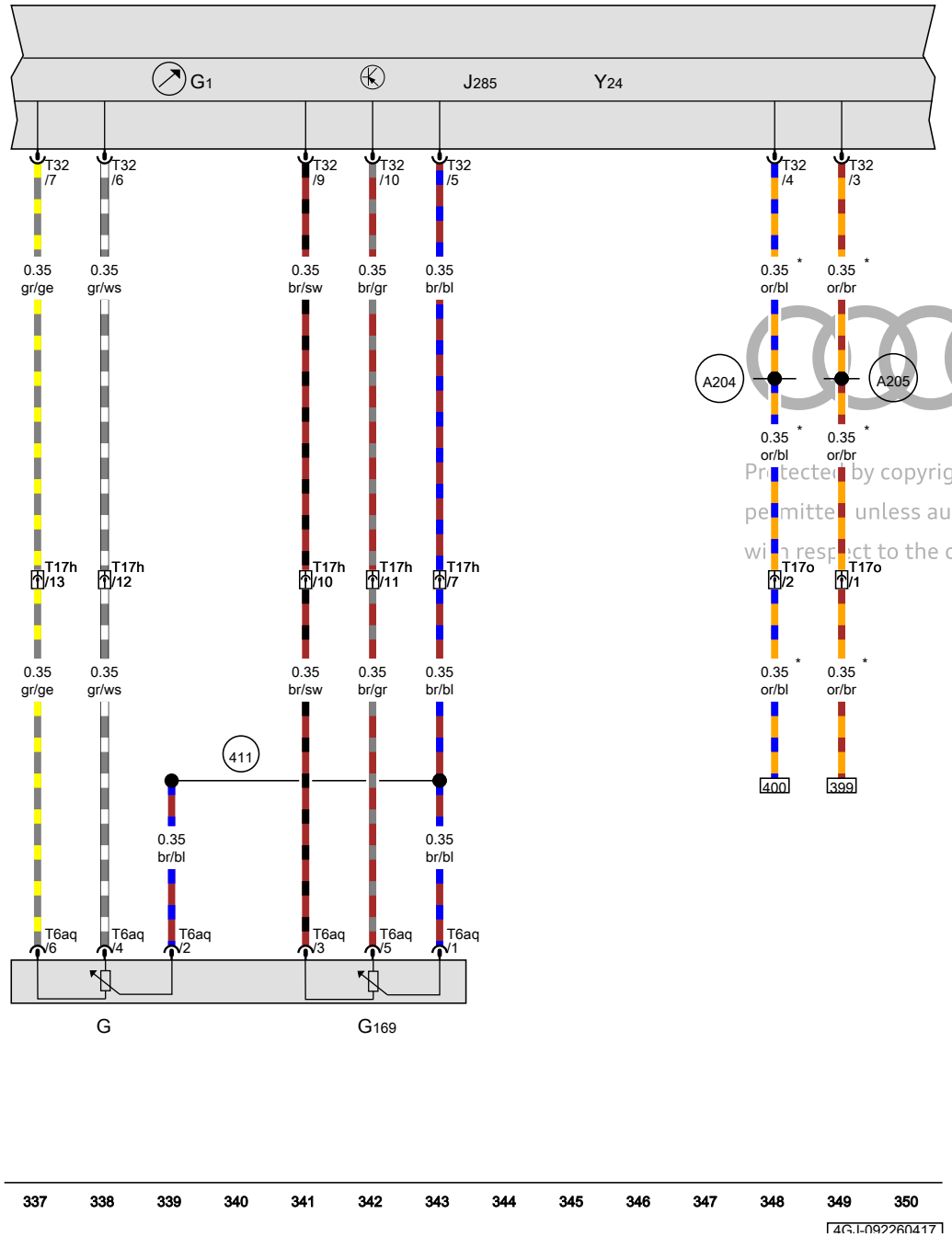


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Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bh	4-pin connector, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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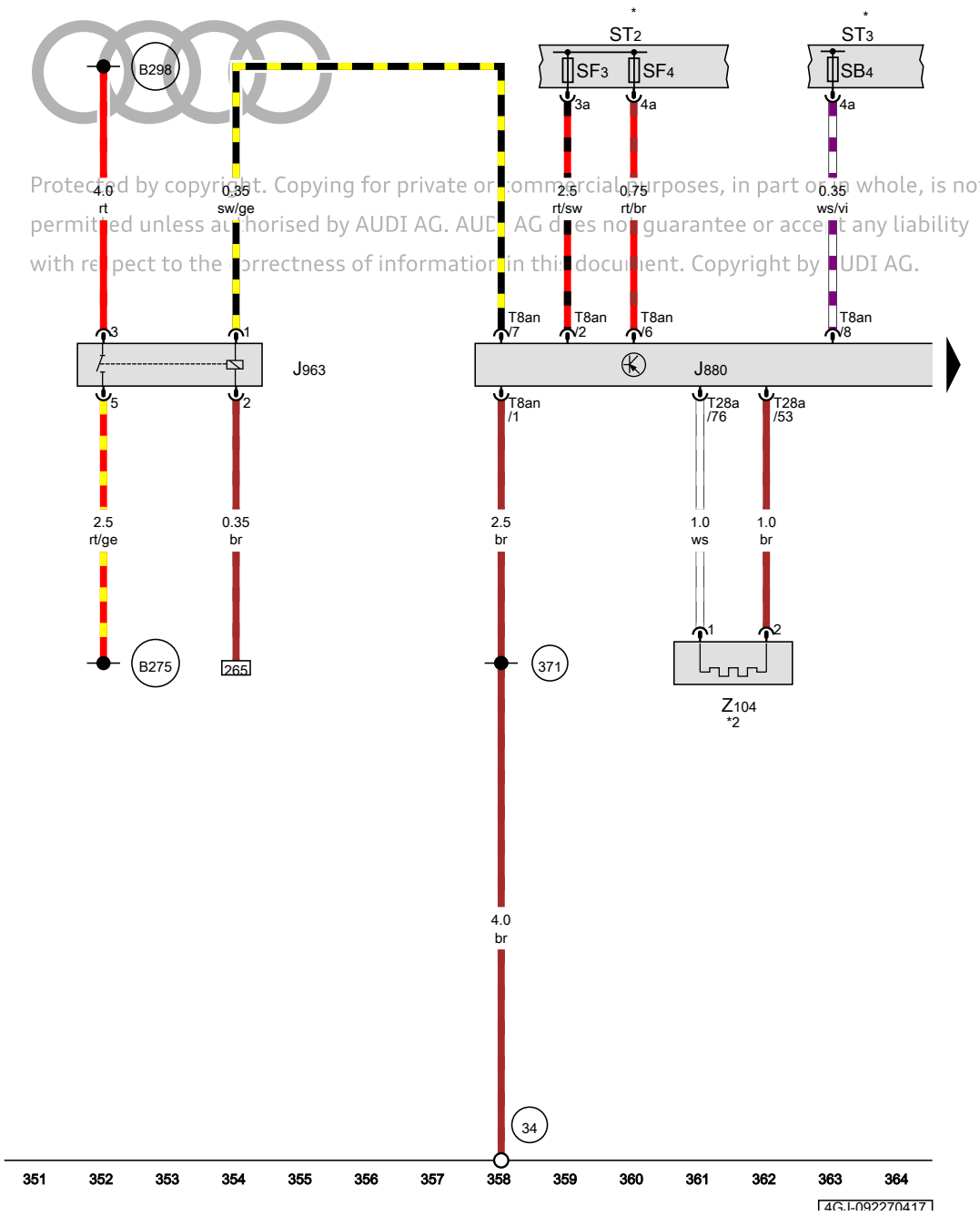
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector, black
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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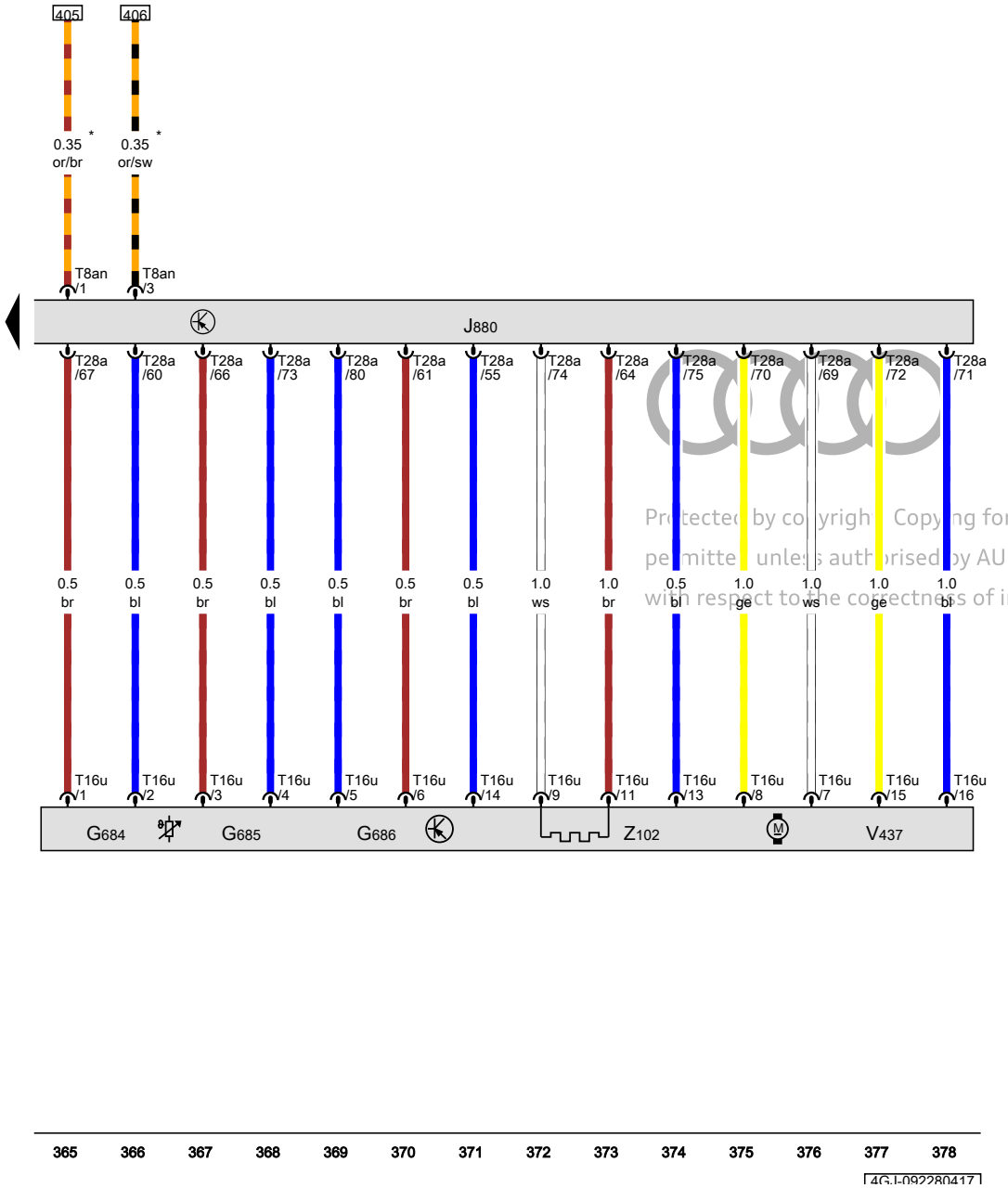
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for reducing agent metering system, Relay for reducing agent metering system, Heater for reducing agent line (heater circuit 2)

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SB4	Fuse 4 on fuse holder B
T8an	8-pin connector, black
T28a	28-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
B275	Positive connection (87), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Heater for reducing agent line can comprise multiple sections

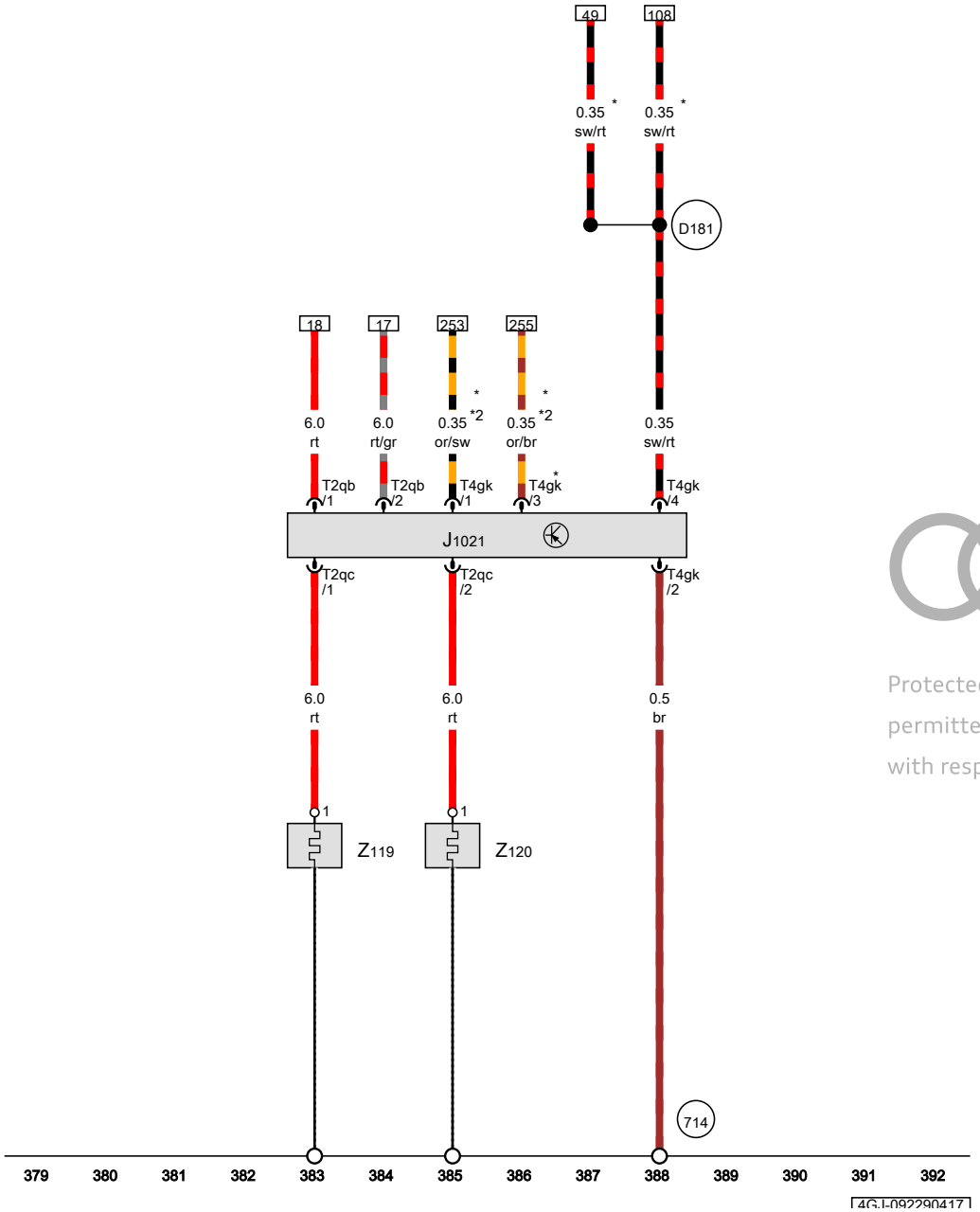
Control unit for reducing agent metering system

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T8an	8-pin connector, black
T16u	16-pin connector, black
T28a	28-pin connector, black
V437	Pump for reducing agent
Z102	Heater for reducing agent tank (heater circuit 1)
*	Data bus wire (CAN bus)



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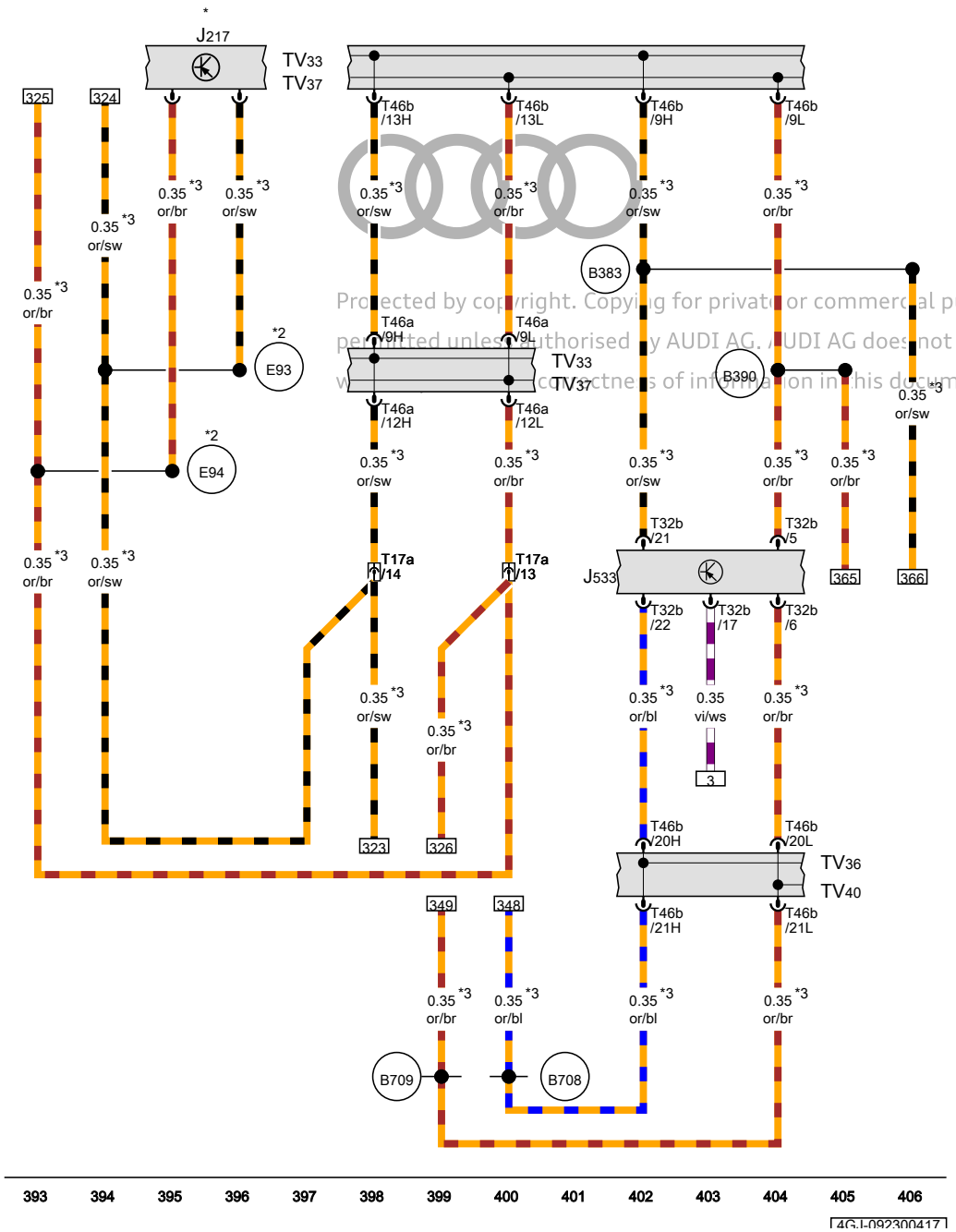


Catalytic converter heater control unit 1, Catalytic converter heater 1, Catalytic converter heater 2

J1021	Catalytic converter heater control unit 1
T2qb	2-pin connector, brown
T2qc	2-pin connector, black
T4gk	4-pin connector, black
Z119	Catalytic converter heater 1
Z120	Catalytic converter heater 2
714	Earth point on right of engine
D181	Connection 2 (87a), in engine compartment wiring harness
*	According to equipment
*2	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b 32-pin connector, black
T46a 46-pin connector, black
T46b 46-pin connector, black
TV33 Wiring junction for powertrain CAN bus, high
TV36 Wiring junction for dash panel insert CAN bus, high
TV37 Wiring junction for powertrain CAN bus, low
TV40 Wiring junction for dash panel insert CAN bus, low

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B708 Connection 1 (dash panel insert CAN bus high) in main wiring harness

B709 Connection 1 (dash panel insert CAN bus low) in main wiring harness

E93 Connection 1 (CAN bus high), in engine wiring harness

E94 Connection 1 (CAN bus low), in engine wiring harness

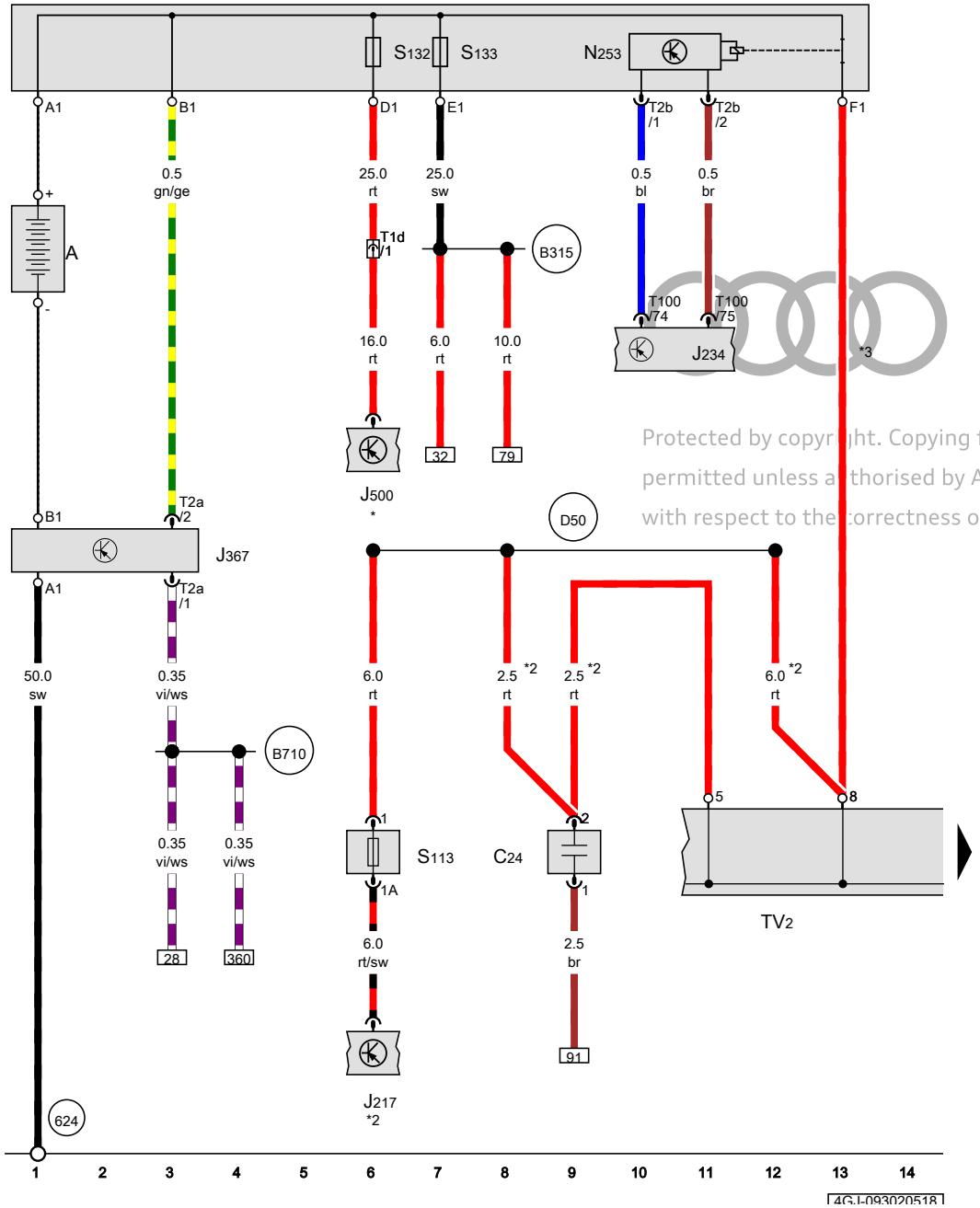
* see applicable current flow diagram for automatic gearbox
*2 Only models with no manual gearbox
*3 Data bus wire (CAN bus)

2.0l petrol engine , CYNB,CYPA,CYPB,CUHA

From September 2014



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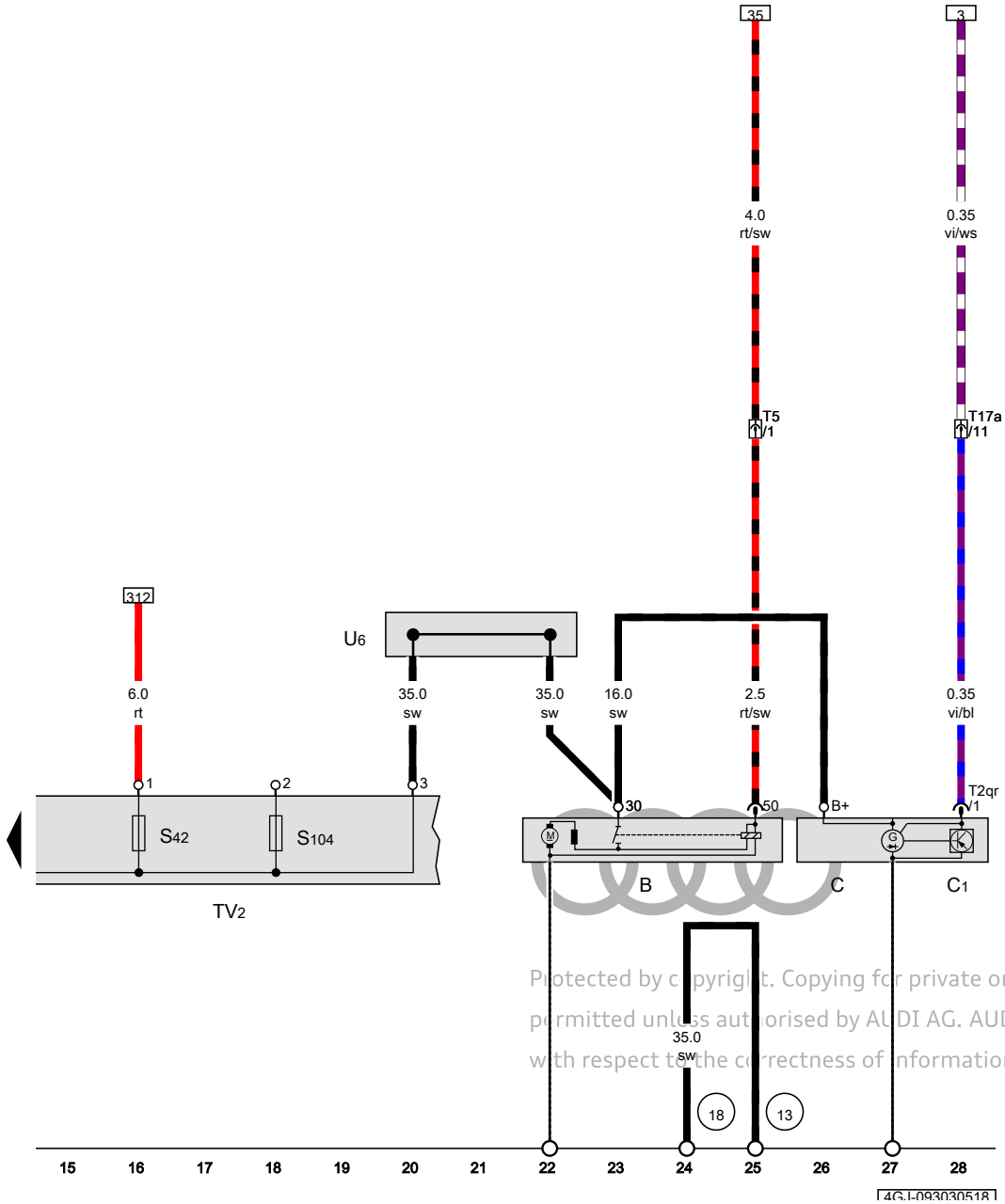
Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J217	Automatic gearbox control unit
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction
T100	100-pin connector, yellow
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for automatic gearbox
*3	Flat conductor

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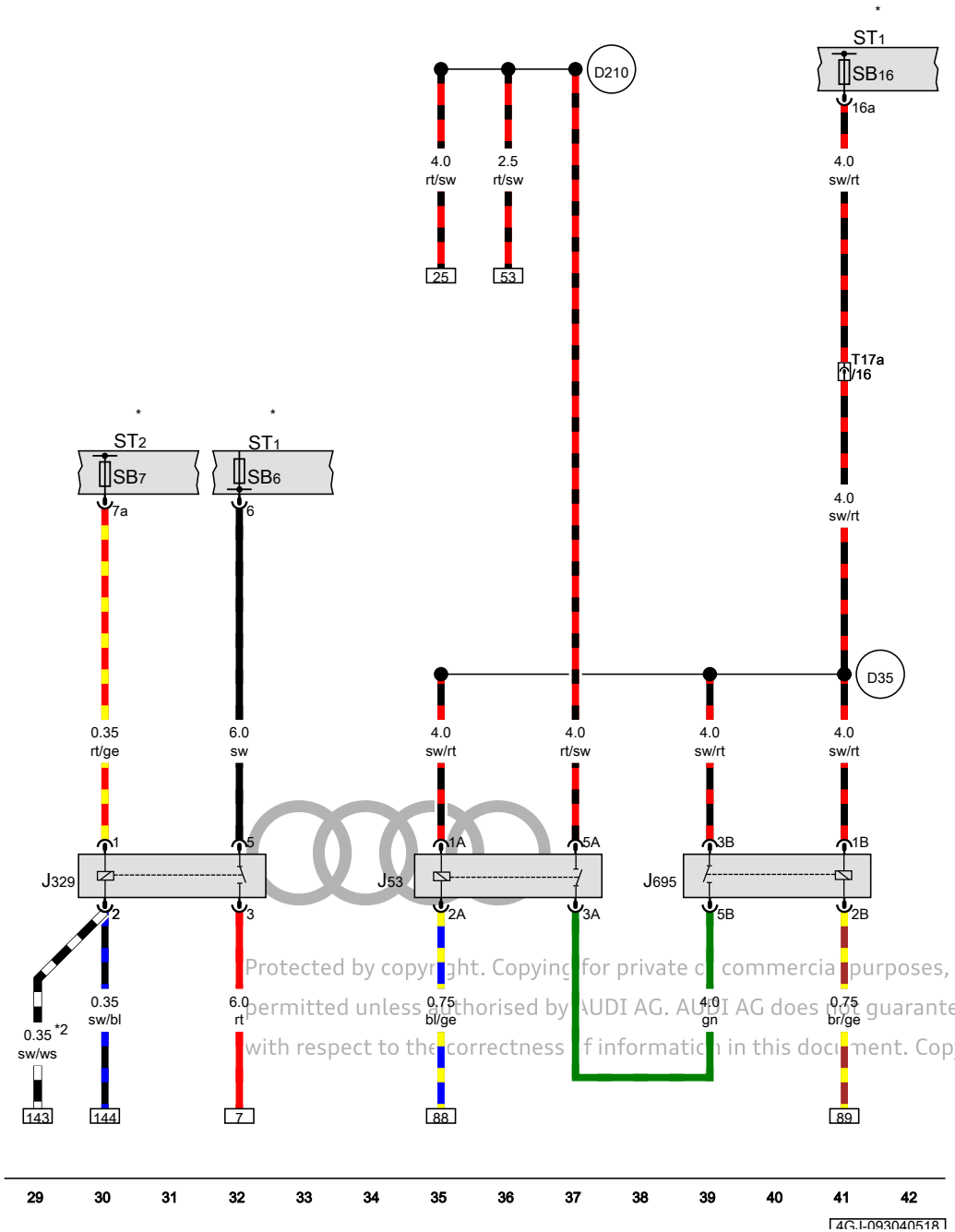
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2qr	2-pin connector
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
U6	Jump start socket
13	Earth point, on right in engine compartment
18	Earth point, on cylinder block



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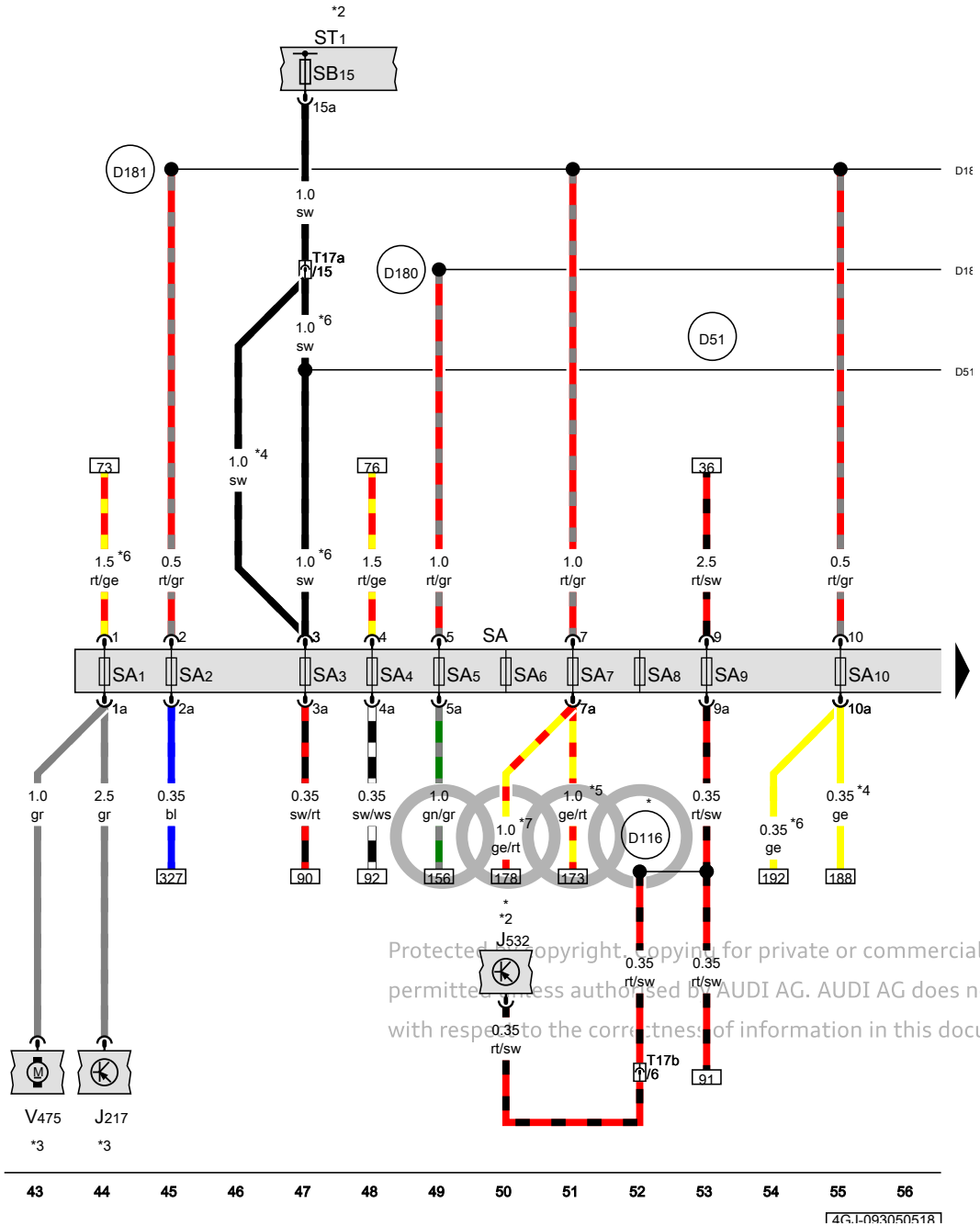


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models

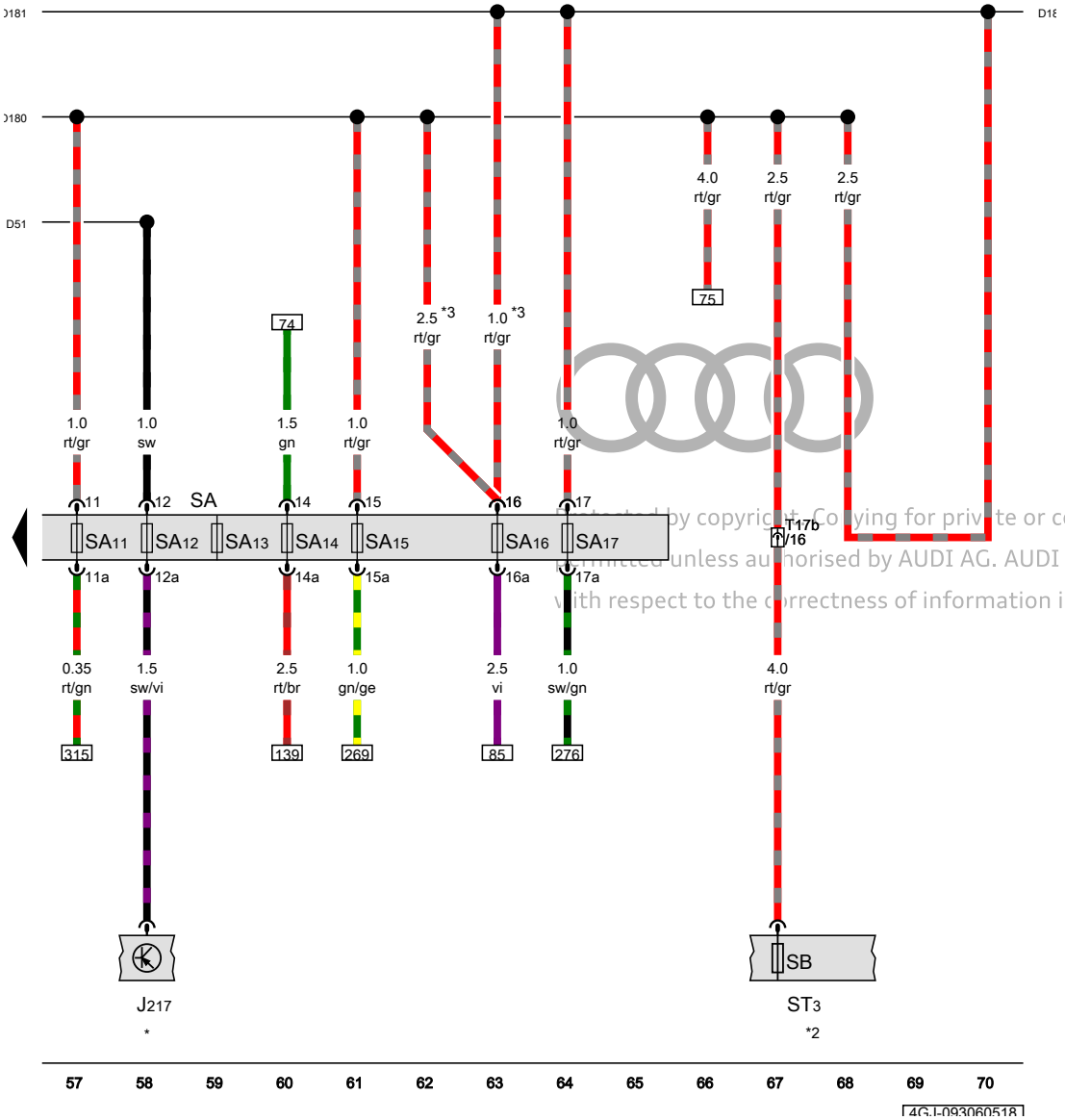


Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
ST1	Fuse carrier 1
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for automatic gearbox
*4	For models with manual gearbox
*5	Gradually discontinued
*6	For models with no manual gearbox
*7	gradual introduction

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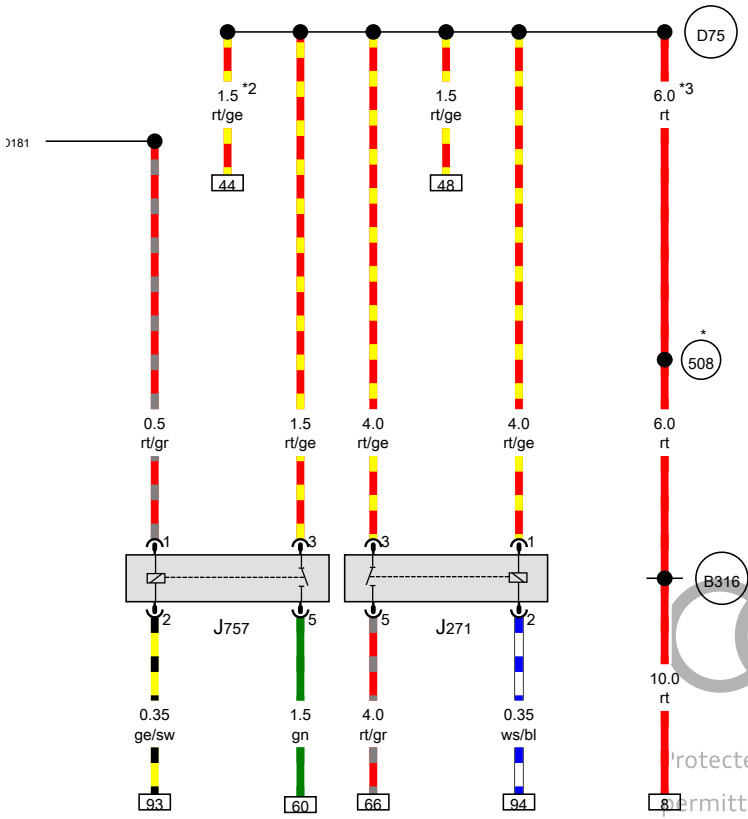


Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST3	Fuse carrier 3
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
SB	Fuse holder B
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for fuse assignment
*3	According to equipment

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Main relay, Engine component current supply relay

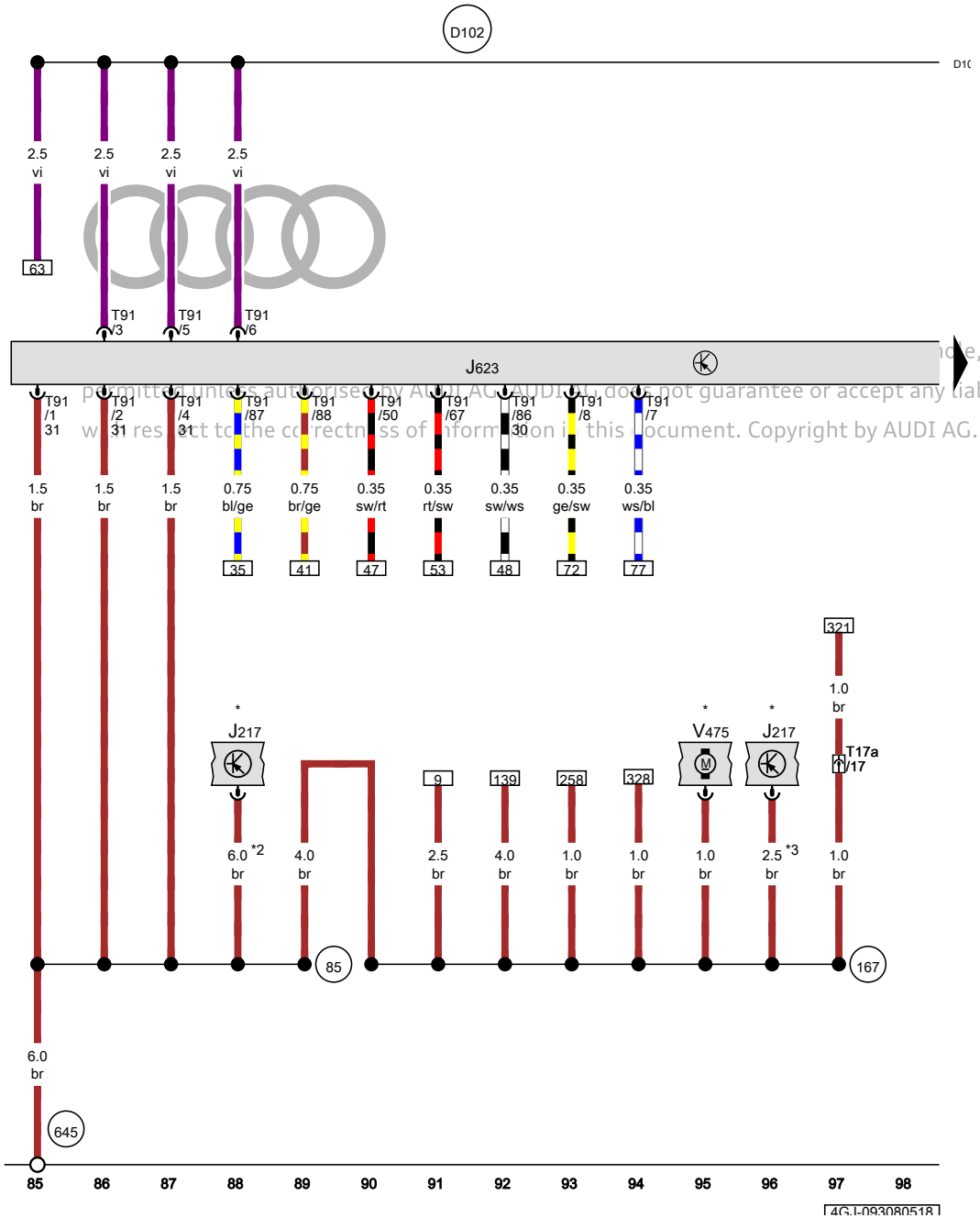
J271	Main relay, in E-box in plenum chamber
J757	Engine component current supply relay, in E-box in plenum chamber
508	Threaded connection (30) on E-box
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	Threaded connection, in E-box in plenum chamber
*2	For models with no manual gearbox
*3	Wiring colour depends on equipment

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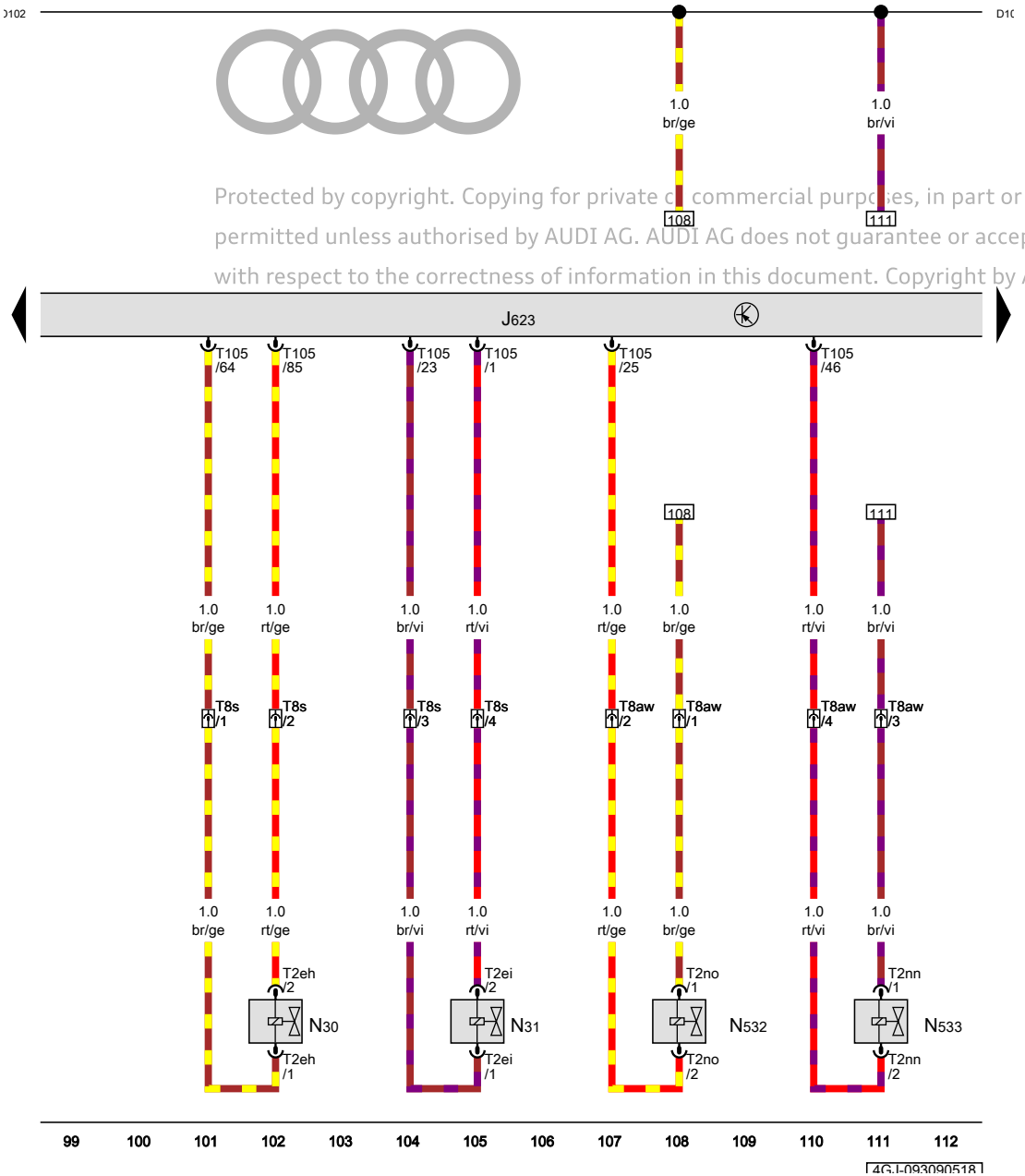
Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T91	91-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Gradually discontinued
*3	According to equipment

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Engine/motor control unit, Injector, cylinder 1

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
T2eh	2-pin connector
T2ei	2-pin connector
T2nn	2-pin connector
T2no	2-pin connector
T8aw	8-pin connector, black
T8s	8-pin connector, on right in engine compartment, black
T105	105-pin connector, black
D102	Connection 2 in engine compartment wiring harness

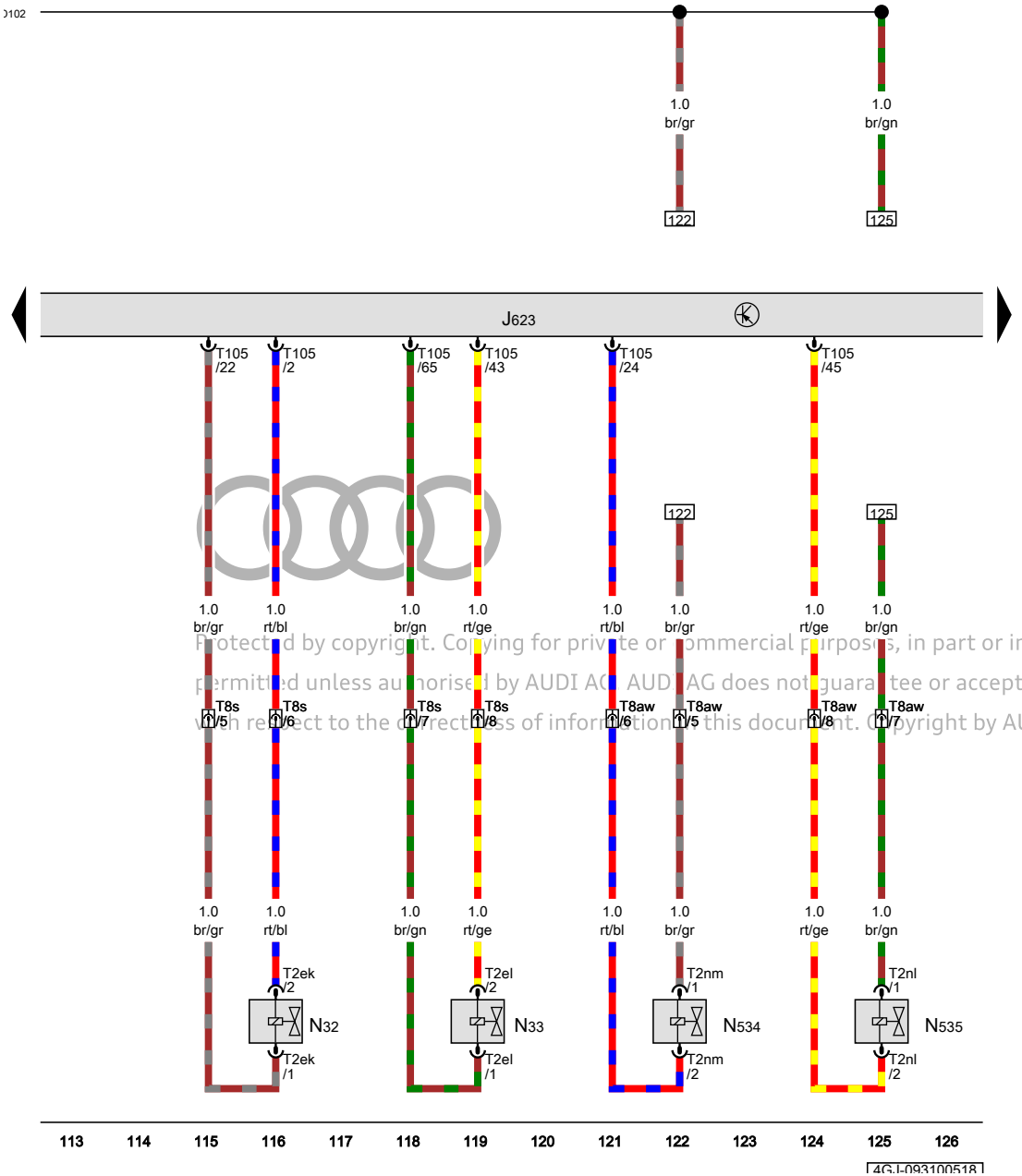


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Engine/motor control unit, Injector, cylinder 4

J623	Engine/motor control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T2ek	2-pin connector
T2el	2-pin connector
T2nl	2-pin connector
T2nm	2-pin connector
T8aw	8-pin connector, black
T8s	8-pin connector, on right in engine compartment, black
T105	105-pin connector, black
D102	Connection 2 in engine compartment wiring harness

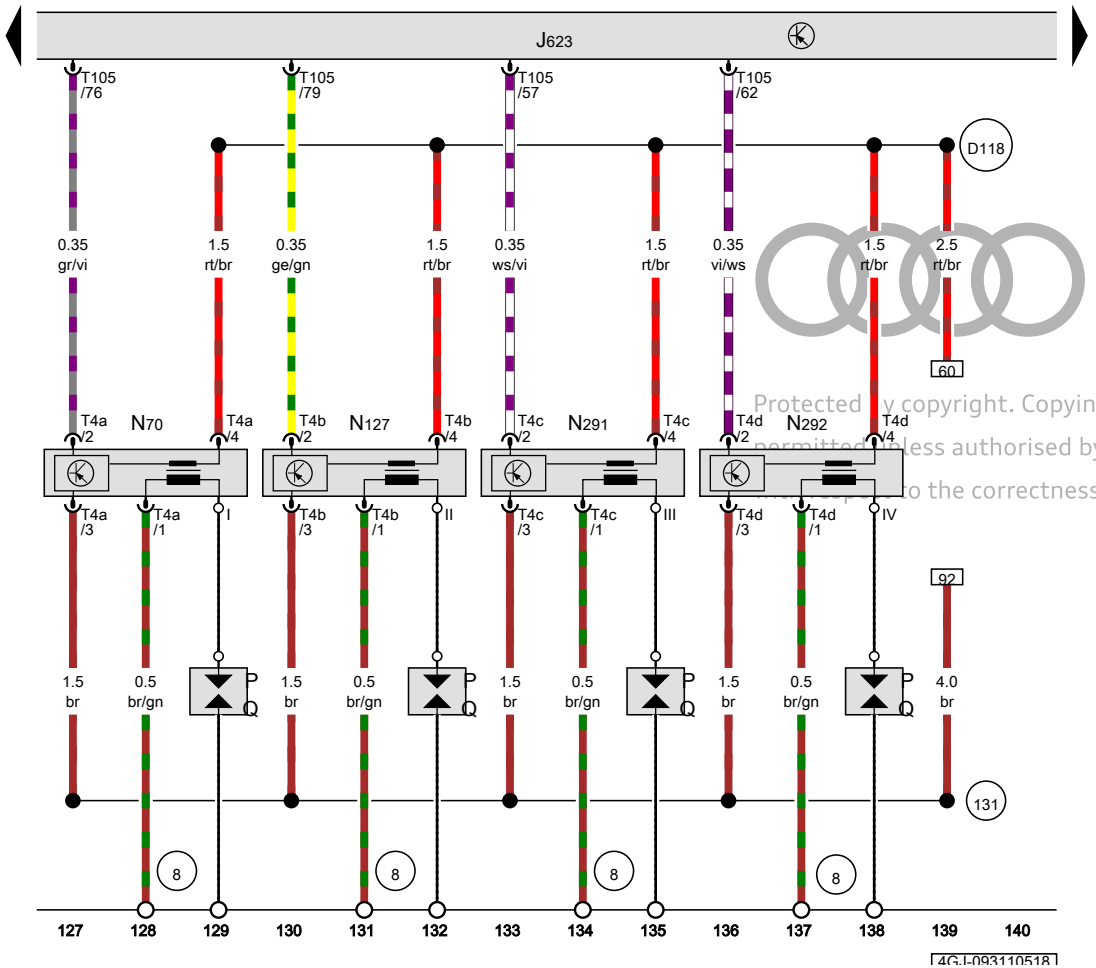


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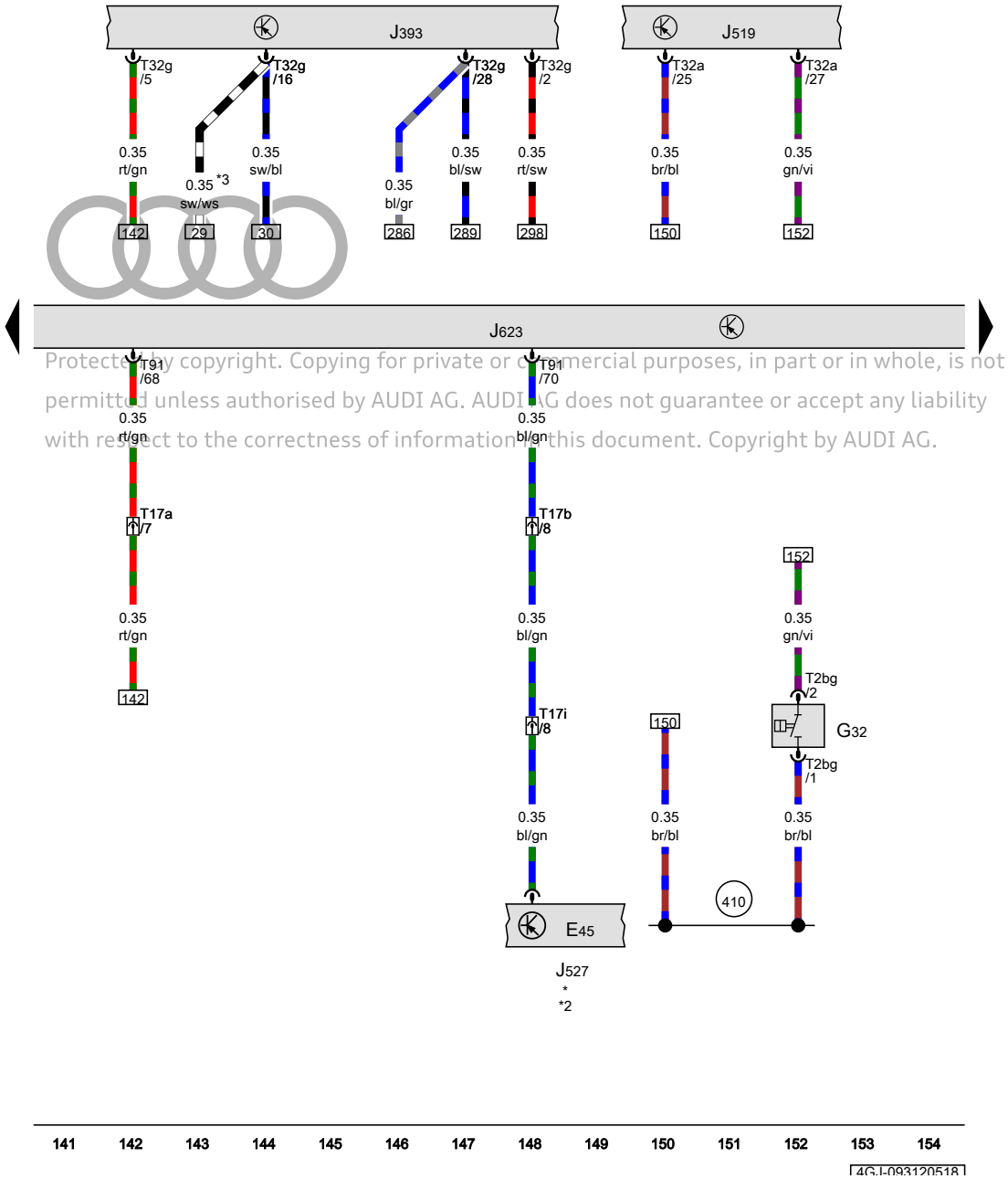
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 4 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T105	105-pin connector, black
8	Earth strap, cylinder head cover - ignition coil
131	Earth connection 2, in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness



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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

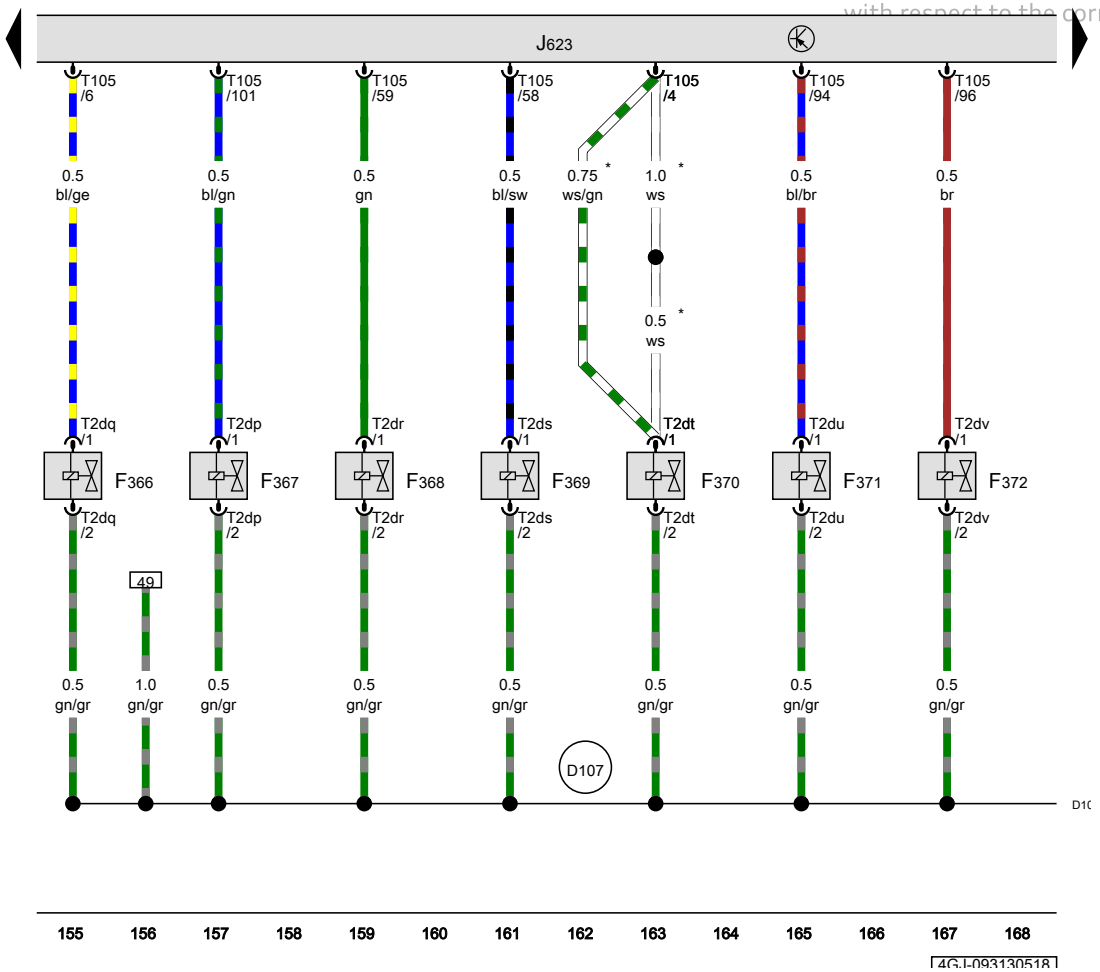
E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector, black
T32g	32-pin connector, grey
T91	91-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	see applicable current flow diagram
*3	For right-hand drive models

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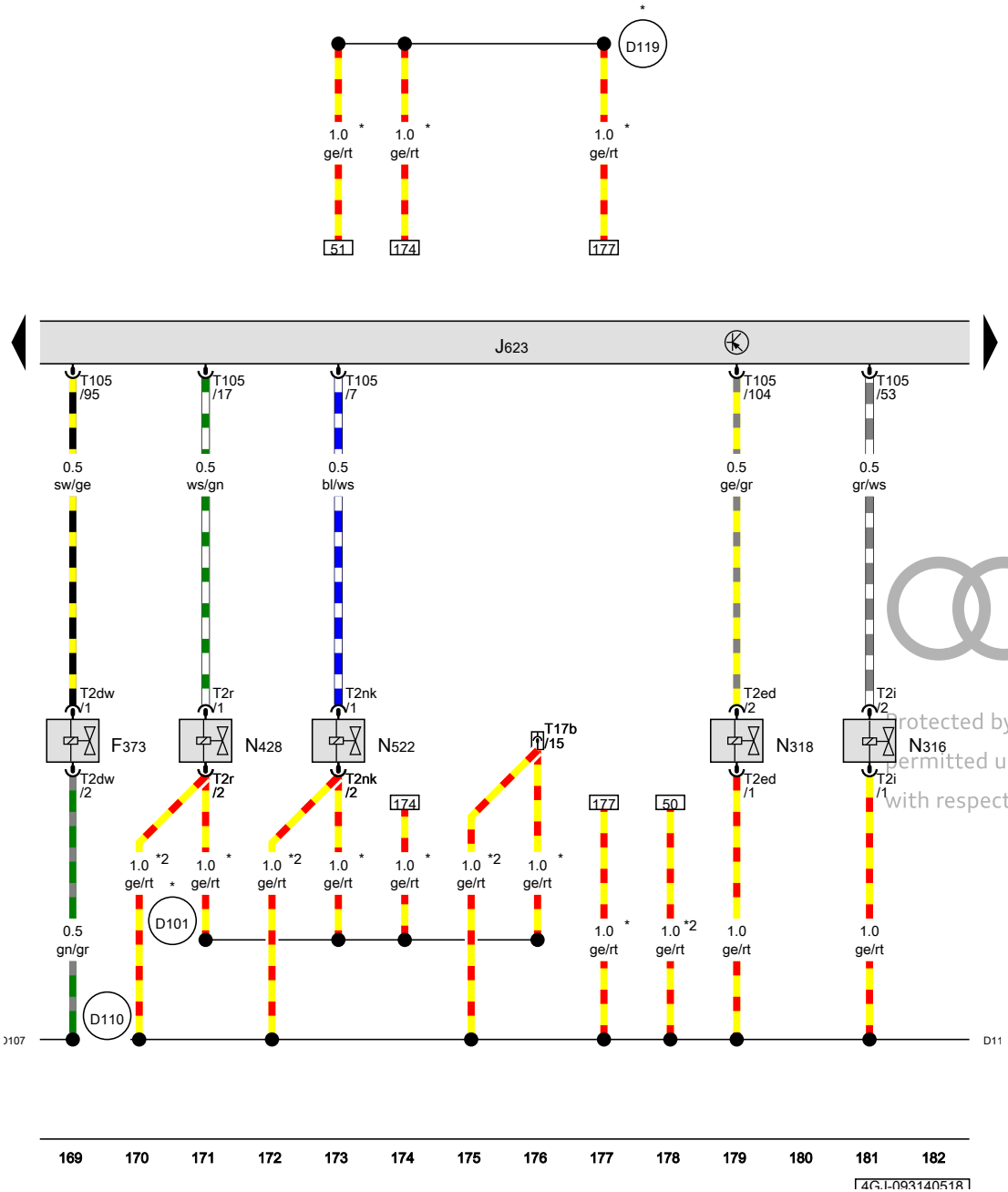
Cam adjustment actuator 2, Cam adjustment actuator 7, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
J623	Engine/motor control unit
T2dp	2-pin connector
T2dq	2-pin connector
T2dr	2-pin connector
T2ds	2-pin connector
T2dt	2-pin connector
T2du	2-pin connector
T2dv	2-pin connector
T105	105-pin connector, black
D107	Connection 5 in engine compartment wiring harness
*	According to equipment

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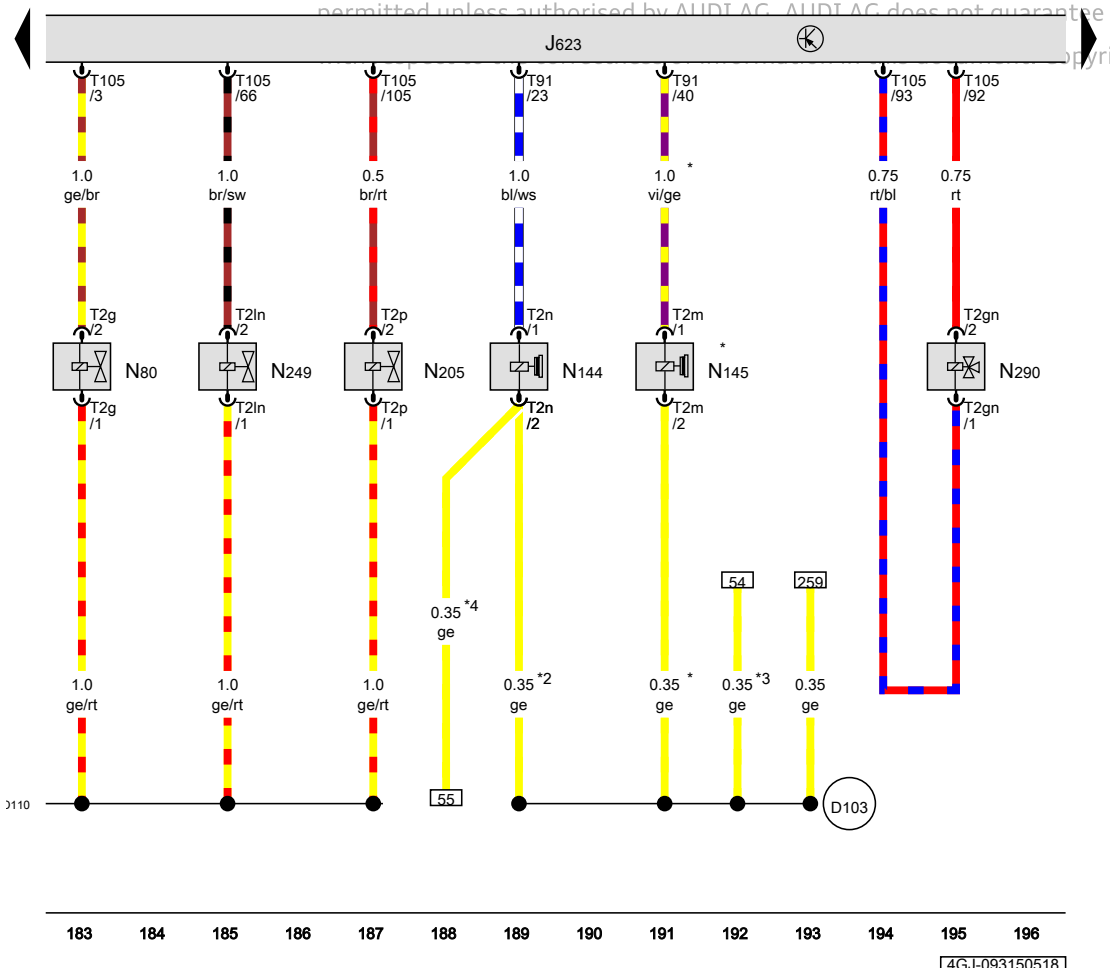
Engine/motor control unit, Intake manifold flap valve, Valve for oil pressure control

F373	Cam adjustment actuator 8
J623	Engine/motor control unit
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
N522	Piston cooling jet control valve
T2dw	2-pin connector
T2ed	2-pin connector
T2i	2-pin connector
T2nk	2-pin connector
T2r	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T105	105-pin connector, black
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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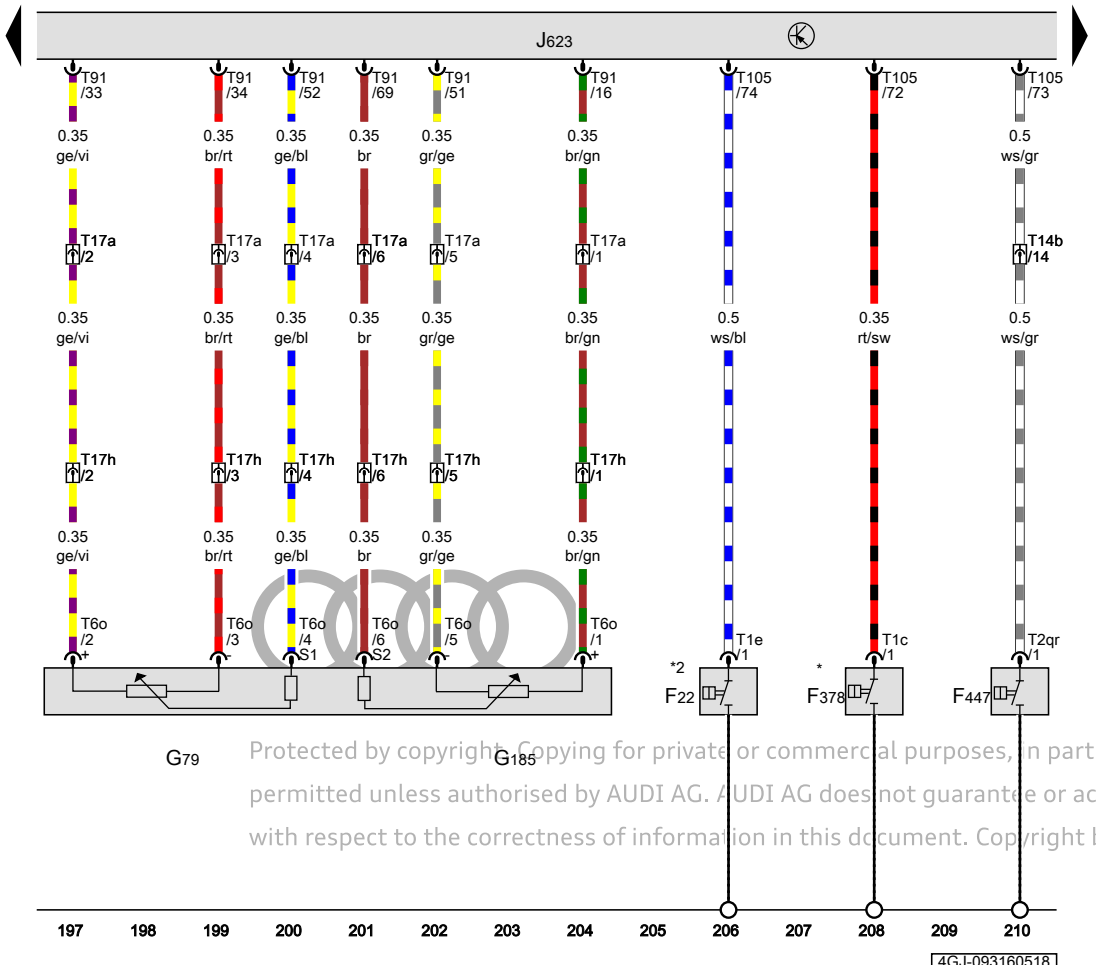
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Fuel metering valve

J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N290	Fuel metering valve
T2g	2-pin connector
T2gn	2-pin connector
T2ln	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T2p	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D103	Connection 3 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	According to equipment
*2	For models with automatic gearbox
*3	For models with no manual gearbox
*4	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Oil pressure switch for reduced oil pressure, Stage 3 oil pressure switch, Accelerator position sender, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T1c	1-pin connector
T1e	1-pin connector
T2lo	2-pin connector
T2qr	2-pin connector, black
T6o	6-pin connector
T14b	14-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black
*	0.9 bar
*2	2.6 bar

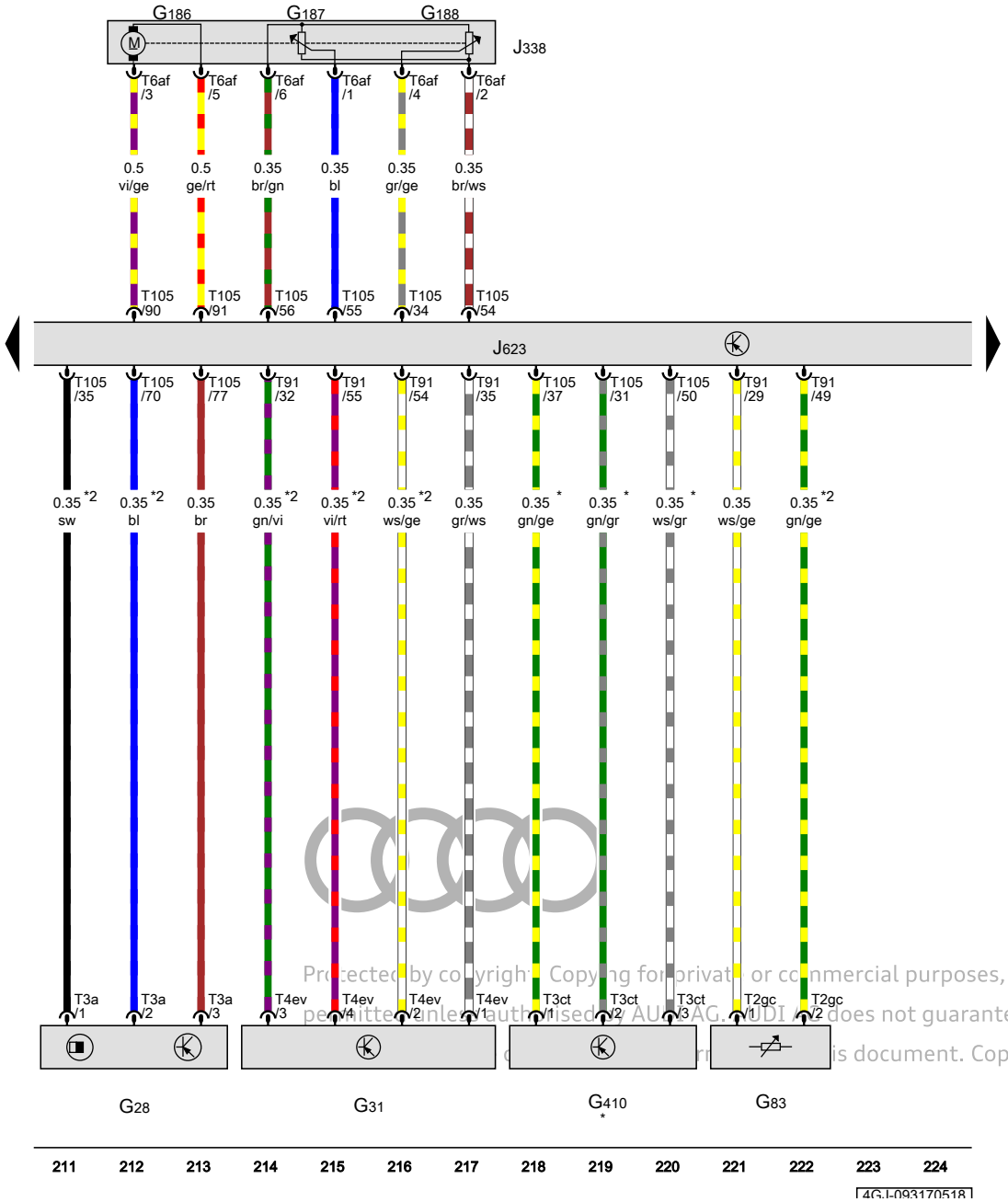


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Engine speed sender, Throttle valve module, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G410	Fuel pressure sender for low pressure
J338	Throttle valve module
J623	Engine/motor control unit
T2gc	2-pin connector
T3a	3-pin connector, brown
T3ct	3-pin connector, blue
T4ev	4-pin connector, black
T6af	6-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
*	Not for American markets
*2	Wiring colour depends on equipment

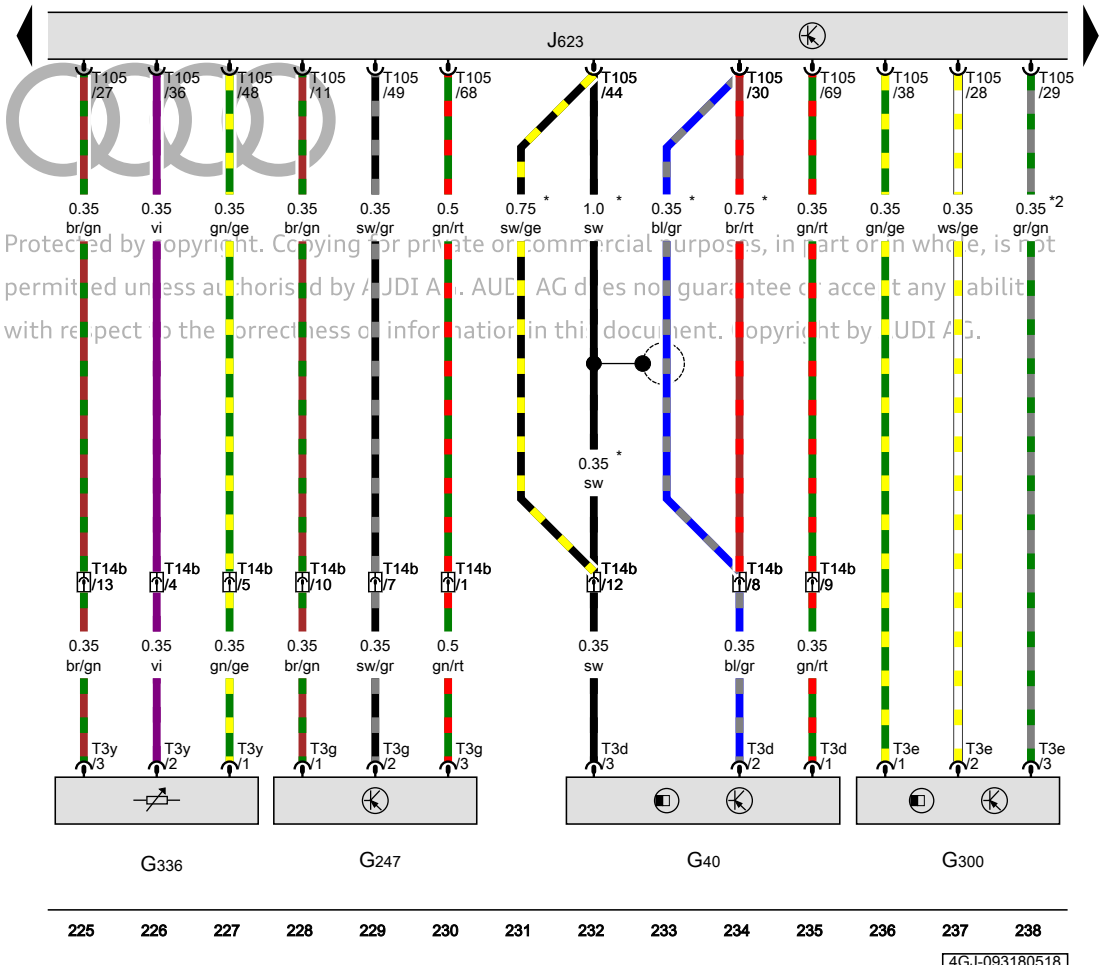


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Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

G40	Hall sender
G247	Fuel pressure sender
G300	Hall sender 3
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit
T3d	3-pin connector, black
T3e	3-pin connector, black
T3g	3-pin connector, black
T3y	3-pin connector, black
T14b	14-pin connector, black
T105	105-pin connector, black
*	According to equipment
*2	Wiring colour depends on equipment

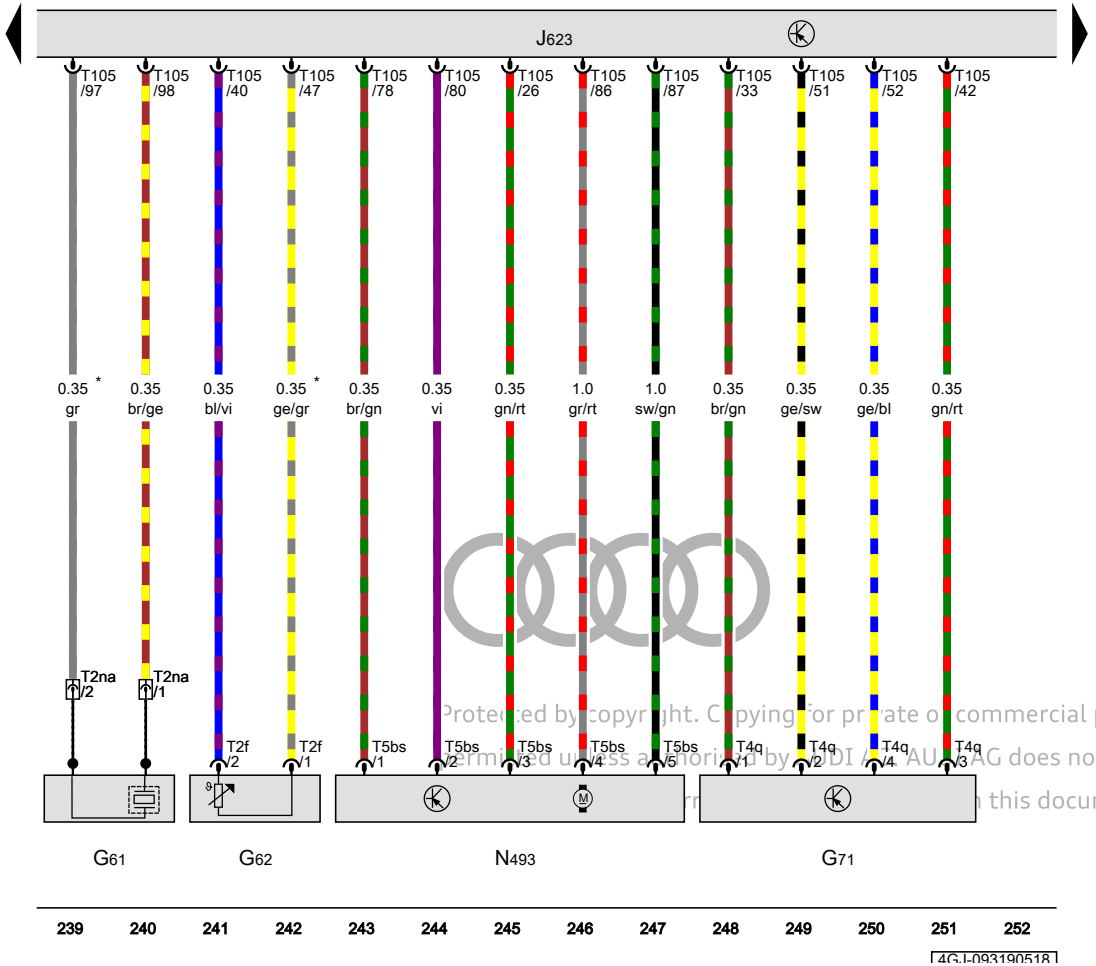


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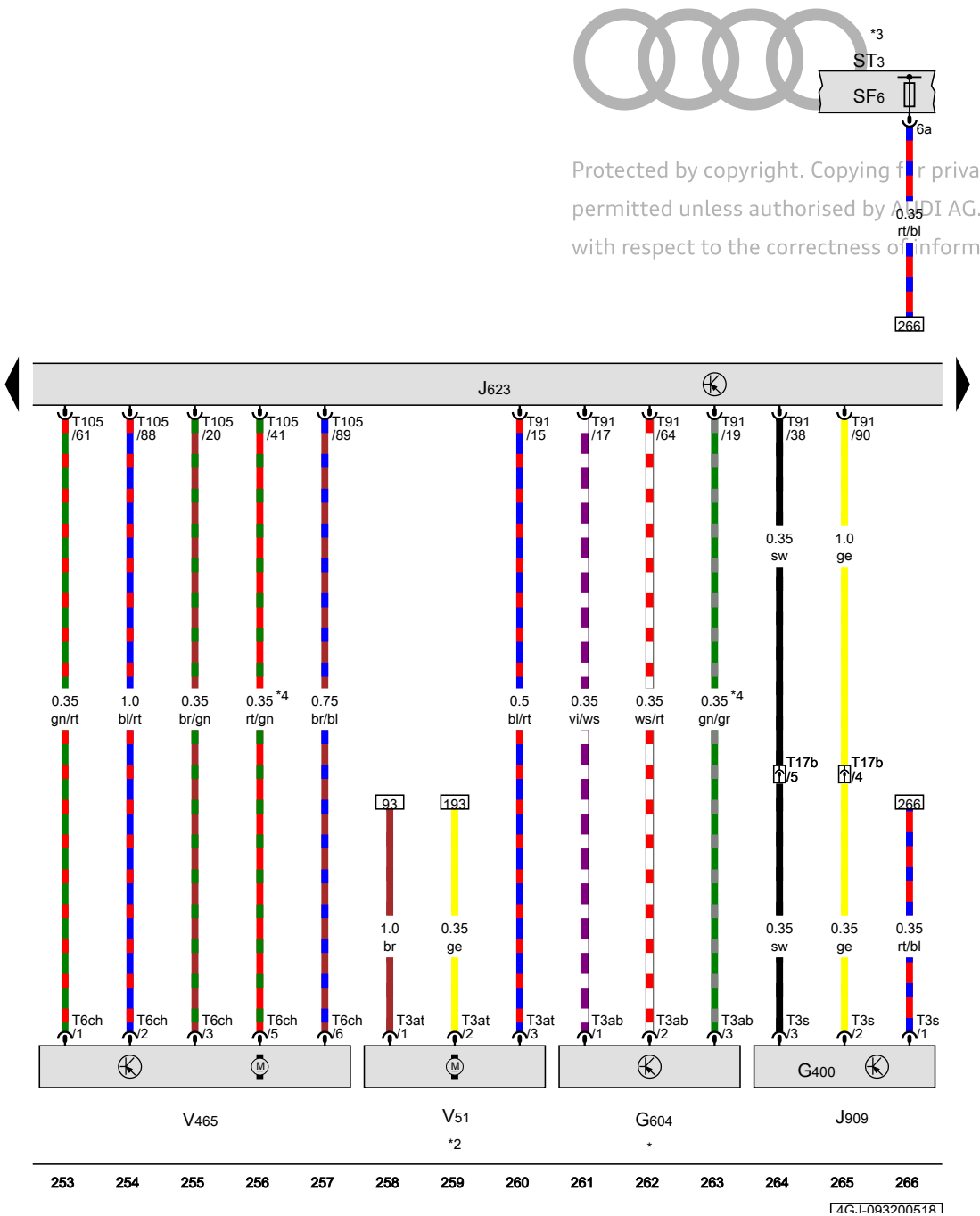
Knock sensor 1, Coolant temperature sender, Engine/motor control unit

G61	Knock sensor 1
G62	Coolant temperature sender
G71	Intake manifold pressure sender
J623	Engine/motor control unit
N493	Actuator for engine temperature regulation
T2f	2-pin connector
T2na	2-pin connector, near knock sensor, black
T4q	4-pin connector, black
T5bs	5-pin connector, black
T105	105-pin connector, black
*	Wiring colour depends on equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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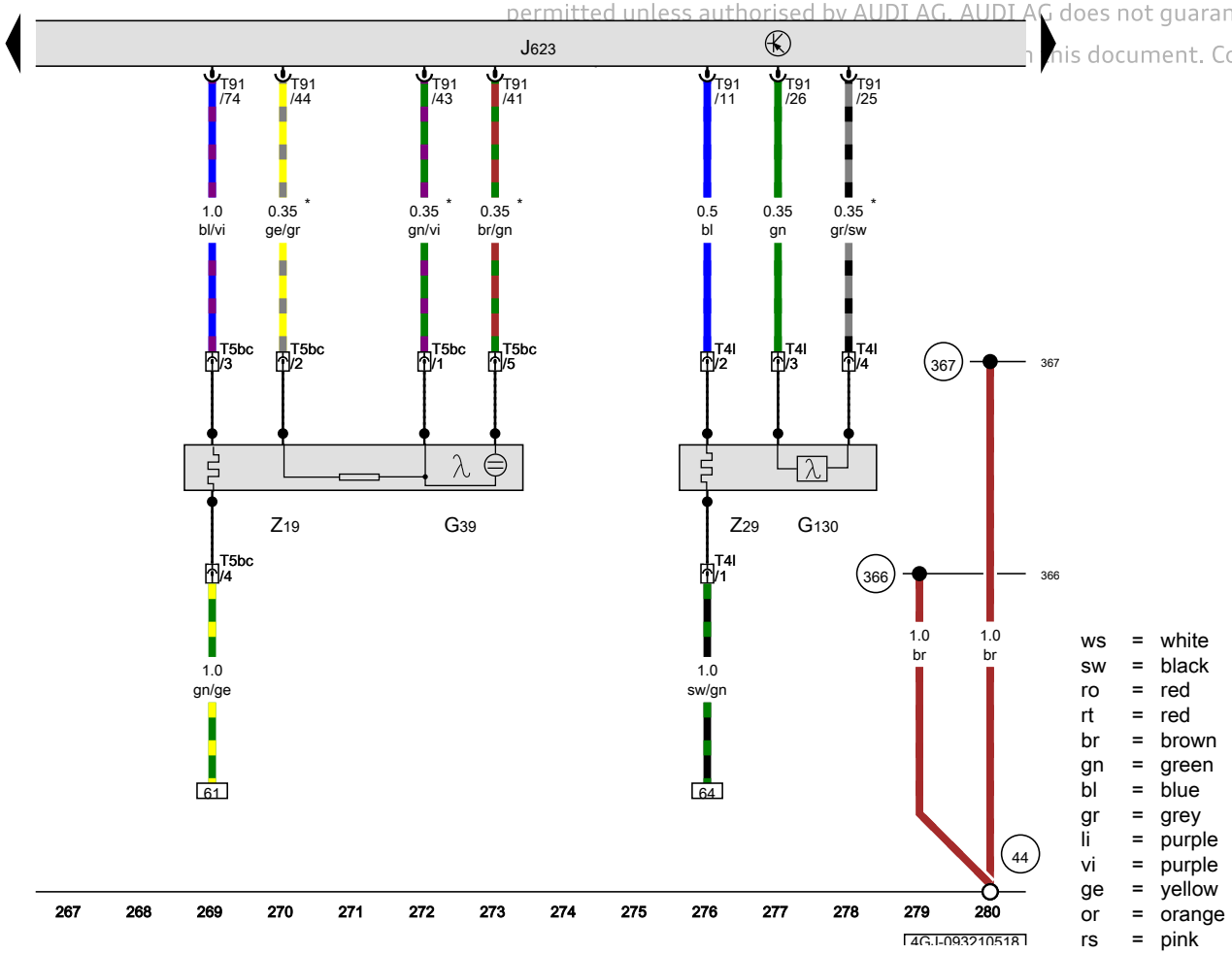
Gear detection sensor, Engine/motor control unit, Control unit for fuel tank leak detection

G400	Tank pressure sensor
G604	Gear detection sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
ST3	Fuse carrier 3
SF6	Fuse 6 in fuse holder F
T3ab	3-pin connector, black
T3at	3-pin connector, black
T3s	3-pin connector
T6ch	6-pin connector, grey
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
V465	Charge pressure positioner
*	For models with manual gearbox
*2	For models with no manual gearbox
*3	see applicable current flow diagram for fuse assignment
*4	Wiring colour depends on equipment

Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, black
T5bc	5-pin connector, black
T91	91-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
*	Wiring colour depends on equipment

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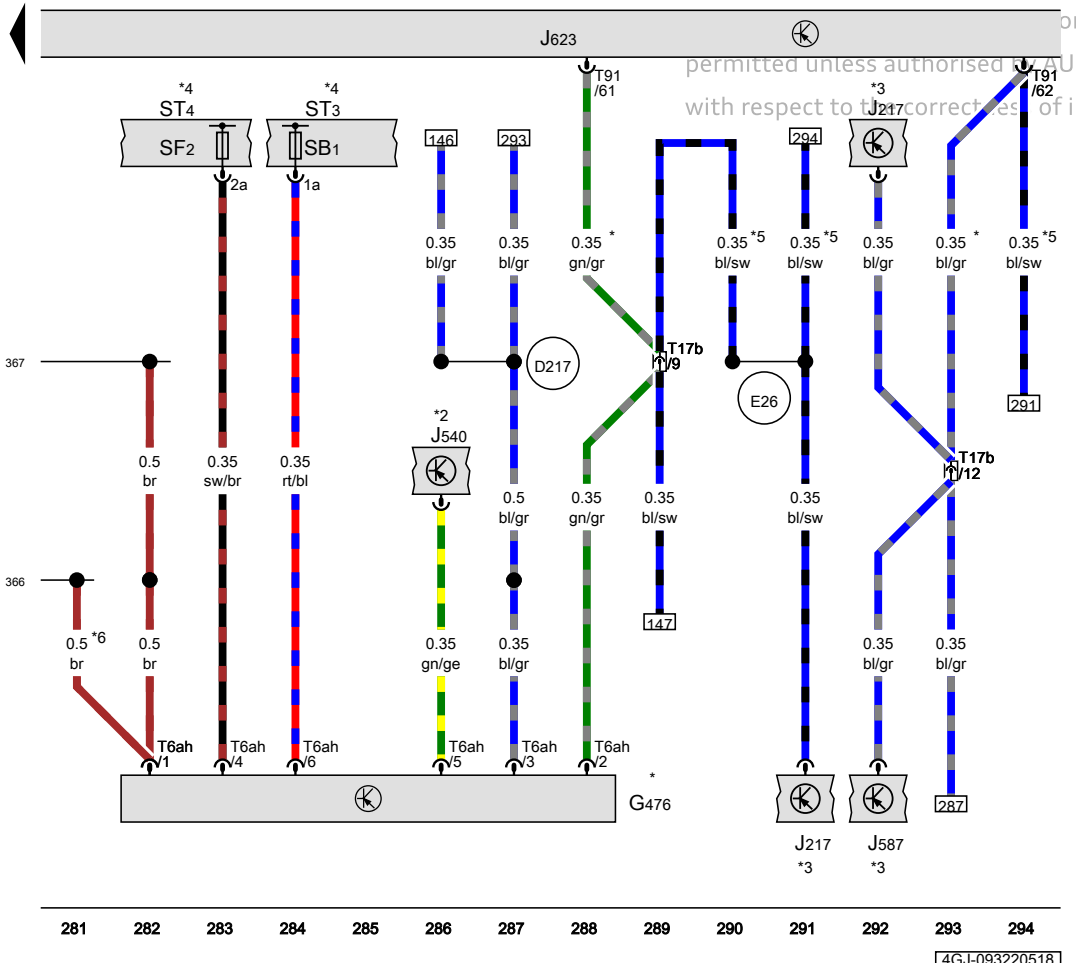


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gn = green
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vi = purple
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or = orange
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Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J587	Selector lever sensors control unit
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
T6ah	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram
*3	see applicable current flow diagram for automatic gearbox
*4	see applicable current flow diagram for fuse assignment
*5	For models with no manual gearbox
*6	gradual introduction

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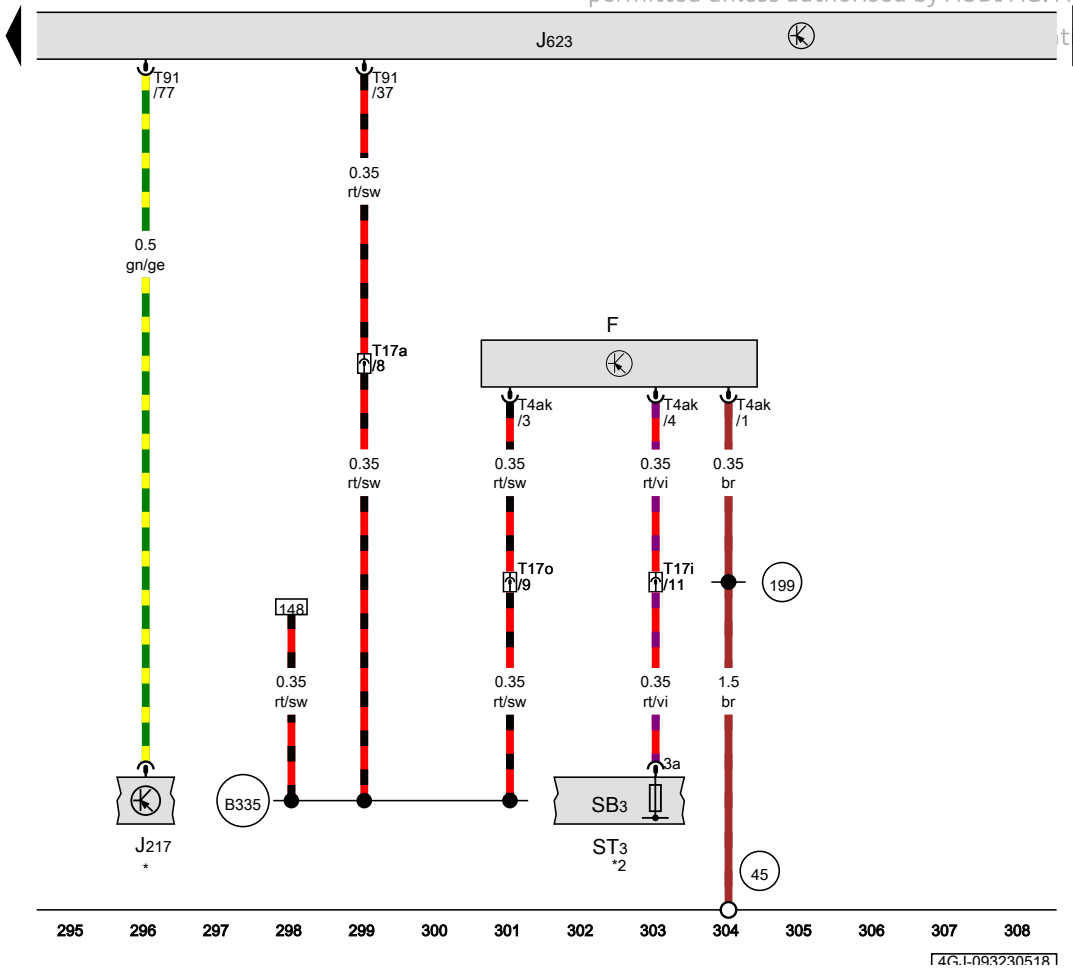


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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Brake light switch, Engine/motor control unit

F	Brake light switch
J217	Automatic gearbox control unit
J623	Engine/motor control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for fuse assignment

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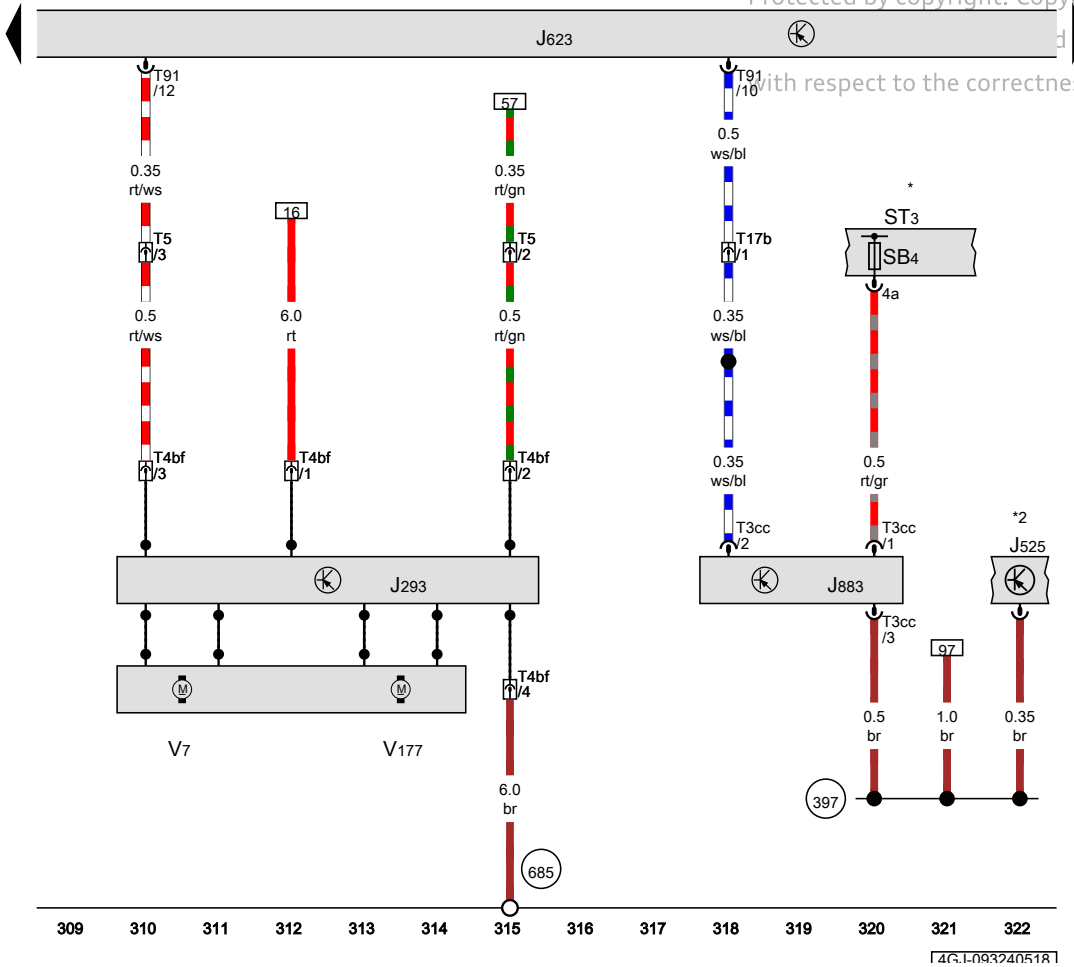


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rs	=	pink

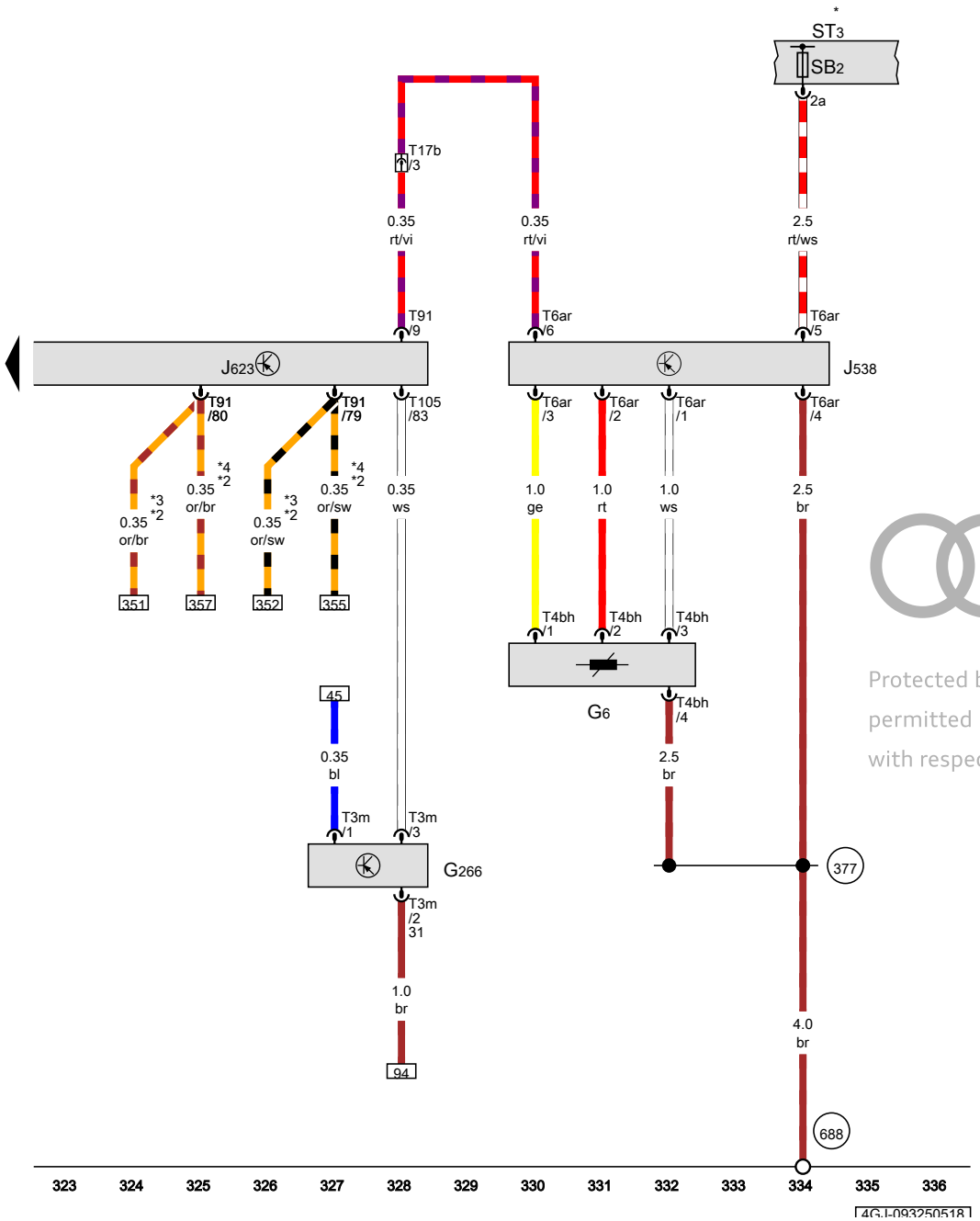
Radiator fan control unit, Engine/motor control unit, Exhaust flap control unit, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J525	Digital sound package control unit
J623	Engine/motor control unit
J883	Exhaust flap control unit
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T3cc	3-pin connector
T4bf	4-pin connector
T5	5-pin connector, central in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
397	Earth connection 32, in main wiring harness
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for sound system

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or	=	orange
rs	=	pink

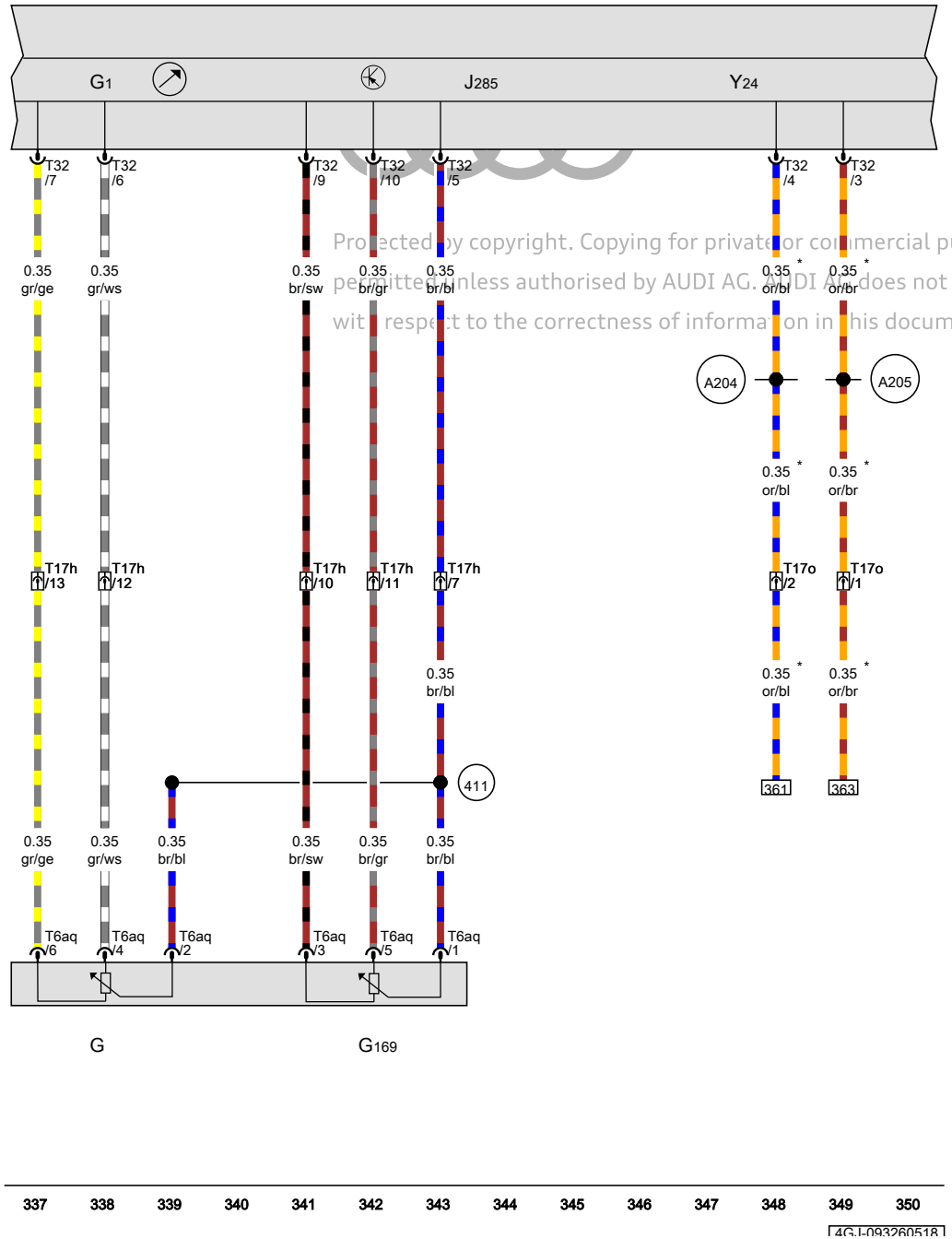


Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T91	91-pin connector, black
T105	105-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	For models with no manual gearbox
*4	For models with manual gearbox

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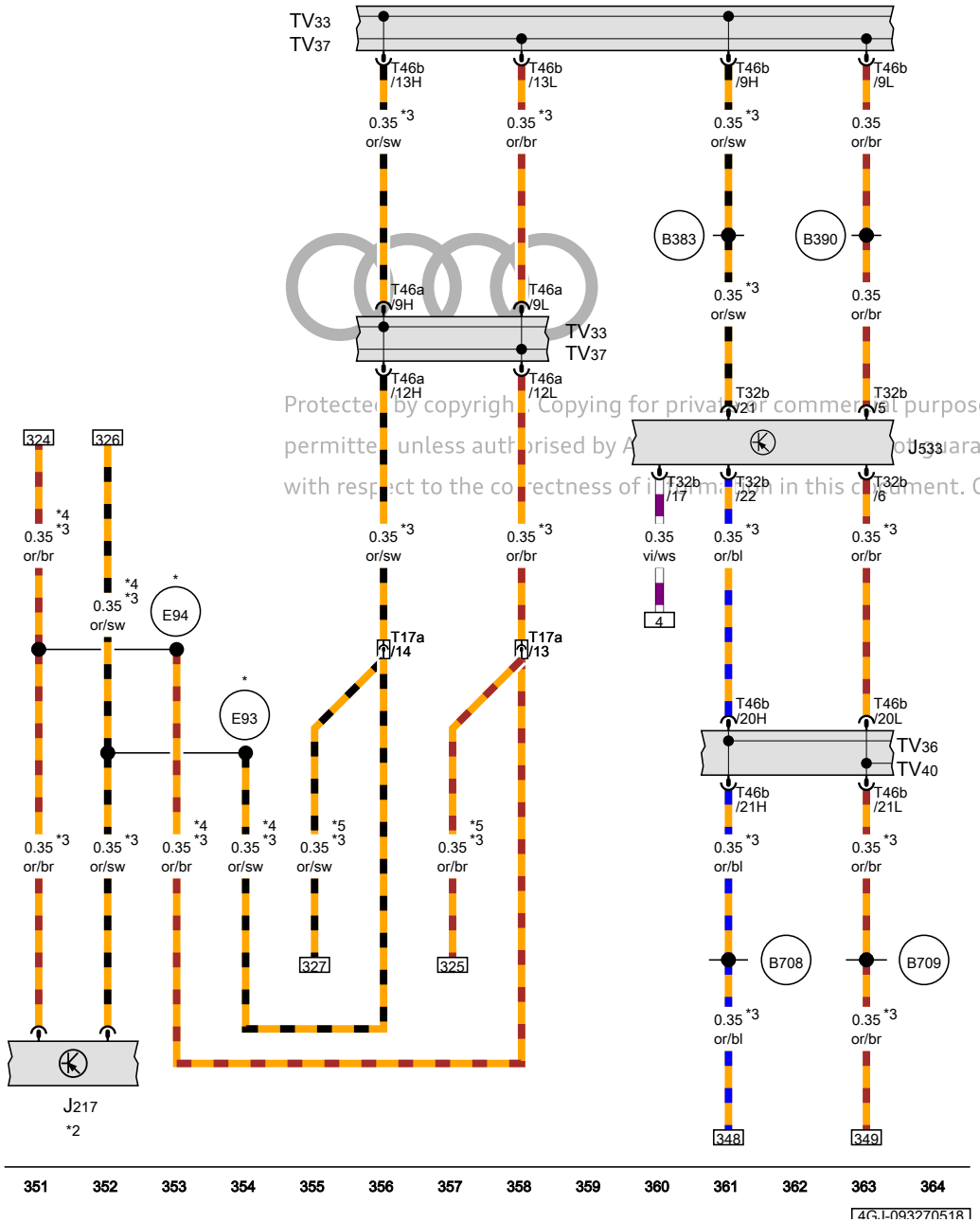


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber
T32b 32-pin connector
T46a 46-pin connector
T46b 46-pin connector
TV33 Wiring junction for powertrain CAN bus, high
TV36 Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV37 Wiring junction for powertrain CAN bus, low
TV40 Wiring junction for dash panel insert CAN bus, low

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B708 Connection 1 (dash panel insert CAN bus high) in main wiring harness

B709 Connection 1 (dash panel insert CAN bus low) in main wiring harness

E93 Connection 1 (CAN bus high), in engine wiring harness

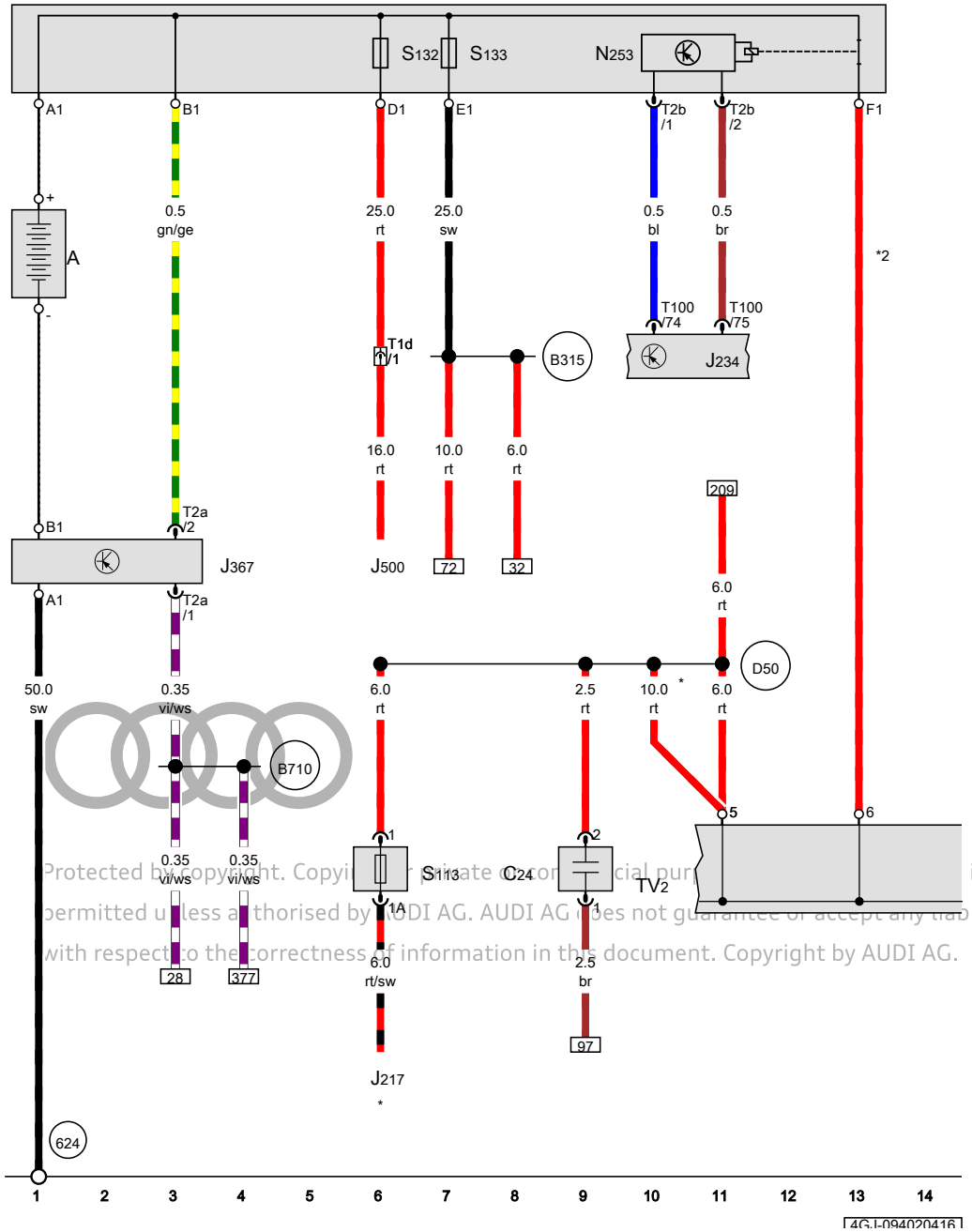
E94 Connection 1 (CAN bus low), in engine wiring harness

* For models with automatic gearbox
*2 see applicable current flow diagram for automatic gearbox
*3 Data bus wire (CAN bus)
*4 For models with no manual gearbox
*5 For models with manual gearbox

2.8l petrol engine , CVPA

From September 2014

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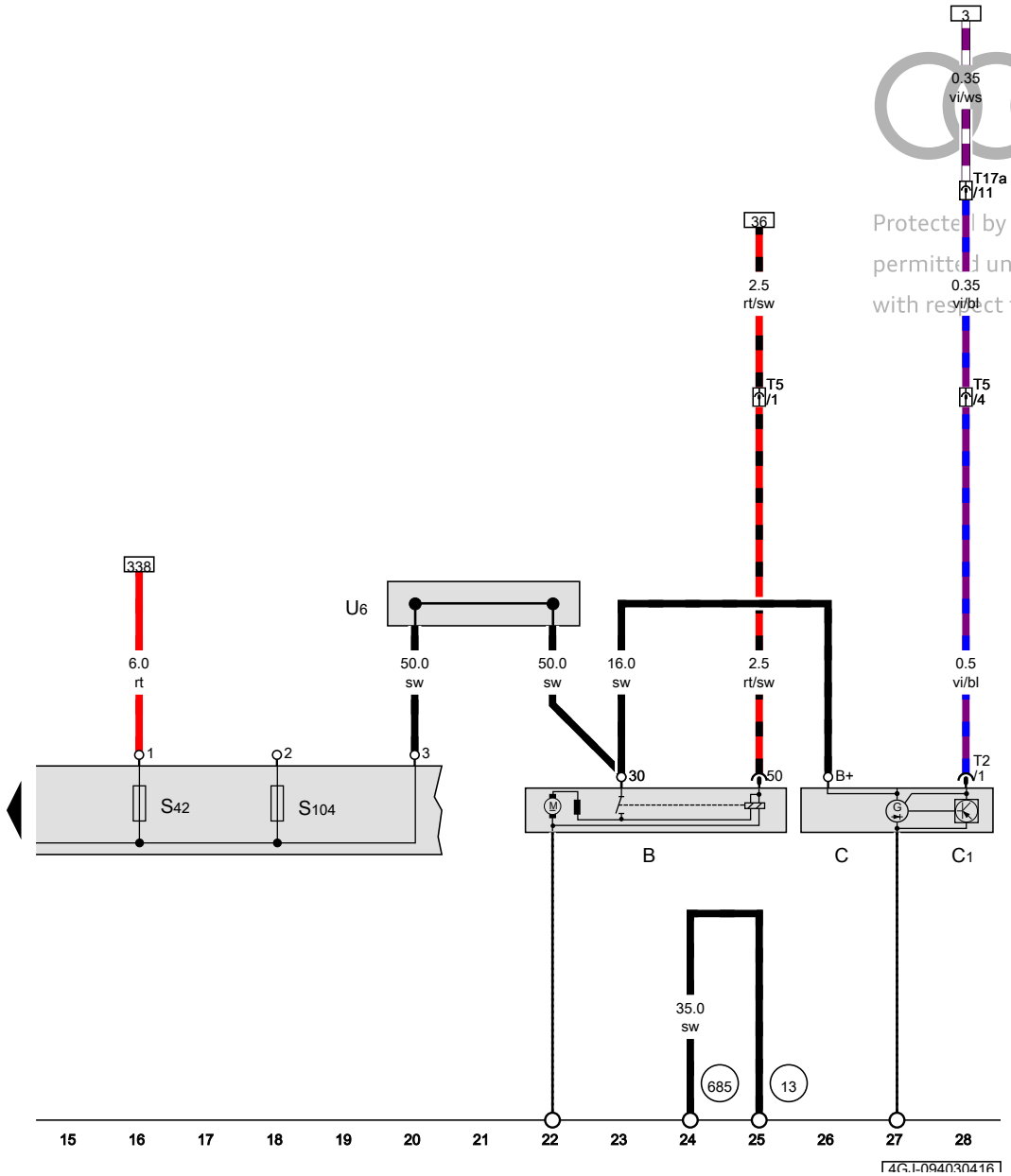


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Battery, Suppression filter, Airbag control unit, Battery monitor control unit, Battery isolation igniter, Automatic gearbox control unit fuse

A	Battery
C24	Suppression filter
J217	Automatic gearbox control unit
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	Single connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction
T100	100-pin connector, yellow
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	Flat conductor

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Starter, Alternator, Jump start socket

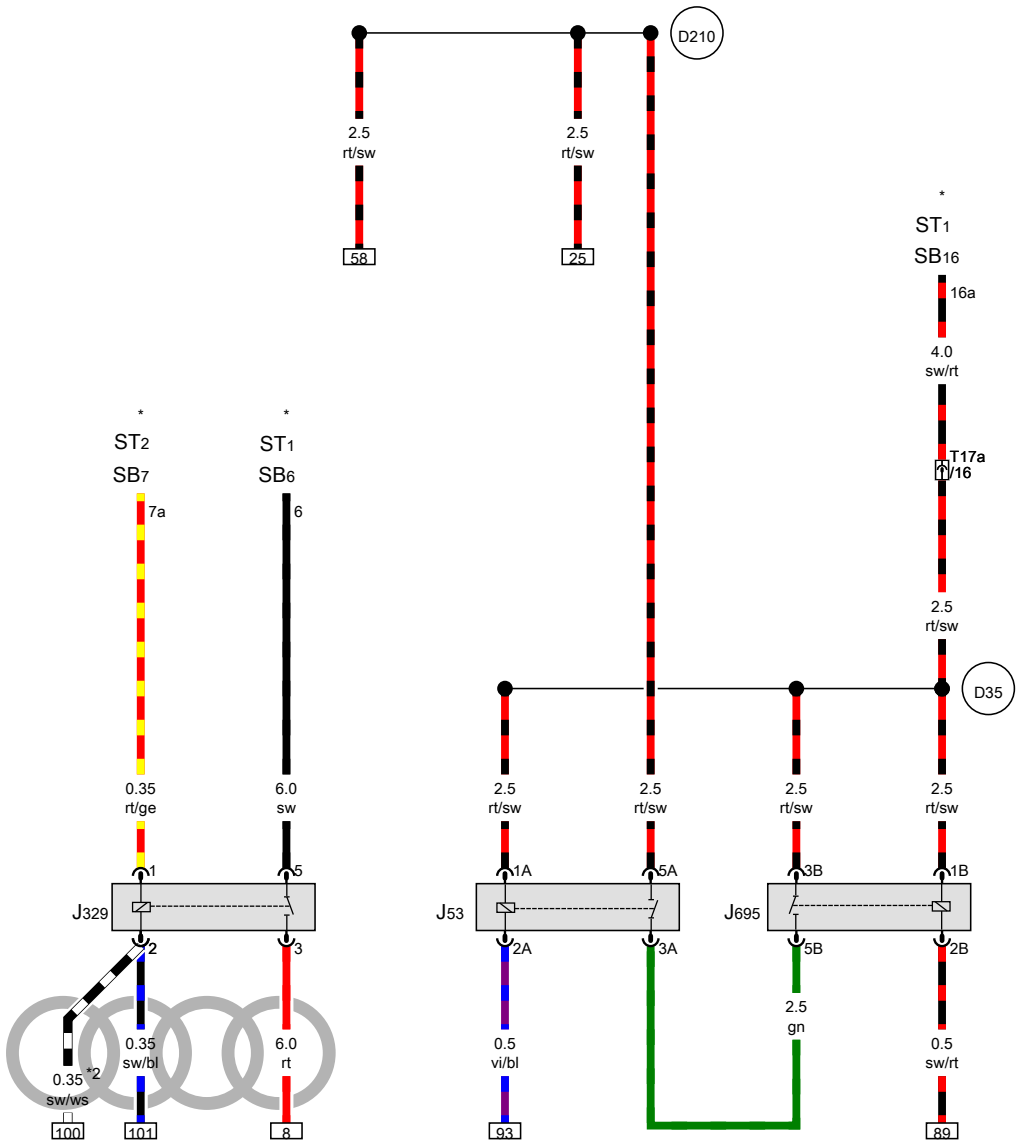
B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector, black
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1 at front of right longitudinal member

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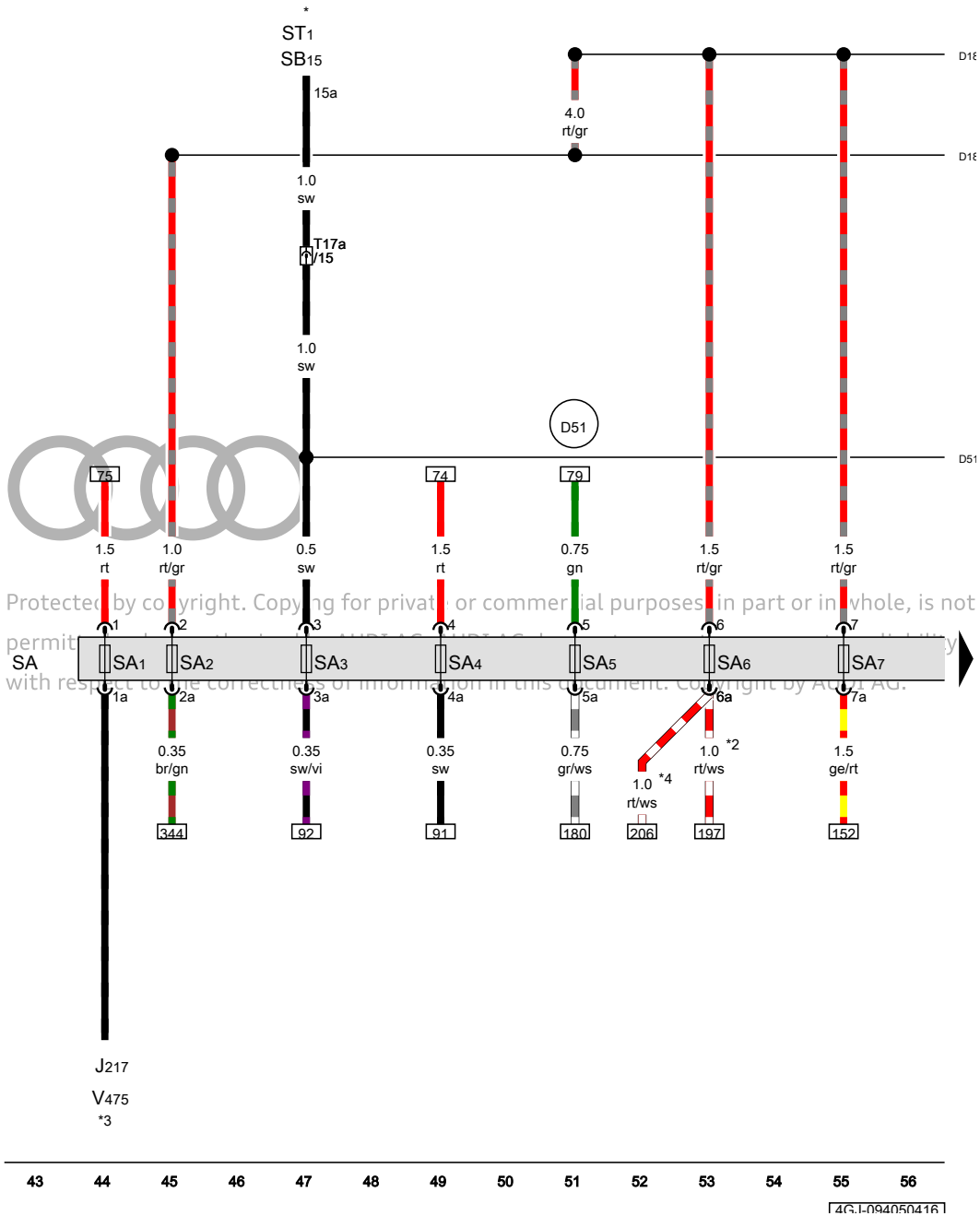
Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

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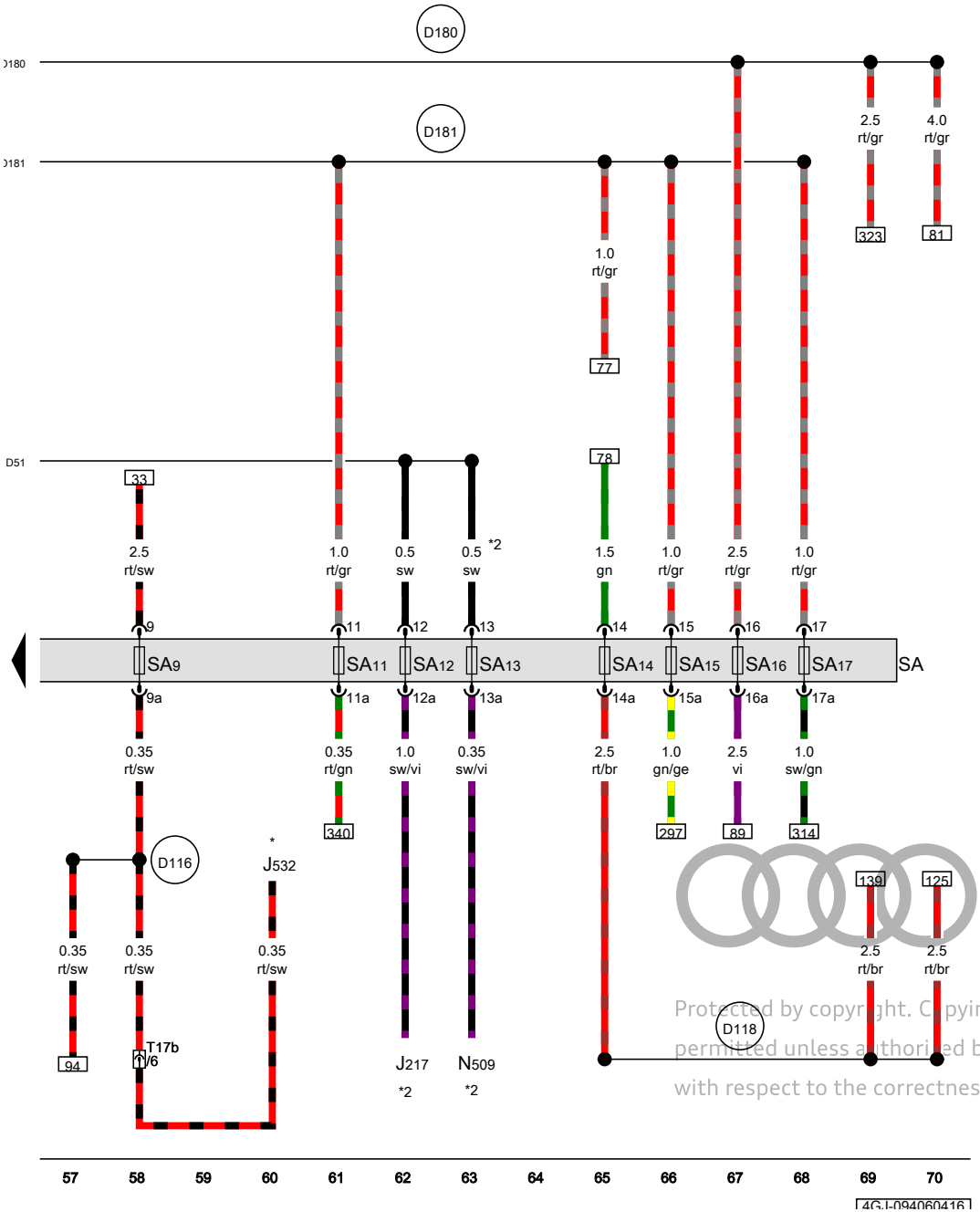


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Fuse holder A

J217	Automatic gearbox control unit
SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
SA4	Fuse 4 in fuse holder A
SA5	Fuse 5 in fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	see applicable current flow diagram for dual clutch gearbox
*4	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 in fuse holder A
SA11	Fuse 11 in fuse holder A
SA12	Fuse 12 in fuse holder A
SA13	Fuse 13 in fuse holder A
SA14	Fuse 14 in fuse holder A
SA15	Fuse 15 in fuse holder A
SA16	Fuse 16 in fuse holder A
SA17	Fuse 17 in fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Main relay, Engine component current supply relay

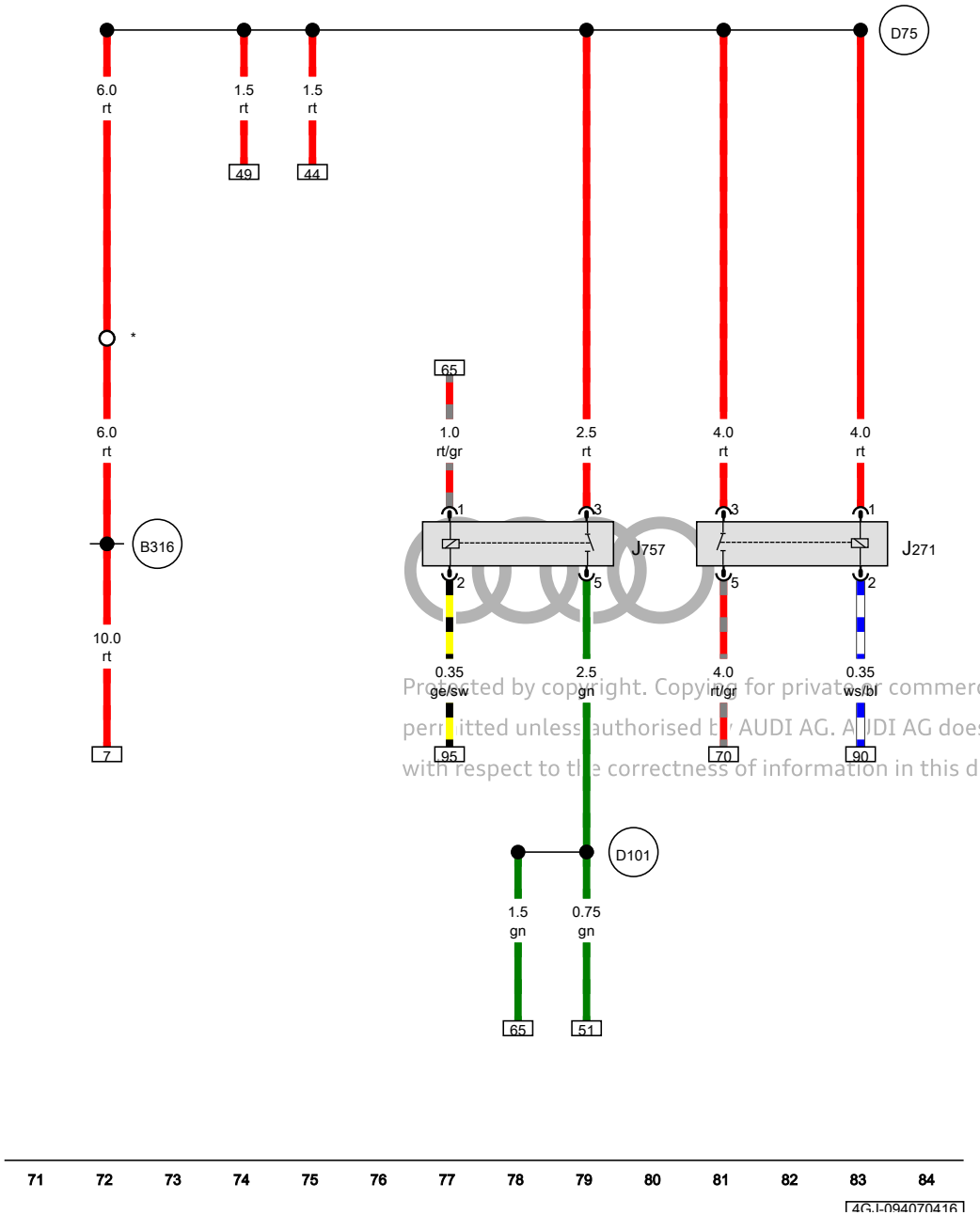
J271 Main relay, in E-box in plenum chamber
J757 Engine component current supply relay, in E-box in plenum chamber

B316 Positive connection 2 (30a) in main wiring harness

D75 Positive connection 2 (30), in engine compartment wiring harness

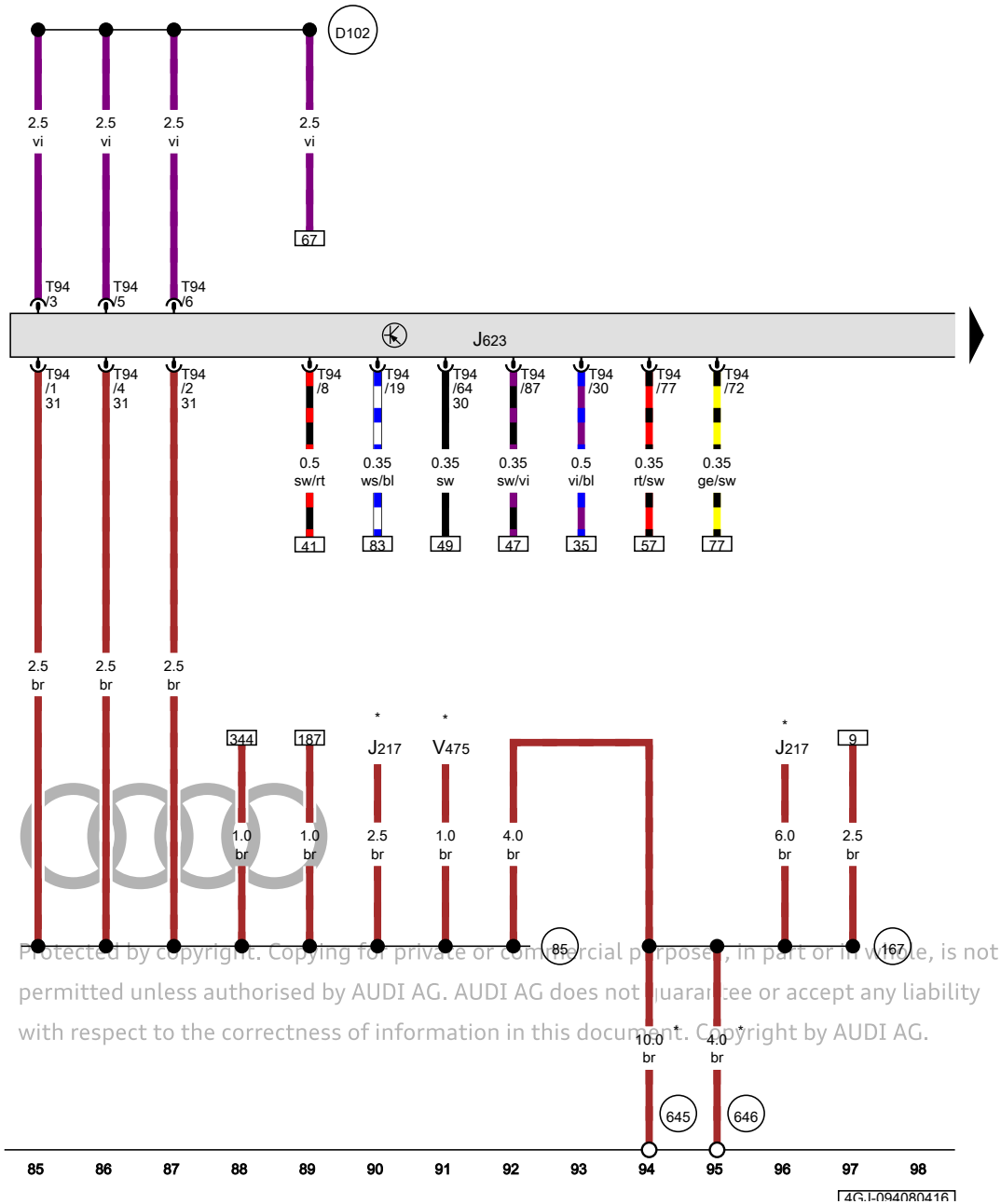
D101 Connection 1 in engine compartment wiring harness

* Threaded connection, in E-box in plenum chamber



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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

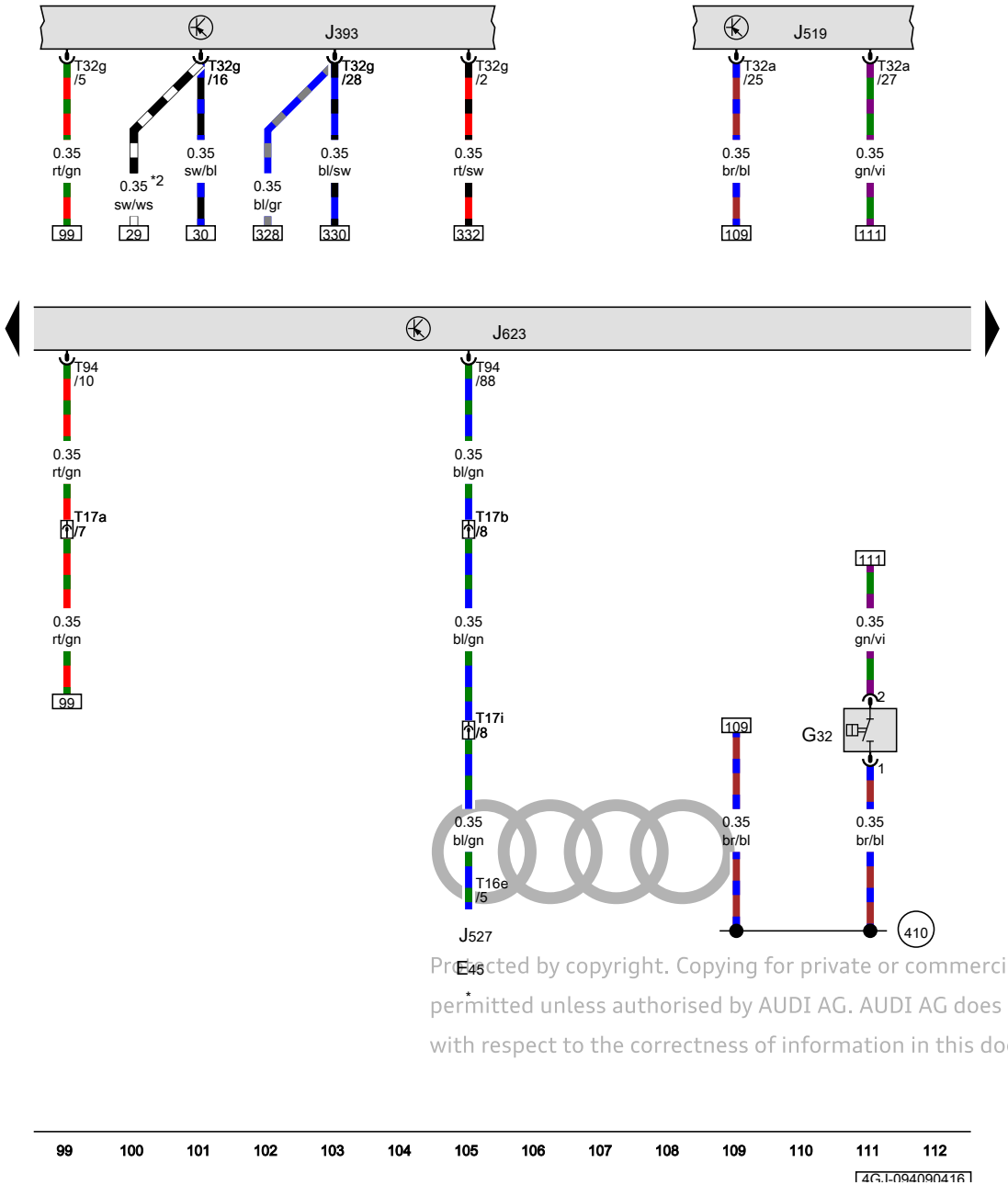


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Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T94	94-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
646	Earth point 2, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for dual clutch gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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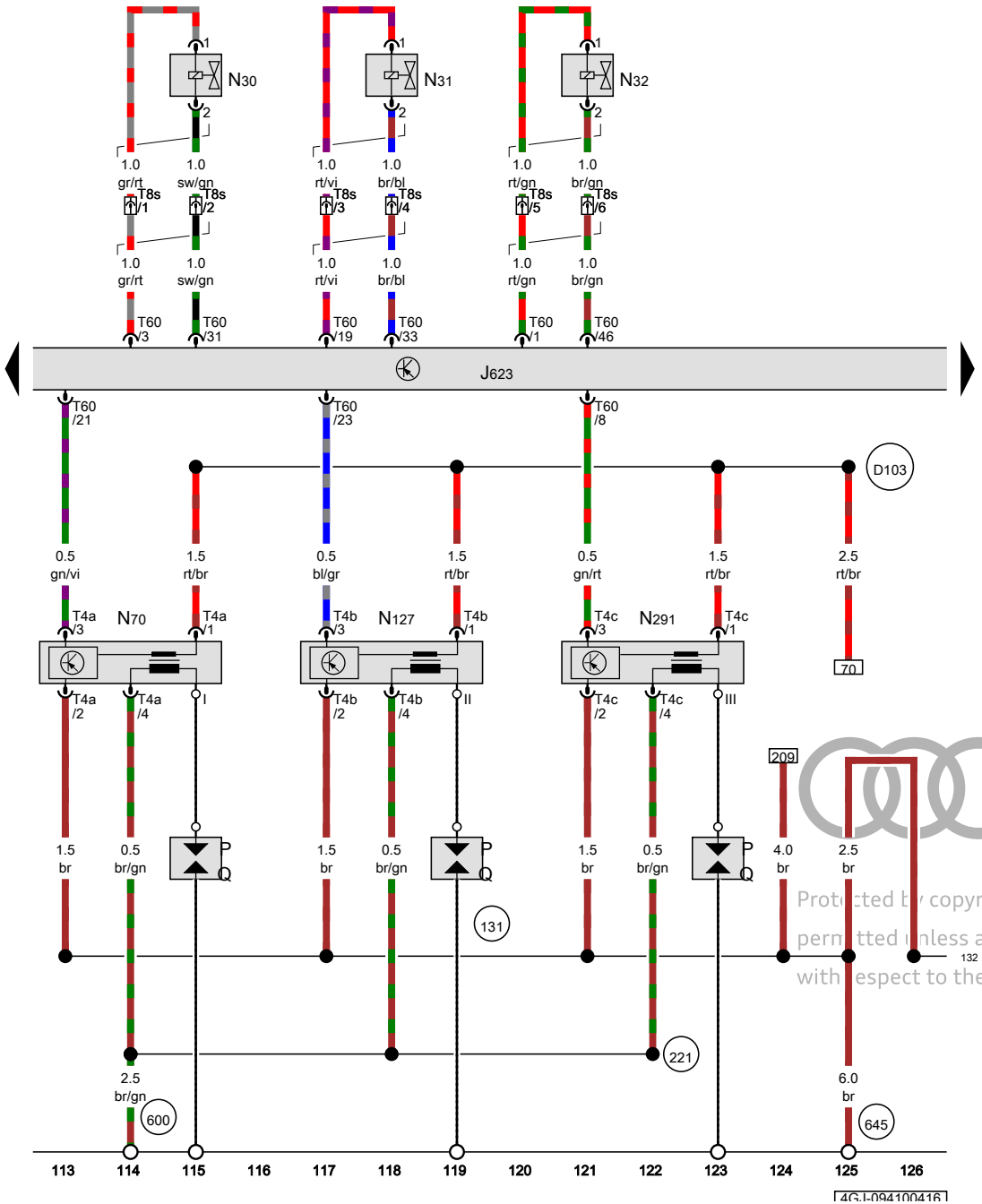


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Coolant shortage indicator sender, Convenience system central control unit, Onboard supply control unit, Engine control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
T16e	16-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32a	32-pin connector, black
T32g	32-pin connector, grey
T94	94-pin connector, black
410	Earth connection 1 (sender earth) in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

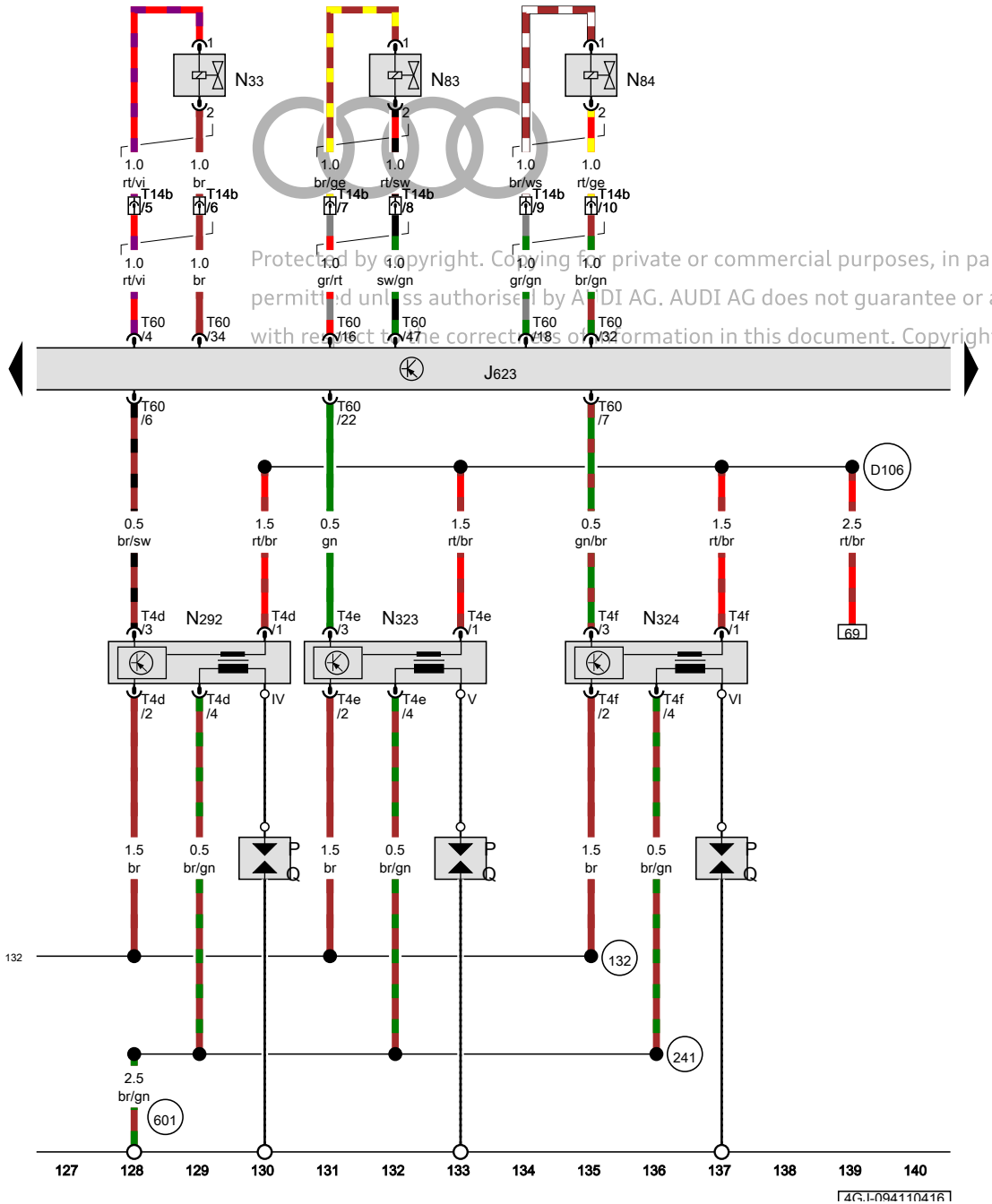


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T8s	8-pin connector, on right in engine compartment, black
T60	60-pin connector, black
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
221	Earth connection (engine earth), in engine wiring harness
600	Earth point, on right cylinder head
645	Earth point 1, on bulkhead
D103	Connection 3 in engine compartment wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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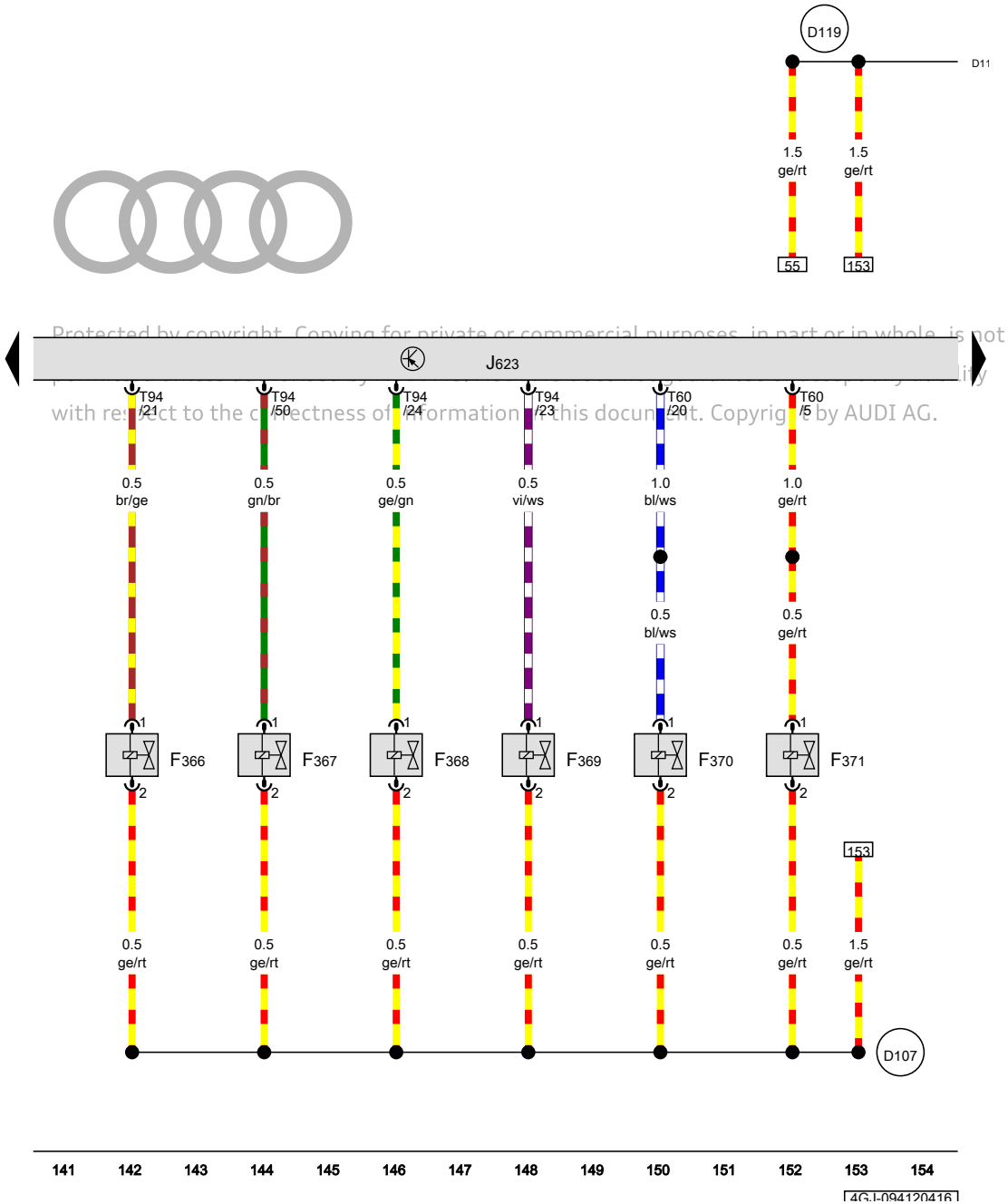


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Engine control unit, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 6, Ignition coil 4 with output stage, Ignition coil 5 with output stage, Ignition coil 6 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
P	Spark plug connector
Q	Spark plugs
T4d	4-pin connector, black
T4e	4-pin connector, black
T4f	4-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T60	60-pin connector, black
132	Earth connection 3, in engine compartment wiring harness
241	Earth connection 2, engine earth in engine wiring harness
601	Earth point, on left cylinder head
D106	Connection 4 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

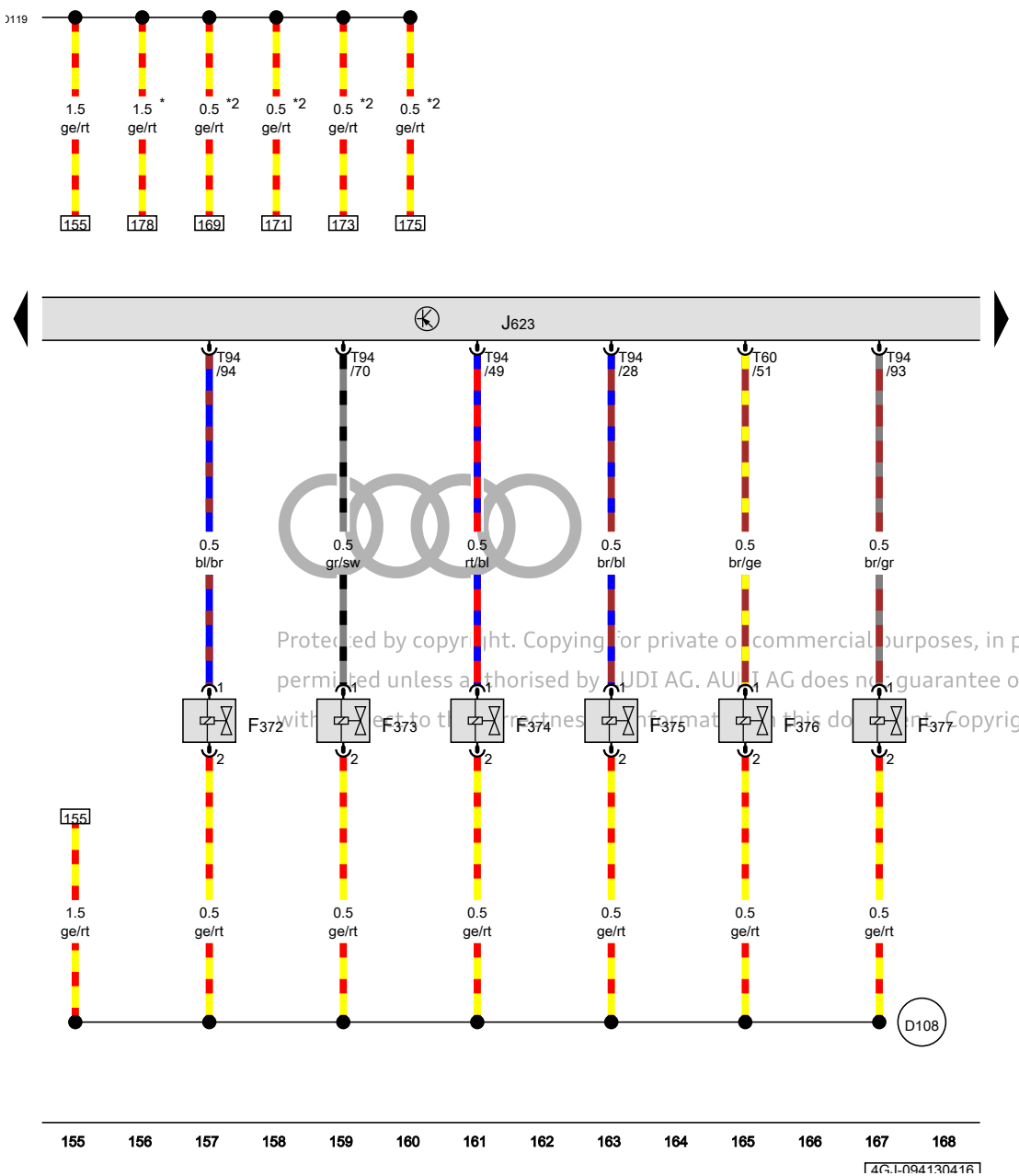


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Actuator 1 for camshaft adjustment, Actuator 2 for camshaft adjustment, Actuator 3 for camshaft adjustment, Actuator 4 for camshaft adjustment, Actuator 5 for camshaft adjustment, Actuator 6 for camshaft adjustment, Engine control unit

F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
J623	Engine control unit
T60	60-pin connector, black
T94	94-pin connector, black
D107	Connection 5 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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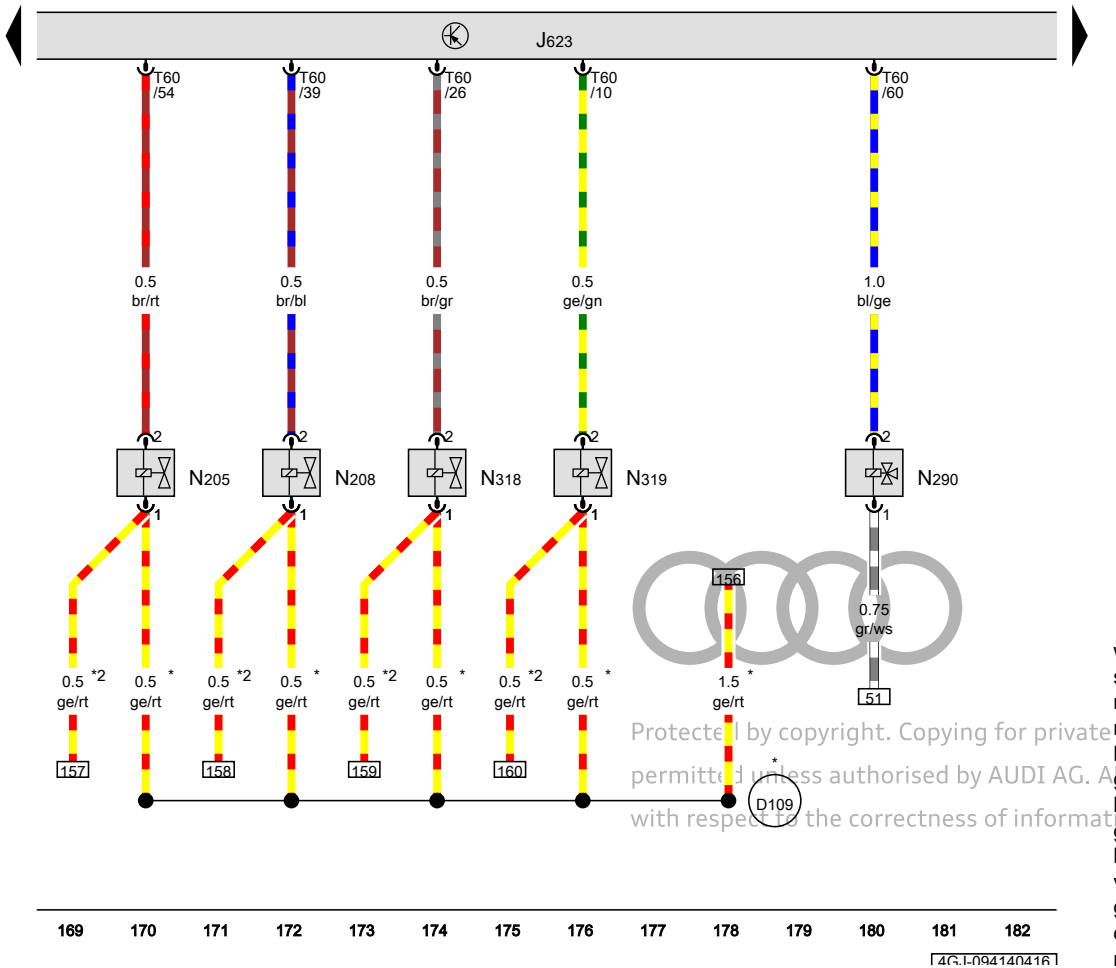
Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Actuator 9 for camshaft adjustment, Actuator 10 for camshaft adjustment, Actuator 11 for camshaft adjustment, Actuator 12 for camshaft adjustment, Engine control unit

F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
F374	Actuator 9 for camshaft adjustment
F375	Actuator 10 for camshaft adjustment
F376	Actuator 11 for camshaft adjustment
F377	Actuator 12 for camshaft adjustment
J623	Engine control unit
T60	60-pin connector, black
T94	94-pin connector, black
D108	Connection 6 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine control unit, Camshaft control valve 1, Camshaft control valve 2, Fuel metering valve, Exhaust camshaft control valve 1, Exhaust camshaft control valve 2

J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T60	60-pin connector, black
D109	Connection 7 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

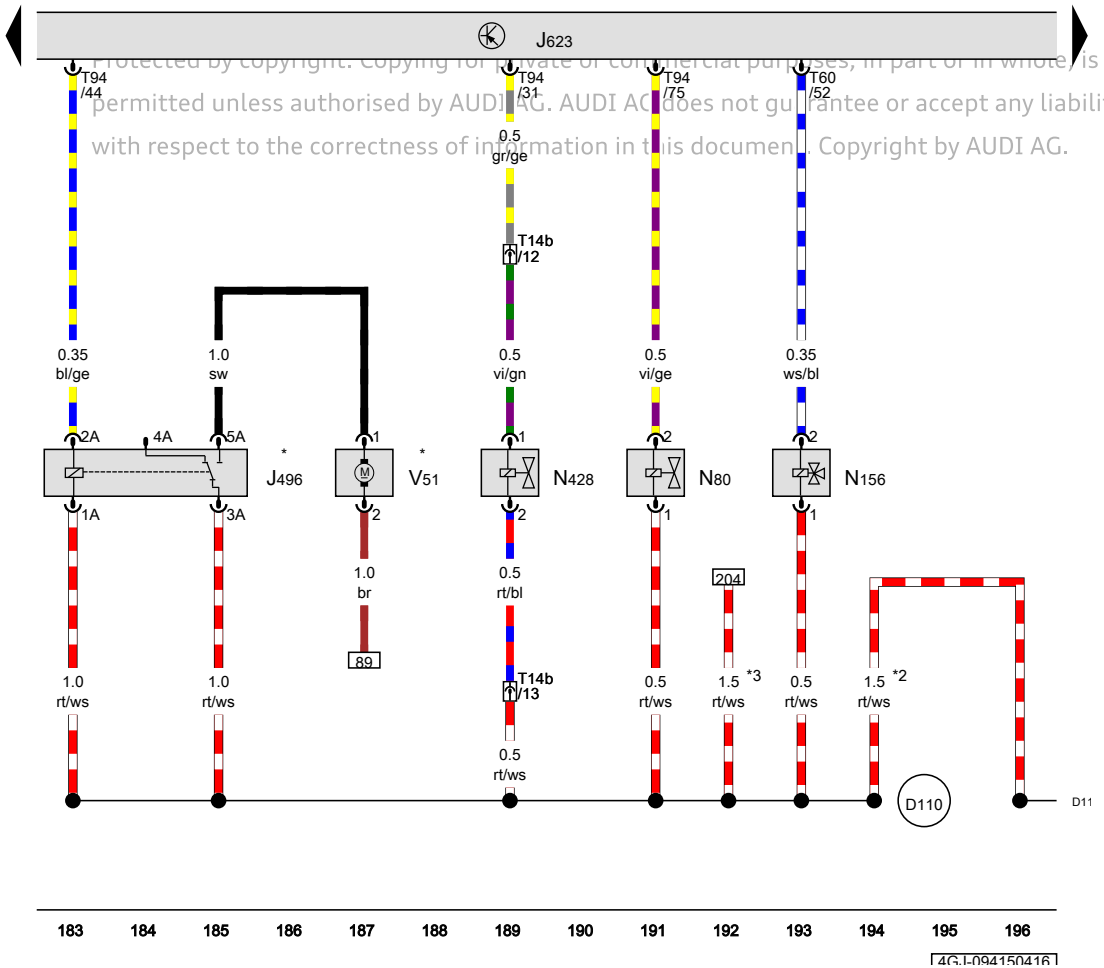


ws	=	white
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gn	=	green
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gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

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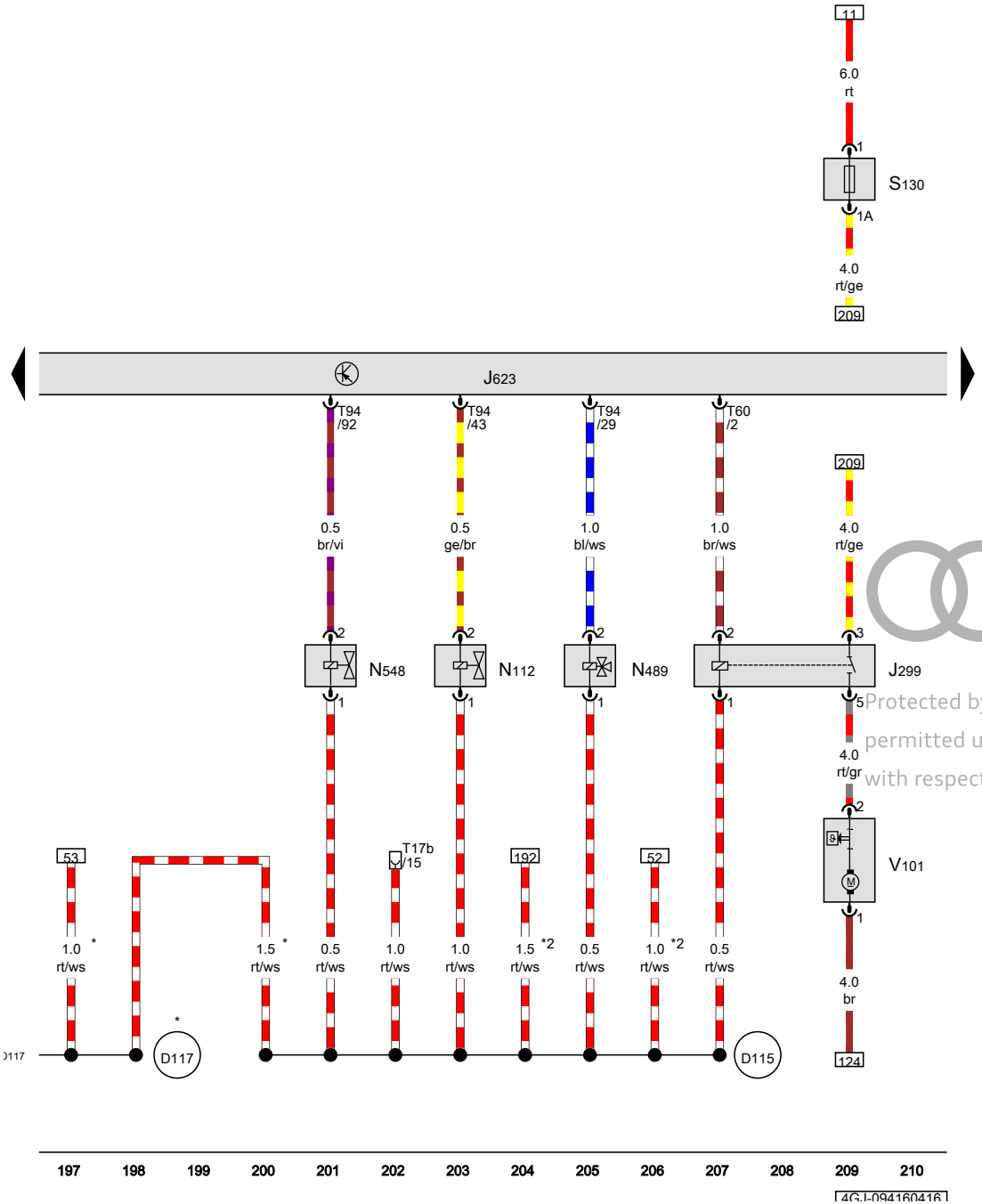
Additional coolant pump relay, Engine control unit, Activated charcoal filter solenoid valve 1, Variable intake manifold changeover valve, Valve for oil pressure control, Continued coolant circulation pump

J496	Additional coolant pump relay, in E-box in plenum chamber
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N156	Variable intake manifold changeover valve
N428	Valve for oil pressure control
T14b	14-pin connector, on left in engine compartment, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
D110	Connection 8 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	Only for countries with hot climate
*2	Gradually discontinued
*3	gradual introduction



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Secondary air pump relay, Engine control unit, Secondary air inlet valve, Coolant valve for cylinder head, Crankcase breather shut-off valve, Secondary air pump fuse, Secondary air pump motor

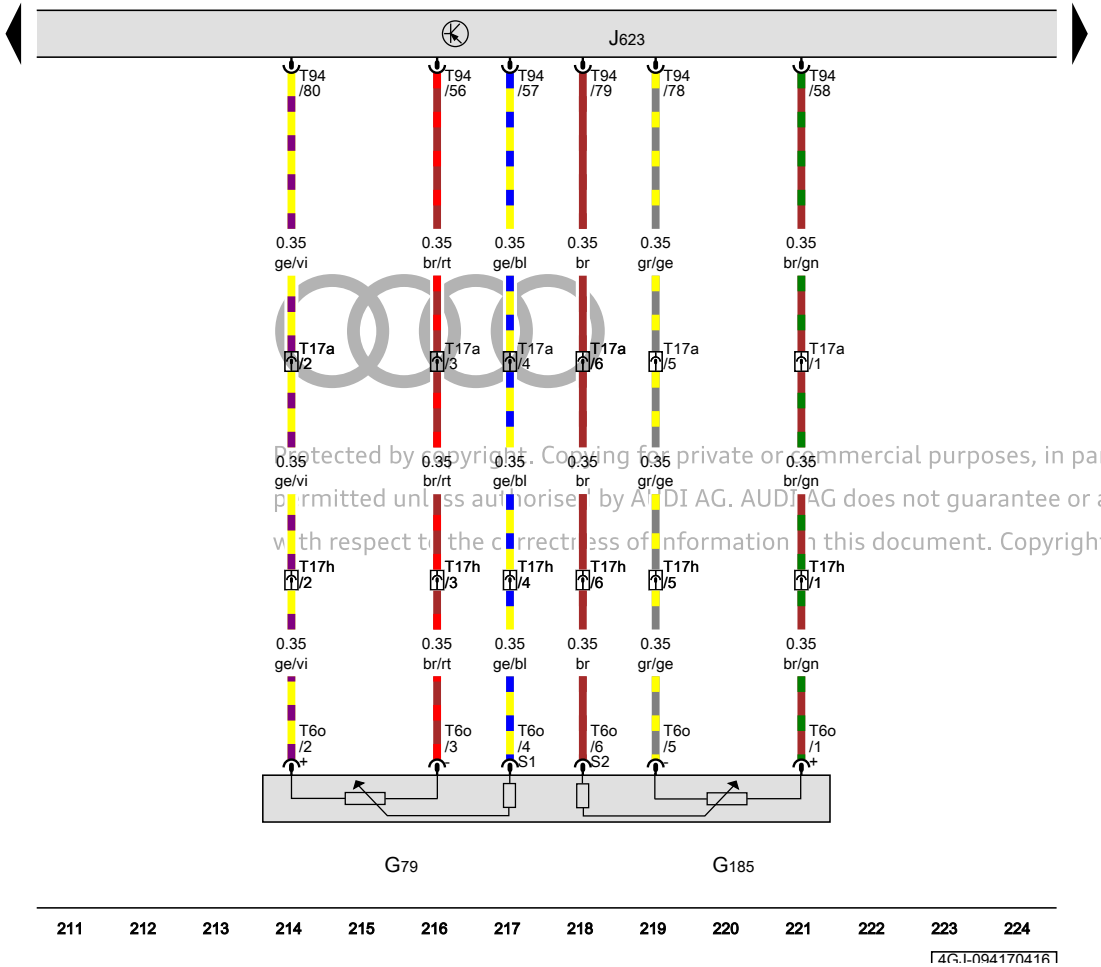
J299	Secondary air pump relay, in E-box in plenum chamber
J623	Engine control unit
N112	Secondary air inlet valve
N489	Coolant valve for cylinder head
N548	Crankcase breather shut-off valve
S130	Secondary air pump fuse
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T60	60-pin connector, black
T94	94-pin connector, black
V101	Secondary air pump motor
D115	Connection 13 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

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or	=	orange
rs	=	pink

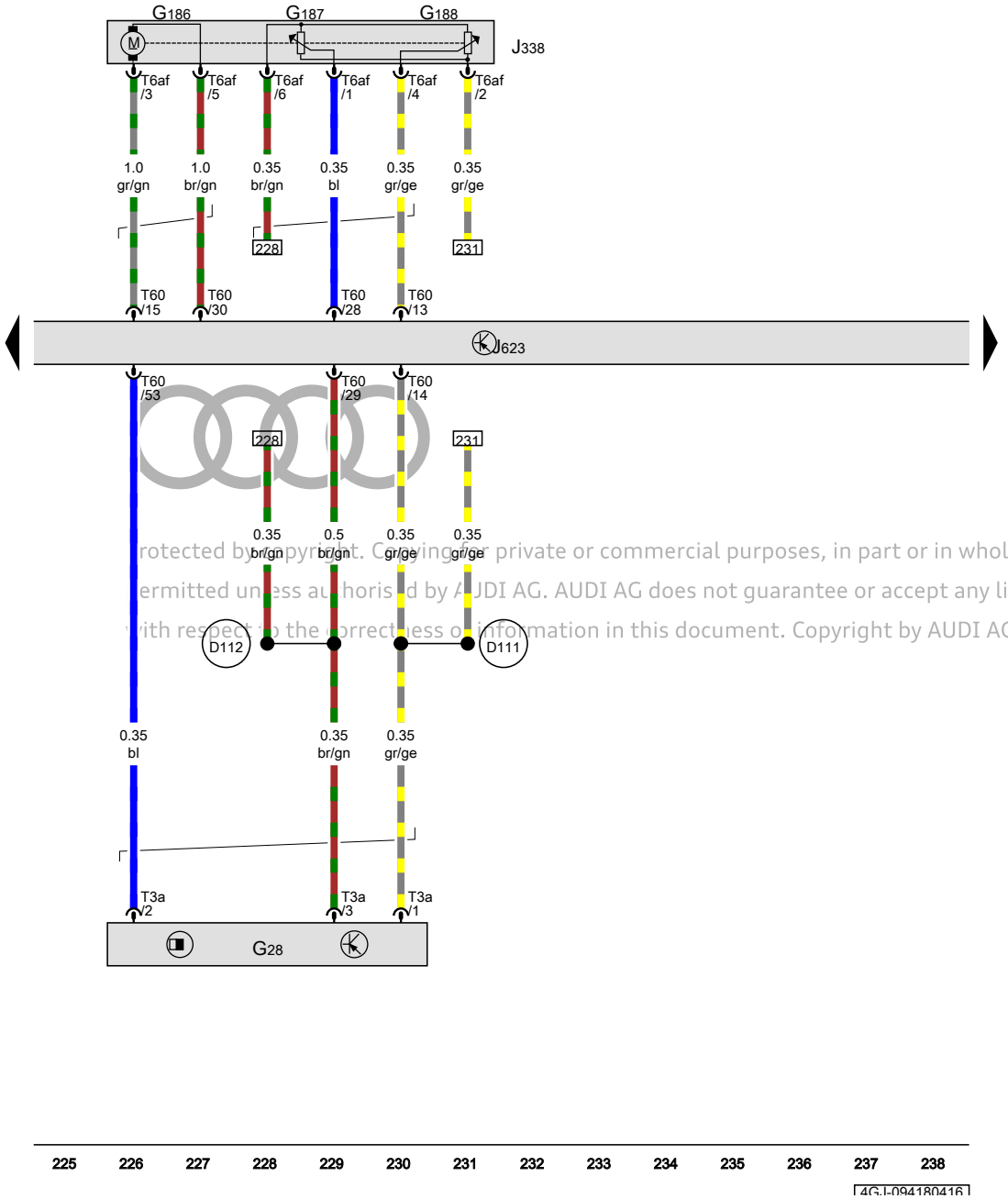
Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17h	17-pin connector, in left A-pillar coupling station, red
T94	94-pin connector, black



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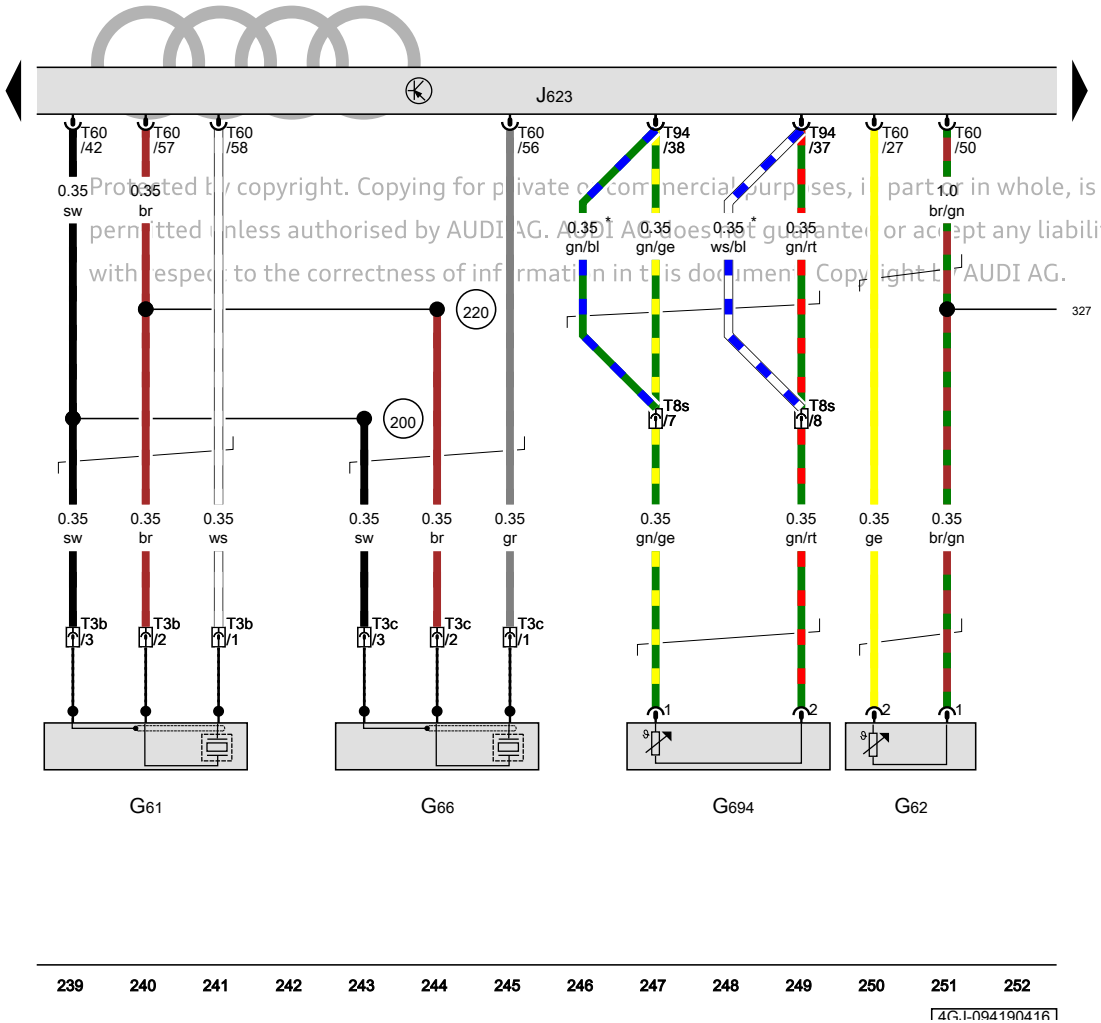
Engine speed sender, Throttle valve module, Engine control unit

G28	Engine speed sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T3a	3-pin connector, black
T6af	6-pin connector, black
T60	60-pin connector, black
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Knock sensor 1, Coolant temperature sender, Knock sensor 2, Temperature sender for engine temperature regulation, Engine control unit

G61	Knock sensor 1
G62	Coolant temperature sender
G66	Knock sensor 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T3b	3-pin connector, green
T3c	3-pin connector, grey
T8s	8-pin connector, on right in engine compartment, black
T60	60-pin connector, black
T94	94-pin connector, black
200	Earth connection (screening), in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
*	From November 2014

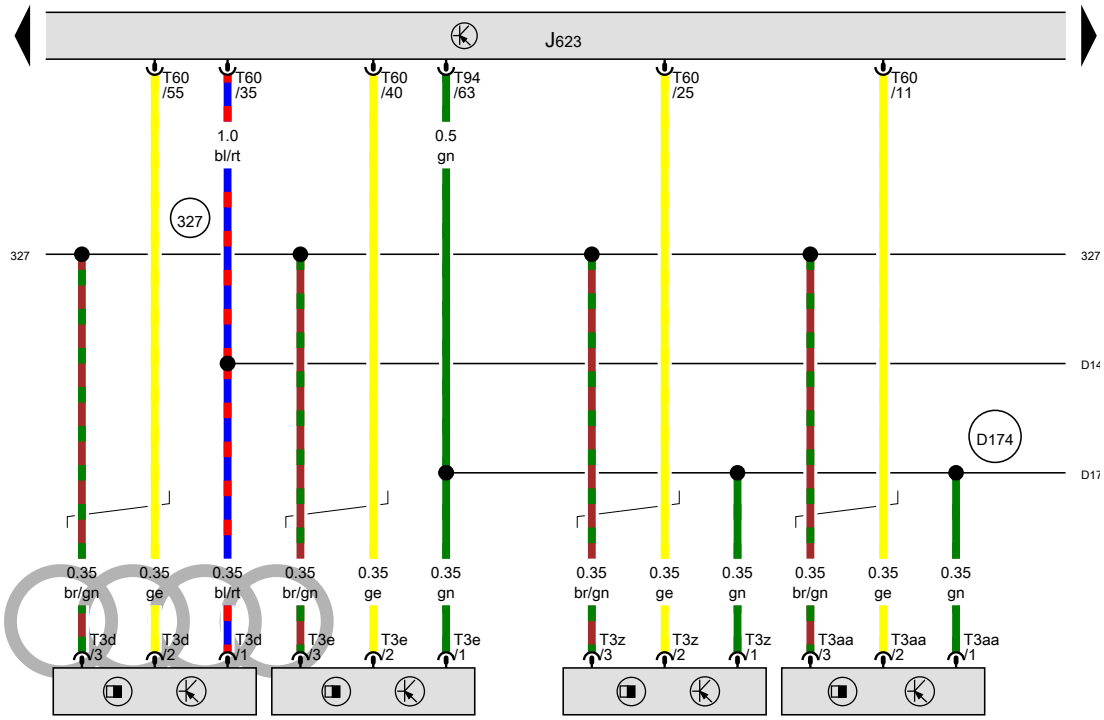


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Hall sender, Hall sender 2, Hall sender 3, Hall sender 4, Engine control unit

G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
J623	Engine control unit
T3aa	3-pin connector, black
T3d	3-pin connector, black
T3e	3-pin connector, black
T3z	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

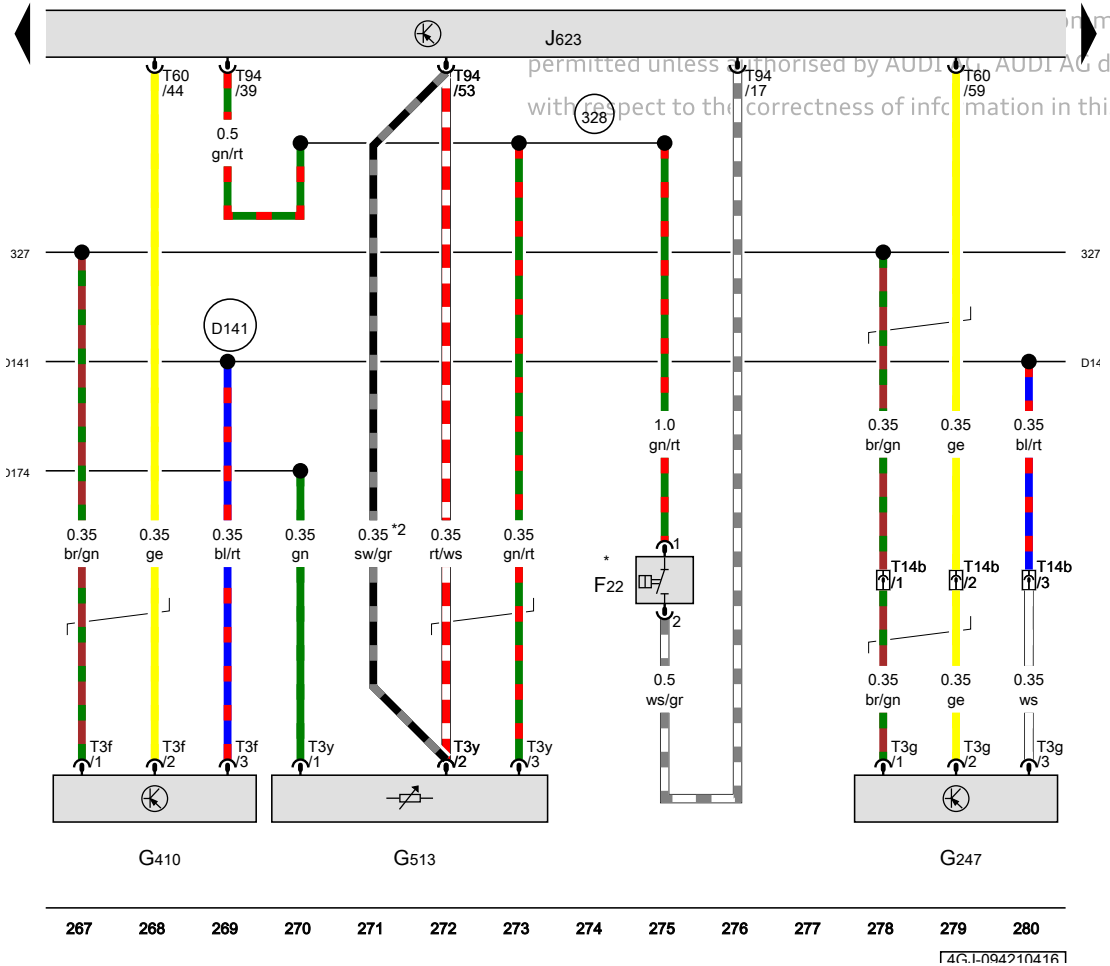


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Fuel pressure sender, Fuel pressure sender for low pressure, Variable intake manifold position sender, Engine control unit

F22	Oil pressure switch
G247	Fuel pressure sender
G410	Fuel pressure sender for low pressure
G513	Variable intake manifold position sender
J623	Engine control unit
T3f	3-pin connector, grey
T3g	3-pin connector, black
T3y	3-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T60	60-pin connector, black
T94	94-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	2.6 bar
*2	From November 2014



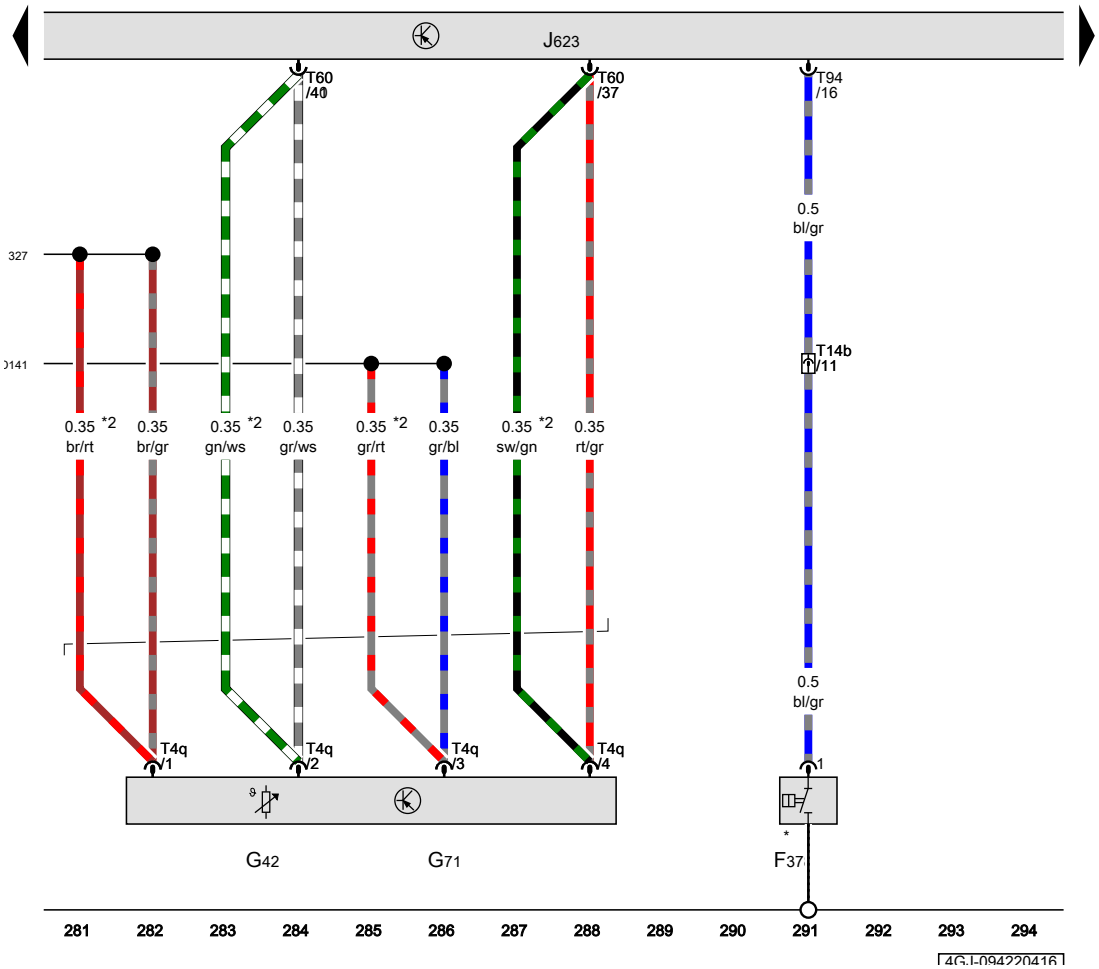
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br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
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Oil pressure switch for reduced oil pressure, Intake air temperature sender, Intake manifold pressure sender, Engine control unit

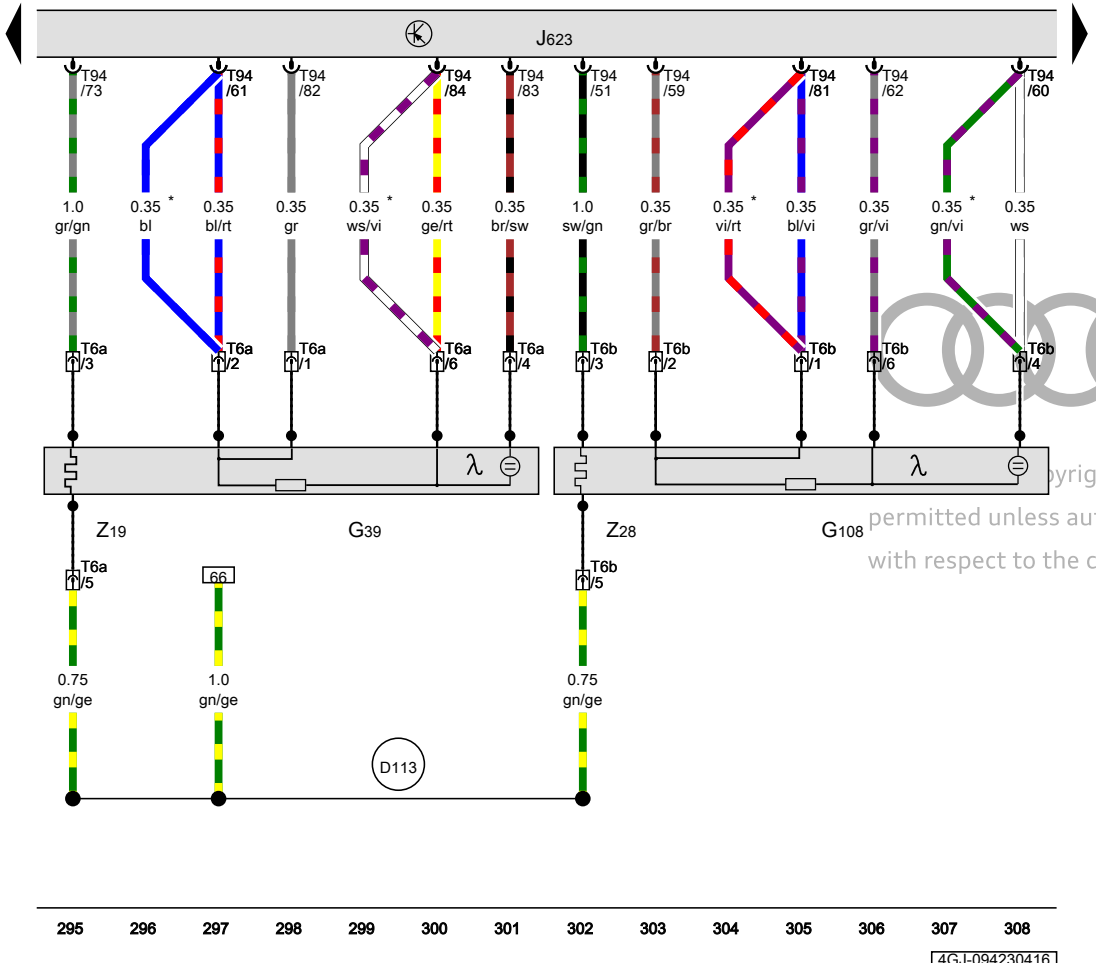
F378	Oil pressure switch for reduced oil pressure
G42	Intake air temperature sender
G71	Intake manifold pressure sender
J623	Engine control unit
T4q	4-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T60	60-pin connector, black
T94	94-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	0.9 bar
*2	From November 2014



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Lambda probe, Lambda probe 2, Engine control unit, Lambda probe heater, Lambda probe heater 2

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
T6a	6-pin connector, black
T6b	6-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D113	Connection 11 in engine compartment wiring harness
*	From November 2014



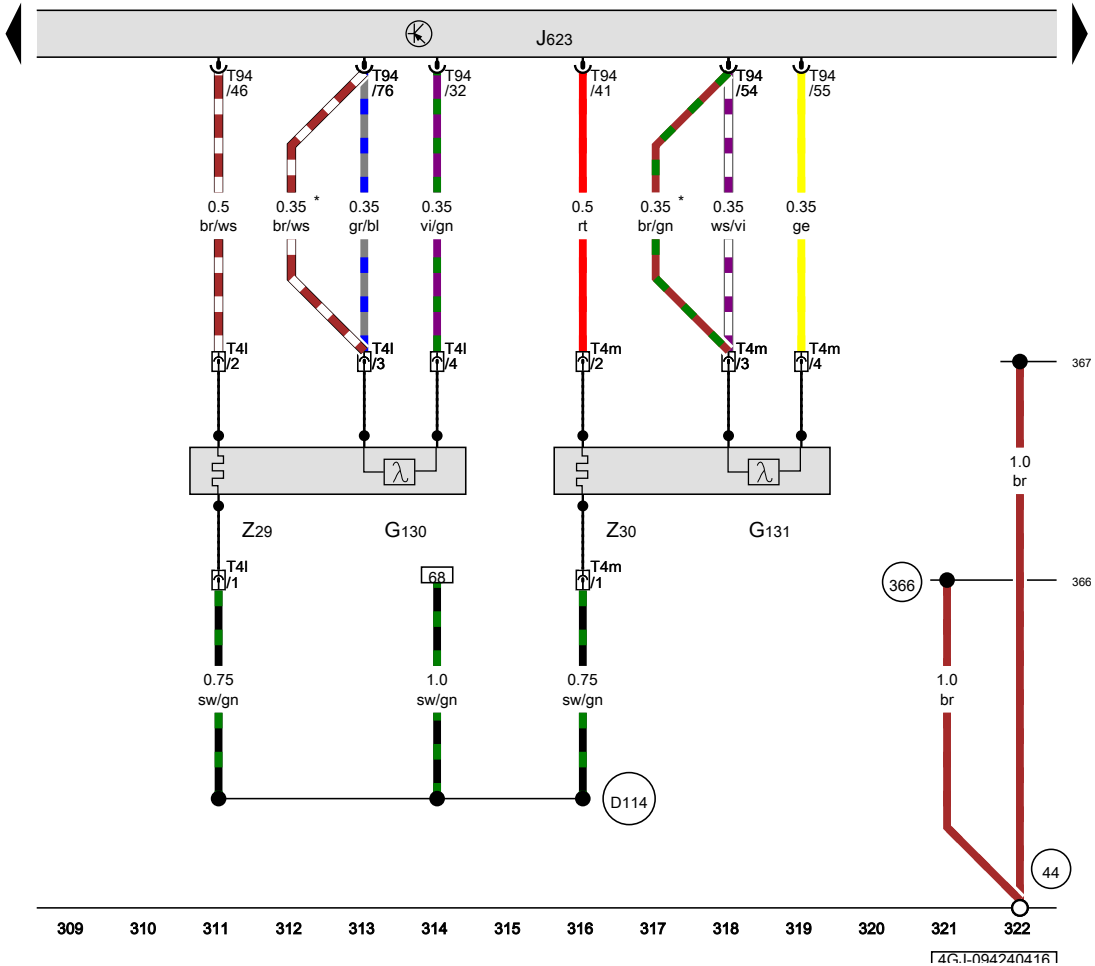
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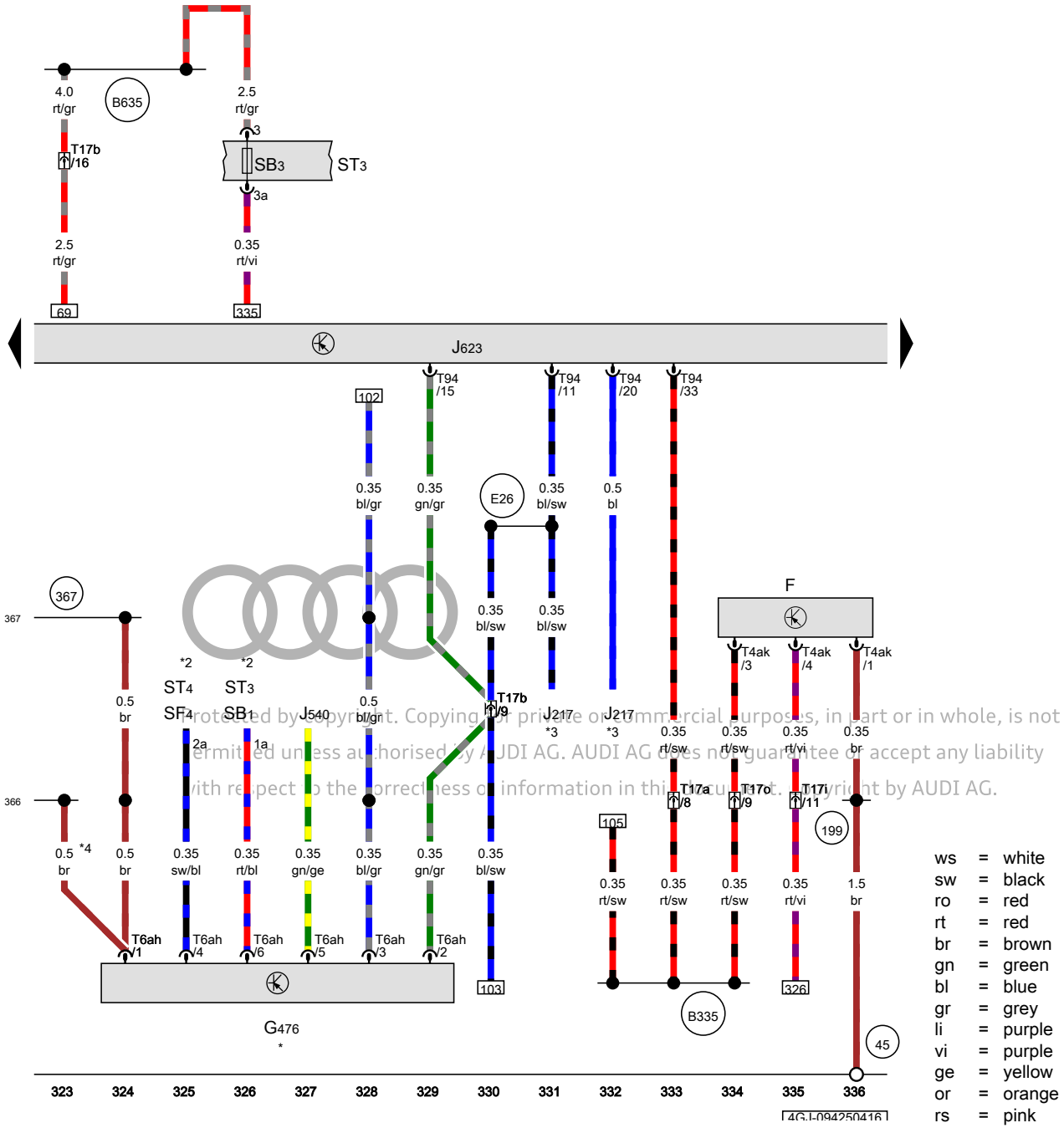
Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit, Lambda probe 1 heater after catalytic converter, Lambda probe 2 heater after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
T4l	4-pin connector, black
T4m	4-pin connector, black
T94	94-pin connector, black
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	From November 2014

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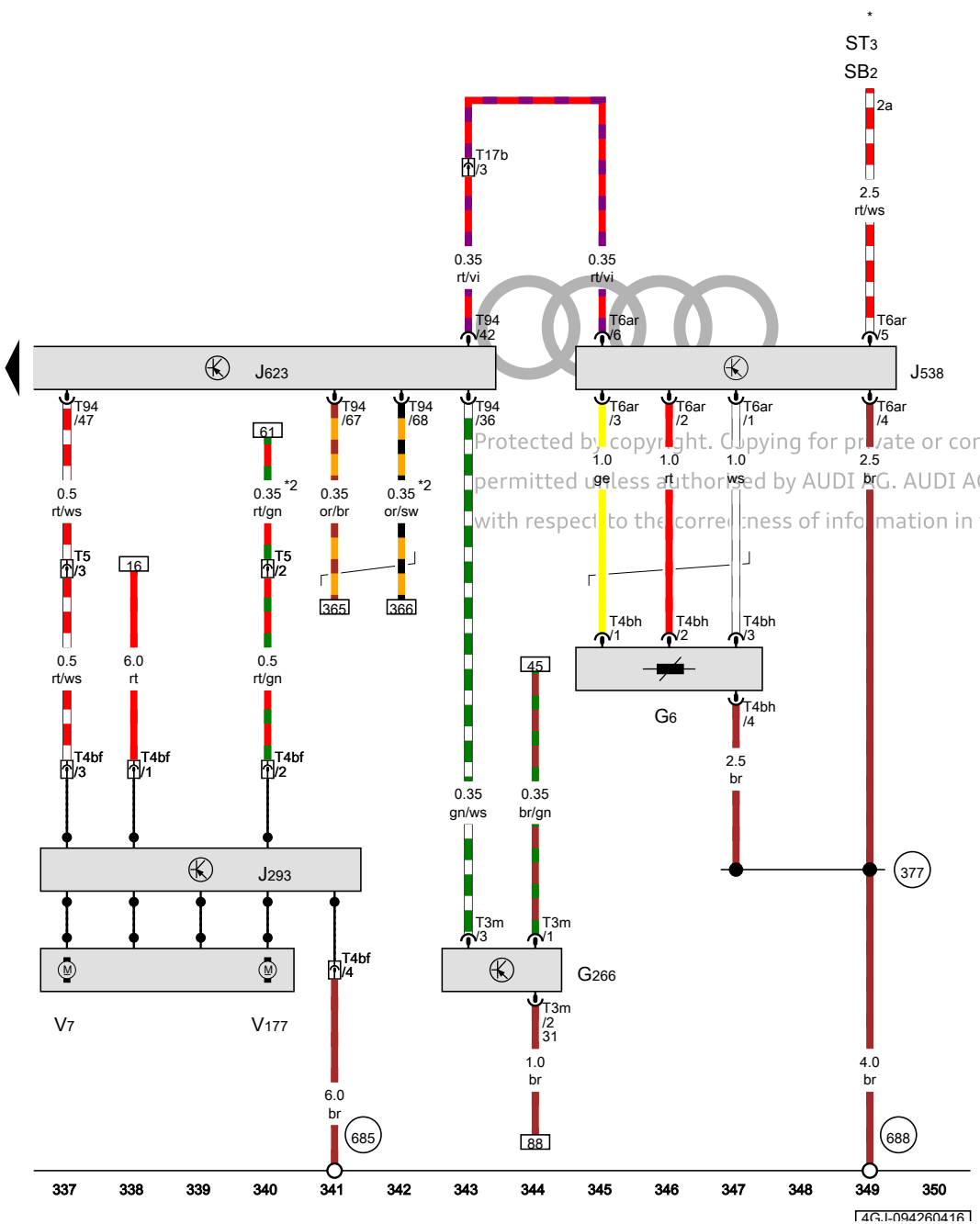


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Brake light switch, Clutch position sender, Control unit for electromechanical parking brake, Engine control unit, Fuse 3 on fuse holder B

F	Brake light switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
T4ak	4-pin connector, black
T6ah	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T94	94-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
B335	Connection 1 (54), in main wiring harness
B635	Positive connection 3 (87), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for dual clutch gearbox
*4	gradual introduction

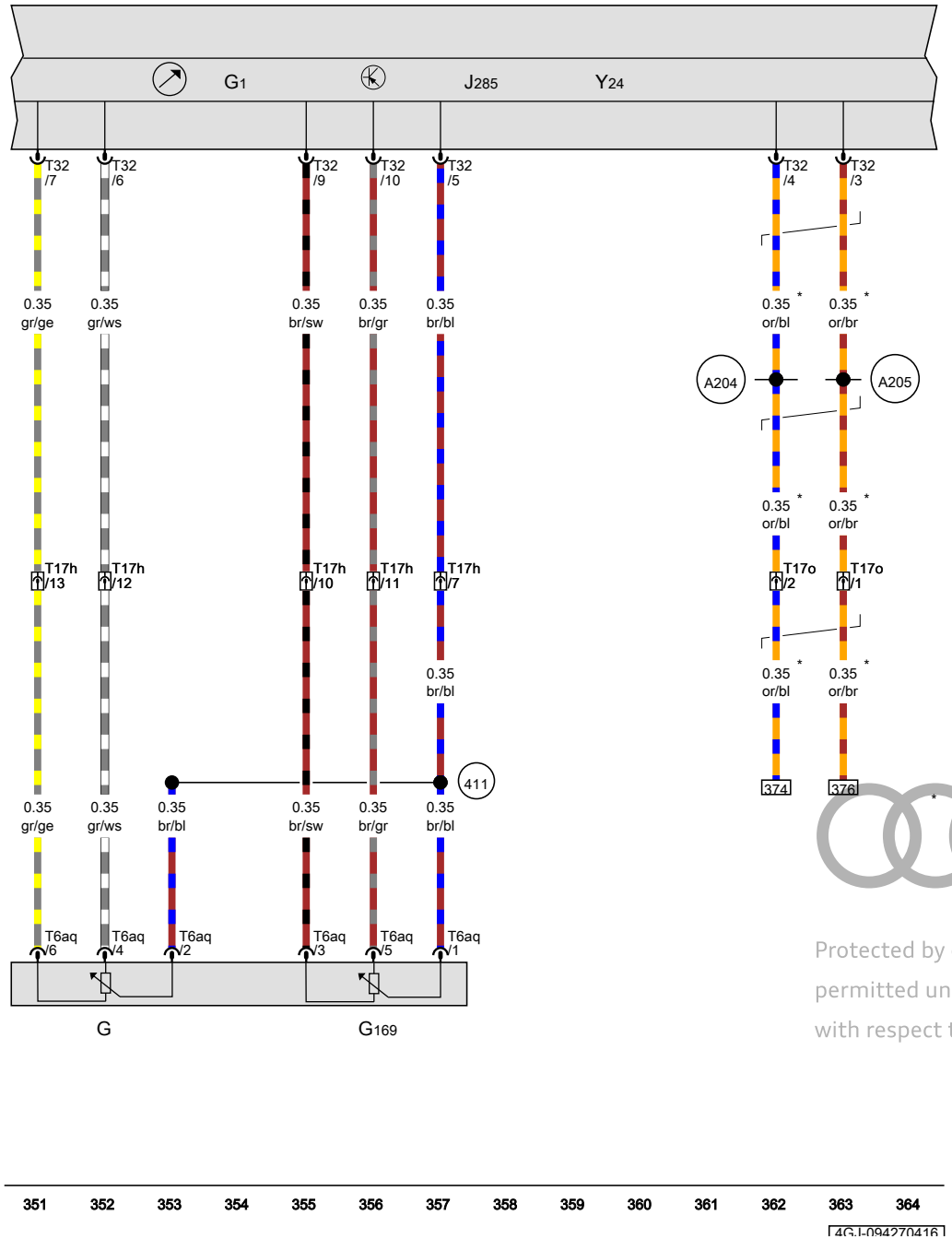


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Fuel system pressurisation pump, Oil level and oil temperature sender, Radiator fan control unit, Fuel pump control unit, Engine control unit, Radiator fan, Radiator fan 2

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J293	Radiator fan control unit
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector, black
T4bf	4-pin connector
T4bh	4-pin connector, black
T5	5-pin connector, central in plenum chamber, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T94	94-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
377	Earth connection 12, in main wiring harness
685	Earth point 1 at front of right longitudinal member
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

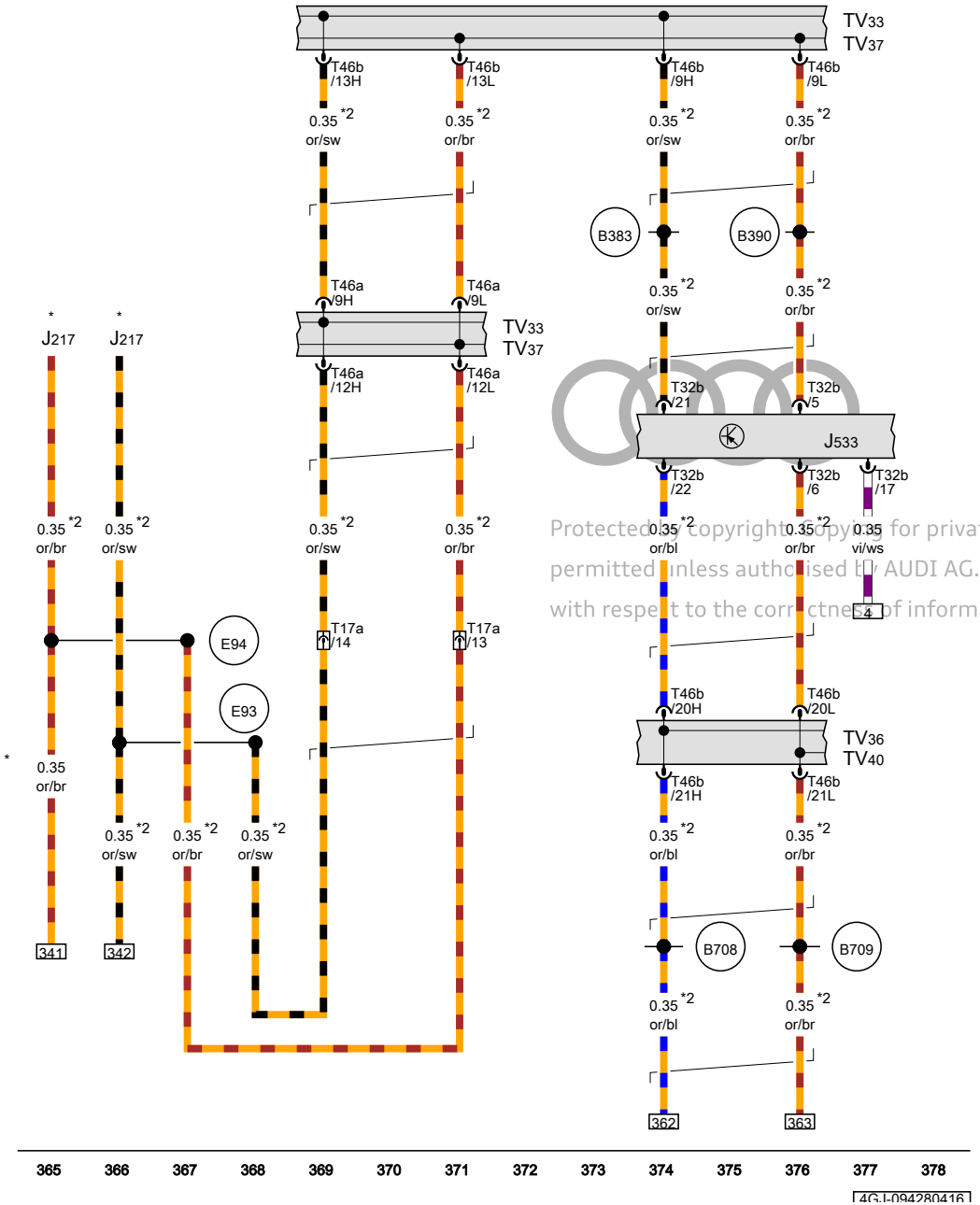


Fuel gauge sender, Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert, Display in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector, grey
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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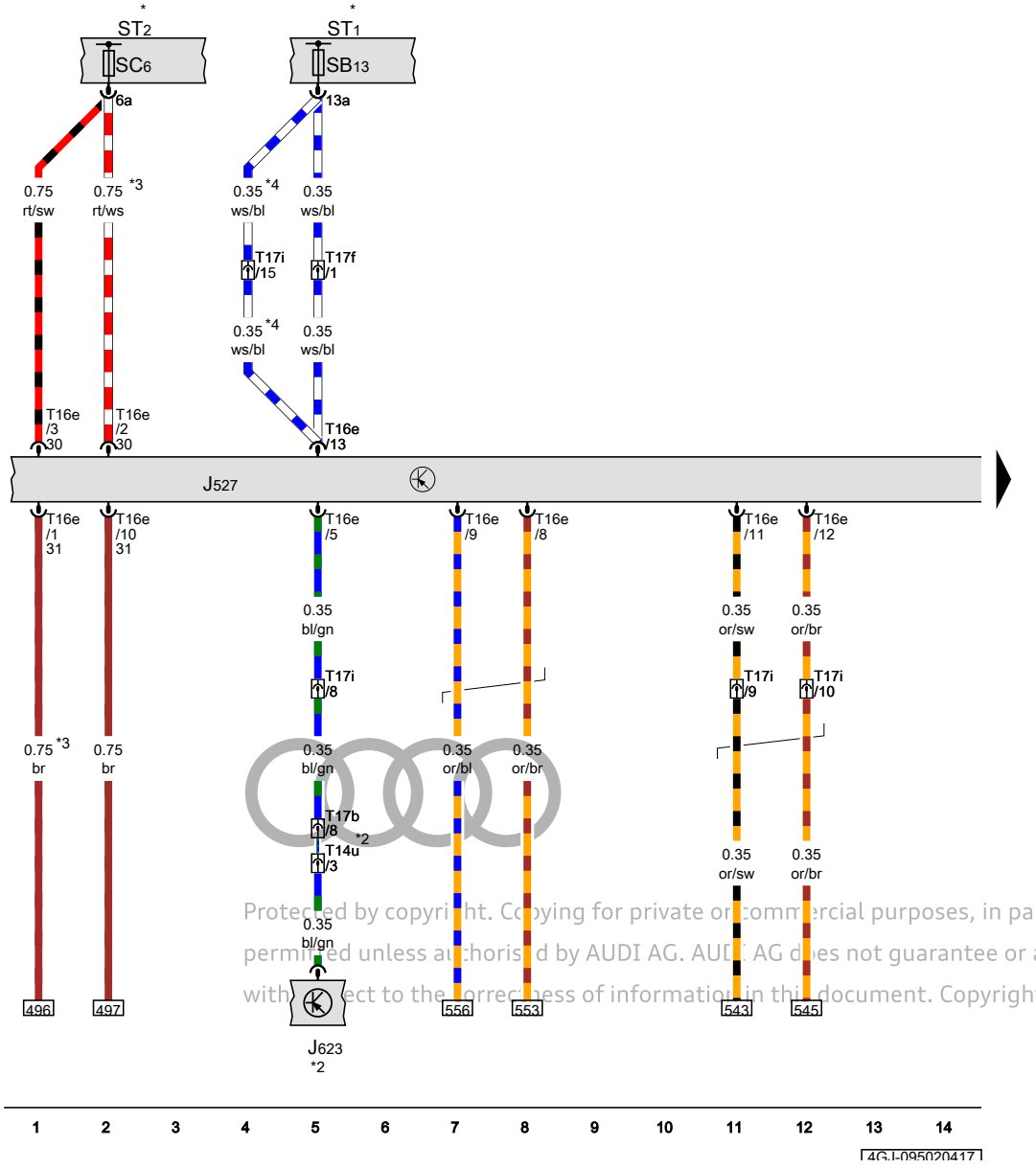
Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high, Wiring junction for dash panel insert CAN bus, low

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector, black
T46a	46-pin connector, black
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	Data bus wire (CAN bus)

Basic equipment , (L0L)

From September 2014

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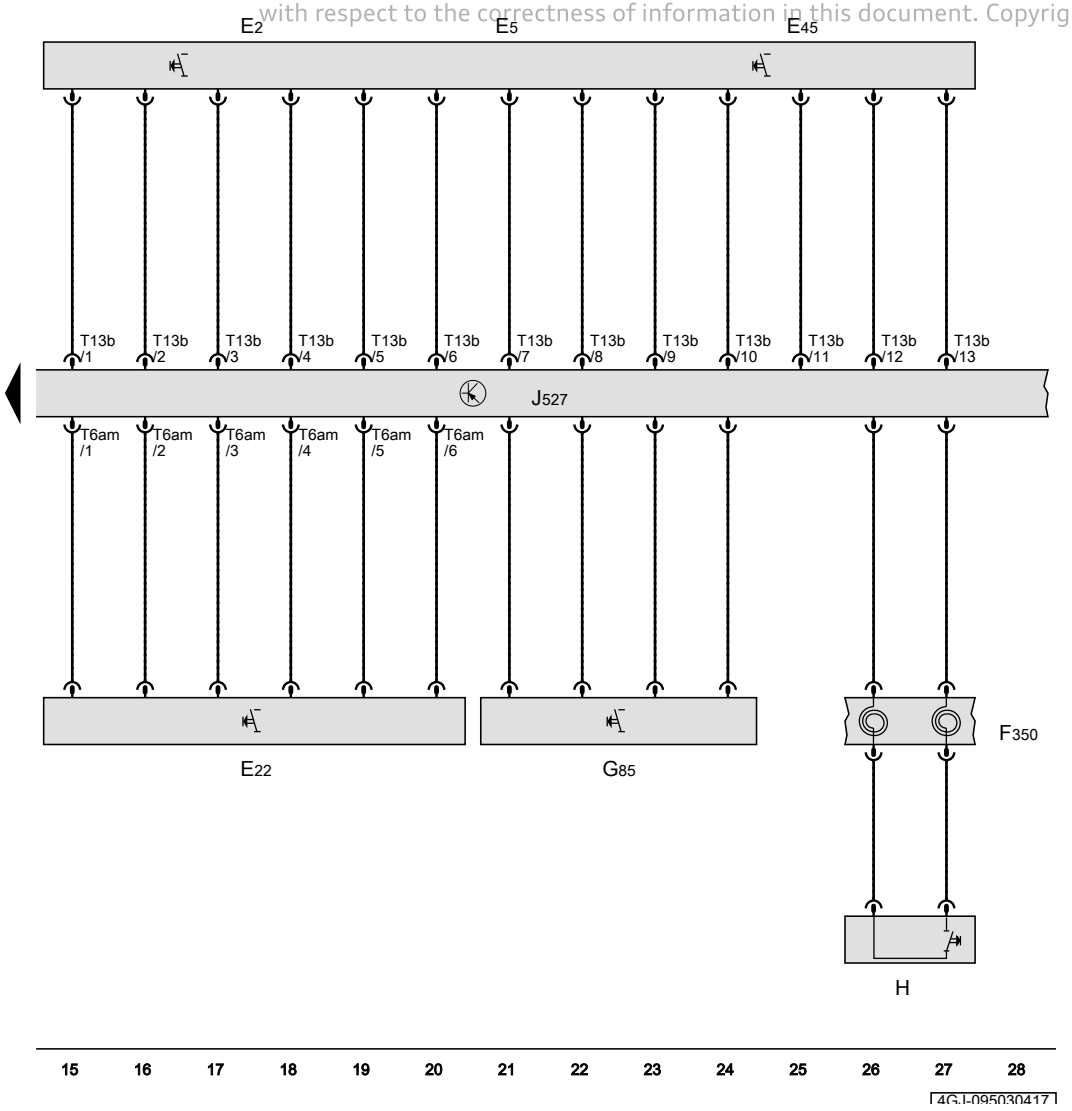
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Steering column electronics control unit

J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SB13	Fuse 13 on fuse holder B
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in left A-pillar coupling station
T17i	17-pin connector, in left A-pillar coupling station
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	For models with heated steering wheel
*4	From May 2016

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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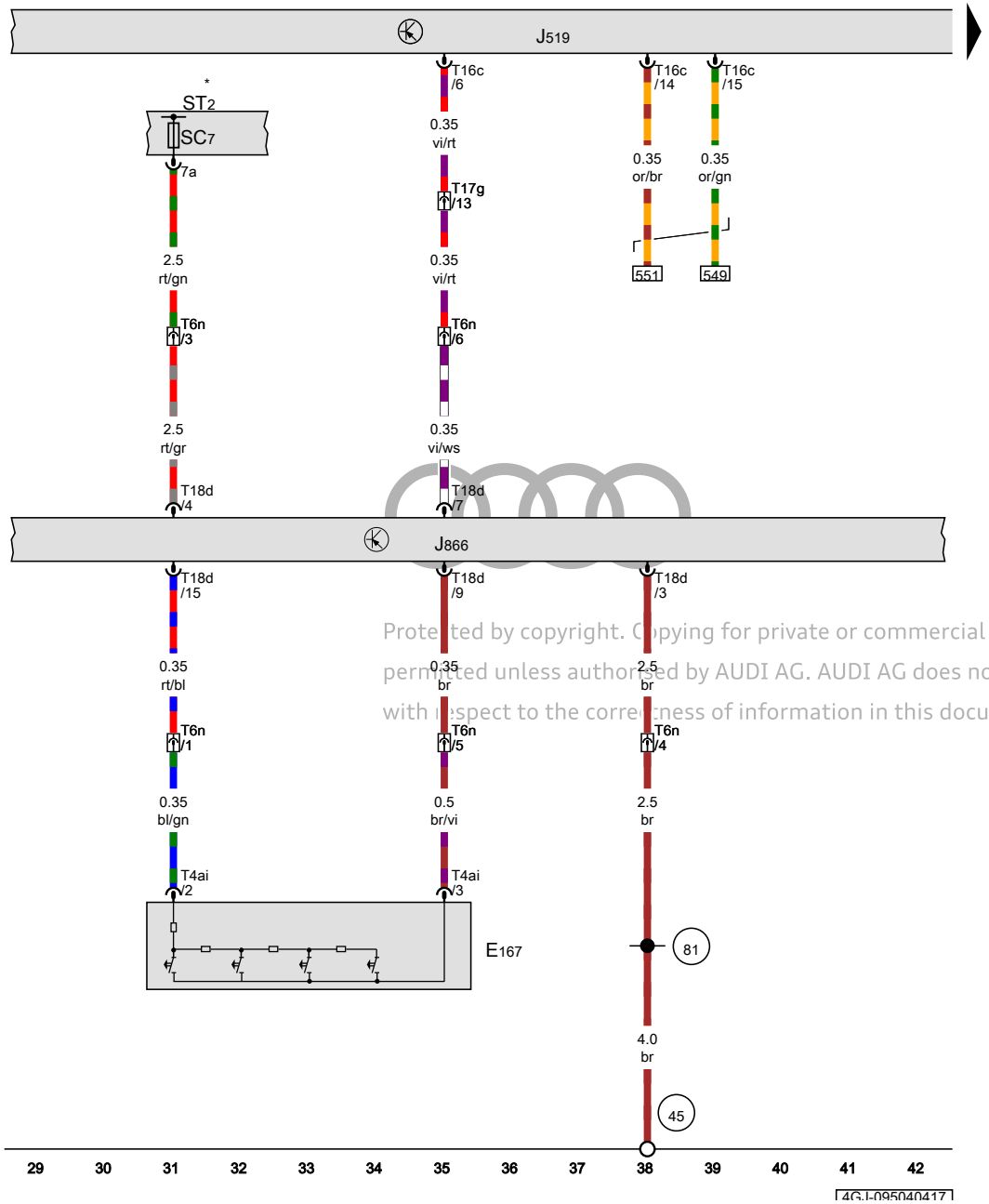


Steering column electronics control unit

E2	Turn signal switch
E5	Headlight flasher switch
E22	Intermittent wiper switch
E45	Cruise control system switch
F350	Coil connector
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
T6am	6-pin connector
T13b	13-pin connector

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Steering column adjustment switch, Onboard supply control unit, Control unit for electrically adjustable steering column



E167 Steering column adjustment switch
J519 Onboard supply control unit
J866 Control unit for electrically adjustable steering column
ST2 Fuse carrier 2
SC7 Fuse 7 on fuse holder C
T4ai 4-pin connector
T6n 6-pin connector, behind steering column trim
T16c 16-pin connector
T17g 17-pin connector, in left A-pillar coupling station, blue
T18d 18-pin connector

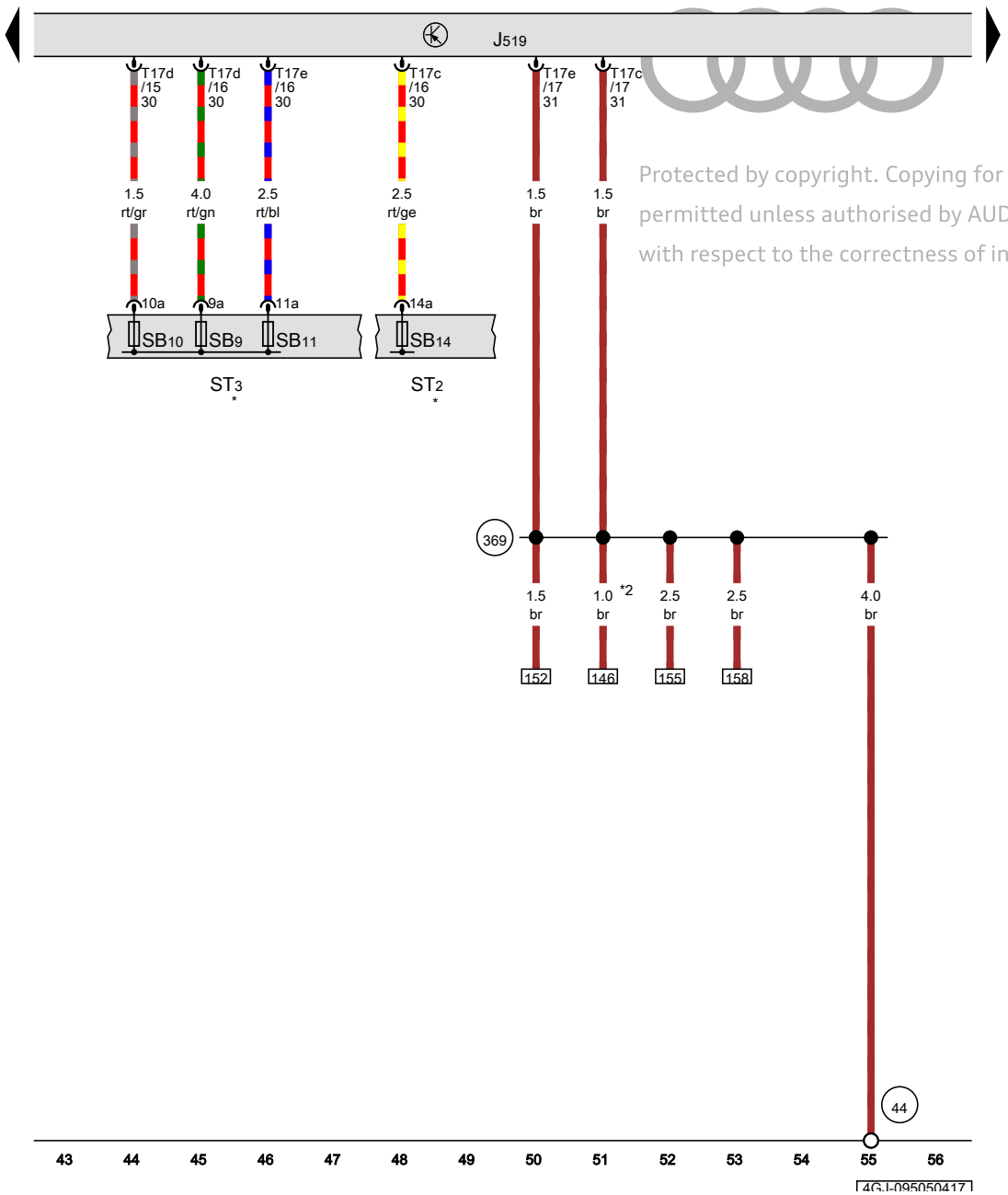
45 Earth point, centre behind dash panel

81 Earth connection 1, in dash panel wiring harness

* see applicable current flow diagram for fuse assignment

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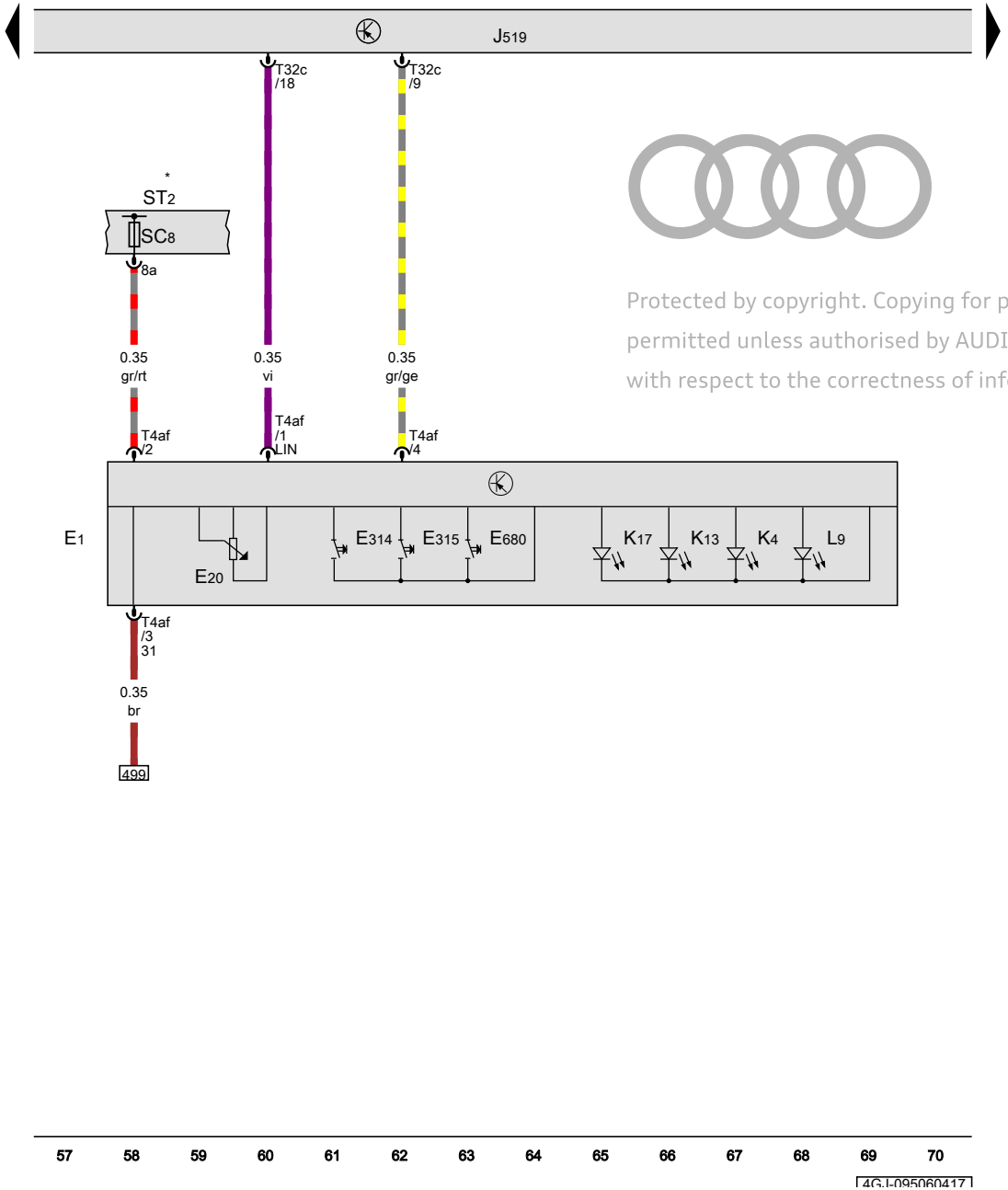


Onboard supply control unit

J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

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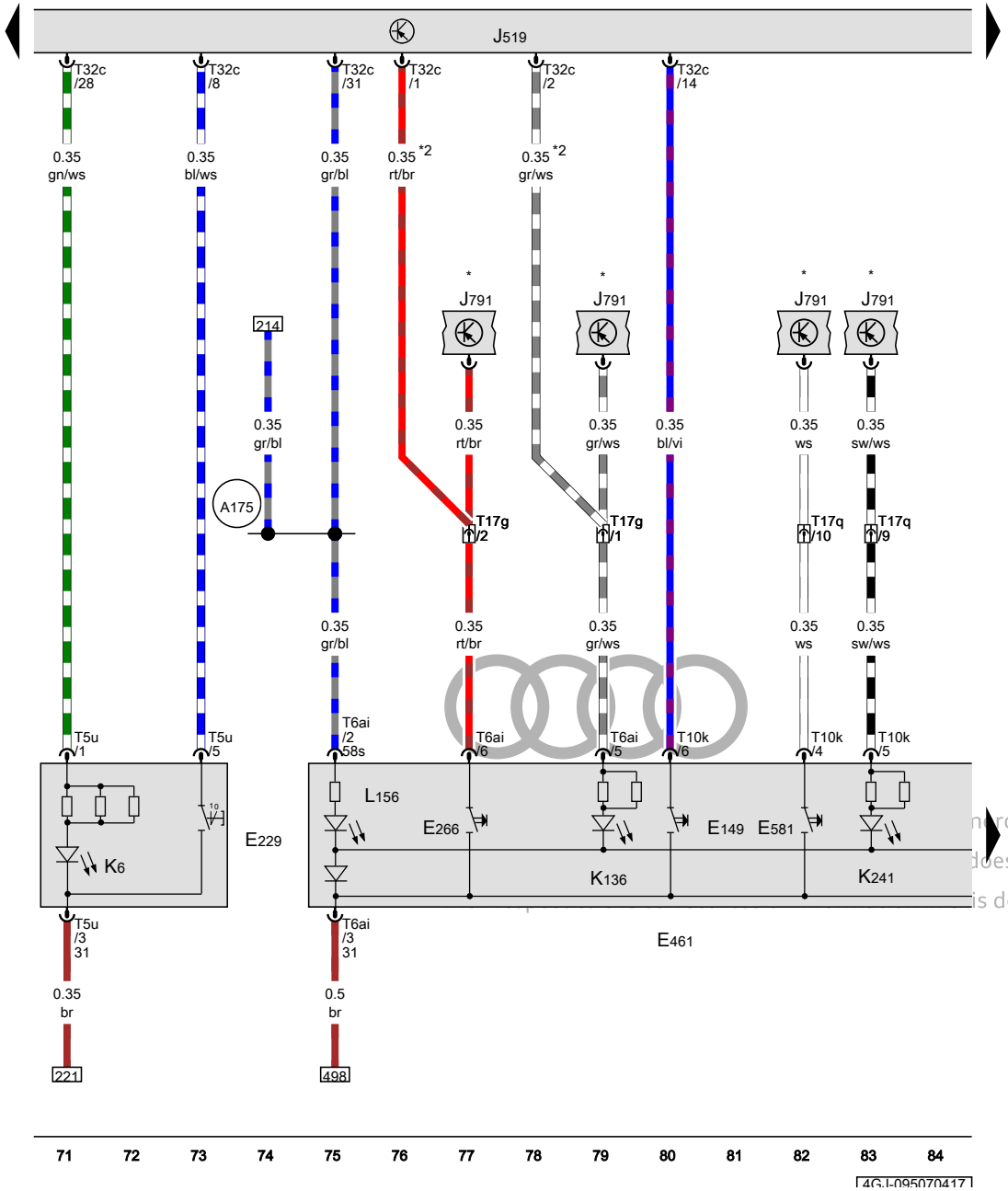


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Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
*	see applicable current flow diagram for fuse assignment

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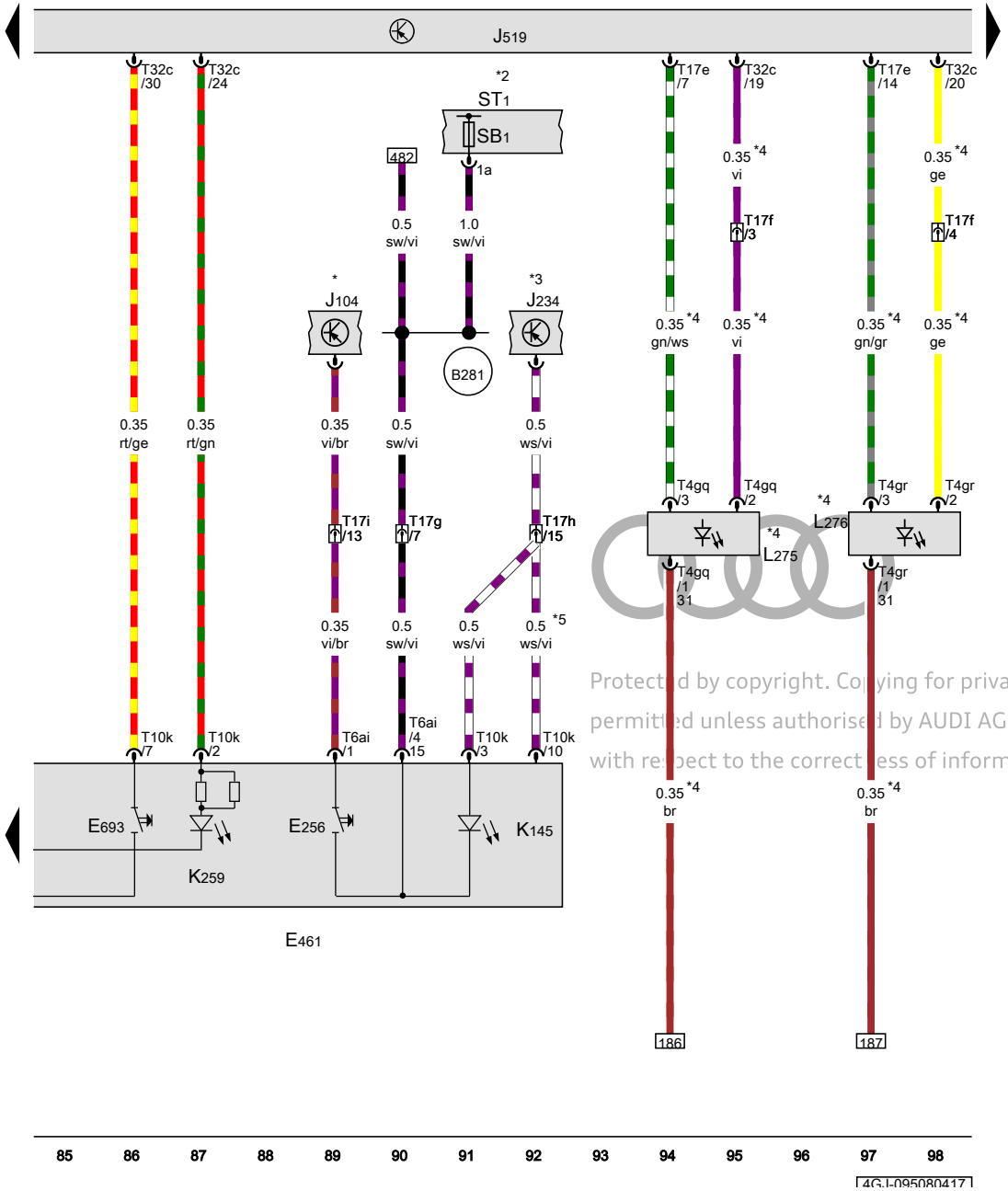


Hazard warning lights button, Operating unit in front of centre console, Onboard supply control unit

E149	Rear roller blind switch
E229	Hazard warning lights button
E266	Parking aid button
E461	Operating unit in front of centre console
E581	Park assist steering button
J519	Onboard supply control unit
J791	Park assist steering control unit
K6	Indicator lamp for hazard warning light
K136	Parking aid warning lamp
K241	Warning light for park assist steering
L156	Switch illumination bulb
T5u	5-pin connector
T6ai	6-pin connector
T10k	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T17q	17-pin connector, in coupling point in interior, right
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
*	Only models with park assist steering
*2	For models with parking aid (PDC)

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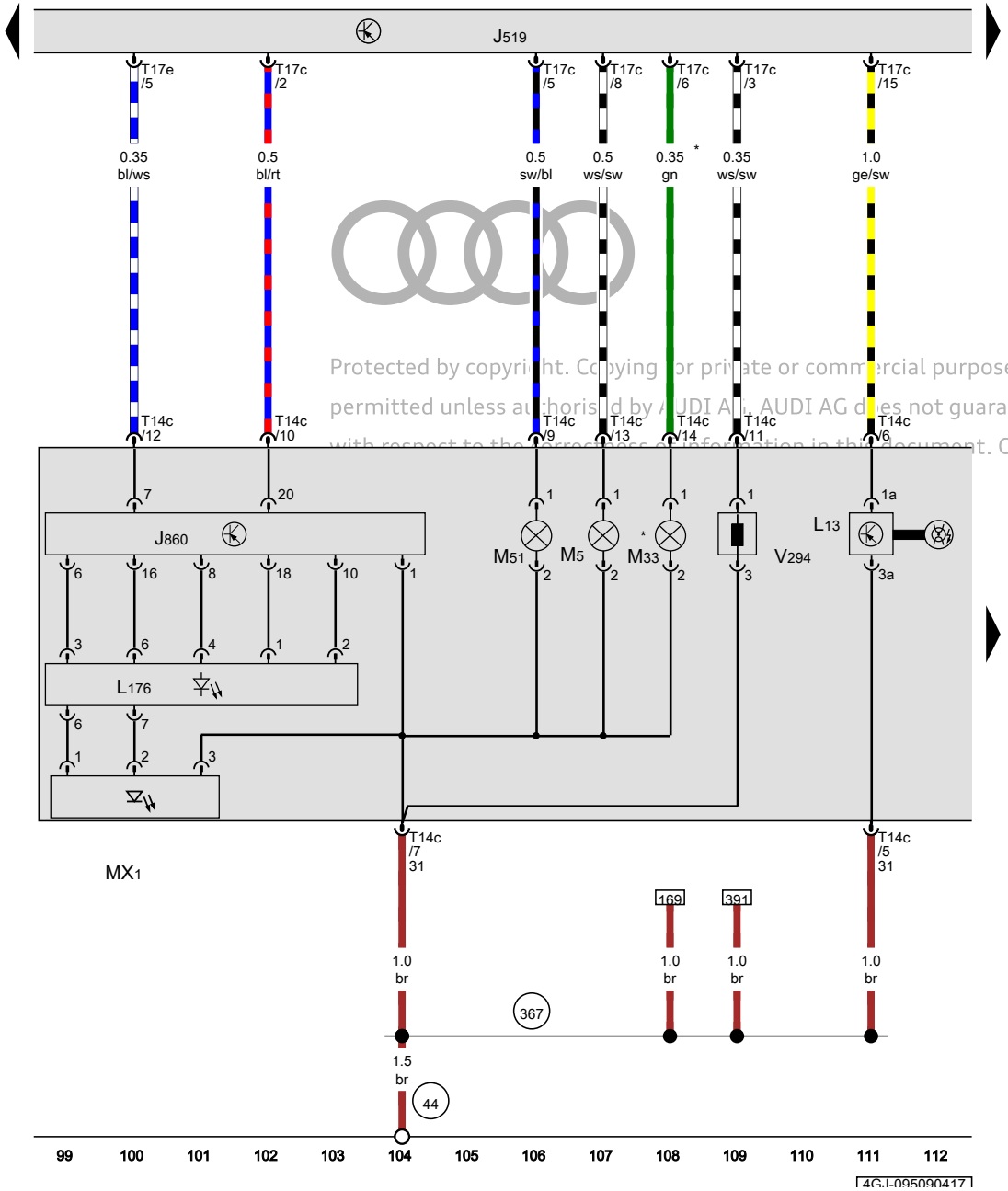


Operating unit in front of centre console, Onboard supply control unit, Light for left signature lighting, Light for right signature lighting

E256	Button for TCS and electronic stabilisation program
E461	Operating unit in front of centre console
E693	Start/Stop operation button
J104	ABS control unit
J234	Airbag control unit
J519	Onboard supply control unit
K145	Front passenger side airbag deactivated warning lamp
K259	Start/Stop operation warning lamp
L275	Light for left signature lighting
L276	Light for right signature lighting
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T4gq	4-pin connector, grey
T4gr	4-pin connector, grey
T6ai	6-pin connector
T10k	10-pin connector
T17e	17-pin connector
T17f	17-pin connector, in left A-pillar coupling station, white
T17g	17-pin connector, in left A-pillar coupling station, blue
T17h	17-pin connector, in left A-pillar coupling station
T17i	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for airbag
*4	Only models with hybrid drive system
*5	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor

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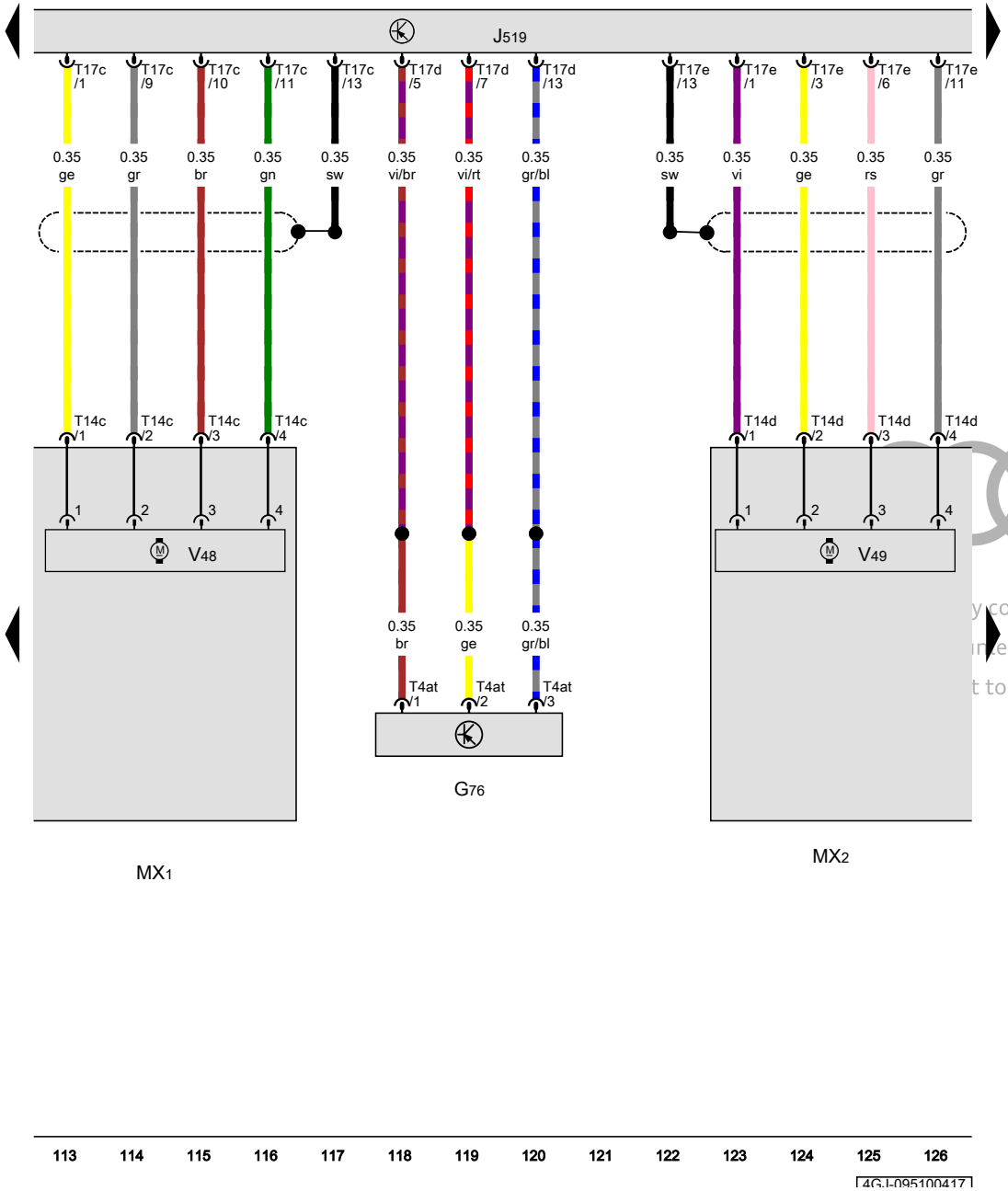
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Onboard supply control unit, Control unit for left daytime running light and side light, Left gas discharge (xenon) bulb, Front left turn signal bulb, Front left side marker bulb

J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L13	Left gas discharge (xenon) bulb
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
M33	Front left side marker bulb
M51	Left static cornering light
T14c	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V294	Left dip beam screen motor
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
*	Only for American markets

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Onboard supply control unit, Front right headlight

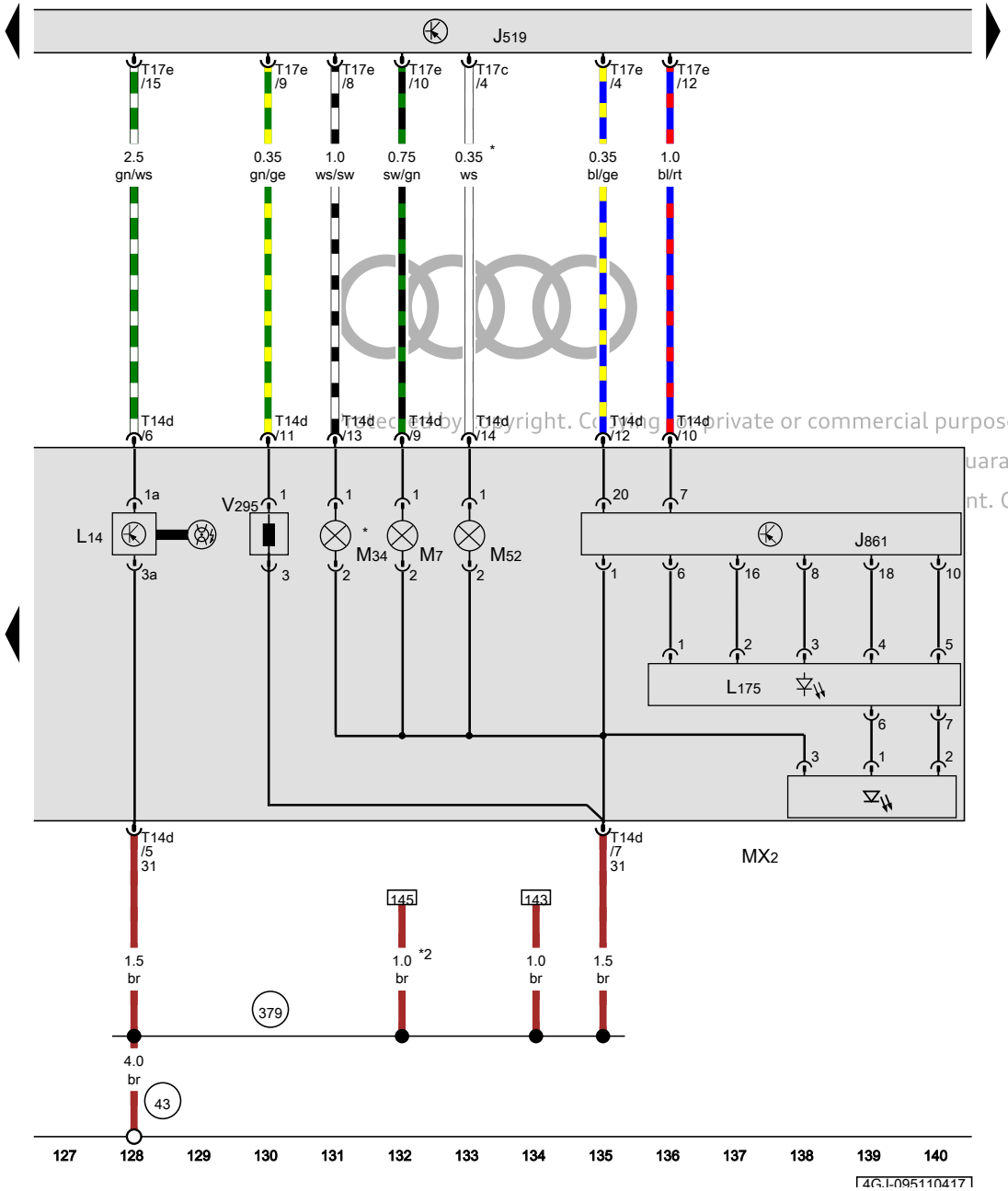


G76	Rear left vehicle level sender
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
T4at	4-pin connector
T14c	14-pin connector
T14d	14-pin connector
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor

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rs	=	pink

Onboard supply control unit, Control unit for right daytime running light and side light, Front right headlight, Front right turn signal bulb, Right static cornering light

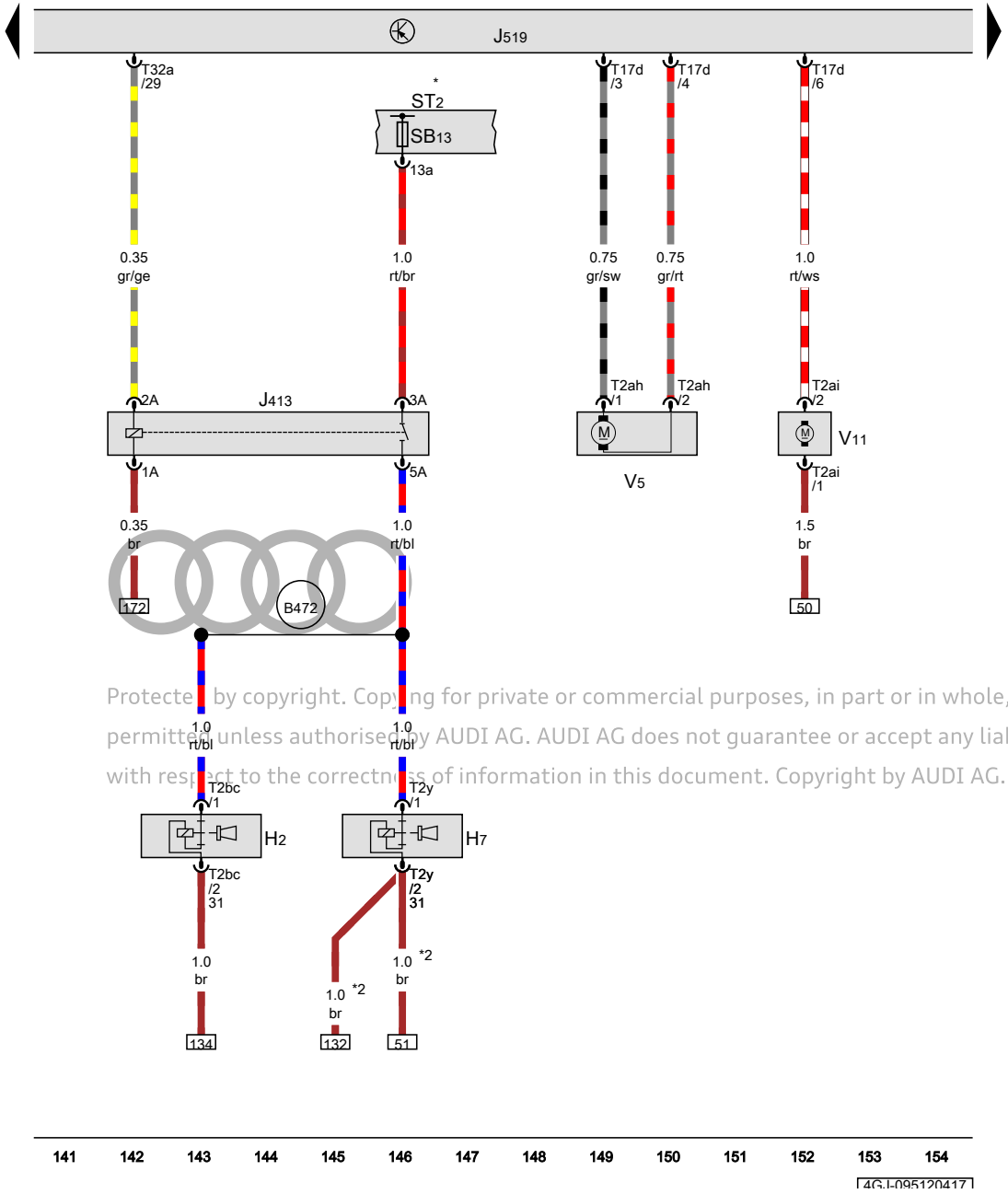


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J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
L14	Right gas discharge (xenon) bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M7	Front right turn signal bulb
M34	Front right side marker bulb
M52	Right static cornering light
T14d	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V295	Right dip beam screen motor
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
*	Only for American markets
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

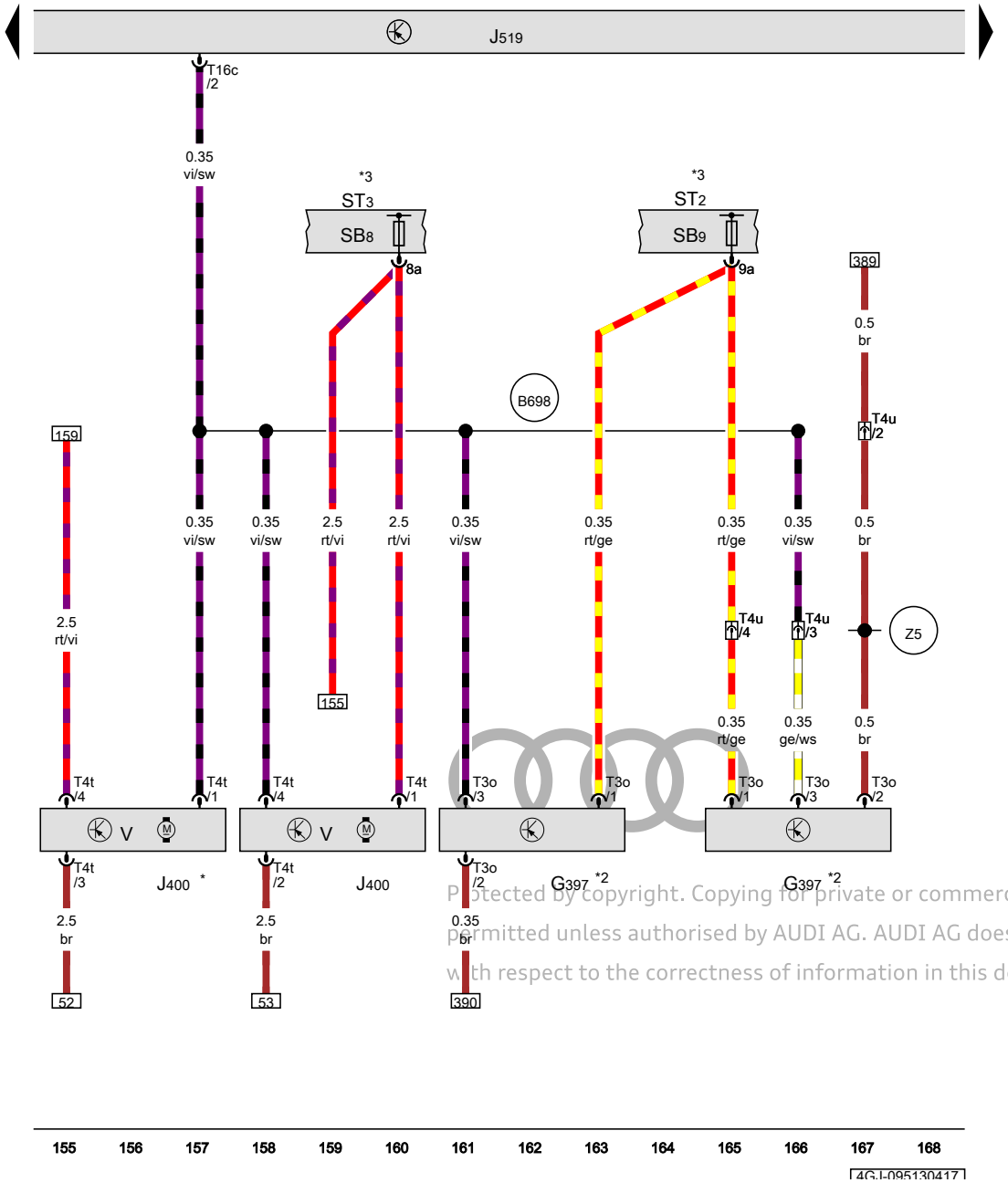
Treble horn, Bass horn, Horn relay, Onboard supply control unit, Washer pump, Headlight washer system pump



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H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST2	Fuse carrier 2
SB13	Fuse 13 on fuse holder B
T2ah	2-pin connector
T2ai	2-pin connector
T2bc	2-pin connector
T2y	2-pin connector
T17d	17-pin connector
T32a	32-pin connector
V5	Washer pump
V11	Headlight washer system pump
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



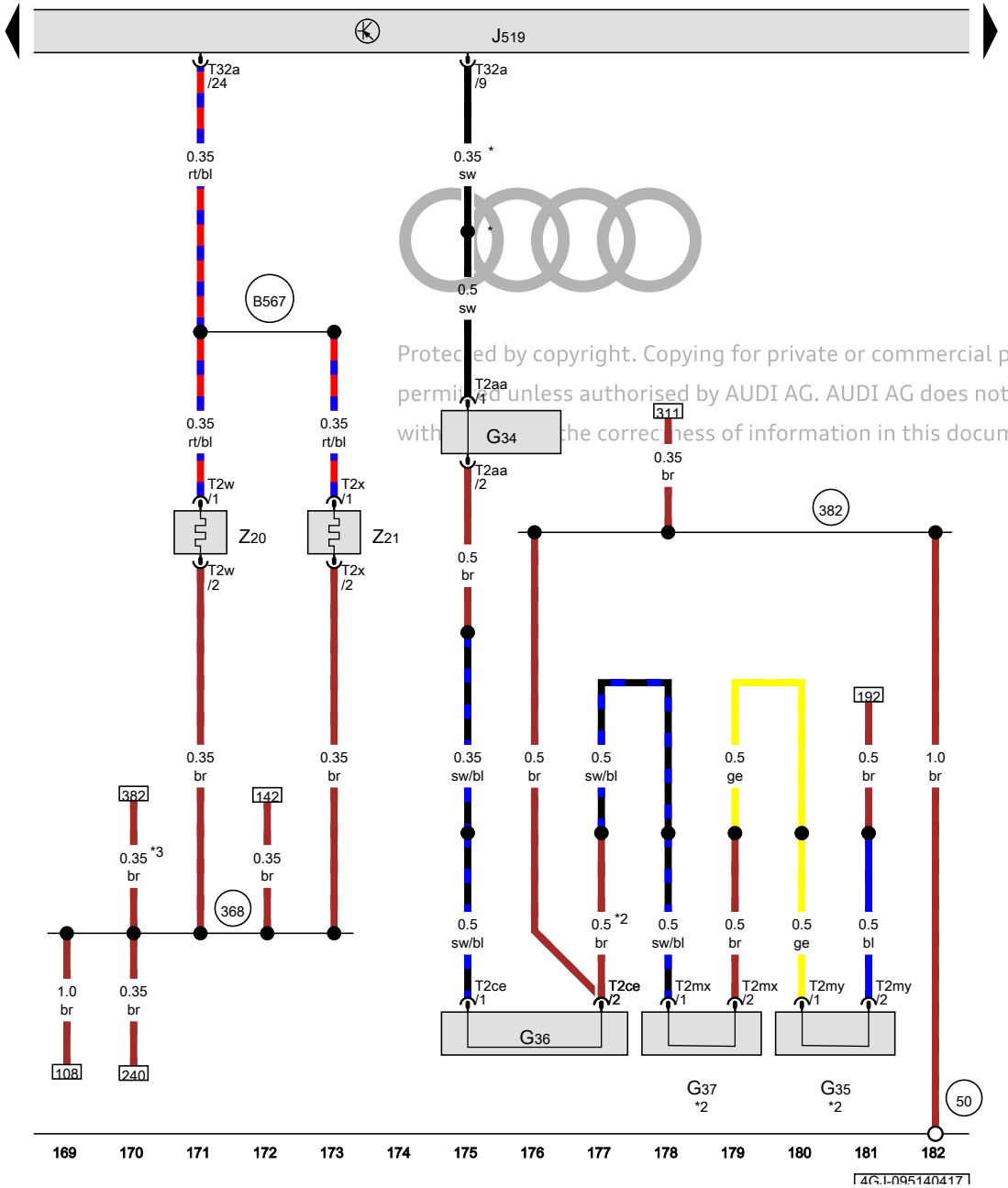
Rain and light sensor, Wiper motor control unit, Onboard supply control unit

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T4u	4-pin connector, near interior mirror
T16c	16-pin connector
V	Windscreen wiper motor
B698	Connection 3 (LIN bus) in main wiring harness
Z5	Connection, in window heating wiring harness
*	Only right-hand drive models
*2	According to equipment
*3	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Front left brake pad wear sender, Front right brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit, Left washer jet heater element



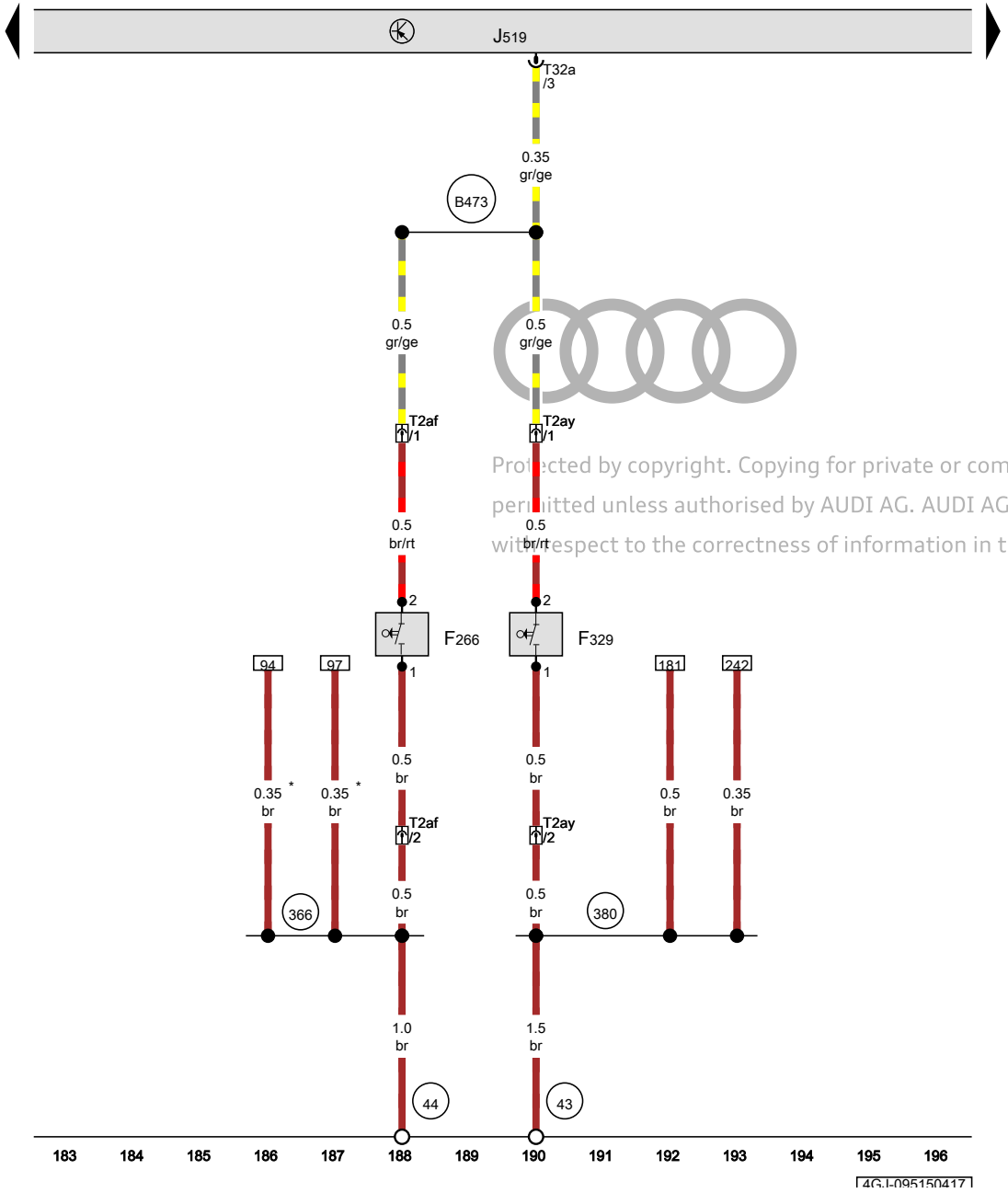
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G34	Front left brake pad wear sender
G35	Front right brake pad wear sender
G36	Rear left brake pad wear sender
G37	Rear right brake pad wear sender
J519	Onboard supply control unit
T2aa	2-pin connector
T2ce	2-pin connector
T2mx	2-pin connector
T2my	2-pin connector
T2w	2-pin connector
T2x	2-pin connector
T32a	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
50	Earth point, on left in luggage compartment
368	Earth connection 3, in main wiring harness
382	Earth connection 17, in main wiring harness
B567	Connection 34, in main wiring harness
*	Gradually discontinued
*2	According to equipment
*3	Only models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Bonnet contact switch, Onboard supply control unit

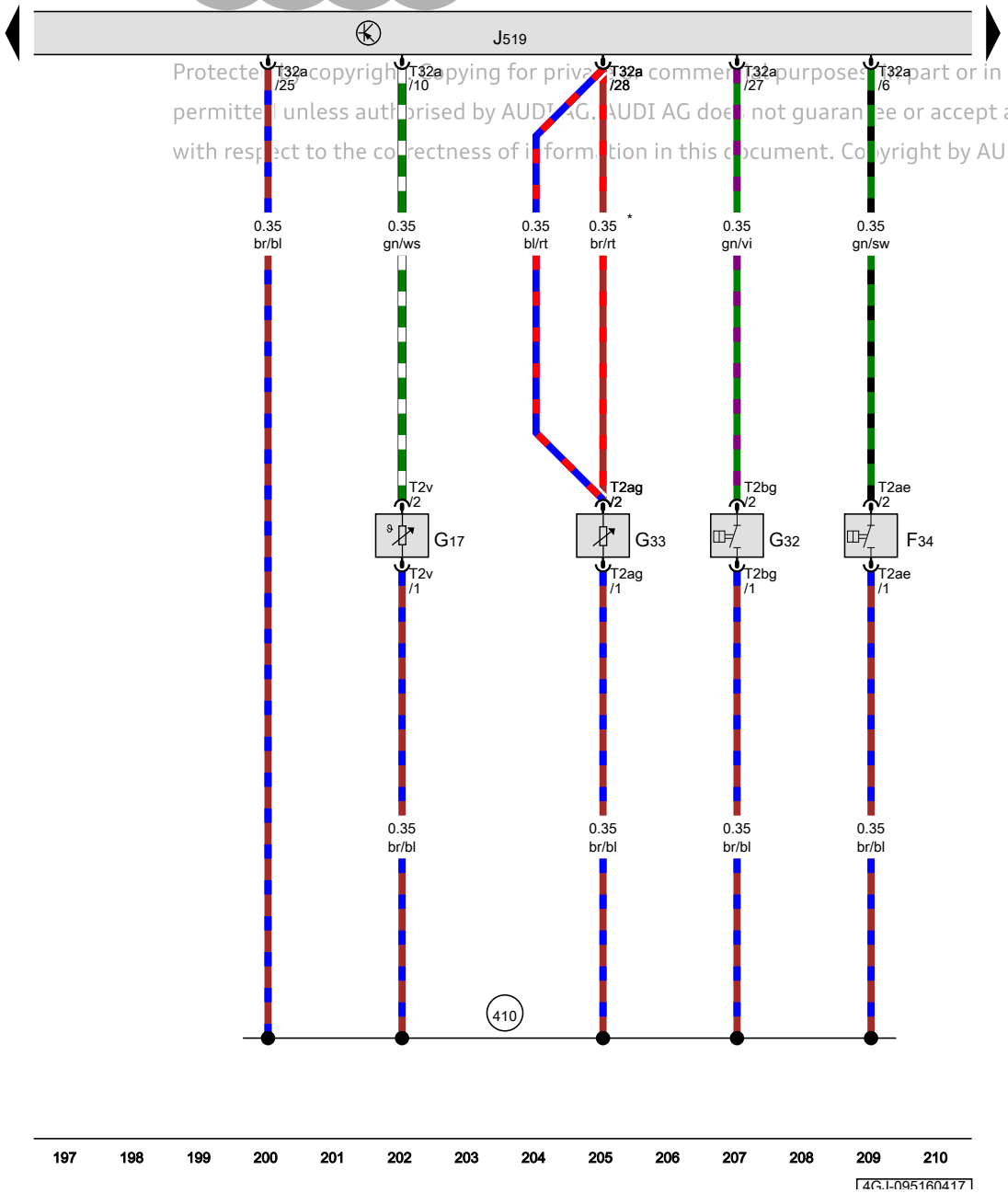
F266	Bonnet contact switch
F329	Bonnet contact switch 2
J519	Onboard supply control unit
T2af	2-pin connector
T2ay	2-pin connector
T32a	32-pin connector
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
380	Earth connection 15, in main wiring harness
B473	Connection 9, in main wiring harness
*	Only models with hybrid drive system



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or	=	orange
rs	=	pink

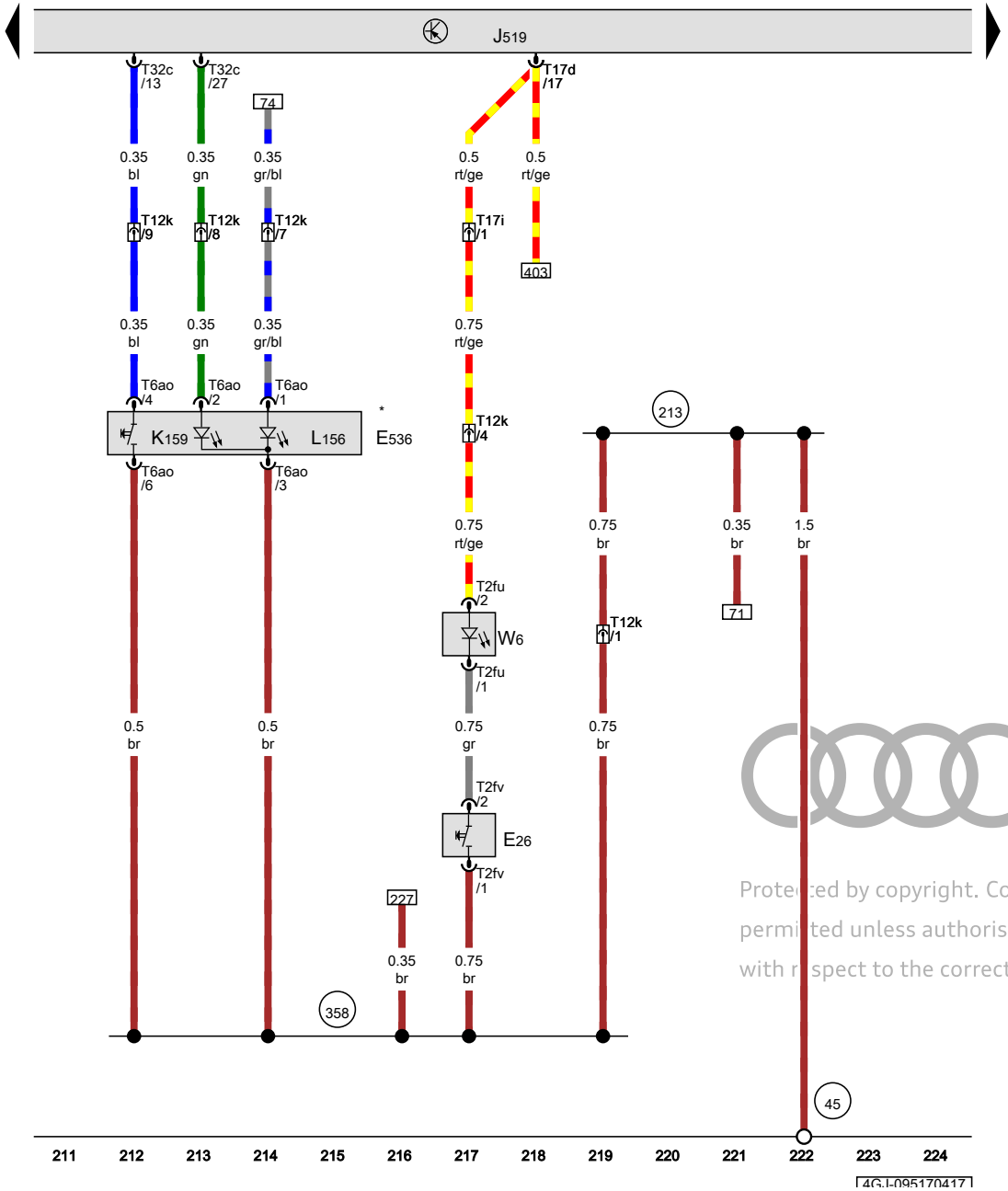
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Brake fluid level warning contact, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit

F34	Brake fluid level warning contact
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2ae	2-pin connector
T2ag	2-pin connector
T2bg	2-pin connector
T2v	2-pin connector
T32a	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	Only models with headlight washer system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

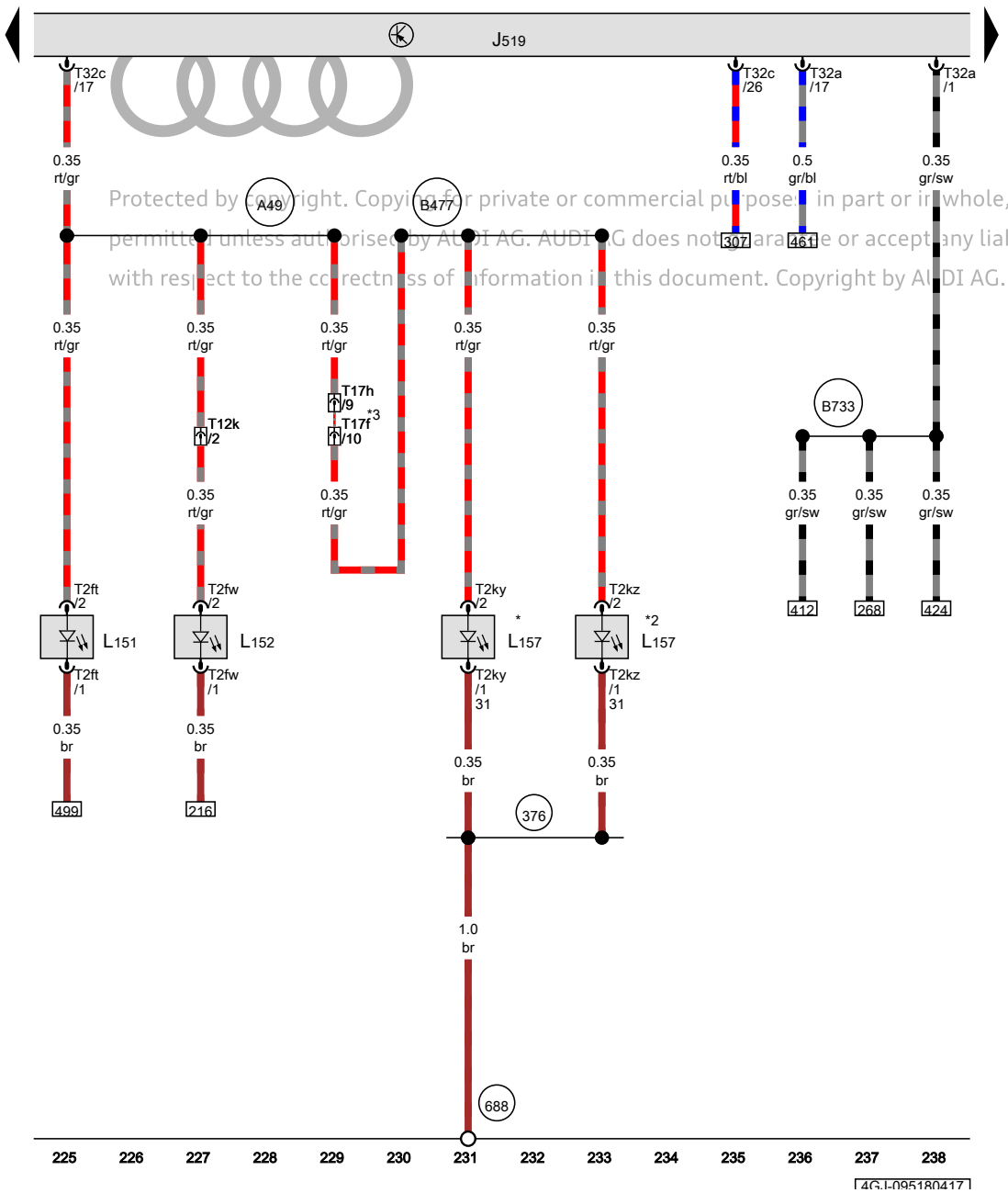


Glove compartment light switch, Valet parking button, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
E536	Valet parking button
J519	Onboard supply control unit
K159	Valet parking warning lamp
L156	Switch illumination bulb
T2fu	2-pin connector
T2fv	2-pin connector
T6ao	6-pin connector
T12k	12-pin connector, behind glove compartment
T17d	17-pin connector
T17i	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
W6	Glove compartment light
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
358	Earth connection, in glove compartment wiring harness
*	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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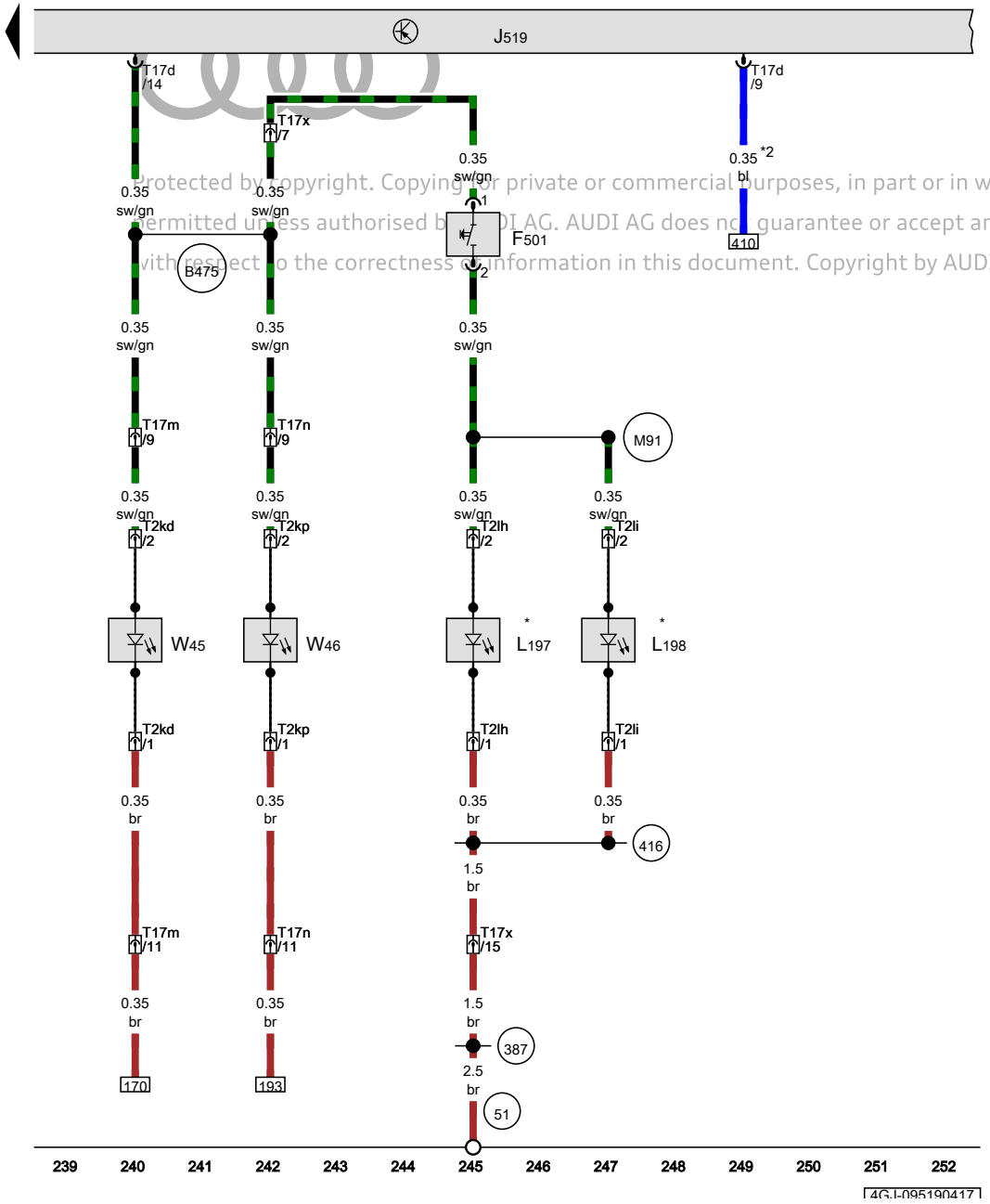


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rs = pink

Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Centre armrest illumination bulb

J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
L157	Centre armrest illumination bulb
T2ft	2-pin connector
T2fw	2-pin connector
T2ky	2-pin connector
T2kz	2-pin connector
T12k	12-pin connector, behind glove compartment
T17f	17-pin connector, in left A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32c	32-pin connector
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
A49	Connection 1, in dash panel wiring harness
B477	Connection 13, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	left
*2	right
*3	According to equipment

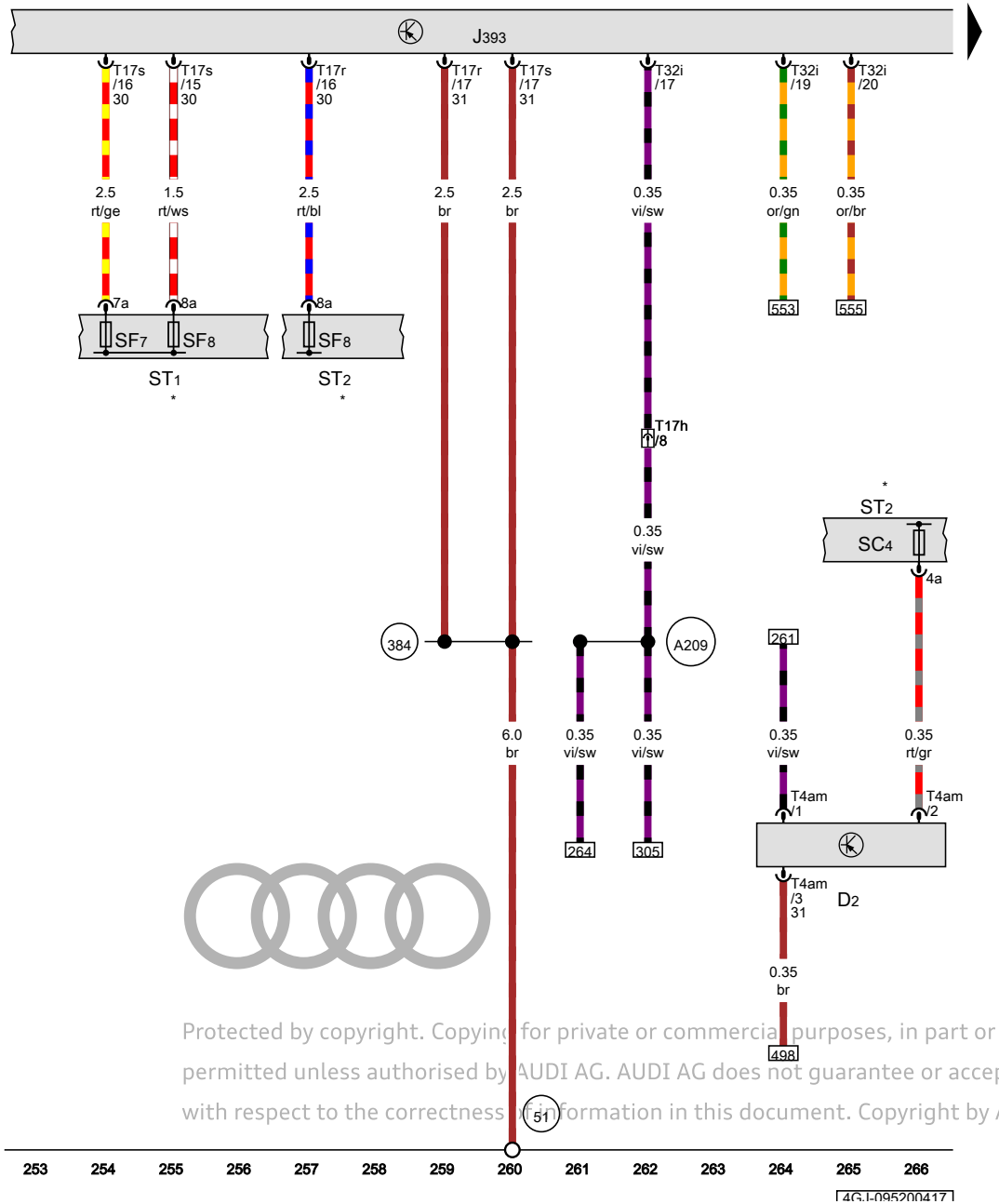


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rs = pink

Contact switch for rear centre console ambient lighting, Onboard supply control unit, Light 1 for rear centre console background lighting, Light 2 for rear centre console background lighting, Rear left footwell light, Rear right footwell light

F501	Contact switch for rear centre console ambient lighting
J519	Onboard supply control unit
L197	Light 1 for rear centre console background lighting
L198	Light 2 for rear centre console background lighting
T2kd	2-pin connector
T2kp	2-pin connector
T2lh	2-pin connector
T2li	2-pin connector
T17d	17-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T17n	17-pin connector, in coupling point for front seat, right
T17x	17-pin connector, in coupling point for rear centre armrest
W45	Rear left footwell light
W46	Rear right footwell light
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
416	Earth connection, in rear armrest wiring harness
B475	Connection 11, in main wiring harness
M91	Connection (58d), in rear armrest wiring harness
*	Only models with additional lights
*2	Wiring colour depends on equipment



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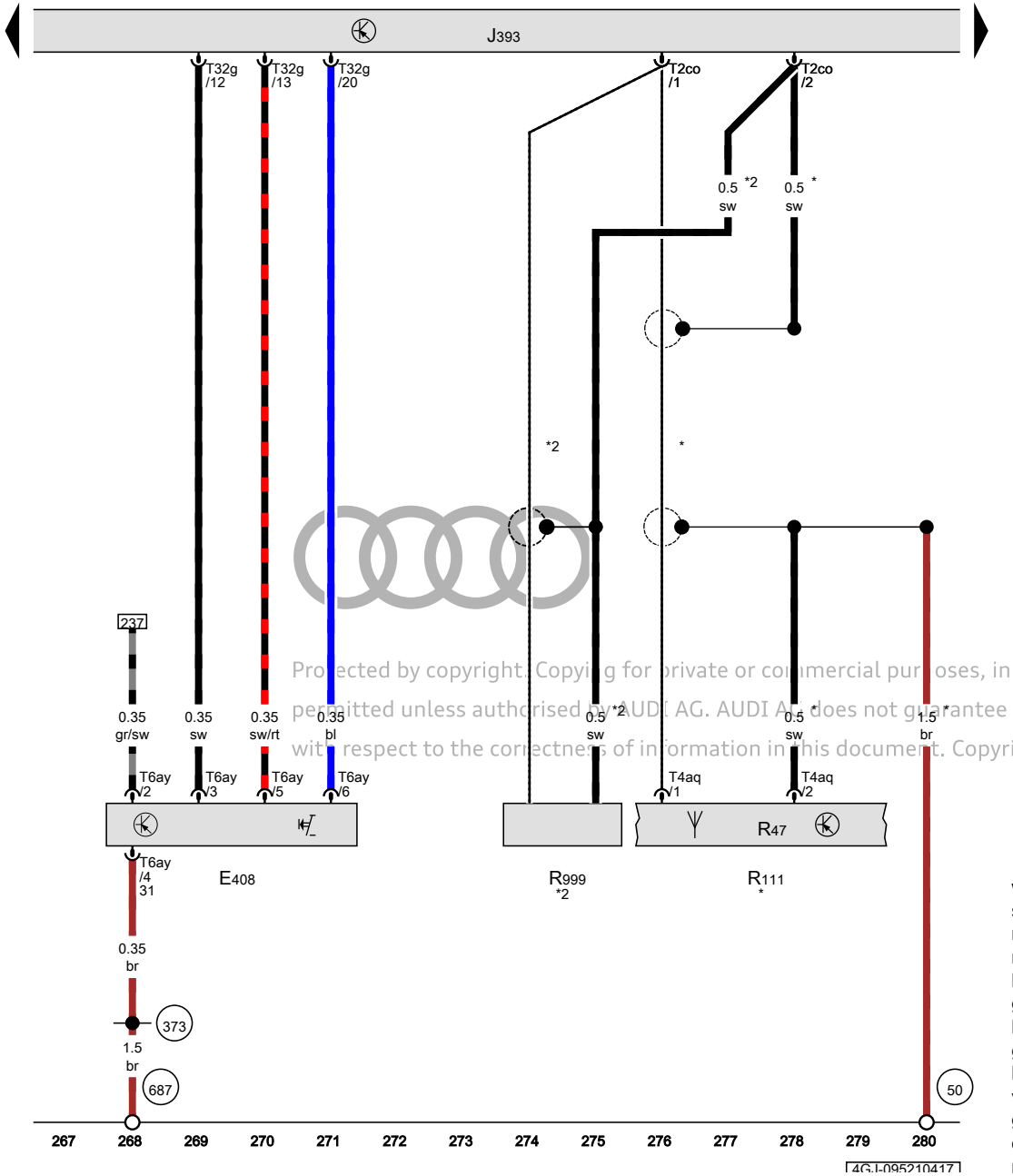
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Immobiliser reader coil, Convenience system central control unit

D2	Immobiliser reader coil
J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T4am	4-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

Entry and start authorisation button, Convenience system central control unit, Central locking and anti-theft alarm system aerial

E408	Entry and start authorisation button
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R111	Aerial amplifier 2
R999	Wiring open end, in rear spoiler
T2co	2-pin connector
T4aq	4-pin connector
T6ay	6-pin connector
T32g	32-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
*	Saloon
*2	Avant

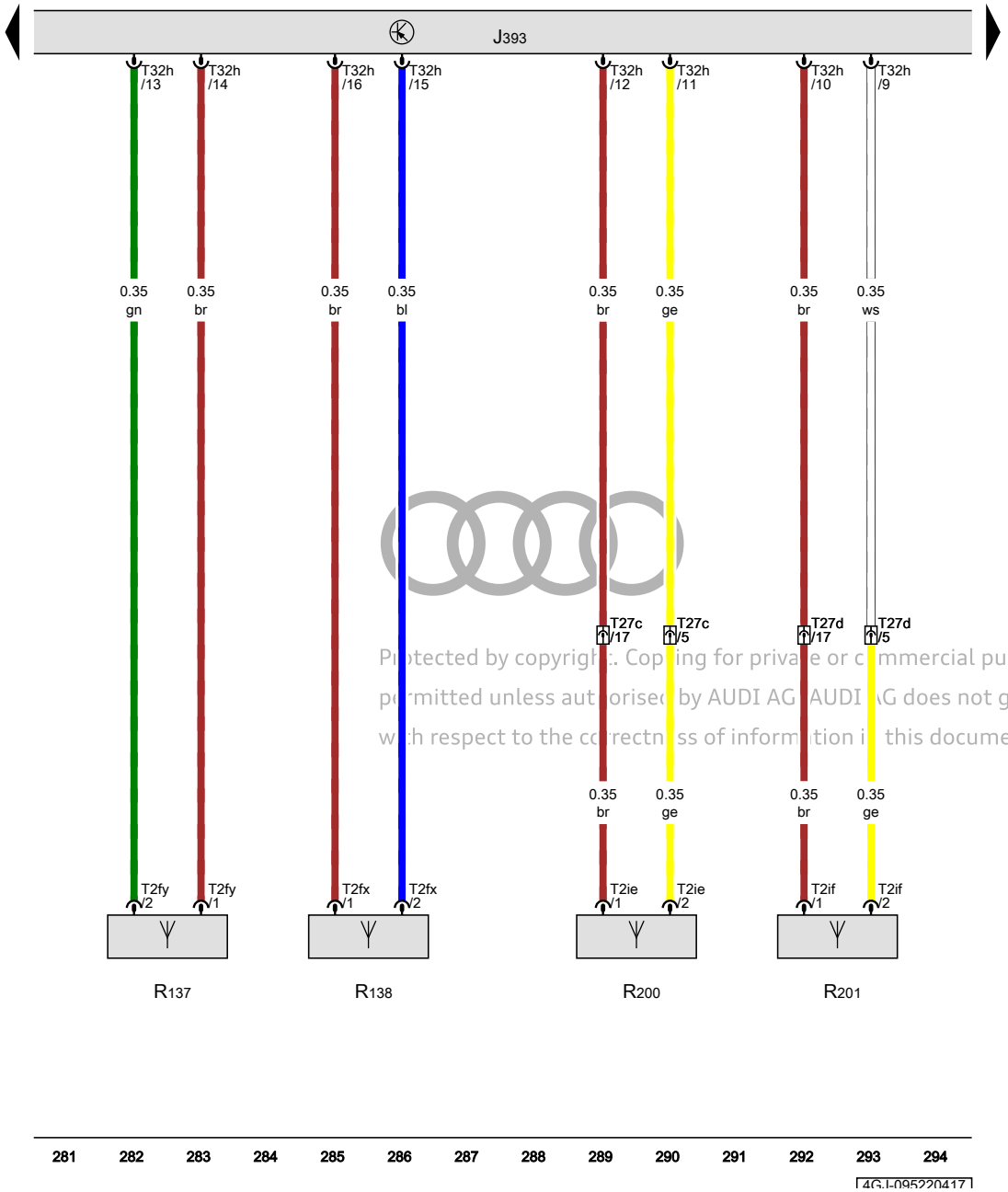


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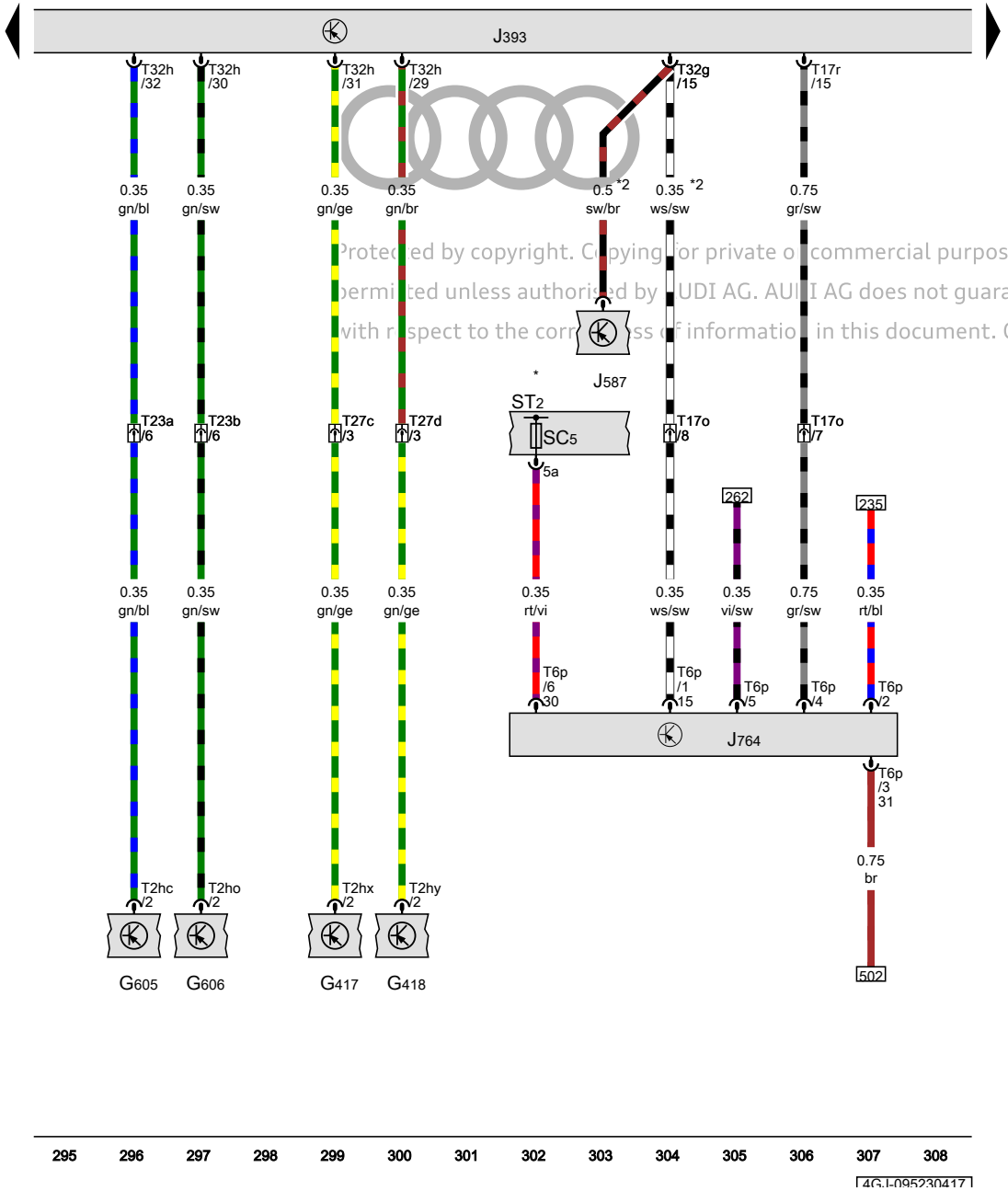
Convenience system central control unit, Interior aerial 1 for entry and start system

J393	Convenience system central control unit
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
R200	Left aerial for entry and start authorisation
R201	Right aerial for entry and start authorisation
T2fx	2-pin connector
T2fy	2-pin connector
T2ie	2-pin connector
T2if	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32h	32-pin connector



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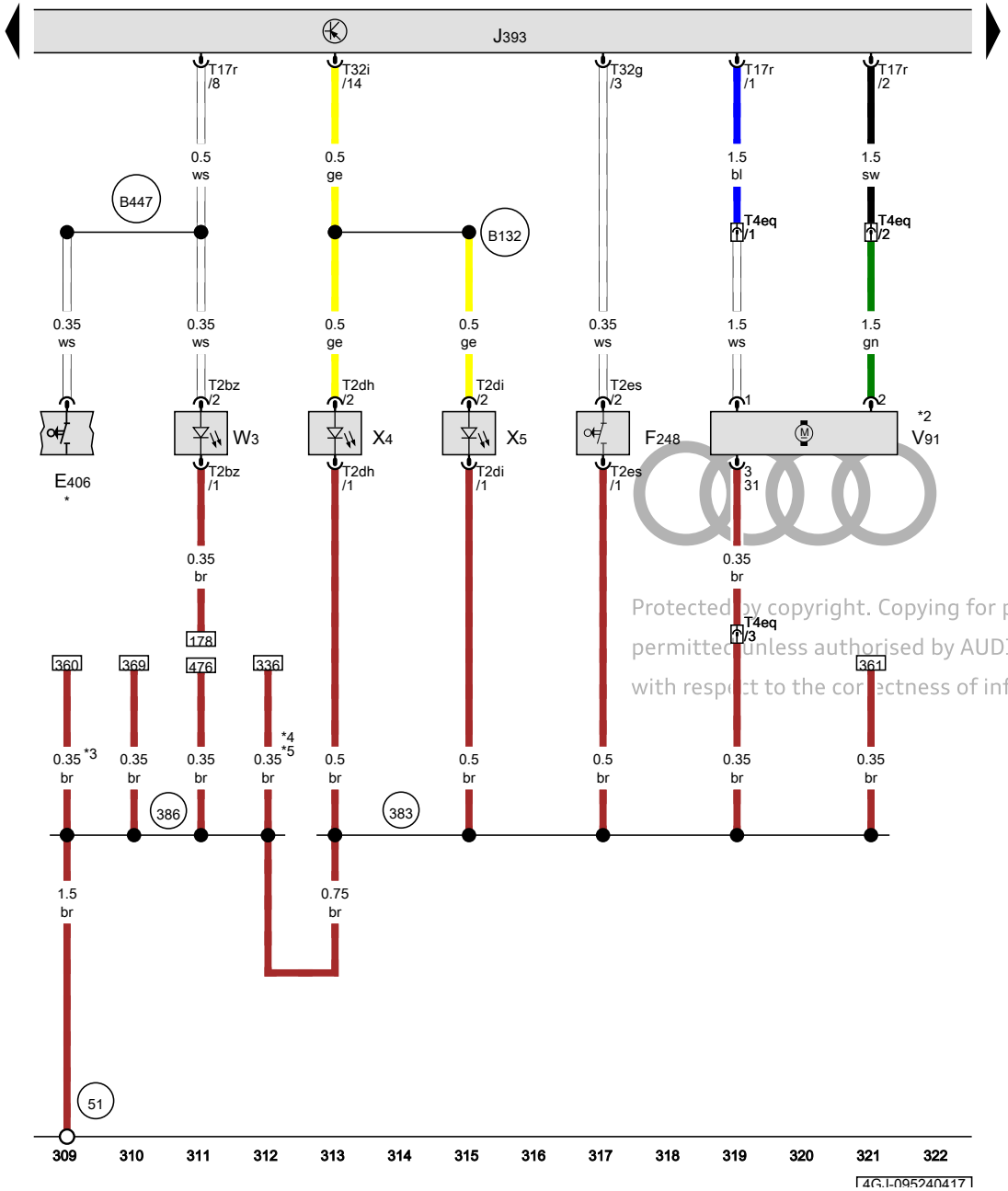


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Convenience system central control unit, Control unit for electronic steering column lock

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
J587	Selector lever sensors control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2hc	2-pin connector
T2ho	2-pin connector
T2hx	2-pin connector
T2hy	2-pin connector
T6p	6-pin connector
T17o	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32g	32-pin connector
T32h	32-pin connector
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



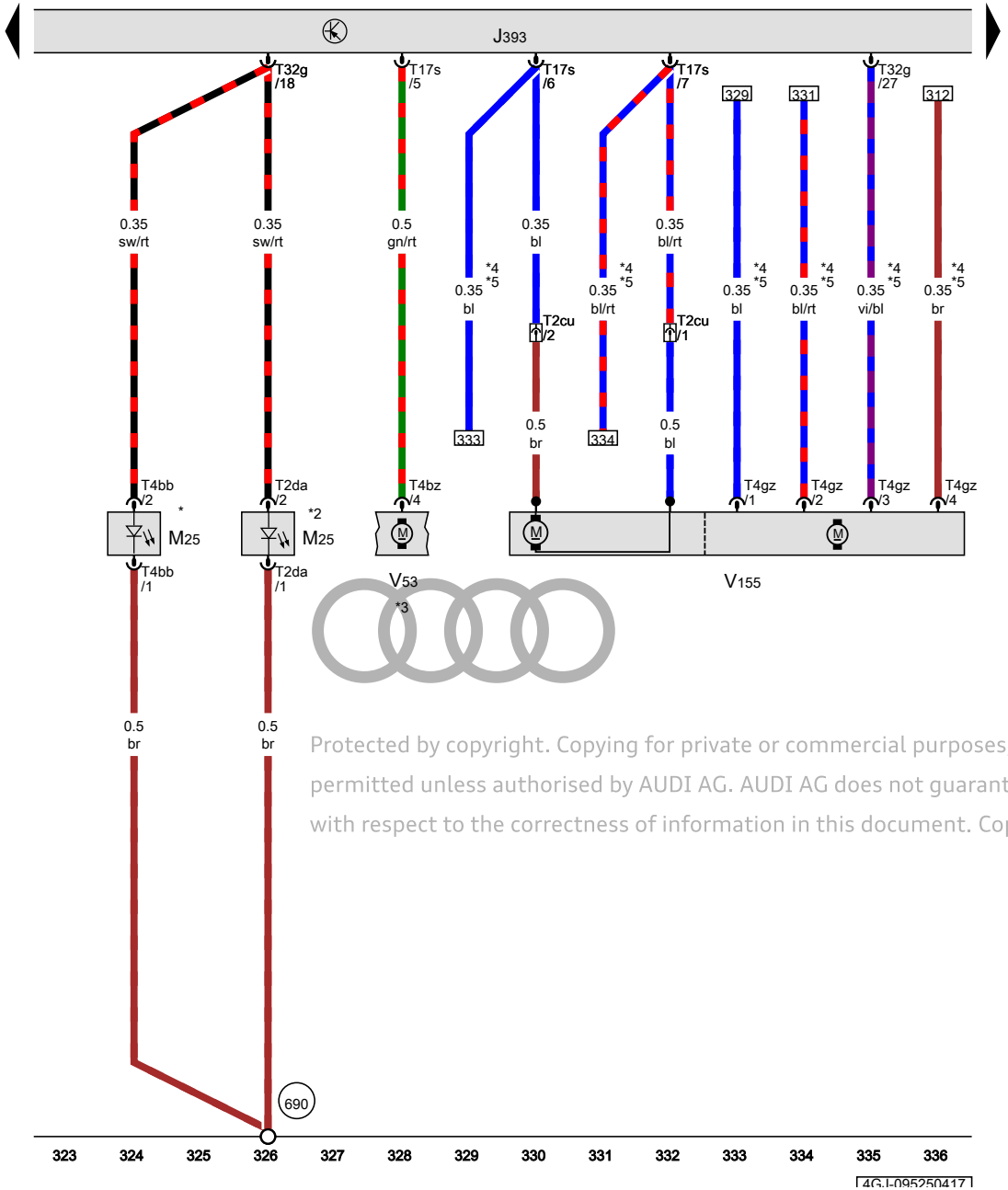
Release button for rear lid lock cylinder, Convenience system central control unit, Rear roller blind motor, Luggage compartment light, Left number plate light

E406	Button to close rear lid in luggage compartment
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2bz	2-pin connector
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4eq	4-pin connector
T17r	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V91	Rear roller blind motor
W3	Luggage compartment light
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	For models with electric rear roller blind
*3	Avant
*4	Only models with hybrid drive system
*5	From October 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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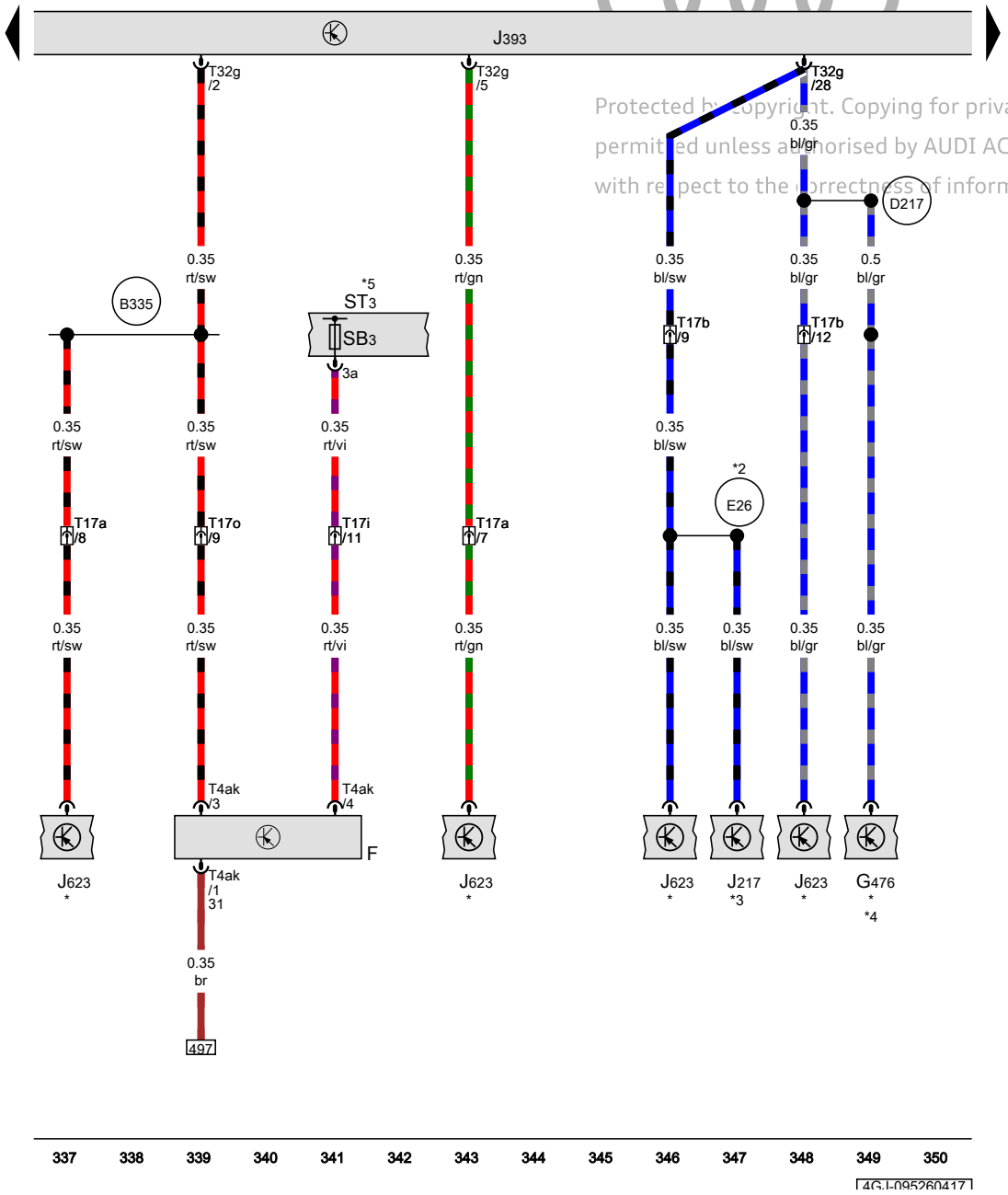
Convenience system central control unit, High-level brake light bulb, Tank filler flap locking motor



J393	Convenience system central control unit
M25	High-level brake light bulb
T2cu	2-pin connector
T2da	2-pin connector
T4bb	4-pin connector
T4bz	4-pin connector
T4gz	4-pin connector, black
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
V155	Tank filler flap locking motor
690	Earth point, rear centre roof frame
*	Only models with insulated glass
*2	Only models with heat-insulated glass
*3	see applicable current flow diagram for convenience system
*4	Only models with hybrid drive system
*5	From October 2016

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ge	=	yellow
or	=	orange
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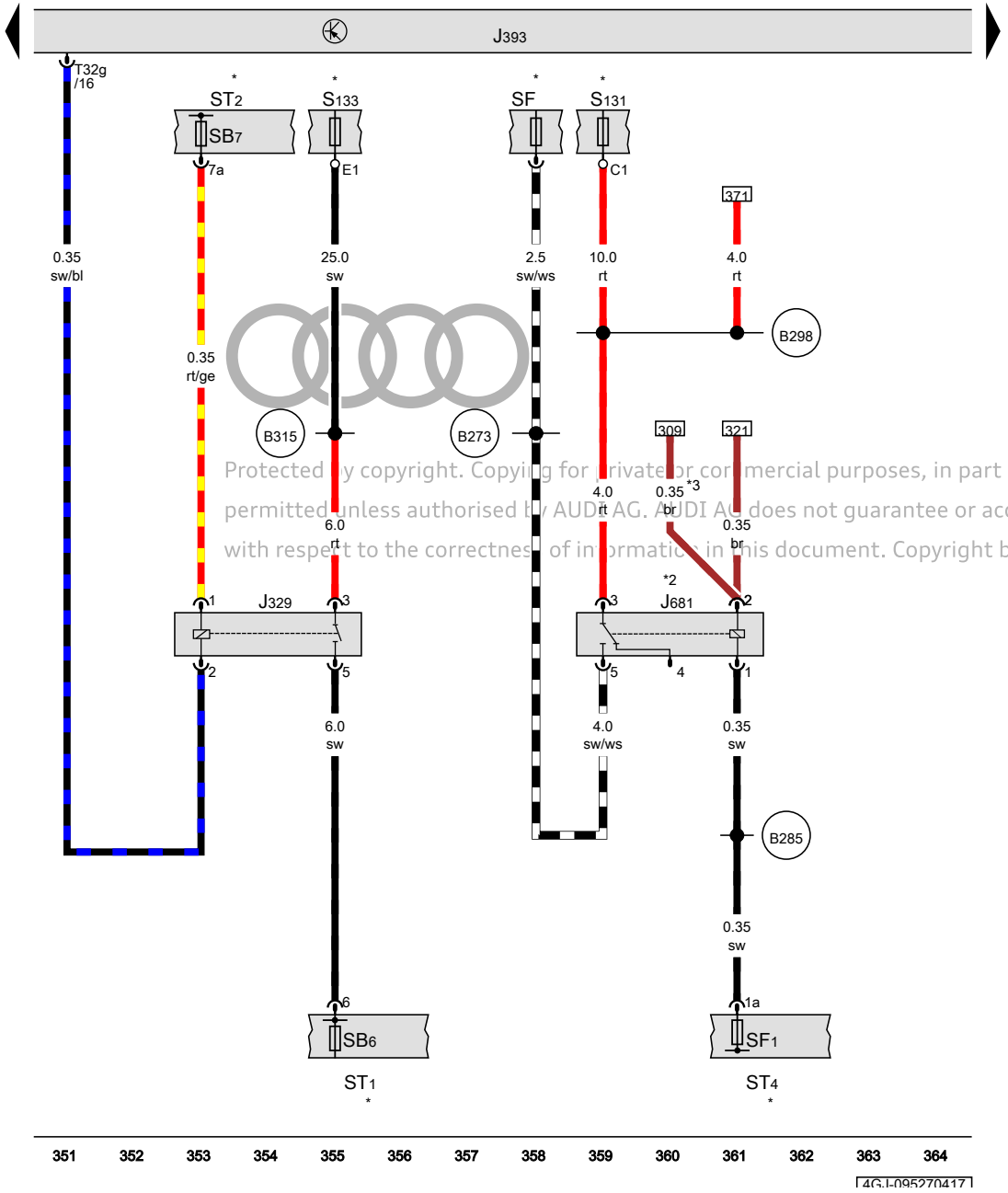


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Brake light switch, Convenience system central control unit

F	Brake light switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32g	32-pin connector
B335	Connection 1 (54), in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for engine
*2	For models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	Only models with manual gearbox
*5	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink



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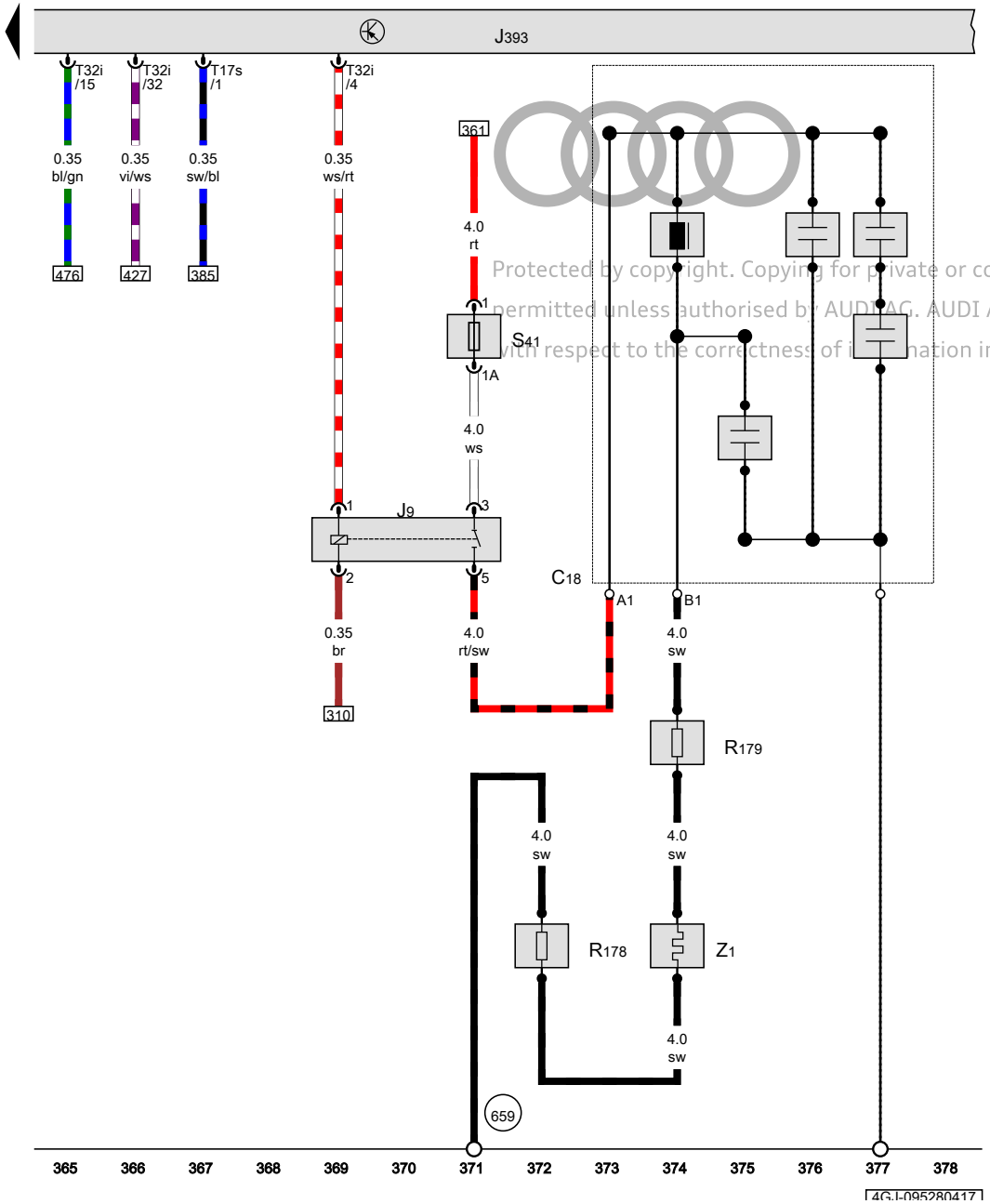
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gn = green
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ge = yellow
or = orange
rs = pink

Terminal 15 voltage supply relay, Convenience system central control unit, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
S131	Fuse 1
S133	Fuse 3
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Avant

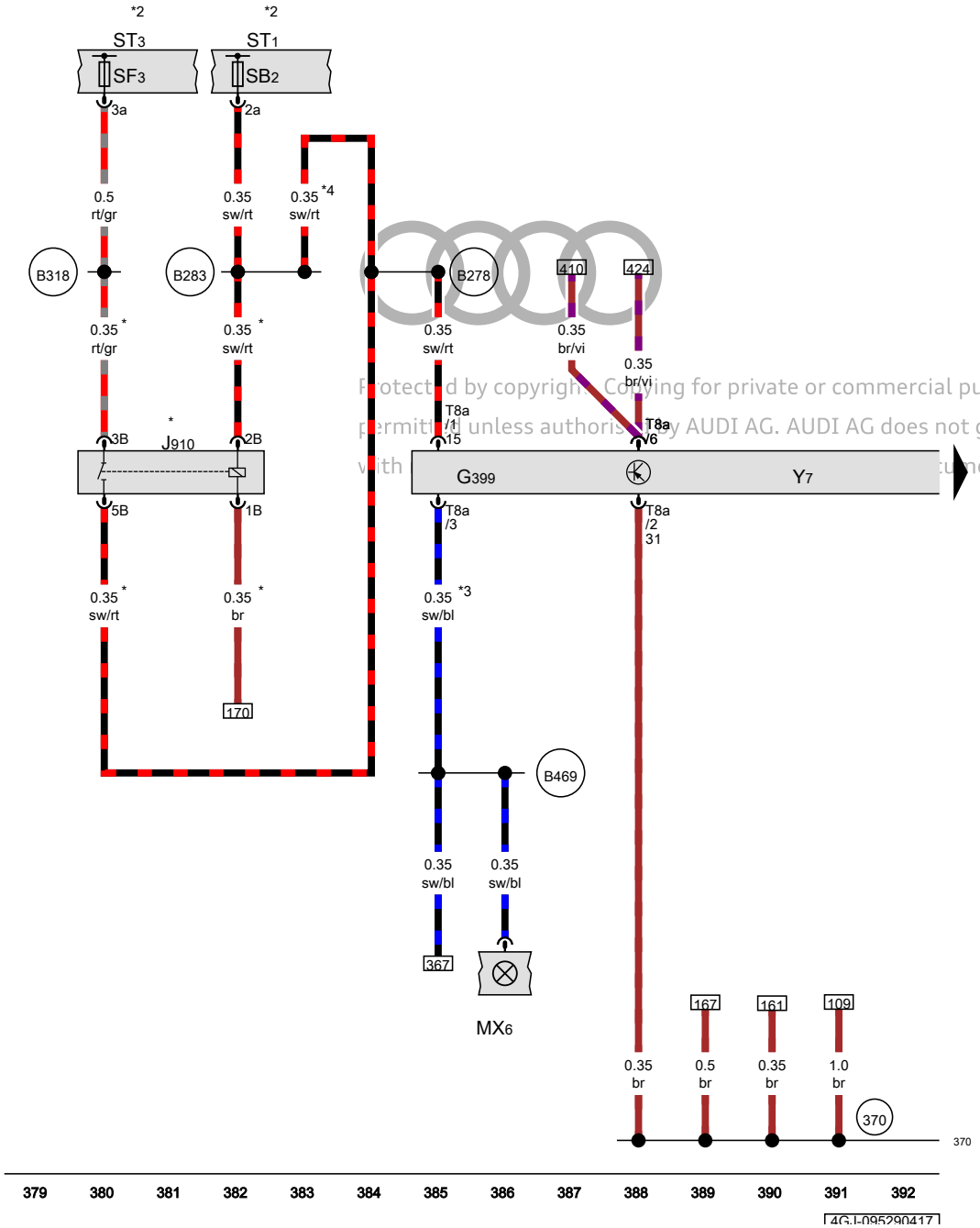
Window aerial suppression filter, Heated rear window relay, Convenience system central control unit

C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T17s	17-pin connector
T32i	32-pin connector
Z1	Heated rear window
659	Earth point 1, on right near rear window



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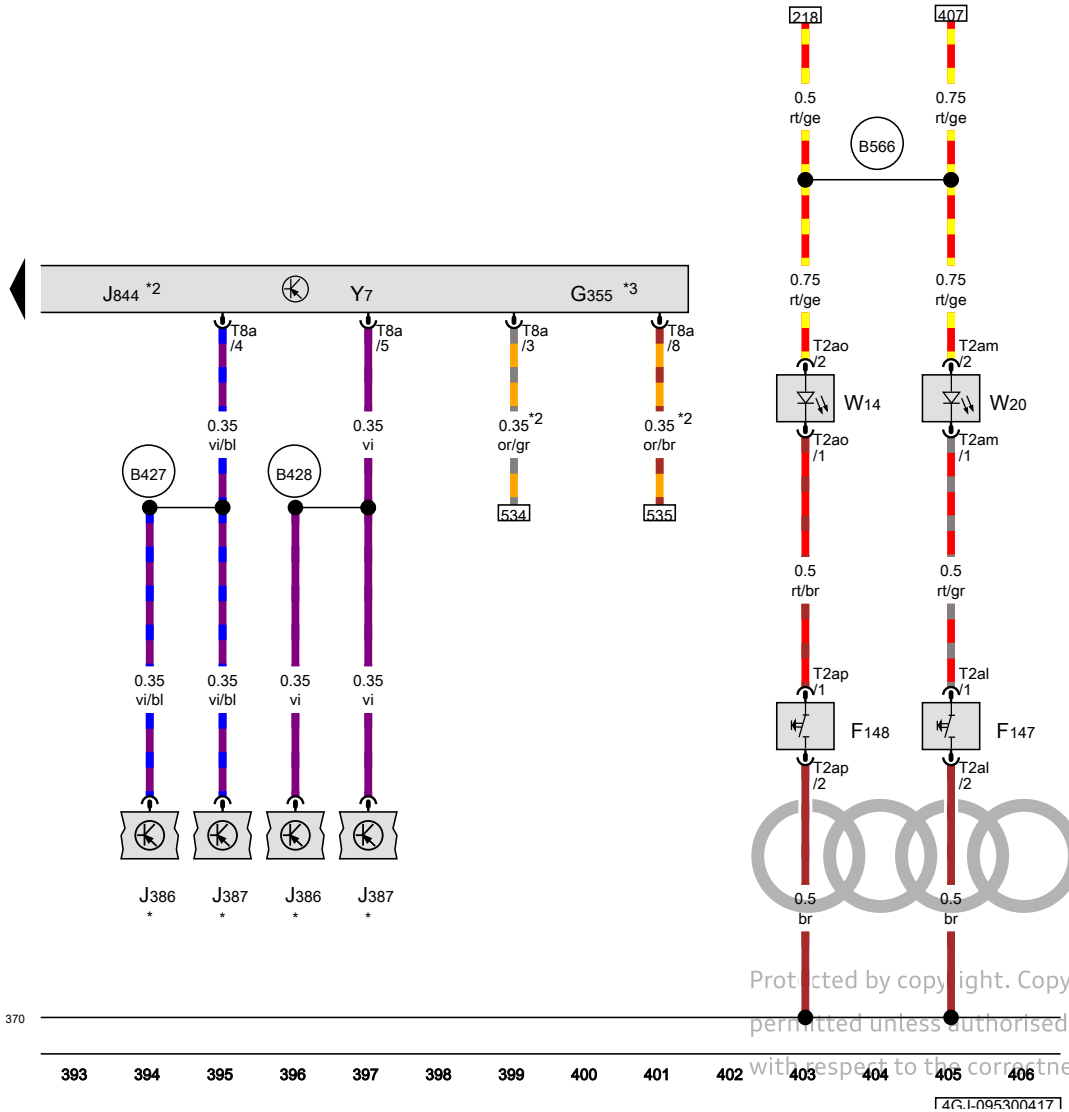


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Light sensor, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

G399	Light sensor
J910	Relay for automatic anti-dazzle interior mirror
MX6	Right tail light 2
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T8a	8-pin connector
Y7	Automatic anti-dazzle interior mirror
370	Earth connection 5, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B469	Connection 5, in main wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no main beam assist function
*4	Only models with no start/stop system

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Humidity sender, Main beam assist control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

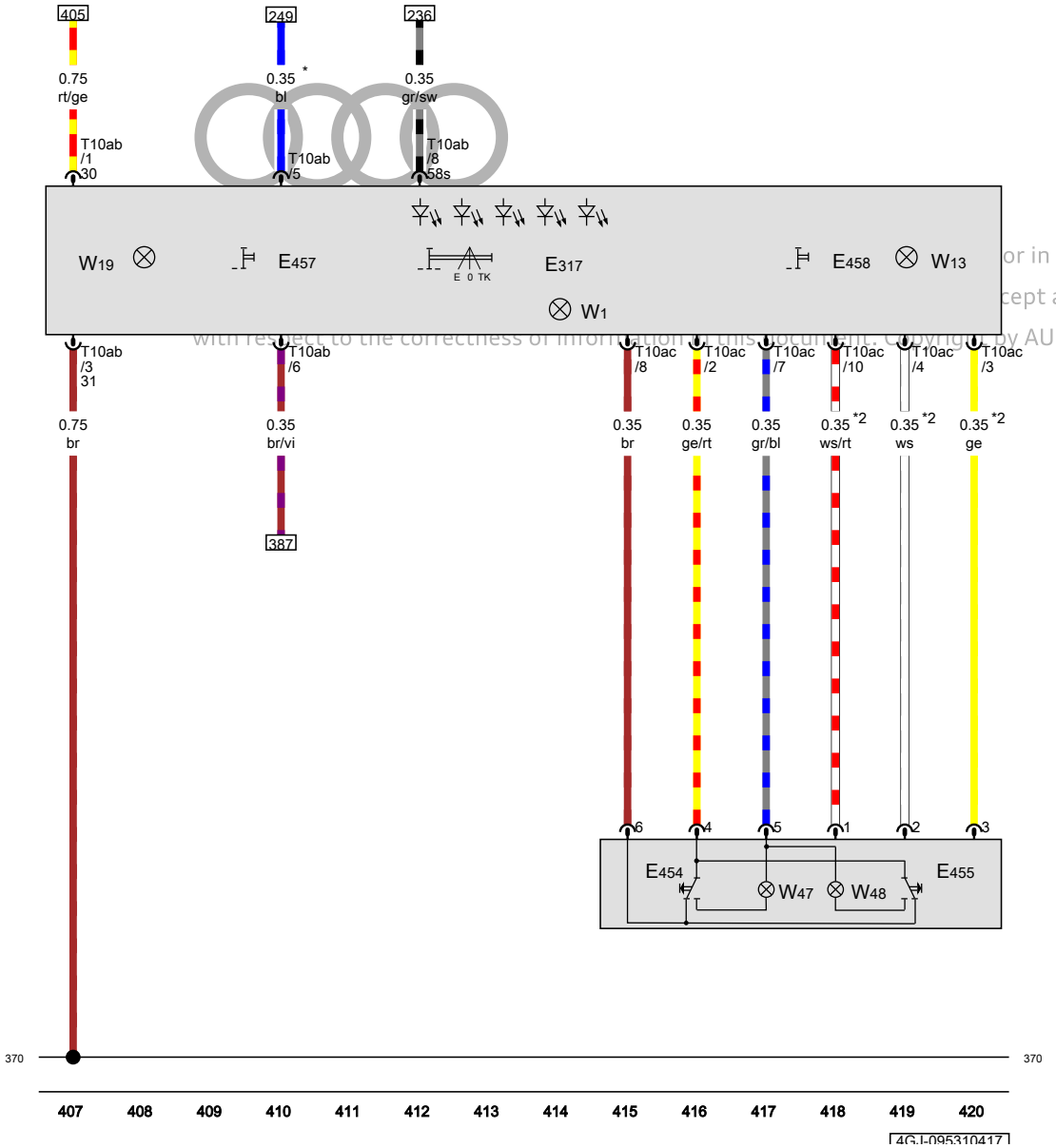
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G355	Humidity sender
J386	Driver door control unit
J387	Front passenger door control unit
J844	Main beam assist control unit
T2al	2-pin connector
T2am	2-pin connector
T2ao	2-pin connector
T2ap	2-pin connector
T8a	8-pin connector
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
Y7	Automatic anti-dazzle interior mirror
370	Earth connection 5, in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
B566	Connection 33, in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only models with main beam assist
*3	Only models with humidity sender

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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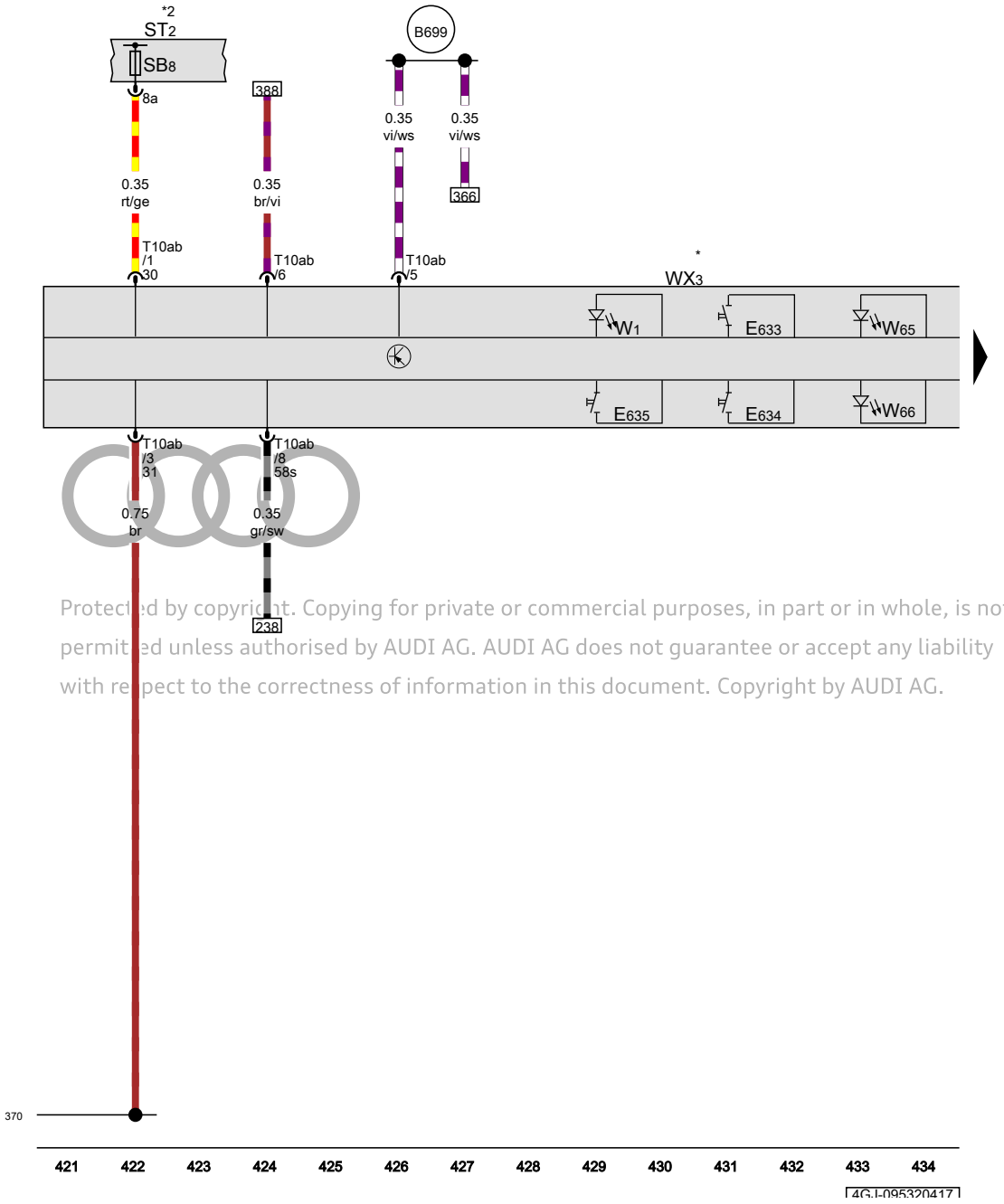
Front passenger reading light, Driver side reading light

E317	Interior light switch
E454	Rear left reading light button
E455	Rear right reading light button
E457	Driver side reading light button
E458	Front passenger side reading light button
T10ab	10-pin connector
T10ac	10-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
W47	Rear left interior light
W48	Rear right interior light
370	Earth connection 5, in main wiring harness
*	Wiring colour depends on equipment
*2	Wire with no function



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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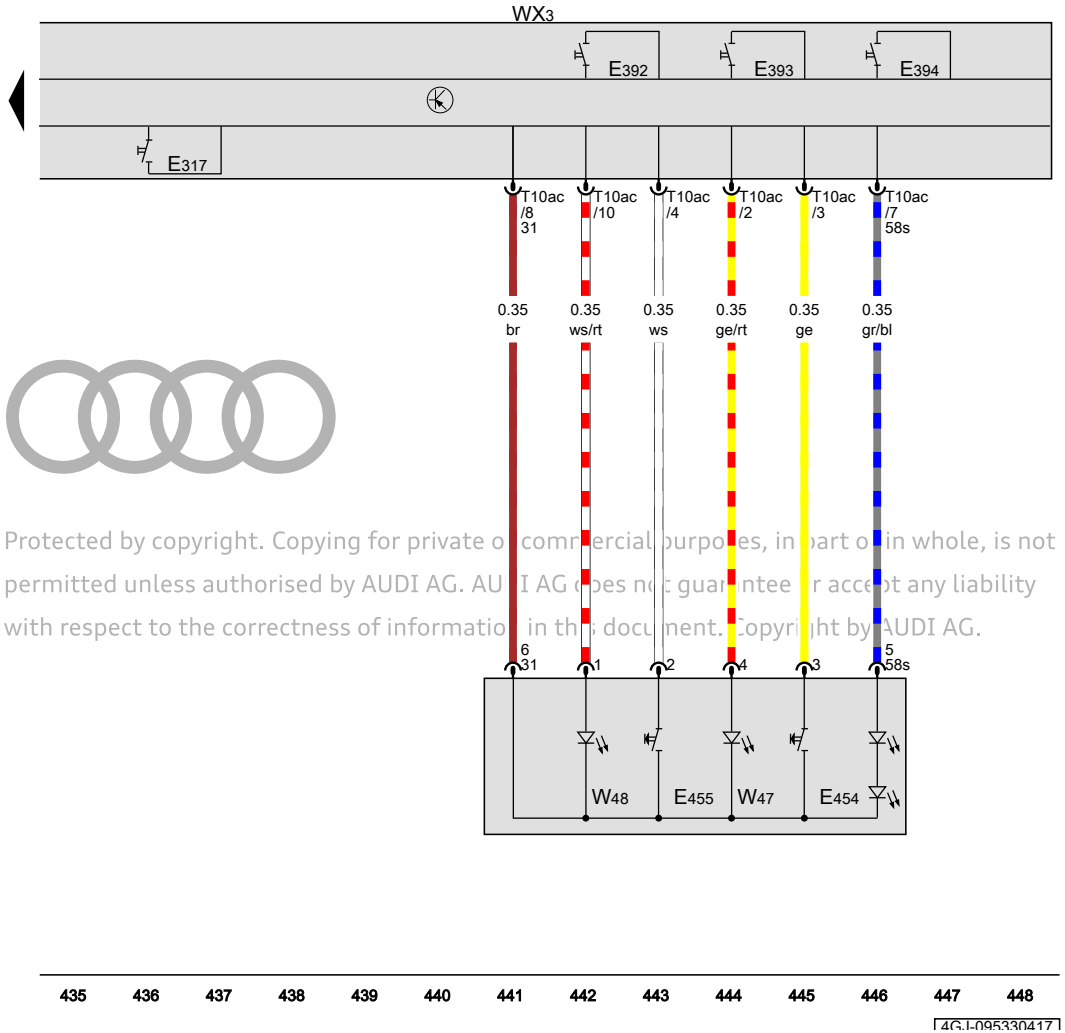
Front interior light, Front roof module

E633	Front left reading light button
E634	Front right reading light button
E635	Front button for rear reading light
ST2	Fuse carrier 2
SB8	Fuse 8 on fuse holder B
T10ab	10-pin connector
W1	Front interior light
WX3	Front roof module
W65	Front left reading light
W66	Front right reading light
370	Earth connection 5, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	Only models with Highline equipment
*2	see applicable current flow diagram for fuse assignment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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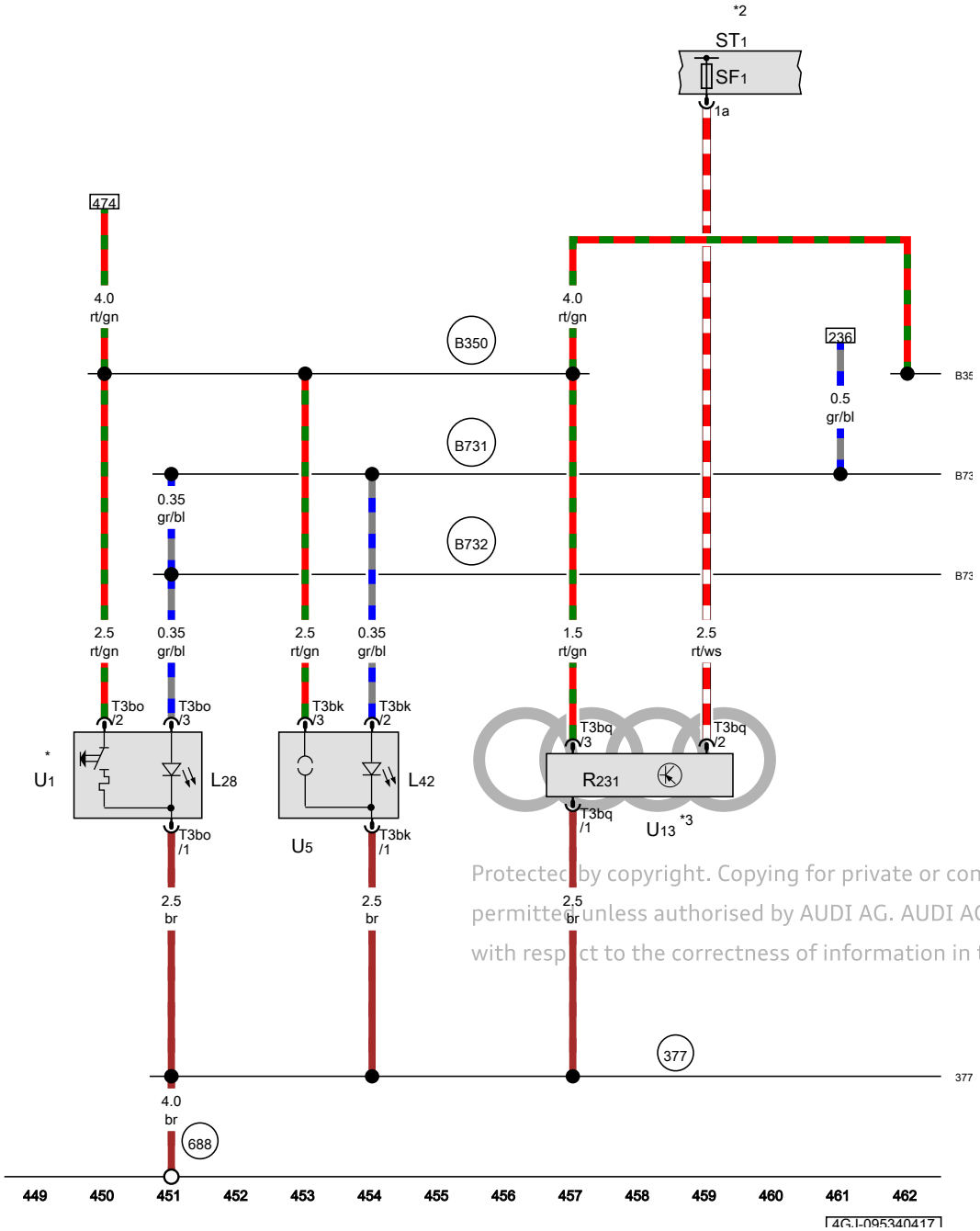
Front roof module, Rear right interior light

E317	Interior light switch
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
E454	Rear left reading light button
E455	Rear right reading light button
T10ac	10-pin connector
WX3	Front roof module
W47	Rear left interior light
W48	Rear right interior light



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Cigarette lighter, 12 V socket, DC/AC converter with socket, 12 V - 230 V

L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
R231	Connection 2 for external audio sources
ST1	Fuse carrier 1
SF1	Fuse 1 in fuse holder F
T3bk	3-pin connector
T3bo	3-pin connector
T3bq	3-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in centre console
U13	DC/AC converter with socket, 12 V - 230 V
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B350	Positive connection 1 (87a) in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models
*2	see applicable current flow diagram for fuse assignment
*3	Only models with equipment for China

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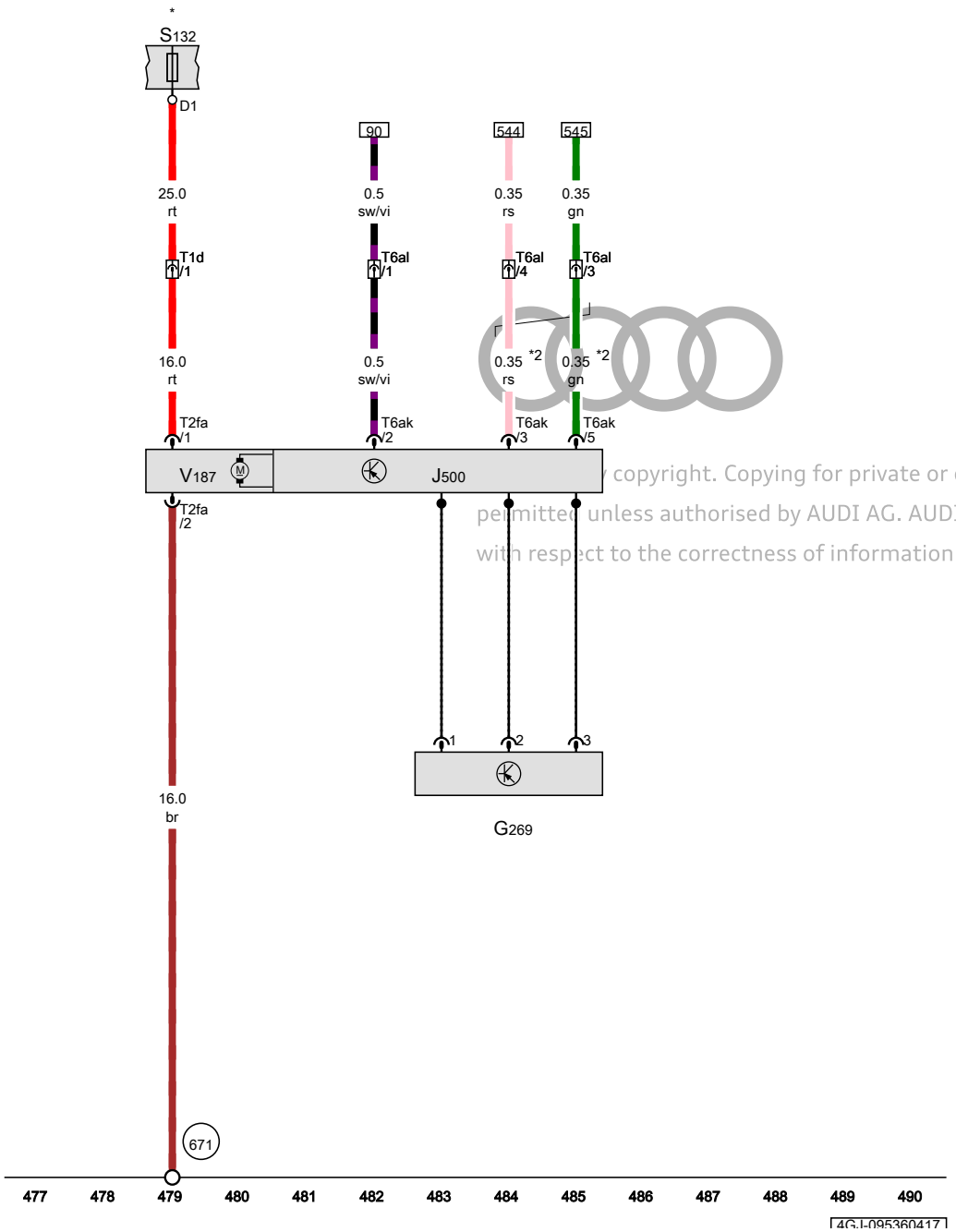
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Relay for power sockets, Rear cigarette lighter, 12 V socket 2, 12 V socket 3

J807	Relay for power sockets
L32	Rear cigarette lighter illumination bulb
L42	Socket illumination bulb
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
T3bl	3-pin connector
T3bm	3-pin connector
T3bn	3-pin connector
T3bp	3-pin connector
U9	Rear cigarette lighter, in rear centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3, in luggage compartment
U20	12 V socket 4, in rear centre console
51	Earth point, on right in luggage compartment
377	Earth connection 12, in main wiring harness
385	Earth connection 20, in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models
*2	see applicable current flow diagram for fuse assignment
*3	Only models with hybrid drive system
*4	From October 2016

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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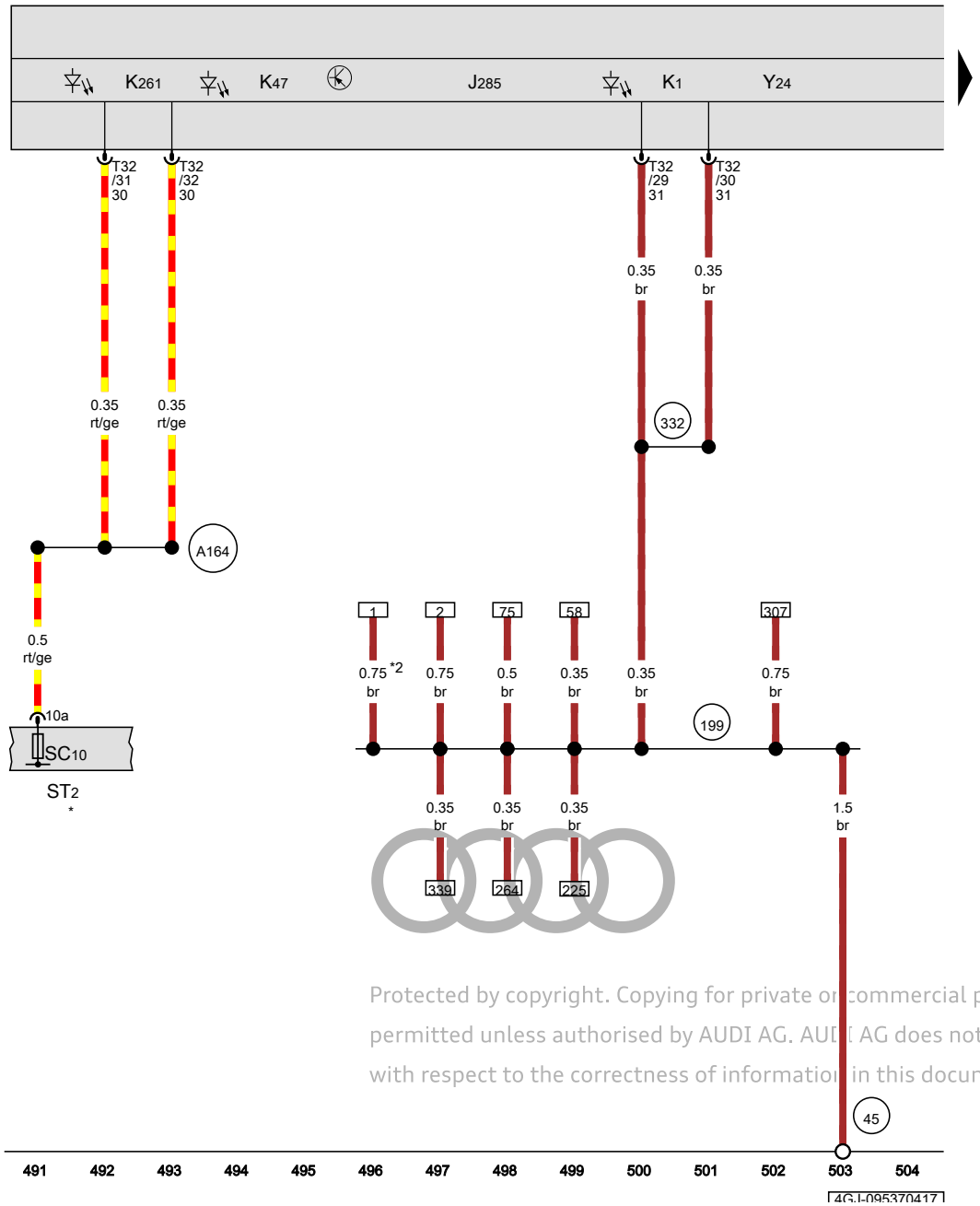


Power steering control unit

G269	Steering moment sender
J500	Power steering control unit
S132	Fuse 2
T1d	1-pin connector, on front left on vehicle floor
T2fa	2-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (FlexRay bus)

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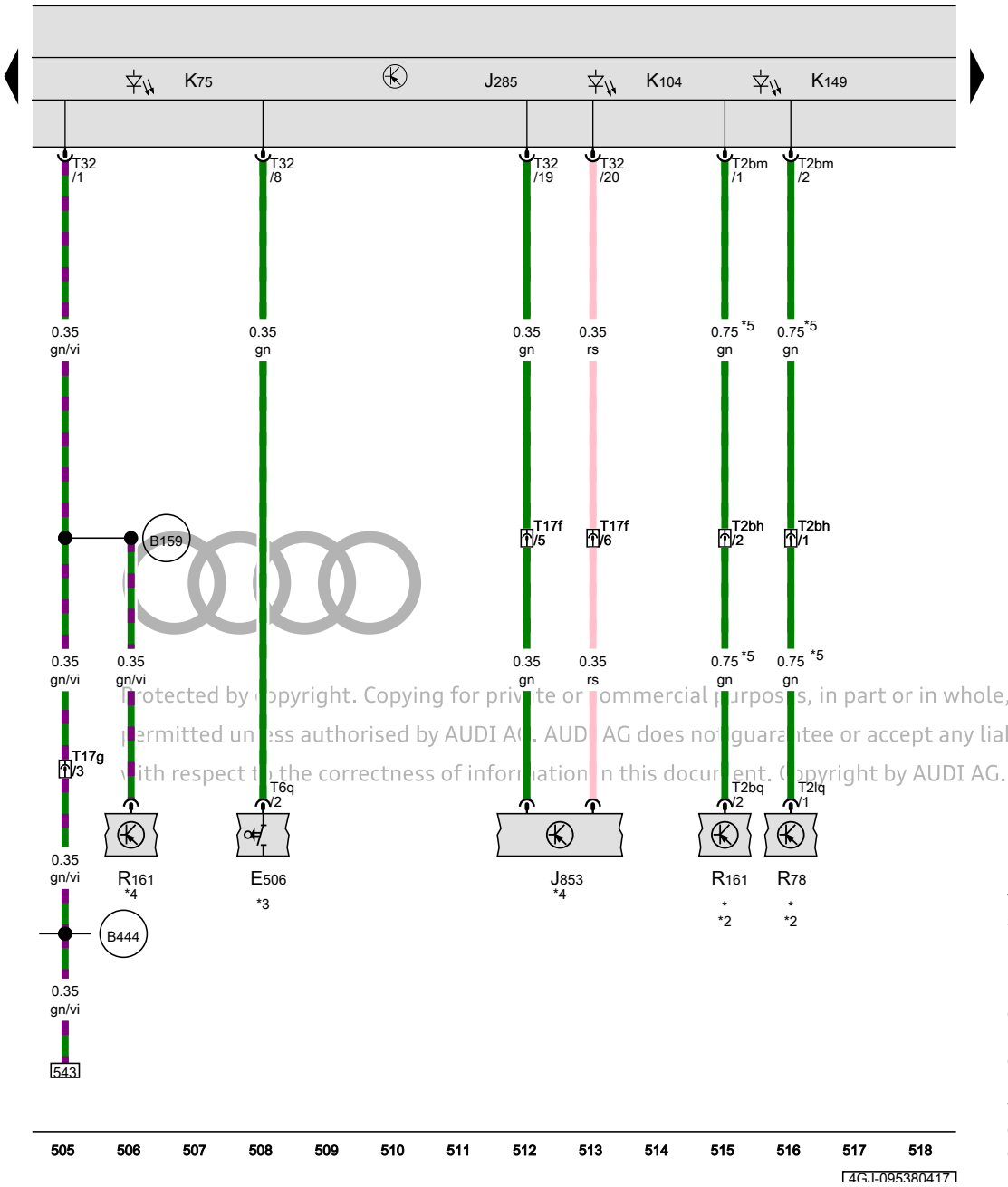
Control unit in dash panel insert

J285	Control unit in dash panel insert
K1	Main beam warning lamp
K47	ABS warning lamp
K261	Warning lamp for left turn signal
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
T32	32-pin connector
Y24	Display in dash panel insert
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
332	Earth connection 4, in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with heated steering wheel

ws	=	white
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Display unit button, Control unit in dash panel insert



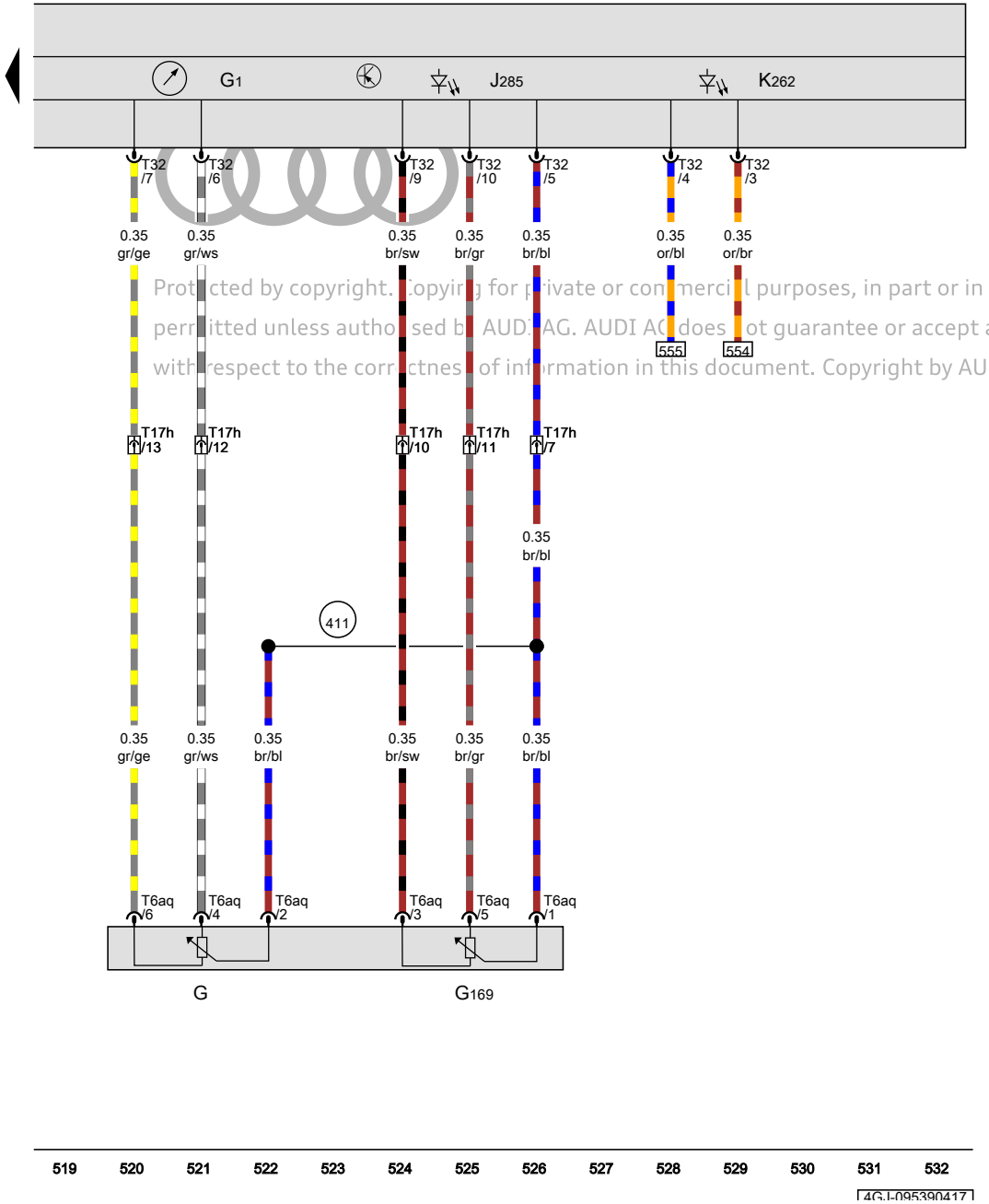
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E506	Display unit button
J285	Control unit in dash panel insert
J853	Control unit for night vision system
K75	Airbag warning lamp
K104	Diesel electronics warning lamp
K149	Engine electronics warning lamp
R78	TV tuner
R161	DVD changer
T2bh	2-pin connector, Centre console, front right
T2bm	2-pin connector
T2bq	2-pin connector
T2lq	2-pin connector
T6q	6-pin connector
T17f	17-pin connector, in left A-pillar coupling station
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for data bus network
*3	see applicable current flow diagram for MMI (information electronics)
*4	see applicable current flow diagram
*5	Fibre optic cable (FOC)

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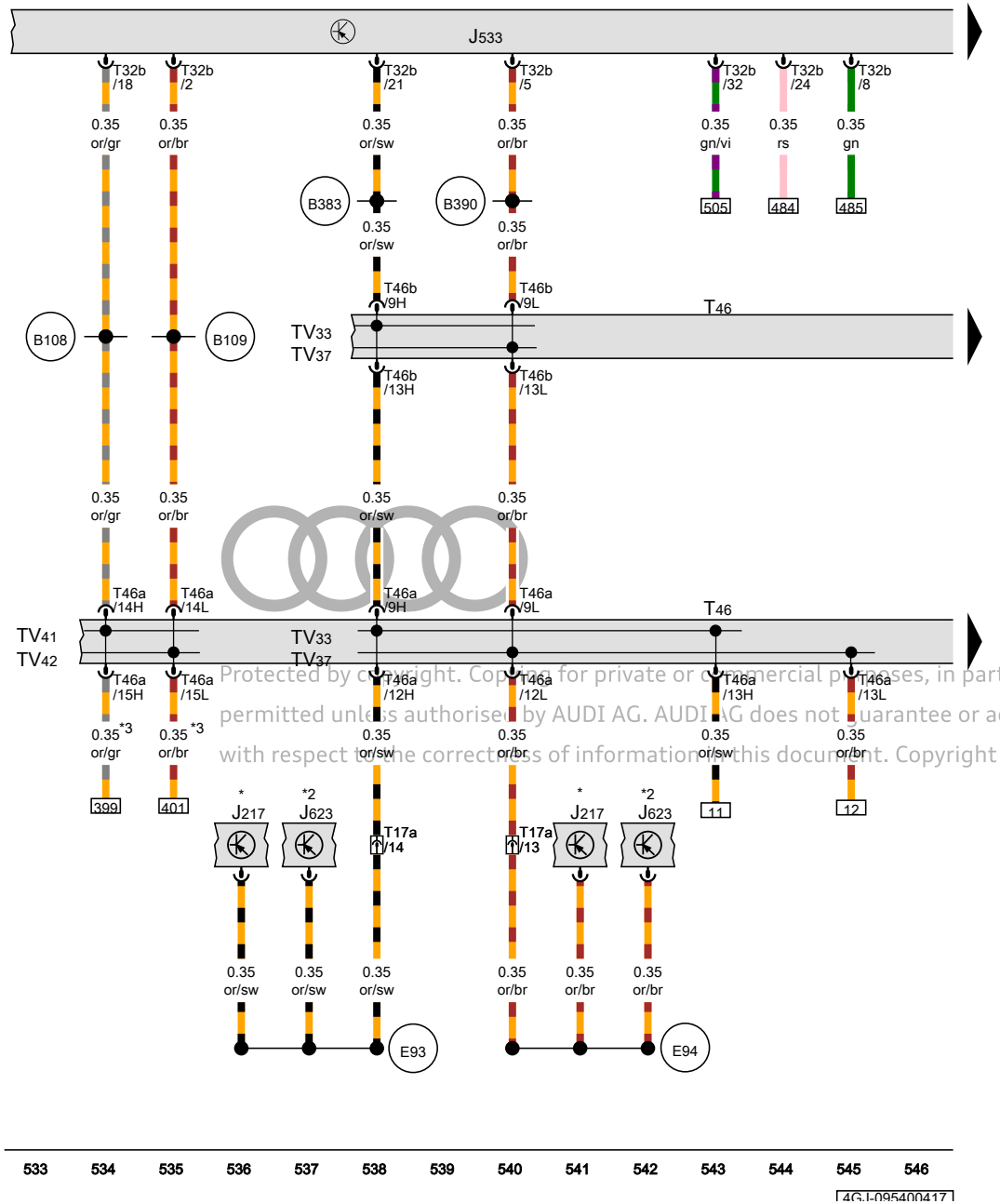
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K262	Warning lamp for right turn signal
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T32	32-pin connector
411	Earth connection 2 (sender earth) in main wiring harness



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Data bus diagnostic interface

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
J623 Engine control unit
T17a 17-pin connector, Coupling station, E-box on left in plenum chamber
T32b 32-pin connector
T46a 46-pin connector
T46b 46-pin connector
TV33 Wiring junction for powertrain CAN bus, high
TV37 Wiring junction for powertrain CAN bus, low
TV41 Wiring junction for CAN bus extended high
TV42 Wiring junction for CAN bus extended low
T46 46-pin connector

B108 Connection 1 (CAN bus extended high), in main wiring harness

B109 Connection 1 (CAN bus extended low), in main wiring harness

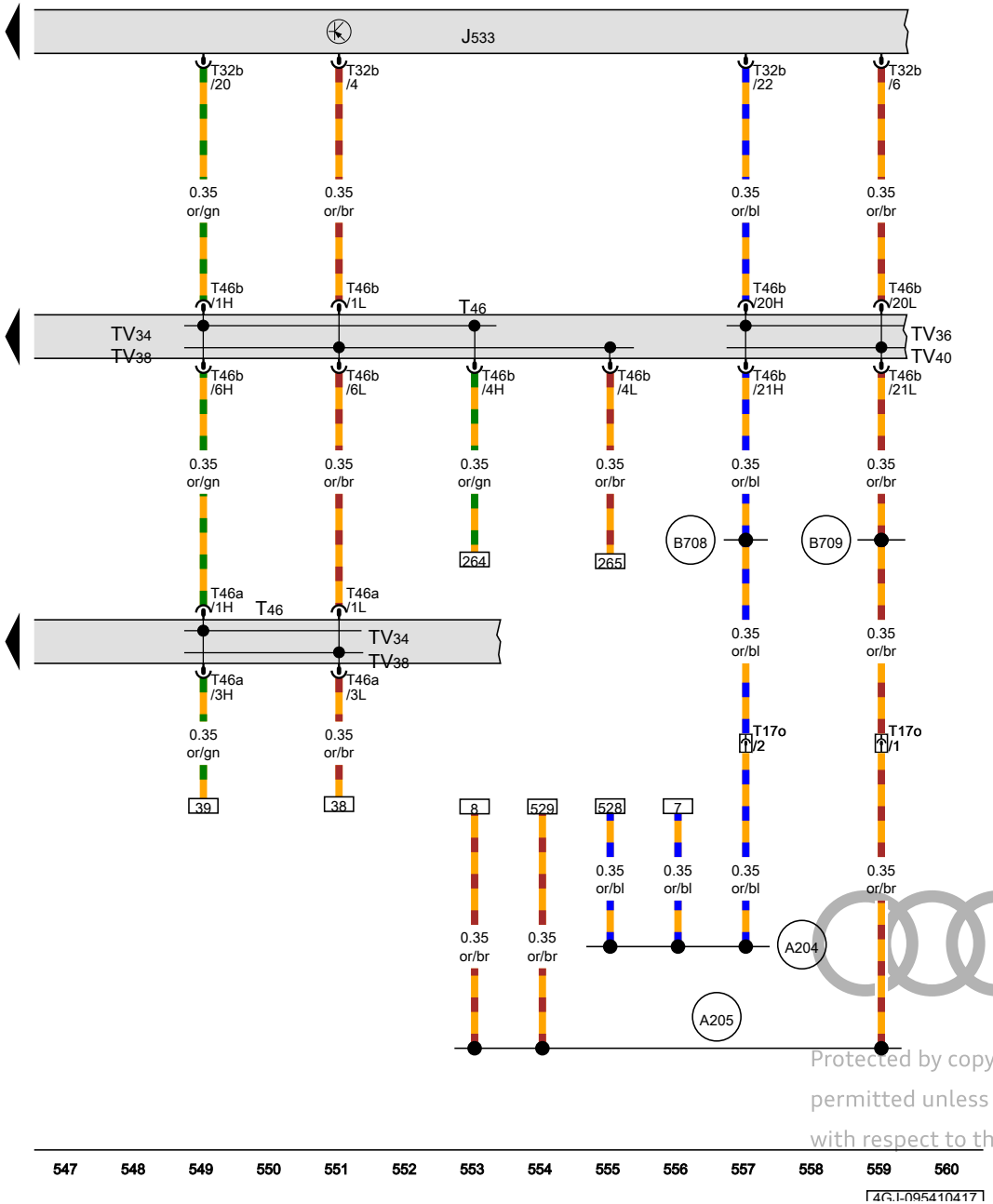
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

E93 Connection 1 (CAN bus high), in engine wiring harness

E94 Connection 1 (CAN bus low), in engine wiring harness

* see applicable current flow diagram for automatic gearbox
*2 see applicable current flow diagram for engine
*3 Only models with main beam assist



Data bus diagnostic interface, Wiring junction for convenience CAN bus, high

J533	Data bus diagnostic interface
T17o	17-pin connector, in right A-pillar coupling station
T32b	32-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
T46	46-pin connector
T46a	46-pin connector
T46b	46-pin connector
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

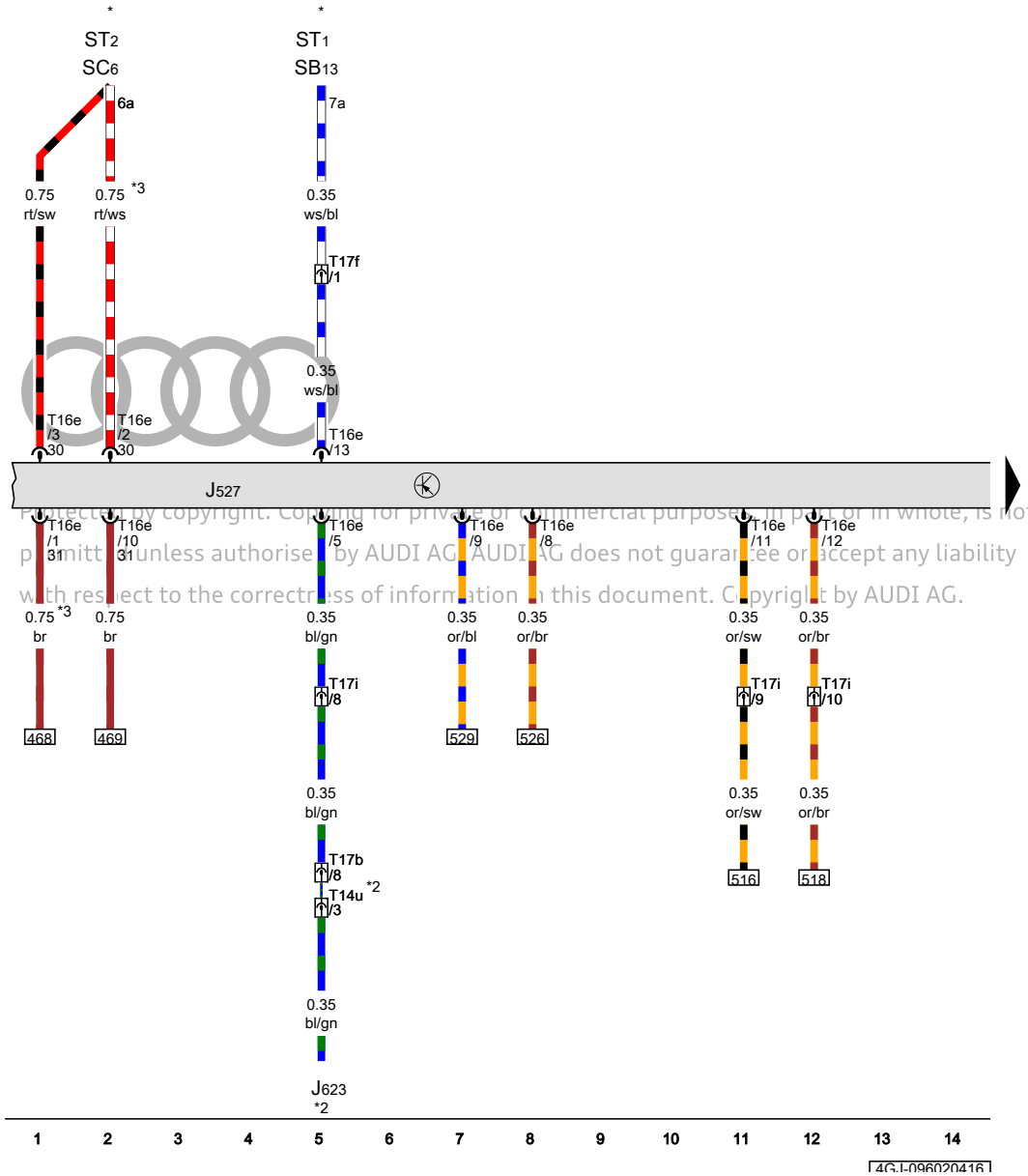
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Basic equipment, right-hand drive , (L0R)

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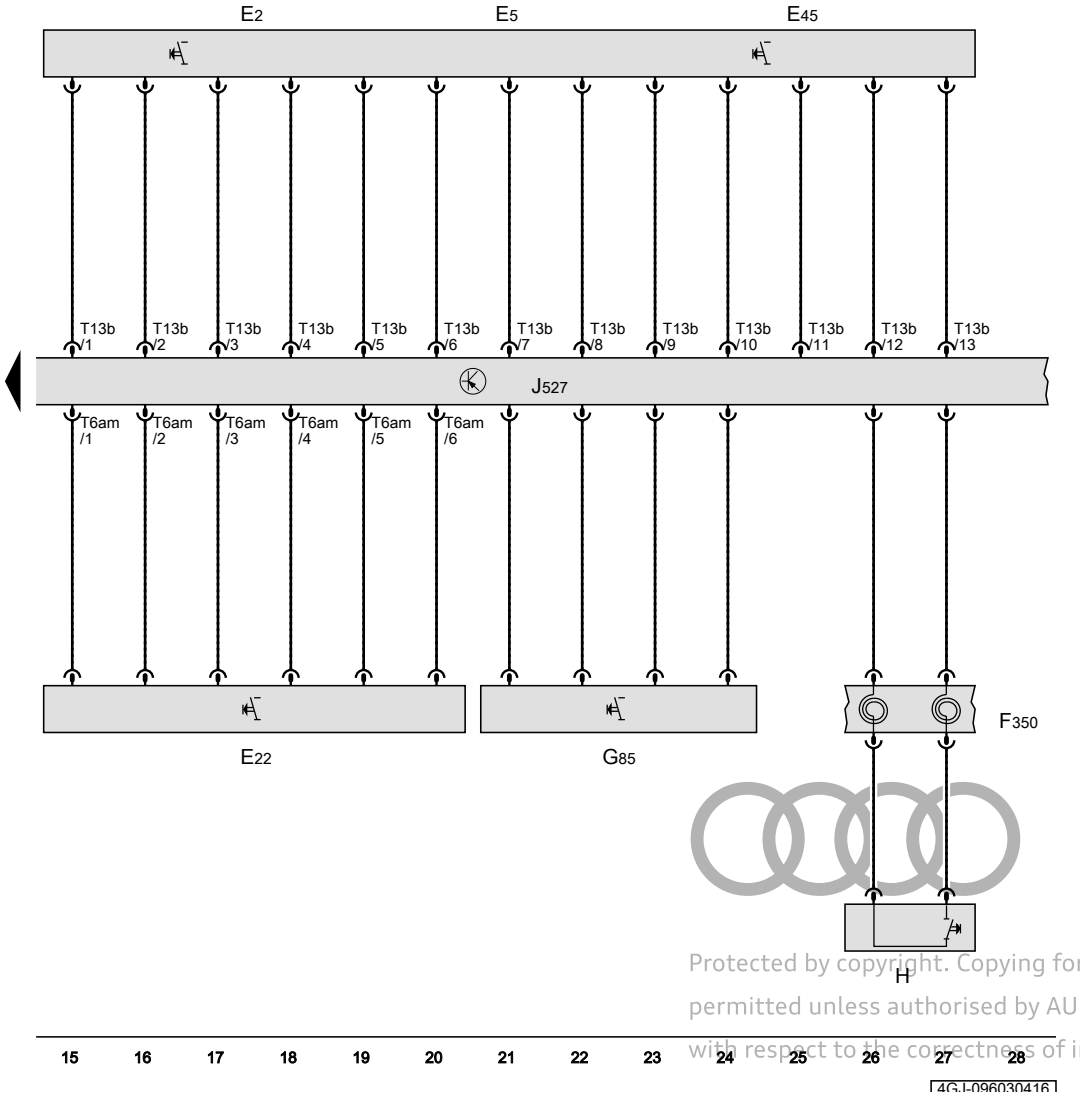
Steering column electronics control unit

J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC6	Fuse 6 on fuse holder C
SB13	Fuse 13 on fuse holder B
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector
T17i	17-pin connector, in right A-pillar coupling station
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Only models with heated steering wheel

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Steering column electronics control unit

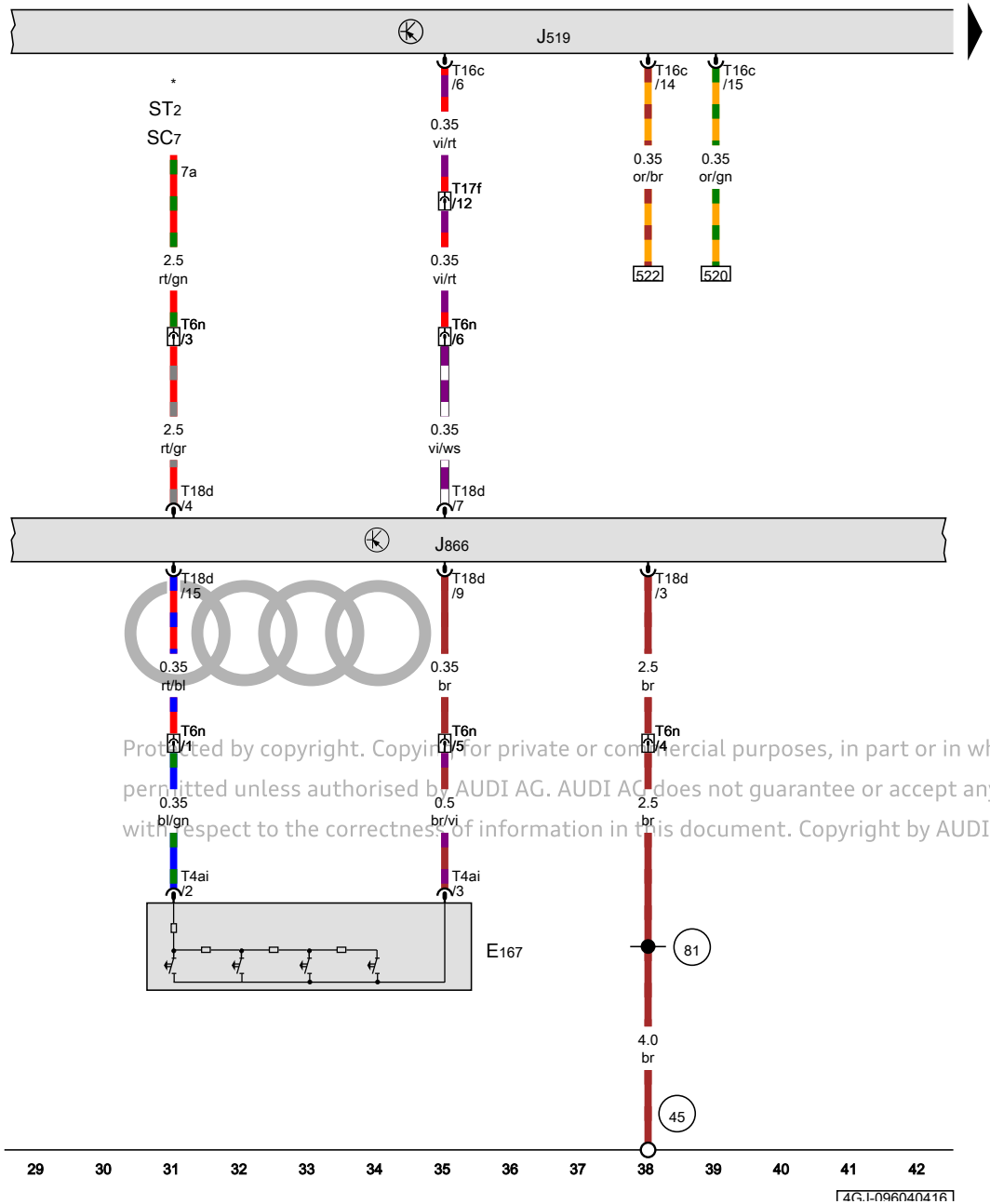
E2	Turn signal switch
E5	Headlight flasher switch
E22	Intermittent wiper switch
E45	Cruise control system switch
F350	Coil connector
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
T6am	6-pin connector
T13b	13-pin connector



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Steering column adjustment switch, Onboard supply control unit, Control unit for electrically adjustable steering column



E167 Steering column adjustment switch
J519 Onboard supply control unit
J866 Control unit for electrically adjustable steering column
ST2 Fuse carrier 2
SC7 Fuse 7 on fuse holder C
T4ai 4-pin connector
T6n 6-pin connector, behind steering column trim
T16c 16-pin connector
T17f 17-pin connector, in right A-pillar coupling station
T18d 18-pin connector

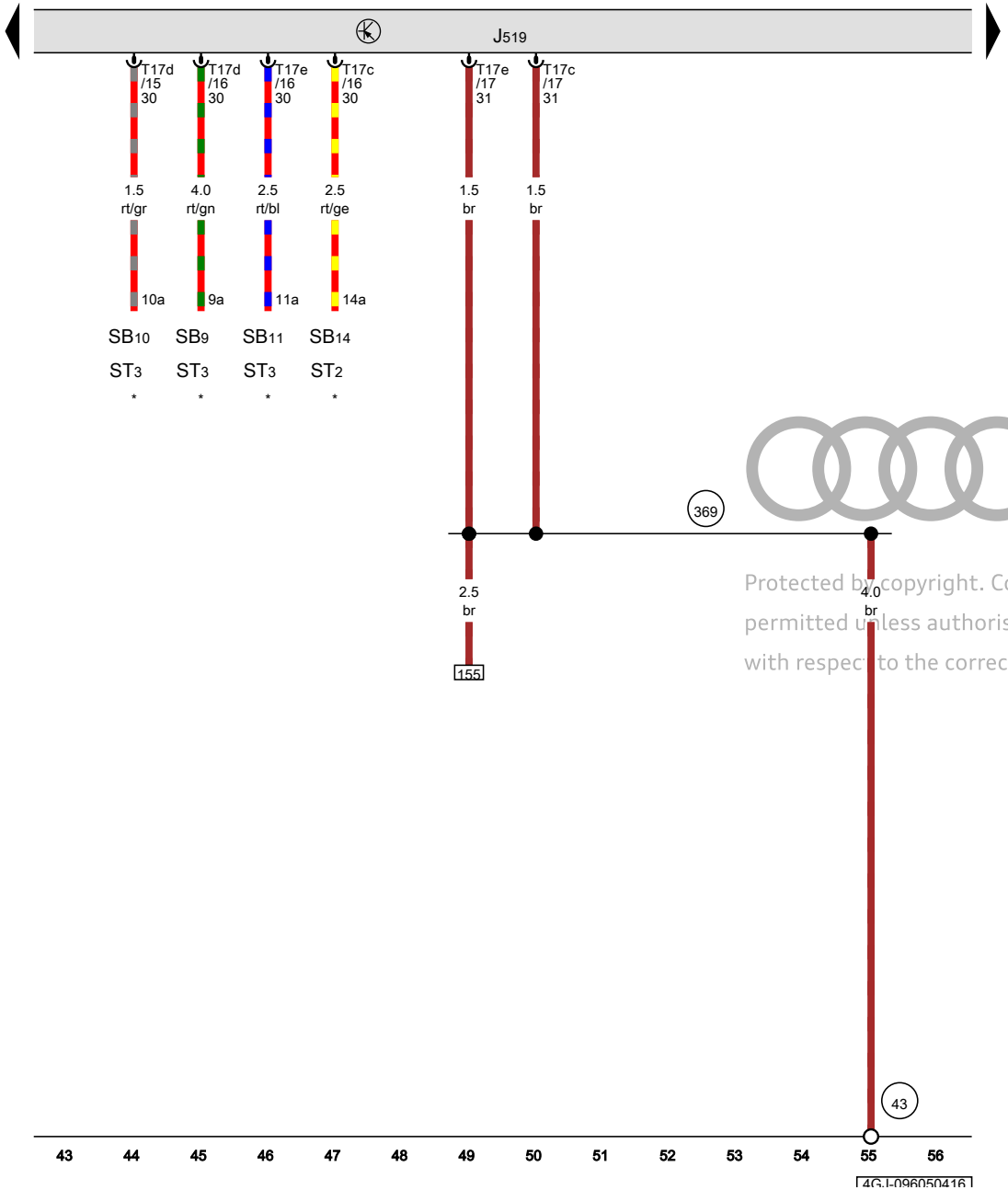
45 Earth point, centre behind dash panel

81 Earth connection 1, in dash panel wiring harness

* see applicable current flow diagram for fuse assignment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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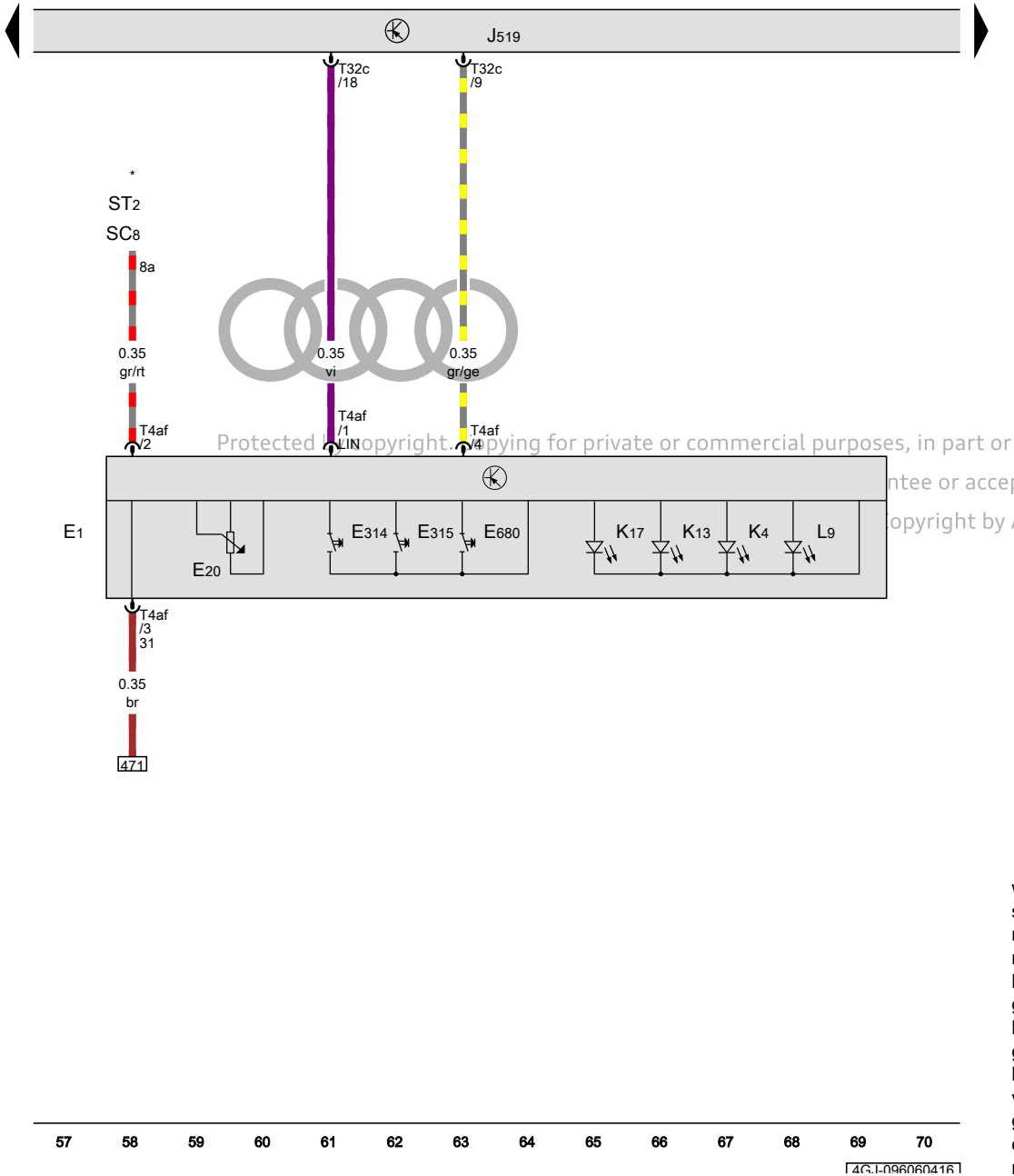


Onboard supply control unit

J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
43	Earth point, lower part of right A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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rt	=	red
br	=	brown
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



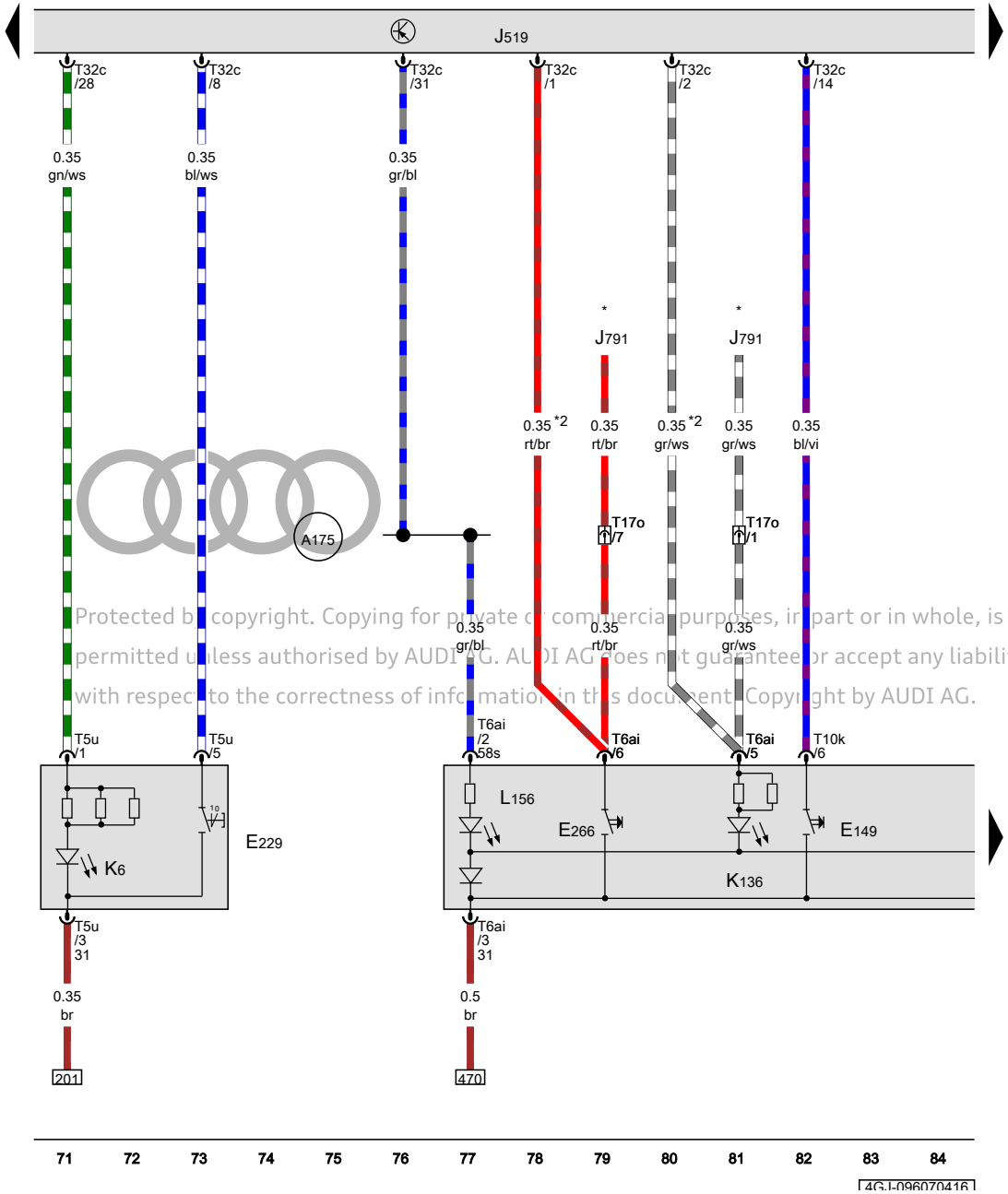
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Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector
T32c	32-pin connector
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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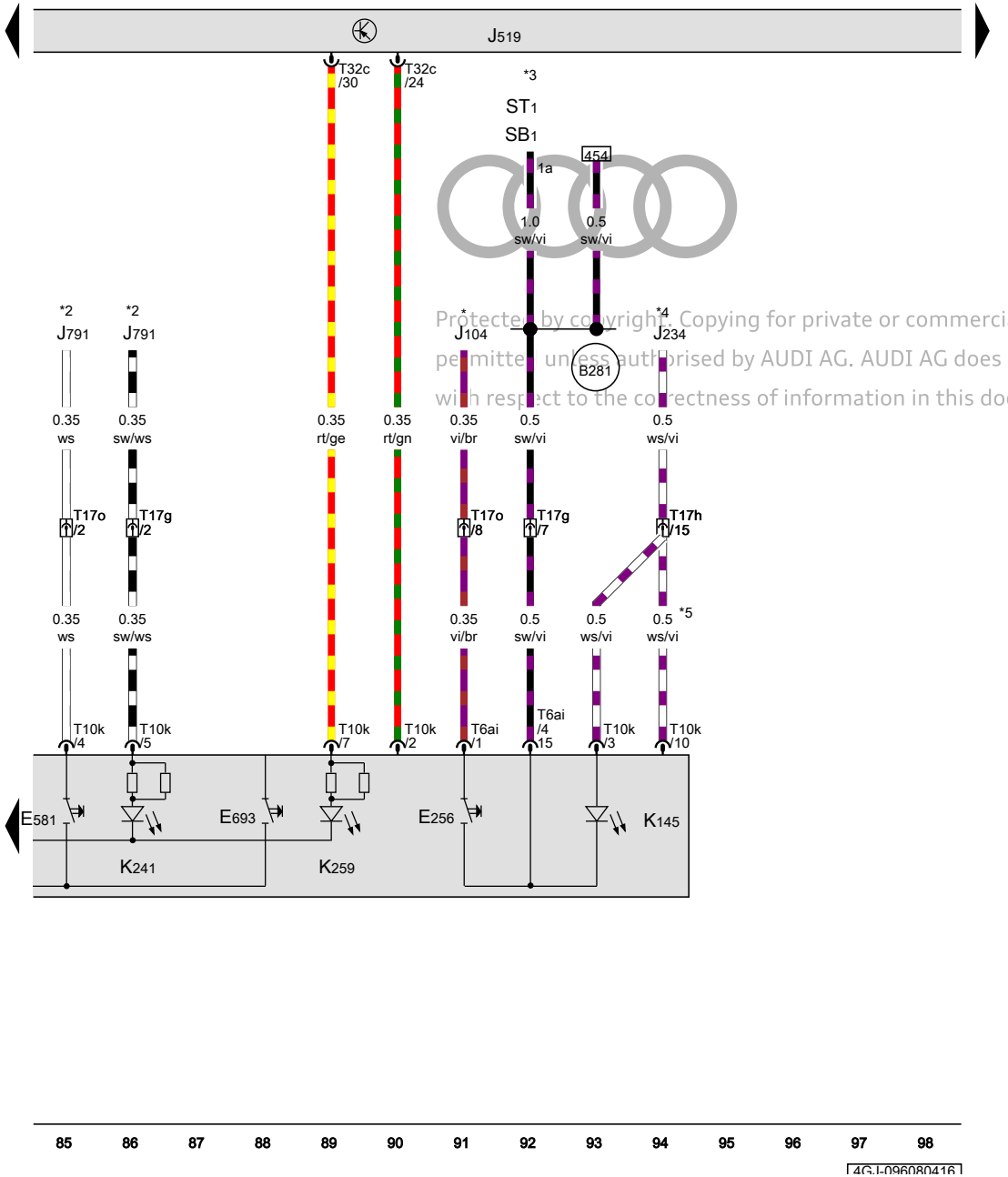
Hazard warning lights button, Onboard supply control unit



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E149	Rear roller blind switch
E229	Hazard warning lights button
E266	Parking aid button
J519	Onboard supply control unit
J791	Park assist steering control unit
K6	Indicator lamp for hazard warning light
K136	Parking aid warning lamp
L156	Switch illumination bulb
T5u	5-pin connector
T6ai	6-pin connector
T10k	10-pin connector
T17o	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
*	Only models with park assist steering
*2	Only models with parking aid (PDC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit

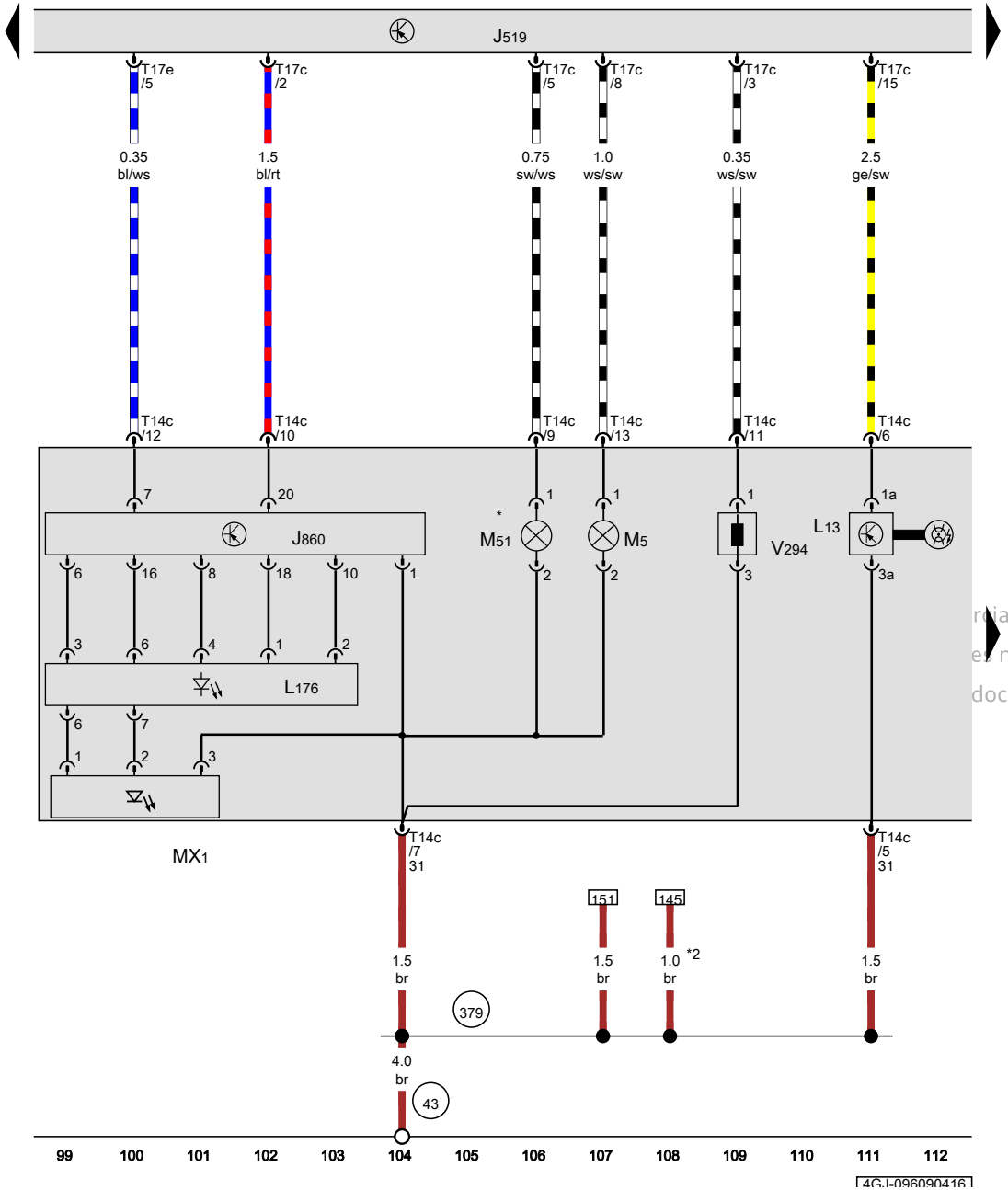
E256	Button for TCS and electronic stabilisation program
E581	Park assist steering button
E693	Start/Stop operation button
J104	ABS control unit
J234	Airbag control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
K145	Front passenger side airbag deactivated warning lamp
K241	Warning light for park assist steering
K259	Start/Stop operation warning lamp
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
T6ai	6-pin connector
T10k	10-pin connector
T17g	17-pin connector, in right A-pillar coupling station
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness

*	see applicable current flow diagram for ABS
*2	Only models with park assist steering
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram for airbag
*5	Only models with key operated switch to deactivate front passenger airbag/ side airbag/ belt buckle sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Control unit for left daytime running light and side light, Front left turn signal bulb



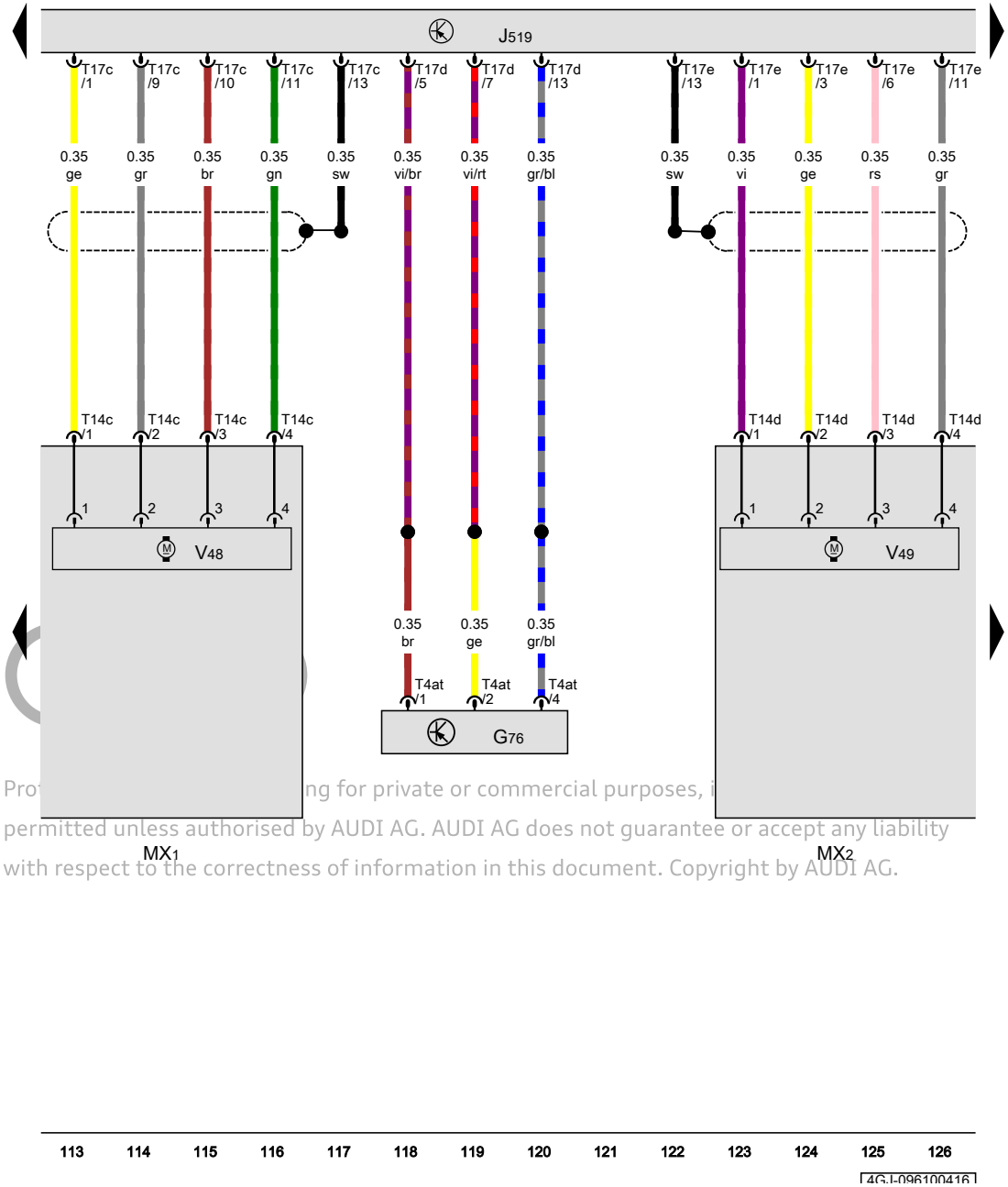
J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L13	Left gas discharge (xenon) bulb
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
M51	Left static cornering light
T14c	14-pin connector
T17c	17-pin connector
T17e	17-pin connector
V294	Left dip beam screen motor
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
*	All-weather lights
*2	According to equipment

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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Front right headlight

G76	Rear left vehicle level sender
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
T4at	4-pin connector
T14c	14-pin connector
T14d	14-pin connector
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor

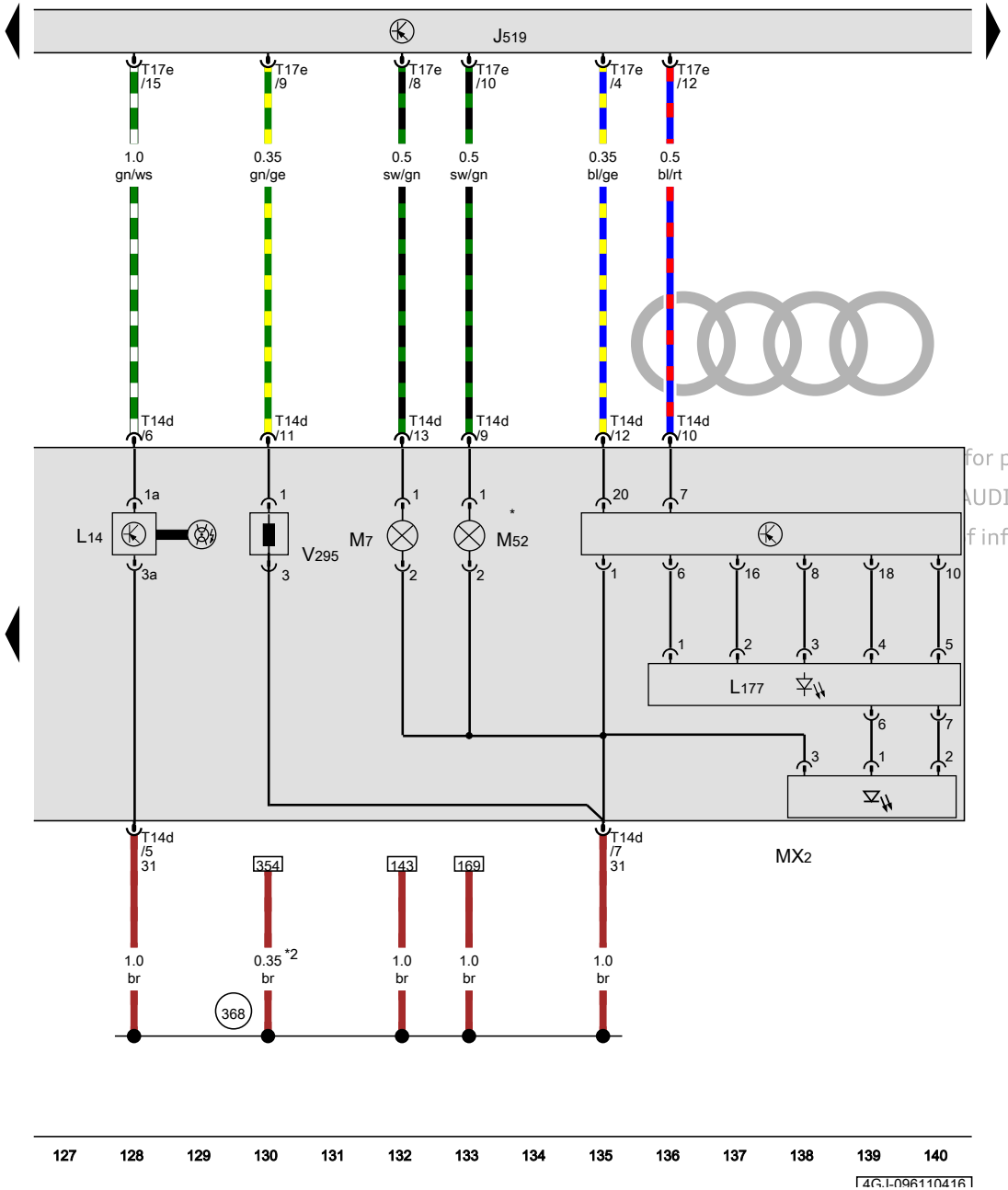


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Onboard supply control unit, Front right headlight, Front right turn signal bulb, Right static cornering light

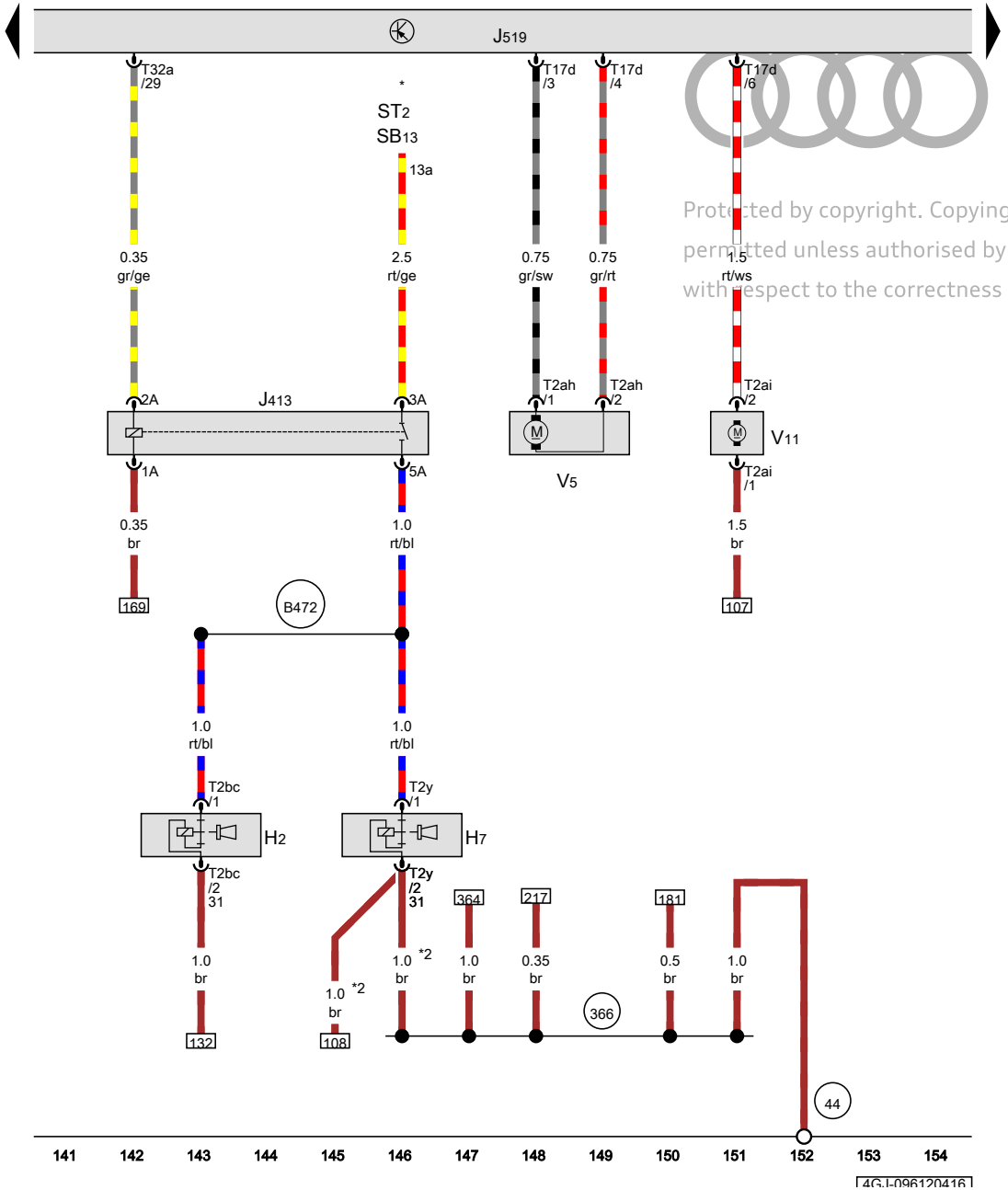
J519	Onboard supply control unit
L14	Right gas discharge (xenon) bulb
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
M52	Right static cornering light
T14d	14-pin connector
T17e	17-pin connector
V295	Right dip beam screen motor
368	Earth connection 3, in main wiring harness
*	All-weather lights
*2	Only models with automatic anti-dazzle interior mirror



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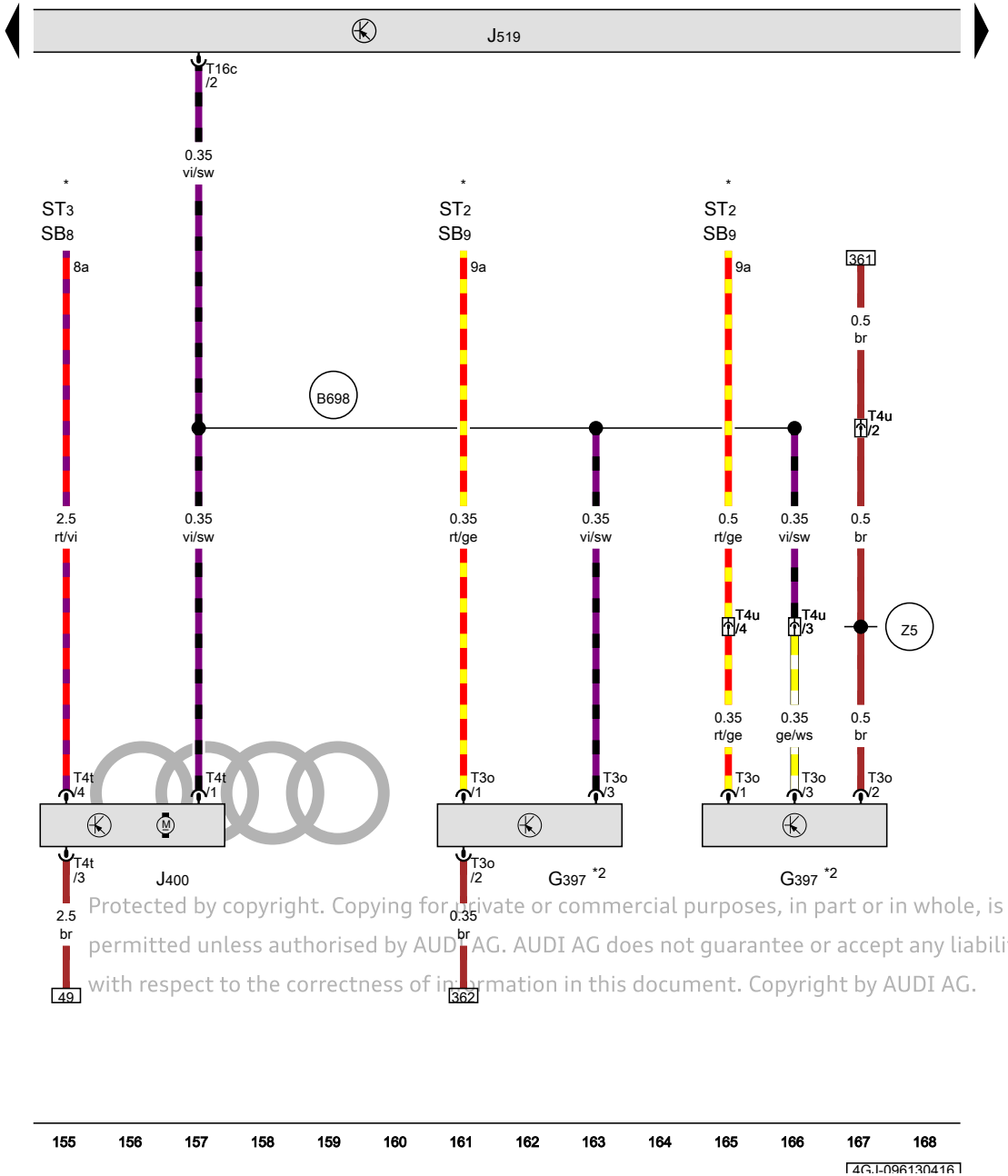
Treble horn, Bass horn, Horn relay, Onboard supply control unit, Washer pump, Headlight washer system pump



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H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST2	Fuse carrier 2
SB13	Fuse 13 on fuse holder B
T2ah	2-pin connector
T2ai	2-pin connector
T2bc	2-pin connector
T2y	2-pin connector
T17d	17-pin connector
T32a	32-pin connector
V5	Washer pump
V11	Headlight washer system pump
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
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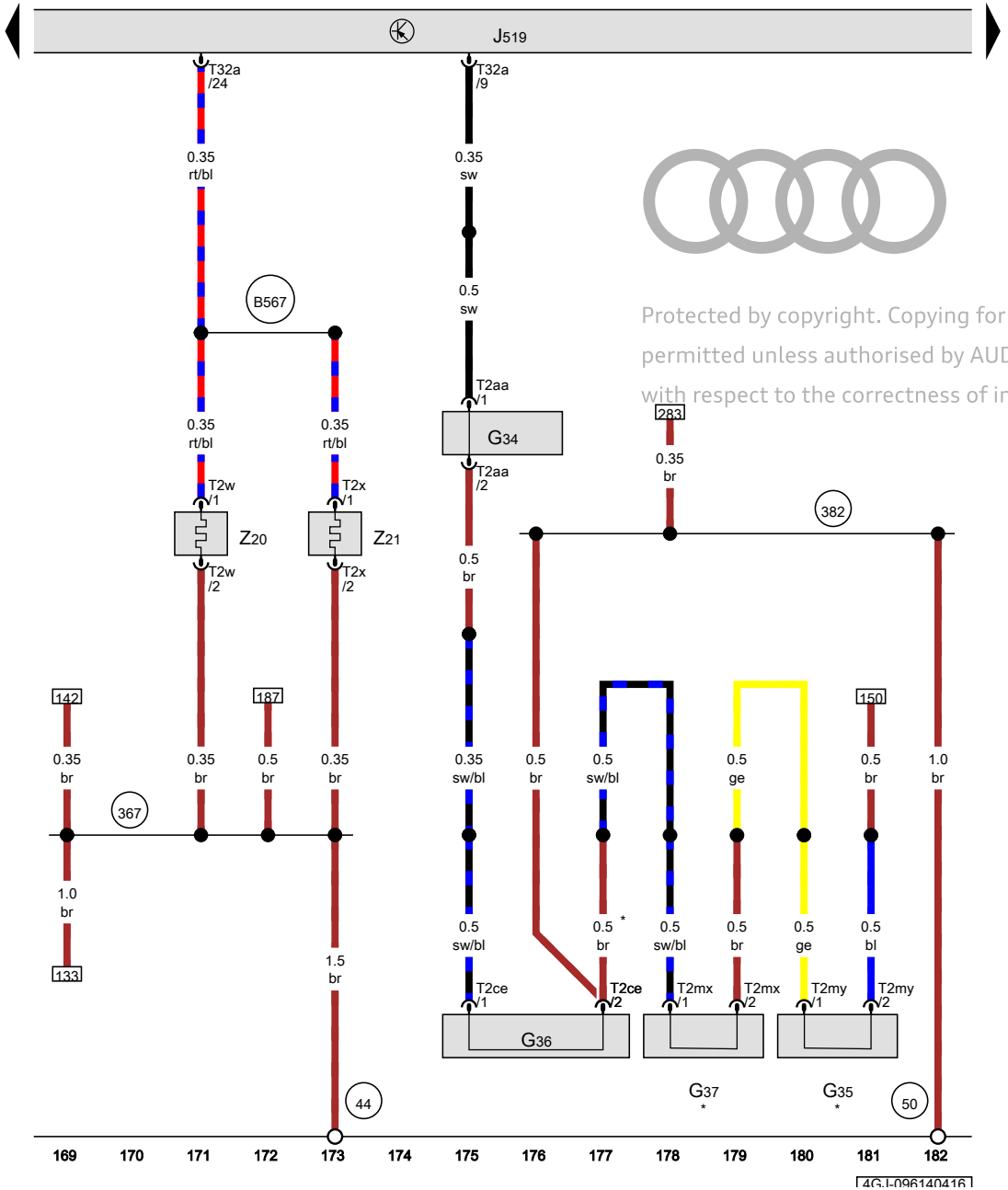


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Rain and light sensor, Wiper motor control unit, Onboard supply control unit

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T3o	3-pin connector
T4t	4-pin connector
T4u	4-pin connector, near interior mirror
T16c	16-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
Z5	Connection, in window heating wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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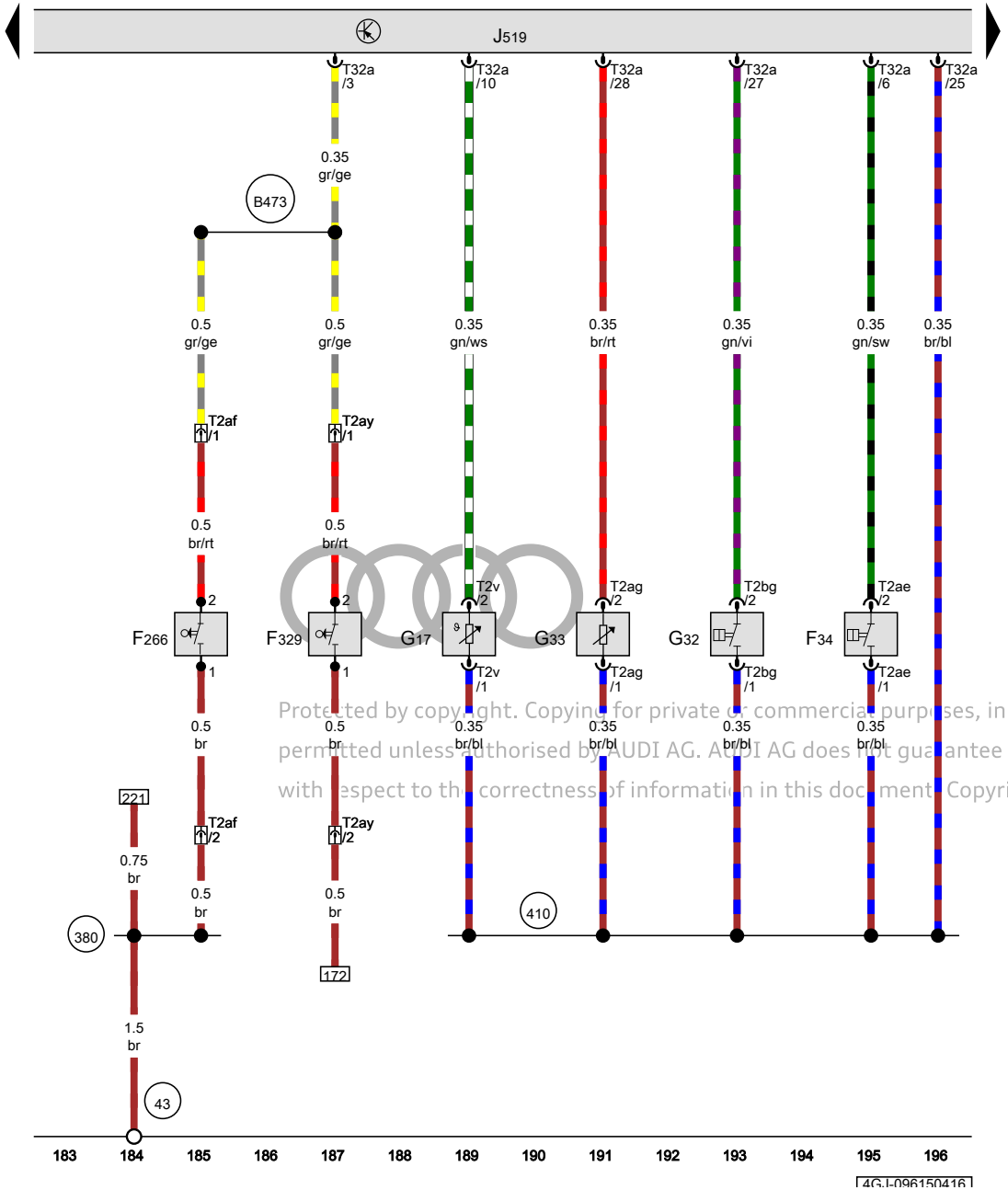


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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front left brake pad wear sender, Front right brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit, Left washer jet heater element

G34	Front left brake pad wear sender
G35	Front right brake pad wear sender
G36	Rear left brake pad wear sender
G37	Rear right brake pad wear sender
J519	Onboard supply control unit
T2aa	2-pin connector
T2ce	2-pin connector
T2mx	2-pin connector
T2my	2-pin connector
T2w	2-pin connector
T2x	2-pin connector
T32a	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
44	Earth point, lower part of left A-pillar
50	Earth point, on left in luggage compartment
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
B567	Connection 34, in main wiring harness
*	According to equipment

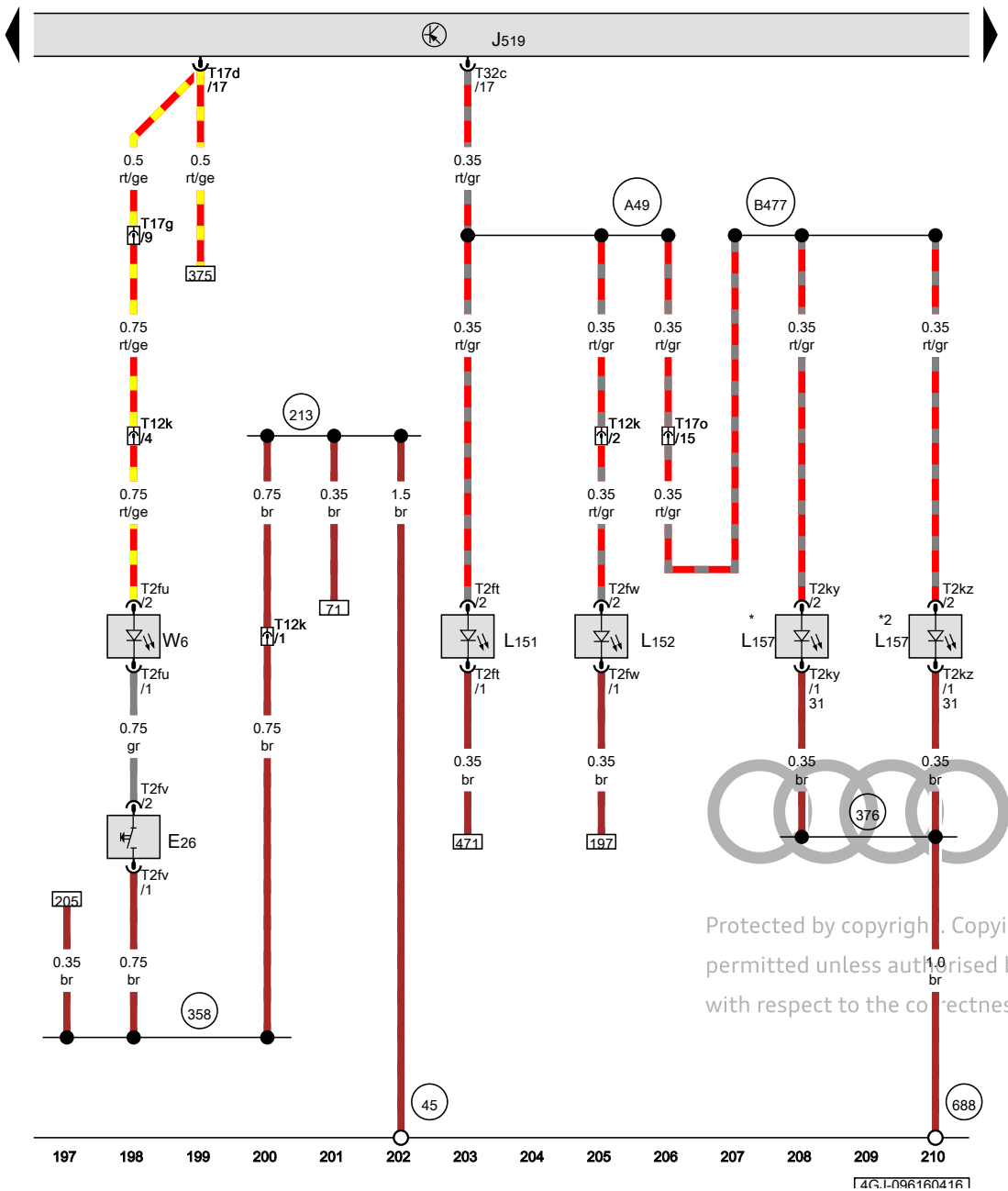


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Brake fluid level warning contact, Bonnet contact switch, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit

F34	Brake fluid level warning contact
F266	Bonnet contact switch
F329	Bonnet contact switch 2
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2ae	2-pin connector
T2af	2-pin connector
T2ag	2-pin connector
T2ay	2-pin connector
T2bg	2-pin connector
T2v	2-pin connector
T32a	32-pin connector
43	Earth point, lower part of right A-pillar
380	Earth connection 15, in main wiring harness
410	Earth connection 1 (sender earth) in main wiring harness
B473	Connection 9, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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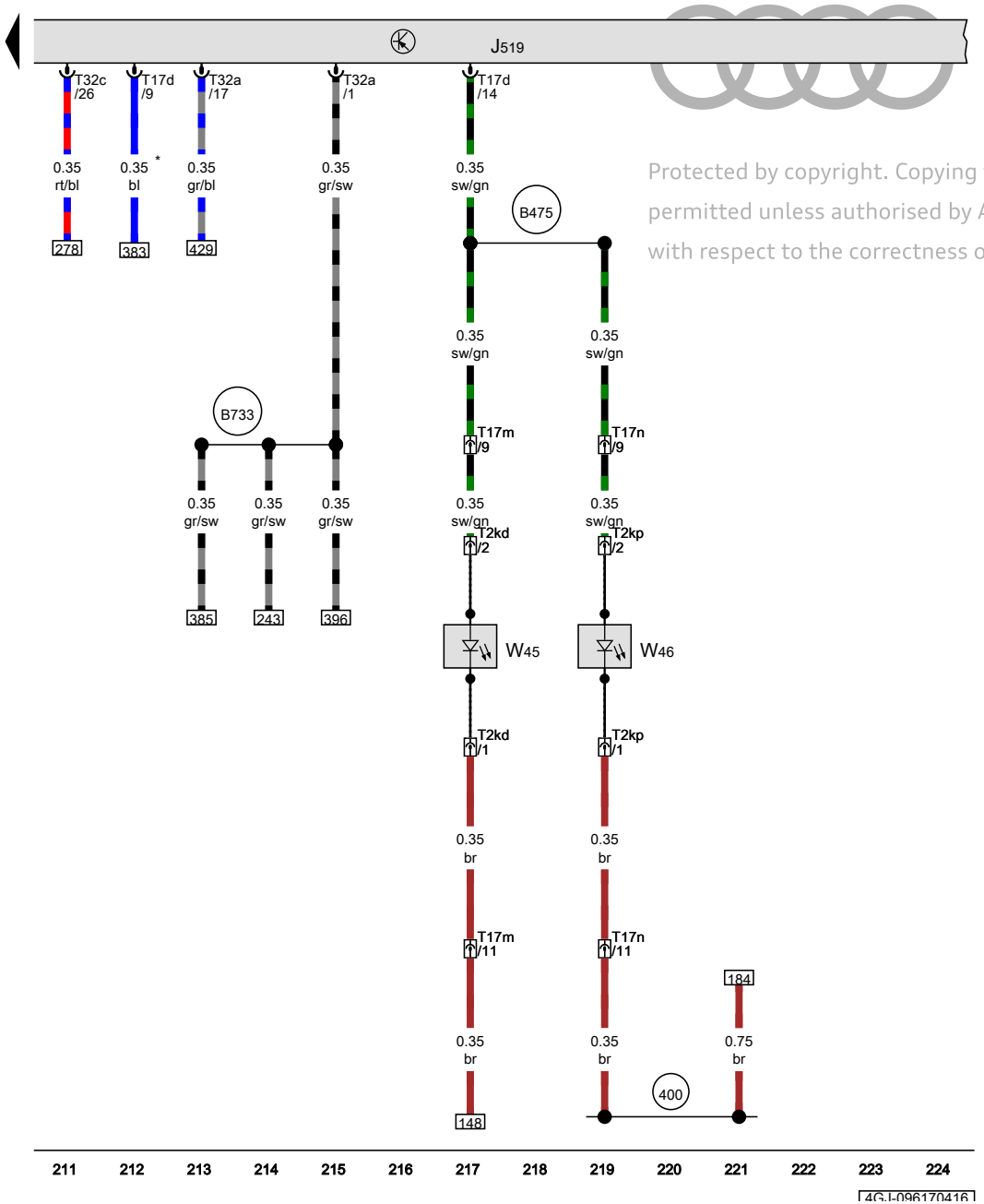


Glove compartment light switch, Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Centre armrest illumination bulb, Glove compartment light

E26	Glove compartment light switch
J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
L157	Centre armrest illumination bulb
T2ft	2-pin connector
T2fu	2-pin connector
T2fv	2-pin connector
T2fw	2-pin connector
T2ky	2-pin connector
T2kz	2-pin connector
T12k	12-pin connector, behind glove compartment
T17d	17-pin connector
T17g	17-pin connector, in right A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T32c	32-pin connector
W6	Glove compartment light
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
358	Earth connection, in glove compartment wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
A49	Connection 1, in dash panel wiring harness
B477	Connection 13, in main wiring harness
*	left
*2	right

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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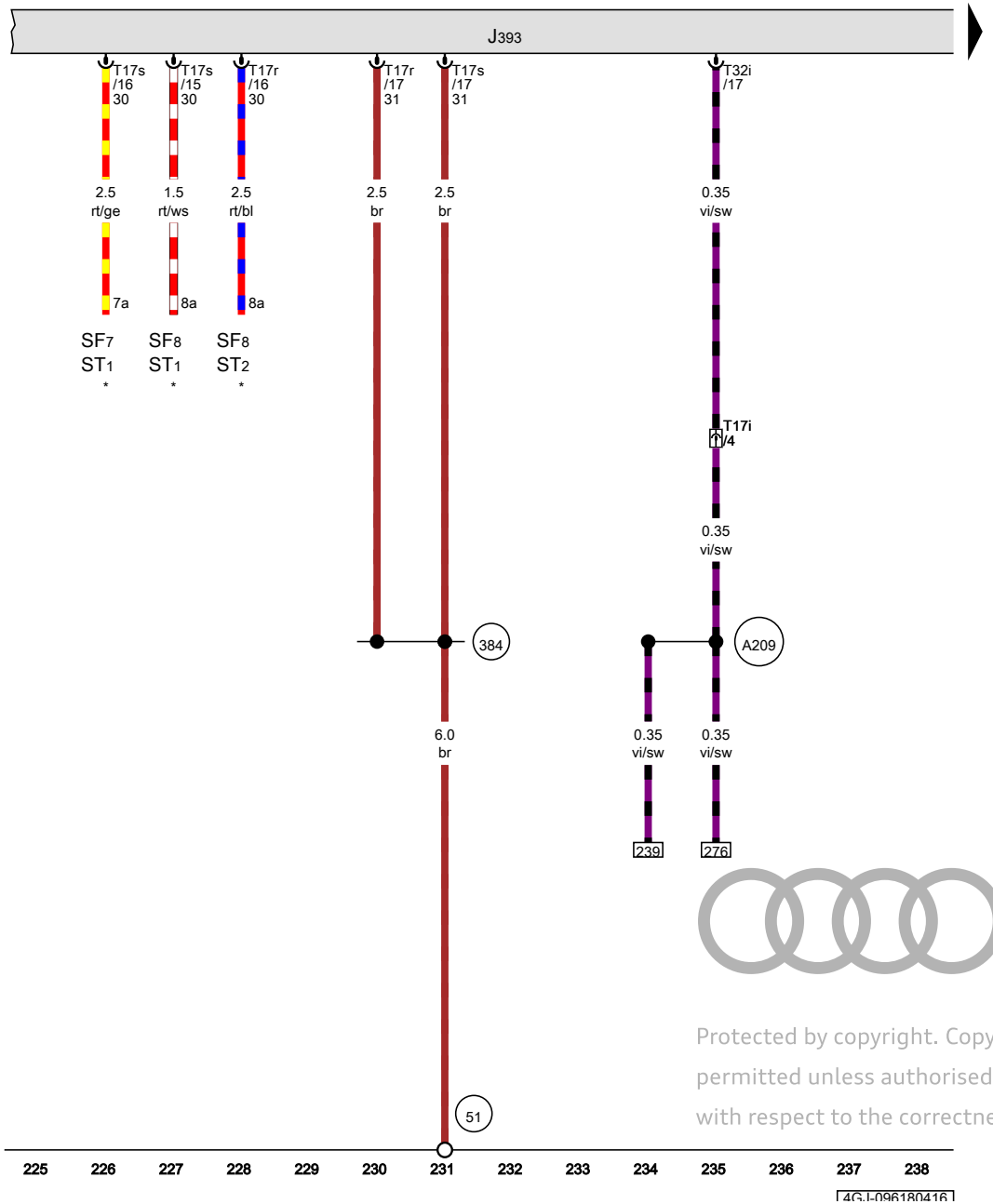


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Onboard supply control unit, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T2kd	2-pin connector
T2kp	2-pin connector
T17d	17-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T17n	17-pin connector, in coupling point for front seat, right
T32a	32-pin connector
T32c	32-pin connector
W45	Rear left footwell light
W46	Rear right footwell light
400	Earth connection 35, in main wiring harness
B475	Connection 11, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

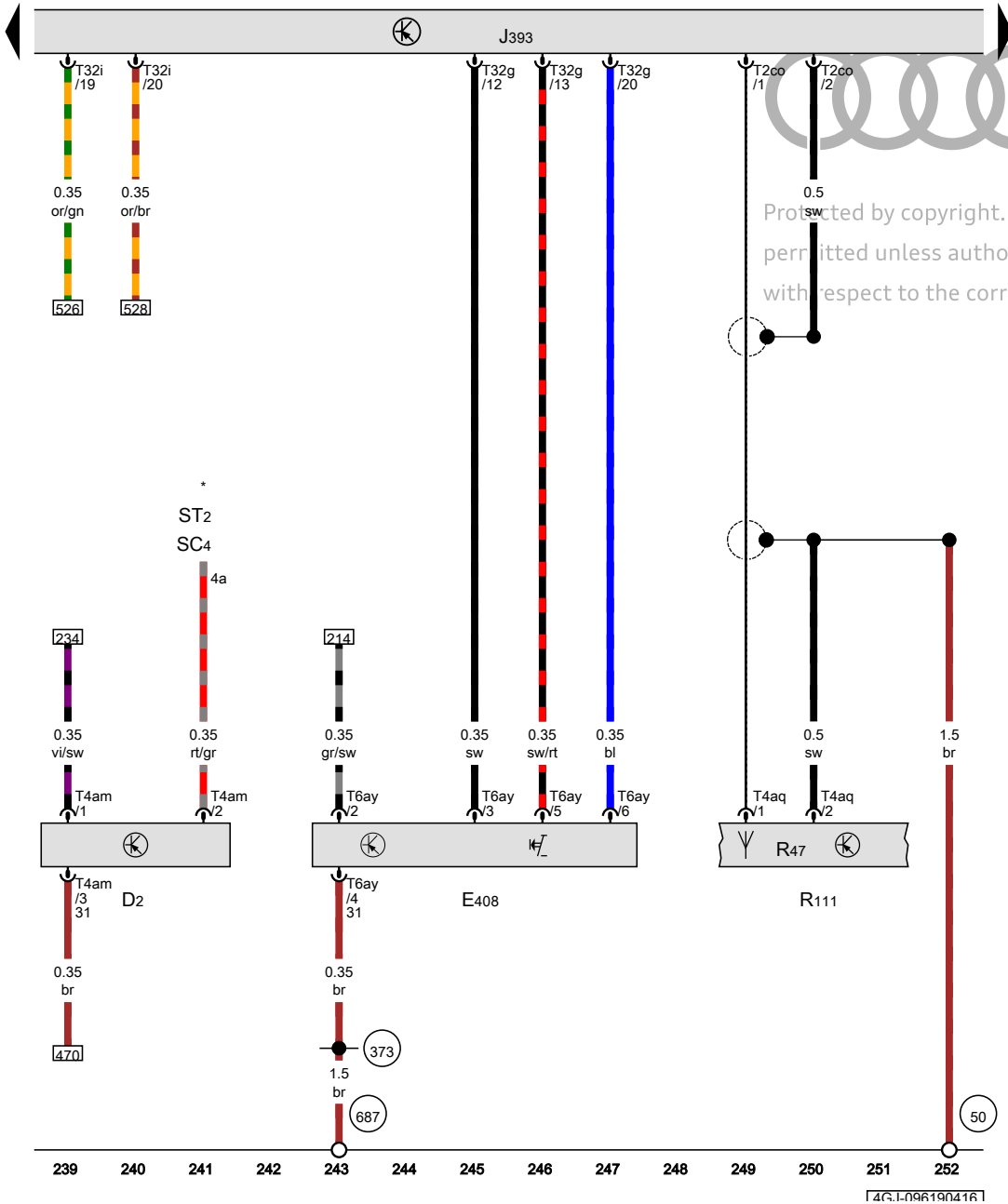


Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17i	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T17s	17-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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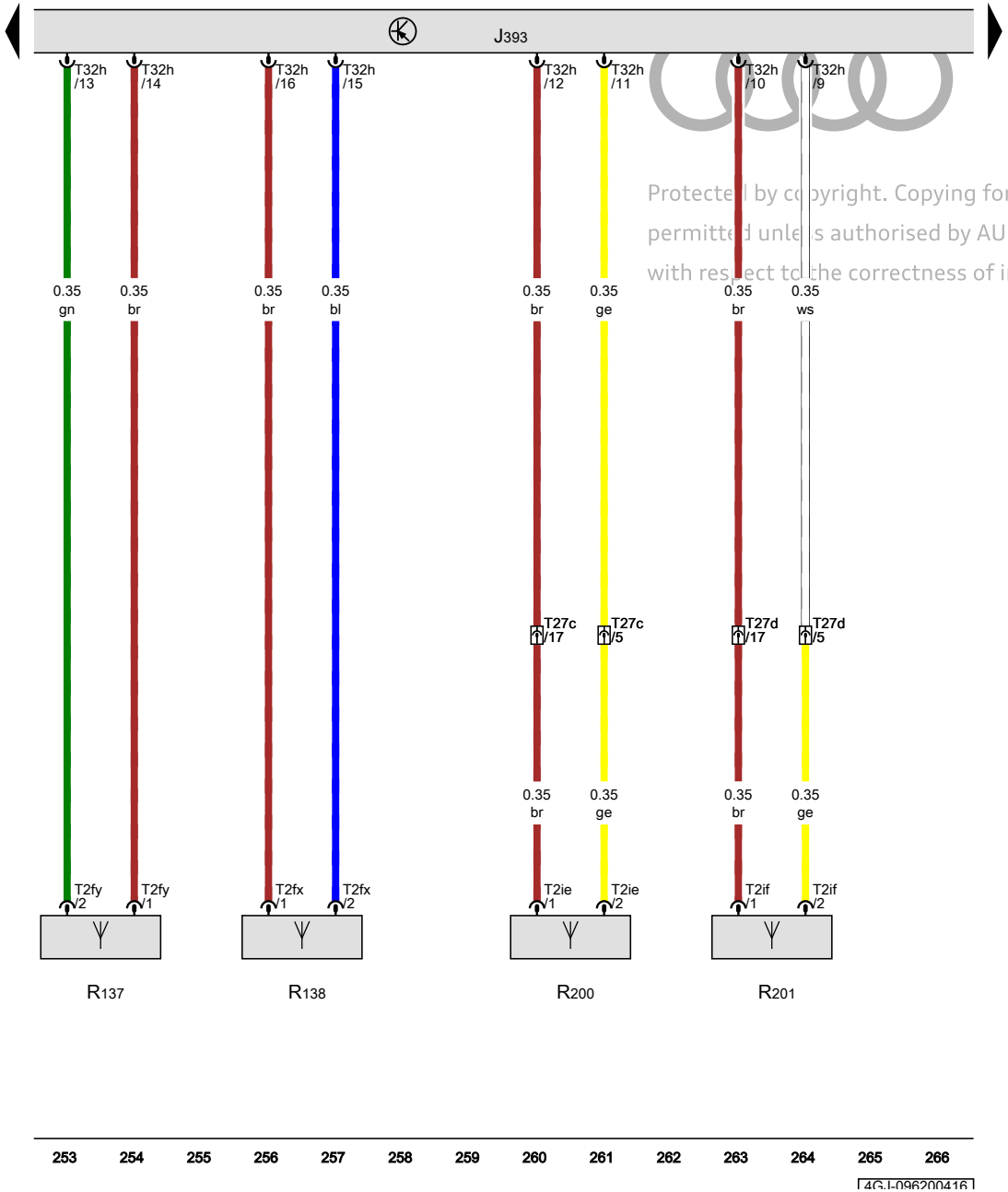
Immobiliser reader coil, Entry and start authorisation button, Convenience system central control unit, Central locking and anti-theft alarm system aerial

D2	Immobiliser reader coil
E408	Entry and start authorisation button
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R111	Aerial amplifier 2
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T2co	2-pin connector
T4am	4-pin connector
T4aq	4-pin connector
T6ay	6-pin connector
T32g	32-pin connector
T32i	32-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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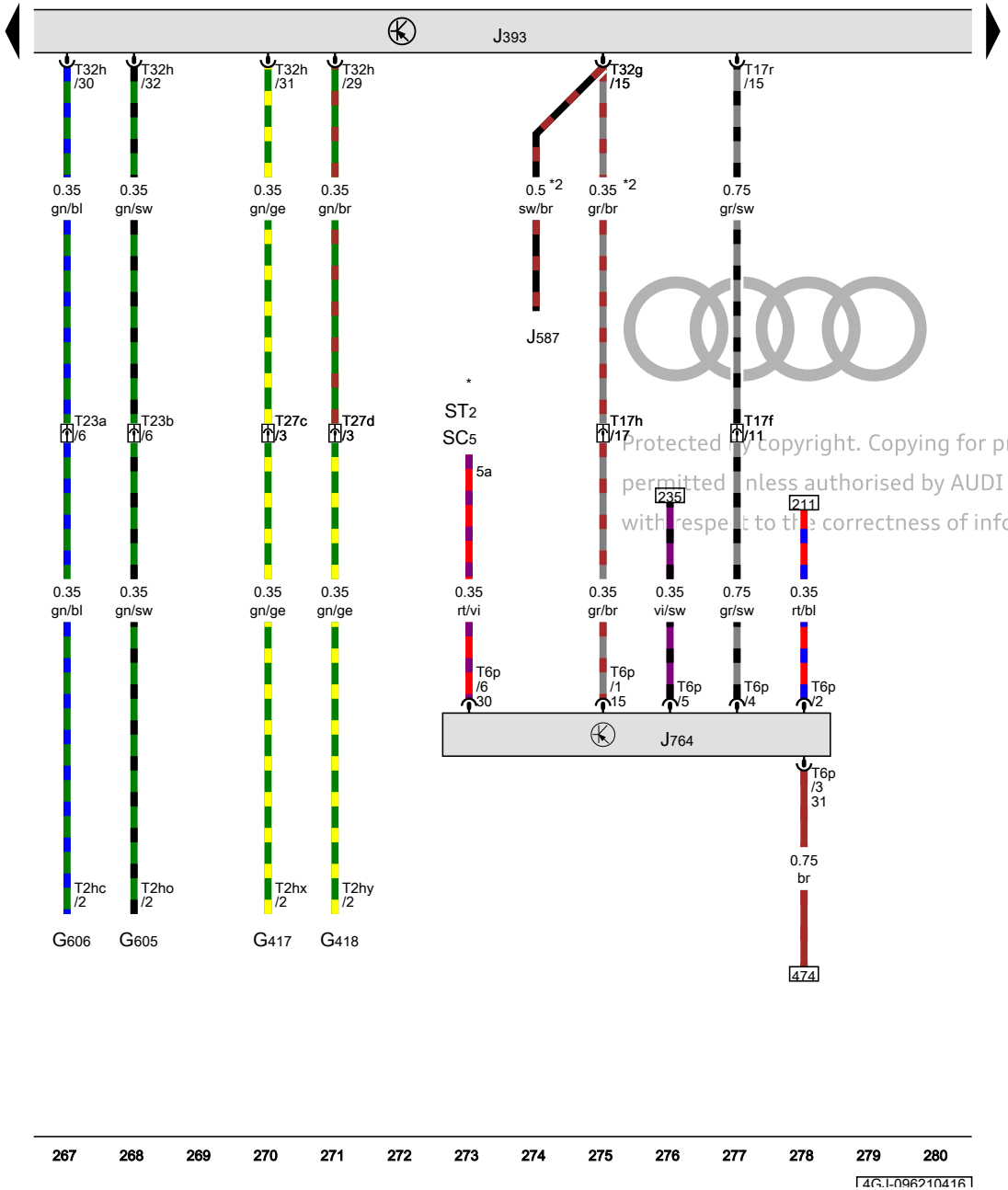
Convenience system central control unit, Interior aerial 1 for entry and start system

J393	Convenience system central control unit
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
R200	Left aerial for entry and start authorisation
R201	Right aerial for entry and start authorisation
T2fx	2-pin connector
T2fy	2-pin connector
T2ie	2-pin connector
T2if	2-pin connector
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32h	32-pin connector



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rs	=	pink

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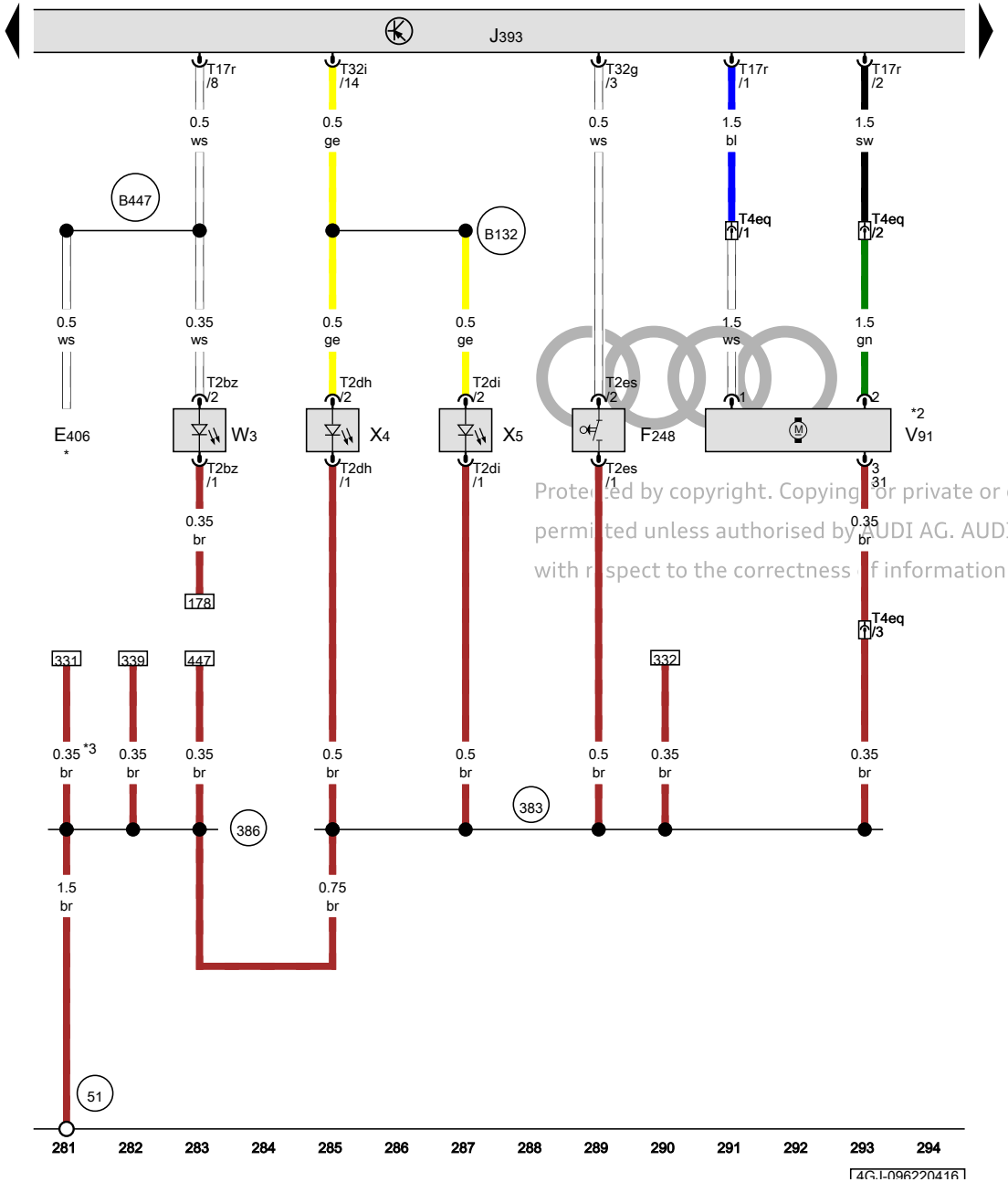


Convenience system central control unit, Control unit for electronic steering column lock

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
J587	Selector lever sensors control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2hc	2-pin connector
T2ho	2-pin connector
T2hx	2-pin connector
T2hy	2-pin connector
T6p	6-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T17h	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector
T23a	23-pin connector, on right A-pillar
T23b	23-pin connector, on left A-pillar
T27c	27-pin connector, on left B-pillar
T27d	27-pin connector, on right B-pillar
T32g	32-pin connector
T32h	32-pin connector
*	see applicable current flow diagram for fuse assignment
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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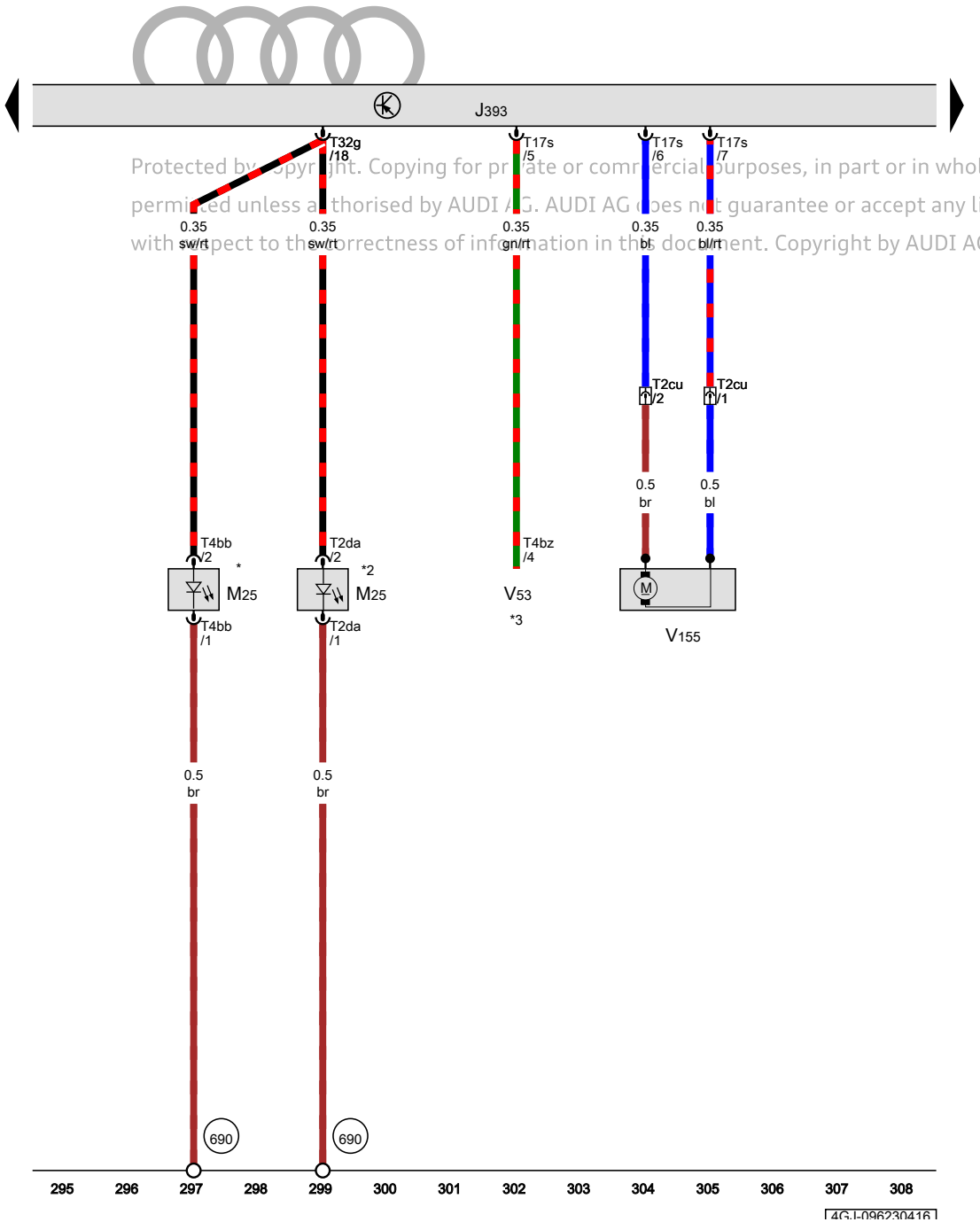


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or = orange
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Release button for rear lid lock cylinder, Convenience system central control unit, Rear roller blind motor, Luggage compartment light, Left number plate light

E406	Button to close rear lid in luggage compartment
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2bz	2-pin connector
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4eq	4-pin connector
T17r	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V91	Rear roller blind motor
W3	Luggage compartment light
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only vehicles with electric rear roller blind
*3	Avant



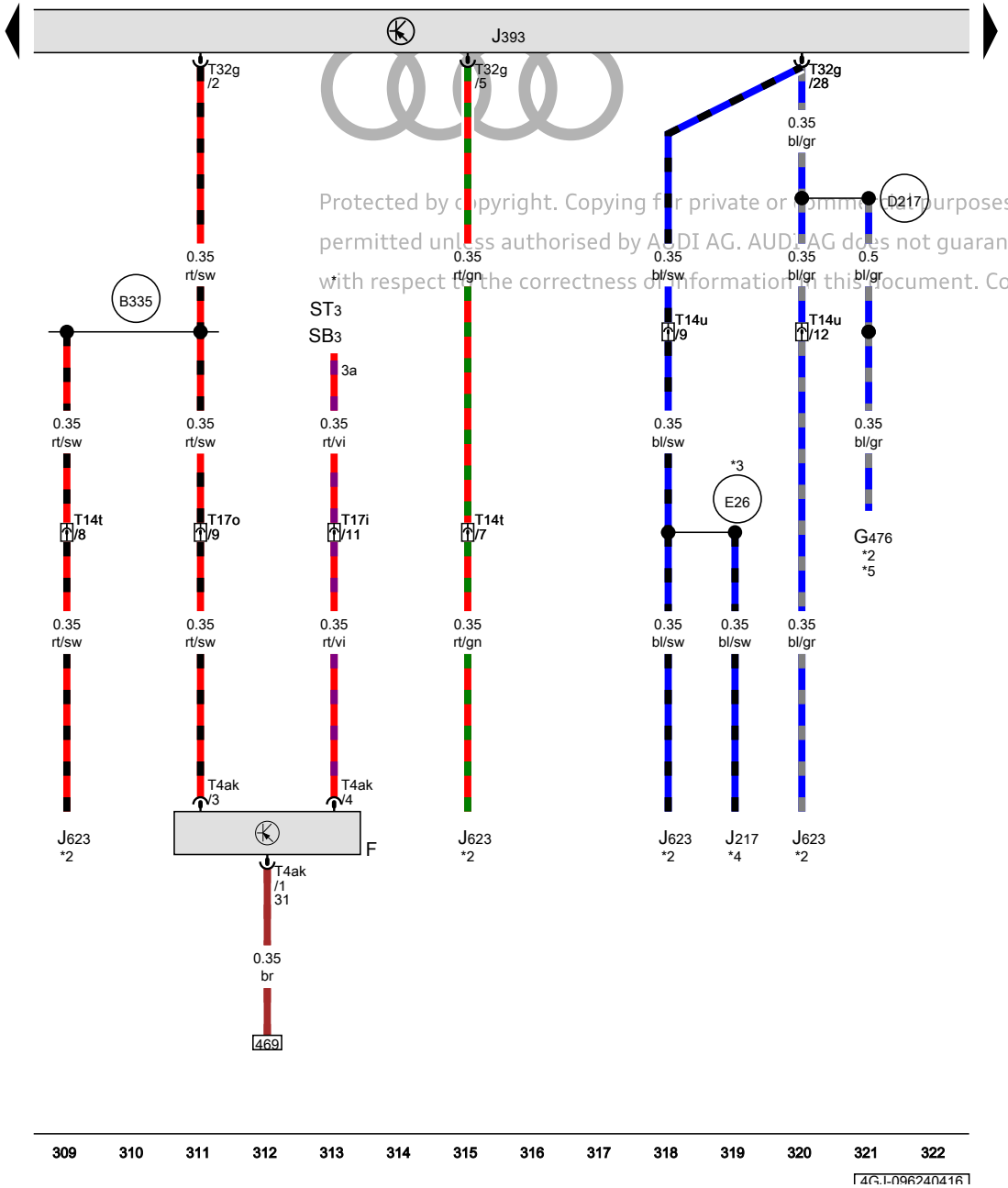
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Convenience system central control unit, High-level brake light bulb, Tank filler flap locking motor

J393	Convenience system central control unit
M25	High-level brake light bulb
T2cu	2-pin connector
T2da	2-pin connector
T4bb	4-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
V53	Rear lid central locking motor
V155	Tank filler flap locking motor
690	Earth point, rear centre roof frame
*	Only models with insulated glass
*2	Only models with heat-insulated glass
*3	see applicable current flow diagram for convenience system

ws	=	white
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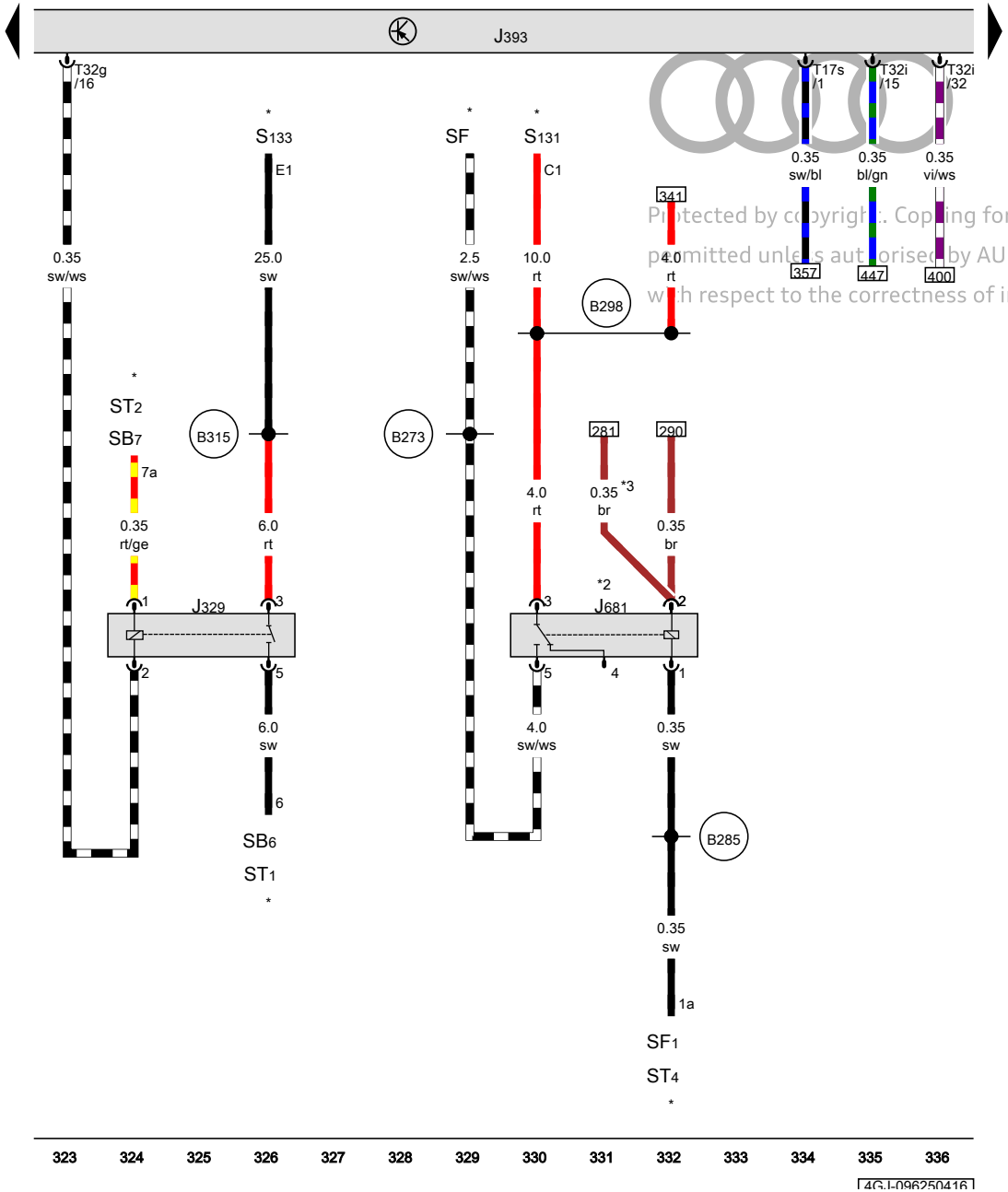
Brake light switch, Convenience system central control unit



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F	Brake light switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
T4ak	4-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in right A-pillar coupling station
T17o	17-pin connector, in left A-pillar coupling station
T32g	32-pin connector
B335	Connection 1 (54), in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Only models with automatic gearbox
*4	see applicable current flow diagram for automatic gearbox
*5	Only models with manual gearbox

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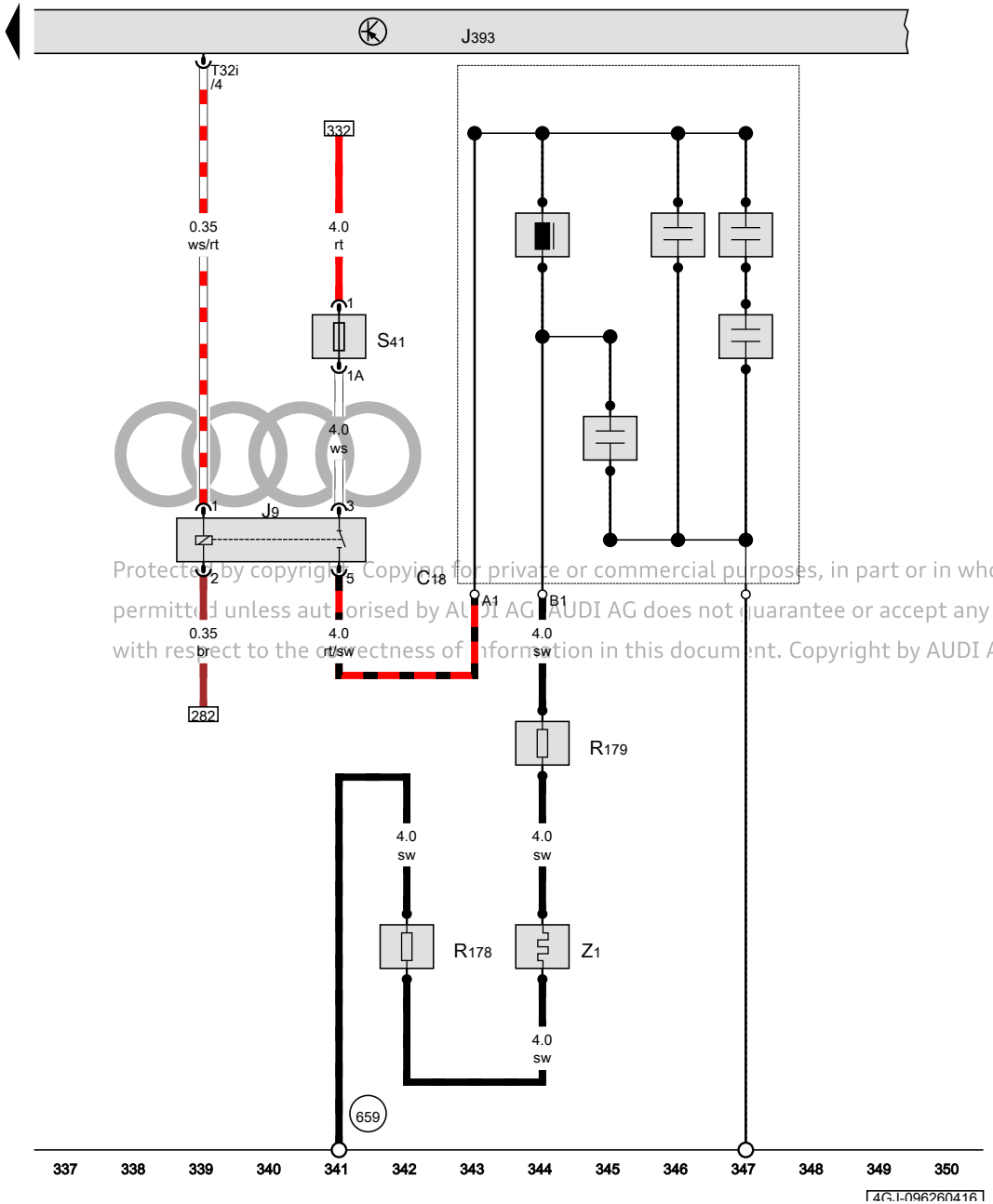
Terminal 15 voltage supply relay, Convenience system central control unit, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
S131	Fuse 1
S133	Fuse 3
SF	Fuse holder F
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
B273	Positive connection (15), in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Avant

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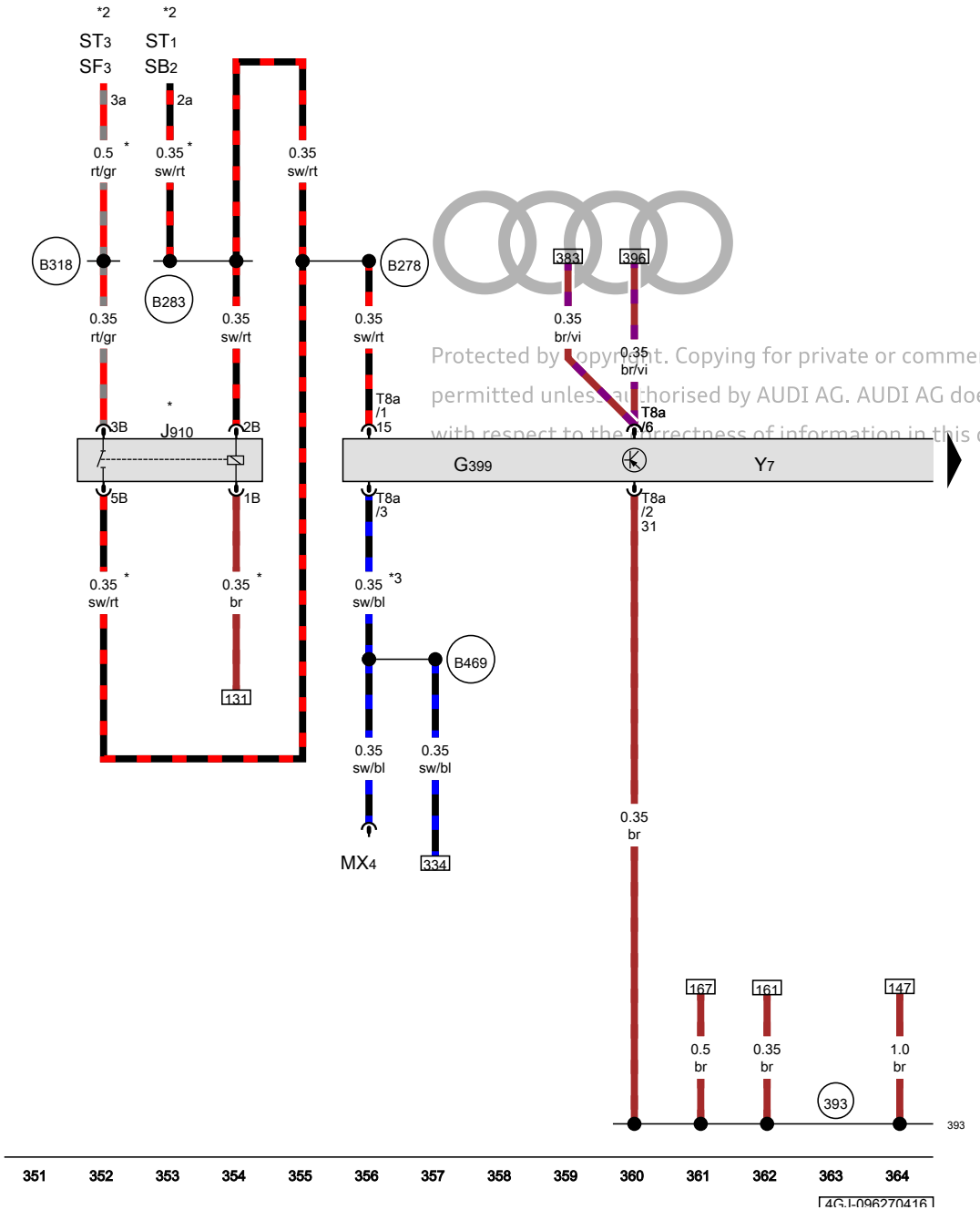
Window aerial suppression filter, Heated rear window relay, Convenience system central control unit

C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T32i	32-pin connector
Z1	Heated rear window
659	Earth point 1, on right near rear window



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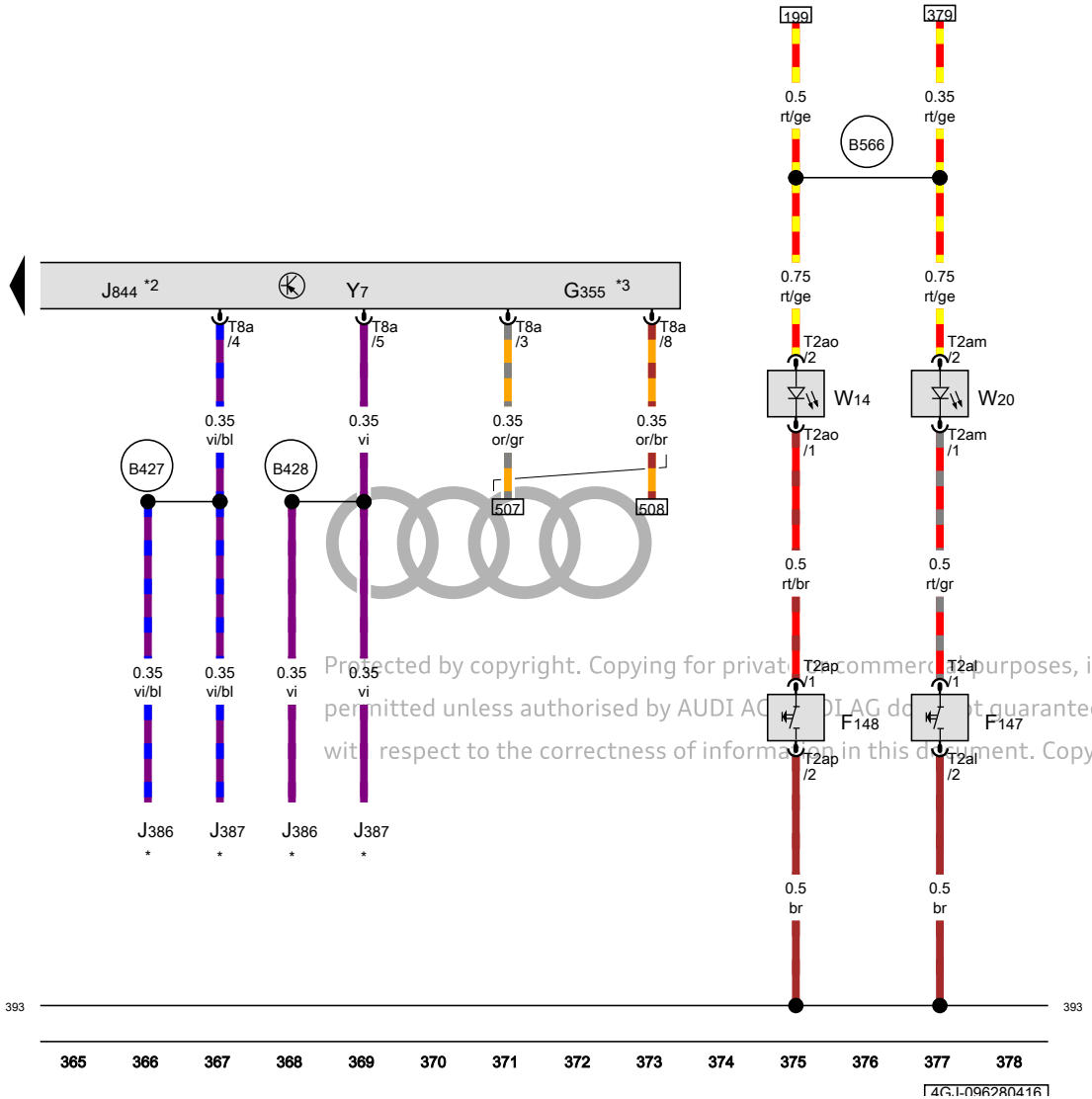
Light sensor, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

G399	Light sensor
J910	Relay for automatic anti-dazzle interior mirror
MX4	Right tail light
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T8a	8-pin connector
Y7	Automatic anti-dazzle interior mirror
393	Earth connection 28, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
B469	Connection 5, in main wiring harness
*	Only models with automatic anti-dazzle interior mirror
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no main beam assist function

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Humidity sender, Main beam assist control unit, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Automatic anti-dazzle interior mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G355	Humidity sender
J386	Driver door control unit
J387	Front passenger door control unit
J844	Main beam assist control unit
T2al	2-pin connector
T2am	2-pin connector
T2ao	2-pin connector
T2ap	2-pin connector
T8a	8-pin connector
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
Y7	Automatic anti-dazzle interior mirror
393	Earth connection 28, in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
B566	Connection 33, in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only models with main beam assist
*3	Only models with humidity sender

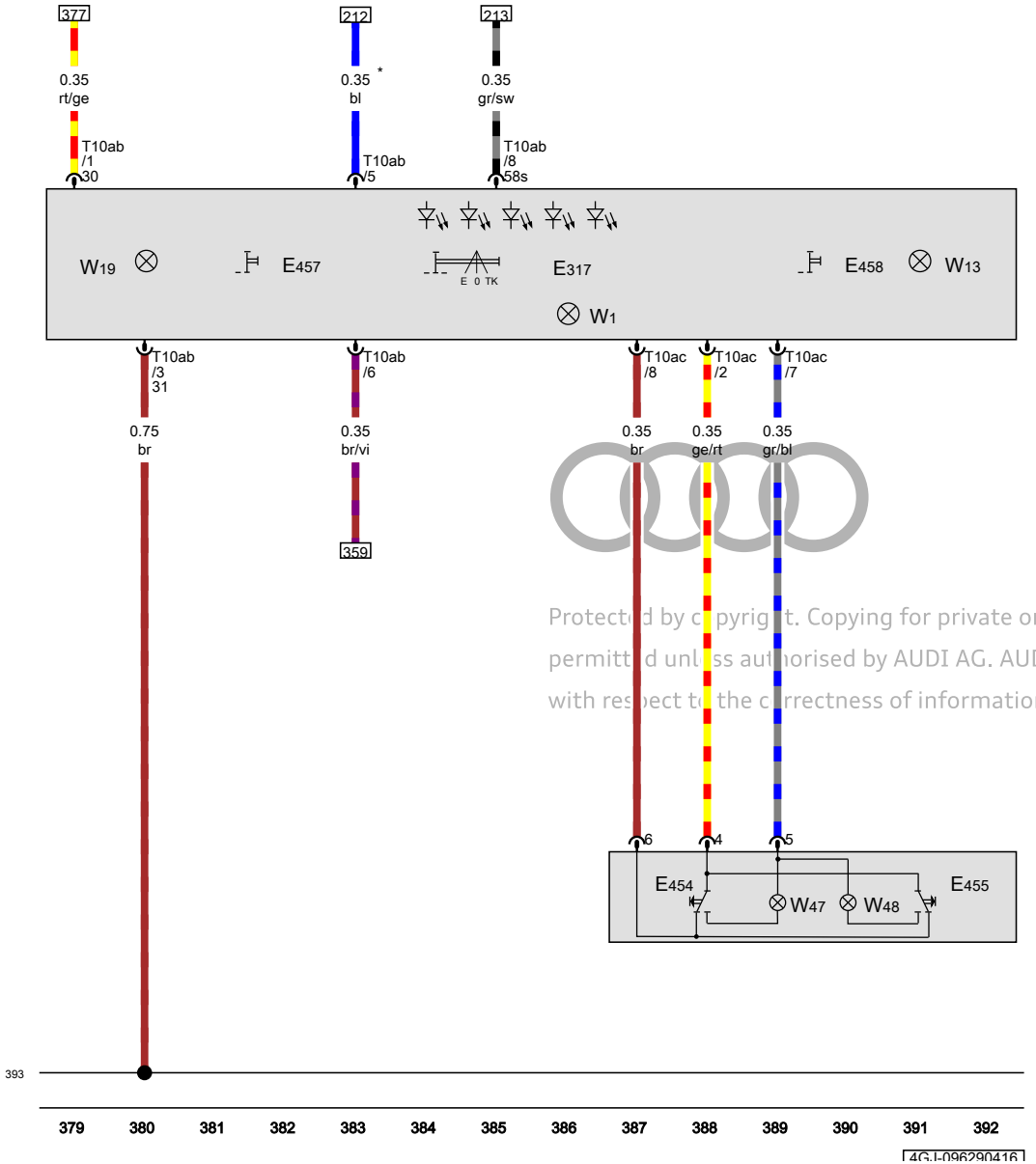


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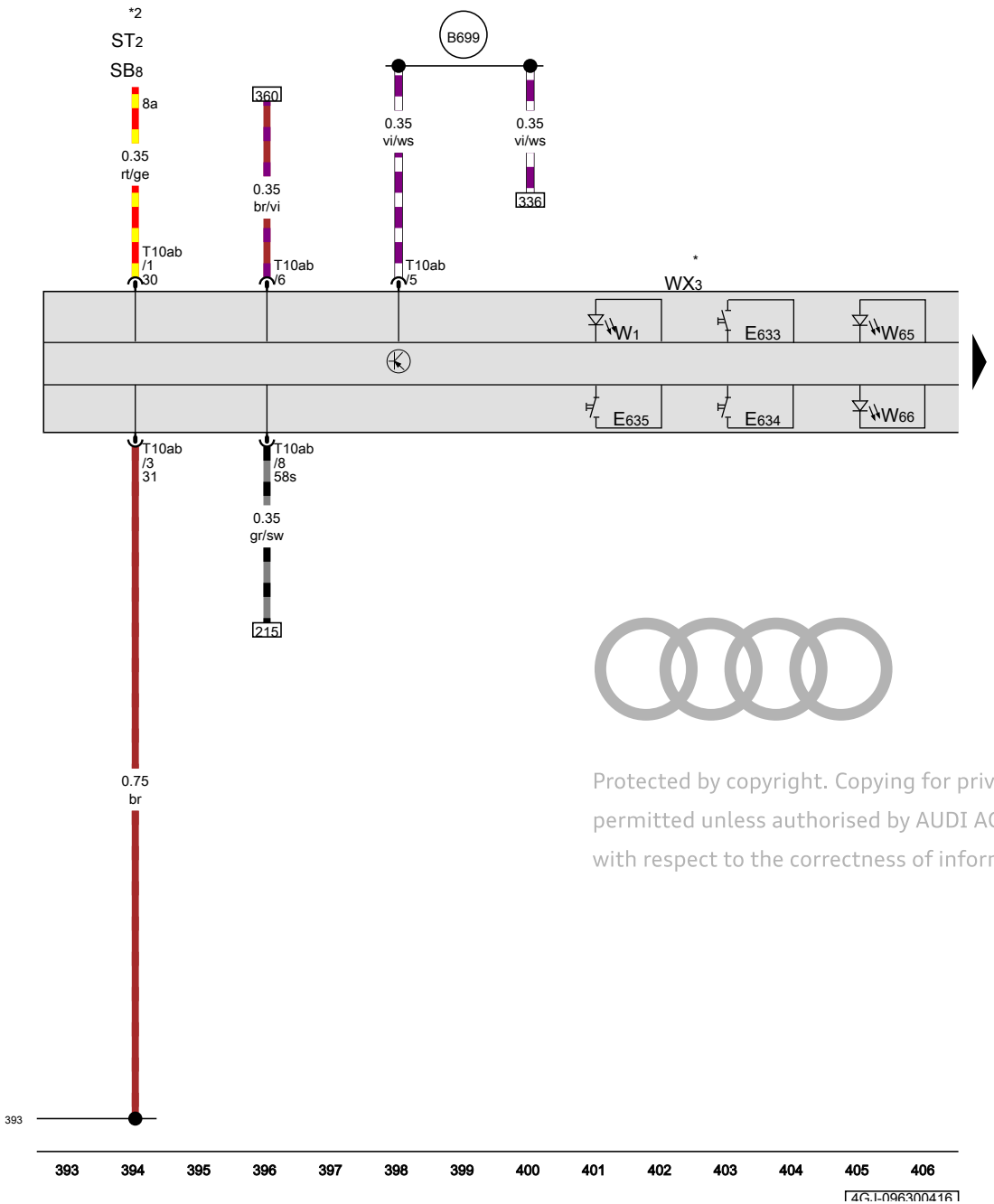
Front passenger reading light, Driver side reading light

E317	Interior light switch
E454	Rear left reading light button
E455	Rear right reading light button
E457	Driver side reading light button
E458	Front passenger side reading light button
T10ab	10-pin connector
T10ac	10-pin connector
W1	Front interior light
W13	Front passenger reading light
W19	Driver side reading light
W47	Rear left interior light
W48	Rear right interior light
393	Earth connection 28, in main wiring harness
*	Wiring colour depends on equipment



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Front interior light, Front roof module

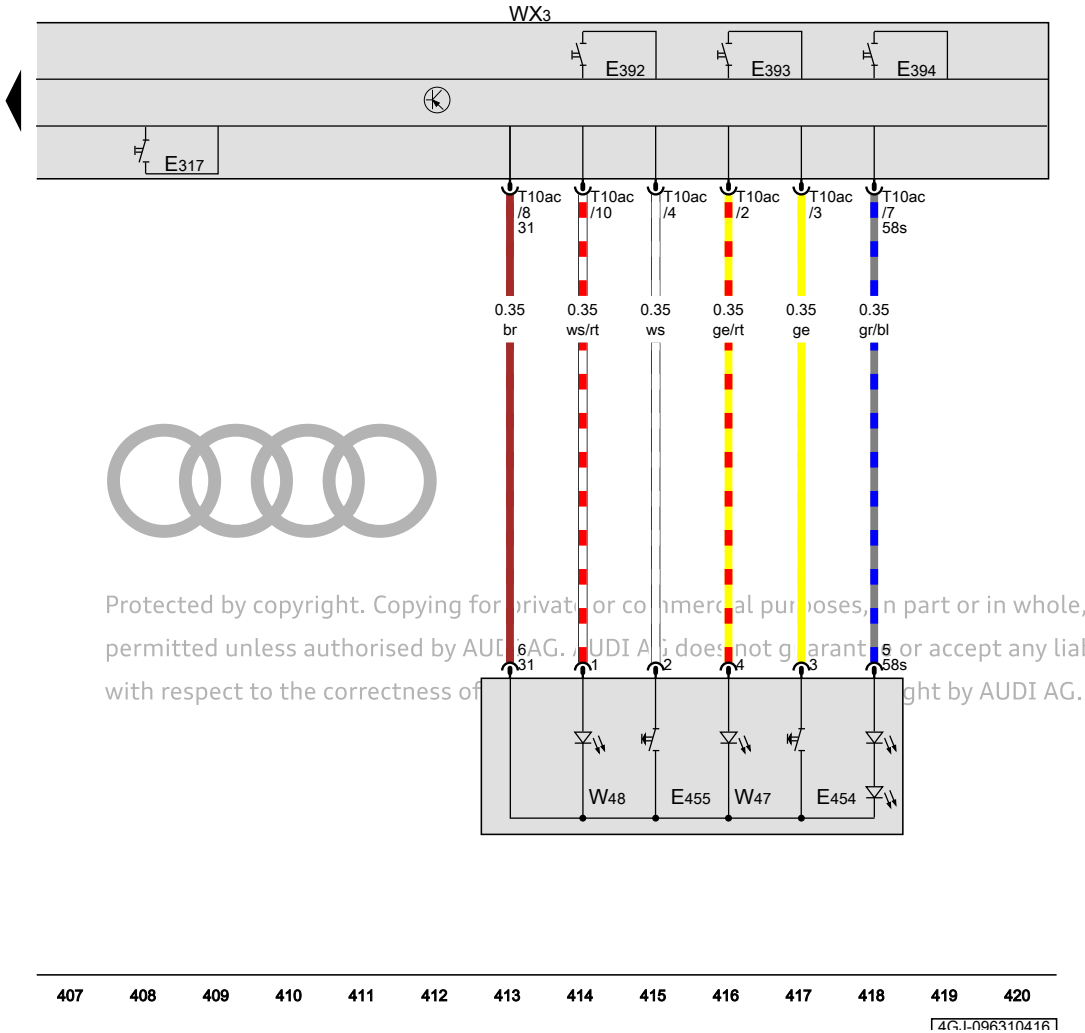
E633	Front left reading light button
E634	Front right reading light button
E635	Front button for rear reading light
ST2	Fuse carrier 2
SB8	Fuse 8 on fuse holder B
T10ab	10-pin connector
W1	Front interior light
WX3	Front roof module
W65	Front left reading light
W66	Front right reading light
393	Earth connection 28, in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	Only models with Highline equipment
*2	see applicable current flow diagram for fuse assignment

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Front roof module, Rear right interior light

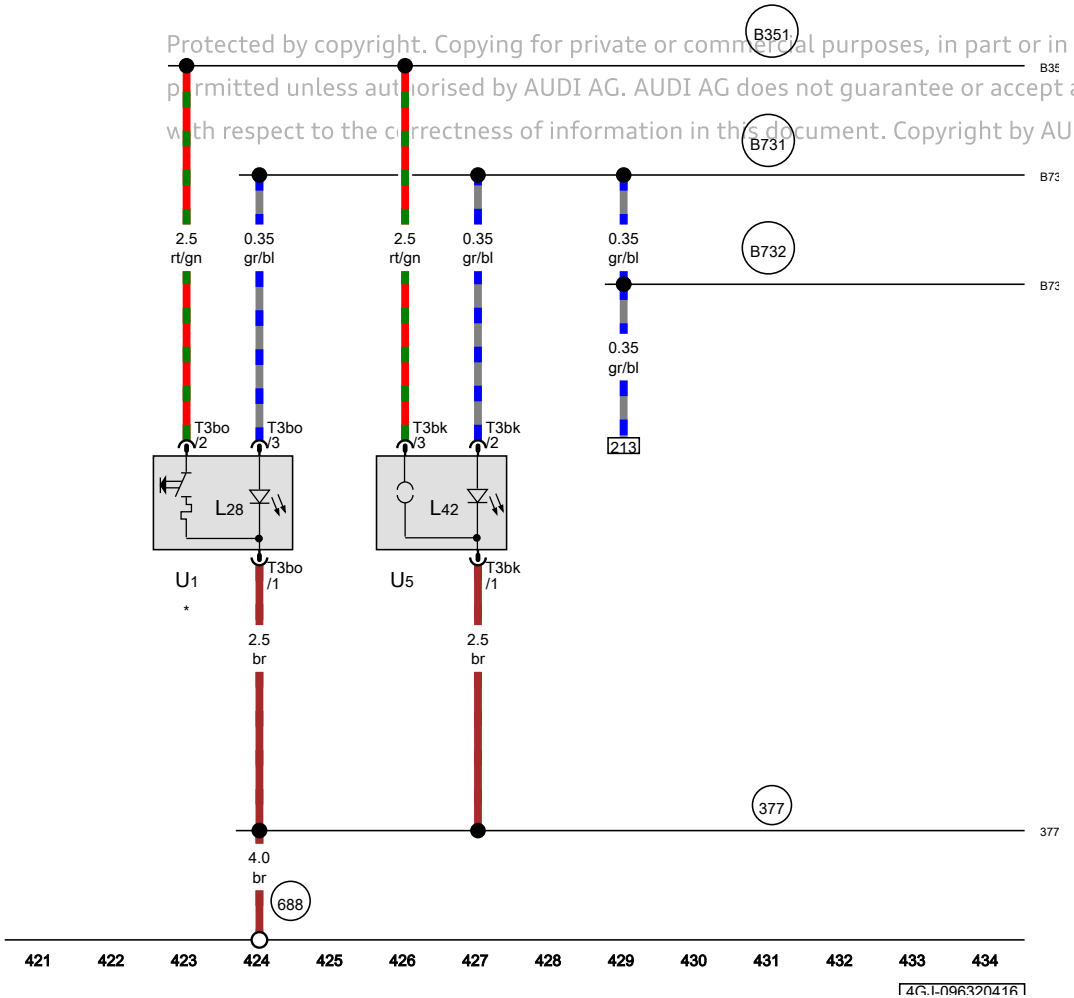
E317	Interior light switch
E392	Garage door opener button 1
E393	Garage door opener button 2
E394	Garage door opener button 3
E454	Rear left reading light button
E455	Rear right reading light button
T10ac	10-pin connector
WX3	Front roof module
W47	Rear left interior light
W48	Rear right interior light



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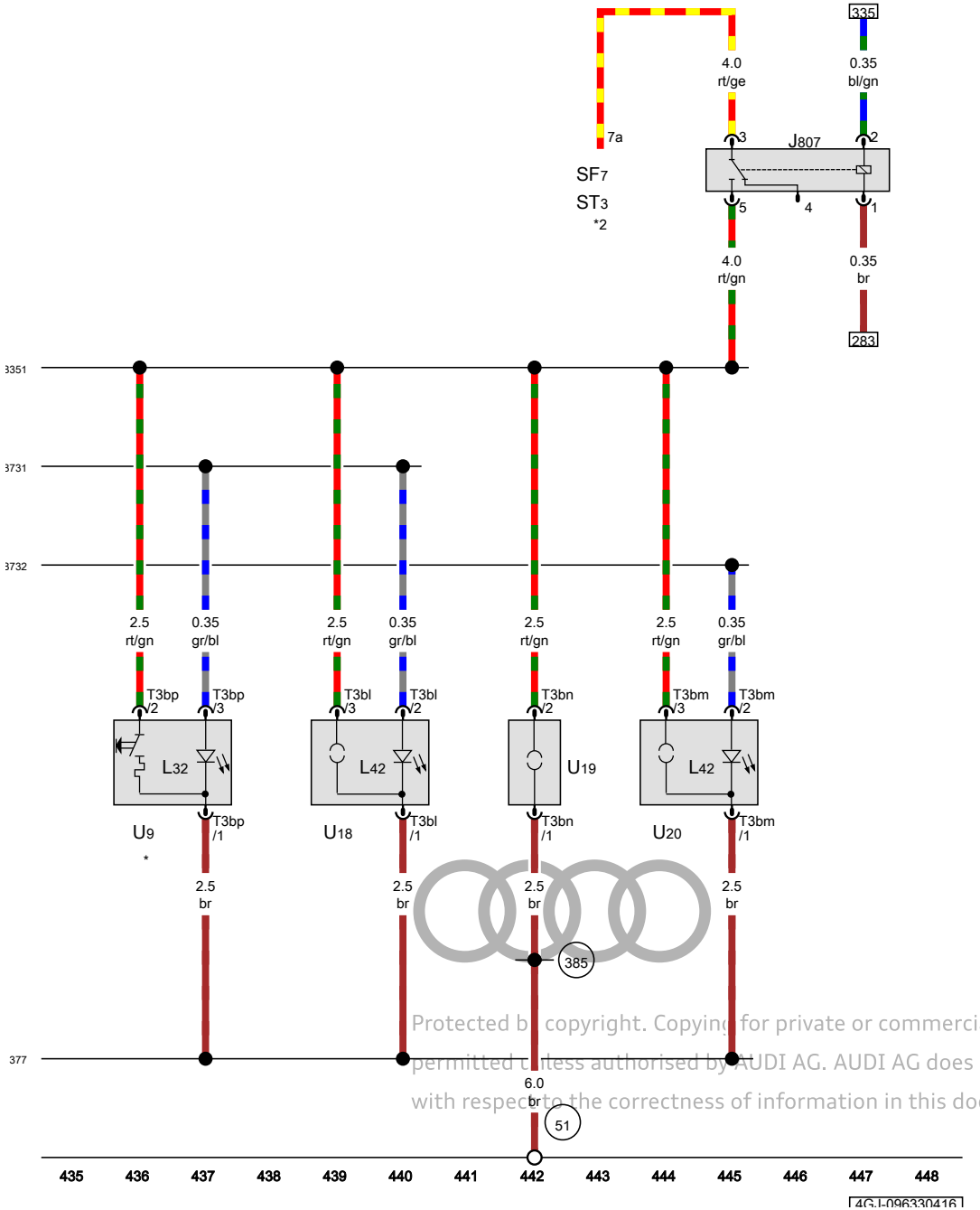
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Cigarette lighter, 12 V socket

L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
T3bk	3-pin connector
T3bo	3-pin connector
U1	Cigarette lighter, in front centre console
U5	12 V socket, in centre console
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models

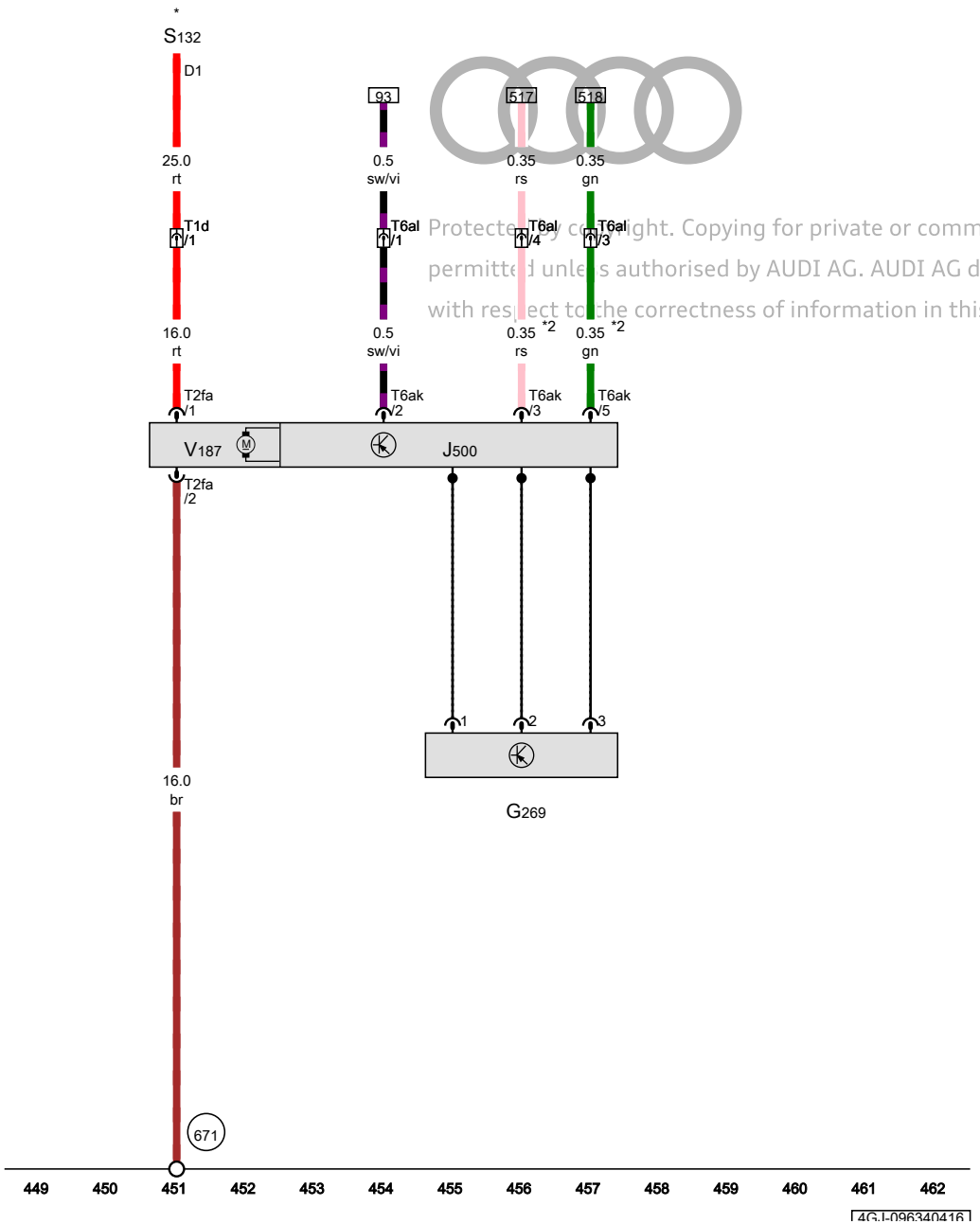


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Relay for power sockets, Rear cigarette lighter, 12 V socket 2, 12 V socket 3

J807	Relay for power sockets
L32	Rear cigarette lighter illumination bulb
L42	Socket illumination bulb
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
T3bl	3-pin connector
T3bm	3-pin connector
T3bn	3-pin connector
T3bp	3-pin connector
U9	Rear cigarette lighter, in rear centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3, in luggage compartment
U20	12 V socket 4, in rear centre console
51	Earth point, on right in luggage compartment
377	Earth connection 12, in main wiring harness
385	Earth connection 20, in main wiring harness
B351	Positive connection 2 (87a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only smoker version models
*2	see applicable current flow diagram for fuse assignment

ws	=	white
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rt	=	red
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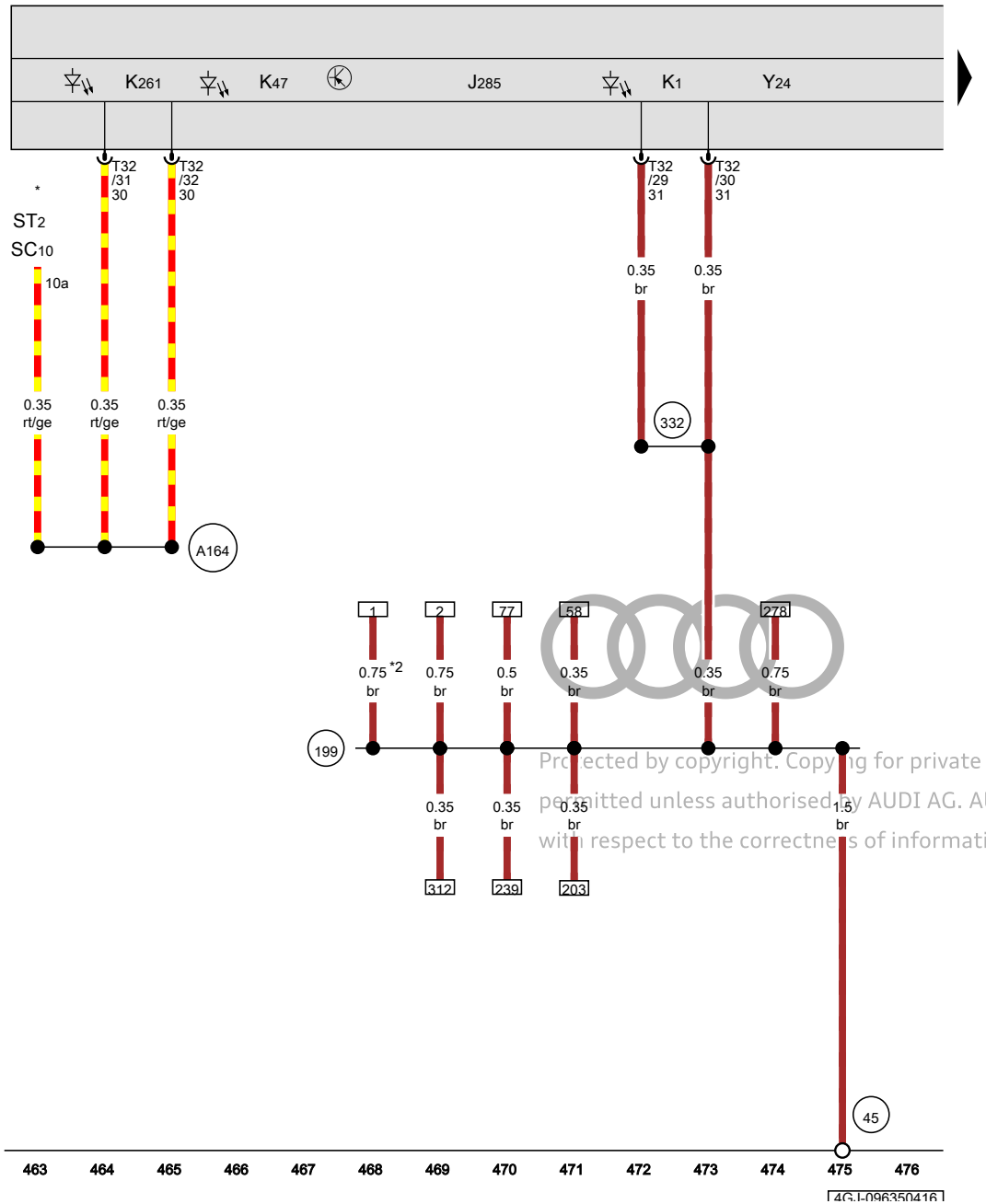


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Power steering control unit

G269	Steering moment sender
J500	Power steering control unit
S132	Fuse 2
T1d	Single connector, on front left on vehicle floor
T2fa	2-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
V187	Electromechanical power steering motor
671	Earth point 1, on front of left longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (FlexRay bus)

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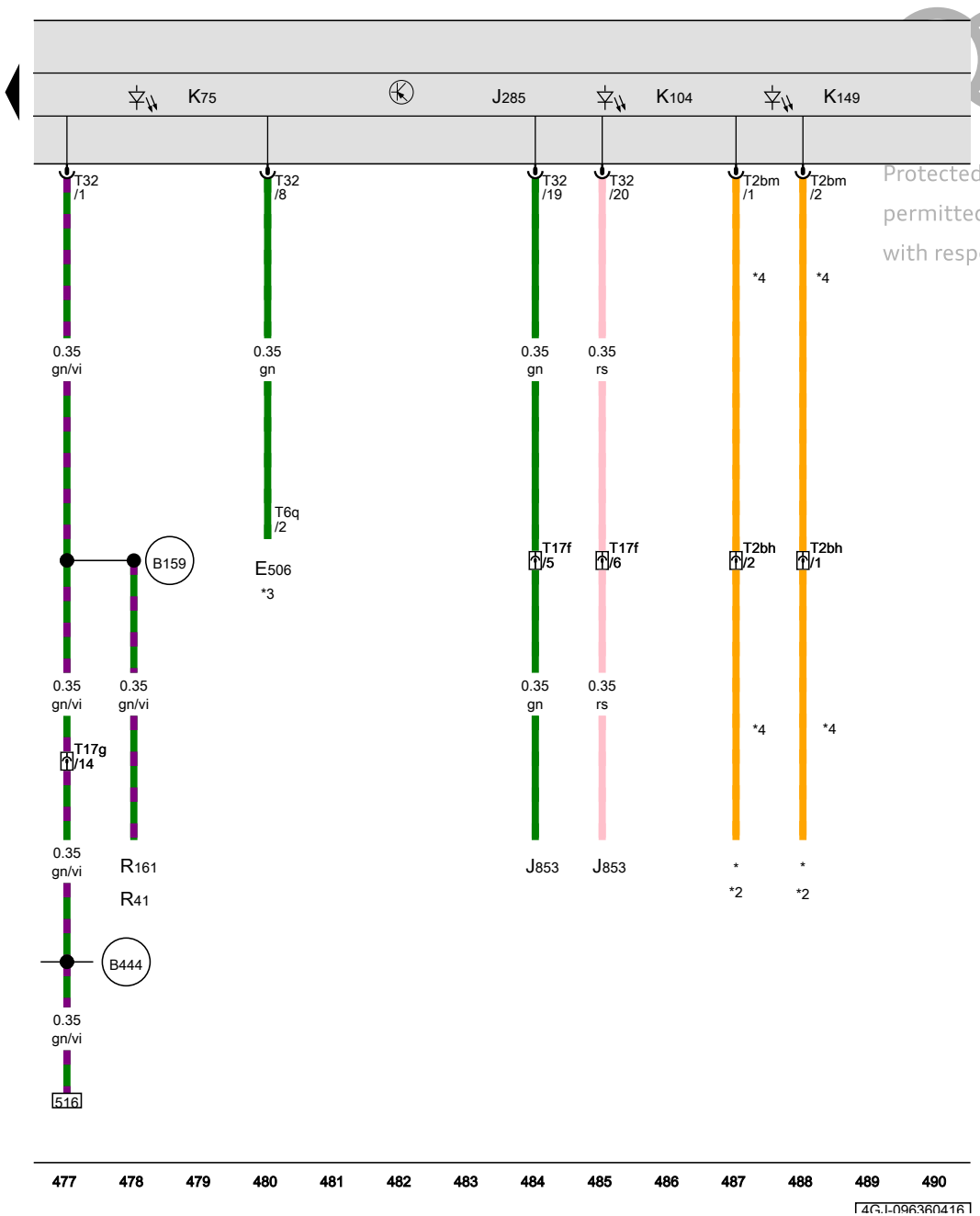


Control unit in dash panel insert

J285	Control unit in dash panel insert
K1	Main beam warning lamp
K47	ABS warning lamp
K261	Warning lamp for left turn signal
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
T32	32-pin connector
Y24	Display in dash panel insert
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
332	Earth connection 4, in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with heated steering wheel

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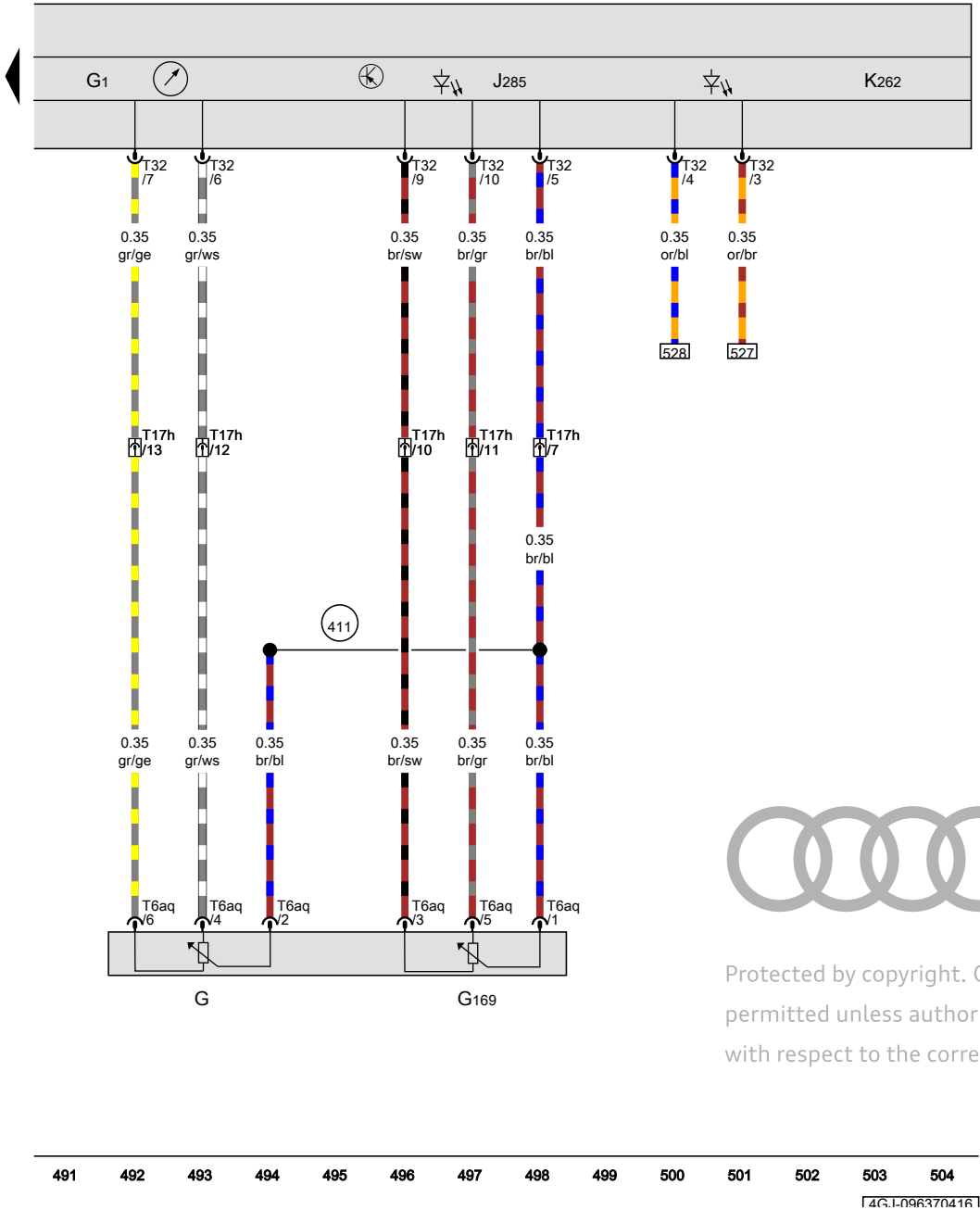


Display unit button, Control unit in dash panel insert

E506	Display unit button
J285	Control unit in dash panel insert
J853	Control unit for night vision system
K75	Airbag warning lamp
K104	Diesel electronics warning lamp
K149	Engine electronics warning lamp
R41	CD changer
R161	DVD changer
T2bh	2-pin connector, Centre console, front right
T2bm	2-pin connector
T6q	6-pin connector
T17f	17-pin connector, in right A-pillar coupling station
T17g	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for data bus network
*3	see applicable current flow diagram for MMI (information electronics)
*4	Fibre optic cable (FOC)

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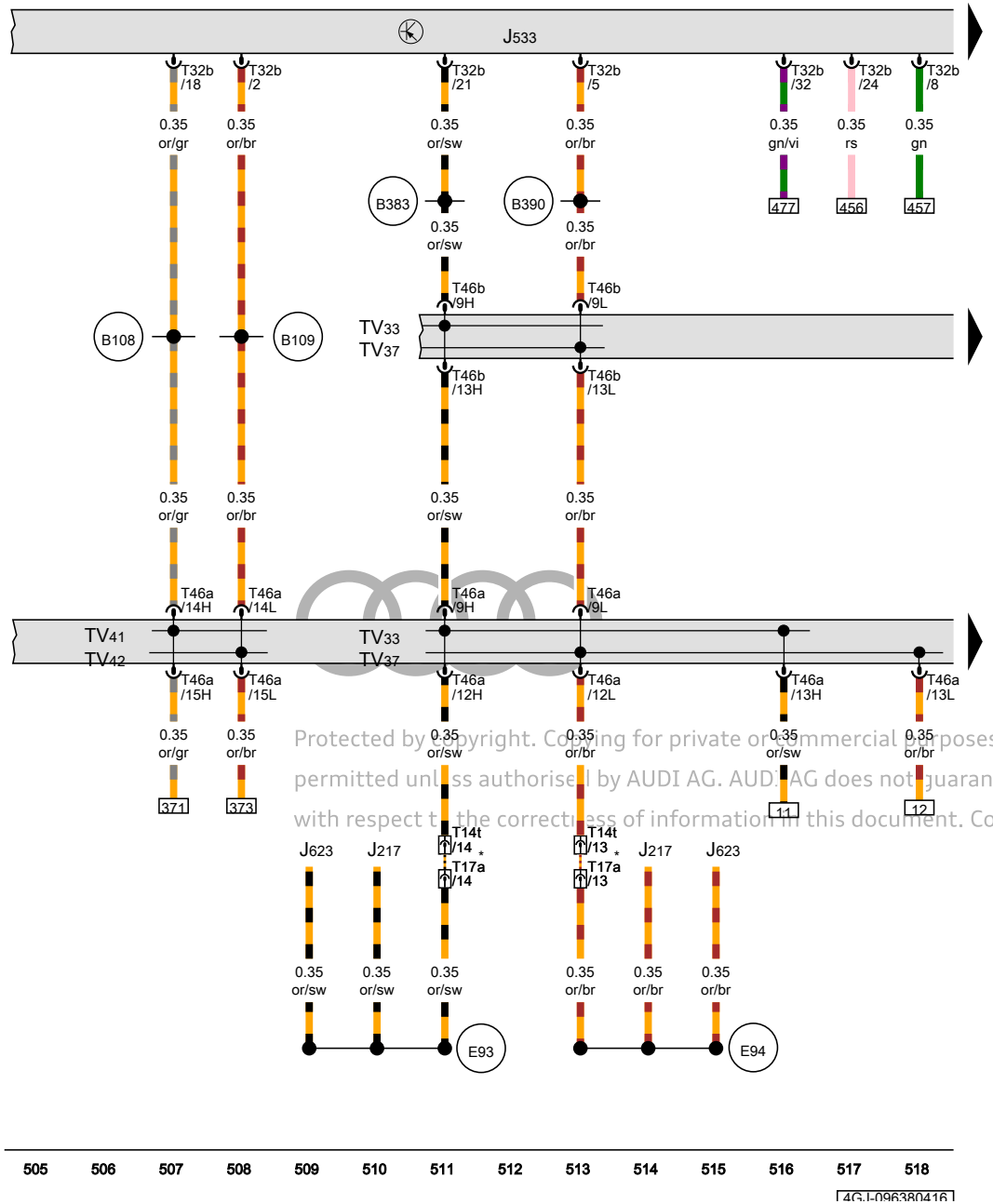


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K262	Warning lamp for right turn signal
T6aq	6-pin connector
T17h	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
411	Earth connection 2 (sender earth) in main wiring harness

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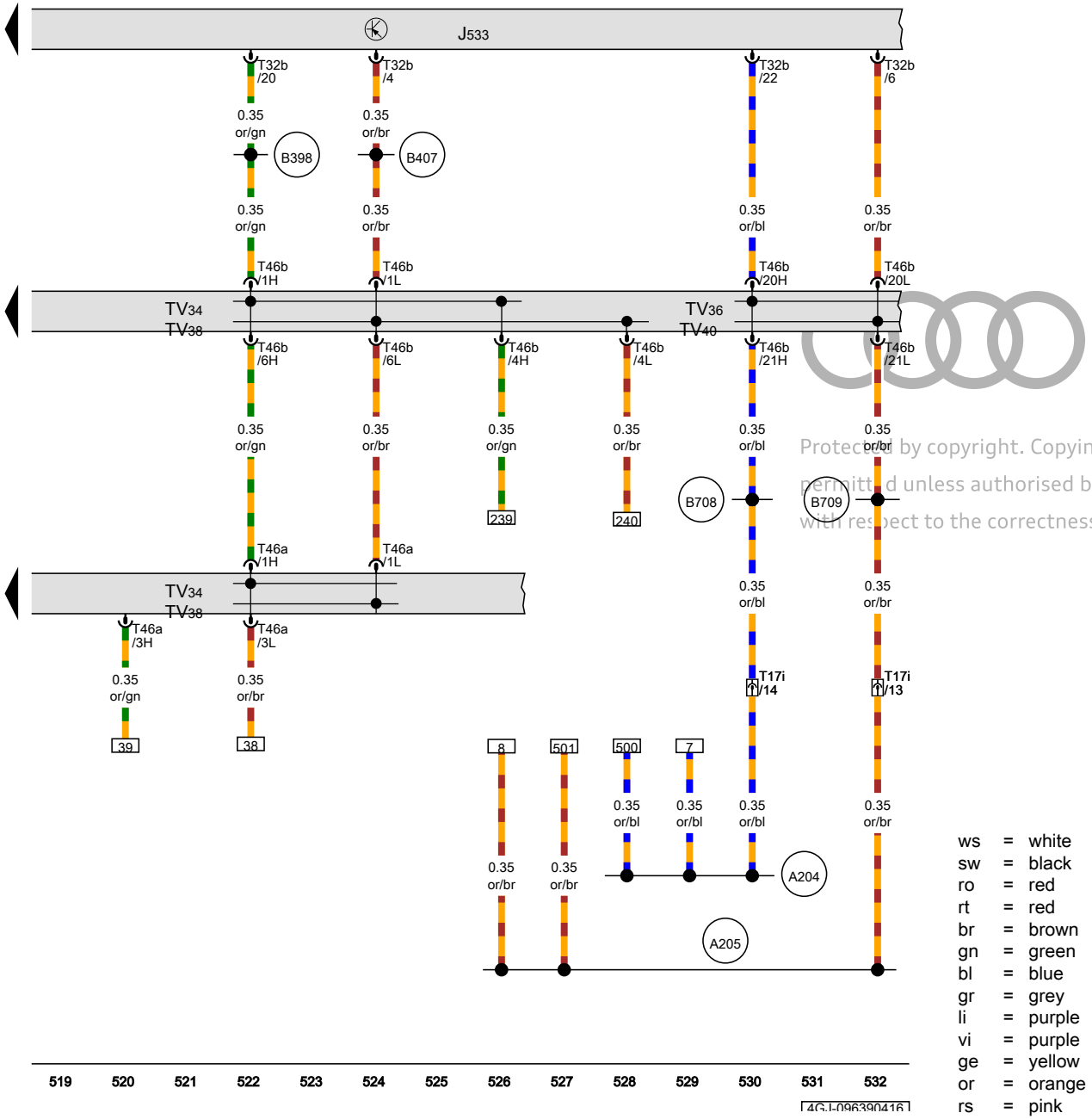


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for engine

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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high

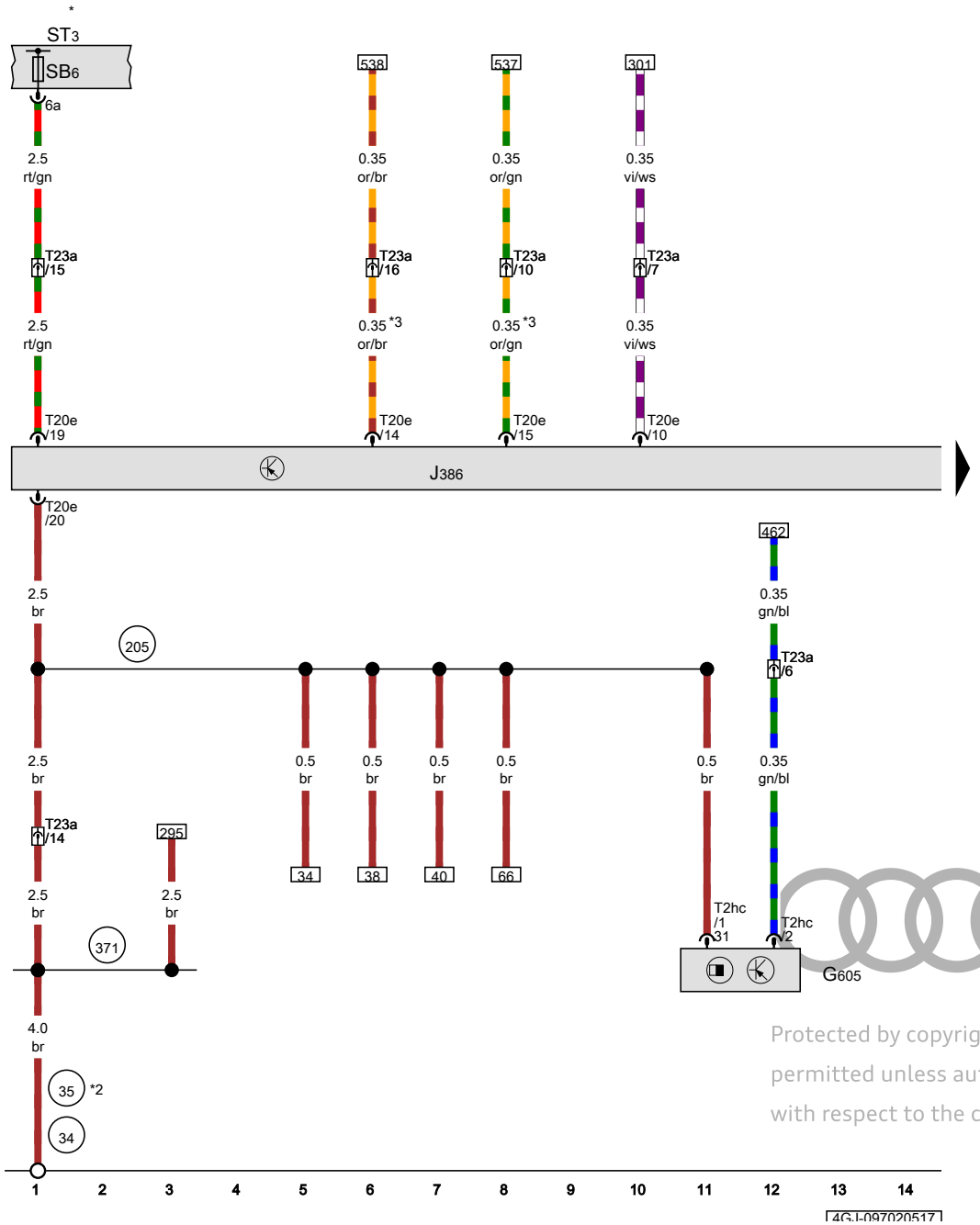
J533	Data bus diagnostic interface
T17i	17-pin connector, in right A-pillar coupling station
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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Convenience system , (L0L)

From September 2014

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Contact sensor for front left exterior door handle, Driver door control unit

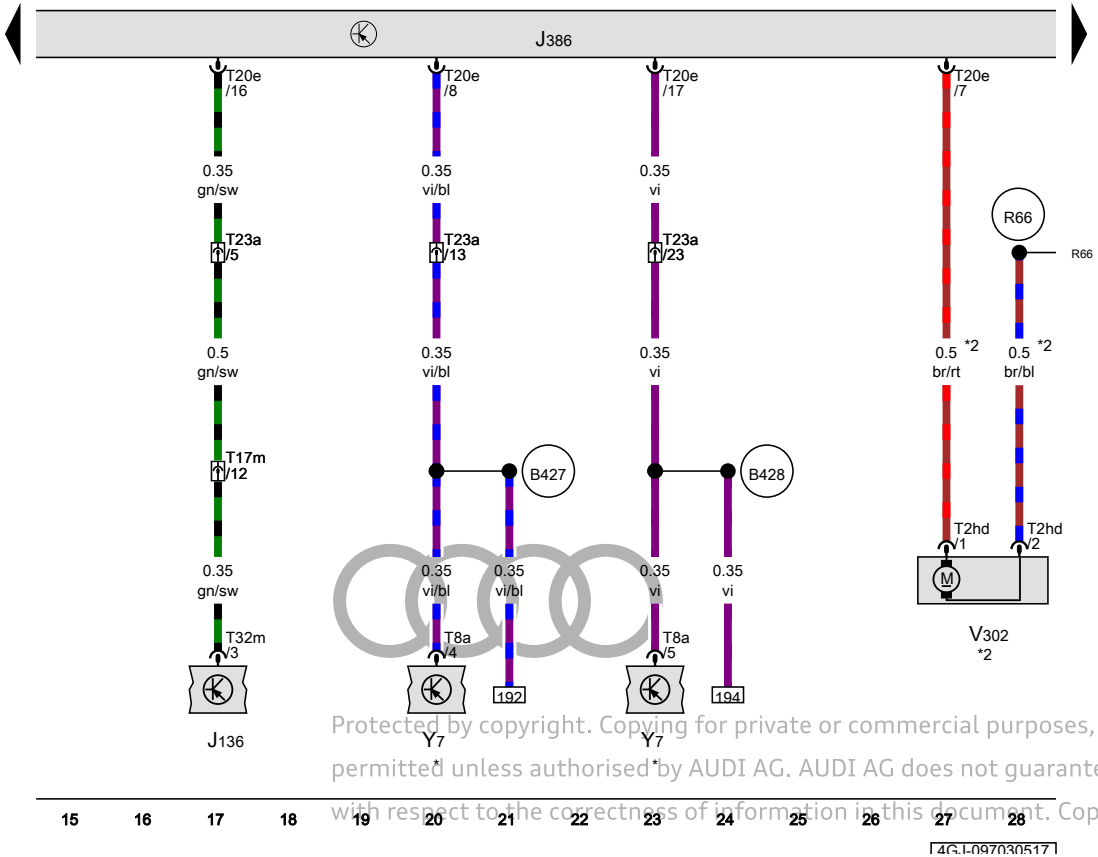
G605	Contact sensor for front left exterior door handle
J386	Driver door control unit
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
T2hc	2-pin connector
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
34	Earth point, under driver seat
35	Earth point, under front passenger seat
205	Earth connection, in driver door wiring harness
371	Earth connection 6, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models
*3	Data bus wire (CAN bus)

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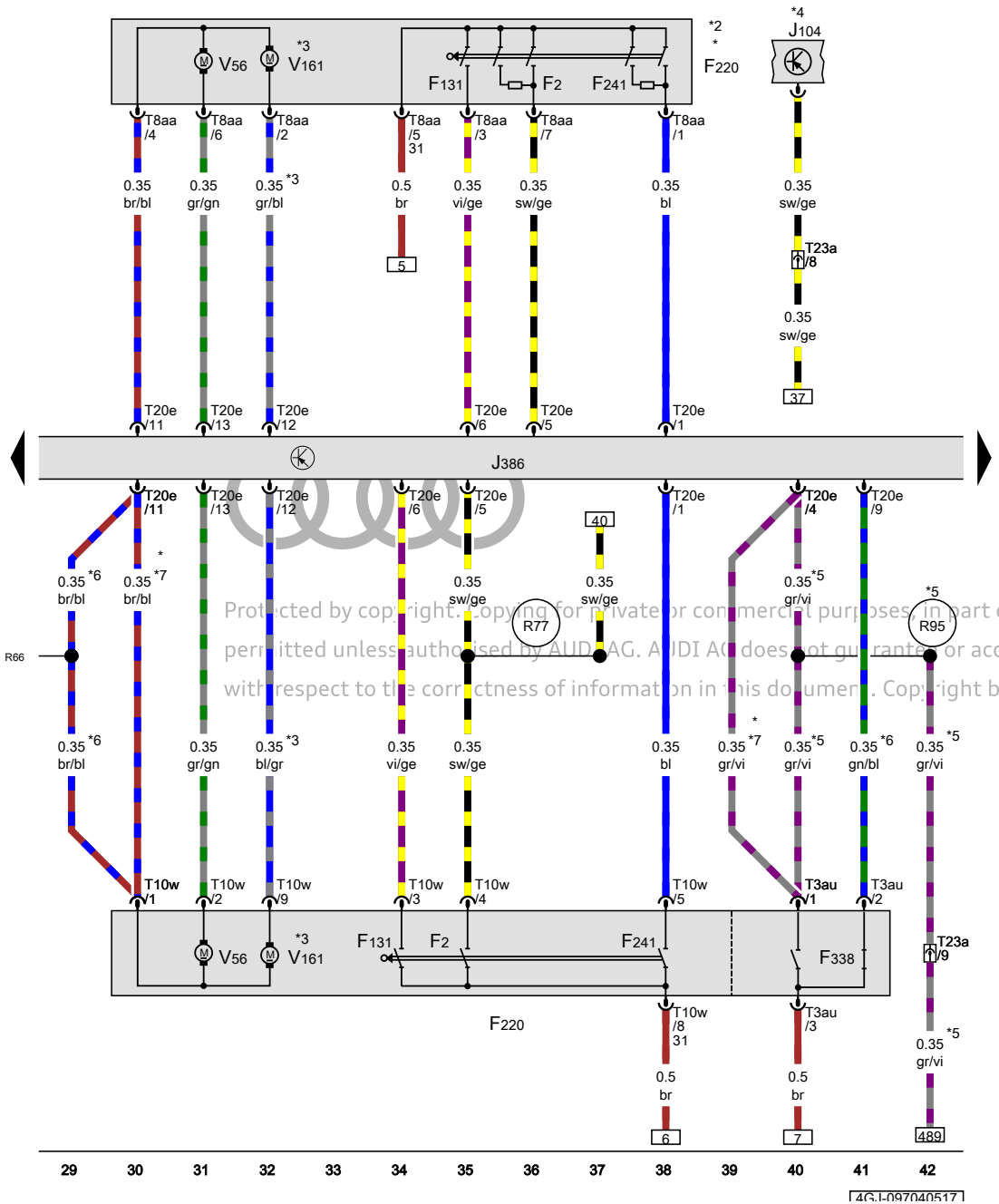
Driver door control unit, Driver door power latching motor

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
T2hd	2-pin connector
T8a	8-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
T32m	32-pin connector
V302	Driver door power latching motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
R66	Positive connection (central locking), in driver door wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with power latching system



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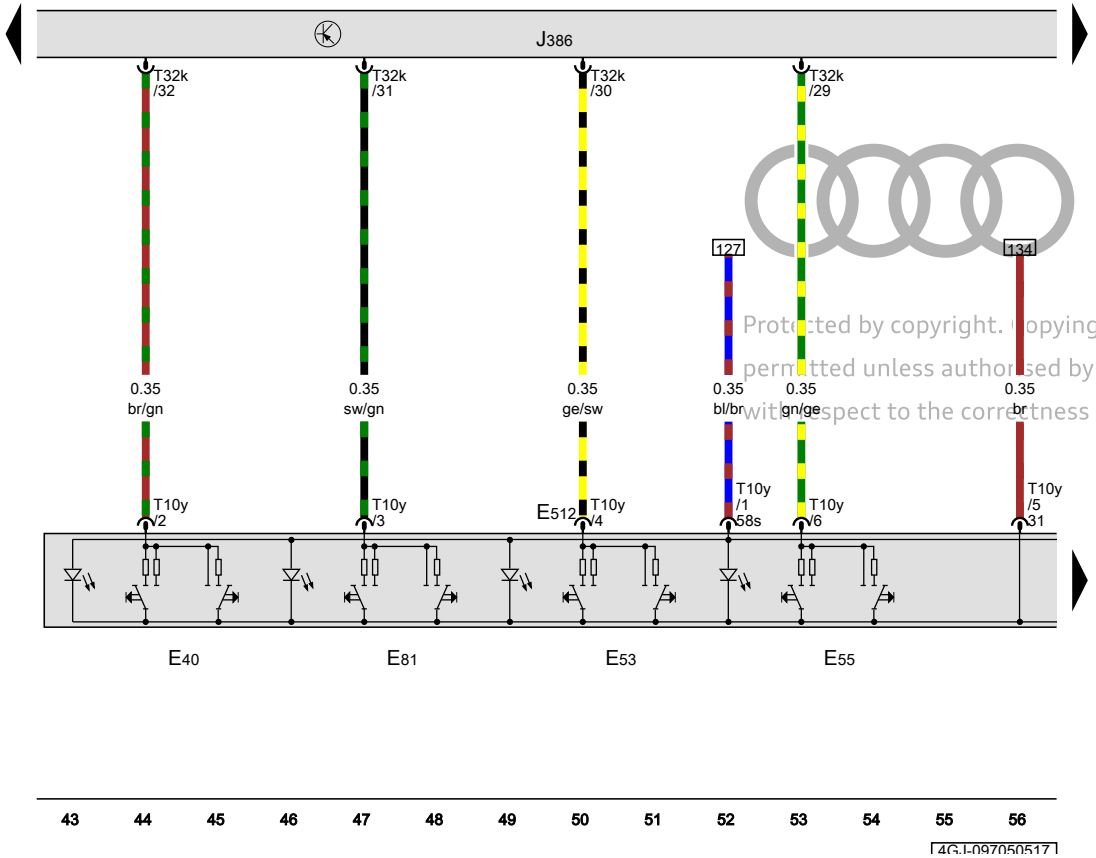
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Driver side central locking lock unit, Driver door control unit

F2	Driver door contact switch
F131	Front left central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
F338	Driver door power latching system contact switch
J104	ABS control unit
J386	Driver door control unit
T3au	3-pin connector
T8aa	8-pin connector
T10w	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, in left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
R66	Positive connection (central locking), in driver door wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
R95	Connection 2 in driver side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	see applicable current flow diagram for ABS
*5	For models with hybrid drive system
*6	For models with power latching system
*7	For models with adaptive cruise control (ACC)

Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10y	10-pin connector
T32k	32-pin connector

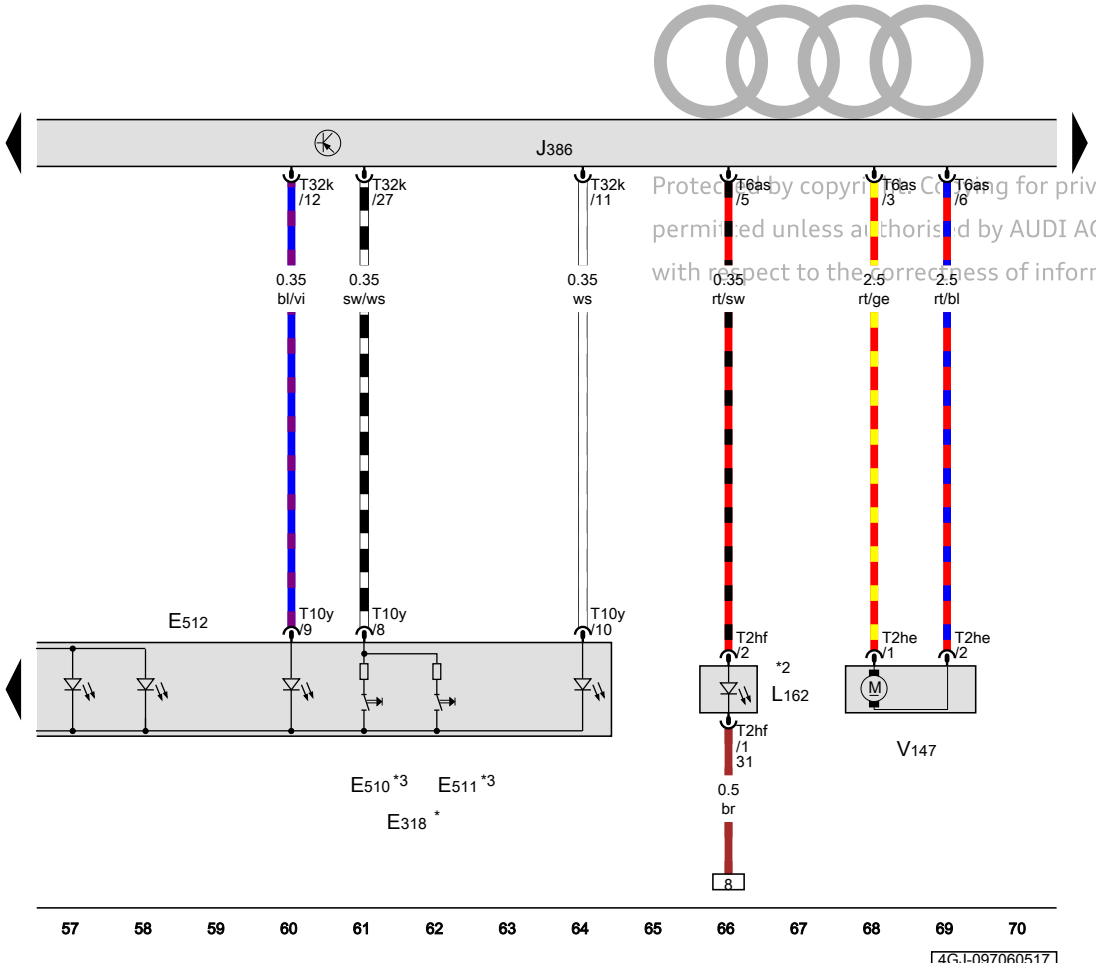


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Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Front left door exterior handle illumination bulb, Driver side window regulator motor

E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L162	Front left door exterior handle illumination bulb
T2he	2-pin connector
T2hf	2-pin connector
T6as	6-pin connector
T10y	10-pin connector
T32k	32-pin connector
V147	Driver side window regulator motor
*	For models with no childproof locks
*2	For models with additional lights
*3	For models with childproof locks

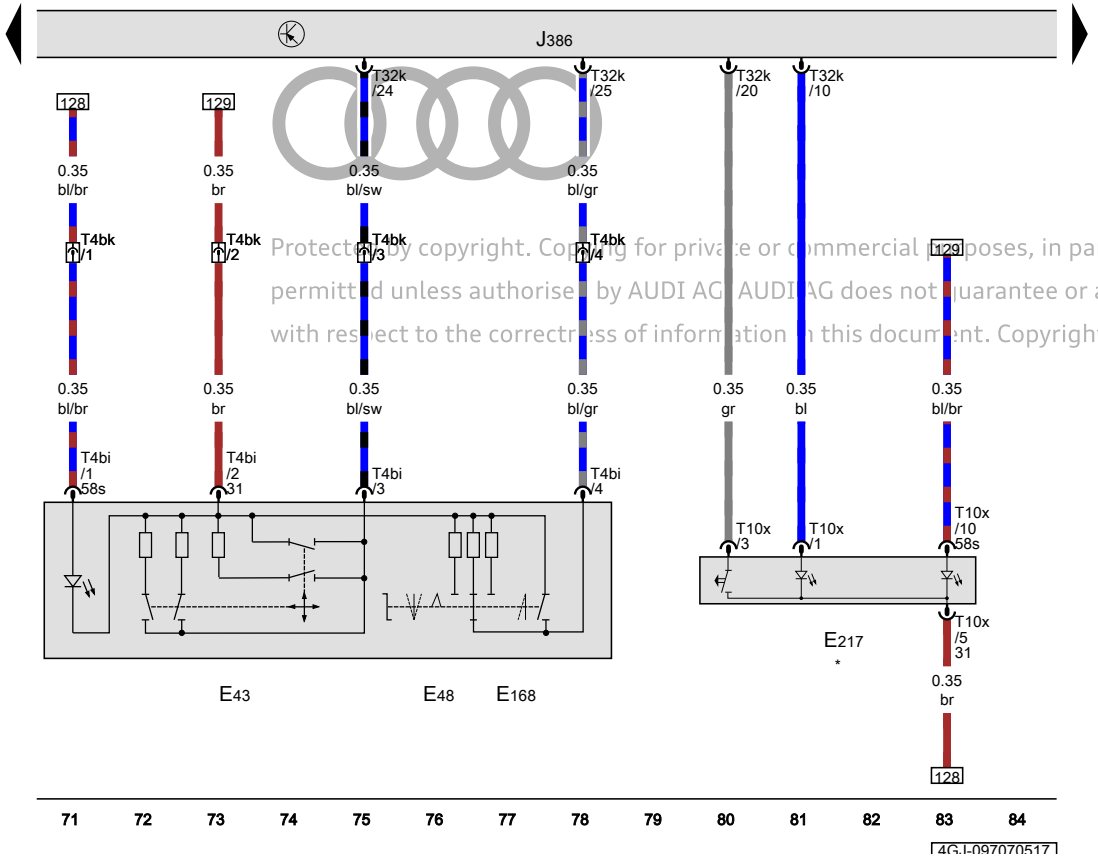


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Mirror adjustment switch, Alarm system off switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E217	Alarm system off switch
J386	Driver door control unit
T4bi	4-pin connector
T4bk	4-pin connector, in front left door
T10x	10-pin connector
T32k	32-pin connector
*	For models with anti-theft alarm system, interior monitor and tow-away protection



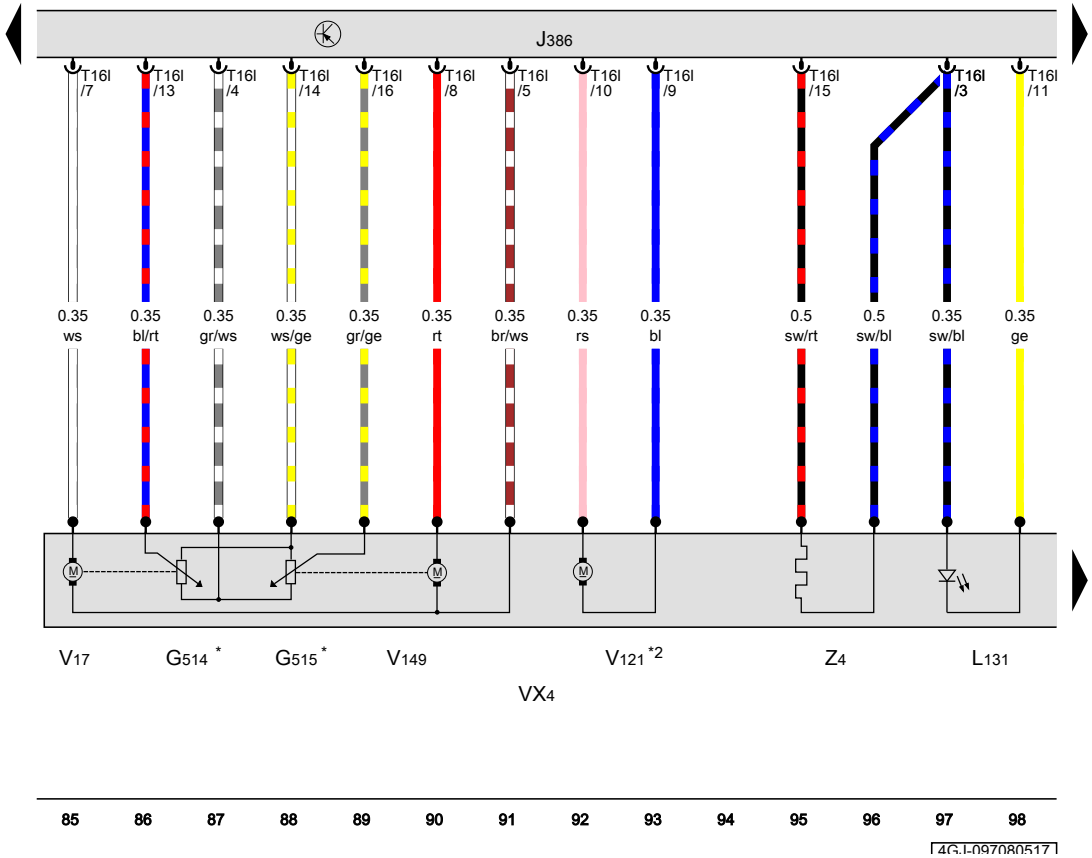
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Driver door control unit, Driver side exterior mirror, Driver side mirror adjustment motor 2

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T16l	16-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
*	Optional equipment
*2	For models with fold-in mirror

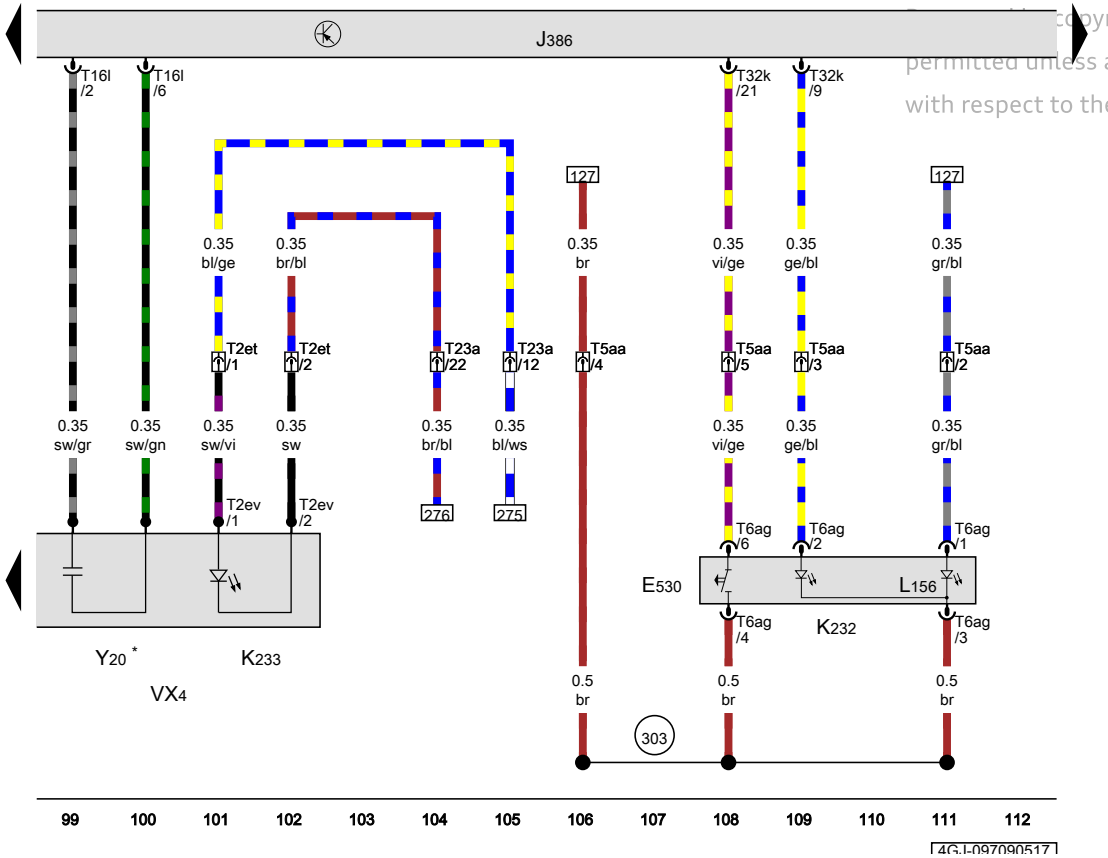


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Button for lane change assist, Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side exterior mirror

E530	Button for lane change assist
J386	Driver door control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L156	Switch illumination bulb
T2et	2-pin connector, in driver door
T2ev	2-pin connector
T5aa	5-pin connector, in front left door
T6ag	6-pin connector
T16l	16-pin connector
T23a	23-pin connector, in left A-pillar
T32k	32-pin connector
VX4	Driver side exterior mirror
Y20	Automatic anti-dazzle exterior mirror, driver side
303	Earth connection 3, in drive side door wiring harness
*	For models with automatic anti-dazzle exterior mirror

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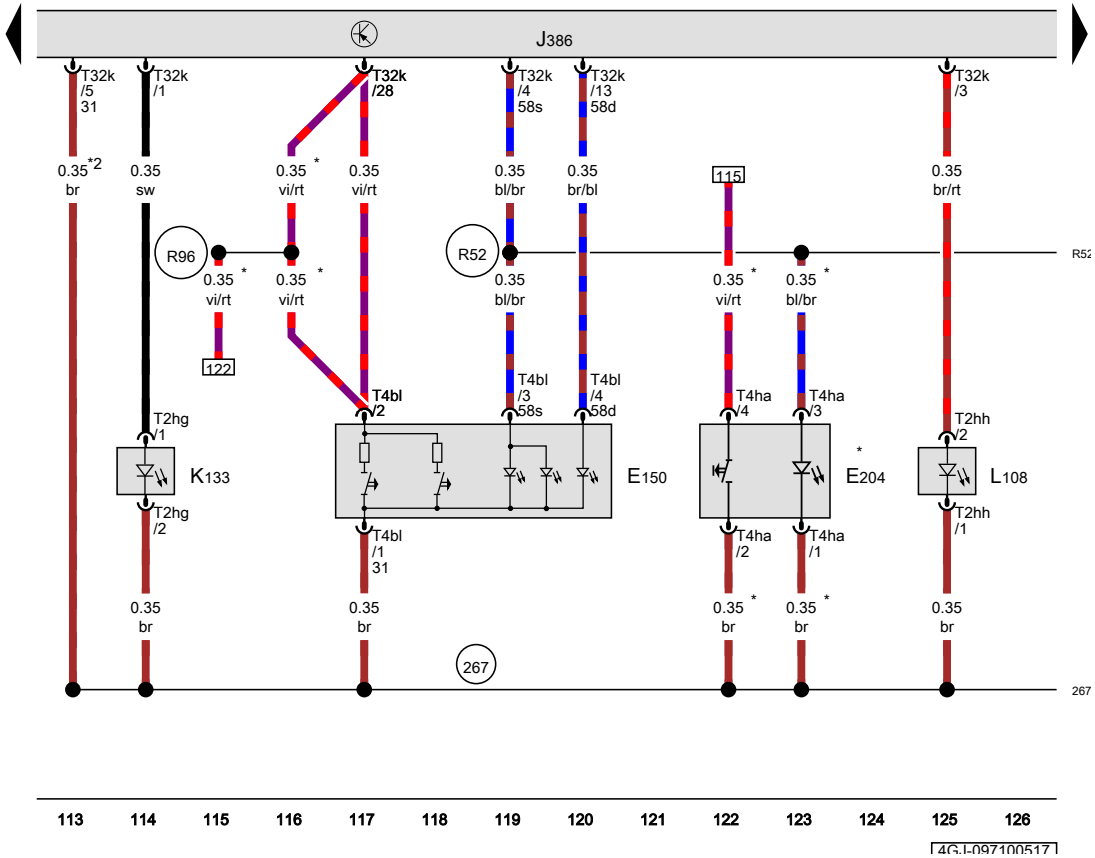


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Driver side interior locking switch, Tank filler flap remote release switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb

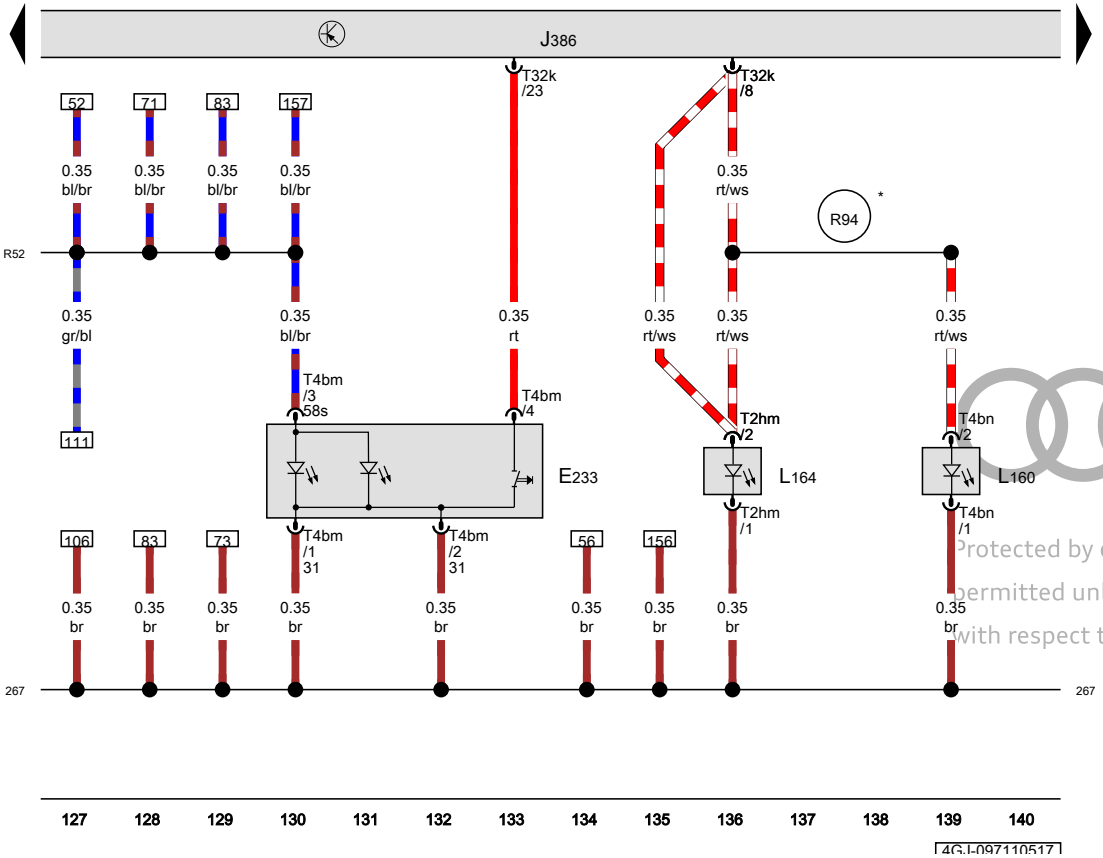
E150	Driver side interior locking switch
E204	Tank filler flap remote release switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
T2hg	2-pin connector
T2hh	2-pin connector
T4bl	4-pin connector
T4ha	4-pin connector, blue
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R96	Connection 3 in driver side door wiring harness
*	For models with hybrid drive system
*2	Output for switch earth



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rs	=	pink

Rear lid remote release button, Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb

E233	Rear lid remote release button
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2hm	2-pin connector
T4bm	4-pin connector
T4bn	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R94	Connection 1 in driver side door wiring harness
*	For models with additional lights

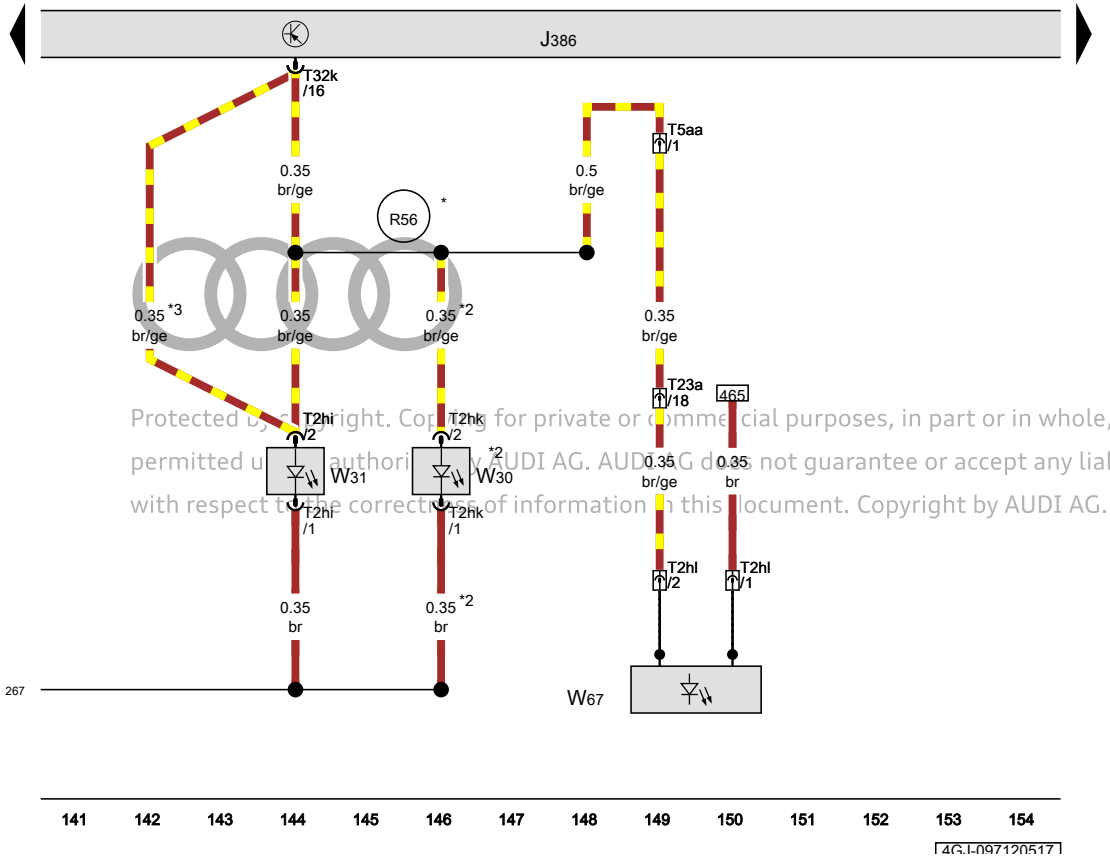


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Driver door control unit, Driver side door warning lamp, Front left entry light, Light conductor for front left sill panel moulding ambient lighting

J386	Driver door control unit
T2hi	2-pin connector
T2hk	2-pin connector
T2hl	2-pin connector
T5aa	5-pin connector, in front left door
T23a	23-pin connector, on left A-pillar
T32k	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
W67	Light conductor for front left sill panel moulding ambient lighting
267	Earth connection 2, in drive side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	For models with additional lights
*2	Up to May 2017
*3	For models with no additional lights

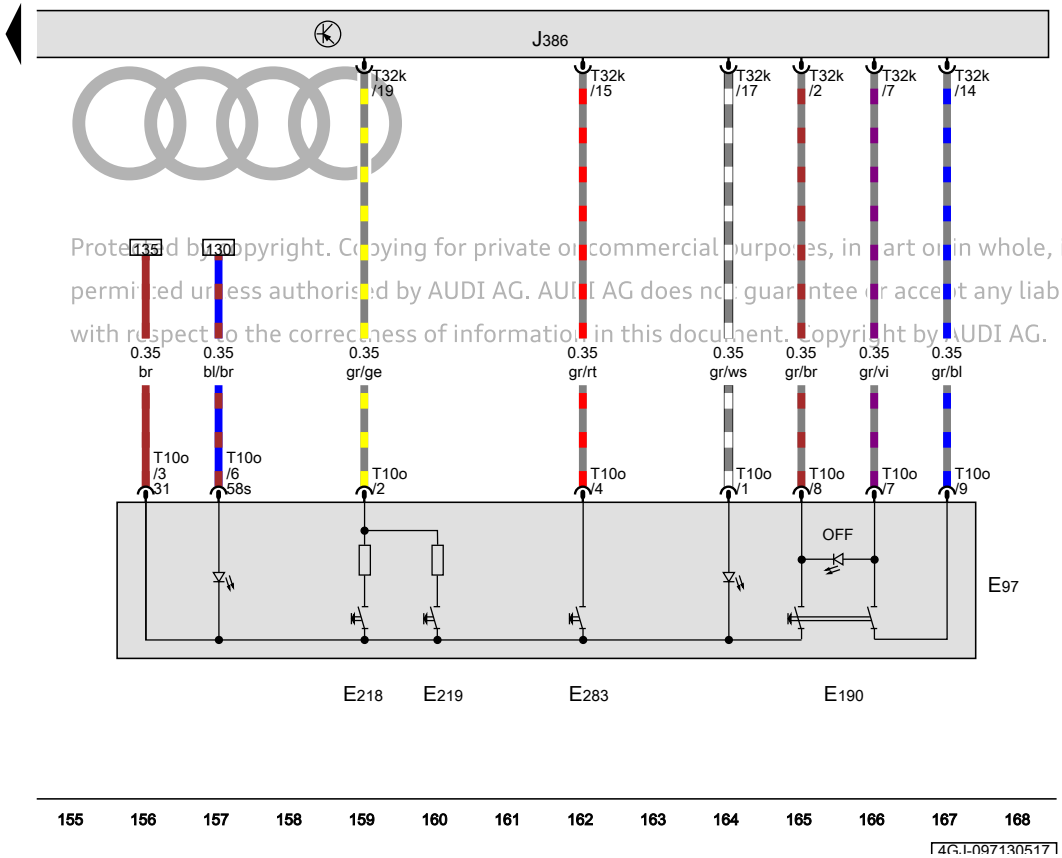


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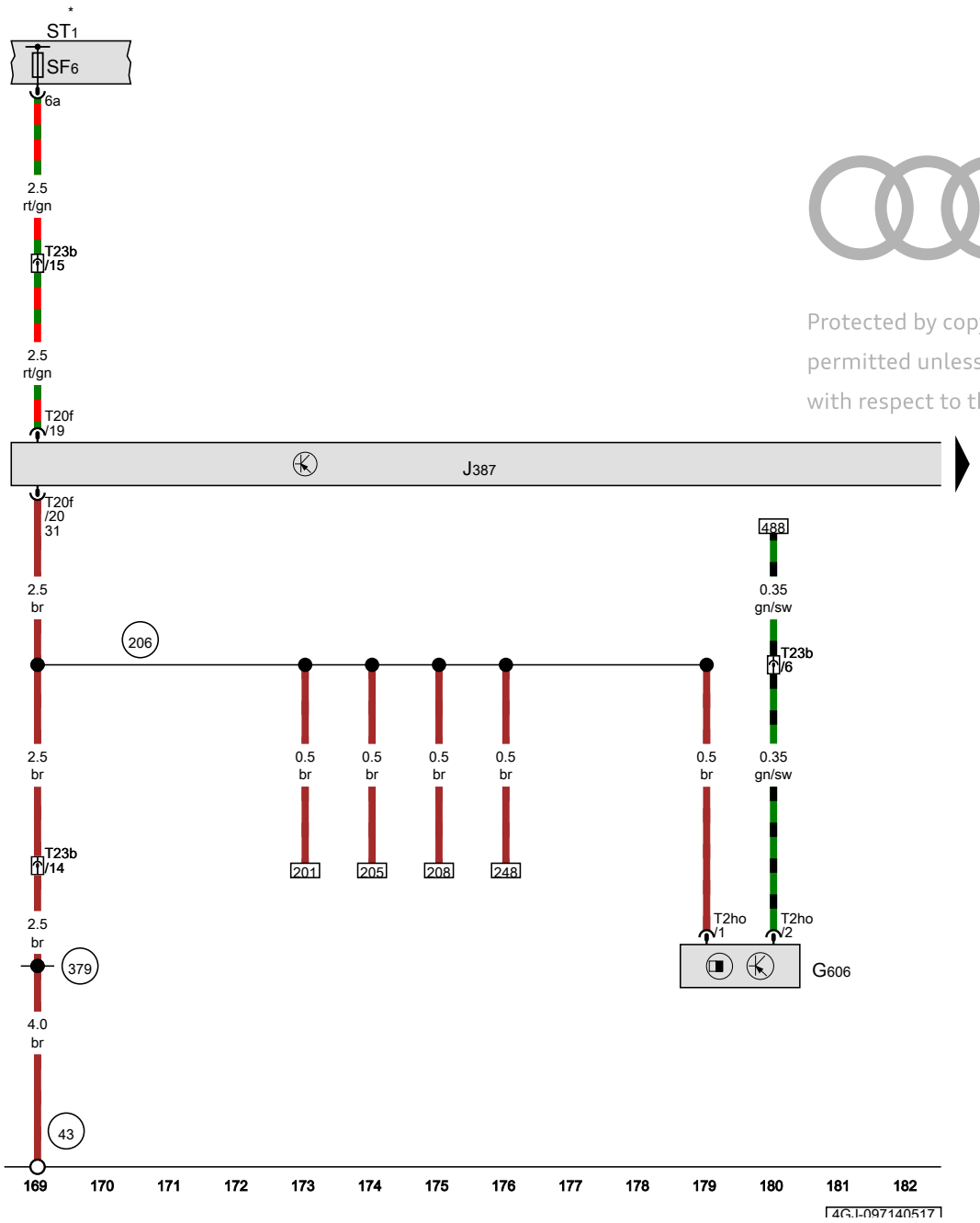
Driver seat memory operating unit, Emergency-off button, Seat memory position button 1, Driver seat memory function button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T32k	32-pin connector



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Contact sensor for front right exterior door handle, Front passenger door control unit

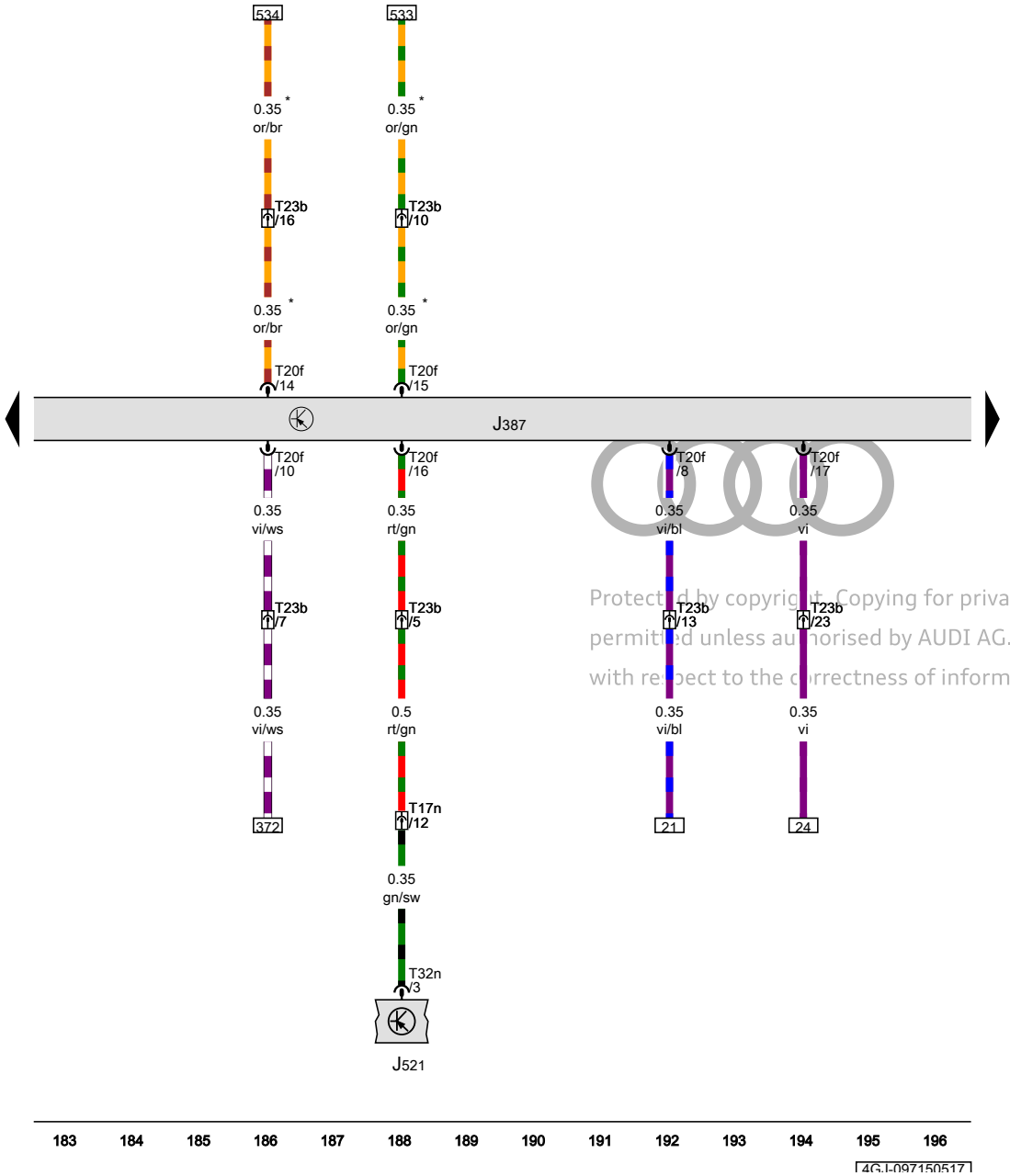
G606	Contact sensor for front right exterior door handle
J387	Front passenger door control unit
ST1	Fuse carrier 1
SF6	Fuse 6 in fuse holder F
T2ho	2-pin connector
T20f	20-pin connector
T23b	23-pin connector, in right A-pillar
43	Earth point, lower part of right A-pillar
206	Earth connection, in front passenger door wiring harness
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Front passenger door control unit

J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
T17n	17-pin connector, in coupling point for front seat, right
T20f	20-pin connector
T23b	23-pin connector, in right A-pillar
T32n	32-pin connector
*	Data bus wire (CAN bus)

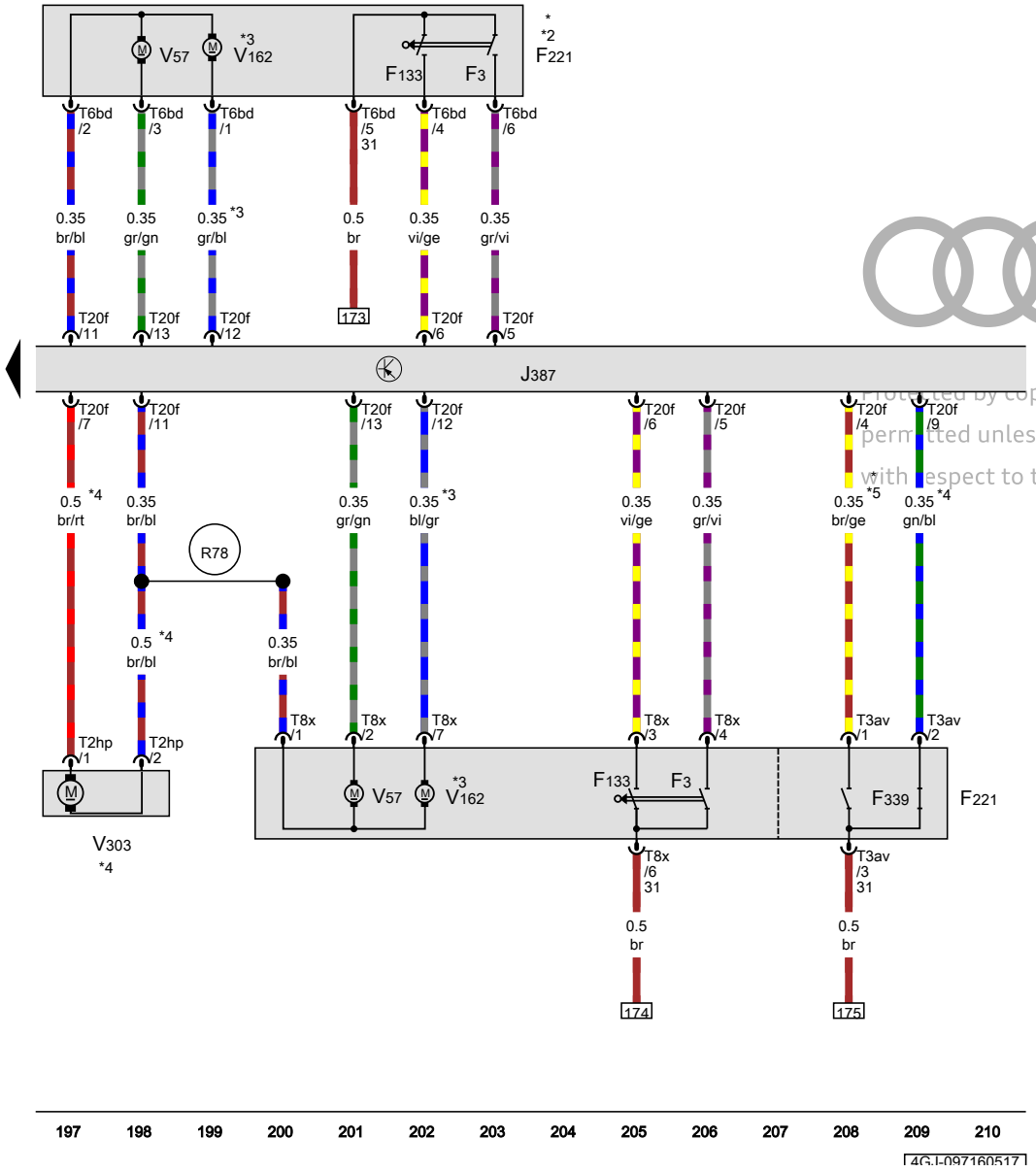


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Front passenger side central locking lock unit, Front passenger door control unit, Front passenger door power latching motor

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
F339	Front passenger door power latching system contact switch
J387	Front passenger door control unit
T2hp	2-pin connector
T3av	3-pin connector
T6bd	6-pin connector
T8x	8-pin connector
T20f	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
V303	Front passenger door power latching motor
R78	Connection 1 (door contact switch), in passenger side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	For models with power latching system
*5	For models with adaptive cruise control (ACC)

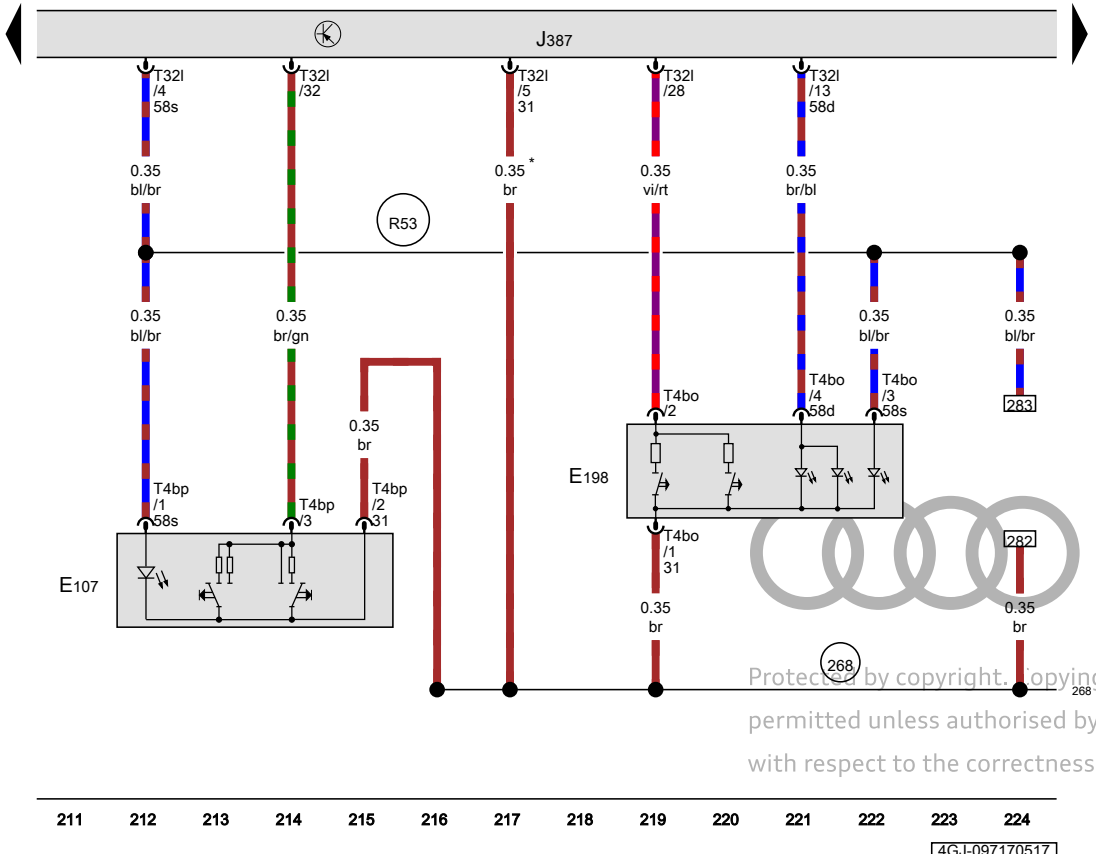


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Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
T4bo	4-pin connector
T4bp	4-pin connector
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Output for switch earth

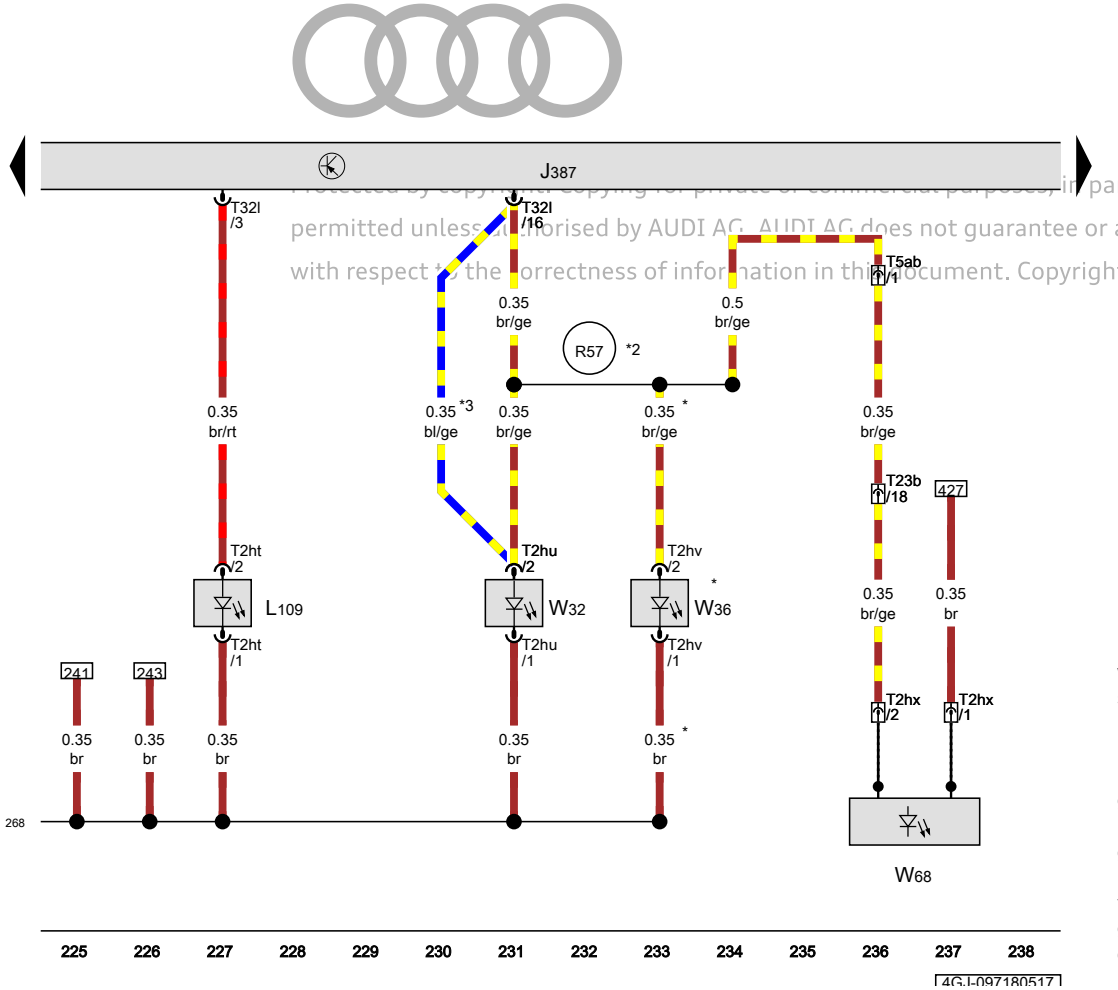


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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger side door warning lamp, Light conductor for front right sill panel moulding ambient lighting

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T2ht	2-pin connector
T2hu	2-pin connector
T2hv	2-pin connector
T2hx	2-pin connector
T5ab	5-pin connector, in front right door
T23b	23-pin connector, on right A-pillar
T32l	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
W68	Light conductor for front right sill panel moulding ambient lighting
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	Up to May 2017
*2	For models with additional lights
*3	For models with no additional lights



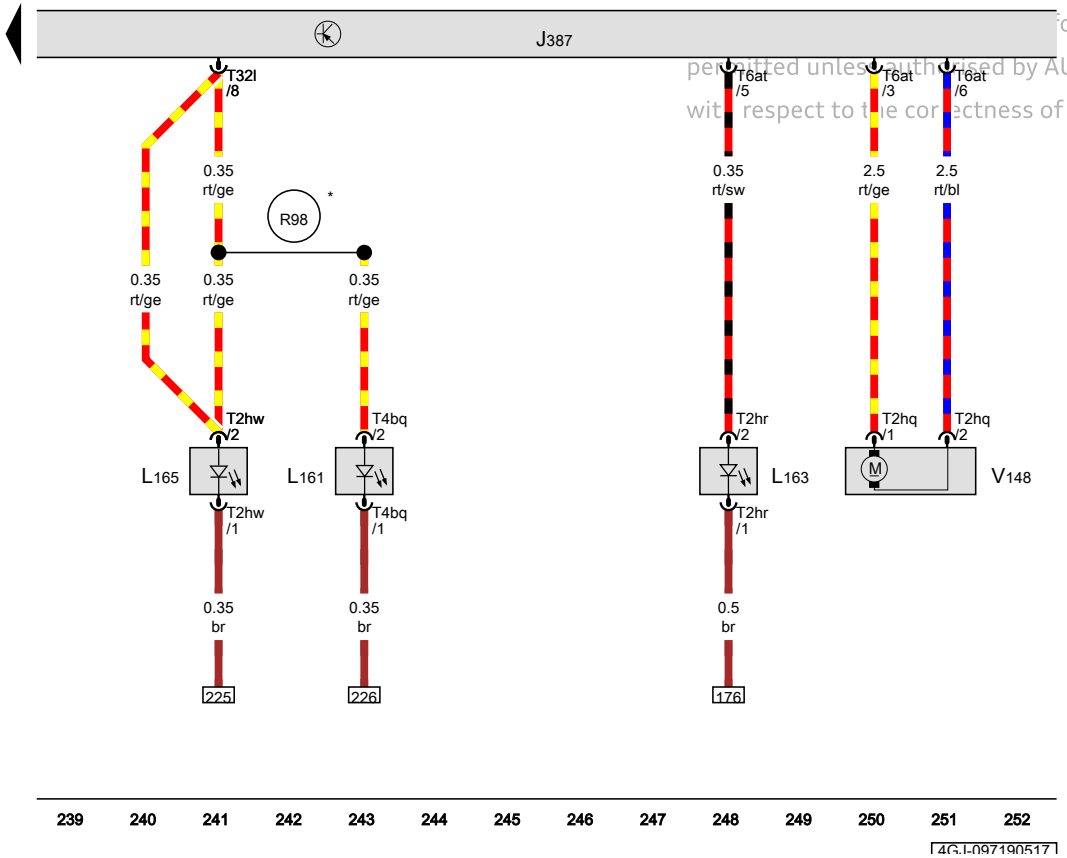
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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front right door exterior handle illumination bulb, Front passenger door ambient lighting bulb, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L163	Front right door exterior handle illumination bulb
L165	Front passenger door ambient lighting bulb
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T4bq	4-pin connector
T6at	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
R98	Connection 1 in front passenger side door wiring harness
*	For models with additional lights

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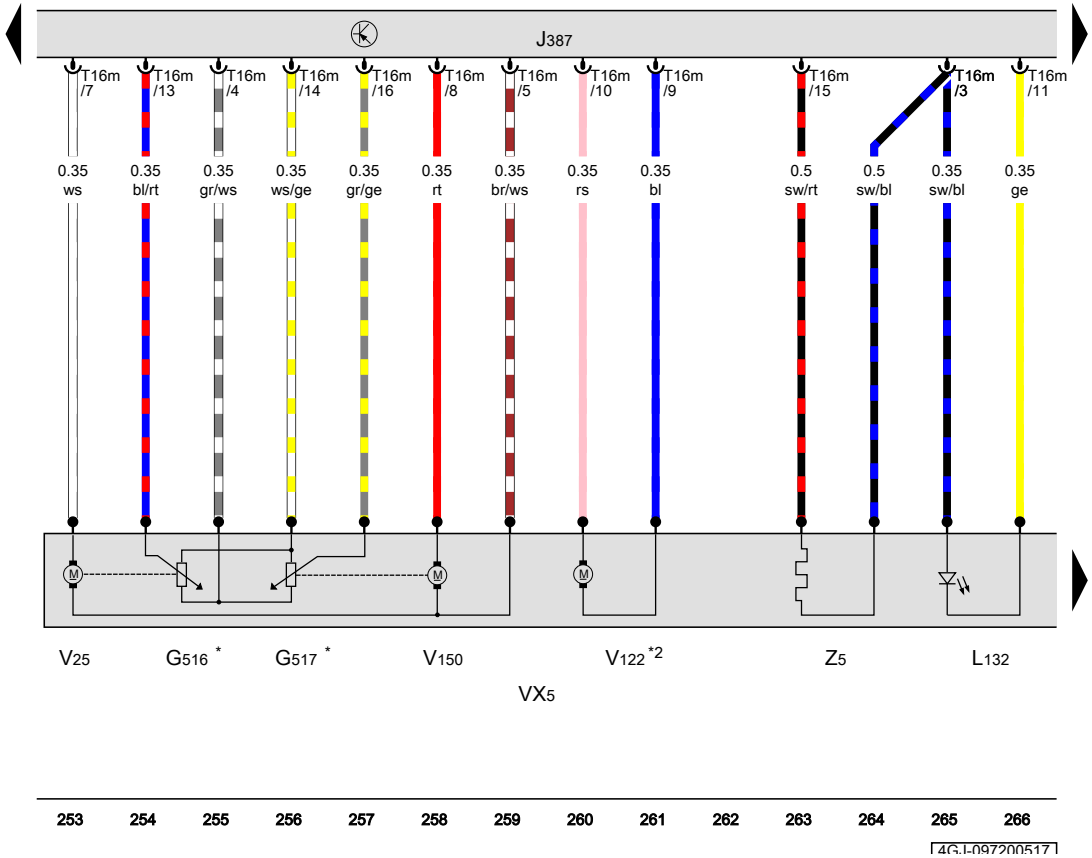


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Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Heated exterior mirror on passenger side

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16m	16-pin connector
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
*	Optional equipment
*2	For models with fold-in mirror

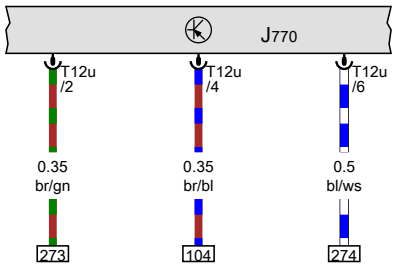
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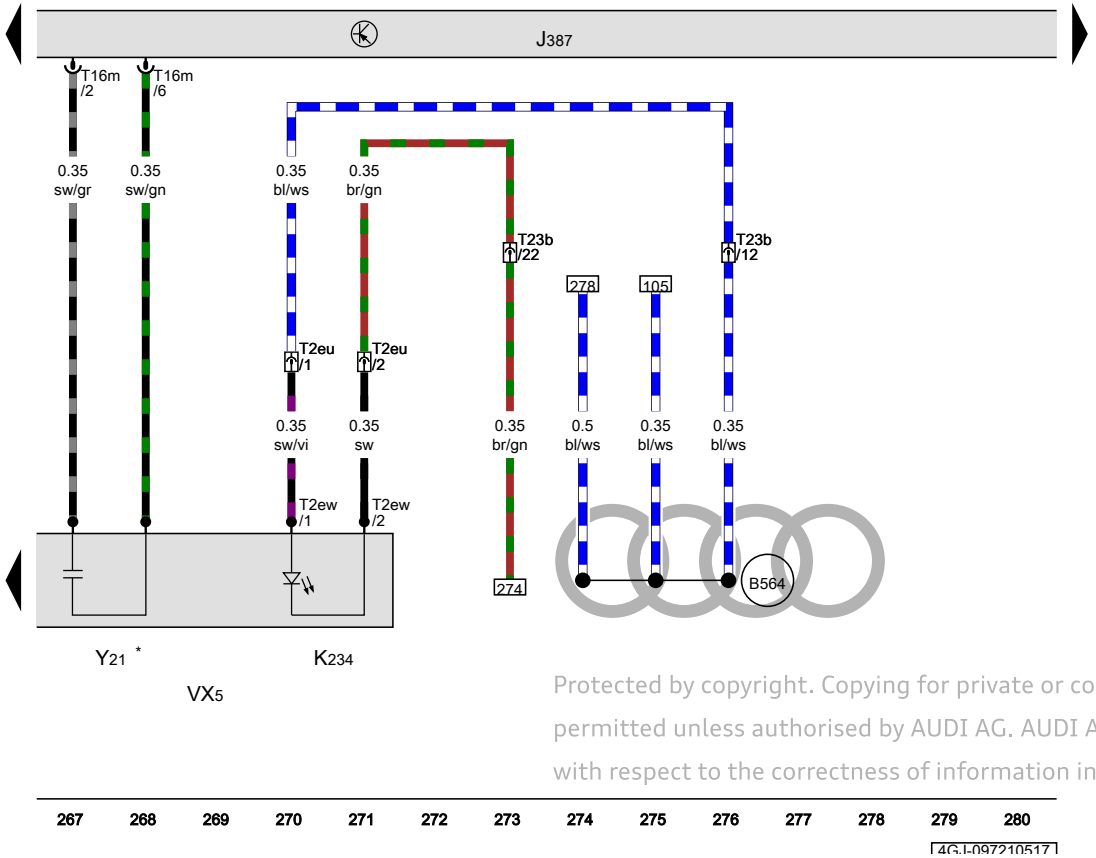


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Front passenger door control unit, Passenger side exterior mirror, Automatic anti-dazzle exterior mirror, passenger side

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
T2eu	2-pin connector, in front passenger door
T2ew	2-pin connector
T12u	12-pin connector
T16m	16-pin connector
T23b	23-pin connector, in right A-pillar
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
B564	Connection 31, in main wiring harness
*	For models with automatic anti-dazzle exterior mirror



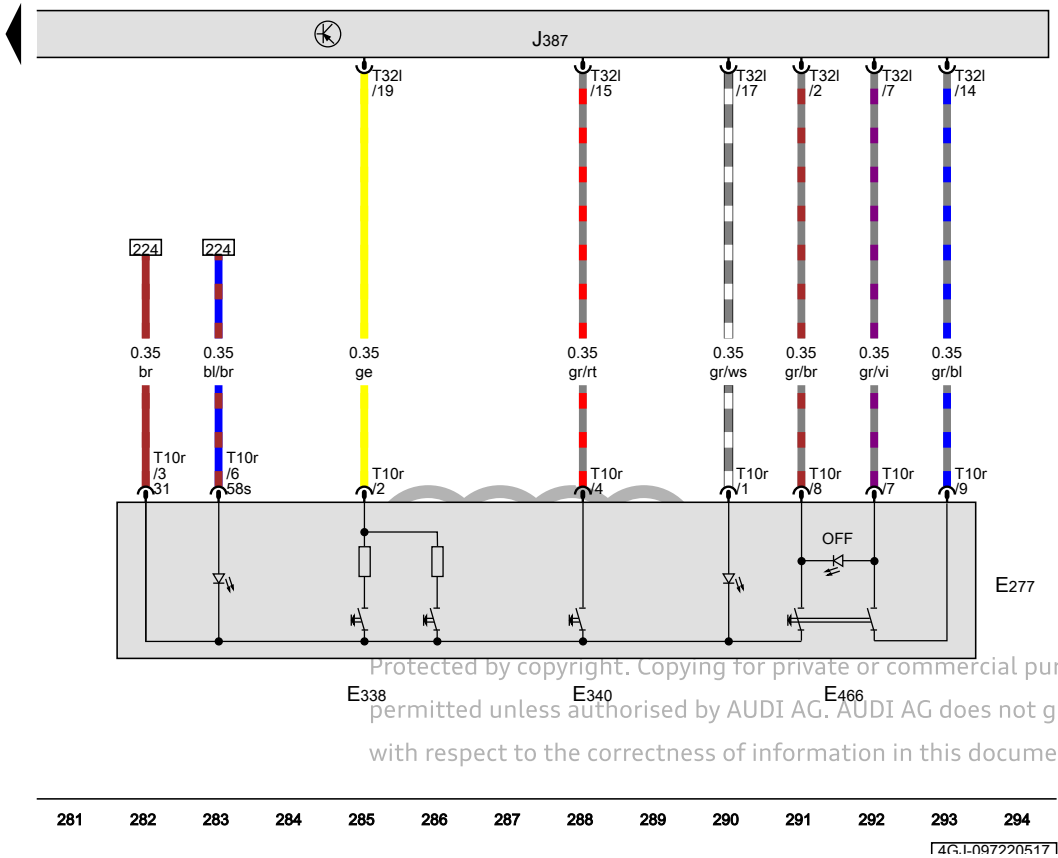


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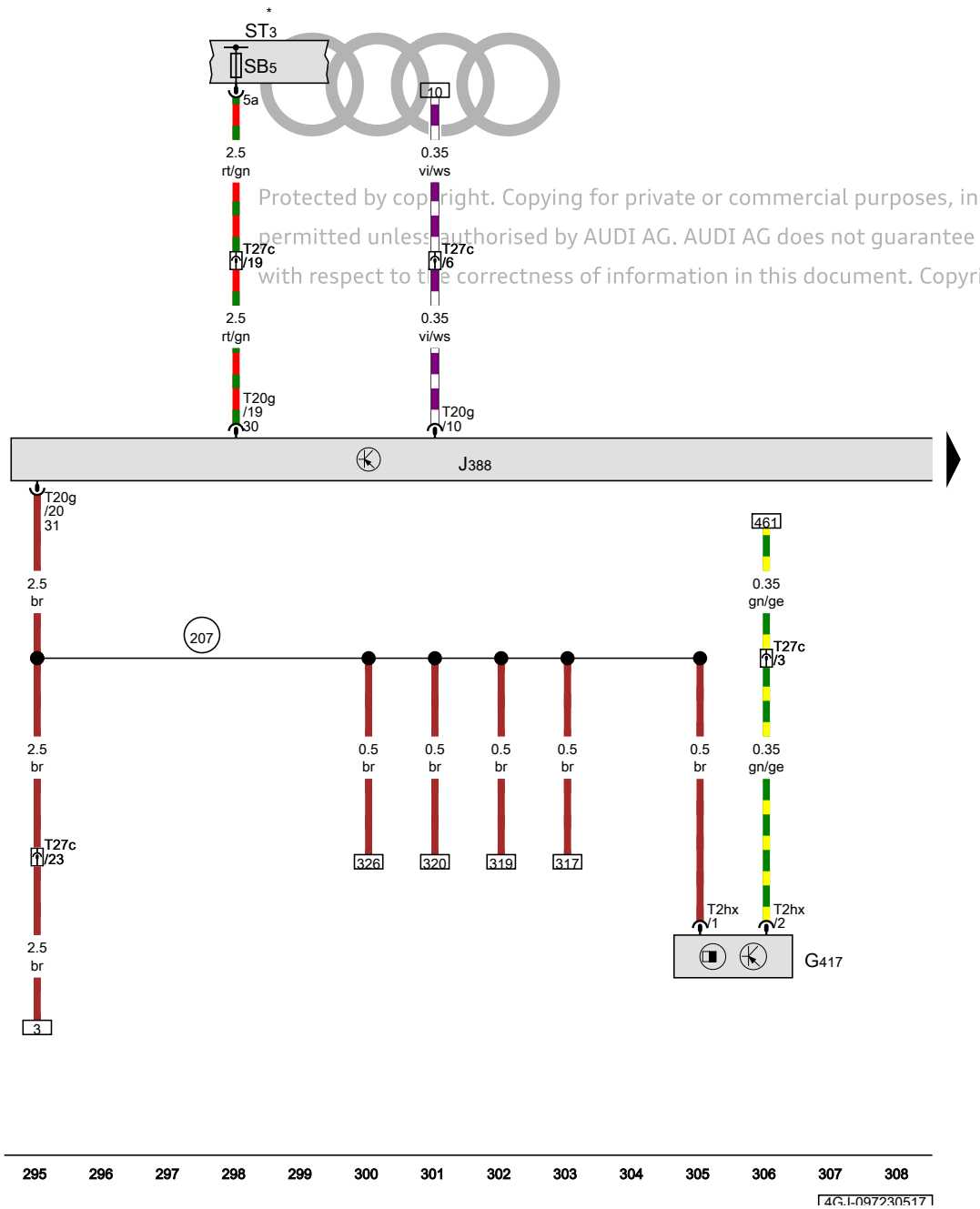
Front passenger seat memory operating unit, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T32l	32-pin connector



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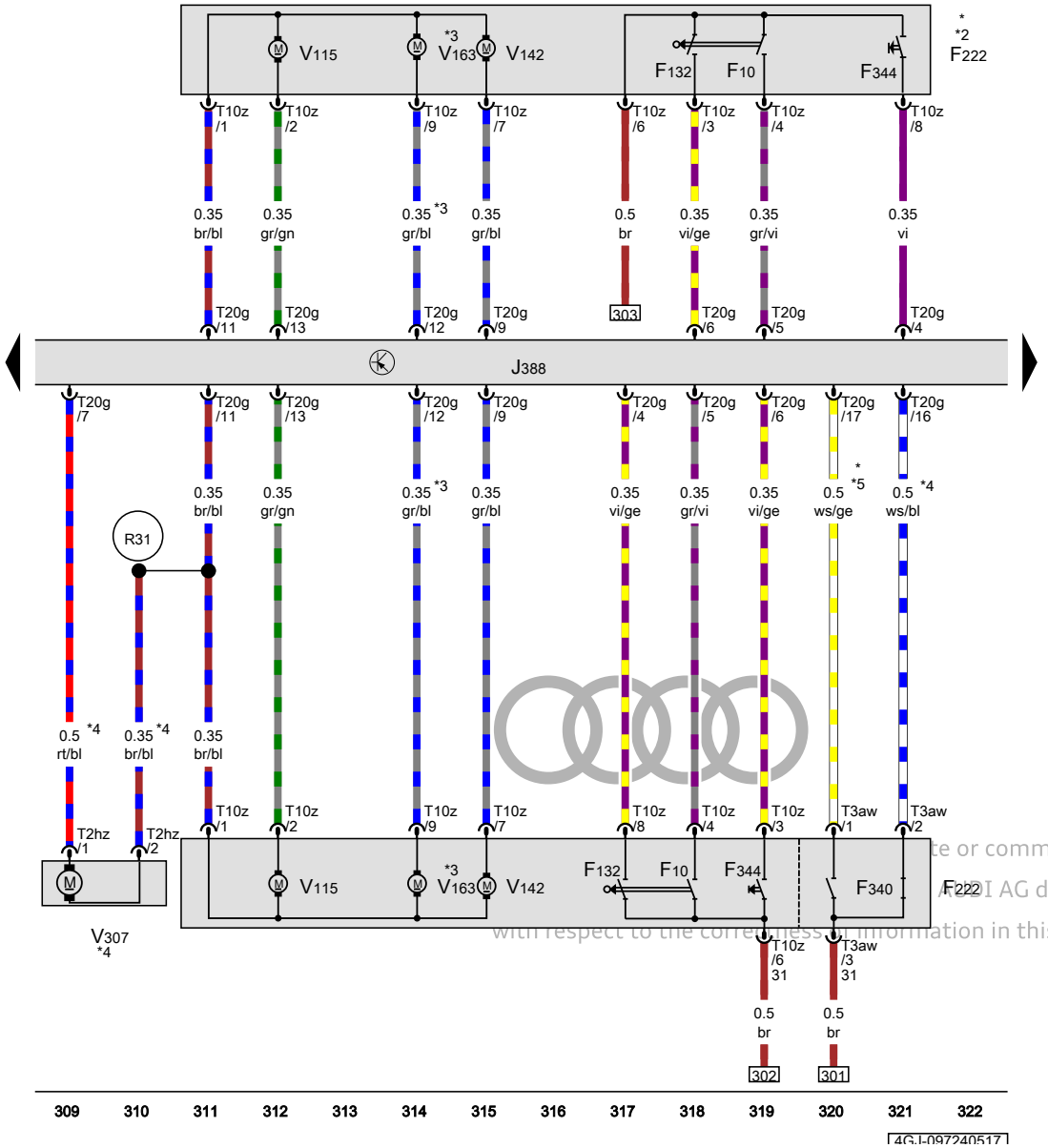
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Contact sensor for rear left exterior door handle, Rear left door control unit

G417	Contact sensor for rear left exterior door handle
J388	Rear left door control unit
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
T2hx	2-pin connector
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
207	Earth connection, in rear left door wiring harness
*	see applicable current flow diagram for fuse assignment

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Rear left central locking lock unit, Rear left door control unit, Rear left power latching motor



F10 Rear left door contact switch
F132 Rear left central locking actuator
F222 Rear left central locking lock unit
F340 Rear left door power latching system contact switch
F344 Rear left childproof lock contact switch
J388 Rear left door control unit
T2hz 2-pin connector
T3aw 3-pin connector
T10z 10-pin connector
T20g 20-pin connector
V115 Rear left door central locking motor
V142 Rear left childproof lock motor
V163 Rear left door central locking SAFELOCK function motor
V307 Rear left power latching motor

R31 Connection 1, in rear left door wiring harness

* For models with no power latching system
*2 For models with no adaptive cruise control (ACC)
*3 Not for American markets
*4 For models with power latching system
*5 For models with adaptive cruise control (ACC)

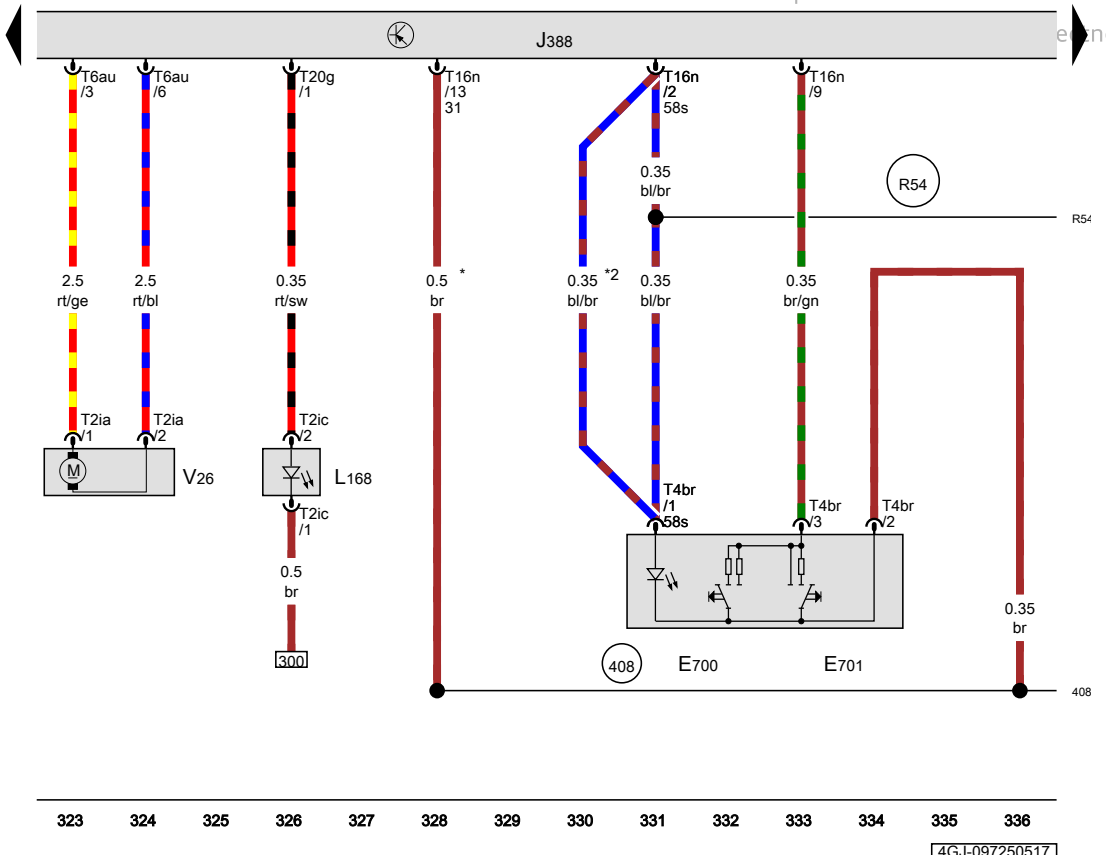
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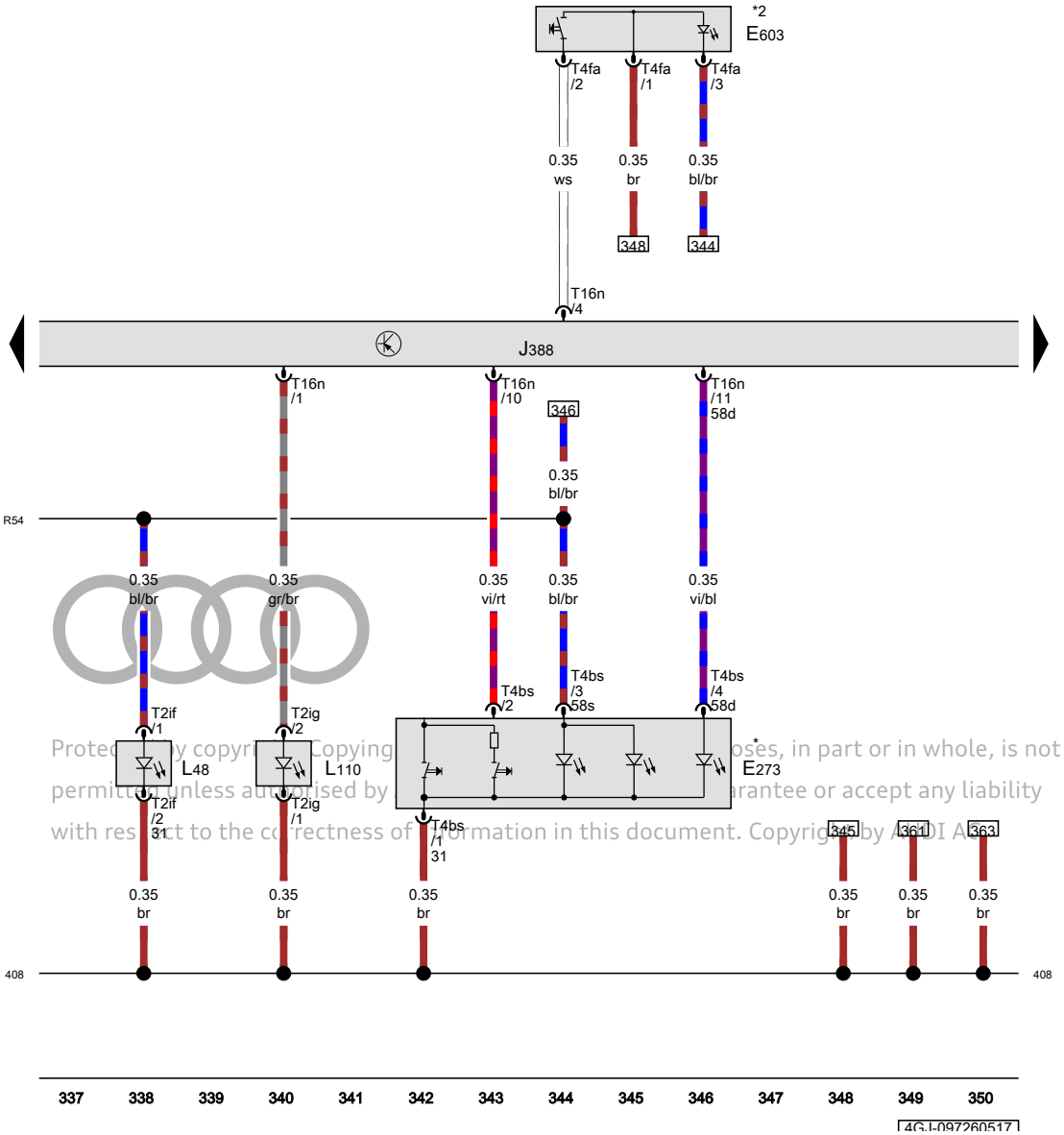
Rear left window regulator button in rear left door, Rear left door control unit, Rear left exterior door handle illumination bulb, Rear left window regulator motor

E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
J388	Rear left door control unit
L168	Rear left exterior door handle illumination bulb
T2ia	2-pin connector
T2ic	2-pin connector
T4br	4-pin connector
T6au	6-pin connector
T16n	16-pin connector
T20g	20-pin connector
V26	Rear left window regulator motor
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Output for switch earth
*2	For models with no additional lights

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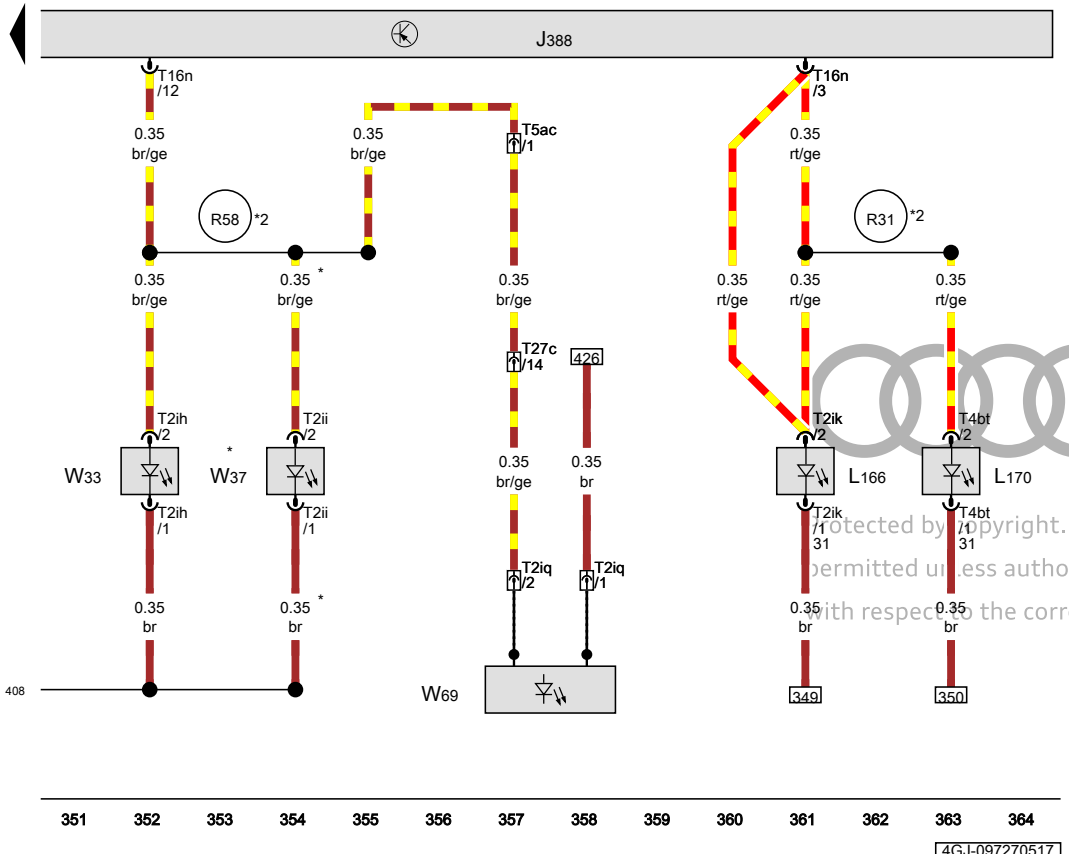
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Rear left interior locking switch, Button for longitudinal adjustment of front passenger seat, Rear left door control unit, Rear left ashtray illumination bulb, Rear left door opener illumination bulb

E273	Rear left interior locking switch
E603	Button for longitudinal adjustment of front passenger seat
J388	Rear left door control unit
L48	Rear left ashtray illumination bulb
L110	Rear left door opener illumination bulb
T2if	2-pin connector
T2ig	2-pin connector
T4bs	4-pin connector
T4fa	4-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	For American markets
*2	According to equipment

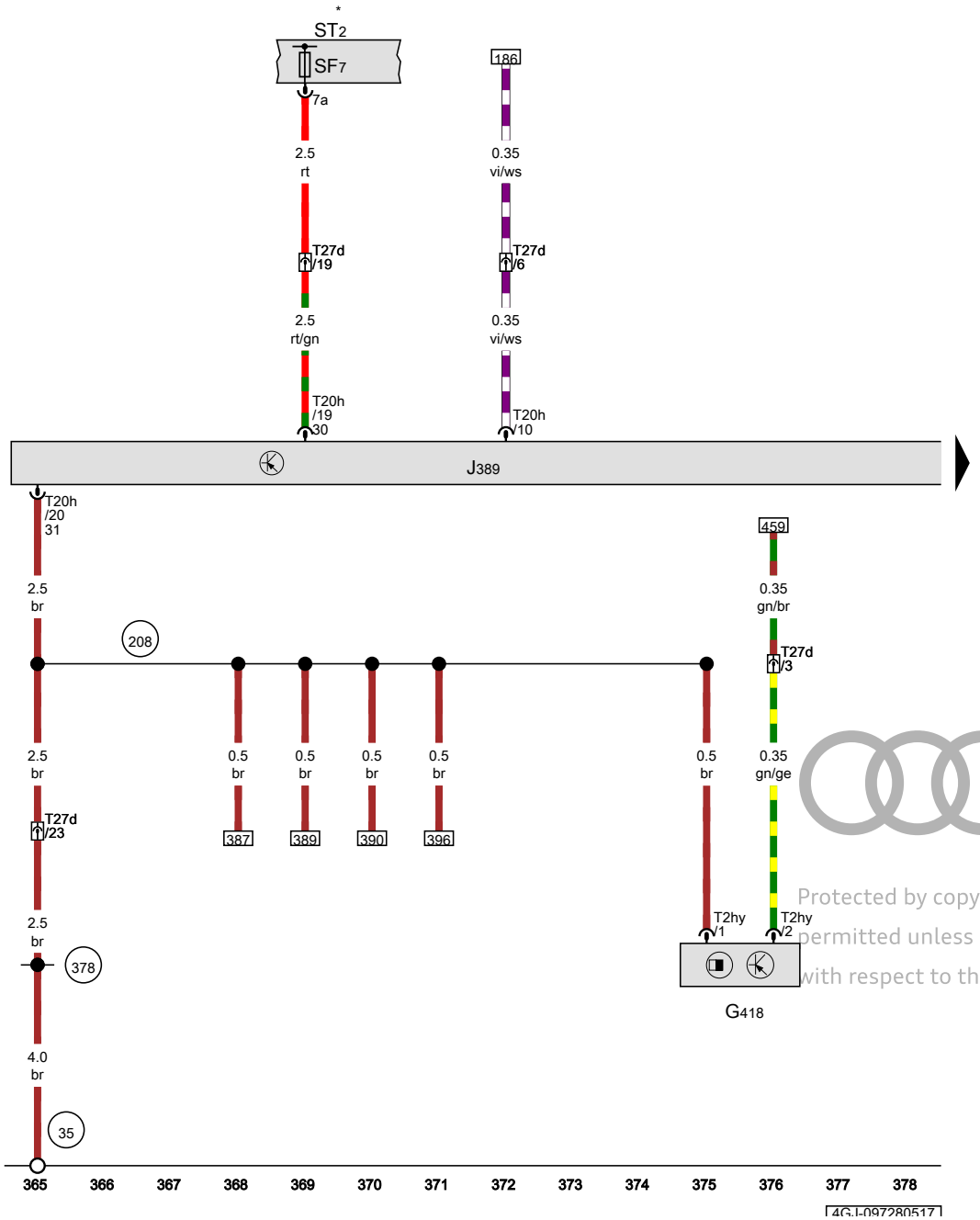
Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp, Light conductor for rear left sill panel moulding ambient lighting



J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2ih	2-pin connector
T2ii	2-pin connector
T2ik	2-pin connector
T2iq	2-pin connector
T4bt	4-pin connector
T5ac	5-pin connector, in rear left door
T16n	16-pin connector
T27c	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
W69	Light conductor for rear left sill panel moulding ambient lighting
408	Earth connection 3, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Up to May 2017
*2	For models with additional lights

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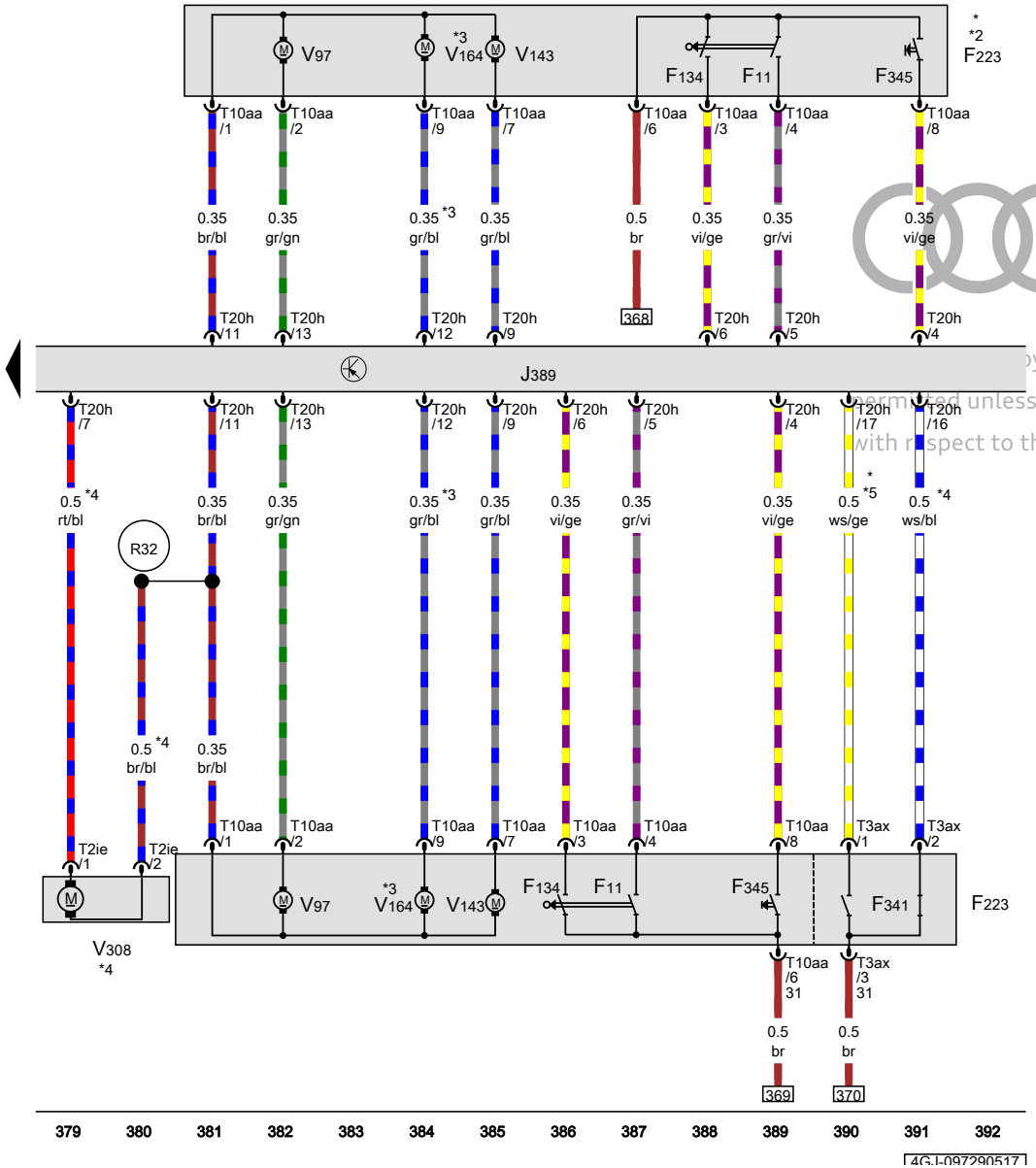


Contact sensor for rear right exterior door handle, Rear right door control unit

G418	Contact sensor for rear right exterior door handle
J389	Rear right door control unit
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
T2hy	2-pin connector
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
35	Earth point, under front passenger seat
208	Earth connection, in rear right door wiring harness
378	Earth connection 13, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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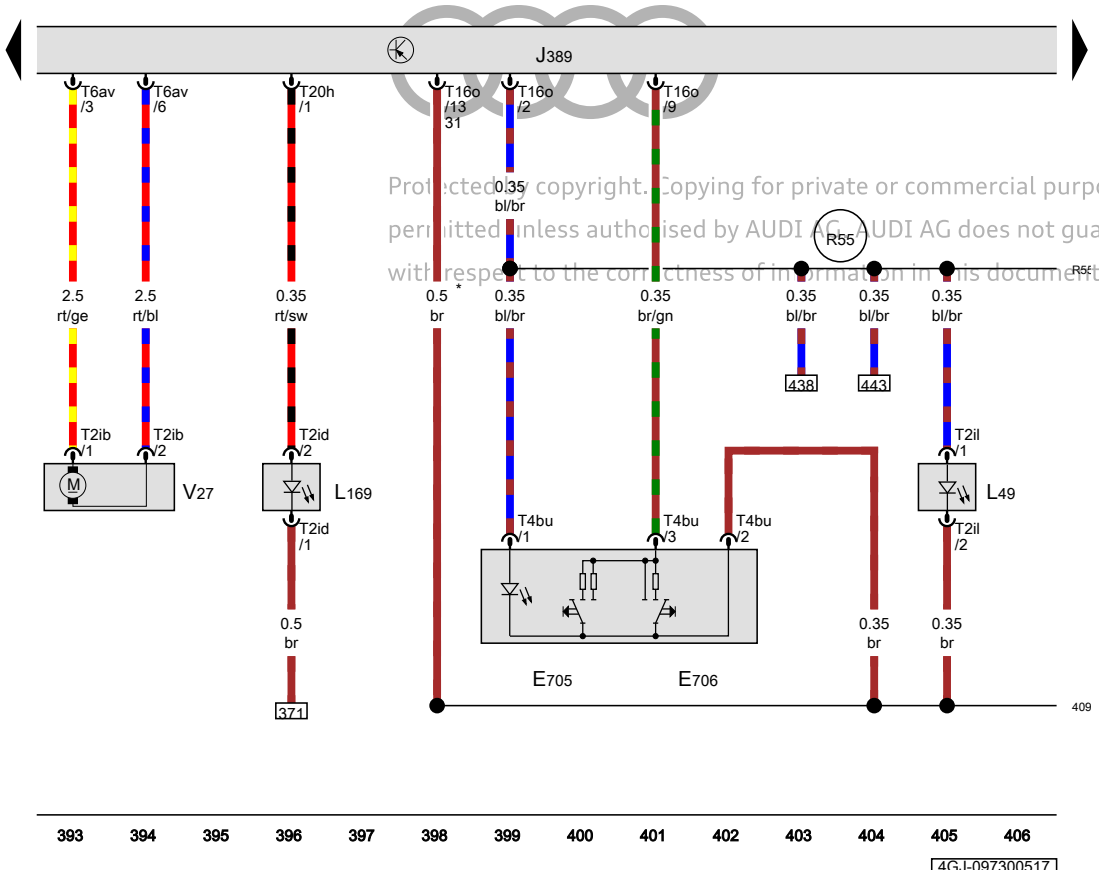
Rear right central locking lock unit, Rear right door control unit

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F341	Rear right door power latching system contact switch
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T2ie	2-pin connector
T3ax	3-pin connector
T10aa	10-pin connector
T20h	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
V308	Rear right power latching motor
R32	Connection 2, in rear right door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	For models with power latching system
*5	For models with adaptive cruise control (ACC)

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Rear right window regulator button in rear right door, Rear right door control unit, Rear right ashtray illumination bulb, Rear right exterior door handle illumination bulb, Rear right window regulator motor

E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
J389	Rear right door control unit
L49	Rear right ashtray illumination bulb
L169	Rear right exterior door handle illumination bulb
T2ib	2-pin connector
T2id	2-pin connector
T2il	2-pin connector
T4bu	4-pin connector
T6av	6-pin connector
T16o	16-pin connector
T20h	20-pin connector
V27	Rear right window regulator motor
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Output for switch earth



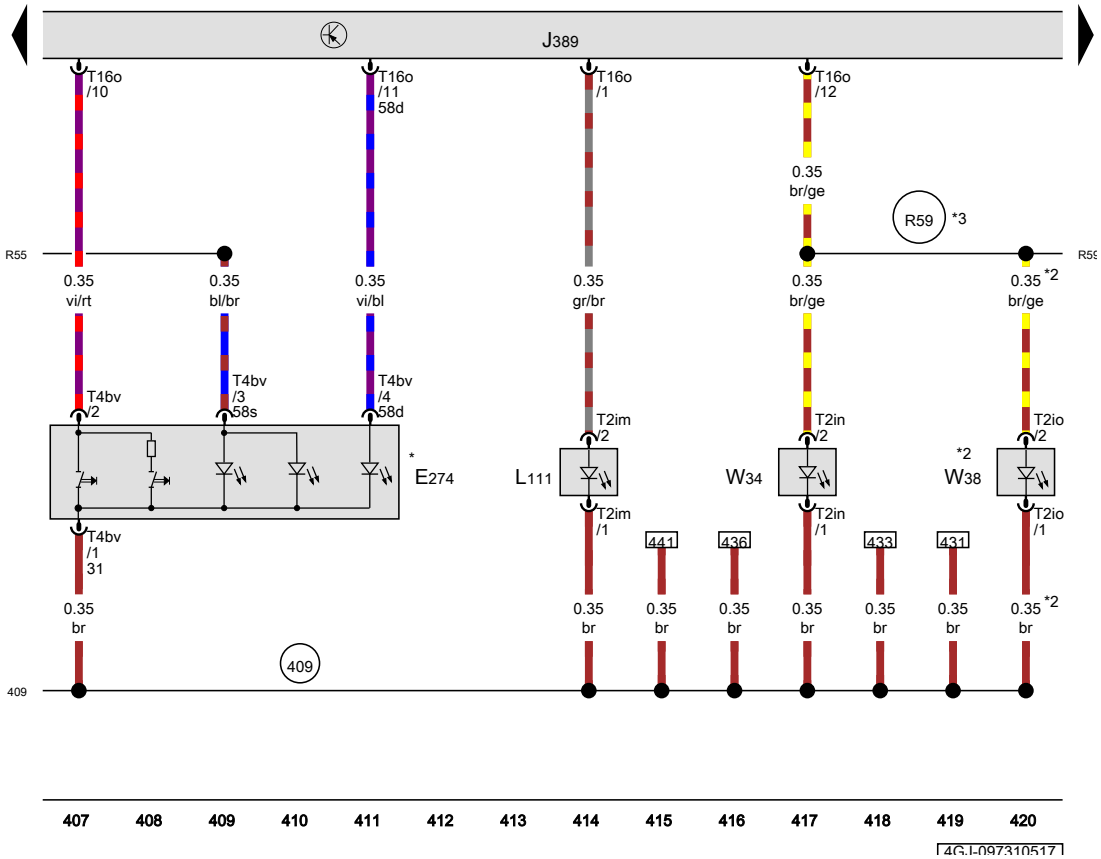
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Rear right door control unit, Rear right door opener illumination bulb, Rear right door warning lamp

E274	Rear right interior locking switch
J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T4bv	4-pin connector
T16o	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	For American markets
*2	Up to May 2017
*3	For models with additional lights

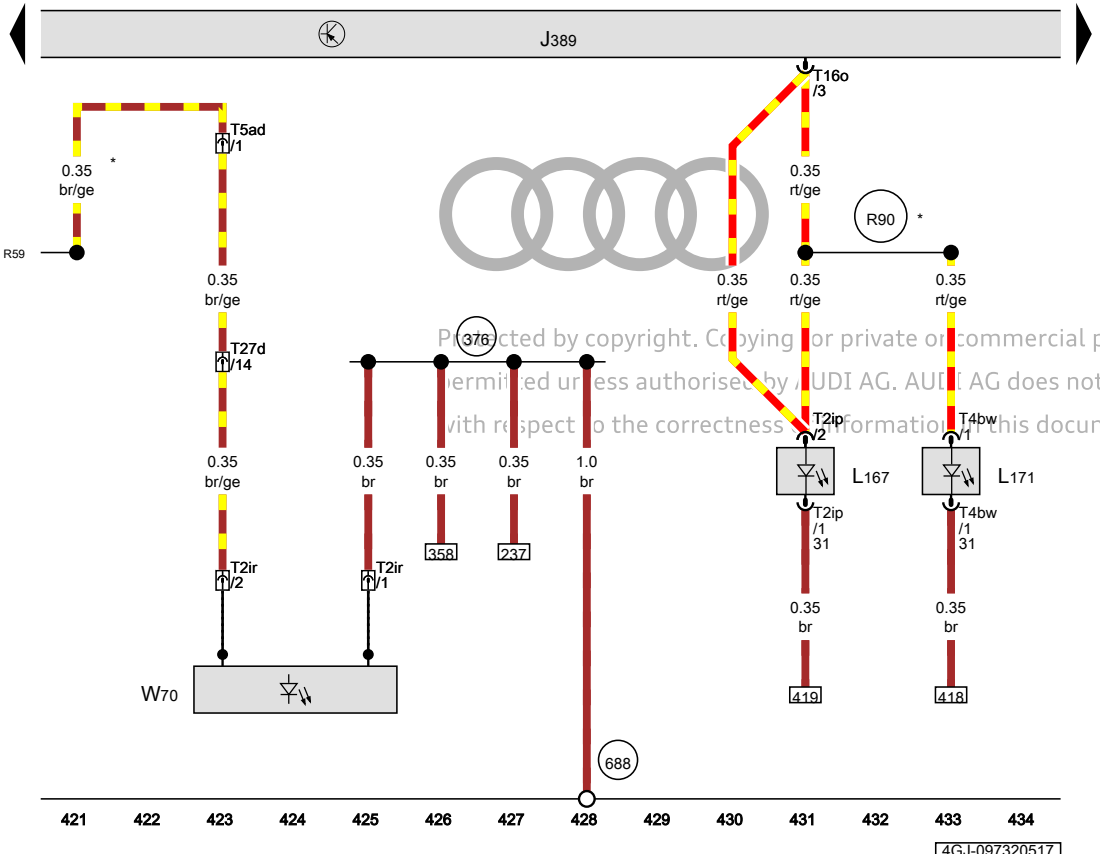
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Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Light conductor for rear right sill panel moulding ambient lighting

J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2ip	2-pin connector
T2ir	2-pin connector
T4bw	4-pin connector
T5ad	5-pin connector, in rear right door
T16o	16-pin connector
T27d	27-pin connector, on right B-pillar
W70	Light conductor for rear right sill panel moulding ambient lighting
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	For models with additional lights



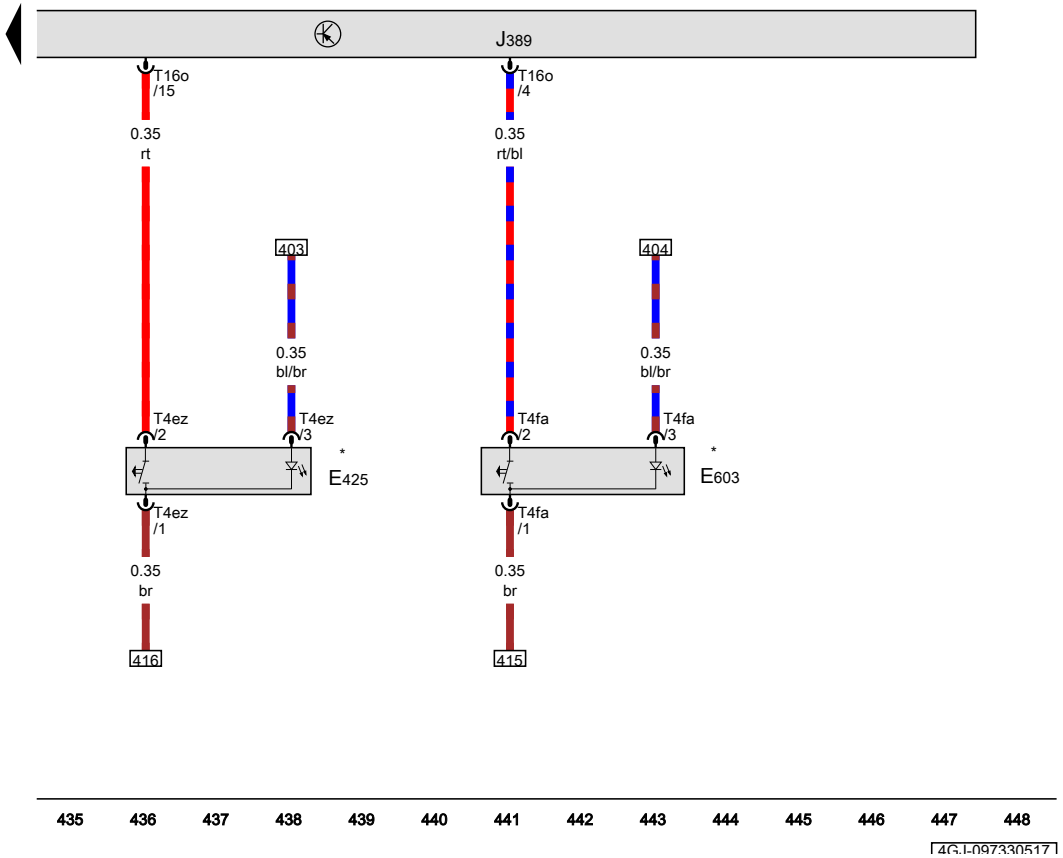
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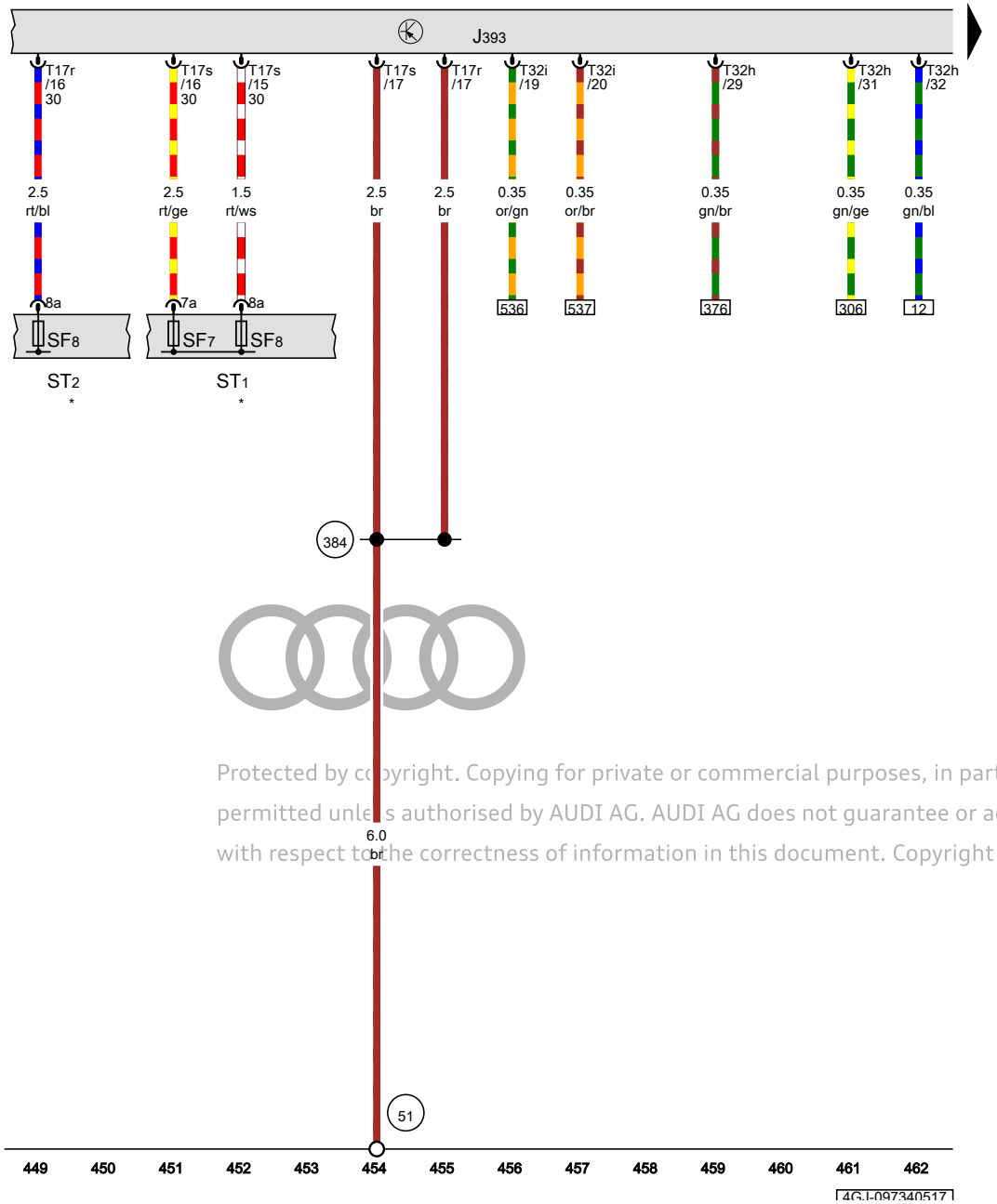
Backrest adjustment button, Button for longitudinal adjustment of front passenger seat, Rear right door control unit

E425	Backrest adjustment button
E603	Button for longitudinal adjustment of front passenger seat
J389	Rear right door control unit
T4ez	4-pin connector
T4fa	4-pin connector
T16o	16-pin connector
*	According to equipment

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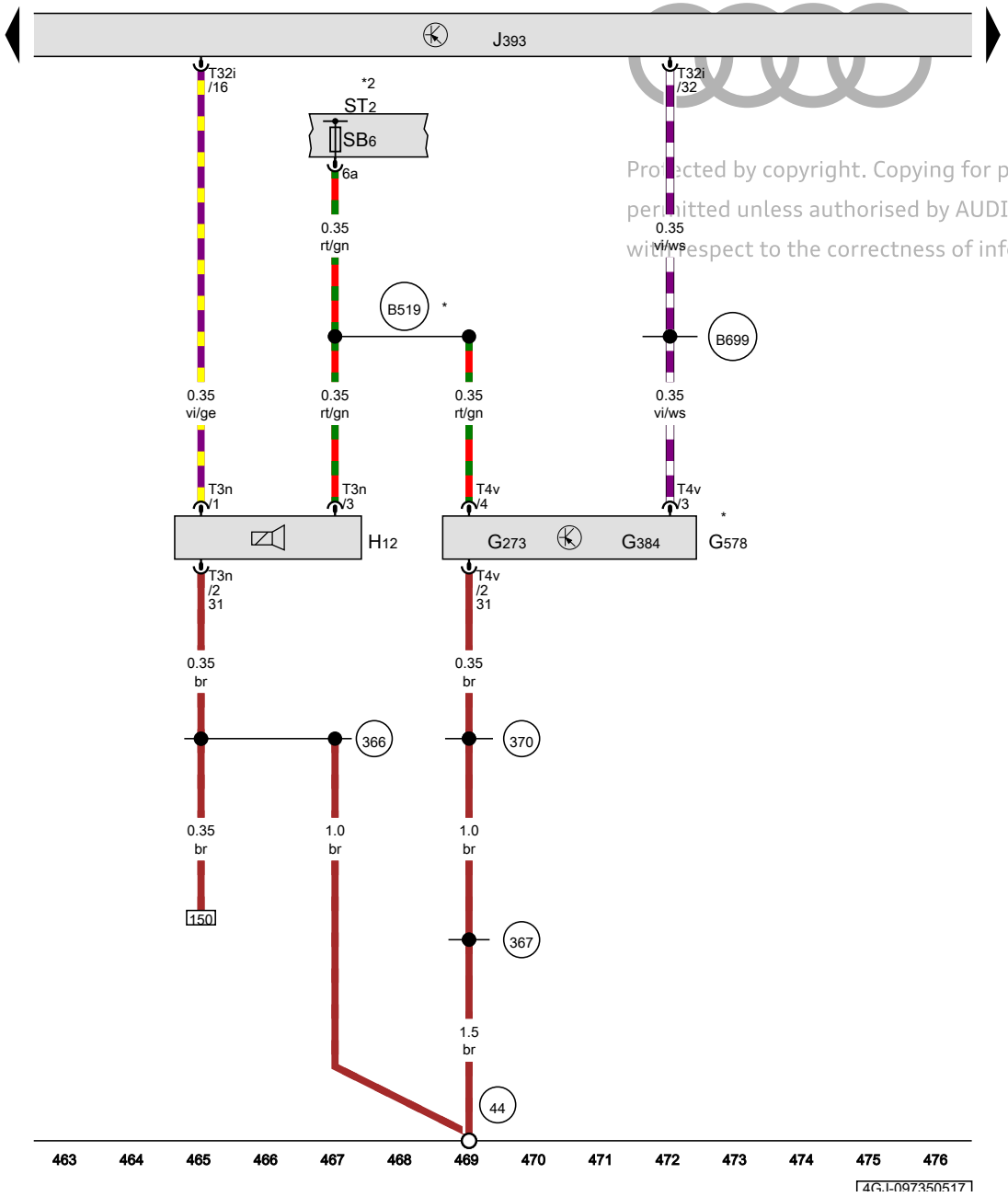


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Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17r	17-pin connector
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

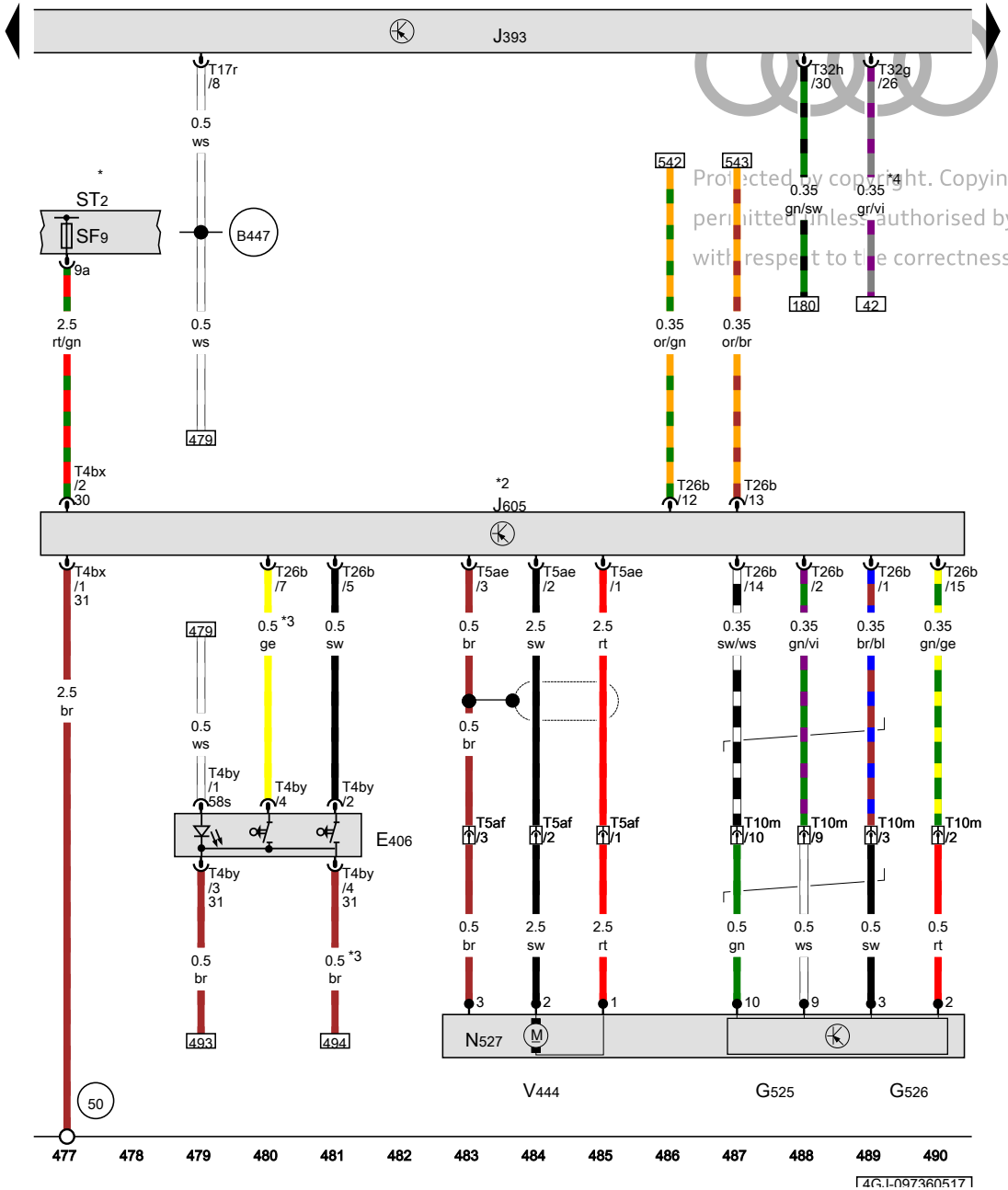


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Anti-theft alarm sensor, Alarm horn, Convenience system central control unit

G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
T3n	3-pin connector
T4v	4-pin connector
T32i	32-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
B519	Connection (30a, CL/ATA/IR), in main wiring harness
B699	Connection 4 (LIN bus) in main wiring harness
*	Anti-theft alarm system with interior monitoring
*2	see applicable current flow diagram for fuse assignment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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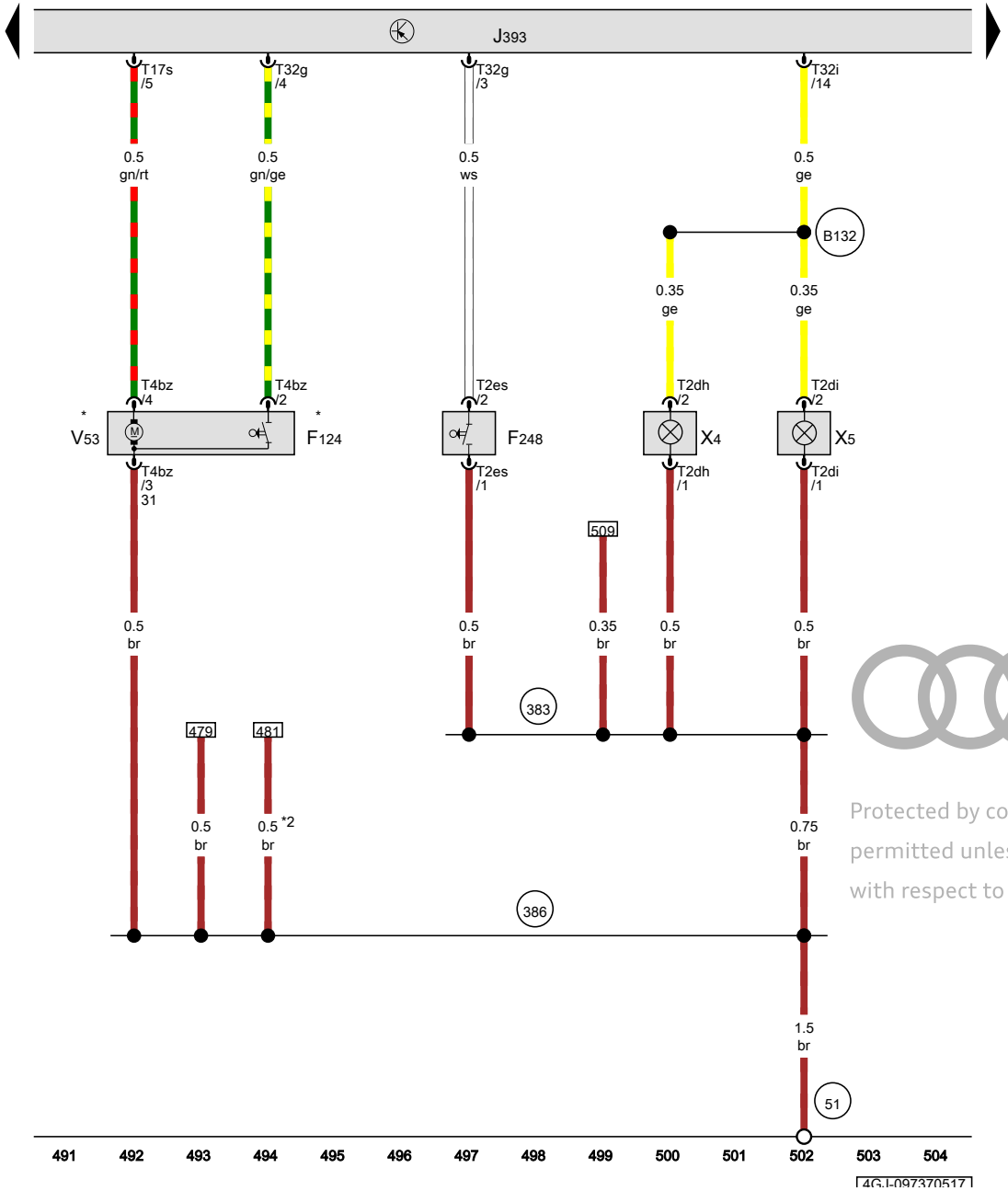


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Button to close rear lid in luggage compartment, Rear lid closed sender 1, Rear lid closed sender 2, Convenience system central control unit, Rear lid control unit, Motor 1 for rear lid

E406	Button to close rear lid in luggage compartment
G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
J393	Convenience system central control unit
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T5ae	5-pin connector
T5af	5-pin connector
T10m	10-pin connector
T17r	17-pin connector
T26b	26-pin connector
T32g	32-pin connector
T32h	32-pin connector
V444	Motor 1 for rear lid
50	Earth point, on left in luggage compartment
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Saloon
*3	According to equipment
*4	For models with hybrid drive system

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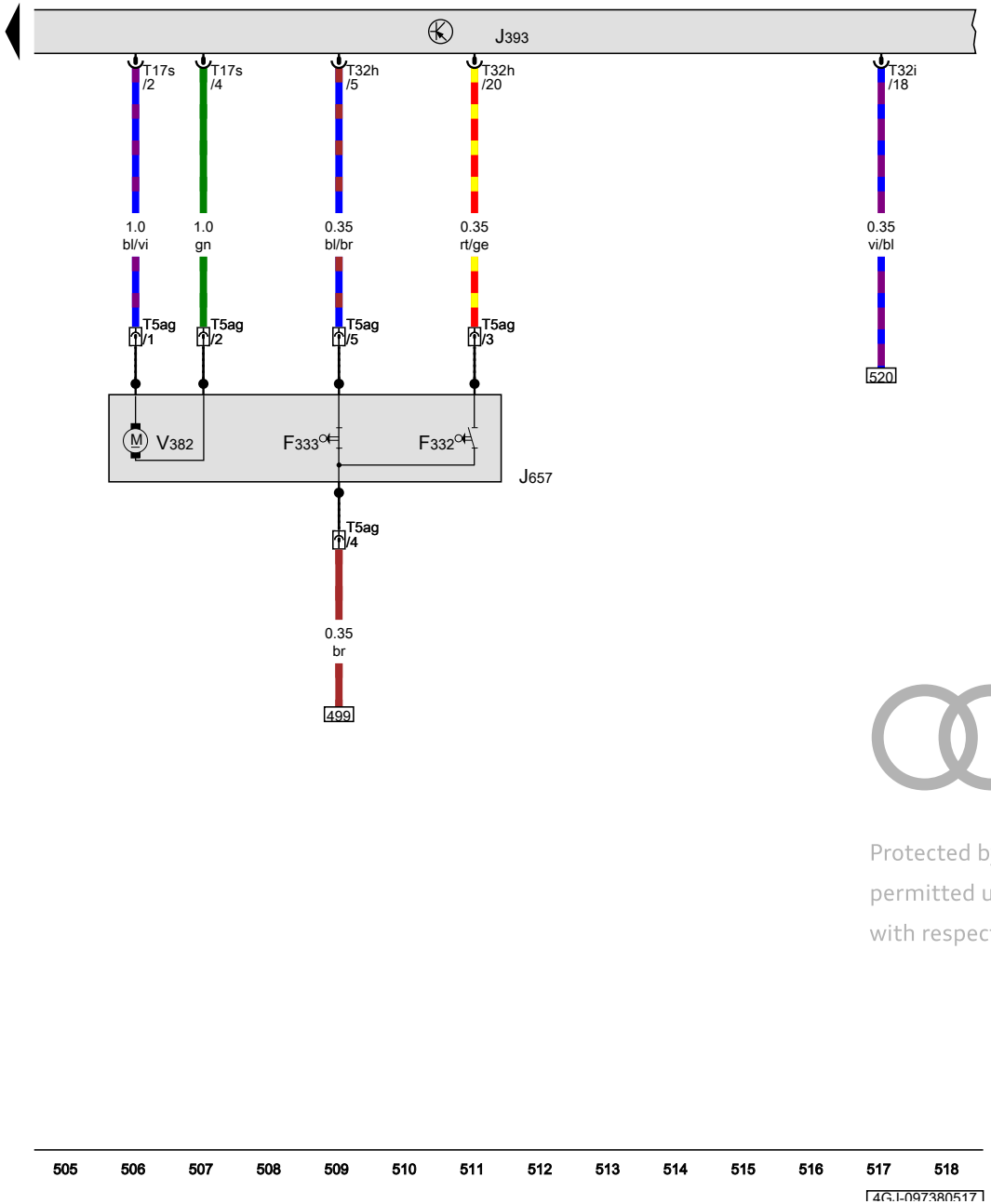


Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
*	Saloon
*2	According to equipment

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or	=	orange
rs	=	pink



Convenience system central control unit, Power latching control unit

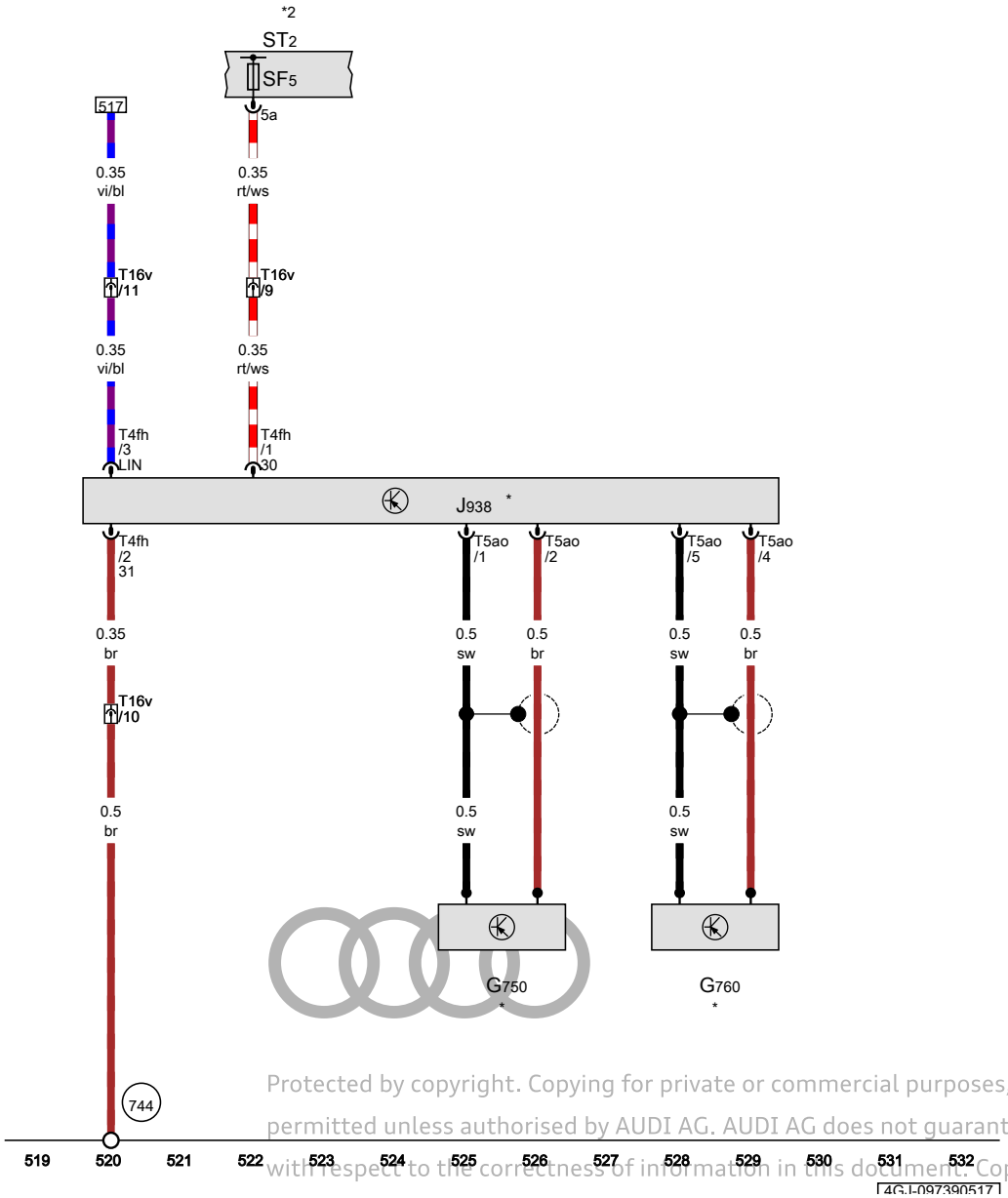
F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid

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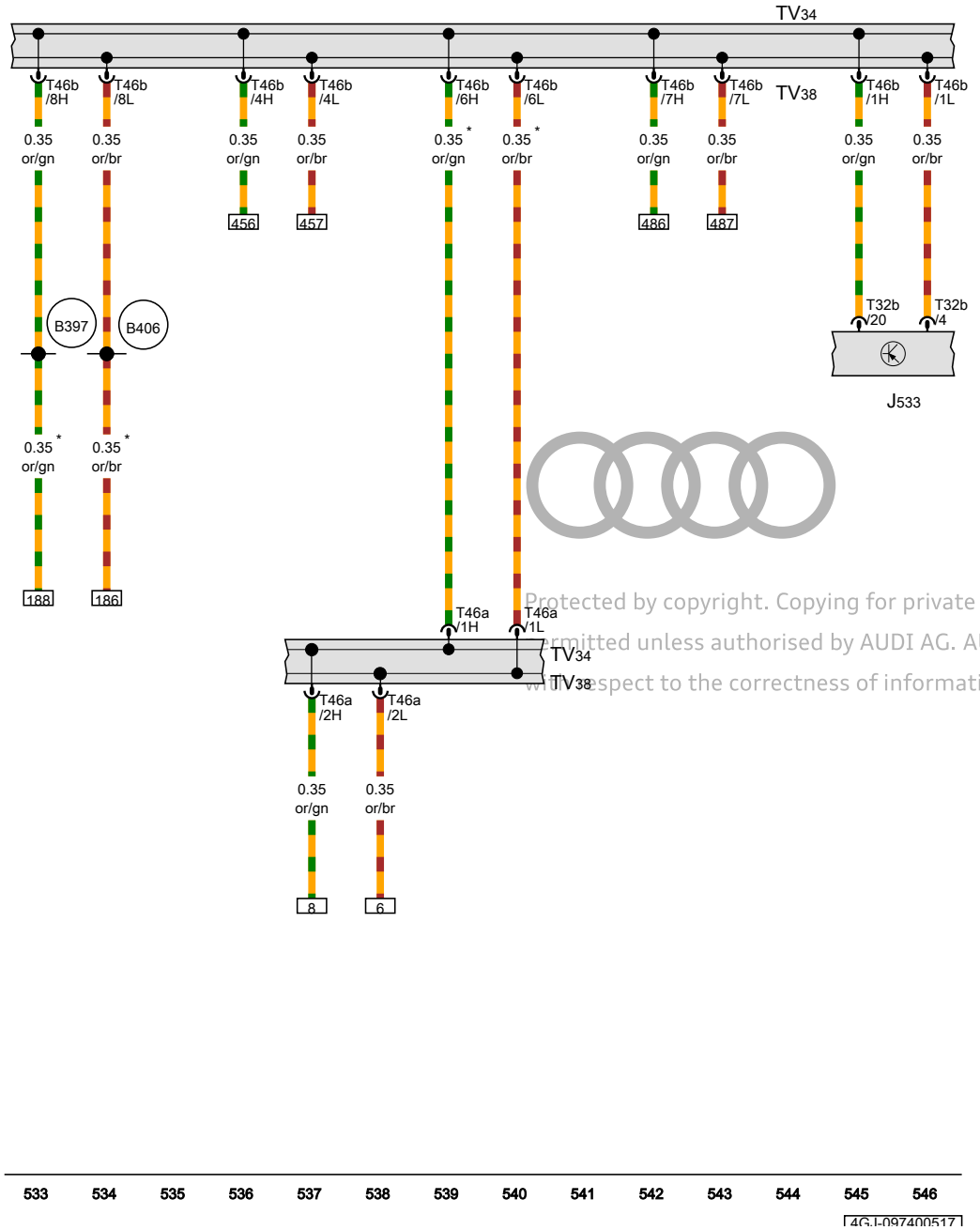
Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit

G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J938	Rear lid power opening control unit
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
T4fh	4-pin connector
T5ao	5-pin connector
T16v	16-pin connector, behind right side trim in luggage compartment
744	Earth point in spare wheel well
*	According to equipment
*2	see applicable current flow diagram for fuse assignment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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Data bus diagnostic interface, Wiring junction for convenience CAN bus, low

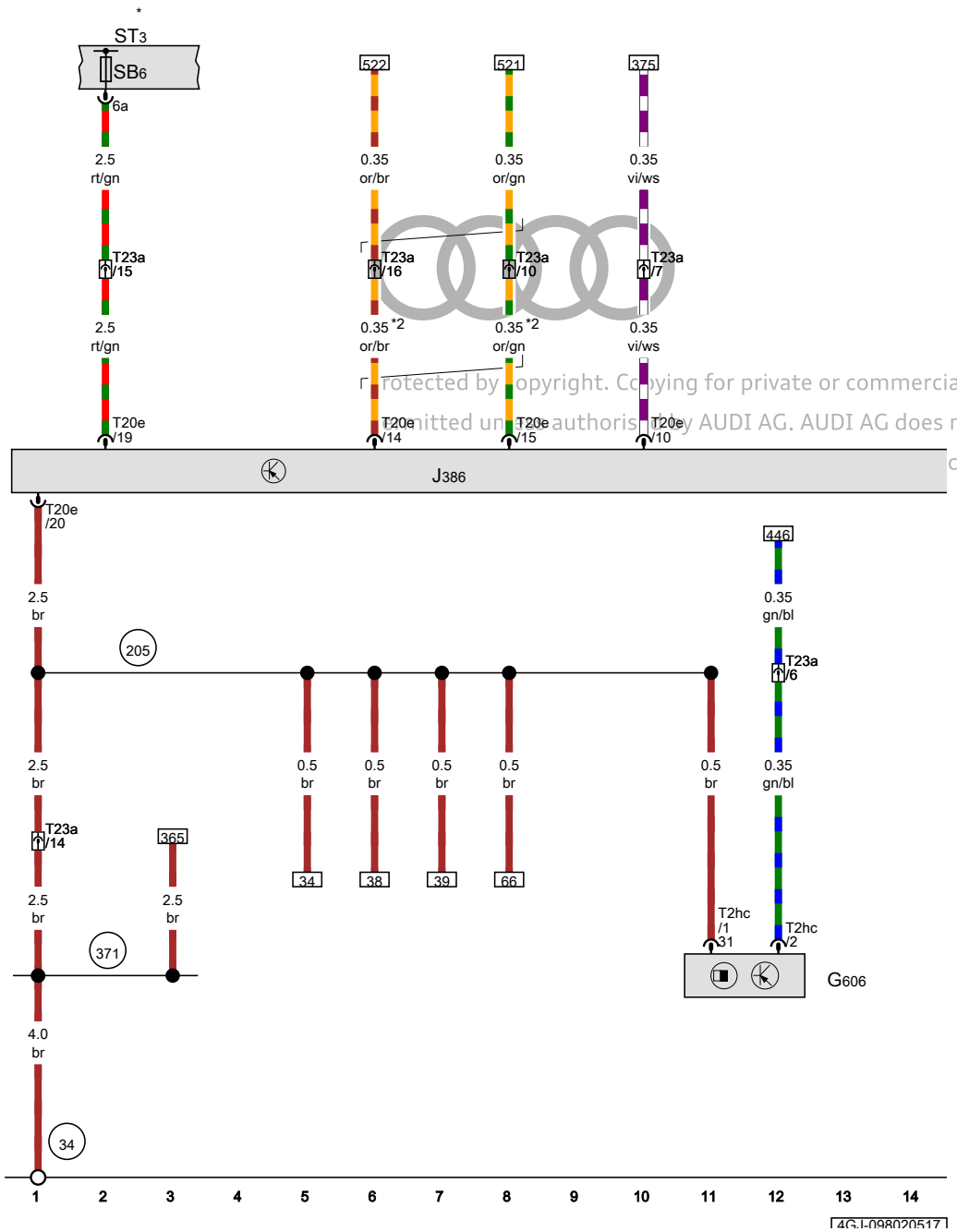
J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
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rs	=	pink

Convenience system, right-hand drive , (L0R)

From September 2014

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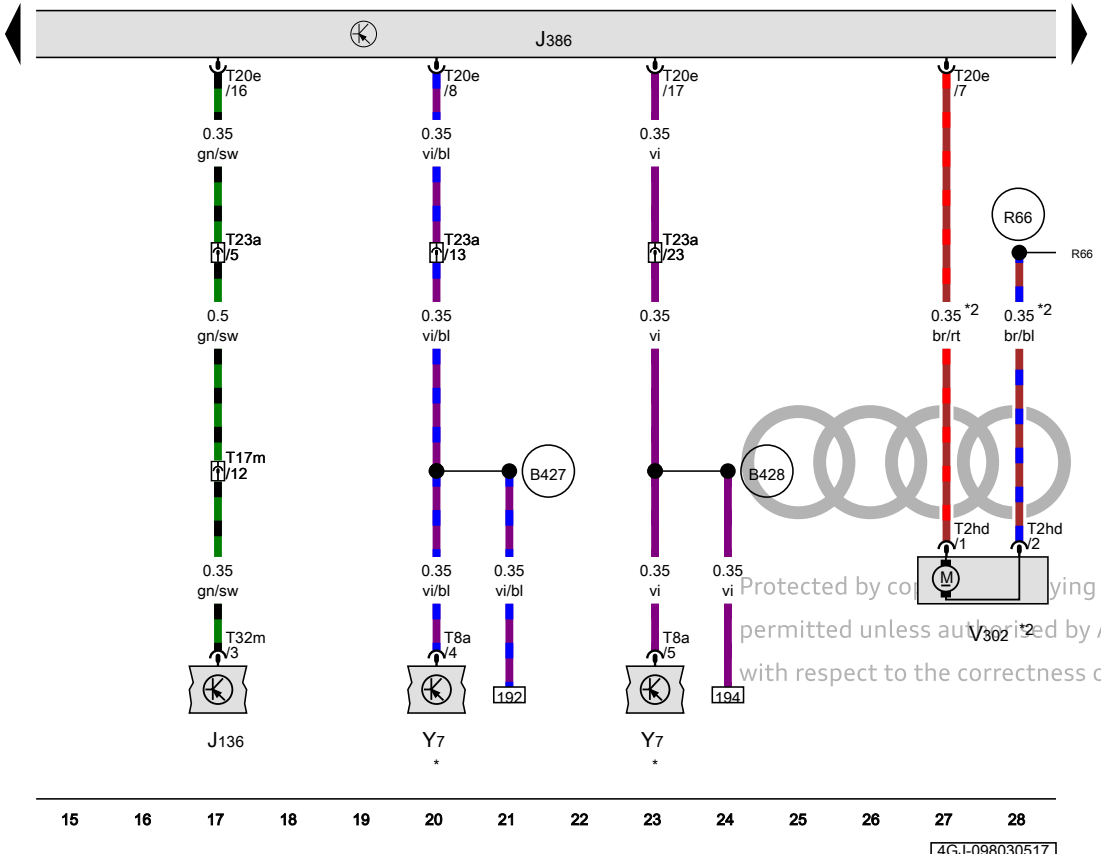
Contact sensor for front right exterior door handle, Driver door control unit

G606	Contact sensor for front right exterior door handle
J386	Driver door control unit
ST3	Fuse carrier 3
SB6	Fuse 6 on fuse holder B
T2hc	2-pin connector
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
34	Earth point, under driver seat
205	Earth connection, in driver door wiring harness
371	Earth connection 6, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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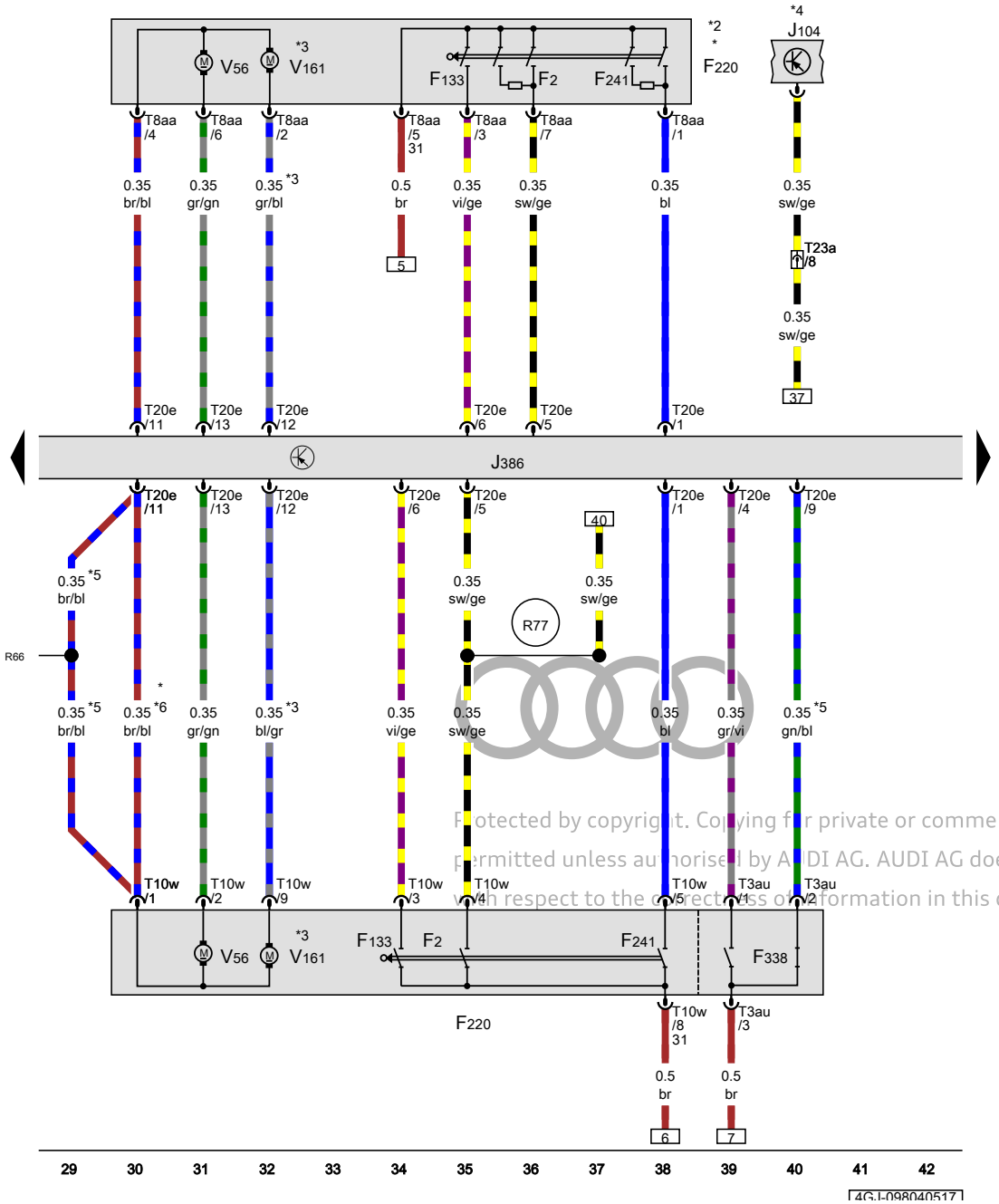
Driver door control unit, Driver door power latching motor

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
T2hd	2-pin connector
T8a	8-pin connector
T17m	17-pin connector, in coupling point for front seat, right
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
T32m	32-pin connector
V302	Driver door power latching motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
R66	Positive connection (central locking), in driver door wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with power latching system



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Driver side central locking lock unit, Driver door control unit

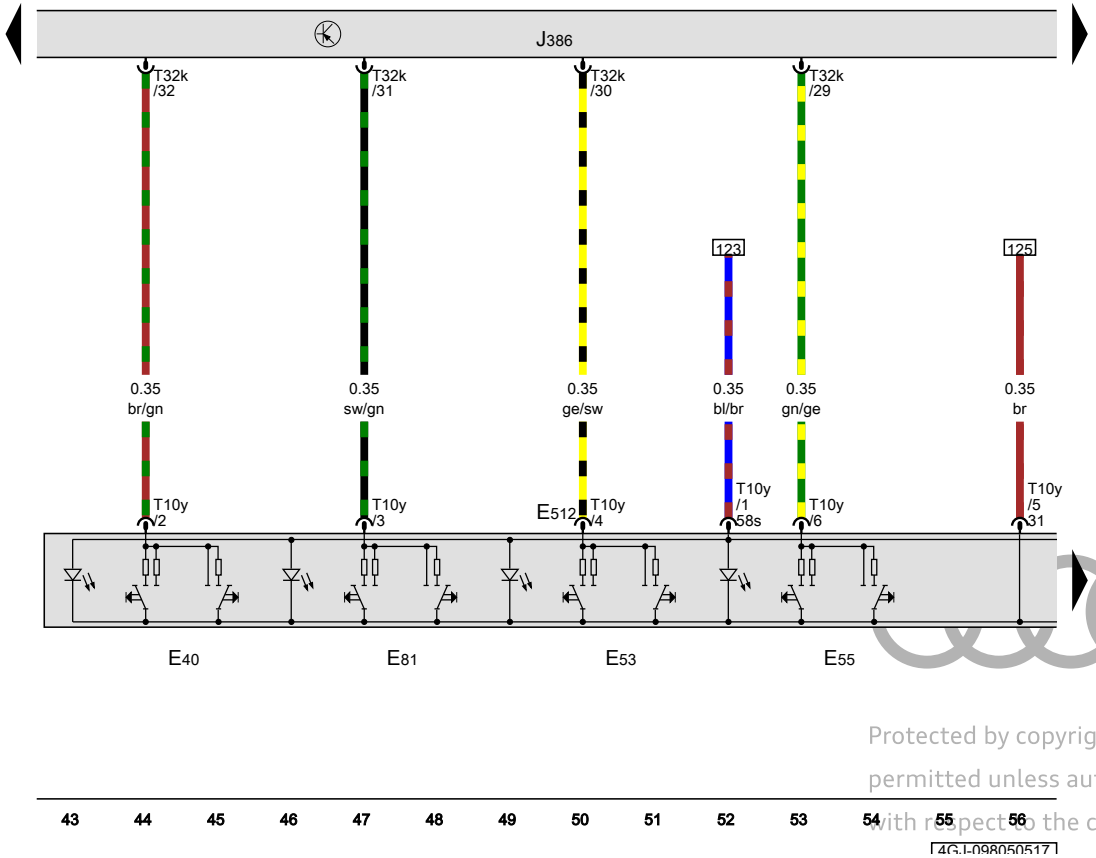
F2	Driver door contact switch
F133	Front right central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
F338	Driver door power latching system contact switch
J104	ABS control unit
J386	Driver door control unit
T3au	3-pin connector
T8aa	8-pin connector
T10w	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, on right A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
R66	Positive connection (central locking), in driver door wiring harness
R77	Connection 1 (door contact switch), in driver side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	see applicable current flow diagram for ABS
*5	For models with power latching system
*6	For models with adaptive cruise control (ACC)

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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Operating unit for window regulator in driver door, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10y	10-pin connector
T32k	32-pin connector



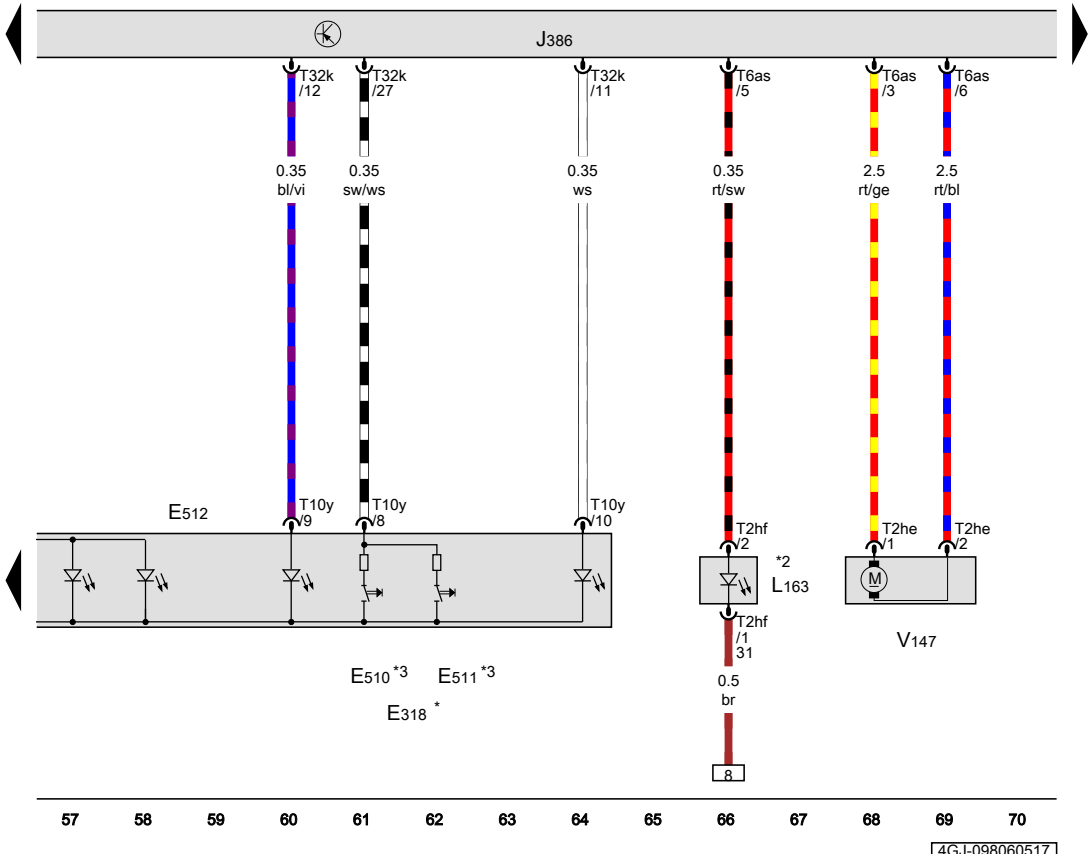
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Childproof lock button, Operating unit for window regulator in driver door, Driver door control unit, Front right door exterior handle illumination bulb, Driver side window regulator motor

E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L163	Front right door exterior handle illumination bulb
T2he	2-pin connector
T2hf	2-pin connector
T6as	6-pin connector
T10y	10-pin connector
T32k	32-pin connector
V147	Driver side window regulator motor
*	For models with no childproof locks
*2	For models with additional lights
*3	For models with childproof locks

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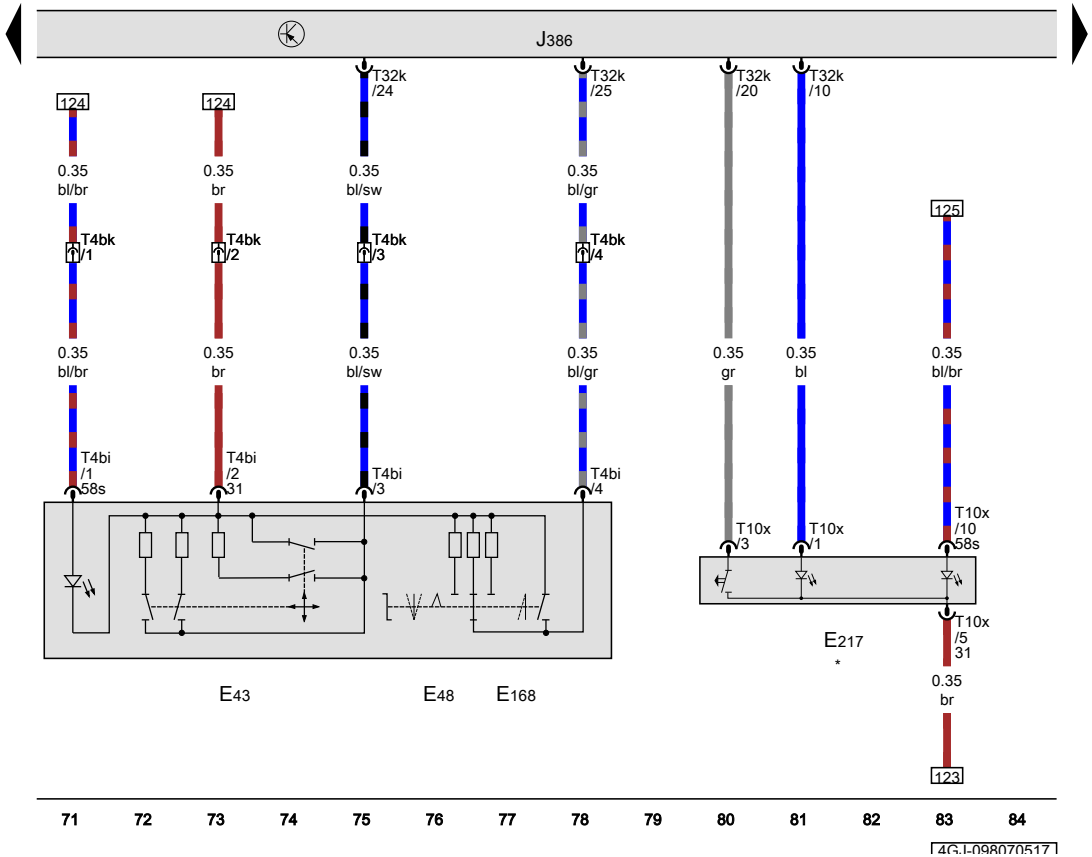


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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Mirror adjustment switch, Alarm system off switch, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E217	Alarm system off switch
J386	Driver door control unit
T4bi	4-pin connector
T4bk	4-pin connector, in driver door
T10x	10-pin connector
T32k	32-pin connector
*	For models with anti-theft alarm system, interior monitor and tow-away protection

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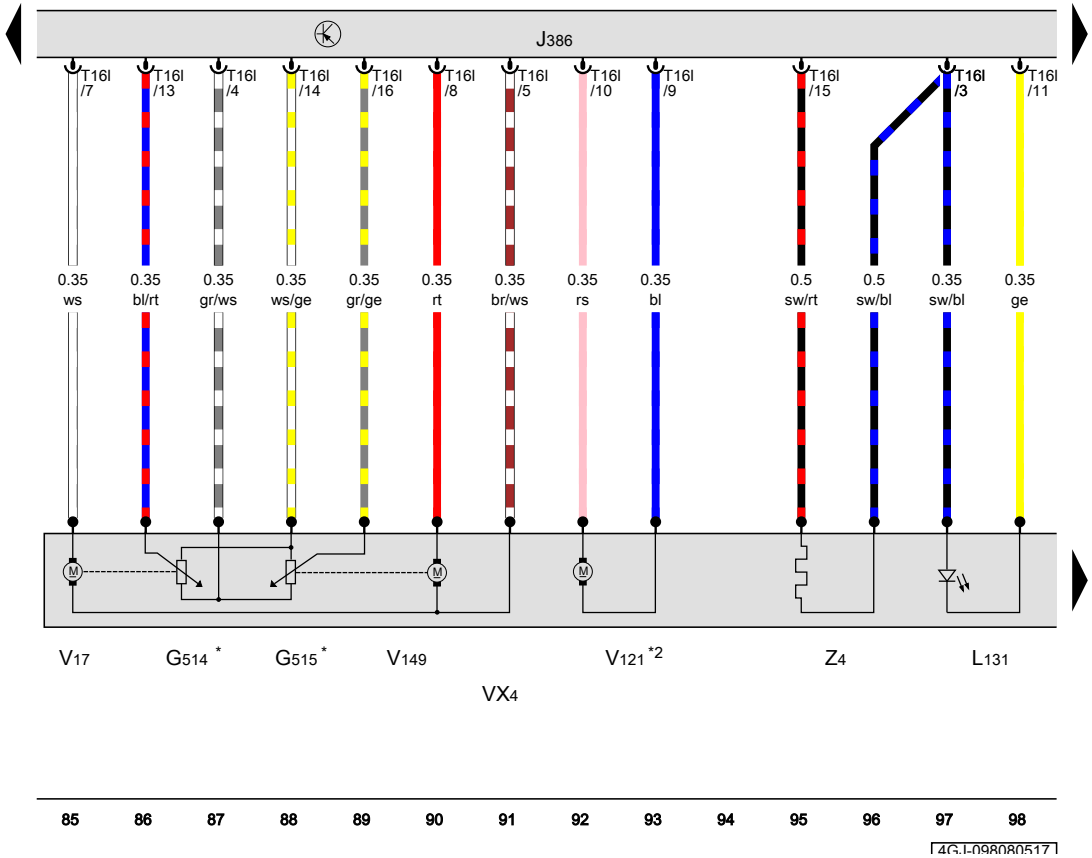


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rs	=	pink

Driver door control unit, Driver side exterior mirror, Driver side mirror adjustment motor 2

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L131	Driver side turn signal repeater bulb
T16l	16-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Z4	Heated exterior mirror on driver side
*	Optional equipment
*2	For models with fold-in mirror

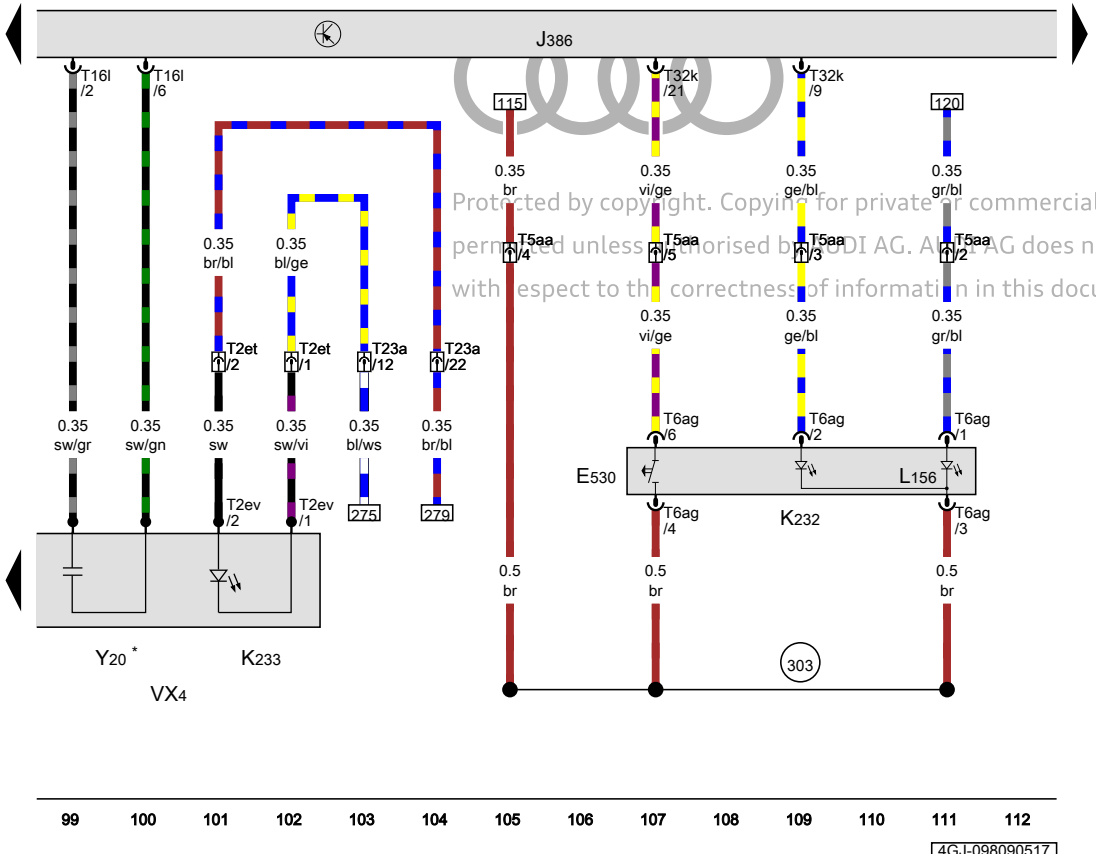
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Button for lane change assist, Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side exterior mirror

E530	Button for lane change assist
J386	Driver door control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
L156	Switch illumination bulb
T2et	2-pin connector, in driver door
T2ev	2-pin connector
T5aa	5-pin connector, in front right door
T6ag	6-pin connector
T16l	16-pin connector
T23a	23-pin connector, on right A-pillar
T32k	32-pin connector
VX4	Driver side exterior mirror
Y20	Automatic anti-dazzle exterior mirror, driver side
303	Earth connection 3, in drive side door wiring harness
*	For models with automatic anti-dazzle exterior mirror

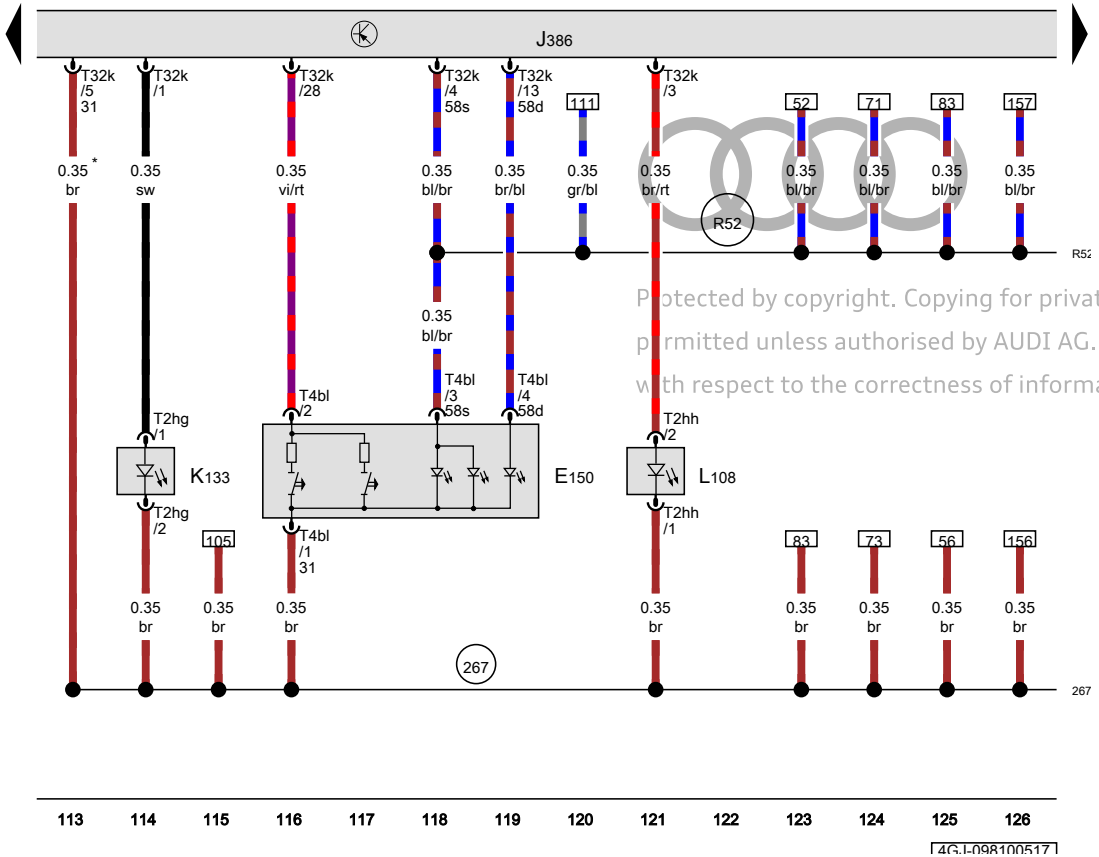


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Driver side interior locking switch, Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb

E150	Driver side interior locking switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
T2hg	2-pin connector
T2hh	2-pin connector
T4bl	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Output for switch earth

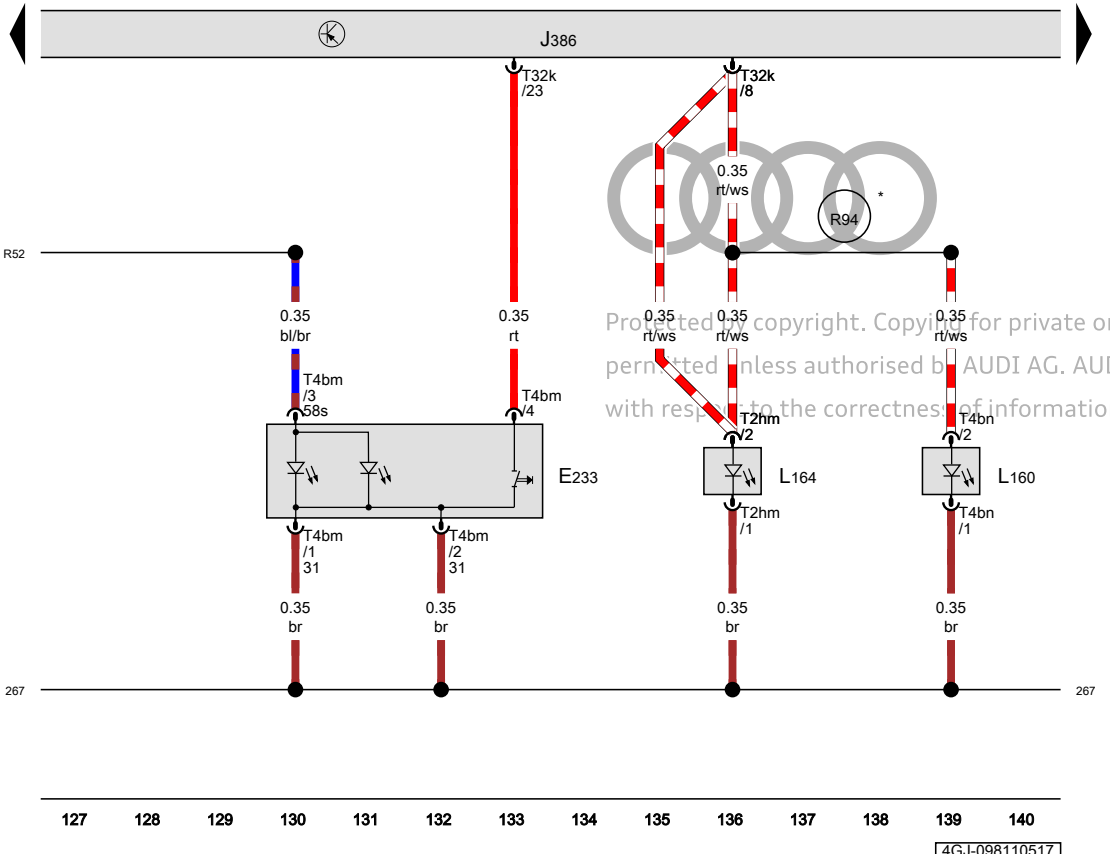


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rs	=	pink

Rear lid remote release button, Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb

E233	Rear lid remote release button
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2hm	2-pin connector
T4bm	4-pin connector
T4bn	4-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
R94	Connection 1 in driver side door wiring harness
*	For models with additional lights



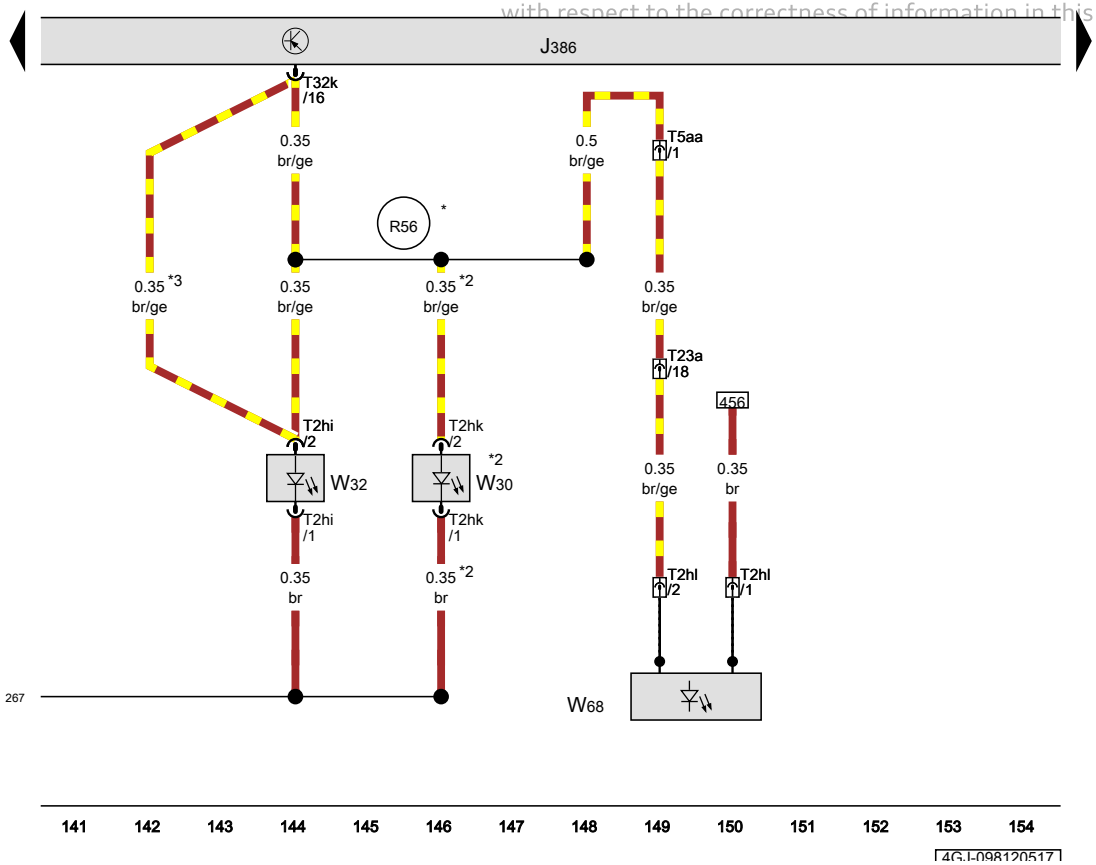
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or	=	orange
rs	=	pink

Driver door control unit, Driver side door warning lamp, Front right entry light, Light conductor for front right sill panel moulding ambient lighting

J386	Driver door control unit
T2hi	2-pin connector
T2hk	2-pin connector
T2hl	2-pin connector
T5aa	5-pin connector, in front right door
T23a	23-pin connector, on right A-pillar
T32k	32-pin connector
W30	Driver side door warning lamp
W32	Front right entry light
W68	Light conductor for front right sill panel moulding ambient lighting
267	Earth connection 2, in drive side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	For models with additional lights
*2	Up to May 2017
*3	For models with no additional lights

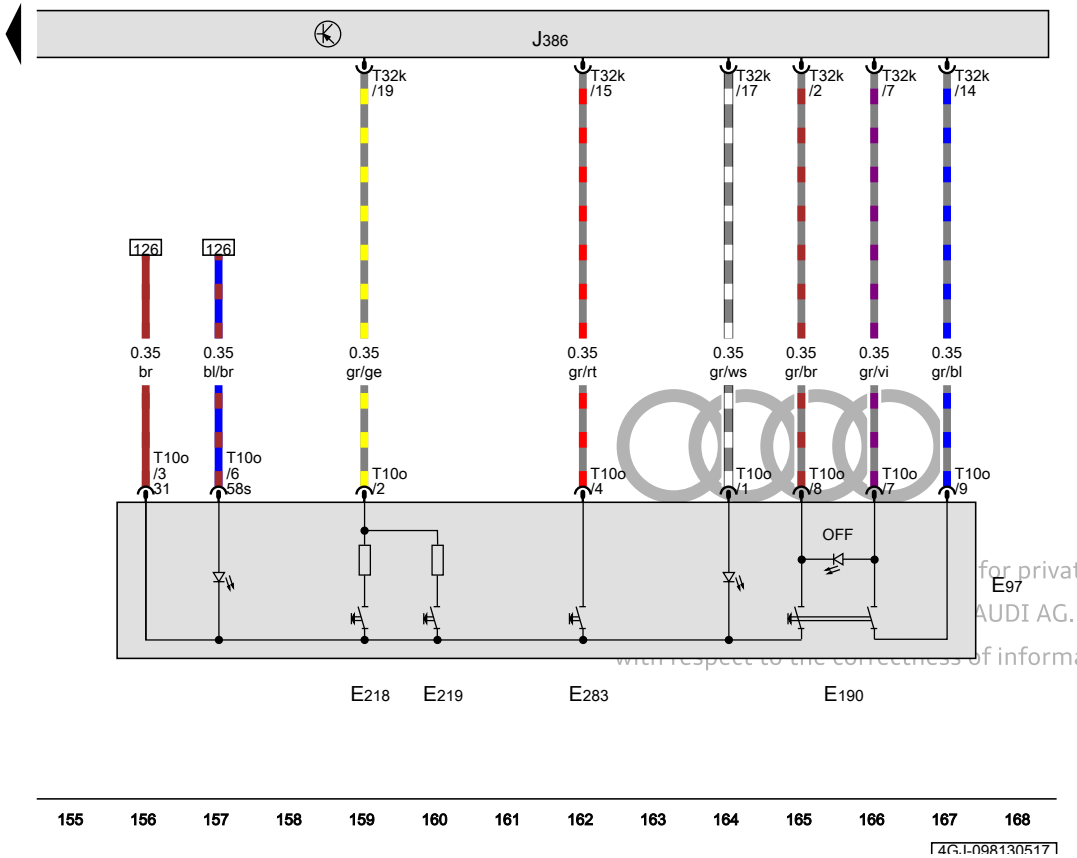
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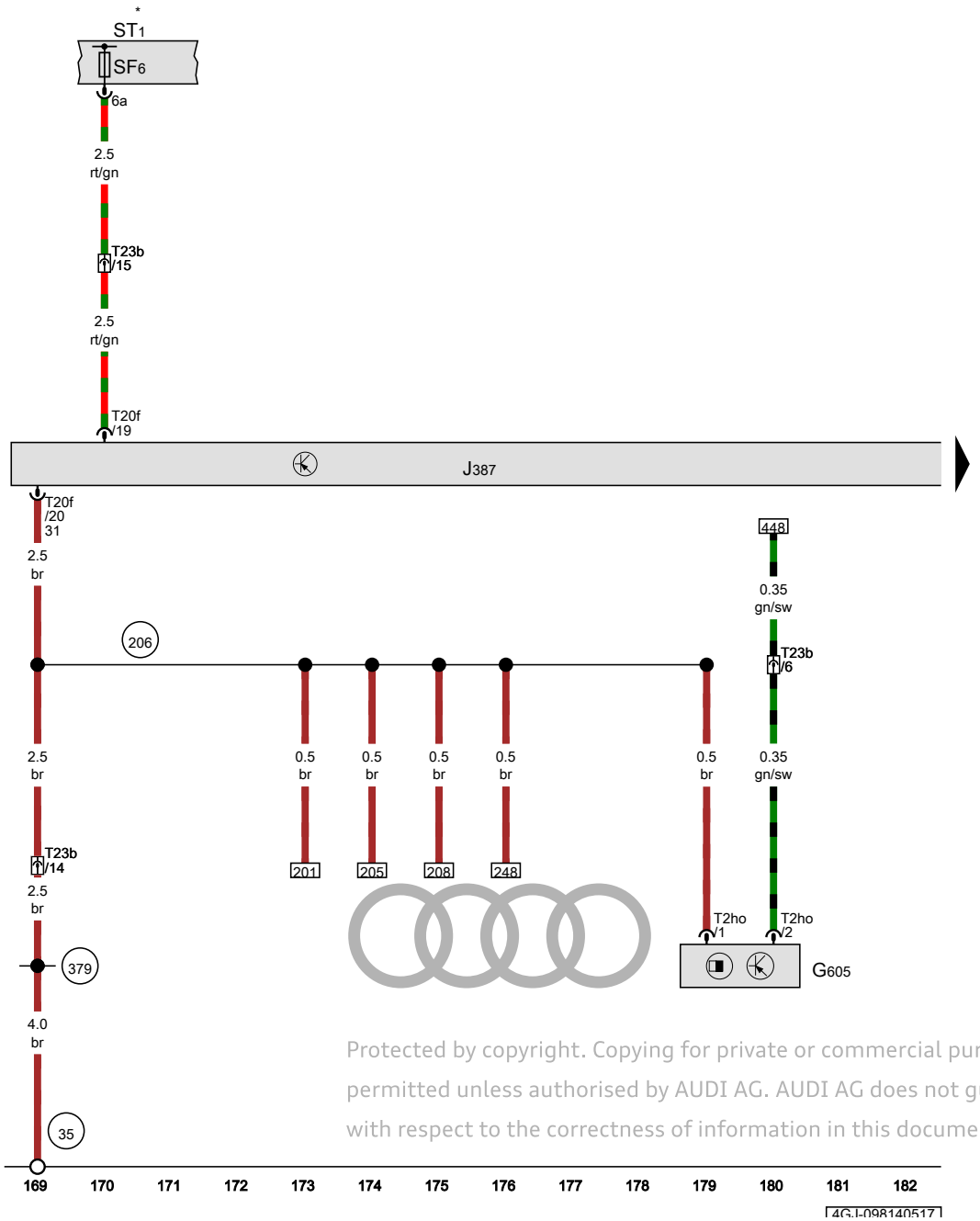
Driver seat memory operating unit, Emergency-off button, Seat memory position button 1, Driver seat memory function button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E218	Seat memory position button 1
E219	Seat memory position button 2
E283	Driver seat memory function button
J386	Driver door control unit
T10o	10-pin connector
T32k	32-pin connector



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Contact sensor for front left exterior door handle, Front passenger door control unit

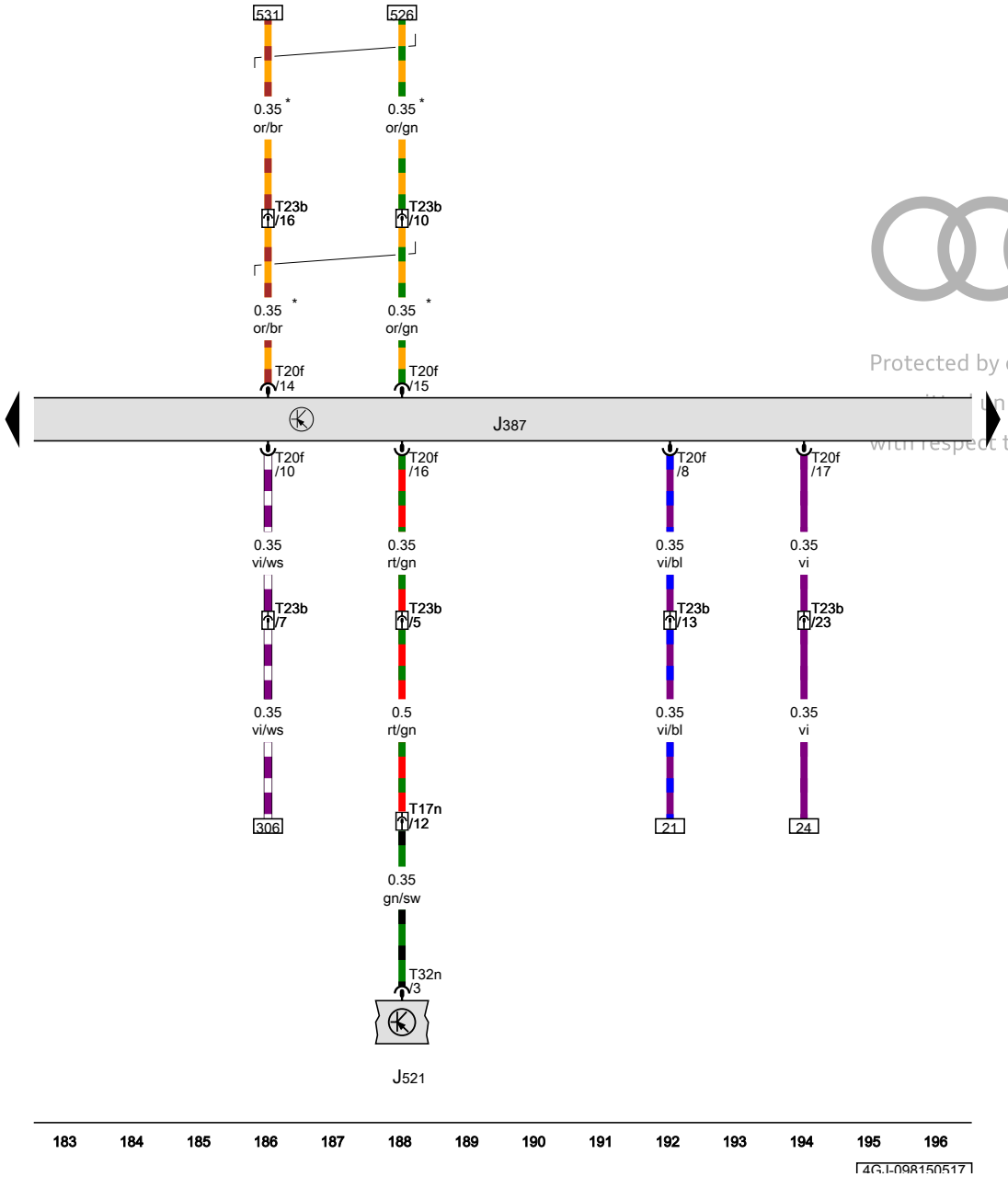
G605	Contact sensor for front left exterior door handle
J387	Front passenger door control unit
ST1	Fuse carrier 1
SF6	Fuse 6 in fuse holder F
T2ho	2-pin connector
T20f	20-pin connector
T23b	23-pin connector, on left A-pillar
35	Earth point, under front passenger seat
206	Earth connection, in front passenger door wiring harness
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Front passenger door control unit

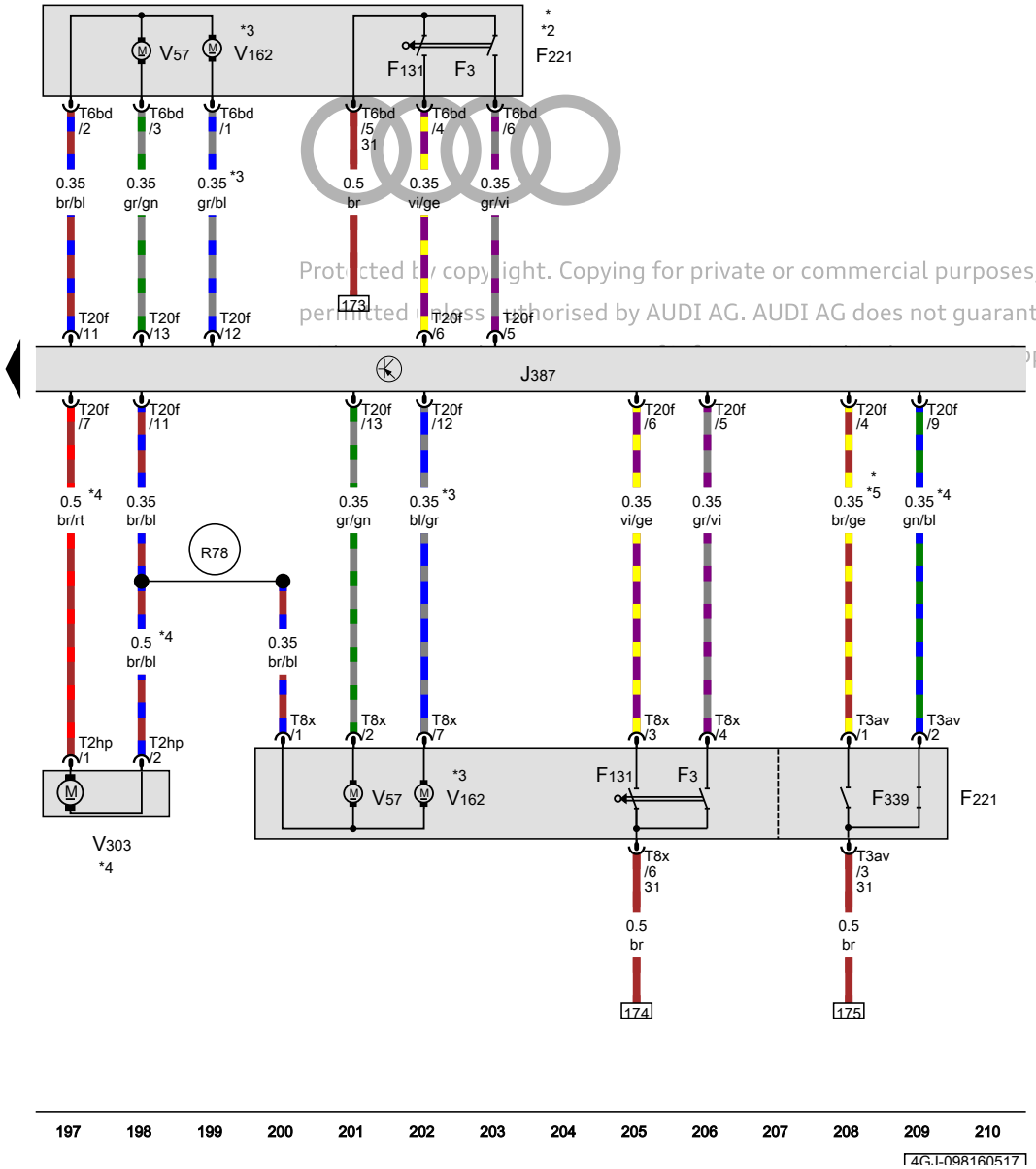
J387	Front passenger door control unit
J521	Front passenger seat adjustment with memory control unit
T17n	17-pin connector, in coupling point for front seat, left
T20f	20-pin connector
T23b	23-pin connector, on left A-pillar
T32n	32-pin connector
*	Data bus wire (CAN bus)



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Front passenger side central locking lock unit, Front passenger door power latching system contact switch, Front passenger door control unit, Front passenger door power latching motor



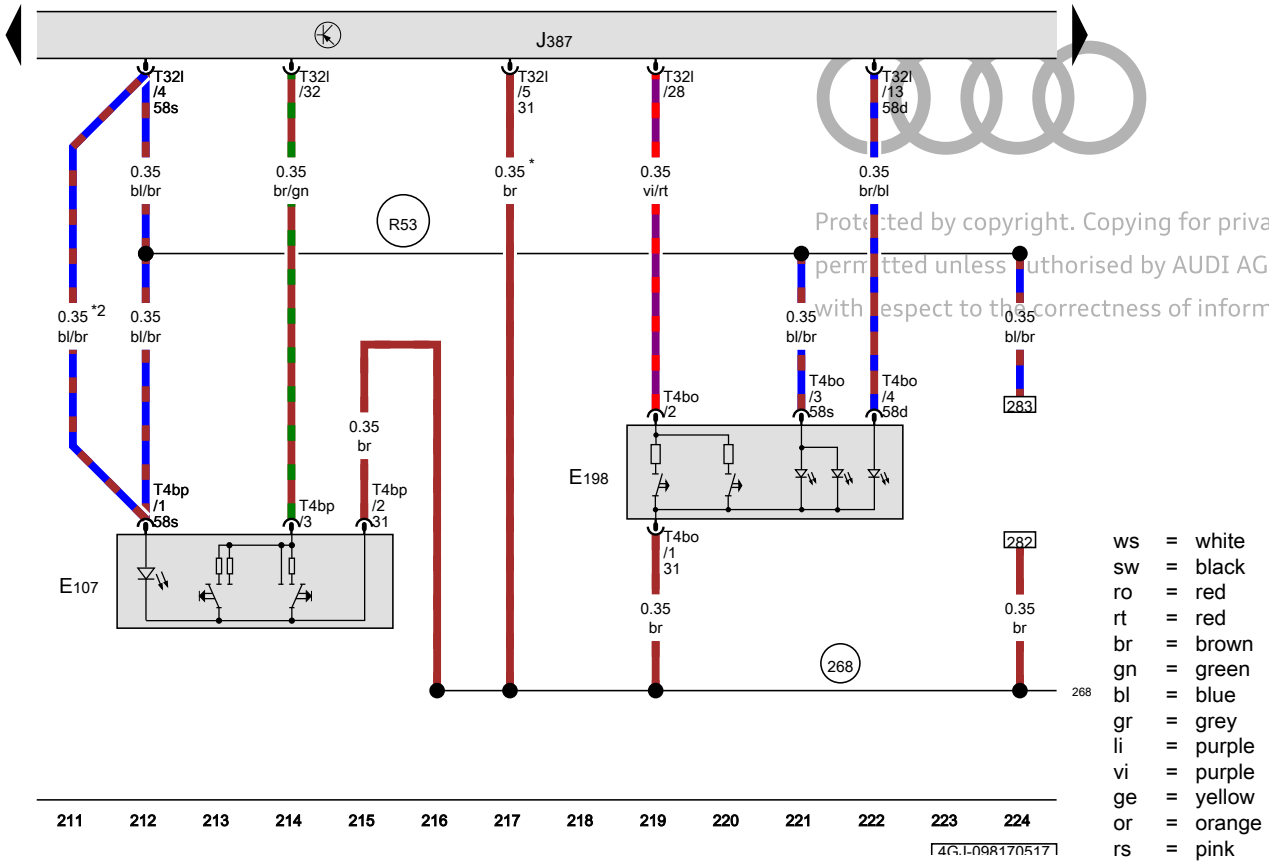
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F3	Front passenger door contact switch
F131	Front left central locking actuator
F221	Front passenger side central locking lock unit
F339	Front passenger door power latching system contact switch
J387	Front passenger door control unit
T2hp	2-pin connector
T3av	3-pin connector
T6bd	6-pin connector
T8x	8-pin connector
T20f	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
V303	Front passenger door power latching motor
R78	Connection 1 (door contact switch), in passenger side door wiring harness
*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	For models with power latching system
*5	For models with adaptive cruise control (ACC)

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Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
T4bo	4-pin connector
T4bp	4-pin connector
T32l	32-pin connector
268	Earth connection 2, in front passenger side door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	Output for switch earth
*2	Electrically adjustable driver and front passenger seats with memory function

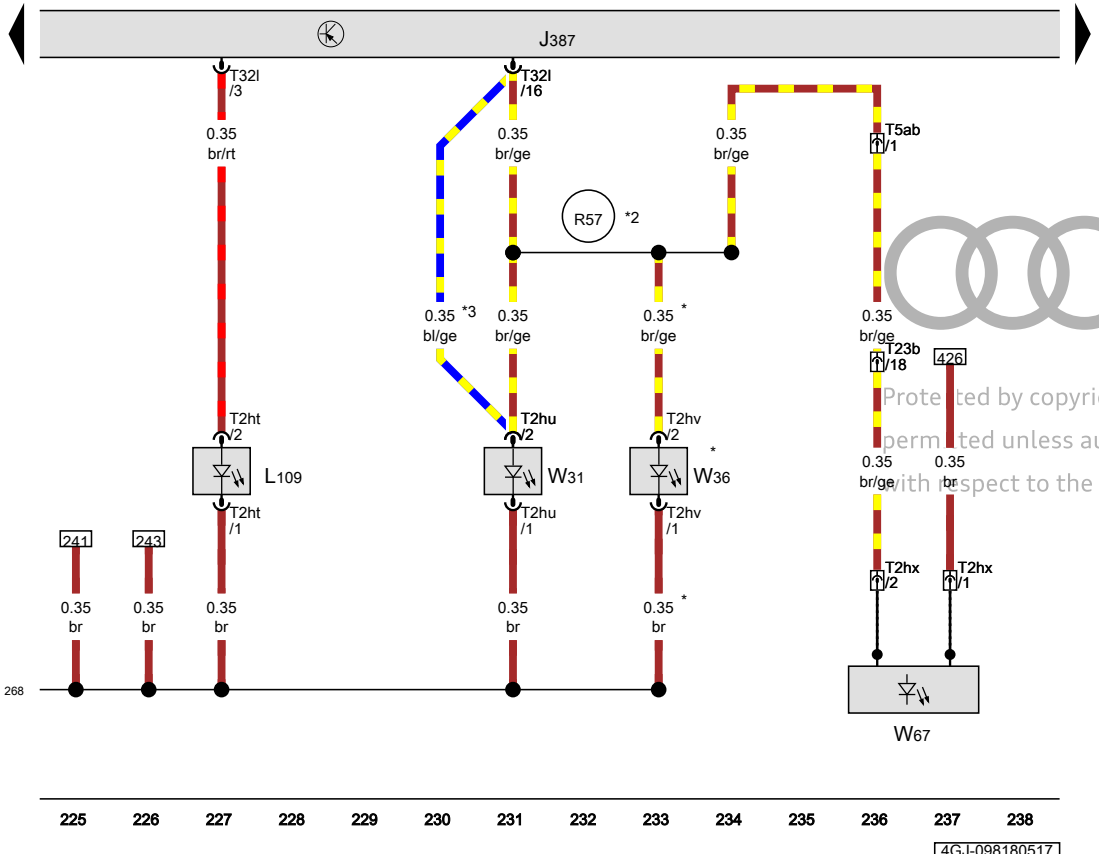


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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger side door warning lamp, Light conductor for front left sill panel moulding ambient lighting

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T2ht	2-pin connector
T2hu	2-pin connector
T2hv	2-pin connector
T2hx	2-pin connector
T5ab	5-pin connector, in front left door
T23b	23-pin connector, on left A-pillar
T32l	32-pin connector
W31	Front left entry light
W36	Front passenger side door warning lamp
W67	Light conductor for front left sill panel moulding ambient lighting
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	Up to May 2017
*2	For models with additional lights
*3	For models with no additional lights



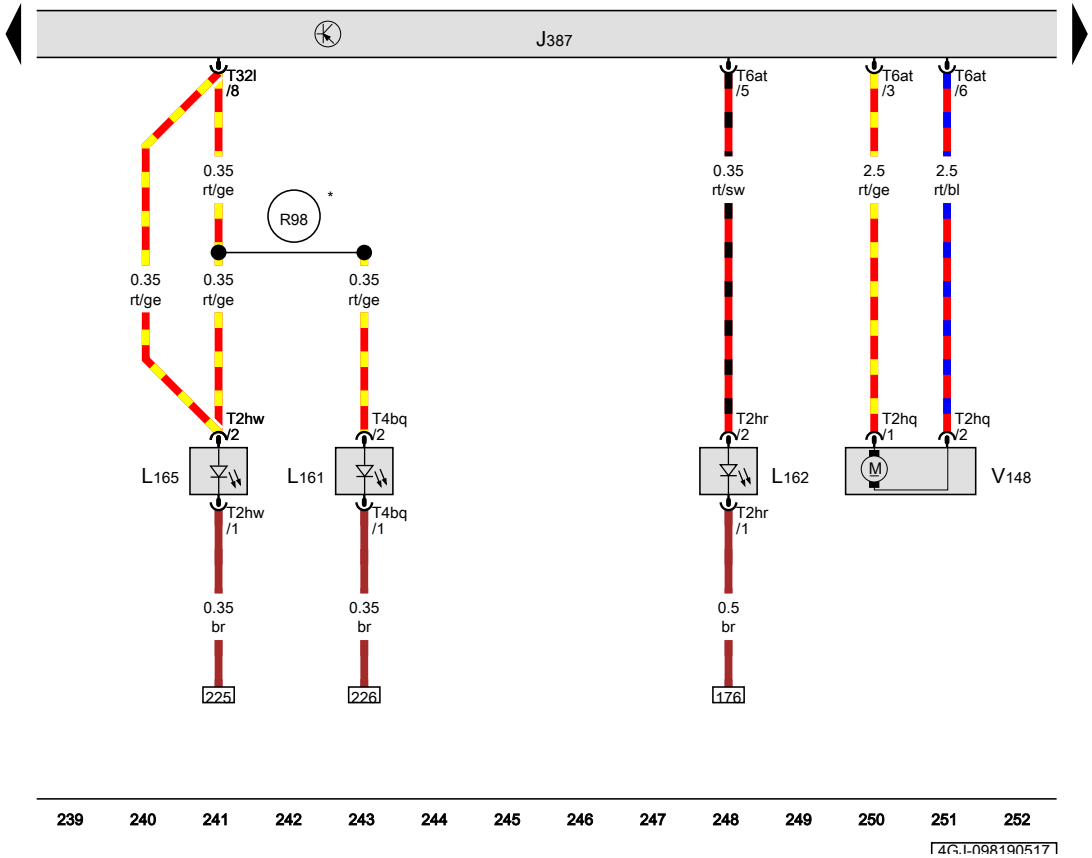
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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front left door exterior handle illumination bulb, Front passenger door ambient lighting bulb, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L162	Front left door exterior handle illumination bulb
L165	Front passenger door ambient lighting bulb
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T4bq	4-pin connector
T6at	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
R98	Connection 1 in front passenger side door wiring harness
*	For models with additional lights

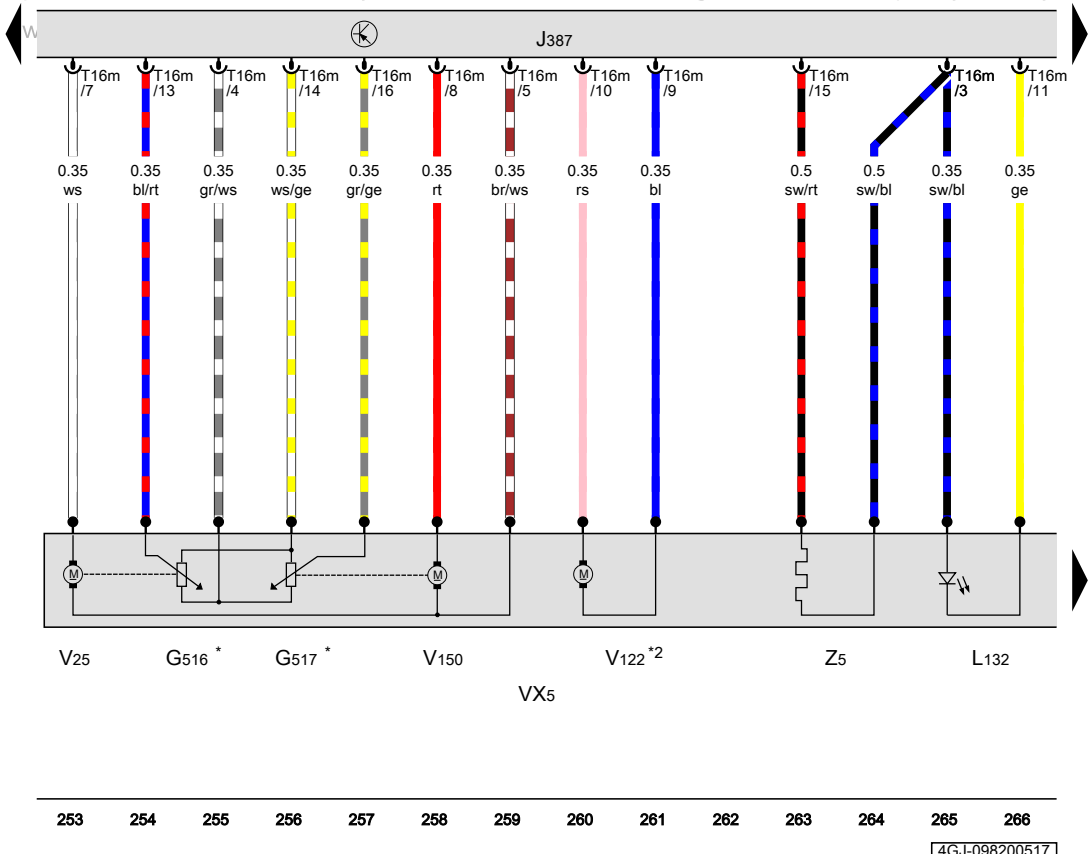


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Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Heated exterior mirror on passenger side

G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16m	16-pin connector
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Z5	Heated exterior mirror on passenger side
*	Optional equipment
*2	For models with fold-in mirror

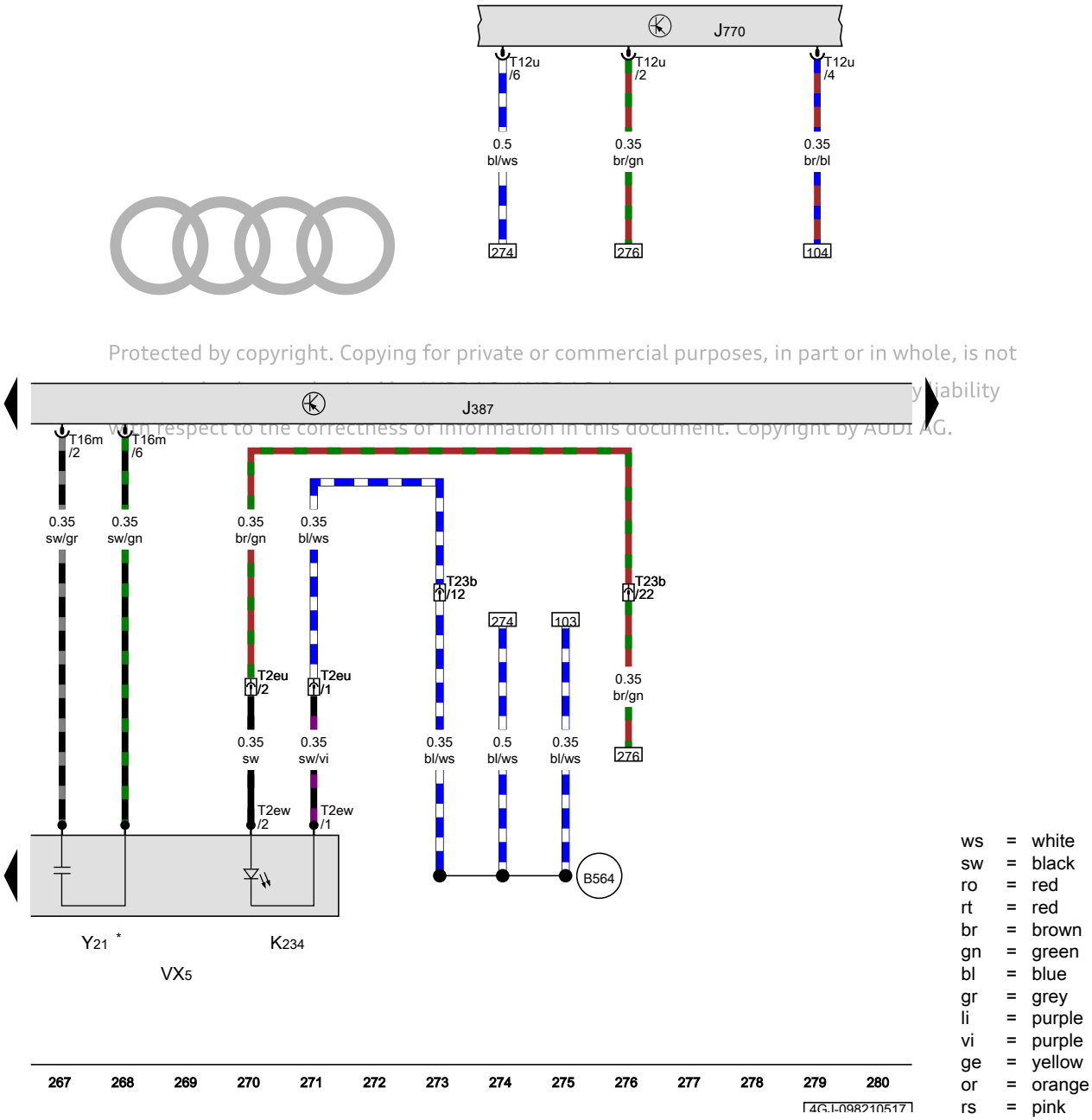
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Front passenger door control unit, Lane change assist control unit 2, Passenger side exterior mirror, Automatic anti-dazzle exterior mirror, passenger side

J387	Front passenger door control unit
J770	Lane change assist control unit 2
K234	Lane change assist warning lamp in passenger side exterior mirror
T2eu	2-pin connector, in front passenger door
T2ew	2-pin connector
T12u	12-pin connector
T16m	16-pin connector
T23b	23-pin connector, on left A-pillar
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
B564	Connection 31, in main wiring harness
*	For models with automatic anti-dazzle exterior mirror

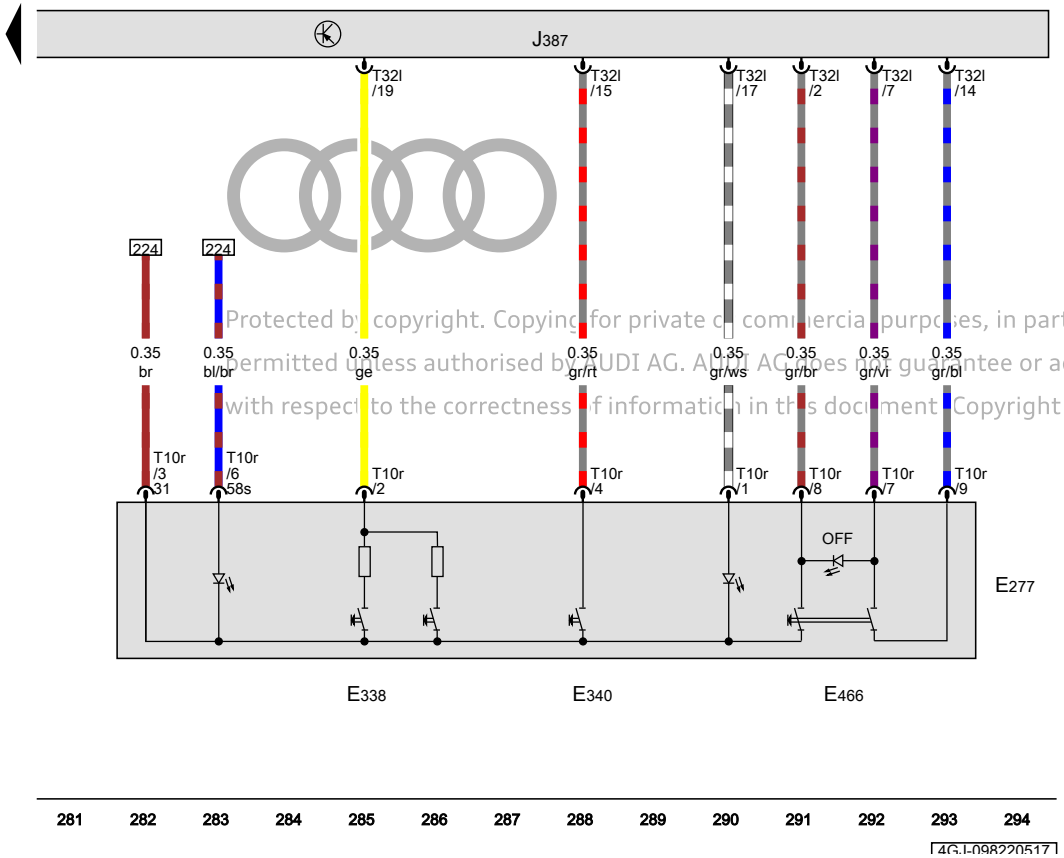


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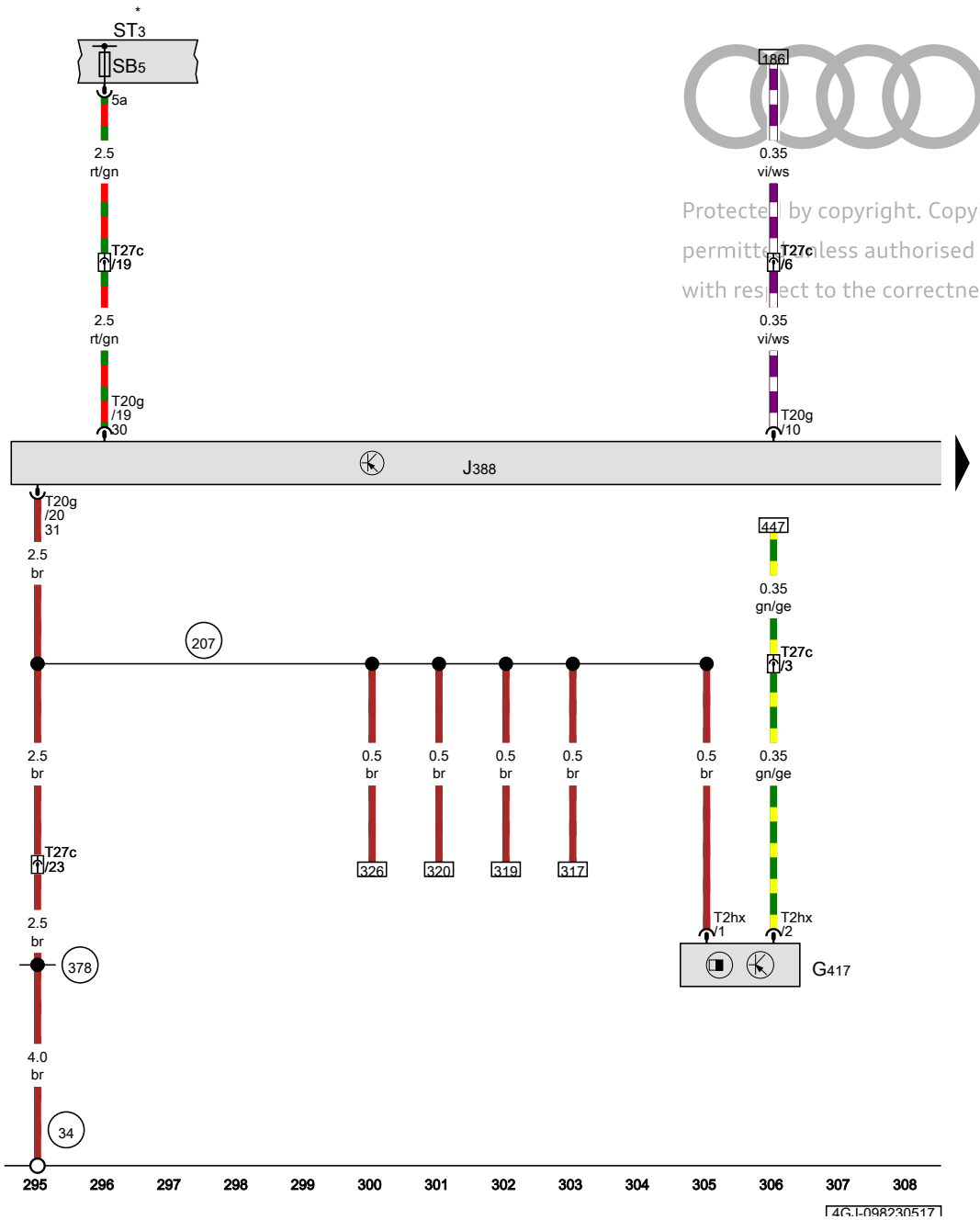
Front passenger seat memory operating unit, Front passenger door control unit

E277	Front passenger seat memory operating unit
E338	Seat memory button for seat positions 1 and 2
E340	Front passenger seat memory function button
E466	Front passenger side emergency off button
J387	Front passenger door control unit
T10r	10-pin connector
T32l	32-pin connector



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Contact sensor for rear left exterior door handle, Rear left door control unit

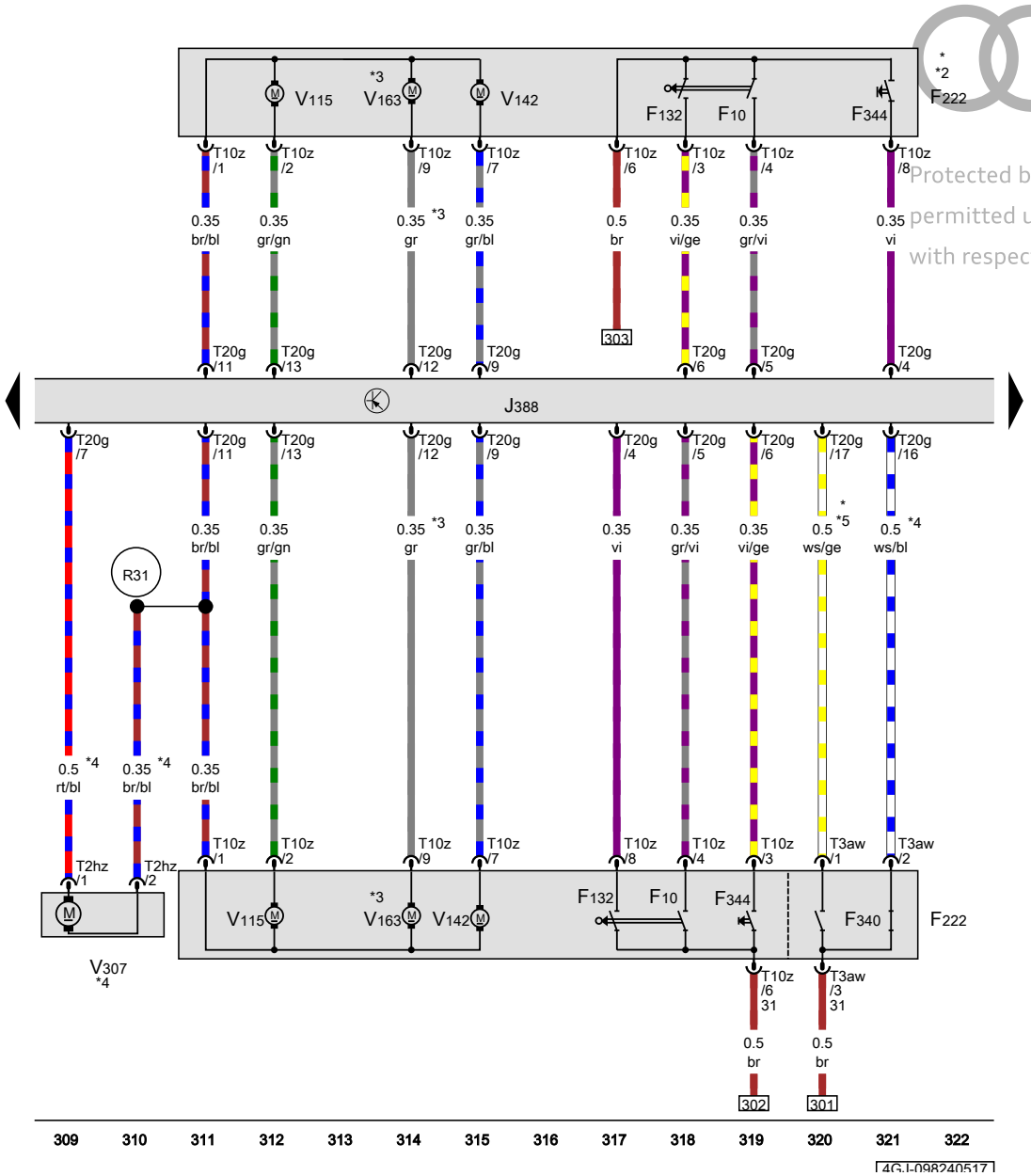
G417	Contact sensor for rear left exterior door handle
J388	Rear left door control unit
ST3	Fuse carrier 3
SB5	Fuse 5 on fuse holder B
T2hx	2-pin connector
T20g	20-pin connector
T27c	27-pin connector, on left B-pillar
34	Earth point, under driver seat
207	Earth connection, in rear left door wiring harness
378	Earth connection 13, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Rear left central locking lock unit, Rear left door control unit, Rear left power latching motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F340	Rear left door power latching system contact switch
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T2hz	2-pin connector
T3aw	3-pin connector
T10z	10-pin connector
T20g	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
V307	Rear left power latching motor
R31	Connection 1, in rear left door wiring harness

*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	For models with power latching system
*5	For models with adaptive cruise control (ACC)

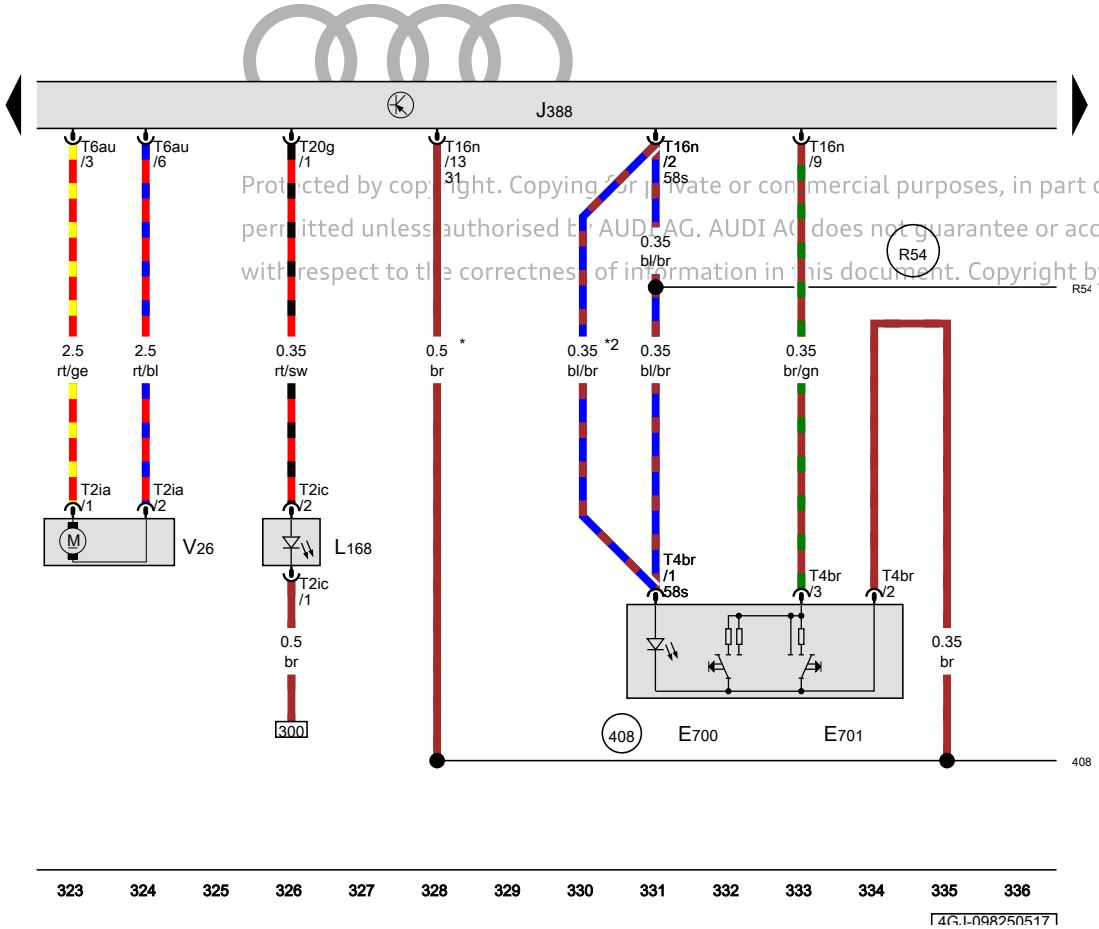


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Rear left window regulator button in rear left door, Rear left door control unit, Rear left exterior door handle illumination bulb, Rear left window regulator motor

E700	Rear left window regulator button in rear left door
E701	Rear right window regulator button in rear left door
J388	Rear left door control unit
L168	Rear left exterior door handle illumination bulb
T2ia	2-pin connector
T2ic	2-pin connector
T4br	4-pin connector
T6au	6-pin connector
T16n	16-pin connector
T20g	20-pin connector
V26	Rear left window regulator motor
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	Output for switch earth
*2	For models with no additional lights

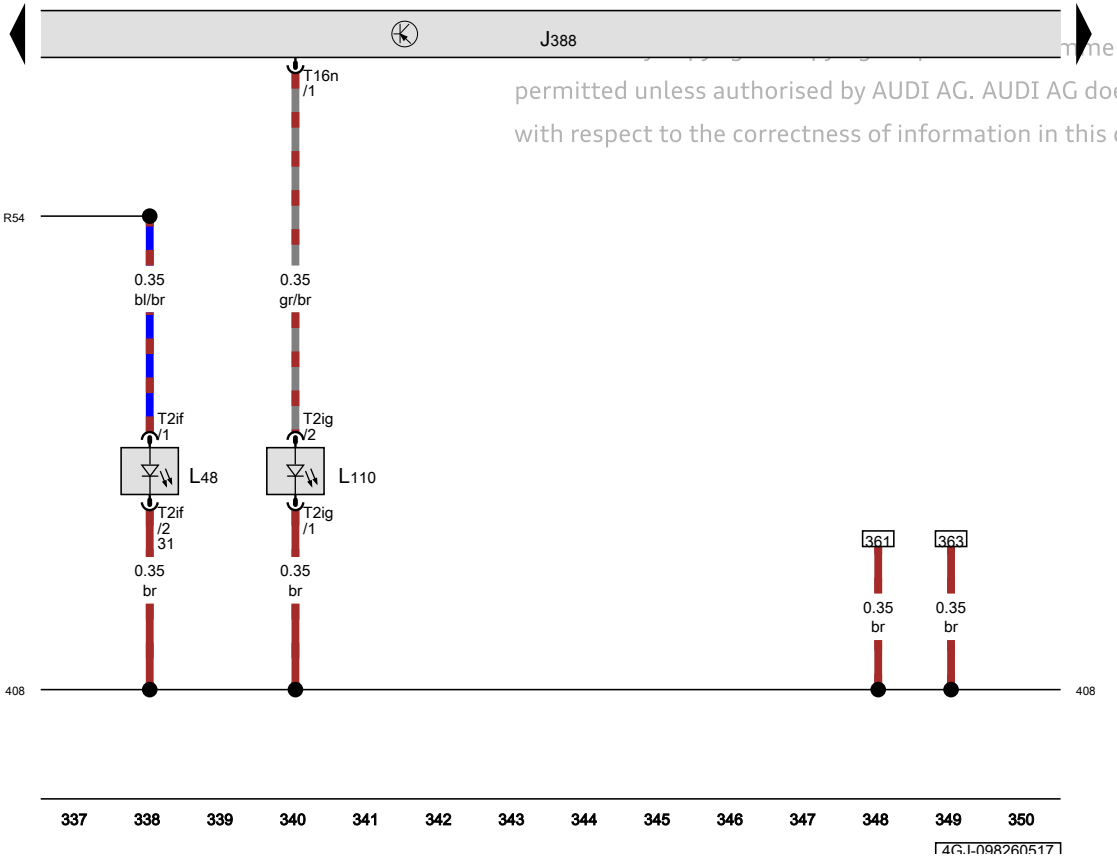


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Rear left door control unit, Rear left ashtray illumination bulb, Rear left door opener illumination bulb

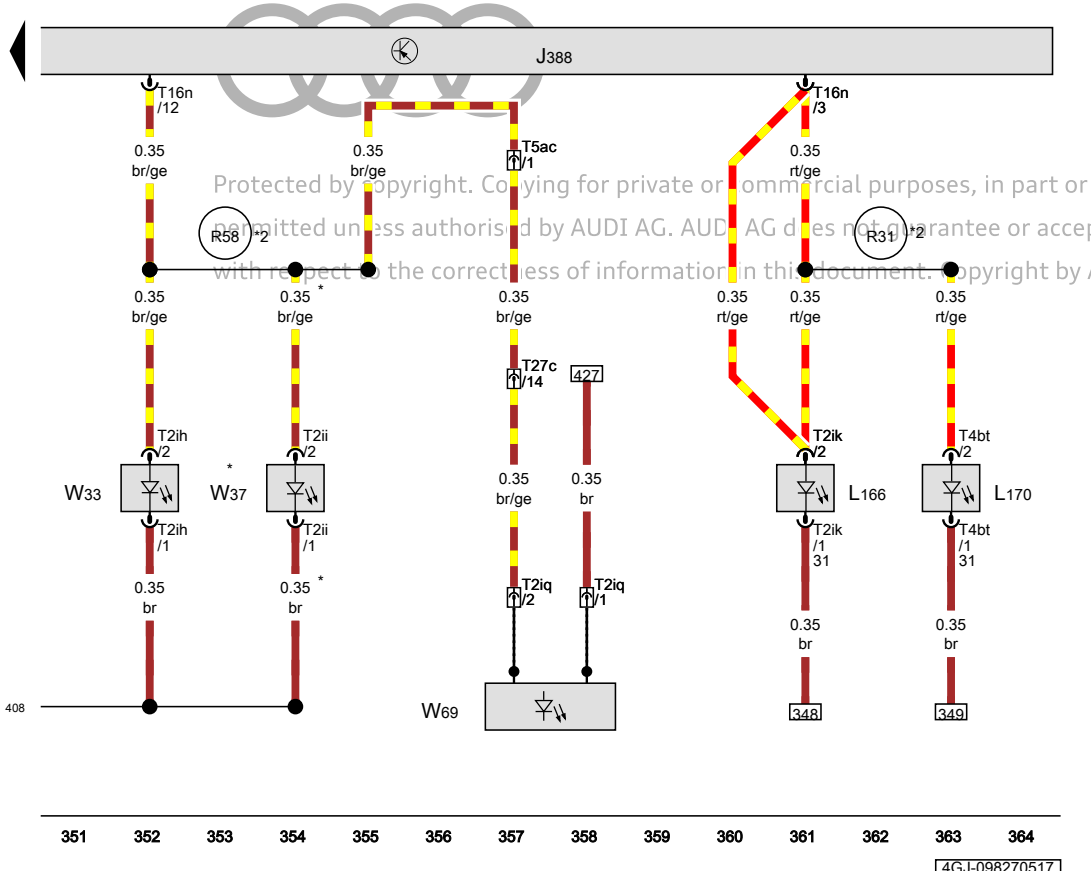
J388	Rear left door control unit
L48	Rear left ashtray illumination bulb
L110	Rear left door opener illumination bulb
T2if	2-pin connector
T2ig	2-pin connector
T16n	16-pin connector
408	Earth connection 3, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness



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Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp, Light conductor for rear left sill panel moulding ambient lighting

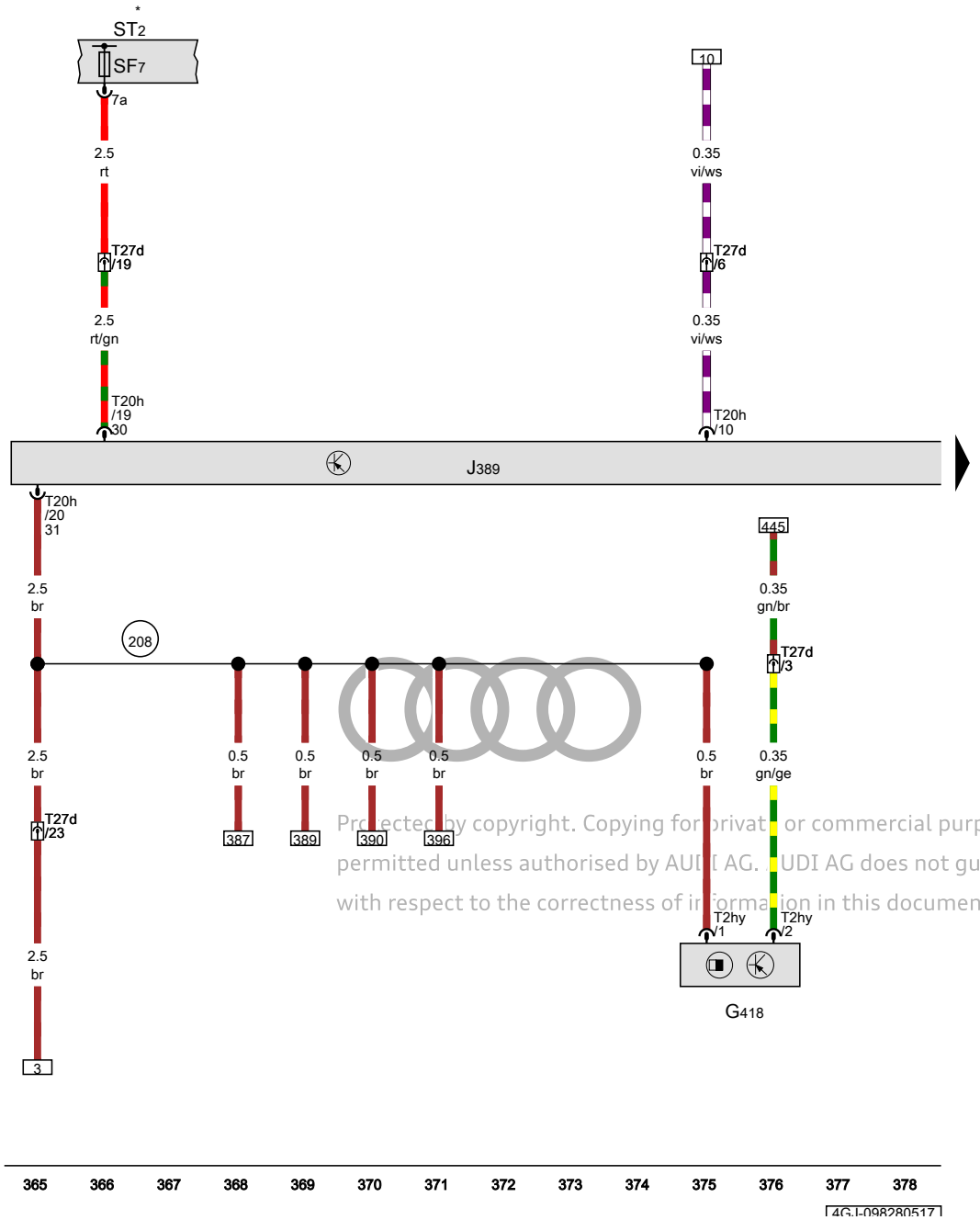


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J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2ih	2-pin connector
T2ii	2-pin connector
T2ik	2-pin connector
T2iq	2-pin connector
T4bt	4-pin connector
T5ac	5-pin connector, in rear left door
T16n	16-pin connector
T27c	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
W69	Light conductor for rear left sill panel moulding ambient lighting
408	Earth connection 3, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Up to May 2017
*2	For models with additional lights

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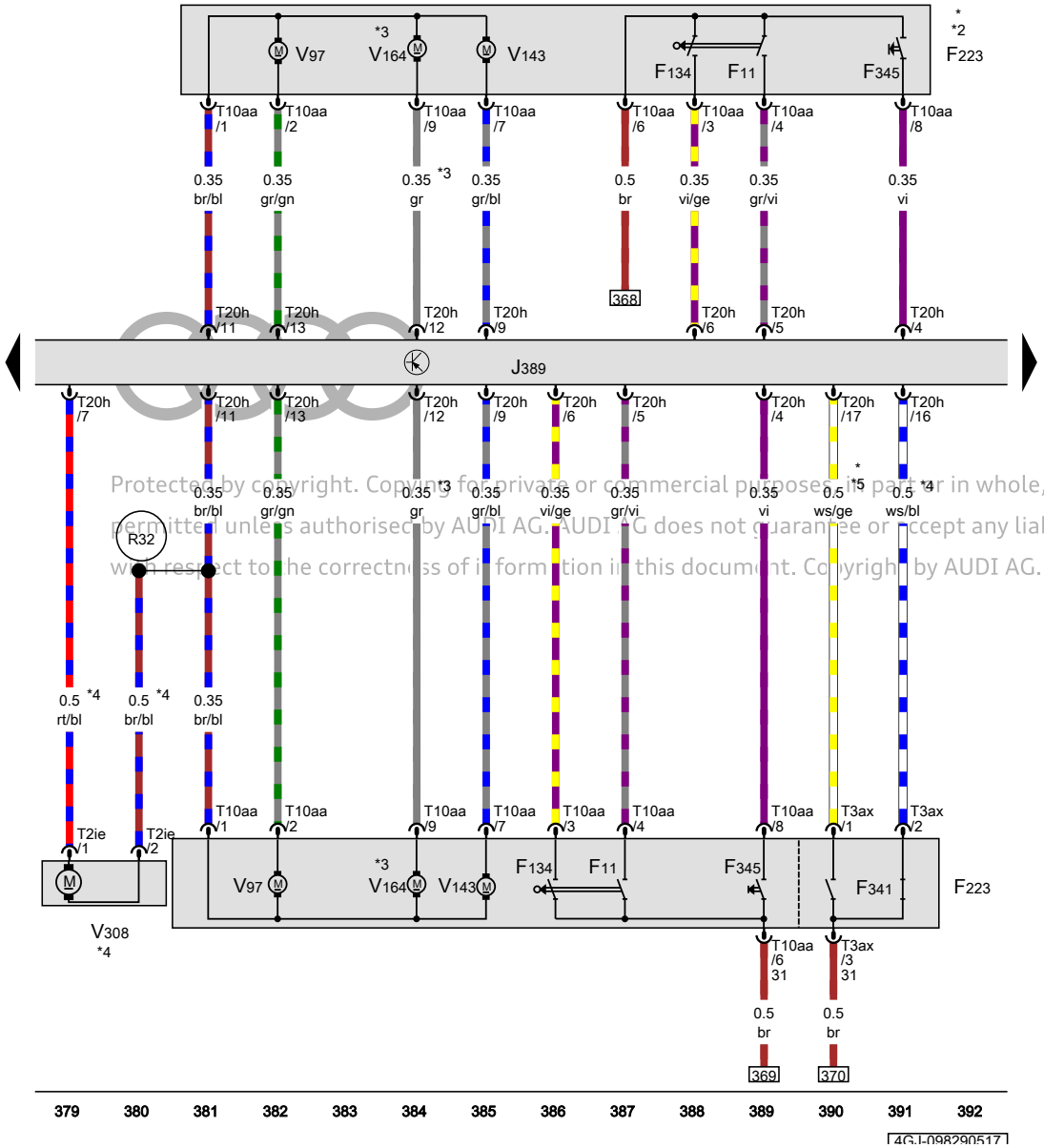
Contact sensor for rear right exterior door handle, Rear right door control unit



G418	Contact sensor for rear right exterior door handle
J389	Rear right door control unit
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
T2hy	2-pin connector
T20h	20-pin connector
T27d	27-pin connector, on right B-pillar
208	Earth connection, in rear right door wiring harness
*	see applicable current flow diagram for fuse assignment

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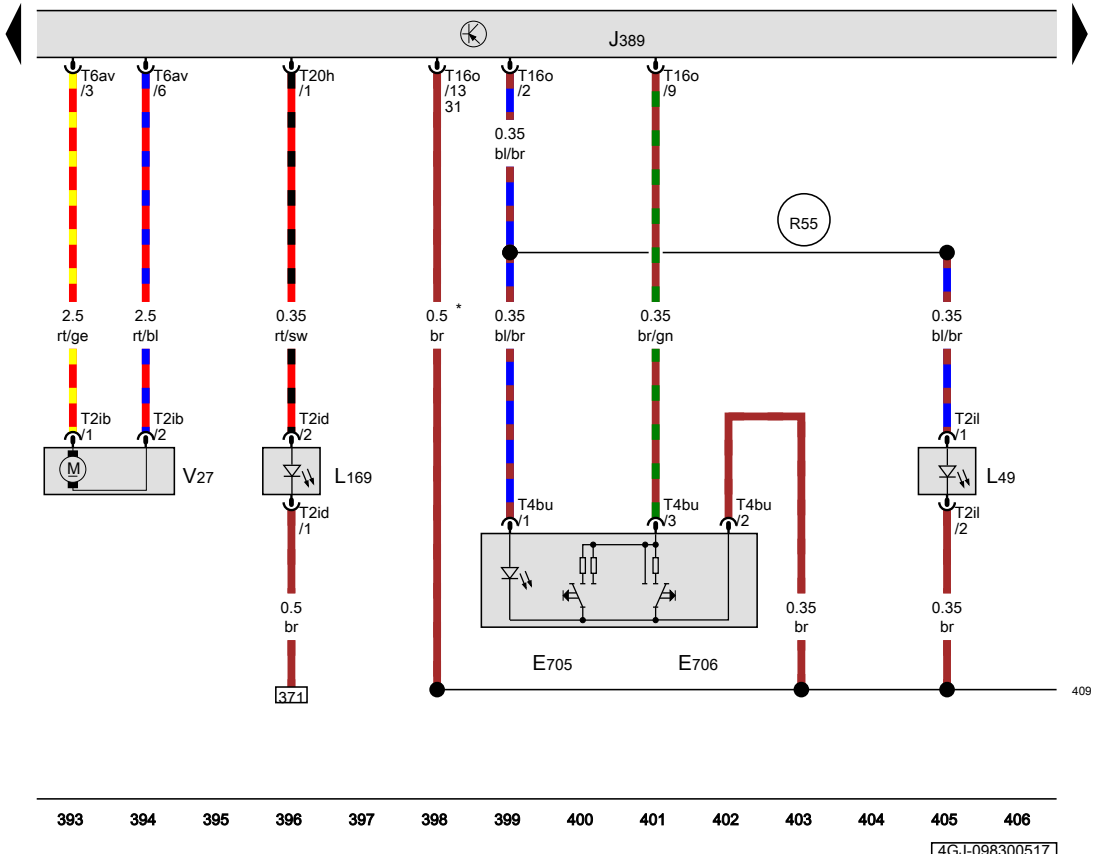
Rear right central locking lock unit, Rear right door control unit

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F341	Rear right door power latching system contact switch
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T2ie	2-pin connector
T3ax	3-pin connector
T10aa	10-pin connector
T20h	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
V308	Rear right power latching motor
R32	Connection 2, in rear right door wiring harness

*	For models with no power latching system
*2	For models with no adaptive cruise control (ACC)
*3	Not for American markets
*4	For models with power latching system
*5	For models with adaptive cruise control (ACC)

Rear right window regulator button in rear right door, Rear right door control unit, Rear right ashtray illumination bulb, Rear right exterior door handle illumination bulb, Rear right window regulator motor

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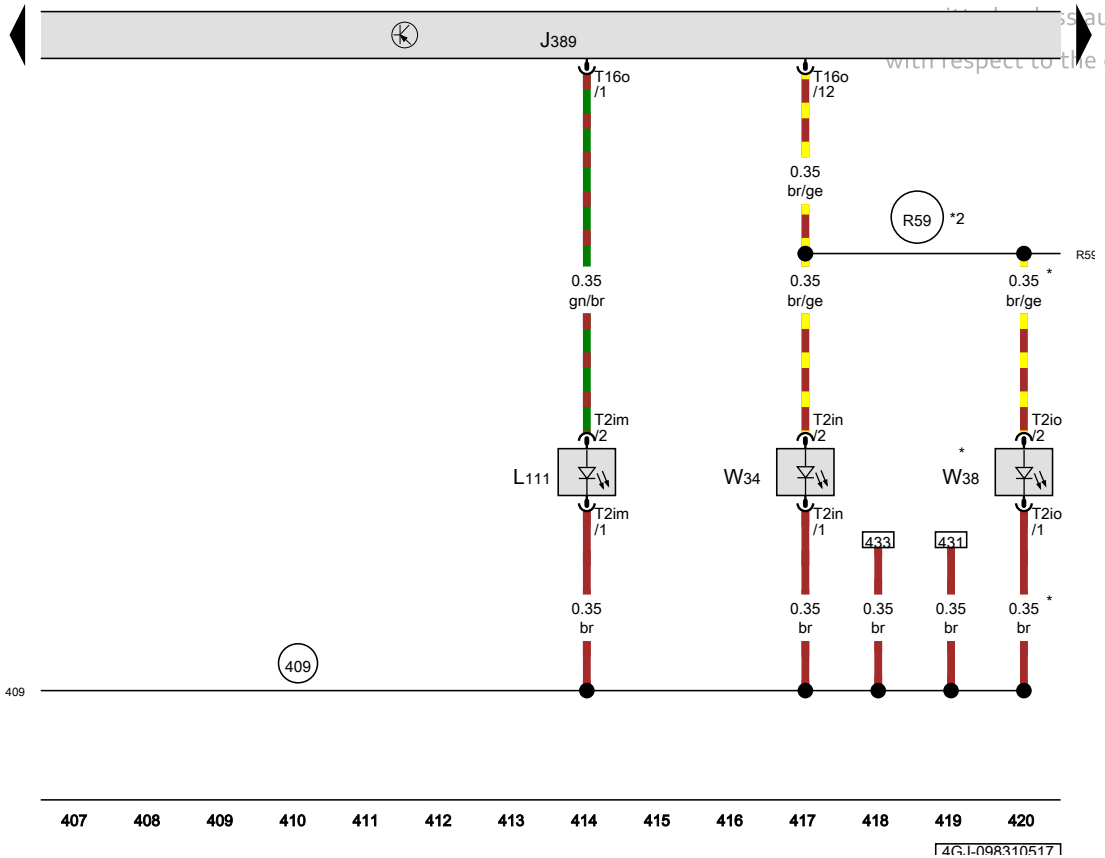
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

E705	Rear right window regulator button in rear right door
E706	Rear left window regulator button in rear right door
J389	Rear right door control unit
L49	Rear right ashtray illumination bulb
L169	Rear right exterior door handle illumination bulb
T2ib	2-pin connector
T2id	2-pin connector
T2il	2-pin connector
T4bu	4-pin connector
T6av	6-pin connector
T16o	16-pin connector
T20h	20-pin connector
V27	Rear right window regulator motor
409	Earth connection 3, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	Output for switch earth
*2	For models with additional lights

Rear right door control unit, Rear right door opener illumination bulb, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T16o	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
409	Earth connection 3, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	Up to May 2017
*2	For models with additional lights

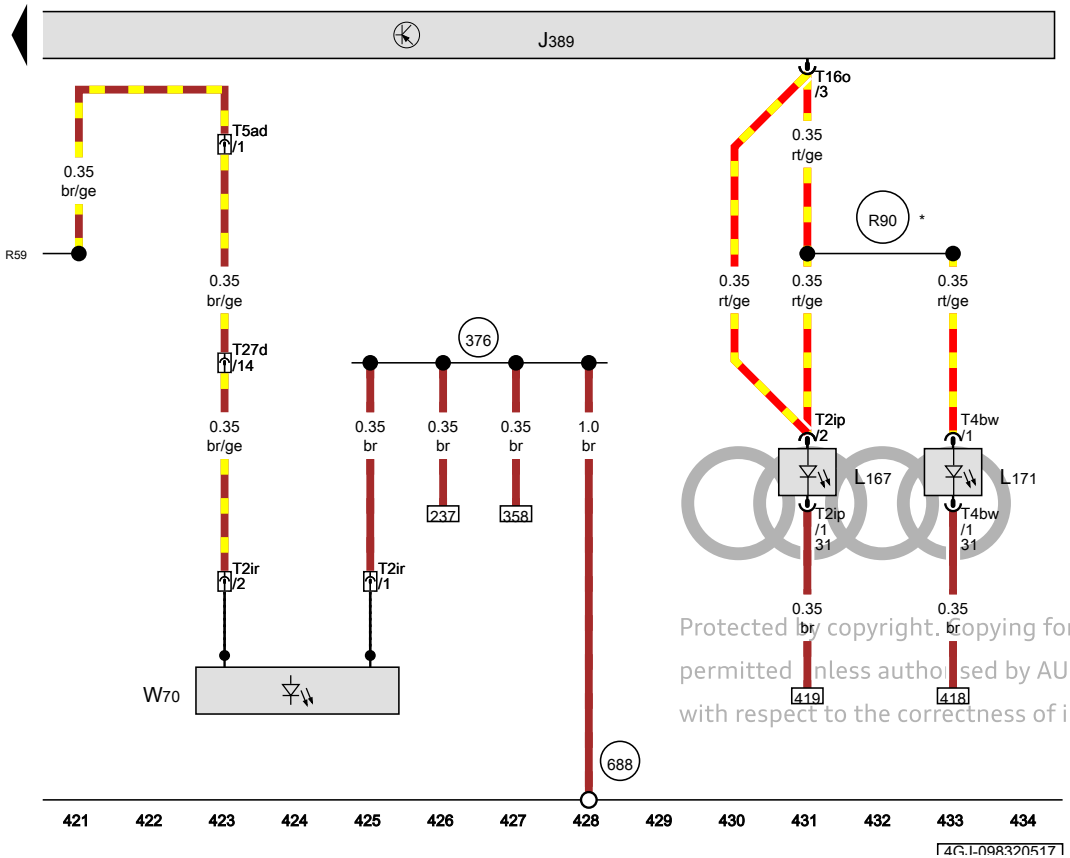
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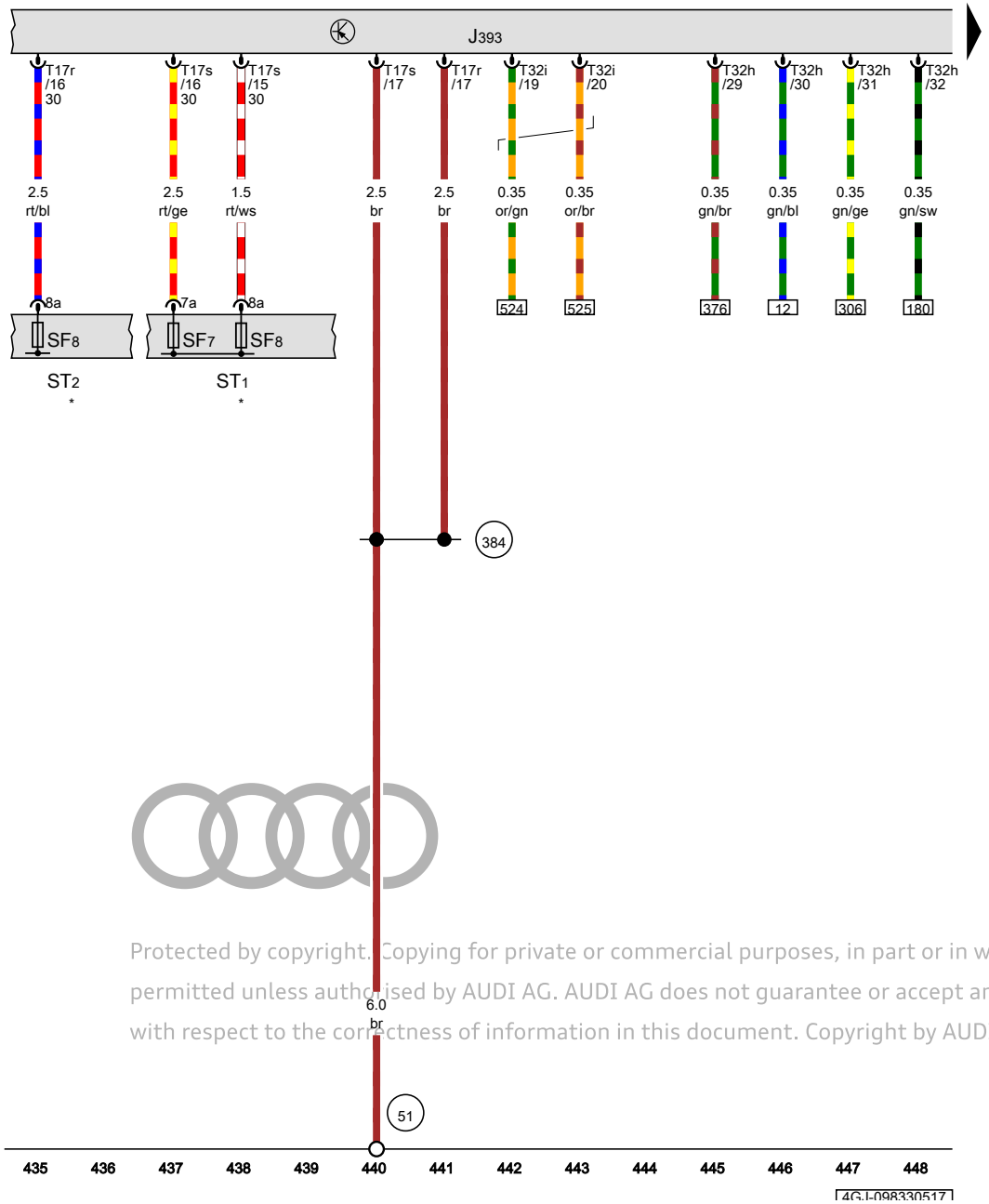
Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Light conductor for rear right sill panel moulding ambient lighting

J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2ip	2-pin connector
T2ir	2-pin connector
T4bw	4-pin connector
T5ad	5-pin connector, in rear right door
T16o	16-pin connector
T27d	27-pin connector, on right B-pillar
W70	Light conductor for rear right sill panel moulding ambient lighting
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	For models with additional lights



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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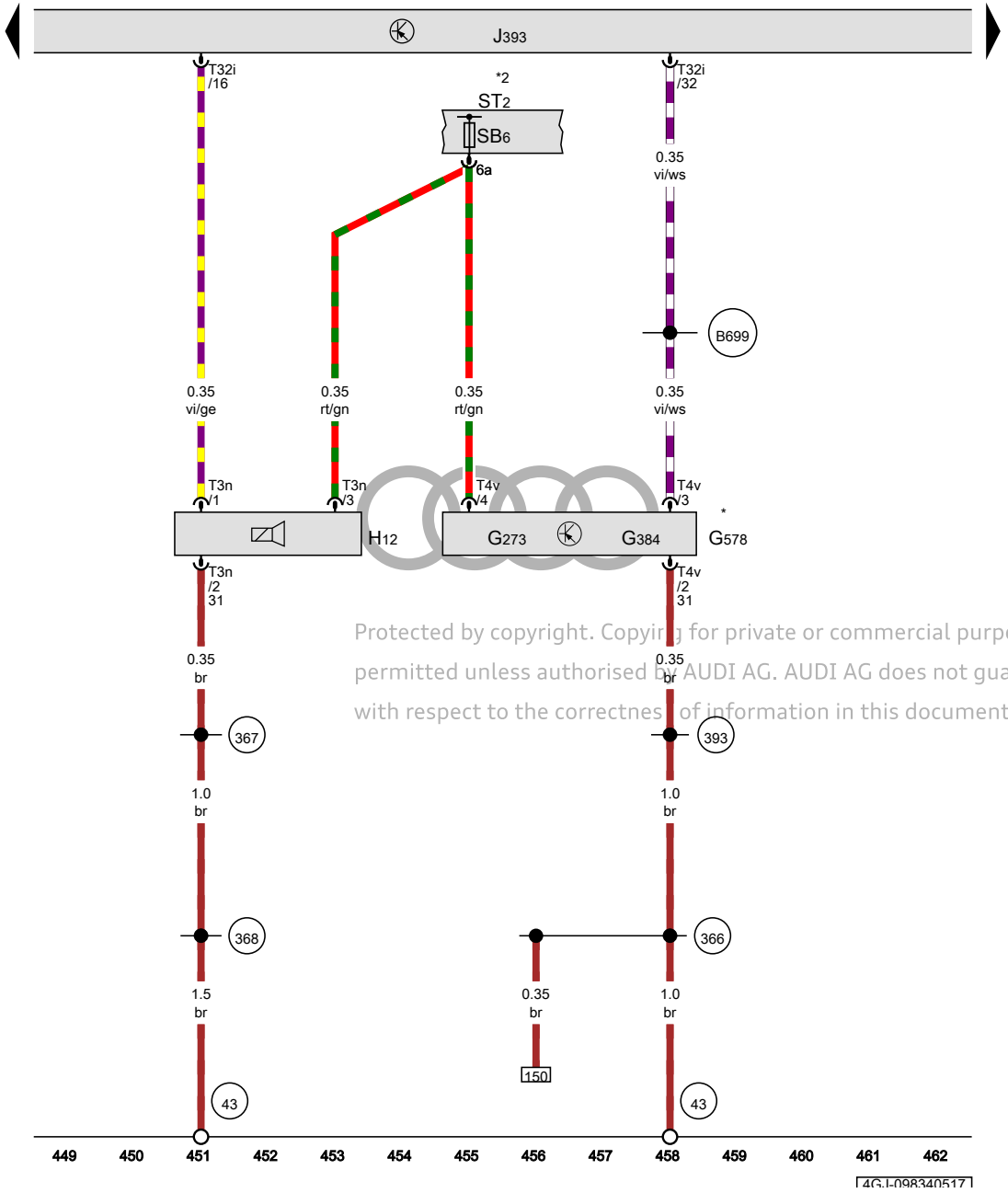
Convenience system central control unit

J393	Convenience system central control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T17r	17-pin connector
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
51	Earth point, on right in luggage compartment
384	Earth connection 19, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Anti-theft alarm sensor, Alarm horn, Convenience system central control unit



G273 Interior monitoring sensor
G384 Vehicle inclination sender
G578 Anti-theft alarm sensor
H12 Alarm horn
J393 Convenience system central control unit
ST2 Fuse carrier 2
SB6 Fuse 6 on fuse holder B
T3n 3-pin connector
T4v 4-pin connector
T32i 32-pin connector

43 Earth point, lower part of right A-pillar

366 Earth connection 1, in main wiring harness

367 Earth connection 2, in main wiring harness

368 Earth connection 3, in main wiring harness

393 Earth connection 28, in main wiring harness

B699 Connection 4 (LIN bus) in main wiring harness

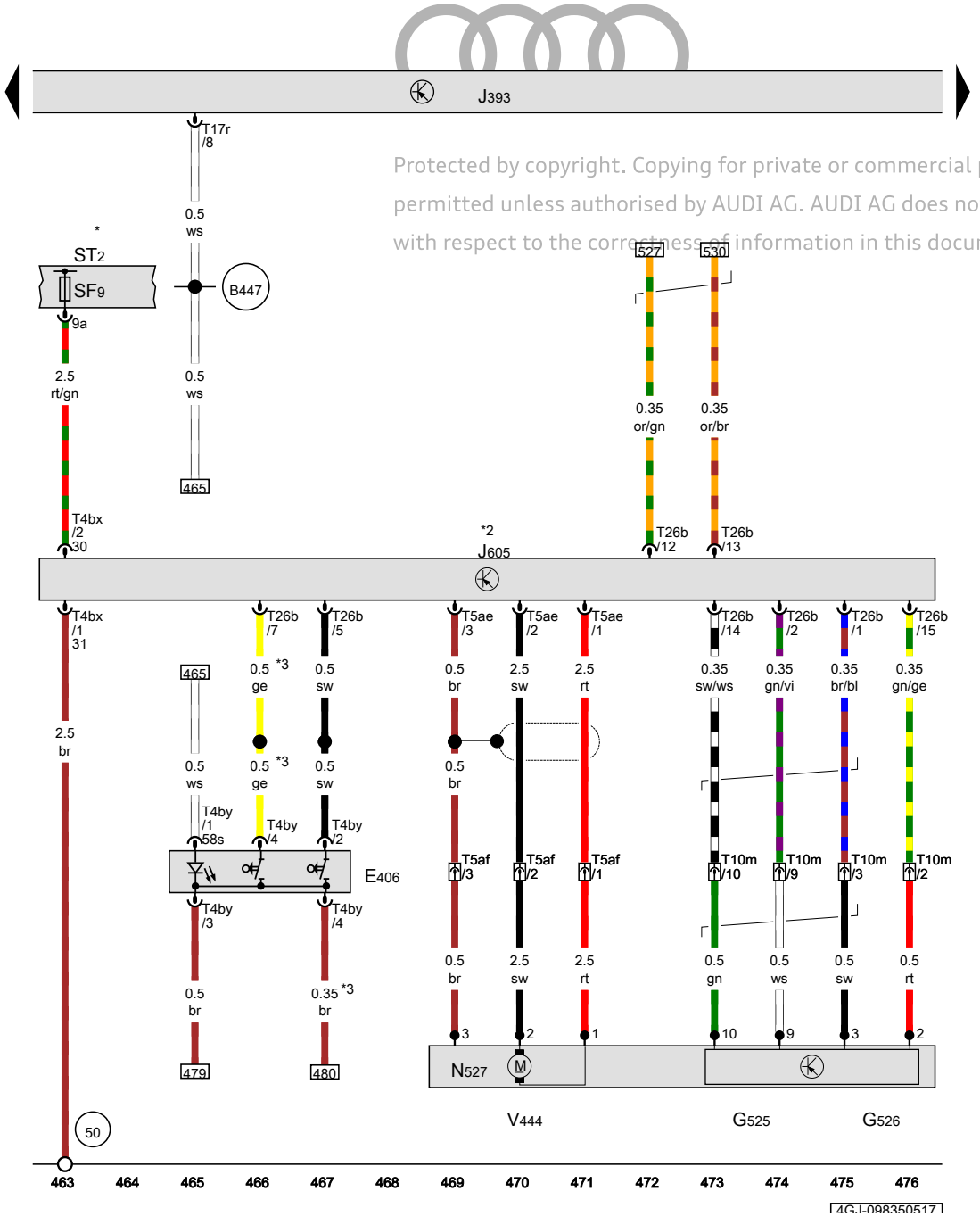
* Anti-theft alarm system with interior monitoring

*2 see applicable current flow diagram for fuse assignment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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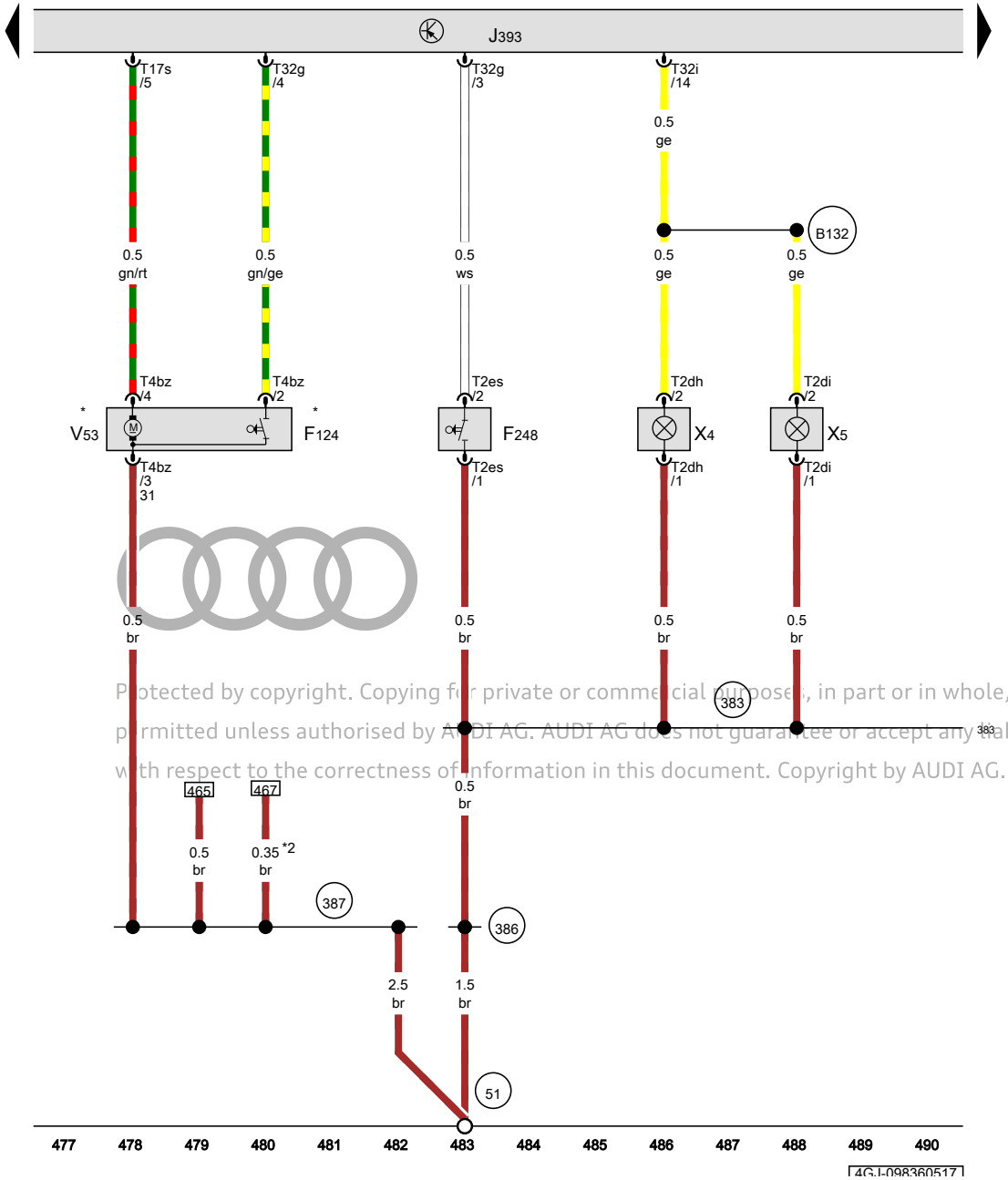
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Button to close rear lid in luggage compartment, Rear lid closed sender 1, Rear lid closed sender 2, Convenience system central control unit, Rear lid control unit, Motor 1 for rear lid

E406	Button to close rear lid in luggage compartment
G525	Rear lid closed sender 1
G526	Rear lid closed sender 2
J393	Convenience system central control unit
J605	Rear lid control unit
N527	Clutch in motor 1 for rear lid
ST2	Fuse carrier 2
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T4by	4-pin connector
T5ae	5-pin connector
T5af	5-pin connector
T10m	10-pin connector
T17r	17-pin connector
T26b	26-pin connector
V444	Motor 1 for rear lid
50	Earth point, on left in luggage compartment
B447	Connection (luggage compartment light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Saloon
*3	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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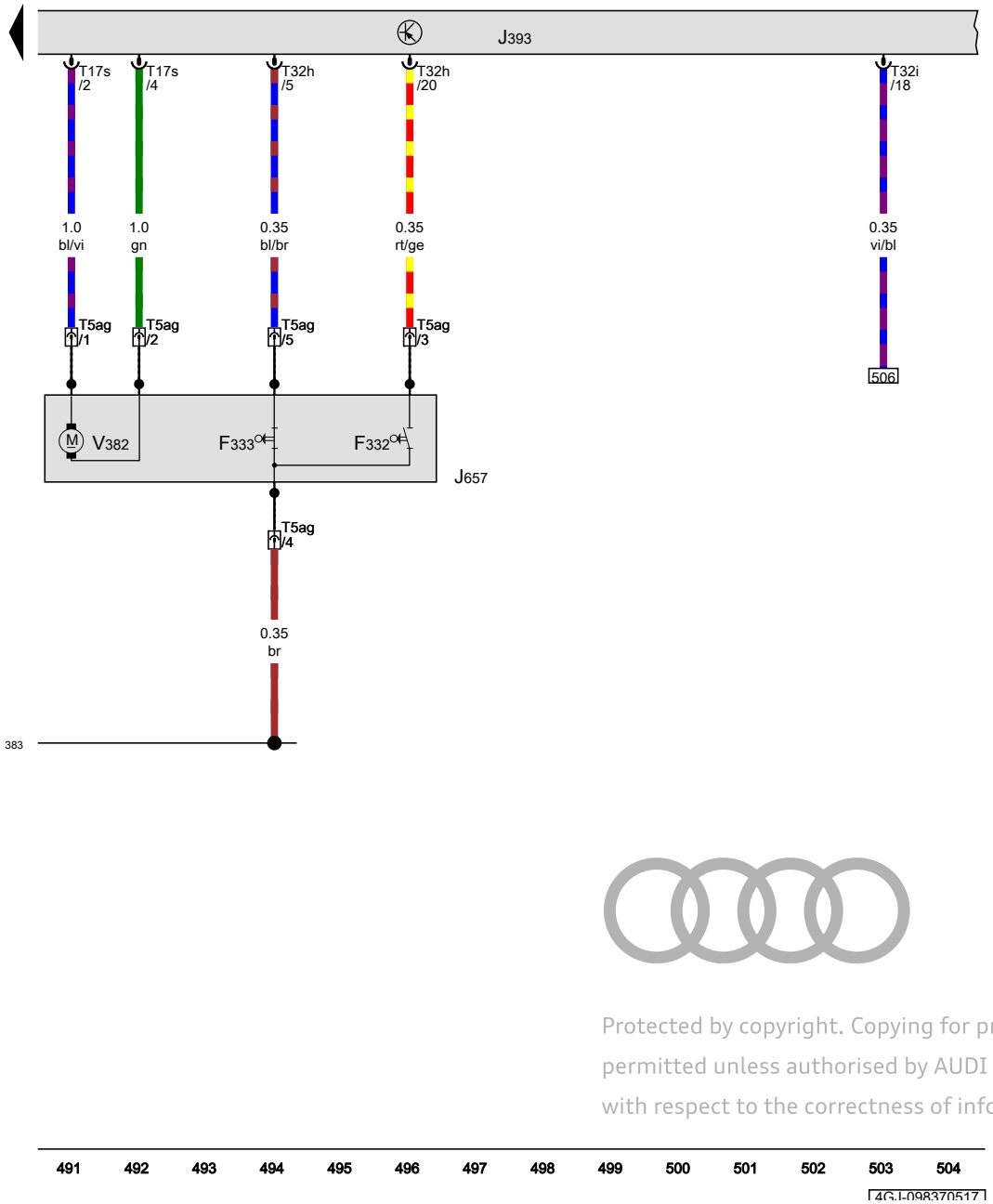


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Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
F248	Release button for rear lid lock cylinder
J393	Convenience system central control unit
T2dh	2-pin connector
T2di	2-pin connector
T2es	2-pin connector
T4bz	4-pin connector
T17s	17-pin connector
T32g	32-pin connector
T32i	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
387	Earth connection 22, in main wiring harness
B132	Connection (number plate lights), in interior wiring harness
*	Saloon
*2	According to equipment



Convenience system central control unit, Power latching control unit

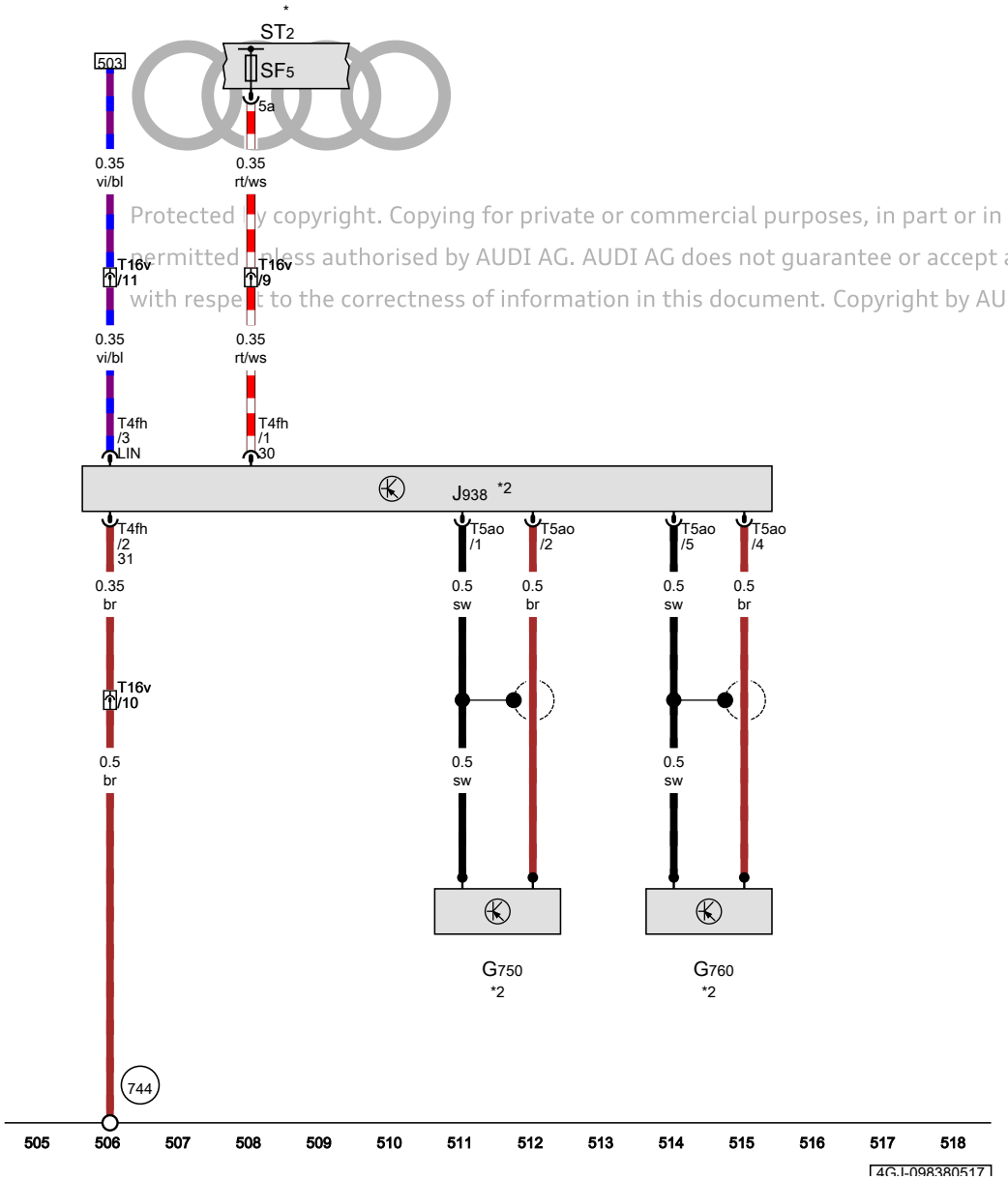
F332	Power latching system limit switch, luggage compartment unlocked
F333	Power latching system limit switch, luggage compartment locked
J393	Convenience system central control unit
J657	Power latching control unit
T5ag	5-pin connector, on right in luggage compartment
T17s	17-pin connector
T32h	32-pin connector
T32i	32-pin connector
V382	Power latching motor for rear lid
383	Earth connection 18, in main wiring harness

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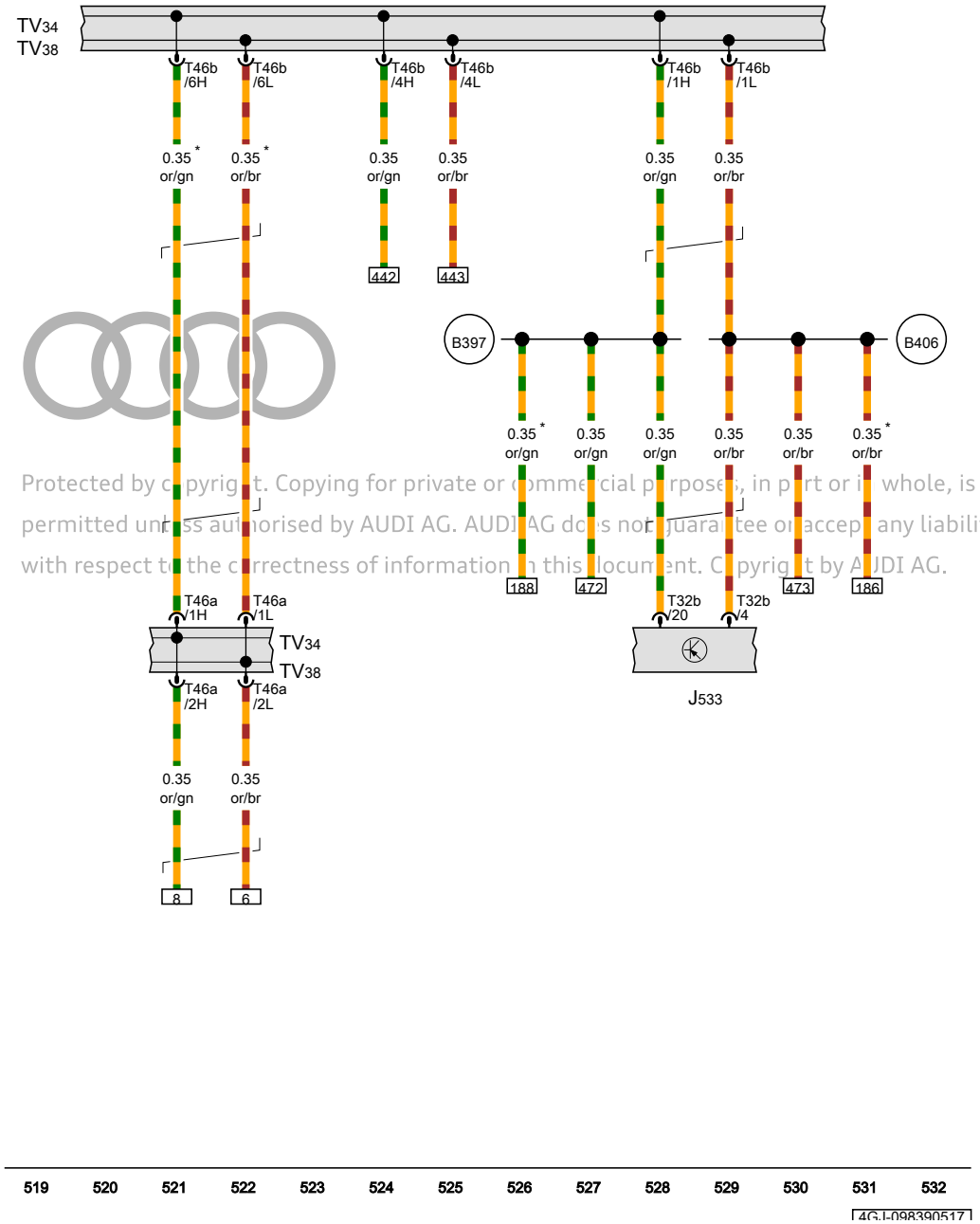
Rear lid power opening sender, Rear lid power opening sender 2, Rear lid power opening control unit

G750	Rear lid power opening sender, in rear bumper
G760	Rear lid power opening sender 2, in rear bumper
J938	Rear lid power opening control unit
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
T4fh	4-pin connector
T5ao	5-pin connector
T16v	16-pin connector, behind right side trim in luggage compartment
744	Earth point in spare wheel well
*	see applicable current flow diagram for fuse assignment
*2	According to equipment



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Data bus diagnostic interface, Wiring junction for convenience CAN bus, high

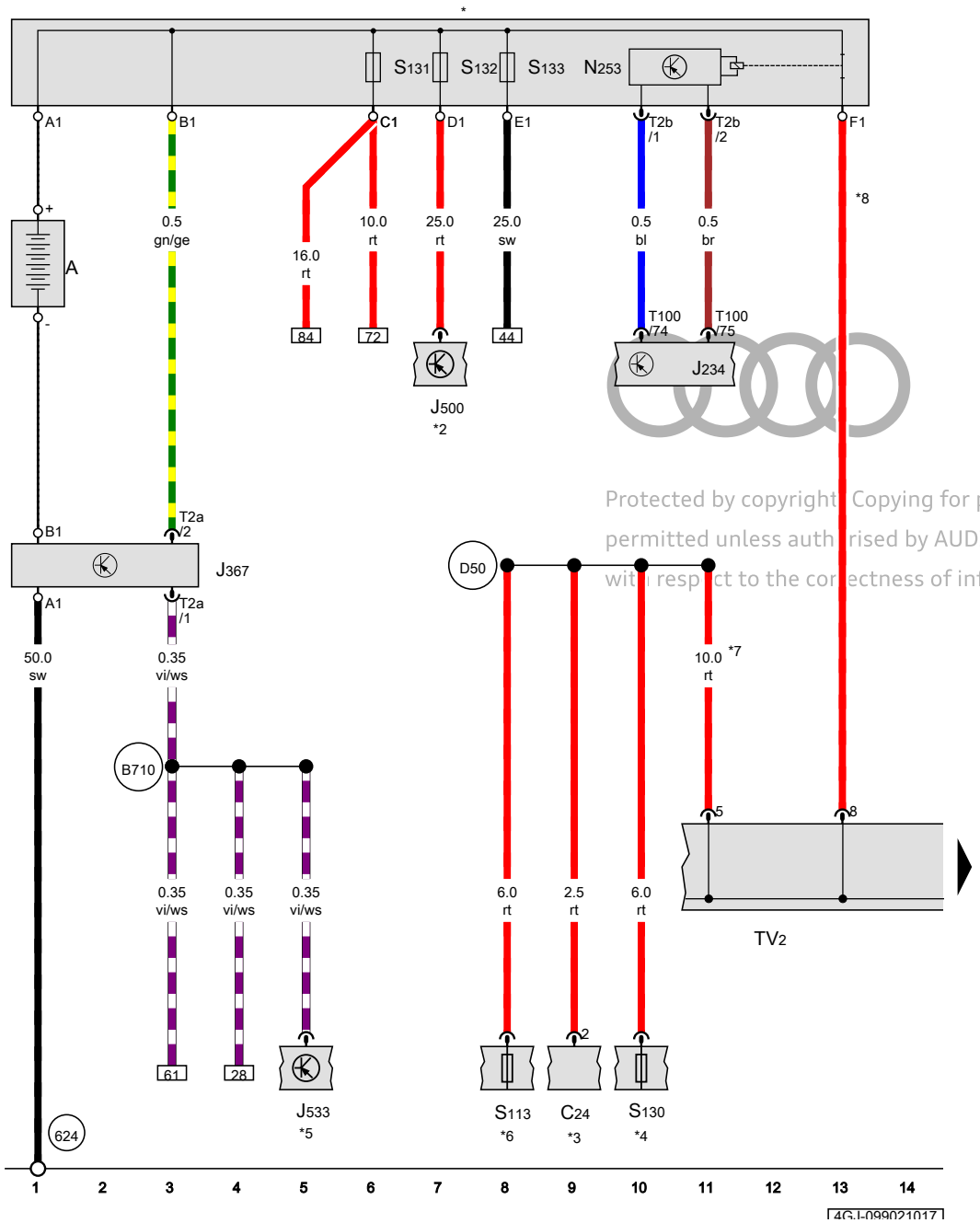
J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Data bus wire (CAN bus)

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Fuse assignment , (L0L)

From September 2014

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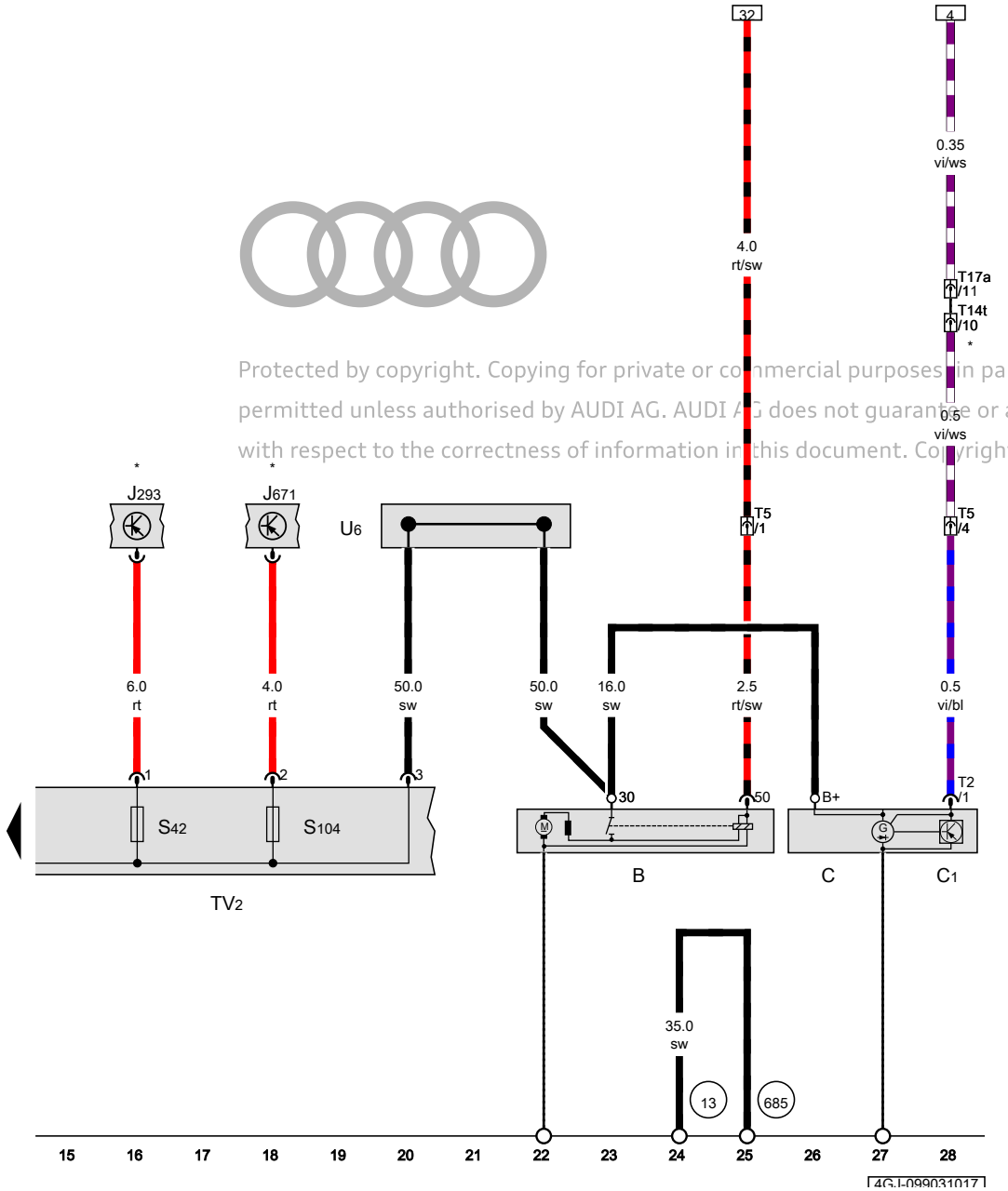
Battery, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S130	Secondary air pump fuse
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with secondary air pump
*5	see applicable current flow diagram for data bus network
*6	see applicable current flow diagram for dual clutch gearbox
*7	Cross section depends on equipment
*8	Flat conductor

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Starter, Alternator, Terminal 30 wiring junction, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J293	Radiator fan control unit
J671	Radiator fan control unit 2
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for engine



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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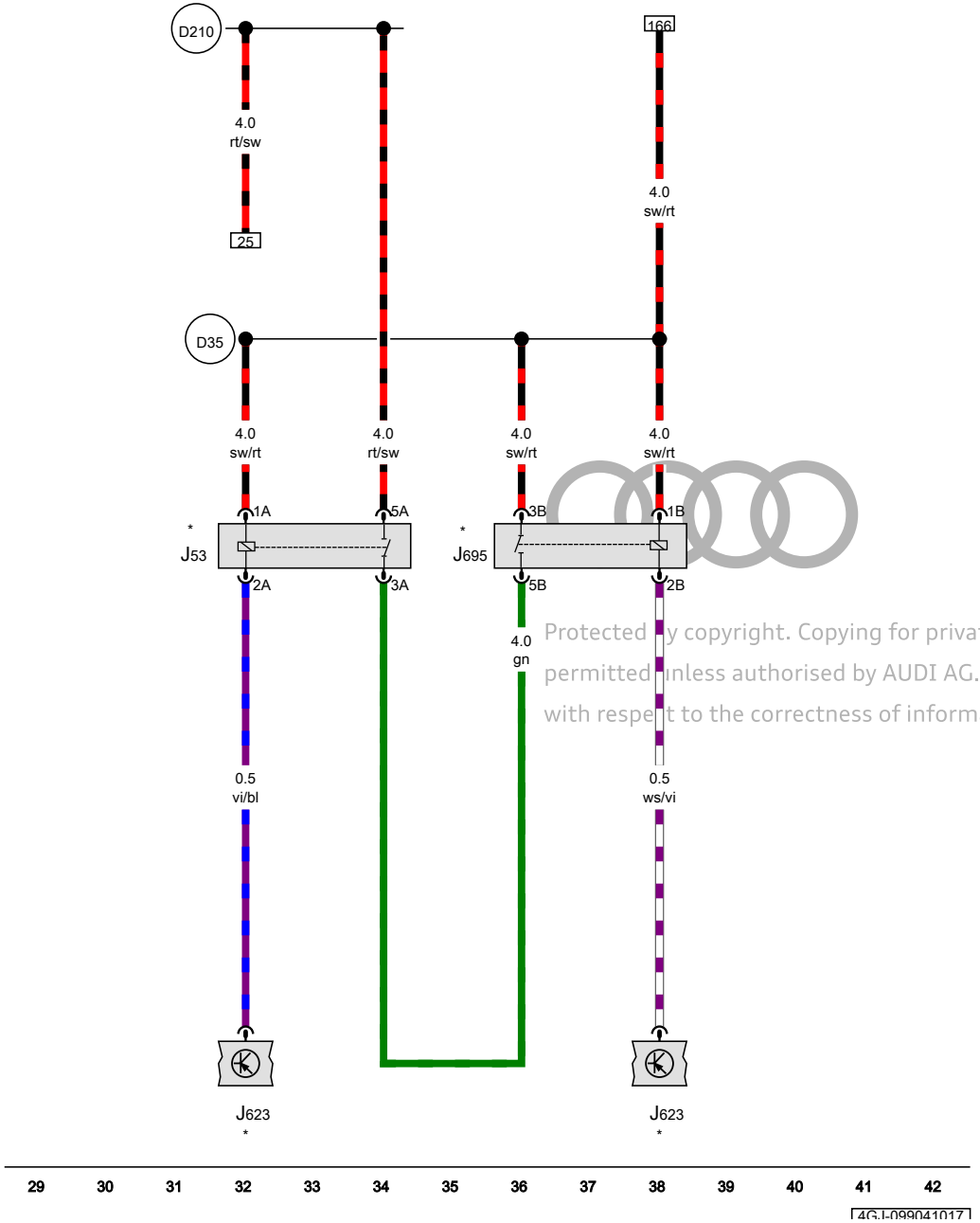
Starter motor relay, Starter motor relay 2

J53 Starter motor relay
J623 Engine/motor control unit
J695 Starter motor relay 2

D35 Positive connection 1 (15a) in engine prewiring harness

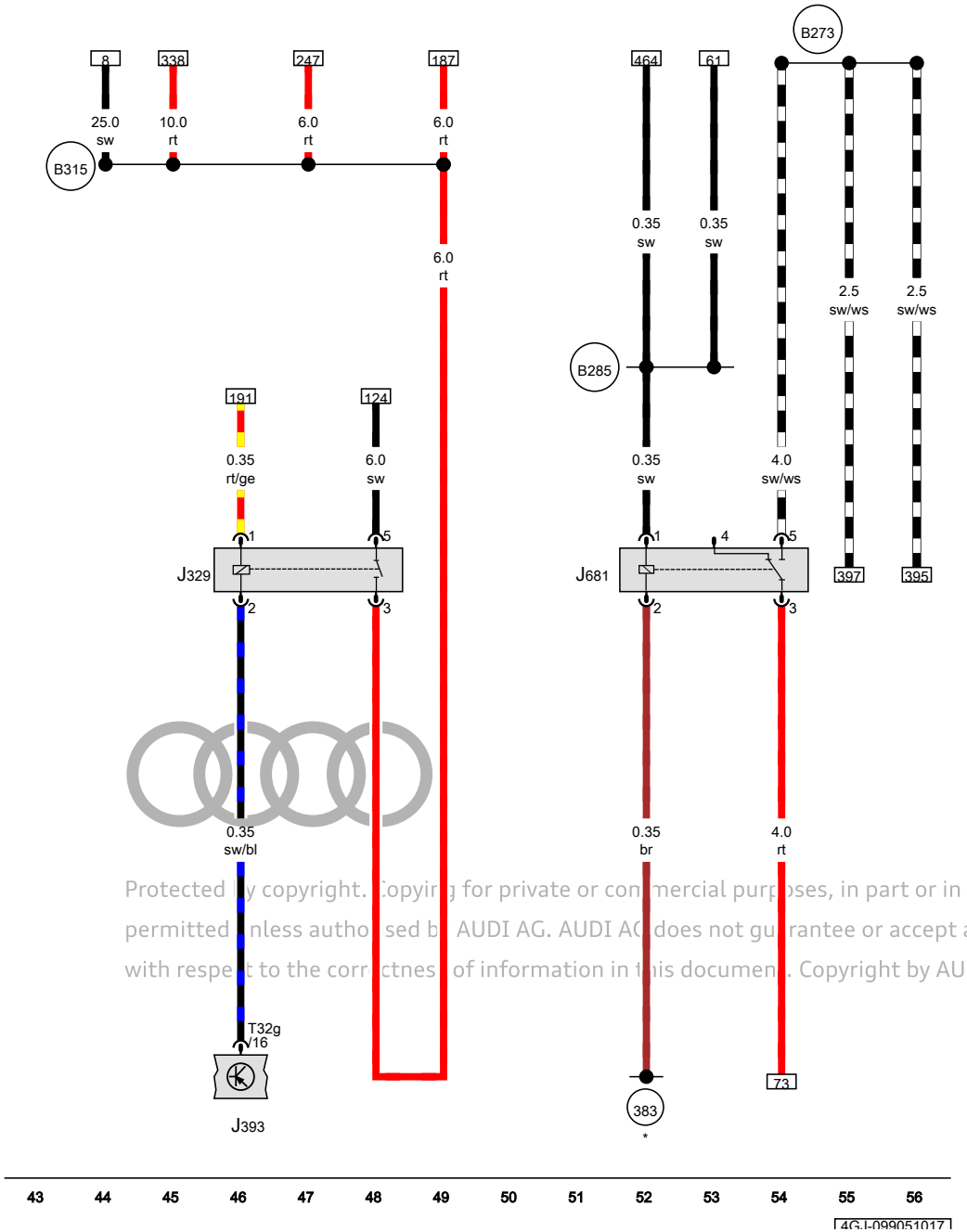
D210 Connection (50), in engine compartment wiring harness

* see applicable current flow diagram for engine



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Terminal 15 voltage supply relay, Terminal 15 voltage supply relay 2

J329 Terminal 15 voltage supply relay
J393 Convenience system central control unit
J681 Terminal 15 voltage supply relay 2
T32g 32-pin connector

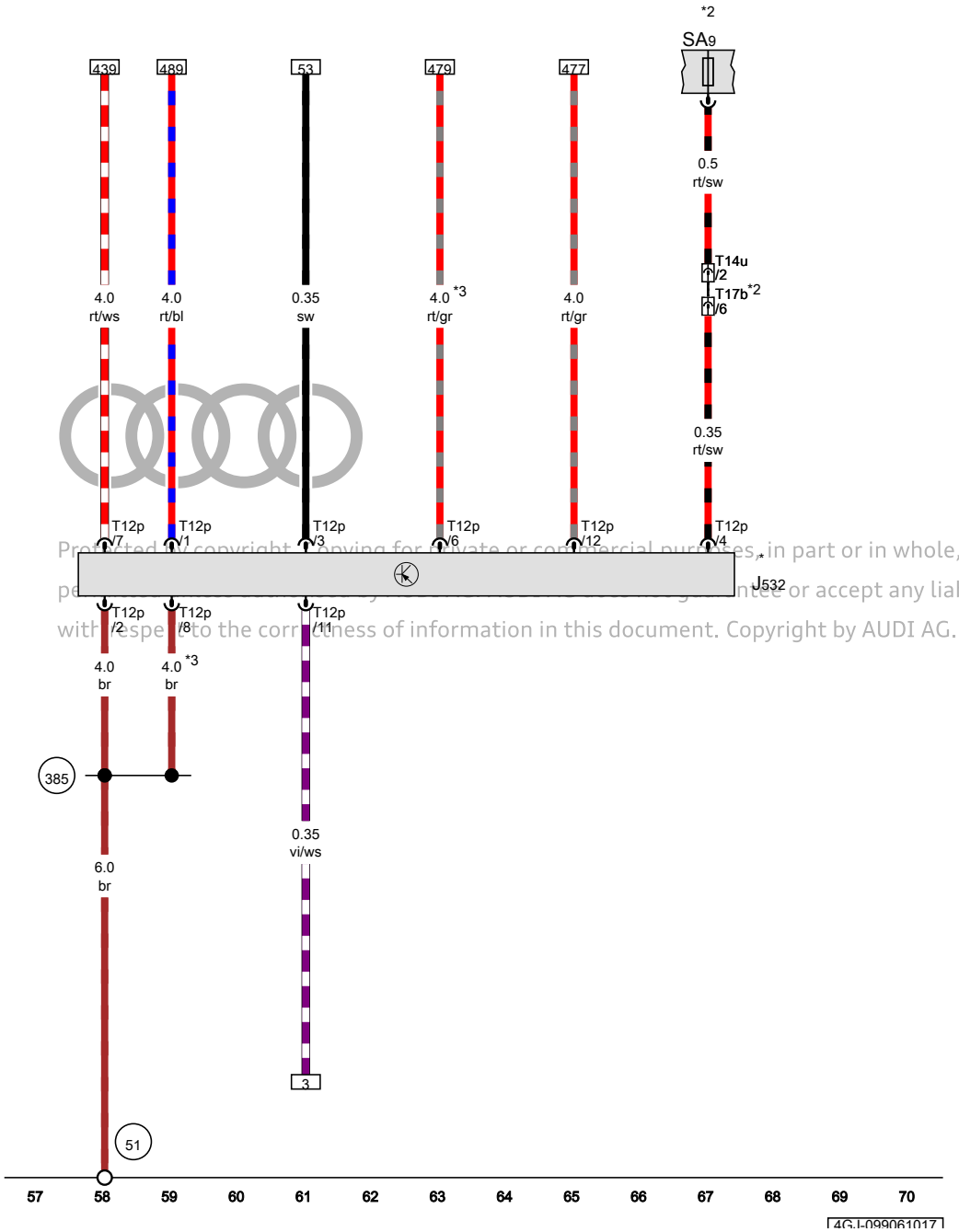
383 Earth connection 18, in main wiring harness

B273 Positive connection (15), in main wiring harness

B285 Positive connection 9 (15a) in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

* see applicable current flow diagram for basic equipment



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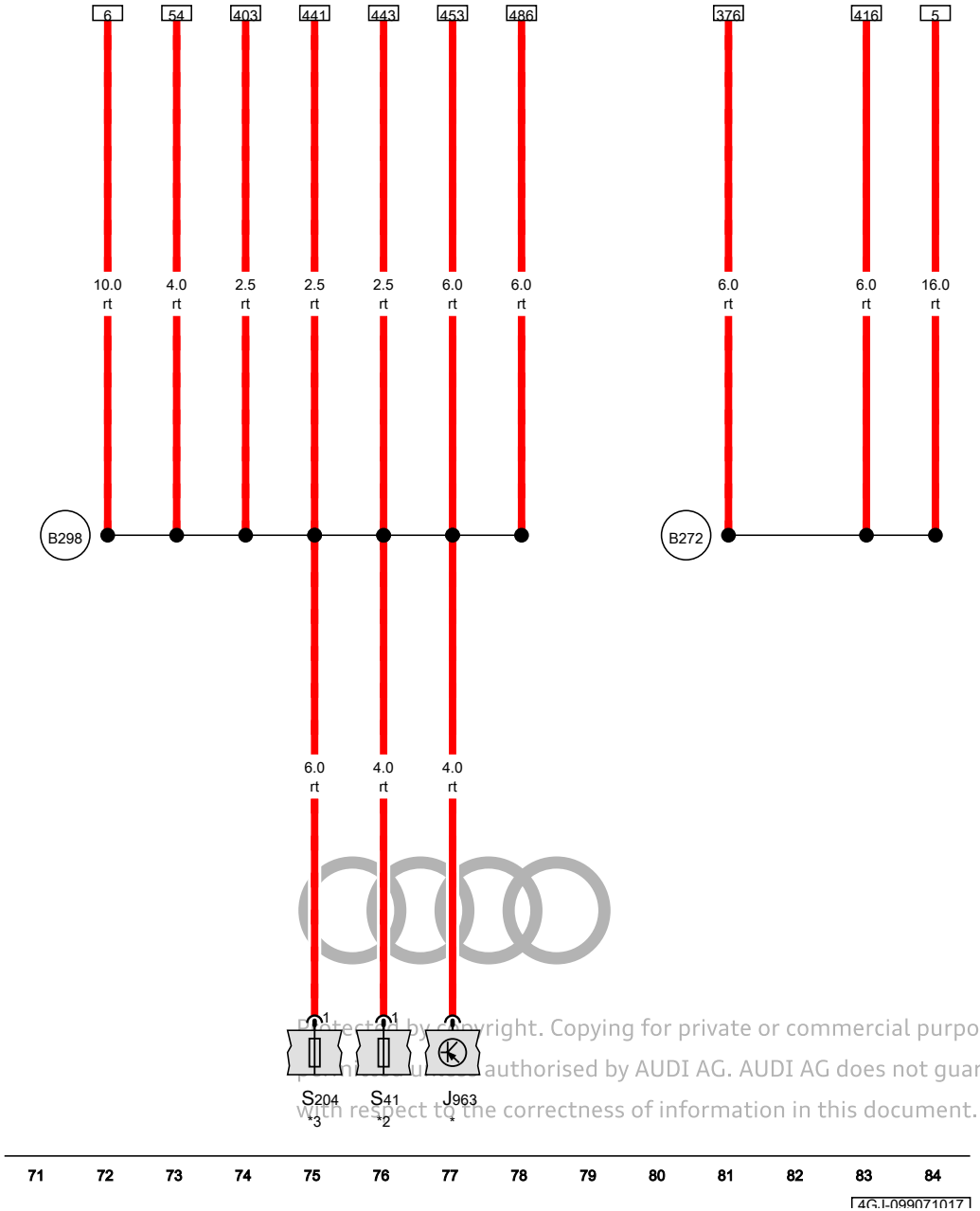
Voltage stabiliser

J532	Voltage stabiliser
SA9	Fuse 9 on fuse holder A
T12p	12-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for engine
*3	For models with 400 W voltage stabiliser

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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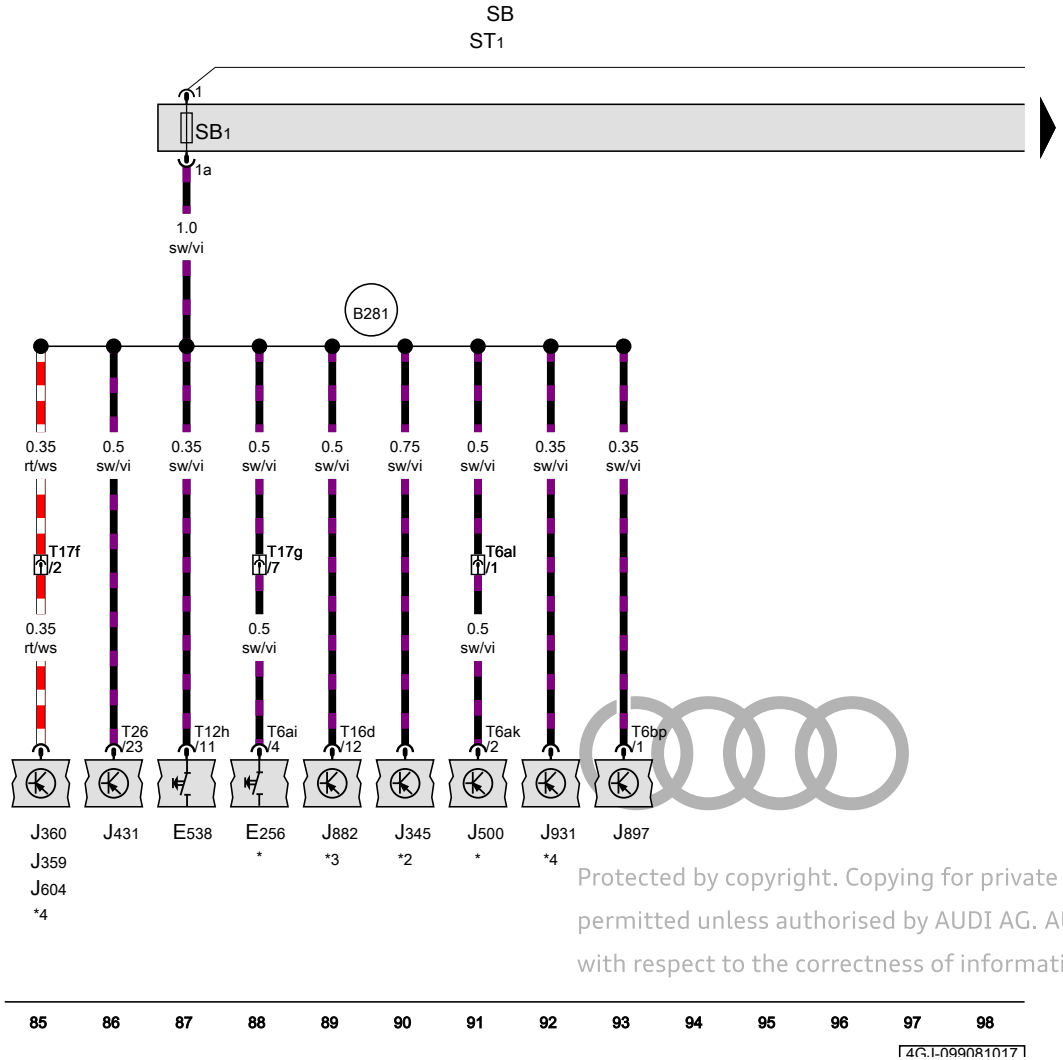
Positive connection (30), in main wiring harness, Positive connection 2 (30), in main wiring harness

J963	Relay for reducing agent metering system
S41	Heated rear window single fuse
S204	Fuse 1 (30)
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for basic equipment
*3	For models with adaptive suspension



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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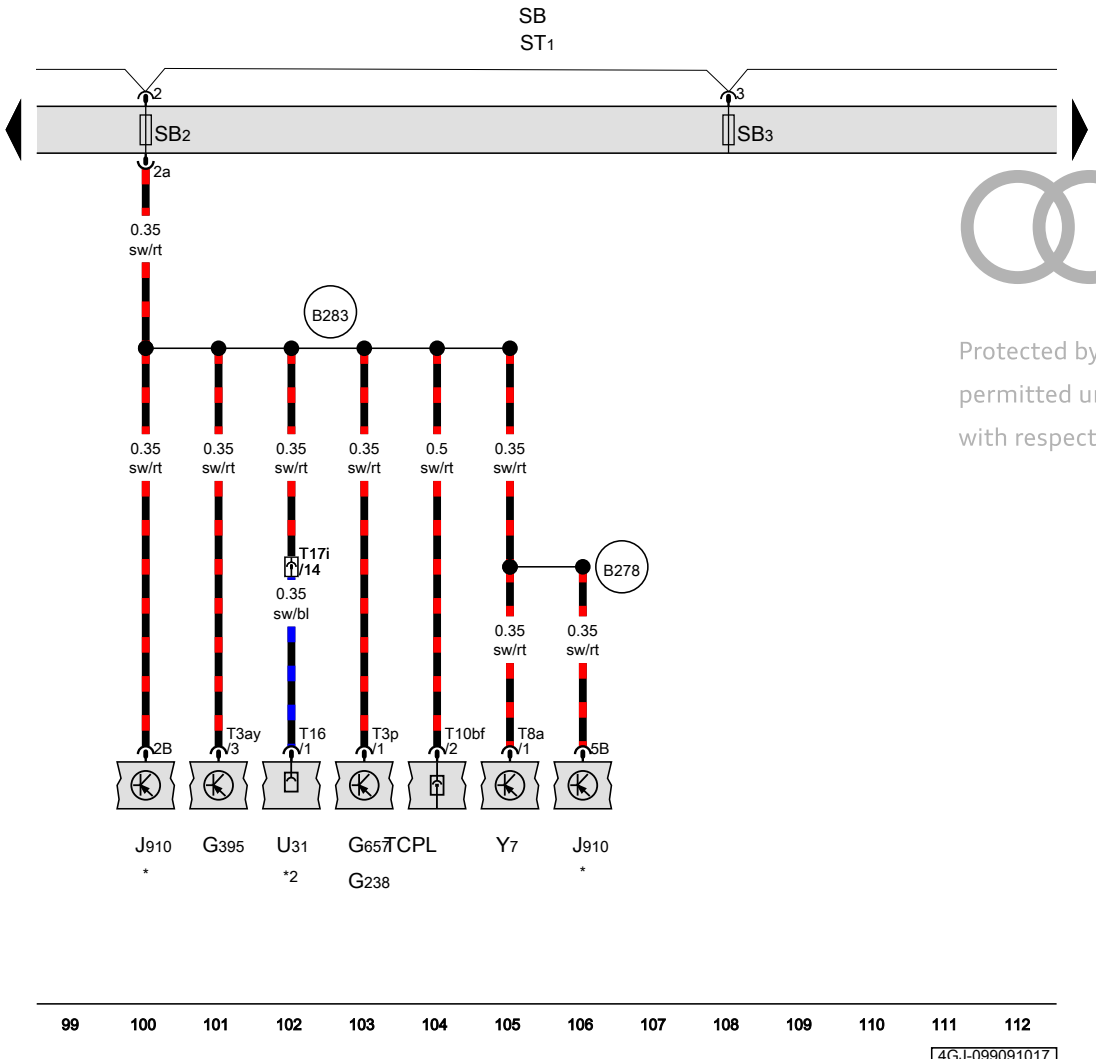


Fuse holder B, Fuse carrier 1

E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
J345	Trailer detector control unit
J359	Low heat output relay
J360	High heat output relay
J431	Headlight range control unit
J500	Power steering control unit
J604	Auxiliary air heater control unit
J882	Seat heating control unit
J897	Control unit for air ionisation system
J931	Power unit mounting control unit
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB1	Fuse 1 on fuse holder B
T6ai	6-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
T6bp	6-pin connector
T12h	12-pin connector
T16d	16-pin connector
T17f	17-pin connector, in left A-pillar coupling station, white
T17g	17-pin connector, in left A-pillar coupling station, blue
T26	26-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with trailer socket
*3	For models with seat heating
*4	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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rs	=	pink

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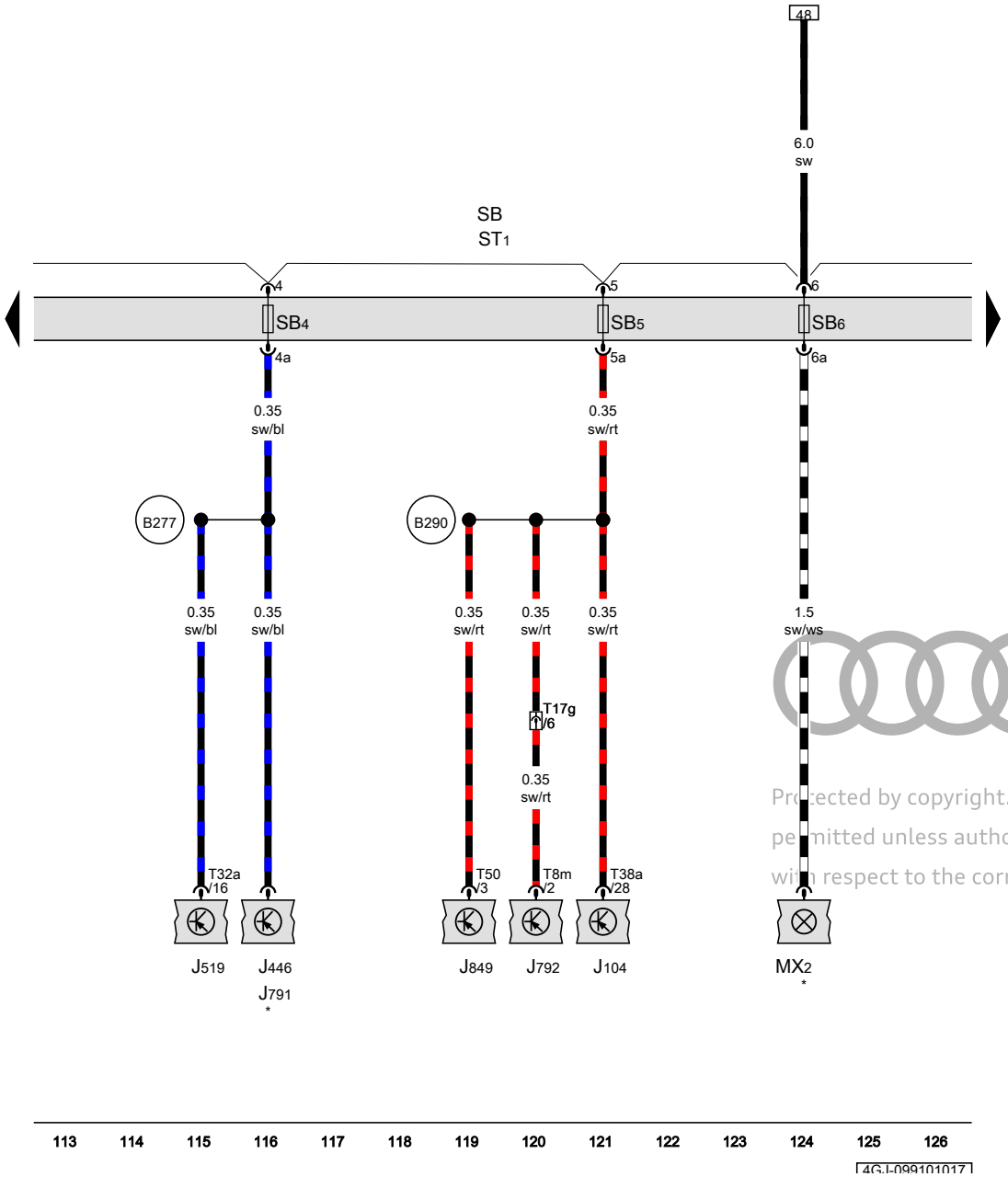


Fuse holder B, Fuse carrier 1

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J910	Relay for automatic anti-dazzle interior mirror
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T8a	8-pin connector
T10bf	10-pin connector
T16	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
TCPL	Coupling point on dash panel, left
U31	Diagnostic connection, in luggage compartment, rear right
Y7	Automatic anti-dazzle interior mirror
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Diagnostic connection

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or	=	orange
rs	=	pink



Fuse holder B, Fuse carrier 1

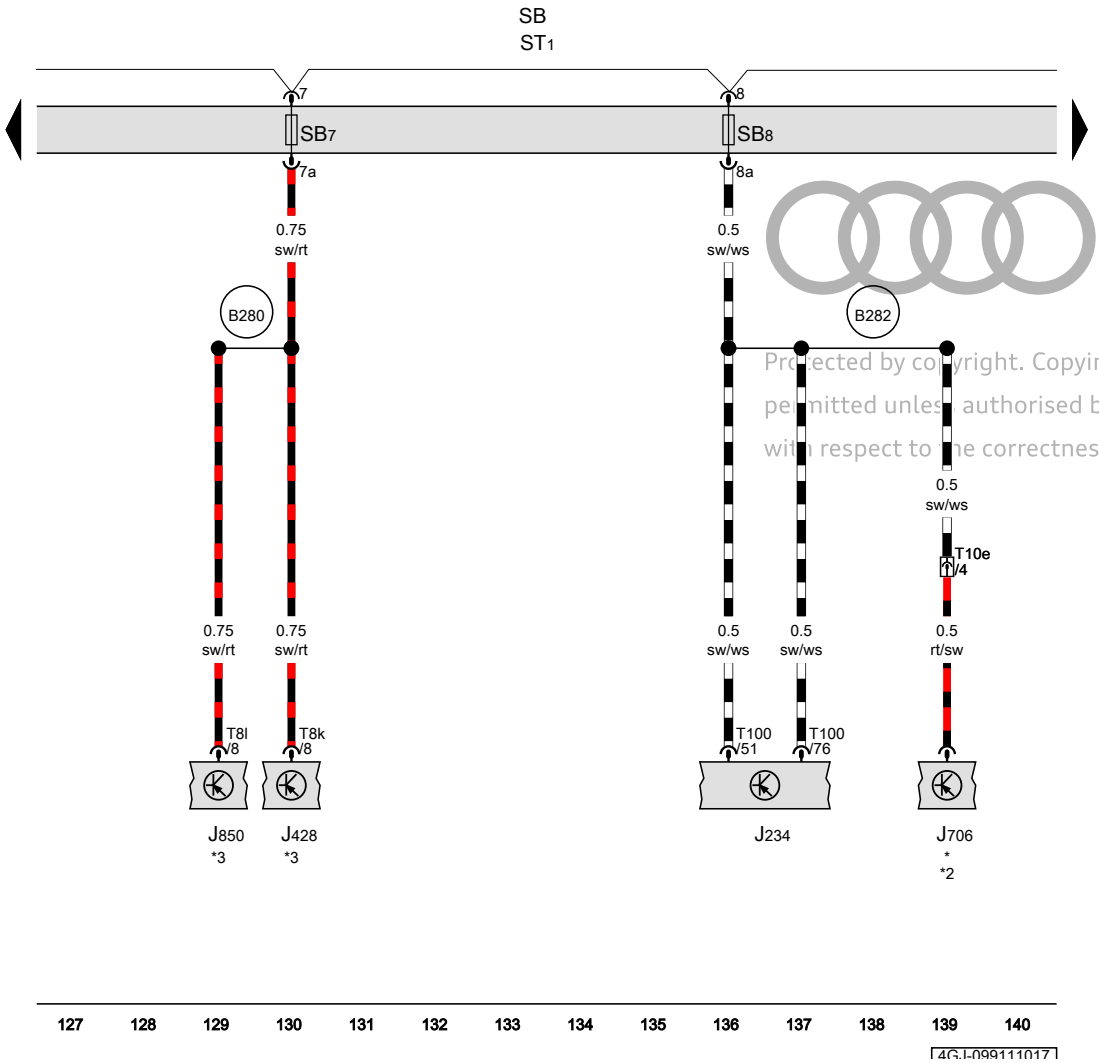
J104	ABS control unit
J446	Parking aid control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
J792	Active steering control unit
J849	Control unit for sensor electronics
MX2	Front right headlight
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T8m	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T32a	32-pin connector
T38a	38-pin connector
T50	50-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B290	Positive connection 14 (15a) in main wiring harness
*	see applicable current flow diagram

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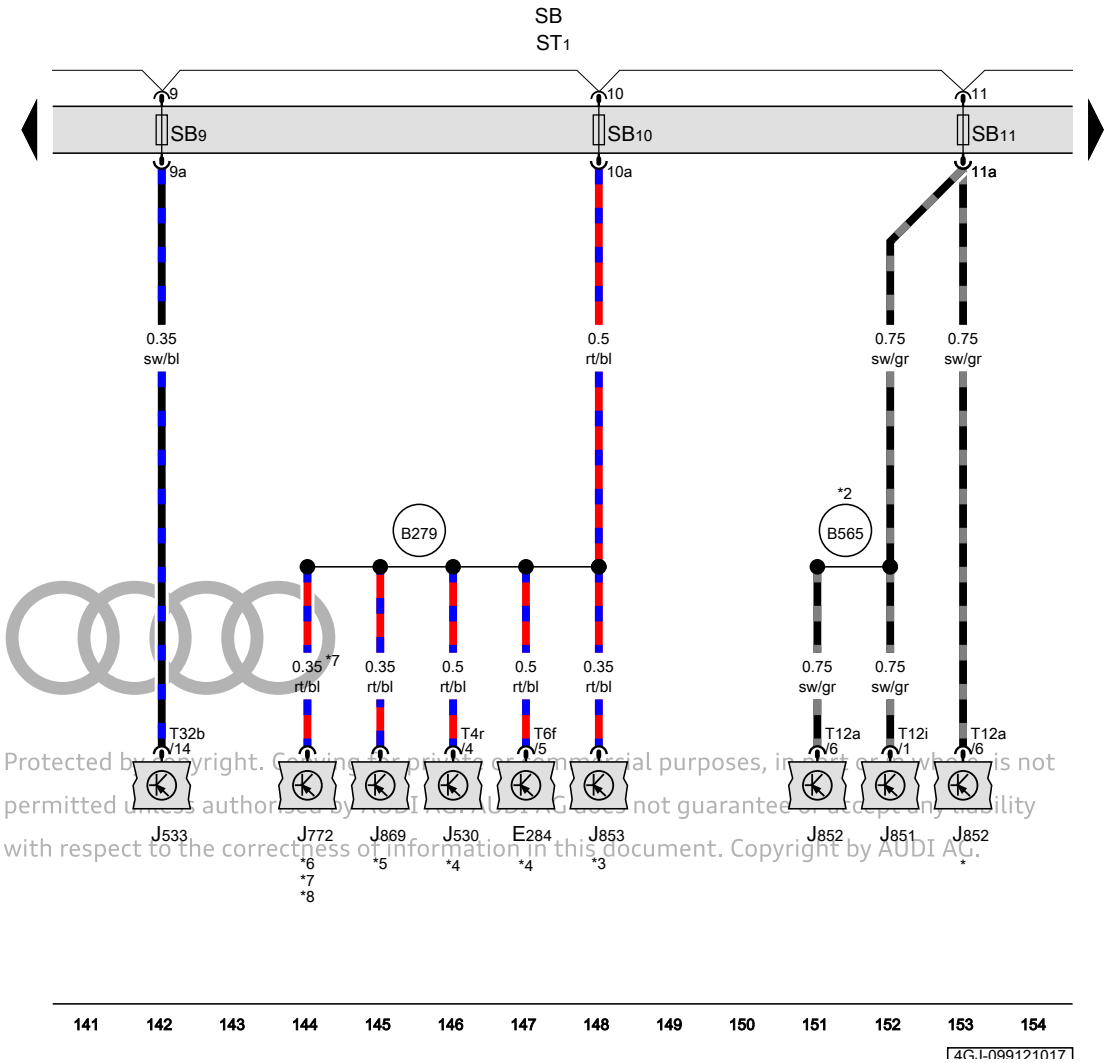
Fuse holder B, Fuse carrier 1

J234	Airbag control unit
J428	Adaptive cruise control unit
J706	Seat occupied recognition control unit
J850	Control unit 2 for adaptive cruise control
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T8k	8-pin connector
T8l	8-pin connector
T10e	10-pin connector, under seat on front right
T100	100-pin connector
B280	Positive connection 4 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	For American markets
*2	see applicable current flow diagram for airbag
*3	For models with adaptive cruise control (ACC)



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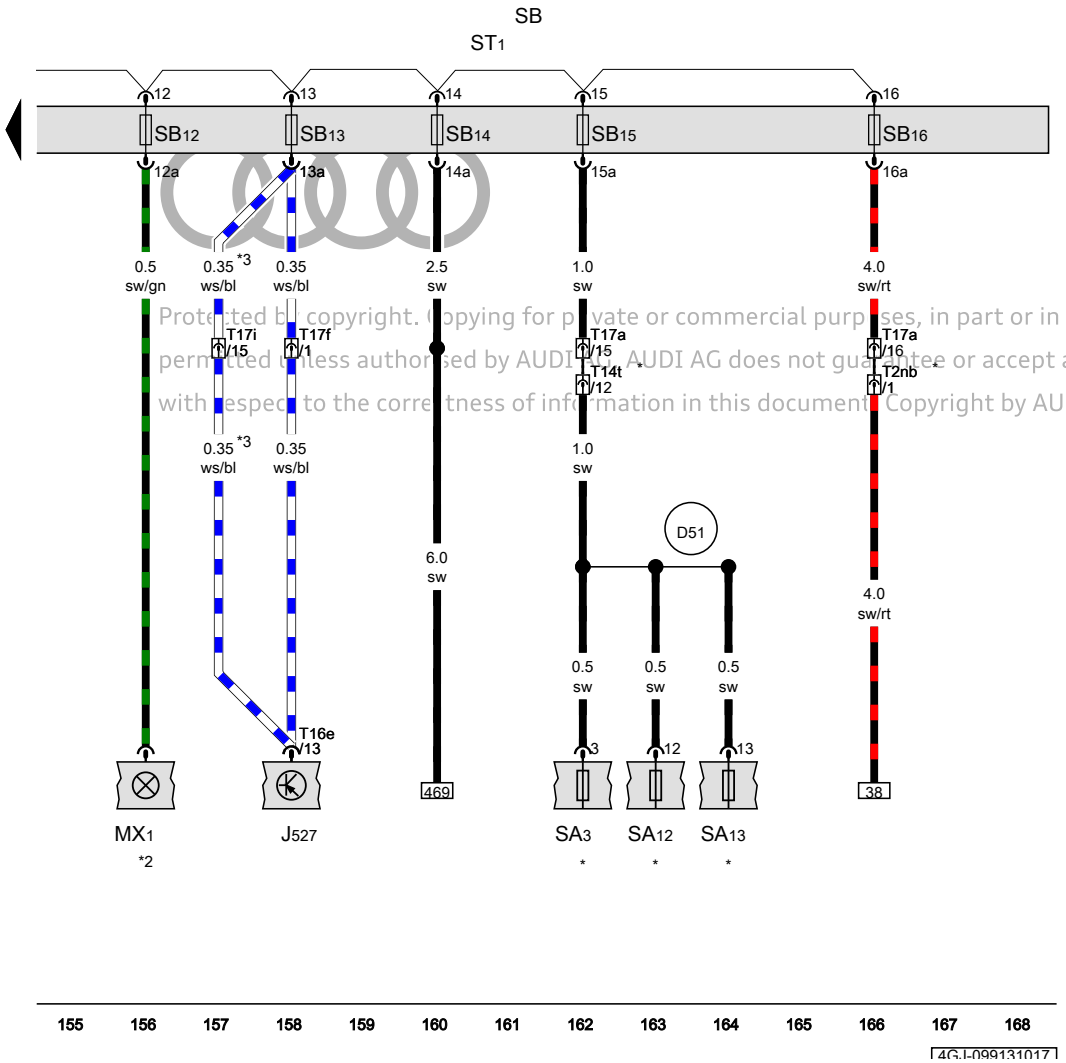


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Fuse holder B, Fuse carrier 1

E284	Garage door operating unit
J530	Garage door operation control unit
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
J851	Image processing control unit
J852	Camera control unit
J853	Control unit for night vision system
J869	Control unit for structure-borne sound
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T4r	4-pin connector
T6f	6-pin connector
T12a	12-pin connector
T12i	12-pin connector
T32b	32-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	Optional equipment
*2	For models with adaptive cruise control (ACC)
*3	see applicable current flow diagram for night vision system
*4	For models with garage door opener
*5	see applicable current flow diagram for engine
*6	For models with reversing camera system
*7	From April 2015
*8	see applicable current flow diagram for reversing camera (Rear Assist)



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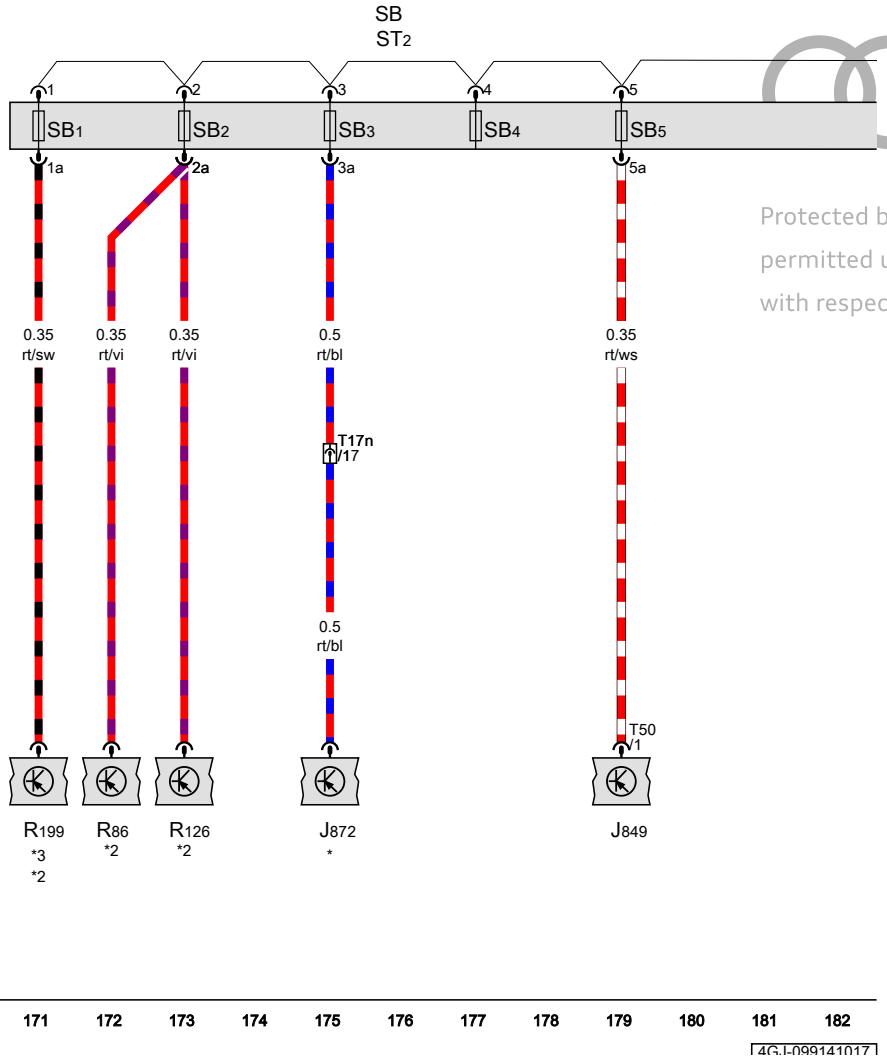
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Fuse holder B, Fuse carrier 1

J527	Steering column electronics control unit
MX1	Front left headlight
SA3	Fuse 3 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17f	17-pin connector, in left A-pillar coupling station, white
T17i	17-pin connector, in left A-pillar coupling station, black
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram
*3	From May 2016

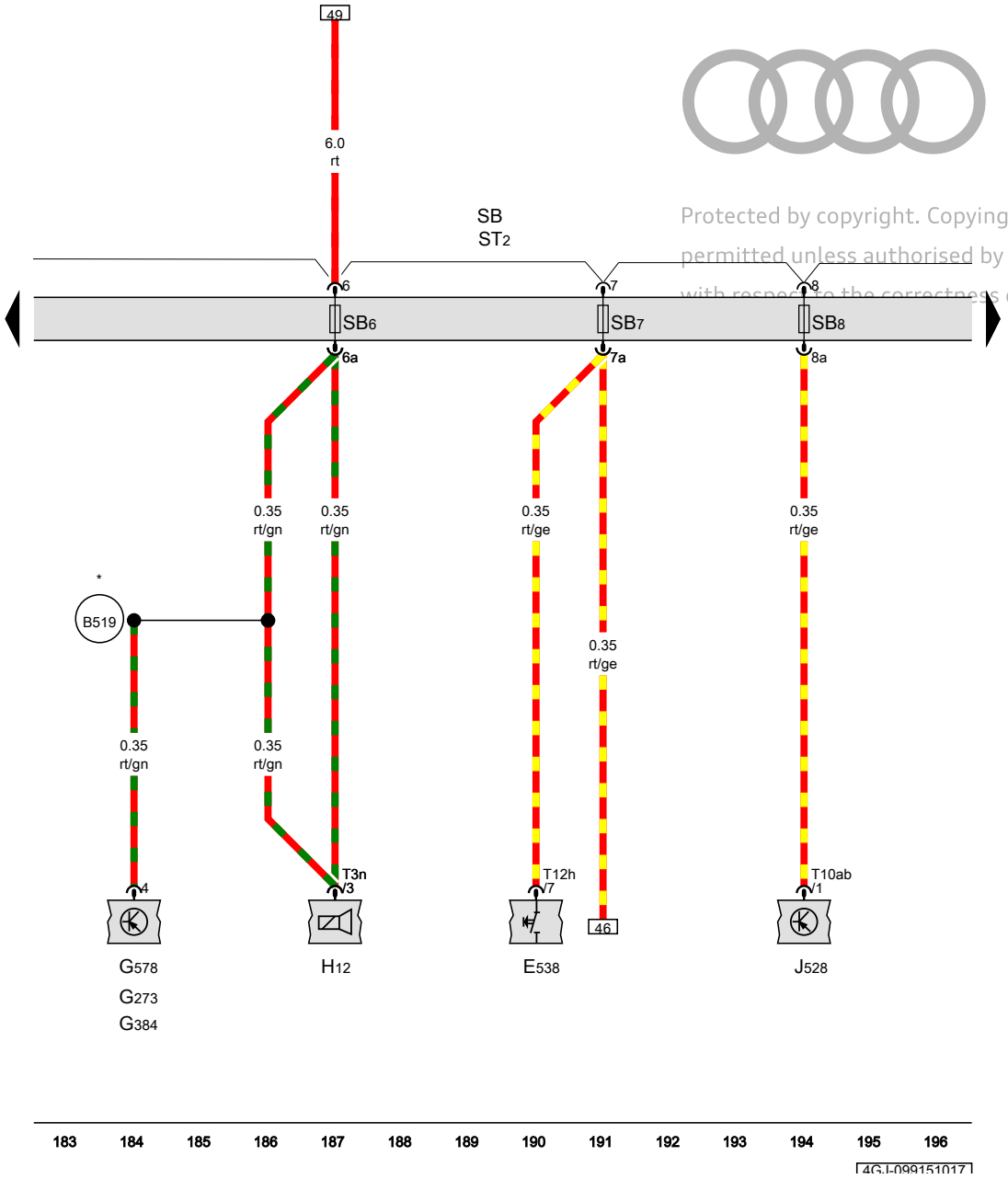
Fuse holder B, Fuse carrier 2

J849	Control unit for sensor electronics
J872	Control unit for front passenger multicontour seat
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R199	Connection for external audio sources
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST2	Fuse carrier 2, brown
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T17n	17-pin connector, in coupling point for front seat, right, red
T50	50-pin connector
*	see applicable current flow diagram for seat adjustment
*2	see applicable current flow diagram
*3	For models with connection for external audio sources - AUX-IN socket



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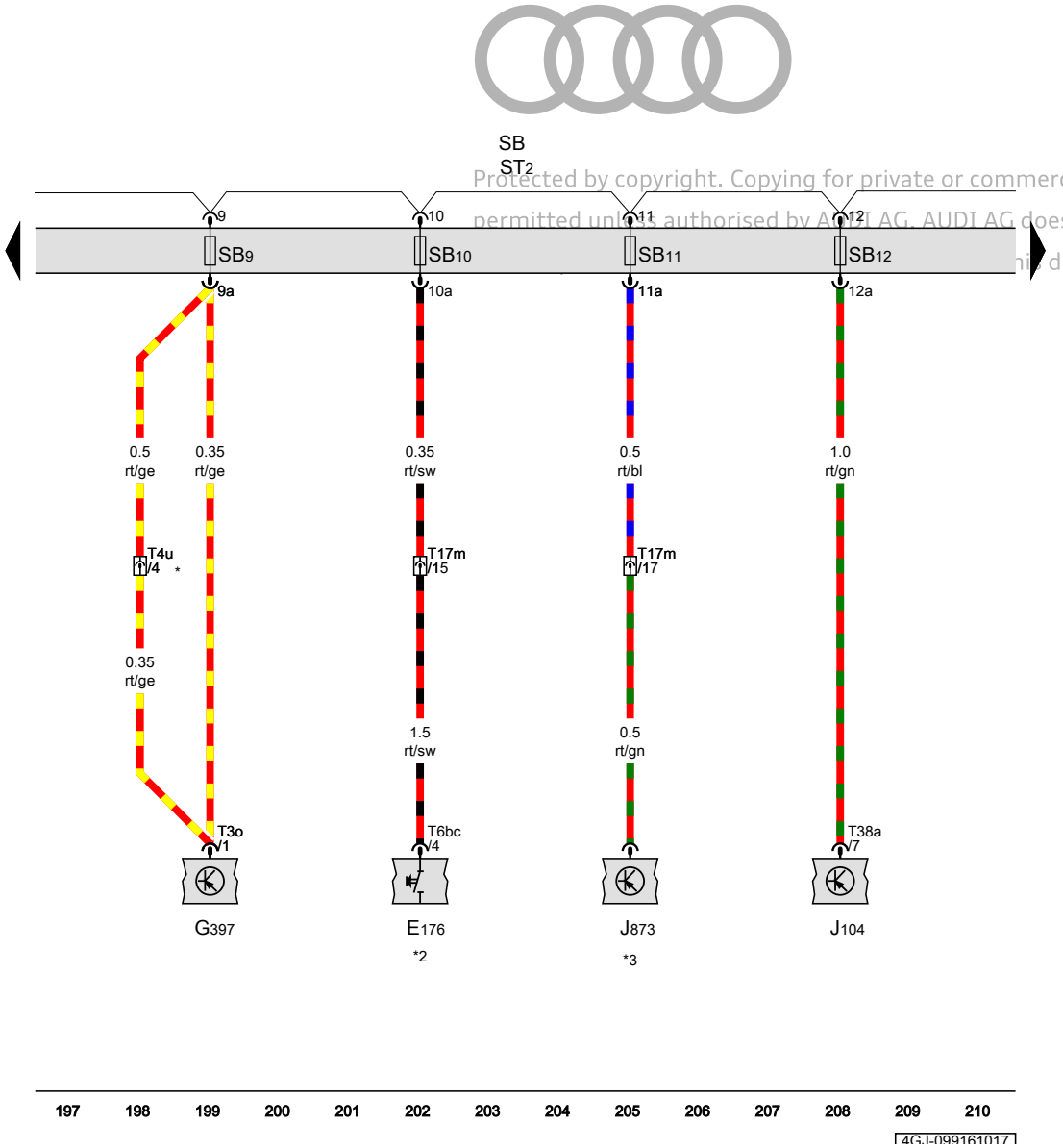


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Fuse holder B, Fuse carrier 2

E538	Electromechanical parking brake button
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J528	Roof electronics control unit
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T3n	3-pin connector
T10ab	10-pin connector
T12h	12-pin connector
B519	Connection (30a, CL/ATA/IR), in main wiring harness
*	For models with interior monitoring

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rt	=	red
br	=	brown
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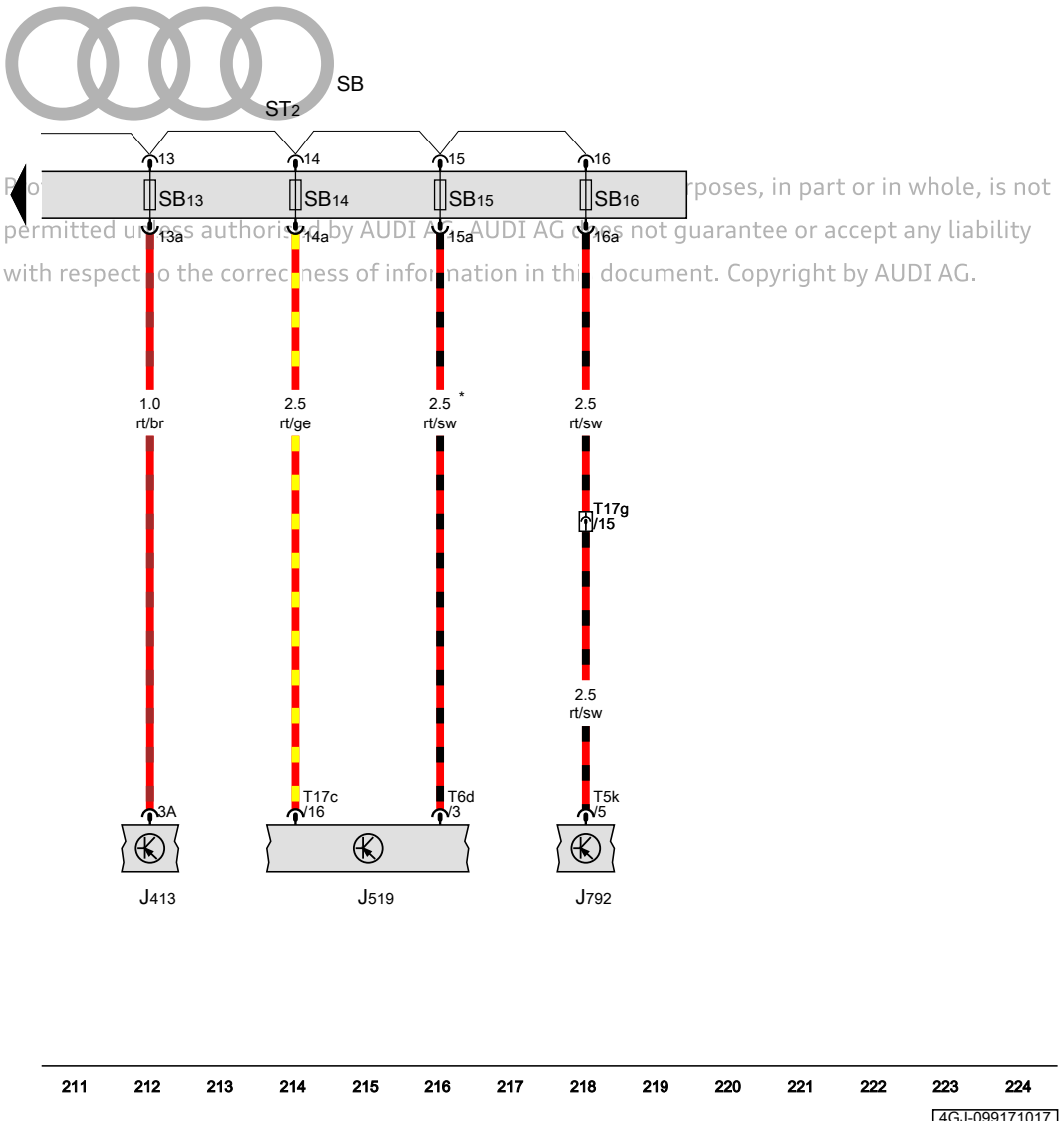


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Fuse holder B, Fuse carrier 2

E176	Driver seat lumbar support adjustment switch
G397	Rain and light sensor
J104	ABS control unit
J873	Control unit for driver multicontour seat
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T3o	3-pin connector
T4u	4-pin connector
T6bc	6-pin connector
T17m	17-pin connector, in coupling point for front seat, left, red
T38a	38-pin connector
*	According to equipment
*2	For models with no adjustable seats
*3	see applicable current flow diagram for seat adjustment

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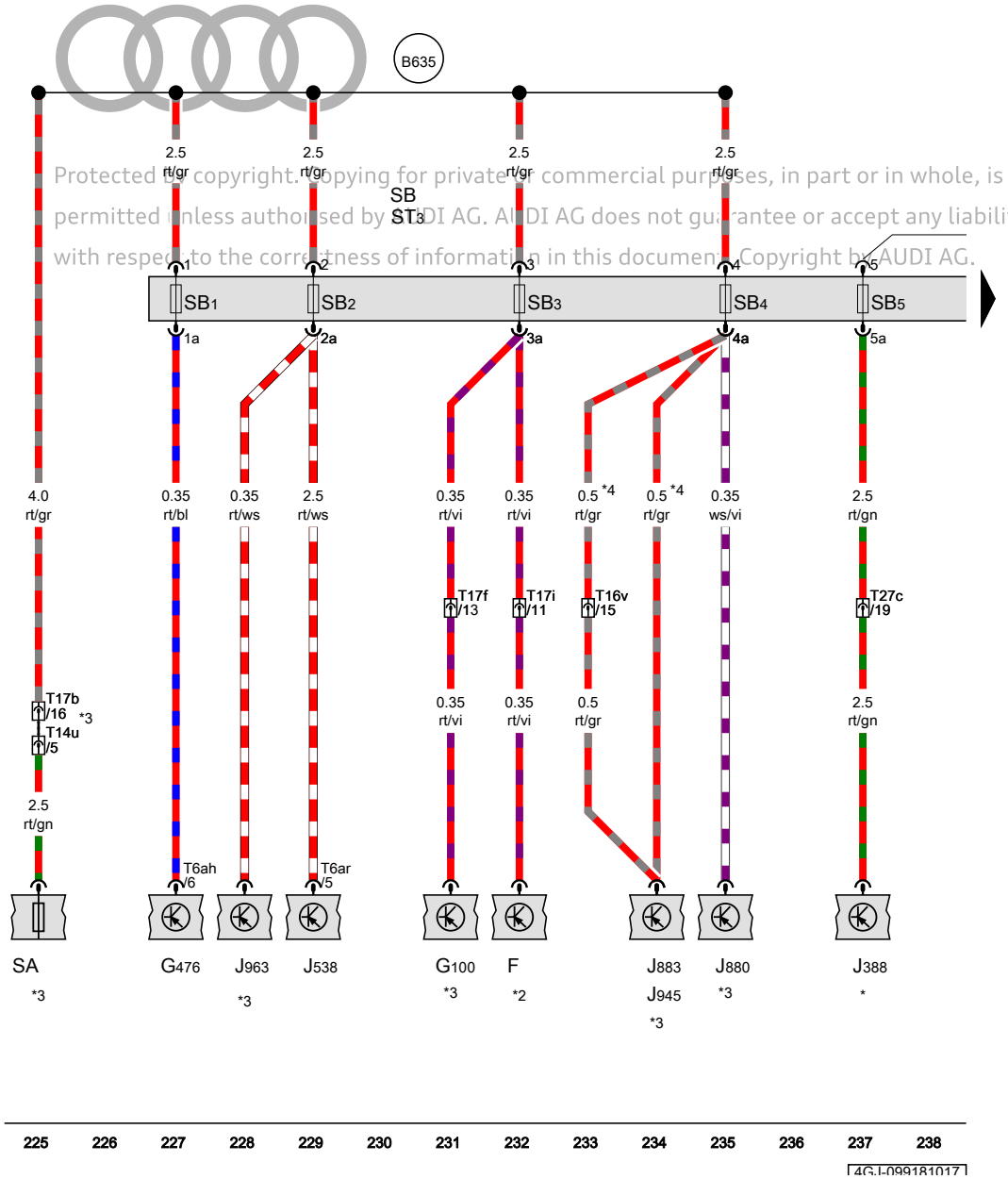


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Fuse holder B, Fuse carrier 2

J413	Horn relay
J519	Onboard supply control unit
J792	Active steering control unit
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T5k	5-pin connector
T6d	6-pin connector
T17c	17-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
*	For models with seat heating

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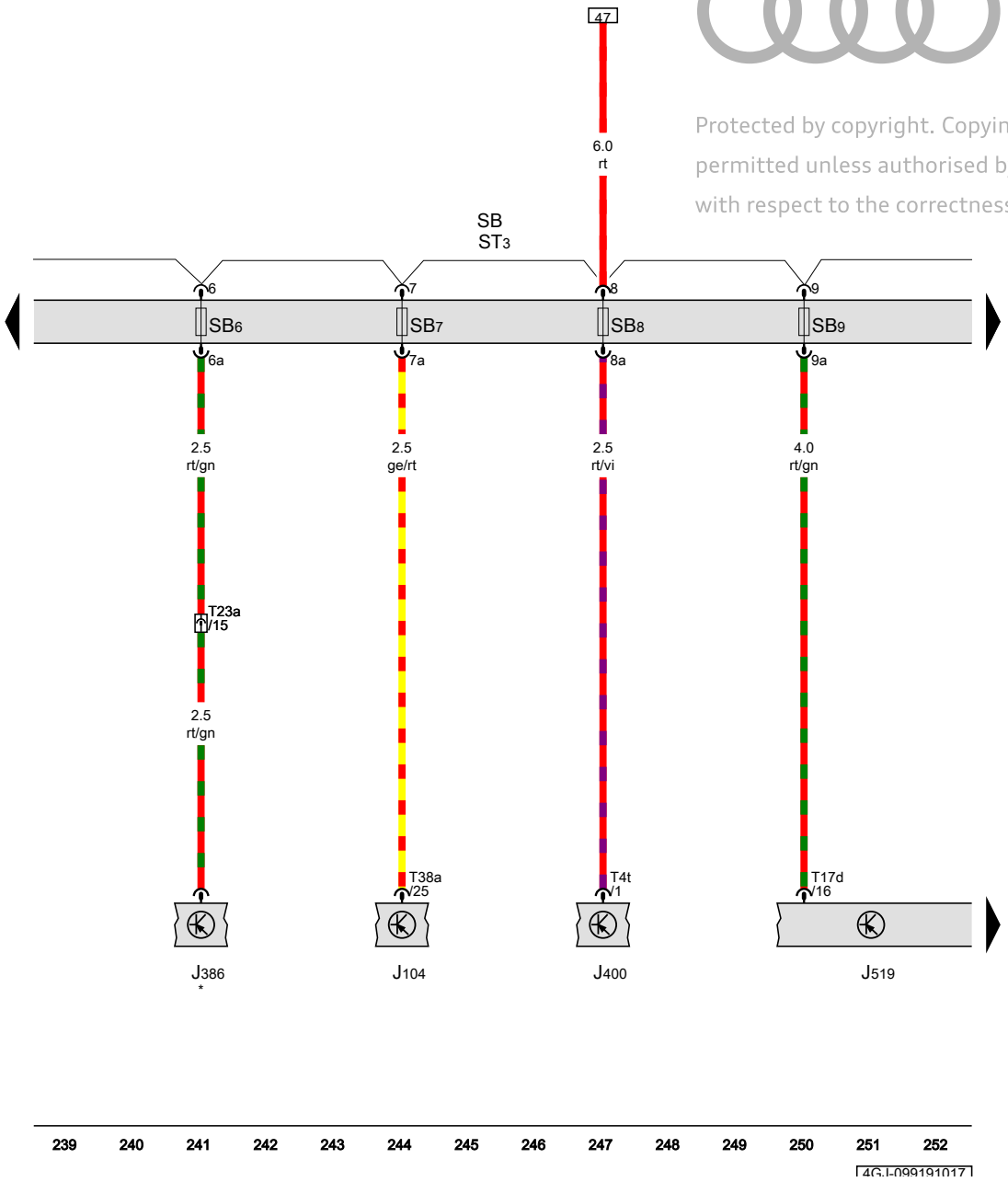


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Fuse holder B, Fuse carrier 3

F	Brake light switch
G100	Brake pedal position sender
G476	Clutch position sender
J388	Rear left door control unit
J538	Fuel pump control unit
J880	Control unit for reducing agent metering system
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
J963	Relay for reducing agent metering system
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3, red
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T6ah	6-pin connector
T6ar	6-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16v	16-pin connector, in luggage compartment, rear right, brown
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in left A-pillar coupling station, white
T17i	17-pin connector, in left A-pillar coupling station, black
T27c	27-pin connector, on left B-pillar
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	According to equipment



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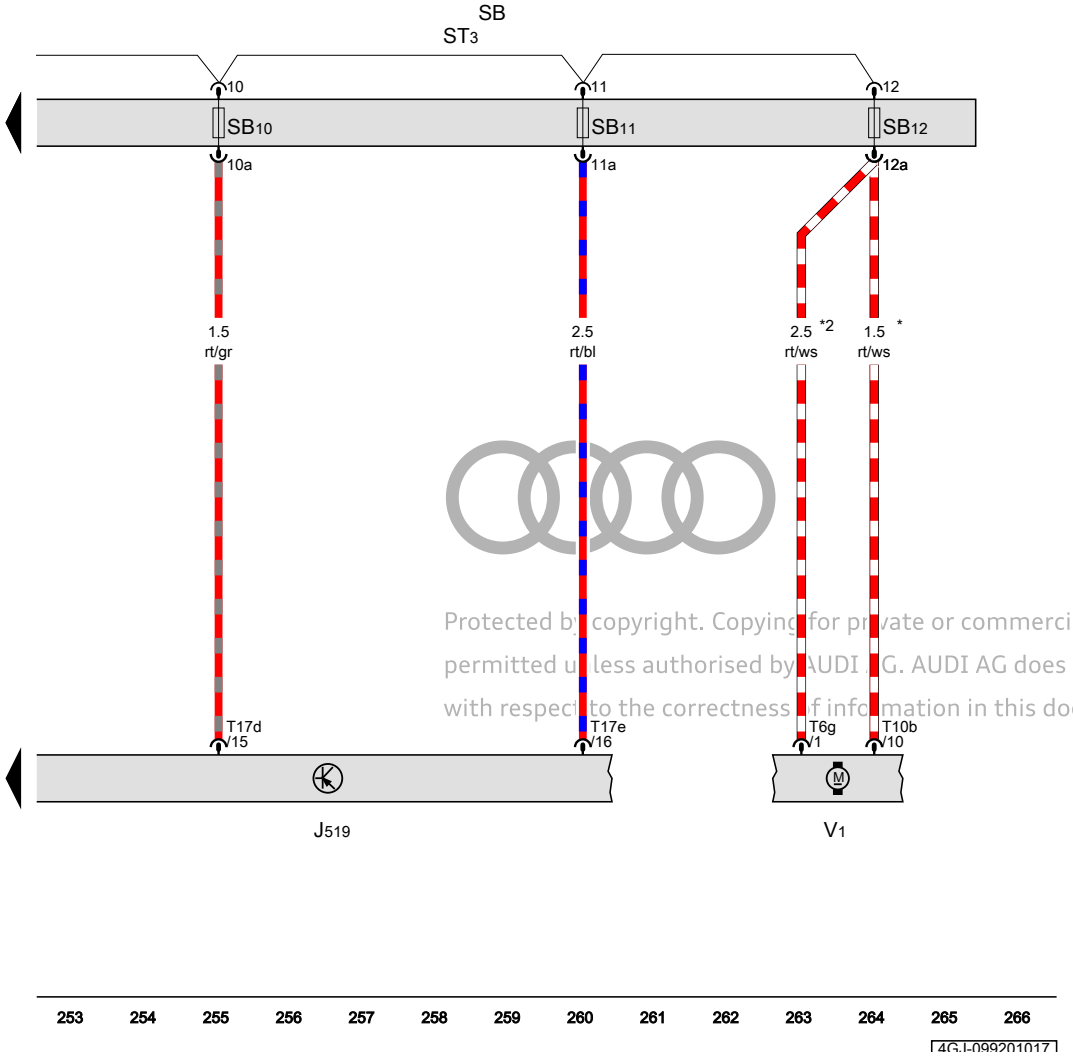
Fuse holder B, Fuse carrier 3

J104	ABS control unit
J386	Driver door control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T4t	4-pin connector
T17d	17-pin connector
T23a	23-pin connector, on left A-pillar, black
T38a	38-pin connector
*	see applicable current flow diagram for convenience system

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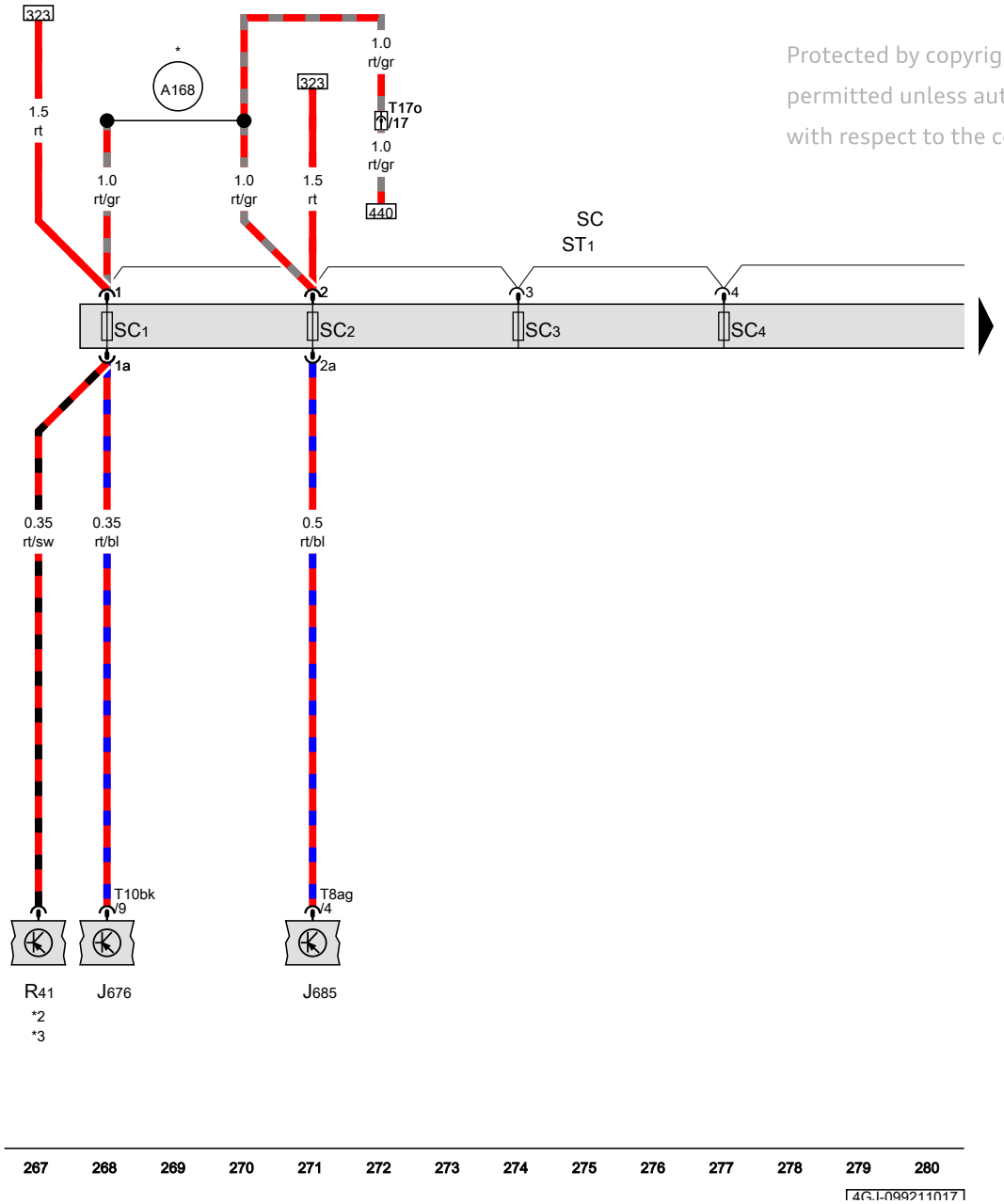
Fuse holder B, Fuse carrier 3

J519	Onboard supply control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6g	6-pin connector
T10b	10-pin connector
T17d	17-pin connector
T17e	17-pin connector
V1	Sliding sunroof motor
*	Saloon
*2	Avant



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Fuse holder C, Fuse carrier 1

J676	Chip card reader control unit
J685	Display unit for front information display and operating unit control unit
R41	CD changer
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1, black
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
T8ag	8-pin connector
T10bk	10-pin connector
T17o	17-pin connector, in right A-pillar coupling station, black
A168	Positive connection 4 (30a) in dash panel wiring harness
*	For models with start/stop system
*2	For models with RMC radio system
*3	see applicable current flow diagram

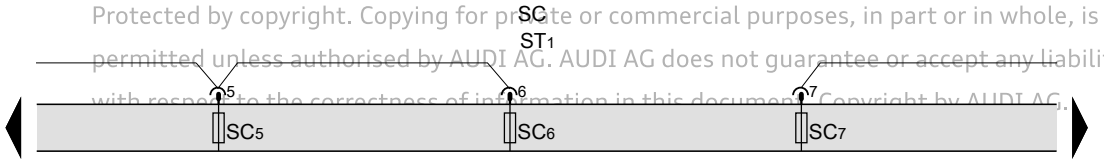
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Fuse holder C, Fuse carrier 1

SC	Fuse holder C
ST1	Fuse carrier 1, black
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C



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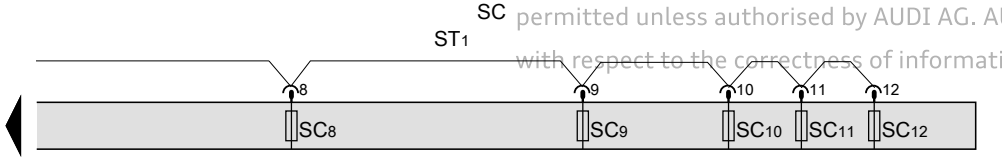
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ge	=	yellow
or	=	orange
rs	=	pink

Fuse holder C, Fuse carrier 1

SC	Fuse holder C
ST1	Fuse carrier 1, black
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C

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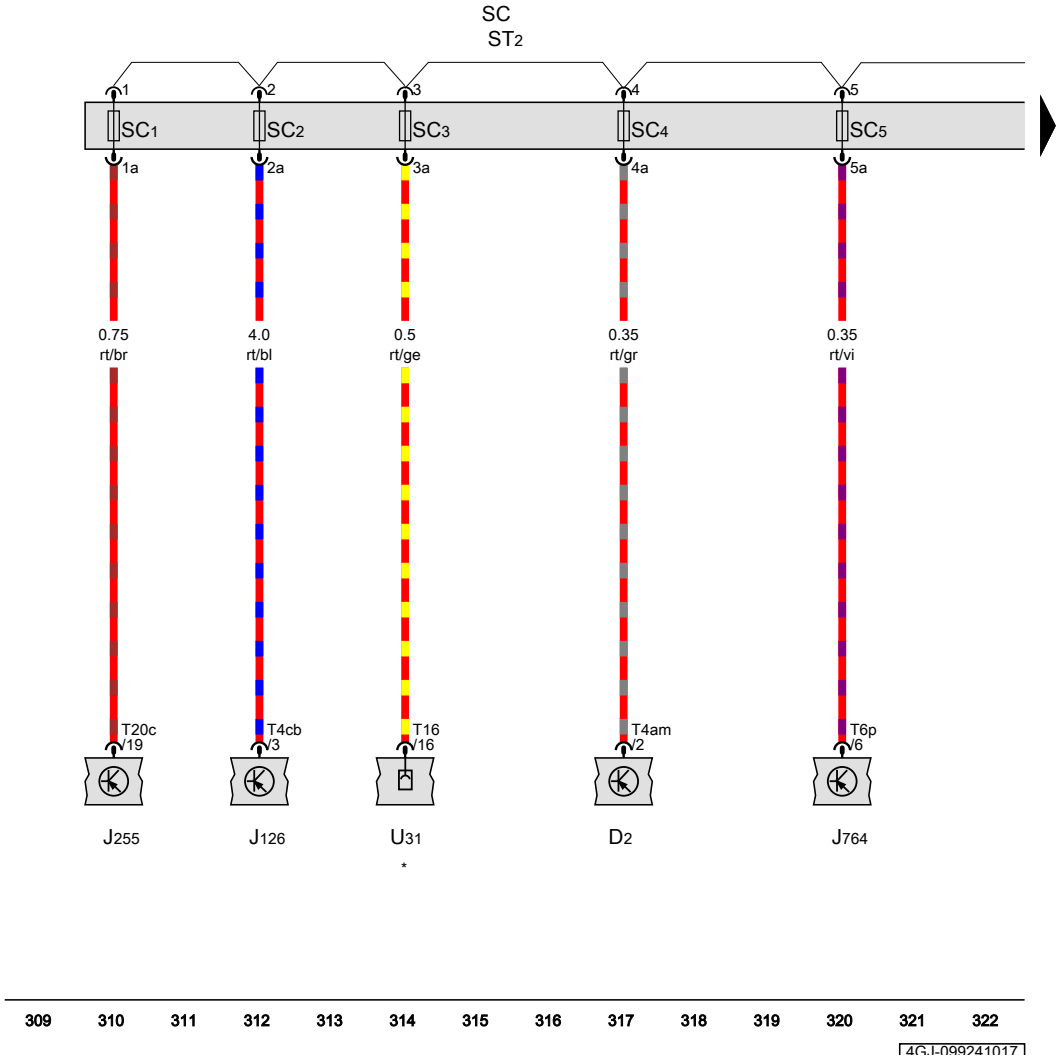


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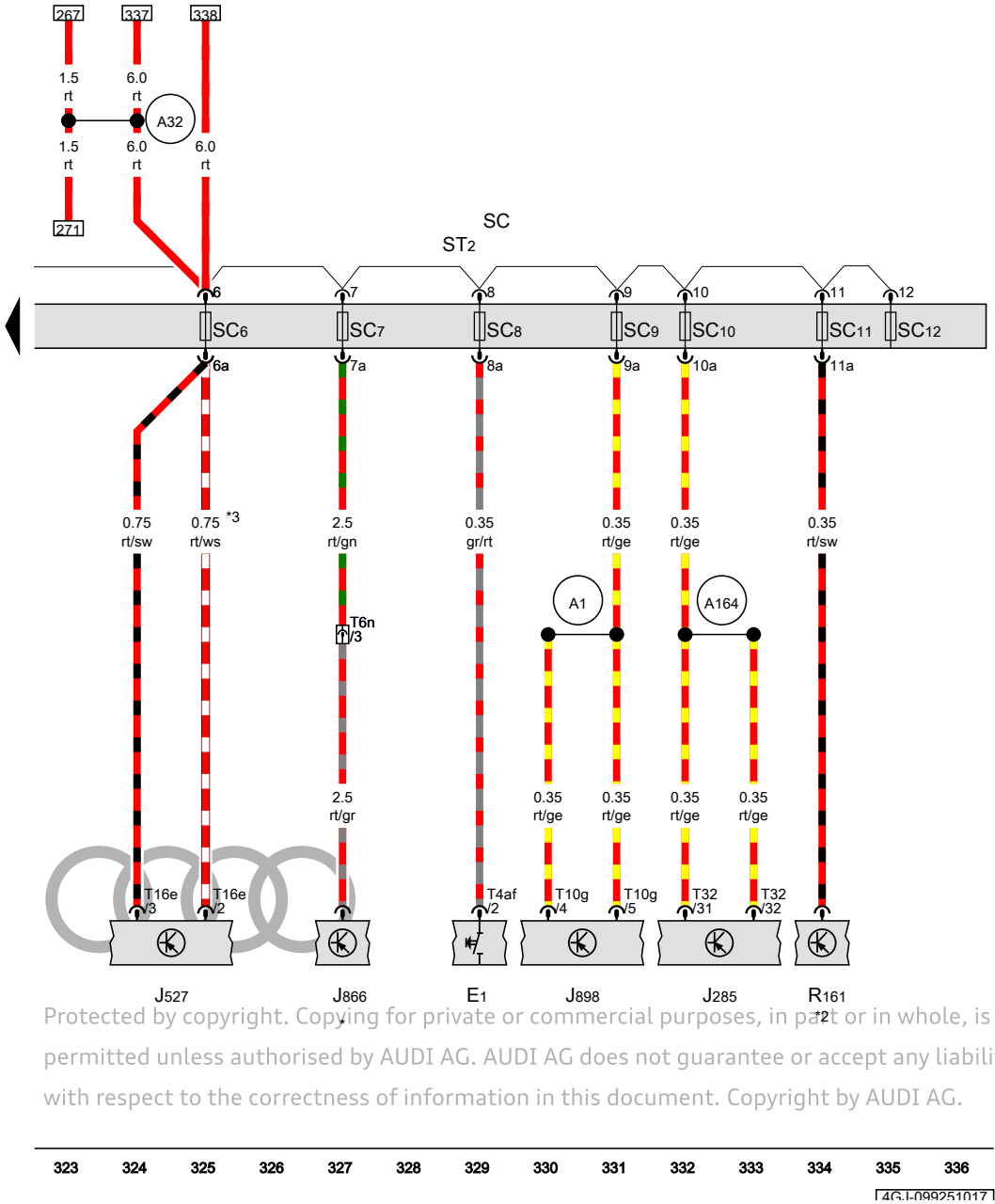
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Fuse holder C, Fuse carrier 2

D2	Immobiliser reader coil
J126	Fresh air blower control unit
J255	Climatronic control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C, Fuse carrier on left of dash panel
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2, brown
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4am	4-pin connector
T4cb	4-pin connector
T6p	6-pin connector
T16	16-pin connector
T20c	20-pin connector
U31	Diagnostic connection, in luggage compartment, rear right
*	Diagnostic connection
*2	For models with 400 W voltage stabiliser

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ro	=	red
rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

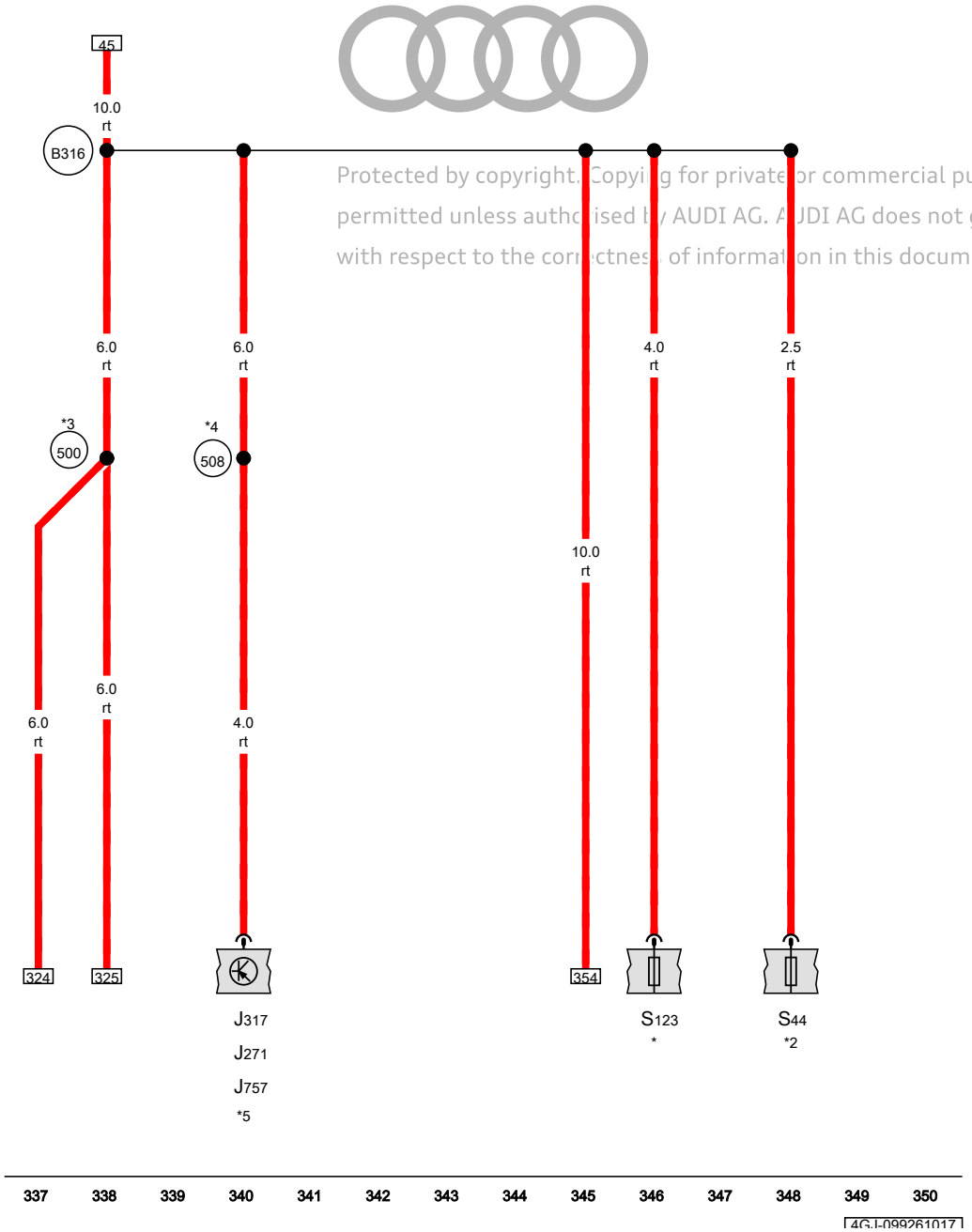


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Fuse holder C, Fuse carrier 2

E1	Light switch
J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J866	Control unit for electrically adjustable steering column
J898	Control unit for Head-up Display
R161	DVD changer
SC	Fuse holder C, Fuse carrier on left of dash panel
ST2	Fuse carrier 2, brown
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T4af	4-pin connector
T6n	6-pin connector, behind steering column trim
T10g	10-pin connector
T16e	16-pin connector
T32	32-pin connector
A1	Positive connection (30a), in dash panel wiring harness
A32	Positive connection (30), in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for multimedia system
*3	For models with heated steering wheel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

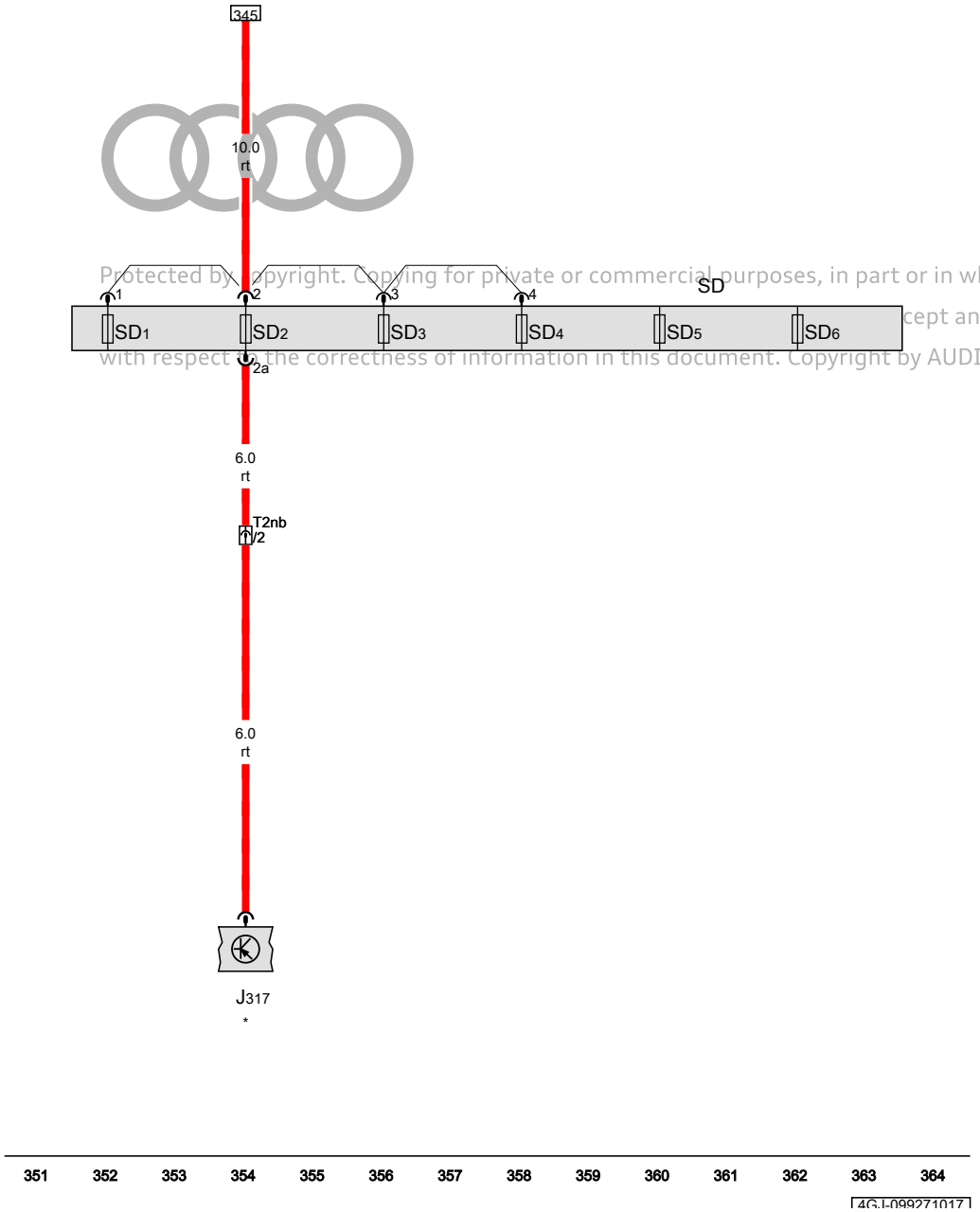


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Positive connection 2 (30a) in main wiring harness

J271	Main relay
J317	Terminal 30 voltage supply relay
J757	Engine component current supply relay
S44	Driver seat adjustment thermal fuse 1
S123	ABS control unit fuse 1
500	Threaded connection 1 (30), on relay plate
508	Threaded connection (30) on E-box
B316	Positive connection 2 (30a) in main wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for seat adjustment
*3	Relay carrier on left under dash panel
*4	Threaded connection, in E-box in plenum chamber
*5	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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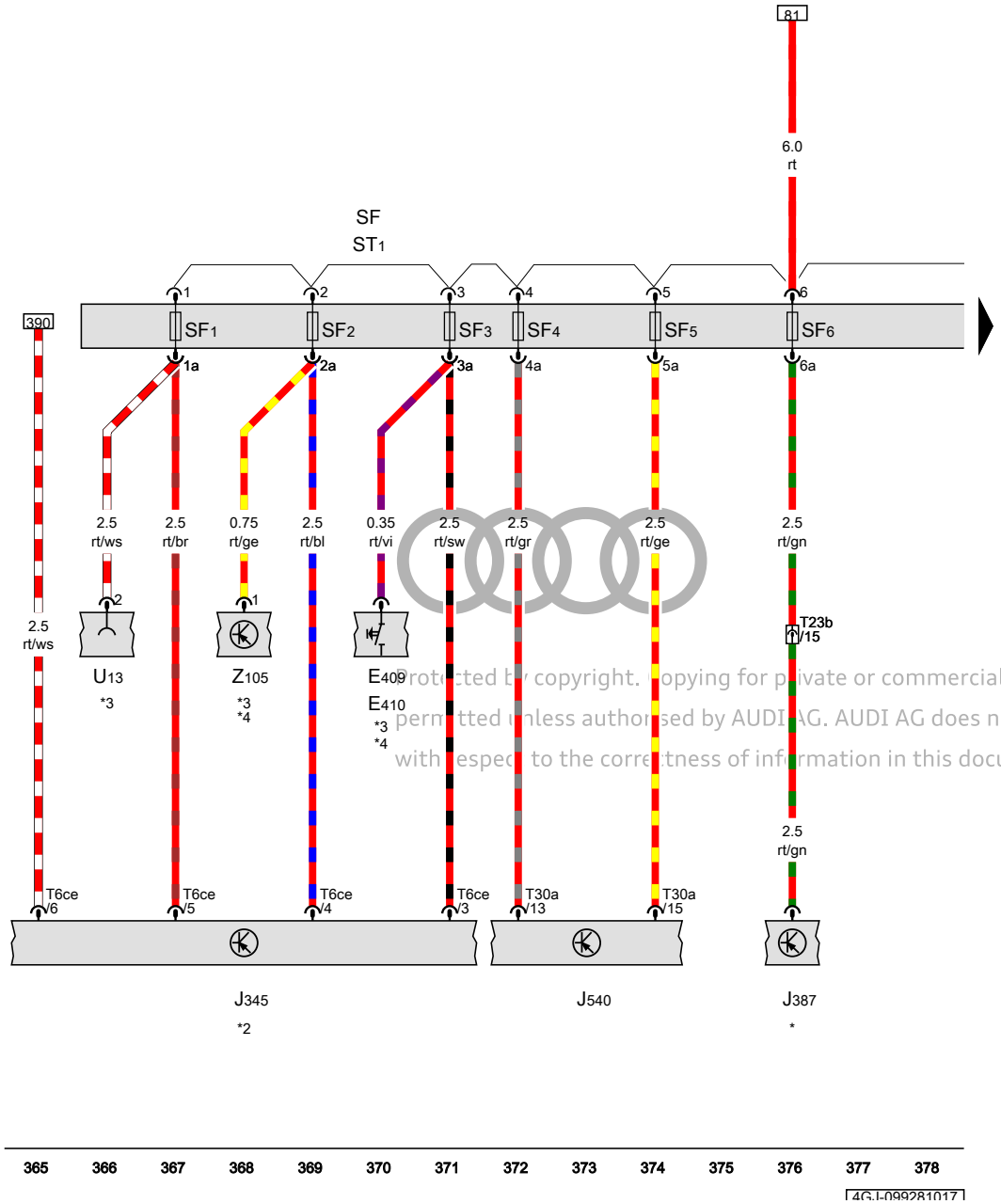


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Fuse 2 on fuse holder D

J317	Terminal 30 voltage supply relay
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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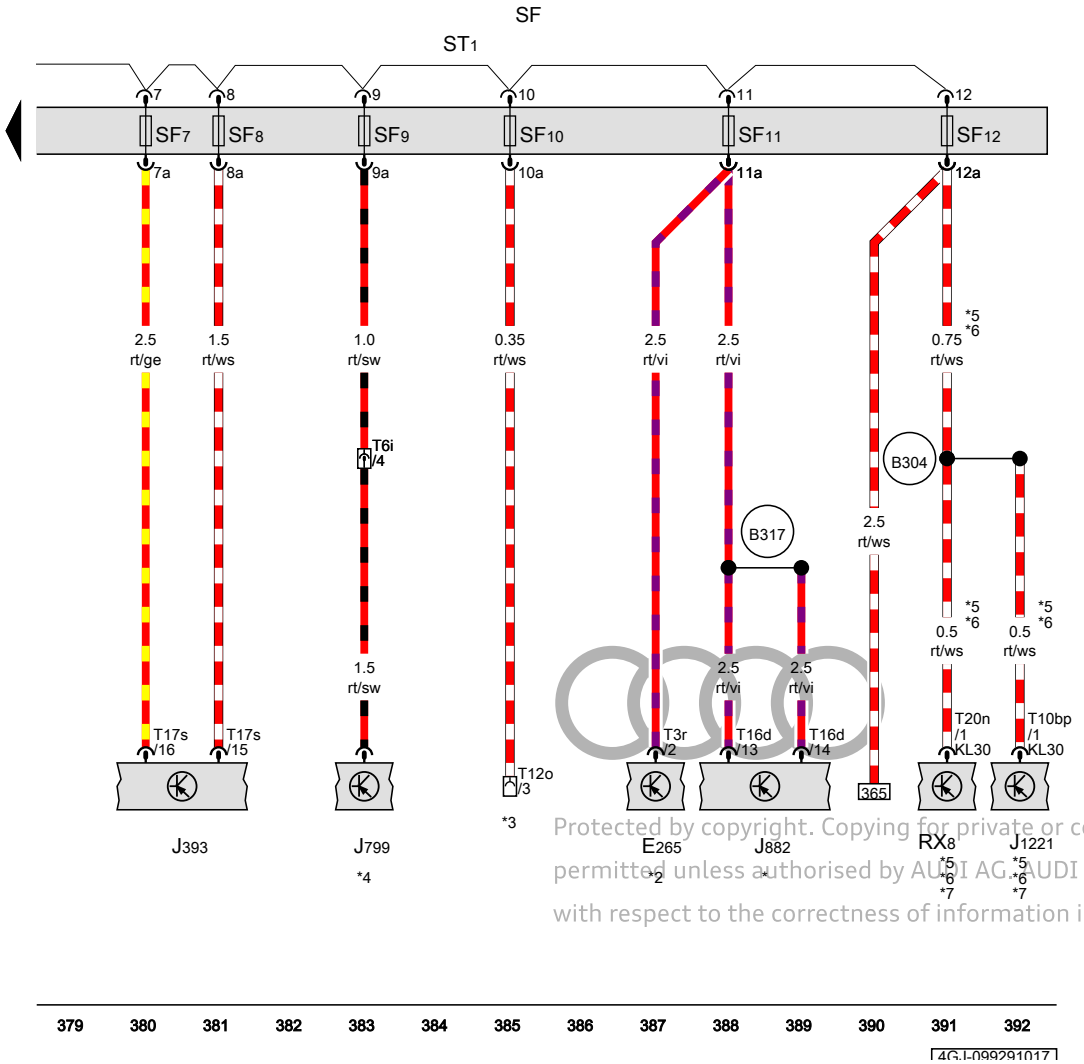
Fuse holder F, Fuse carrier 1

E409	Rear left seat massage function button
E410	Rear right seat massage function button
J345	Trailer detector control unit
J387	Front passenger door control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
ST1	Fuse carrier 1, black
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T6ce	6-pin connector
T23b	23-pin connector, on right A-pillar, black
T30a	30-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
Z105	Cup holder with heater and cooling element
*	see applicable current flow diagram for convenience system
*2	For models with trailer socket
*3	For models with equipment for China
*4	see applicable current flow diagram

ws	=	white
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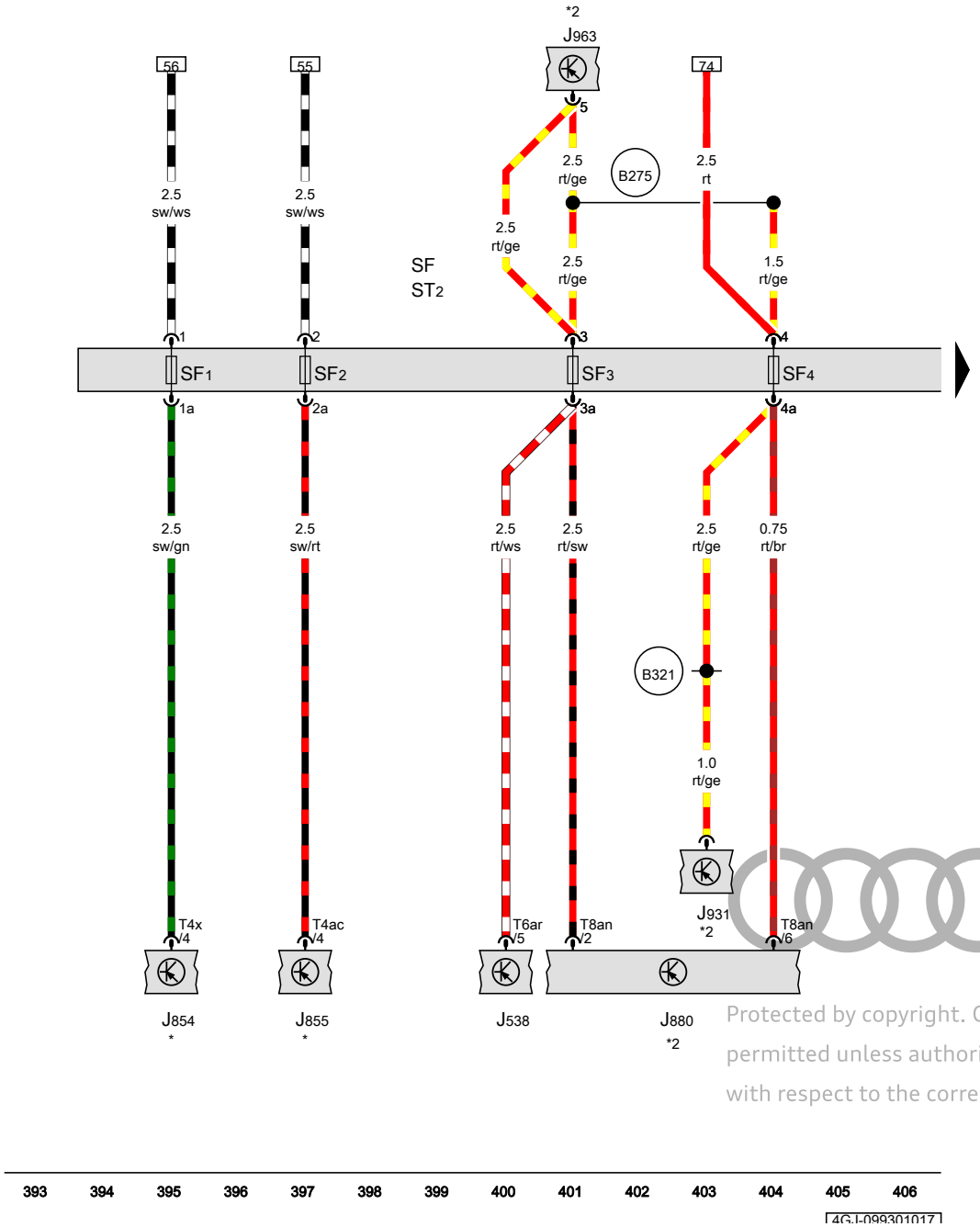
Interface control unit for telematics, Telephone interface, Fuse holder F, Fuse carrier 1

E265	Operating and display unit for rear air conditioning system
J393	Convenience system central control unit
J799	Control unit for front right seat ventilation
J882	Seat heating control unit
J1221	Interface control unit for telematics
RX8	Telephone interface
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T3r	3-pin connector
T6i	6-pin connector, in coupling point for front seat, right
T10bp	10-pin connector, black
T12o	12-pin connector, on right in luggage compartment
T16d	16-pin connector
T17s	17-pin connector
T20n	20-pin connector, brown
B304	Positive connection 8 (30), in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
*	Automatic air conditioning system, basic Climatronic
*2	Automatic air conditioning system, luxury Climatronic
*3	For models with interface for special functions
*4	For models with seat ventilation
*5	From July 2017
*6	For models with hybrid drive system
*7	see applicable current flow diagram for vehicle location system



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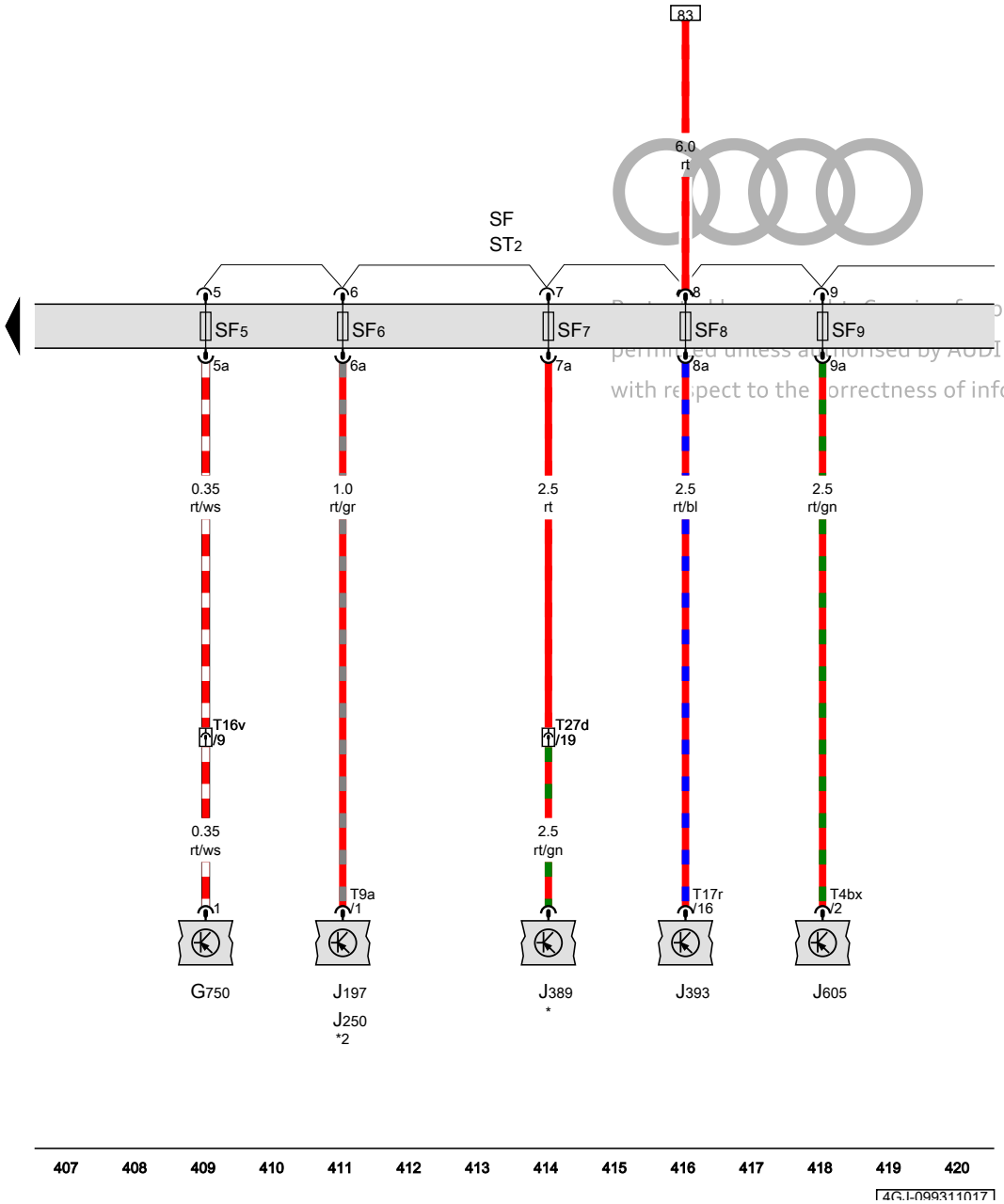


Fuse holder F, Fuse carrier 2

J538	Fuel pump control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
J880	Control unit for reducing agent metering system
J931	Power unit mounting control unit
J963	Relay for reducing agent metering system
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2, red
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T4ac	4-pin connector
T4x	4-pin connector
T6ar	6-pin connector
T8an	8-pin connector
B275	Positive connection (87), in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for airbag
*2	see applicable current flow diagram for engine

ws	=	white
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Fuse holder F, Fuse carrier 2

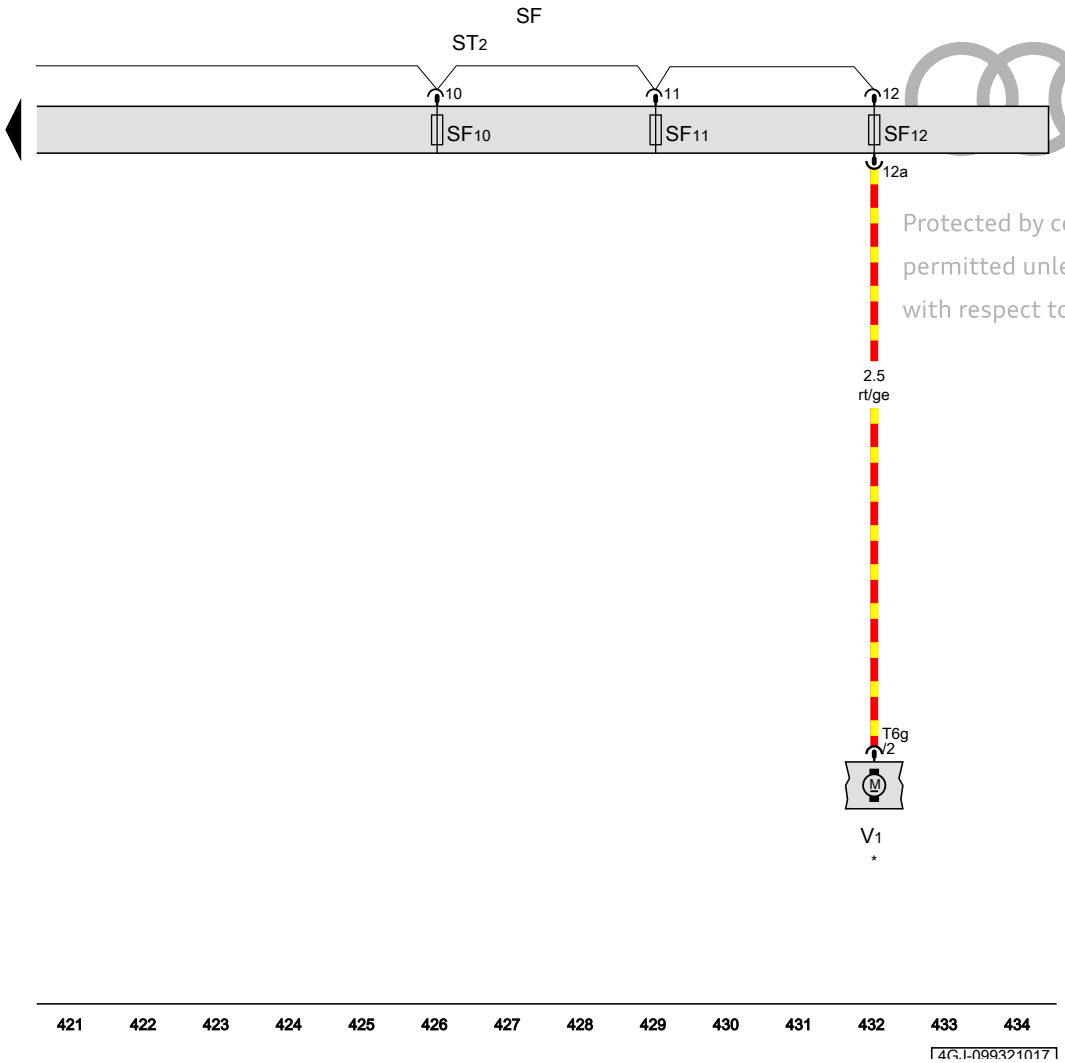
G750	Rear lid power opening sender
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J605	Rear lid control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T9a	9-pin connector
T16v	16-pin connector, in luggage compartment, rear right, brown
T17r	17-pin connector
T27d	27-pin connector, on right B-pillar, black
*	see applicable current flow diagram for convenience system
*2	According to equipment

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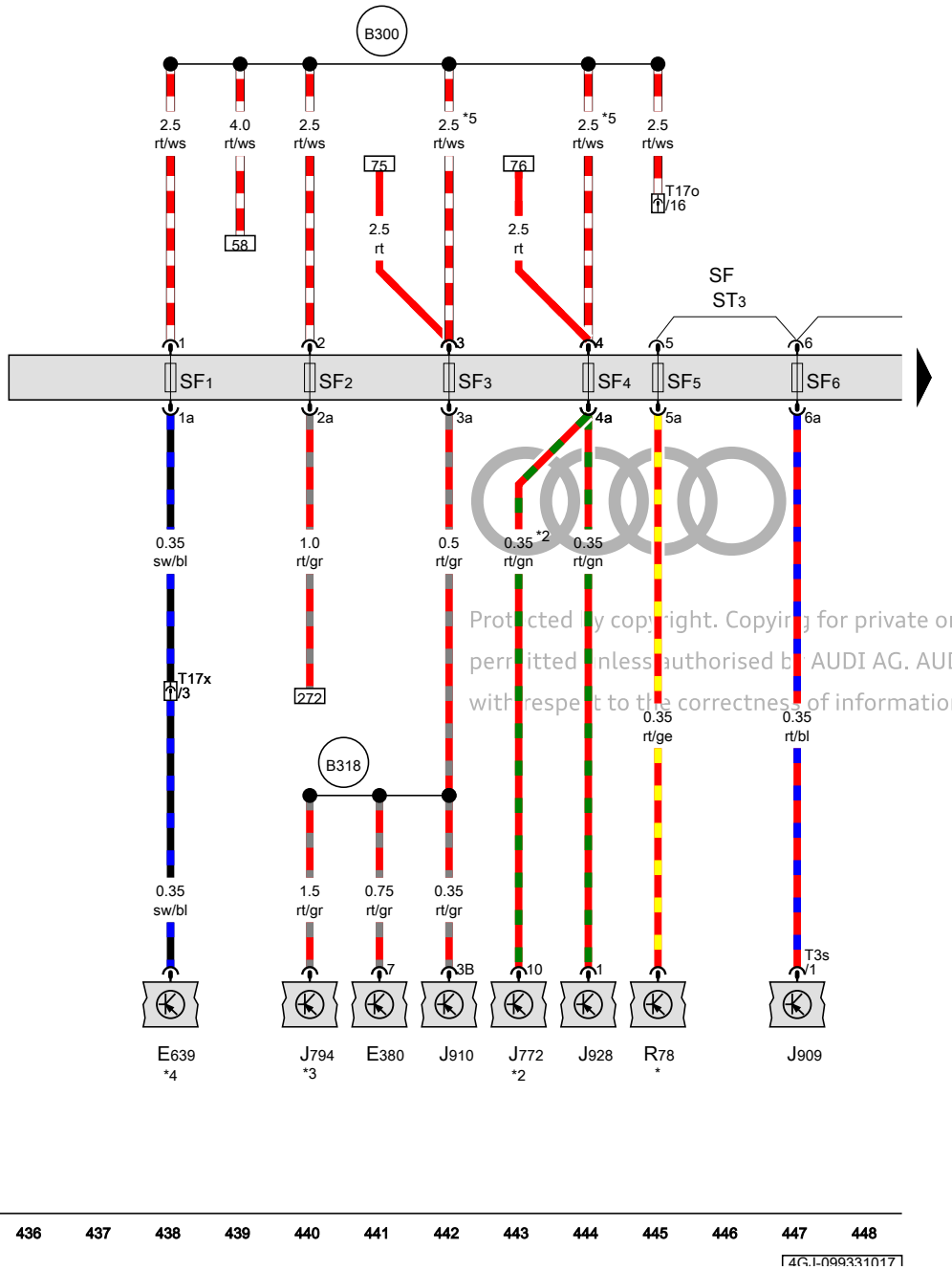
Fuse holder F, Fuse carrier 2

SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T6g	6-pin connector
V1	Sliding sunroof motor
*	Avant



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vi	=	purple
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rs	=	pink

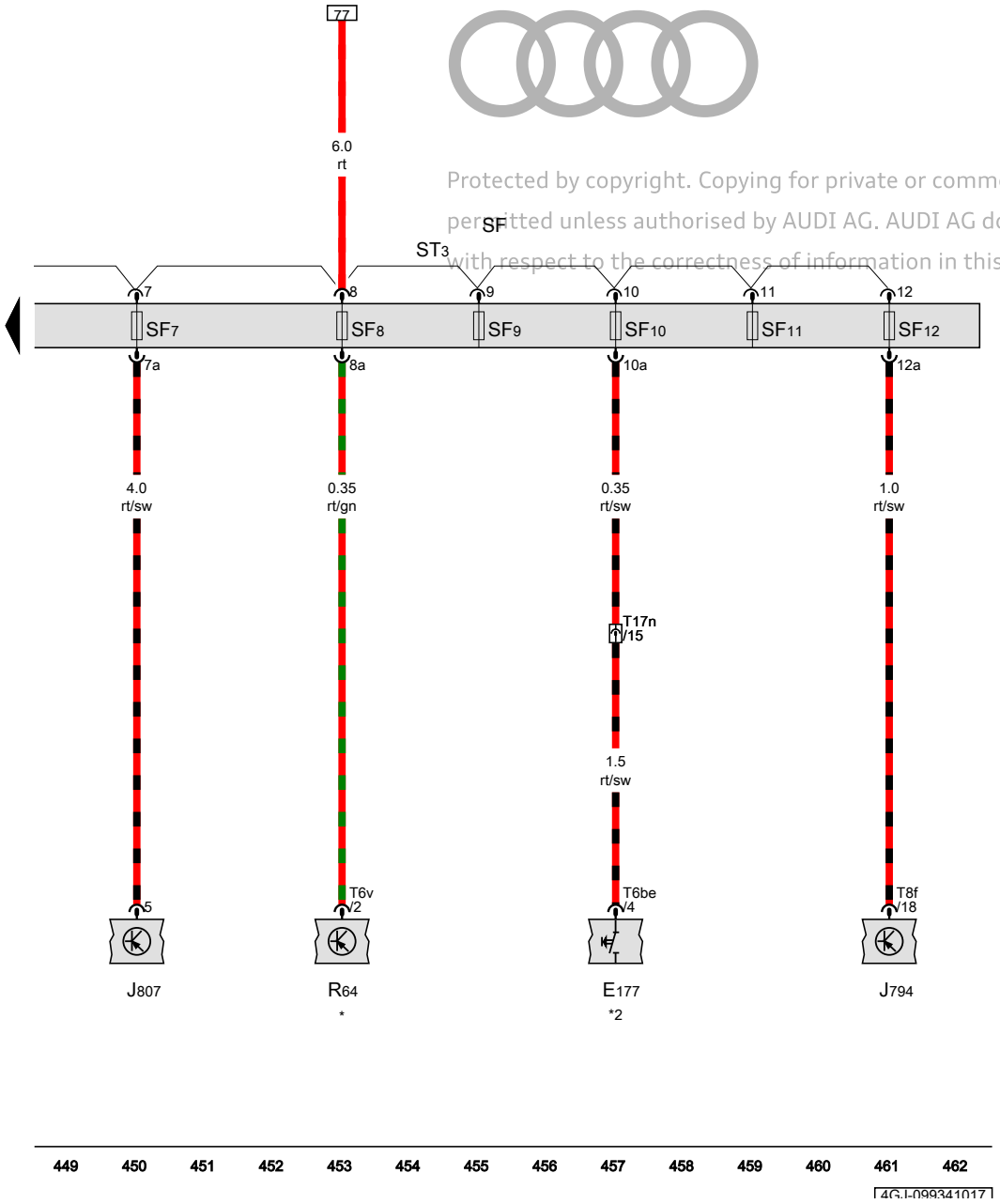


Fuse holder F, Fuse carrier 3

E380	Multimedia system operating unit
E639	Remote control 1 for information electronics
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
J909	Control unit for fuel tank leak detection
J910	Relay for automatic anti-dazzle interior mirror
J928	Control unit for overhead view camera
R78	TV tuner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3, brown
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T3s	3-pin connector
T17o	17-pin connector, in right A-pillar coupling station, black
T17x	17-pin connector, in coupling point for rear centre armrest, brown
B300	Positive connection 4 (30), in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for TV tuner
*2	Up to April 2015
*3	see applicable current flow diagram
*4	For models with equipment for China
*5	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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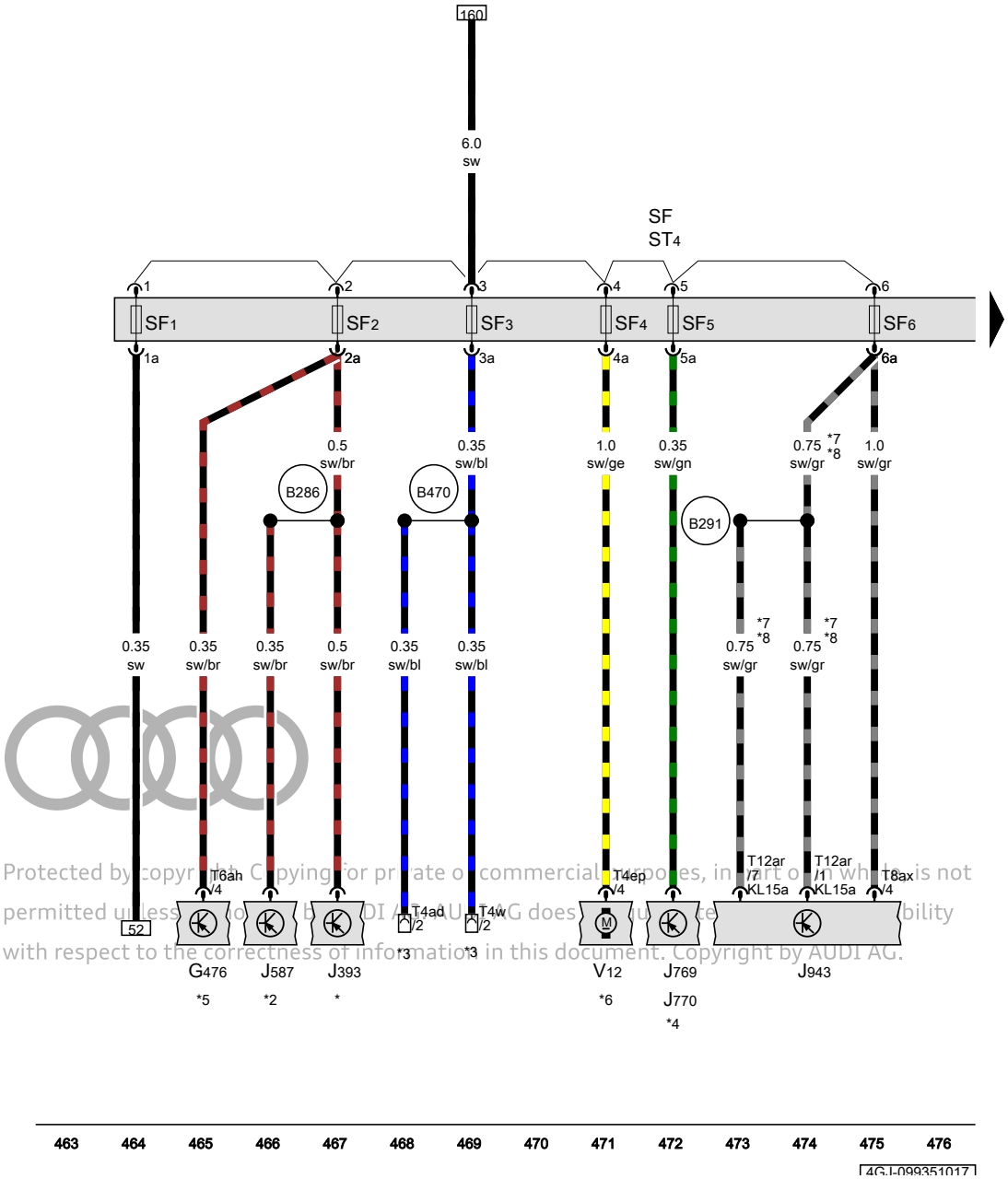


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Fuse holder F, Fuse carrier 3

E177	Front passenger seat lumbar support adjustment switch
J794	Control unit 1 for information electronics
J807	Relay for power sockets
R64	Remote control receiver for auxiliary heater
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST3	Fuse carrier 3, brown
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T6be	6-pin connector
T6v	6-pin connector
T8f	8-pin connector
T17n	17-pin connector, in coupling point for front seat, right, red
*	For models with auxiliary heating
*2	For models with adjustable lumbar support

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

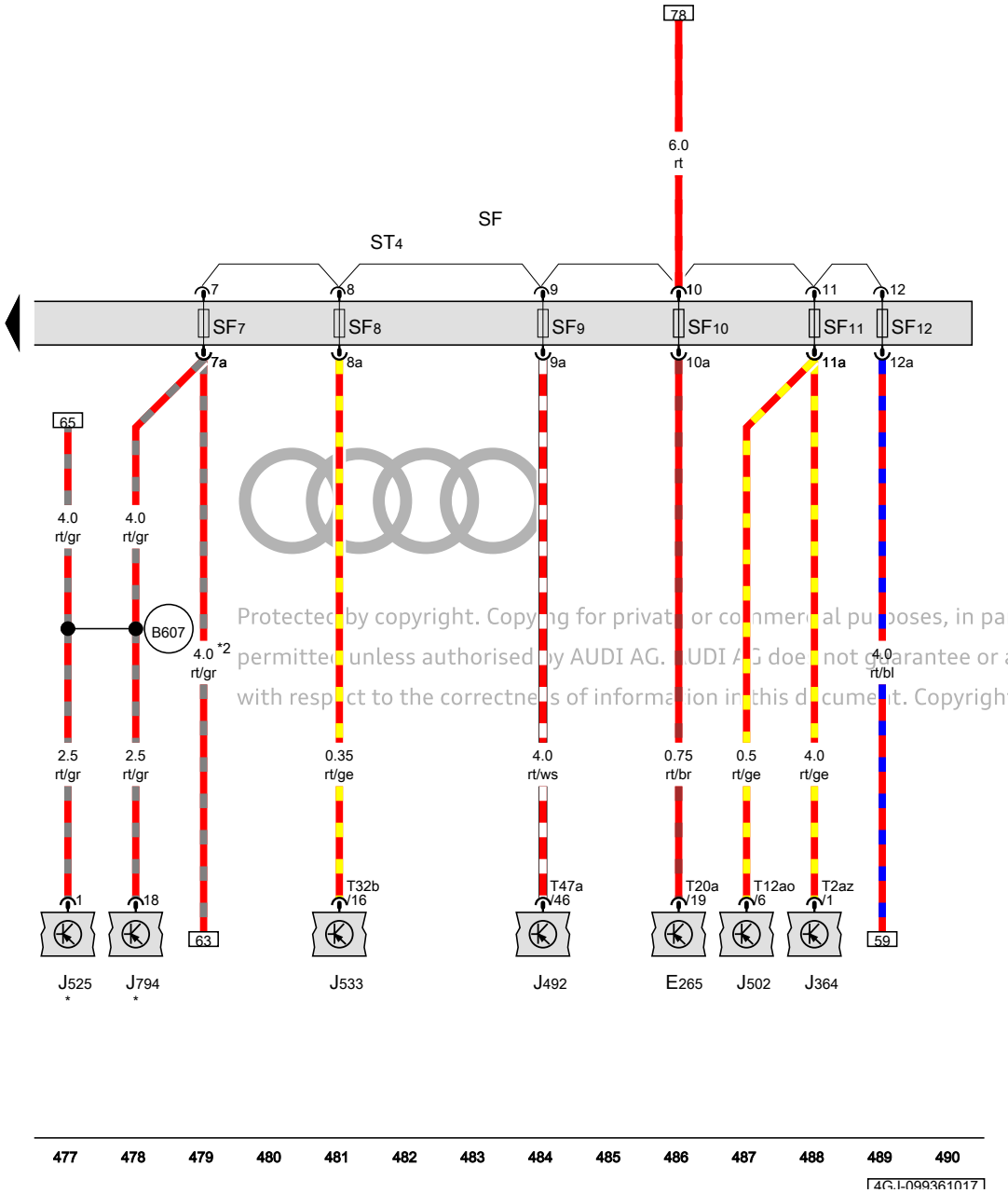


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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder F, Fuse carrier 4

G476	Clutch position sender
J393	Convenience system central control unit
J587	Selector lever sensors control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J943	Engine sound generator control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4, green
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T4ad	4-pin connector
T4ep	4-pin connector
T4w	4-pin connector
T6ah	6-pin connector
T8ax	8-pin connector
T12ar	12-pin connector, black
V12	Rear window wiper motor
B286	Positive connection 10 (15a) in main wiring harness
B291	Positive connection 15 (15a) in main wiring harness
B470	Connection 6, in main wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for automatic gearbox
*3	For models with preparation for Rear Seat Entertainment (RSE)
*4	see applicable current flow diagram
*5	For models with manual gearbox
*6	Avant
*7	From July 2017
*8	For models with hybrid drive system



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Fuse holder F, Fuse carrier 4

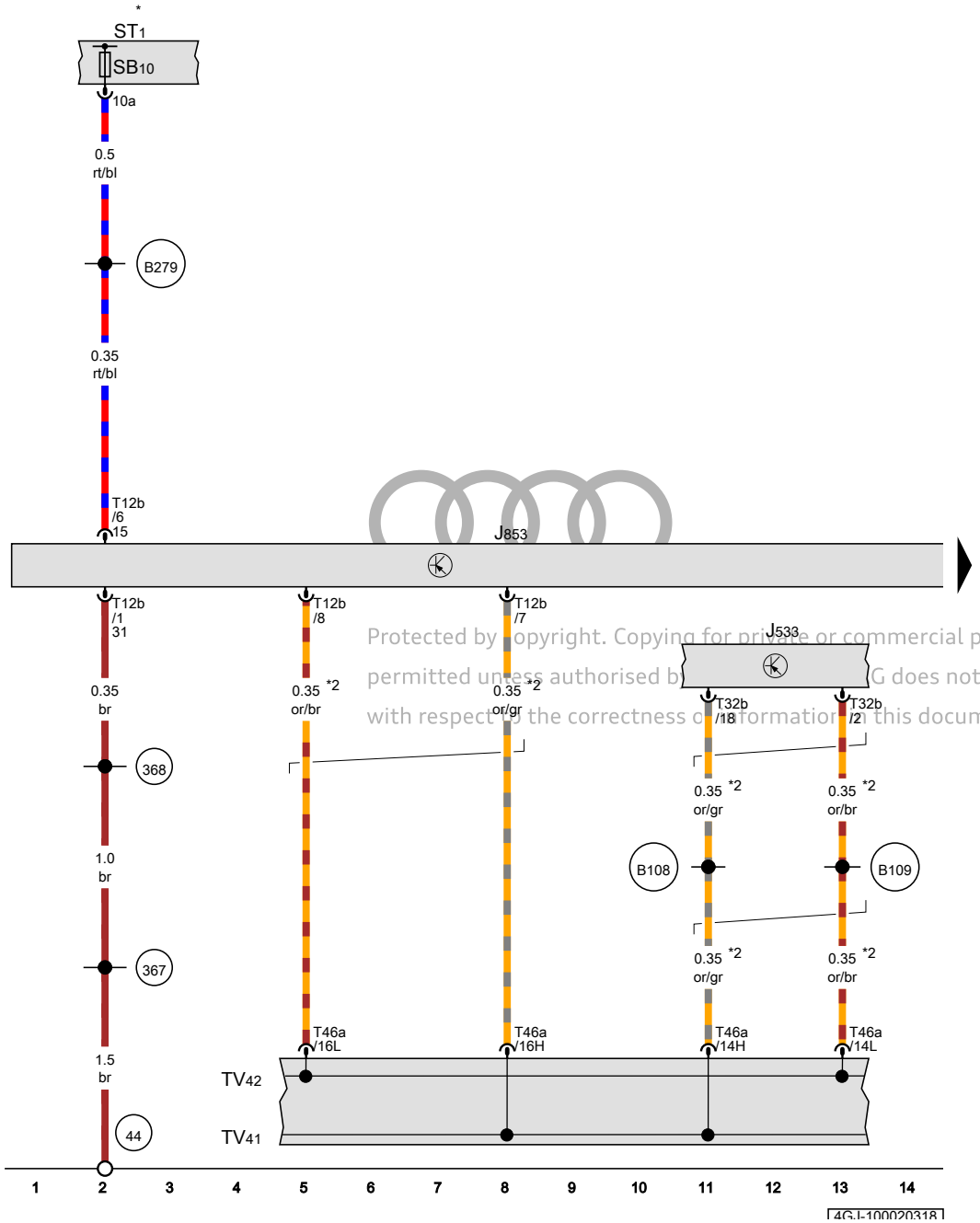
E265	Operating and display unit for rear air conditioning system
J364	Auxiliary heater control unit
J492	All-wheel drive control unit
J502	Tyre Pressure Monitoring System control unit
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST4	Fuse carrier 4, green
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T2az	2-pin connector
T12ao	12-pin connector
T20a	20-pin connector
T32b	32-pin connector
T47a	47-pin connector
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram
*2	For models with 400 W voltage stabiliser

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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Night vision system , (9R1)

From September 2014

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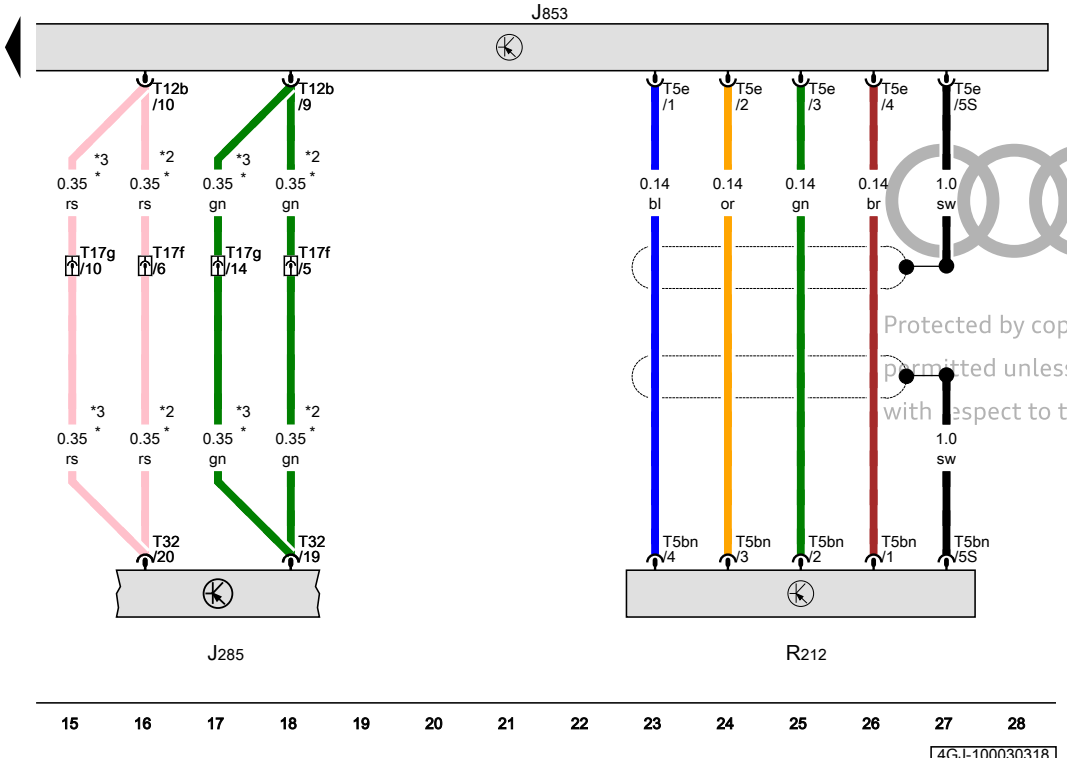
Control unit for night vision system

J533	Data bus diagnostic interface
J853	Control unit for night vision system
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T12b	12-pin connector, black
T32b	32-pin connector, black
T46a	46-pin connector, black
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Control unit for night vision system, Camera for night vision system

J285	Control unit in dash panel insert
J853	Control unit for night vision system
R212	Camera for night vision system
T5bn	5-pin connector
T5e	5-pin connector
T12b	12-pin connector, black
T17f	17-pin connector, in left A-pillar coupling station, white
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
*	Data wire
*2	Up to May 2016
*3	From May 2016



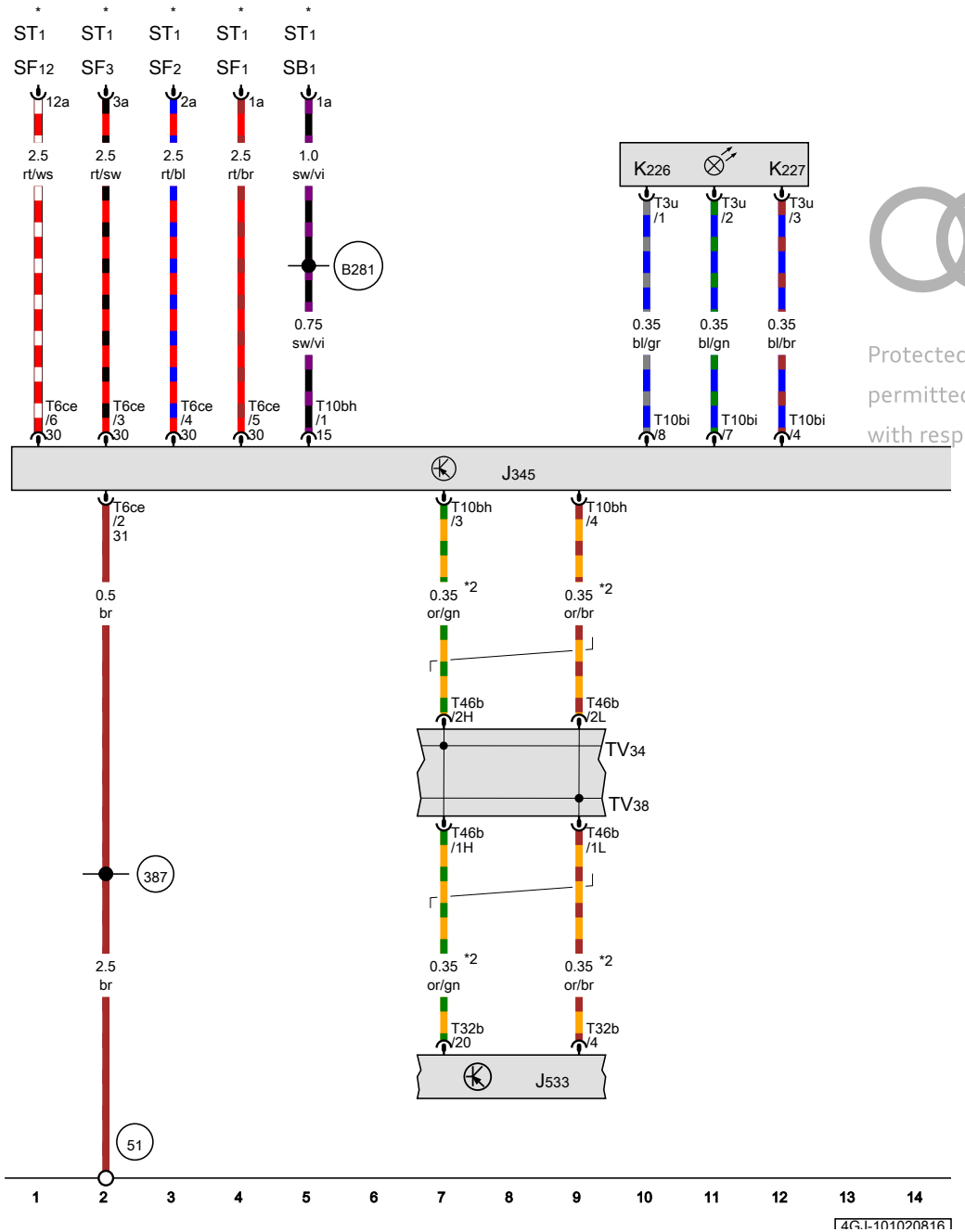
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Trailer coupling , (1D4),(1D8)

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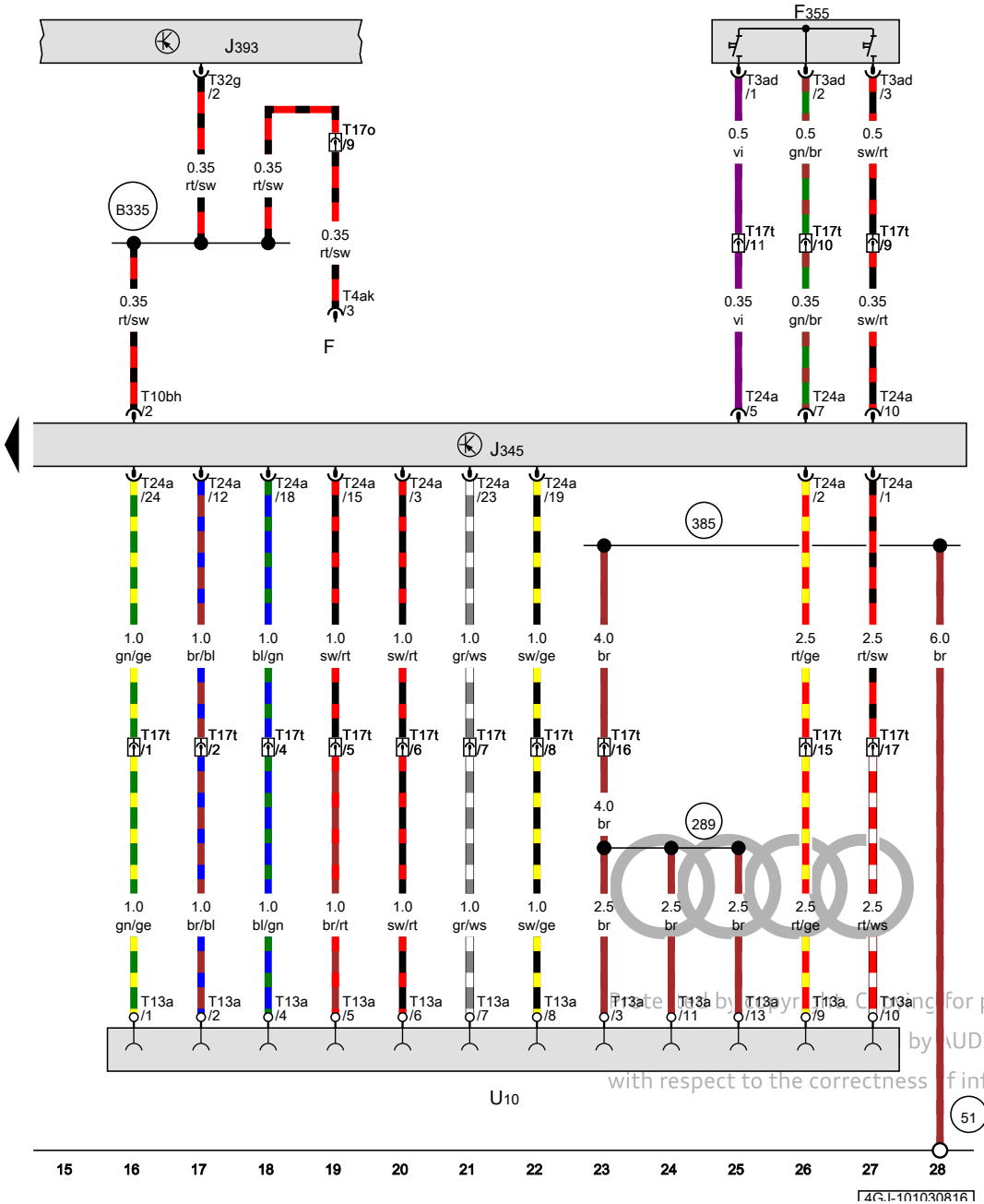


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Trailer detector control unit, Towing bracket locked warning lamp, Towing bracket released warning lamp

J345	Trailer detector control unit
J533	Data bus diagnostic interface
K226	Towing bracket locked warning lamp
K227	Towing bracket released warning lamp
SF1	Fuse 1 in fuse holder F
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF12	Fuse 12 in fuse holder F
T3u	3-pin connector
T6ce	6-pin connector, black
T10bh	10-pin connector, black
T10bi	10-pin connector, red
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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Contact switch on locking pin, Trailer detector control unit, Trailer socket

F	Brake light switch
F355	Contact switch on locking pin
J345	Trailer detector control unit
J393	Convenience system central control unit
T3ad	3-pin connector
T4ak	4-pin connector, black
T10bh	10-pin connector, black
T13a	13-pin connector
T17o	17-pin connector, in right A-pillar coupling station, black
T17t	17-pin connector, in luggage compartment, in spare wheel well, black
T24a	24-pin connector, black
T32g	32-pin connector
U10	Trailer socket
51	Earth point, on right in luggage compartment
289	Earth connection, in socket wiring harness
385	Earth connection 20, in main wiring harness
B335	Connection 1 (54), in main wiring harness

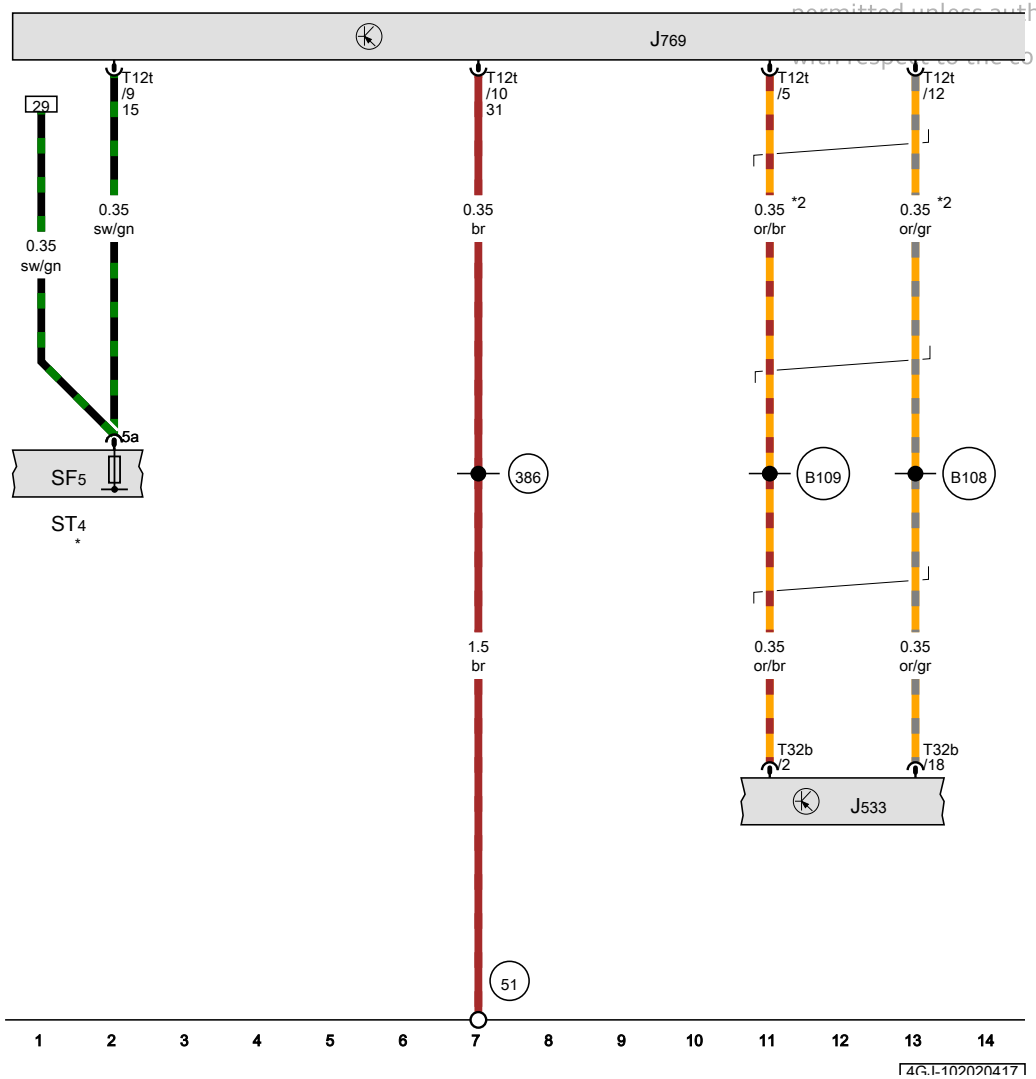
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Lane change assist , (7Y1),(7Y5)

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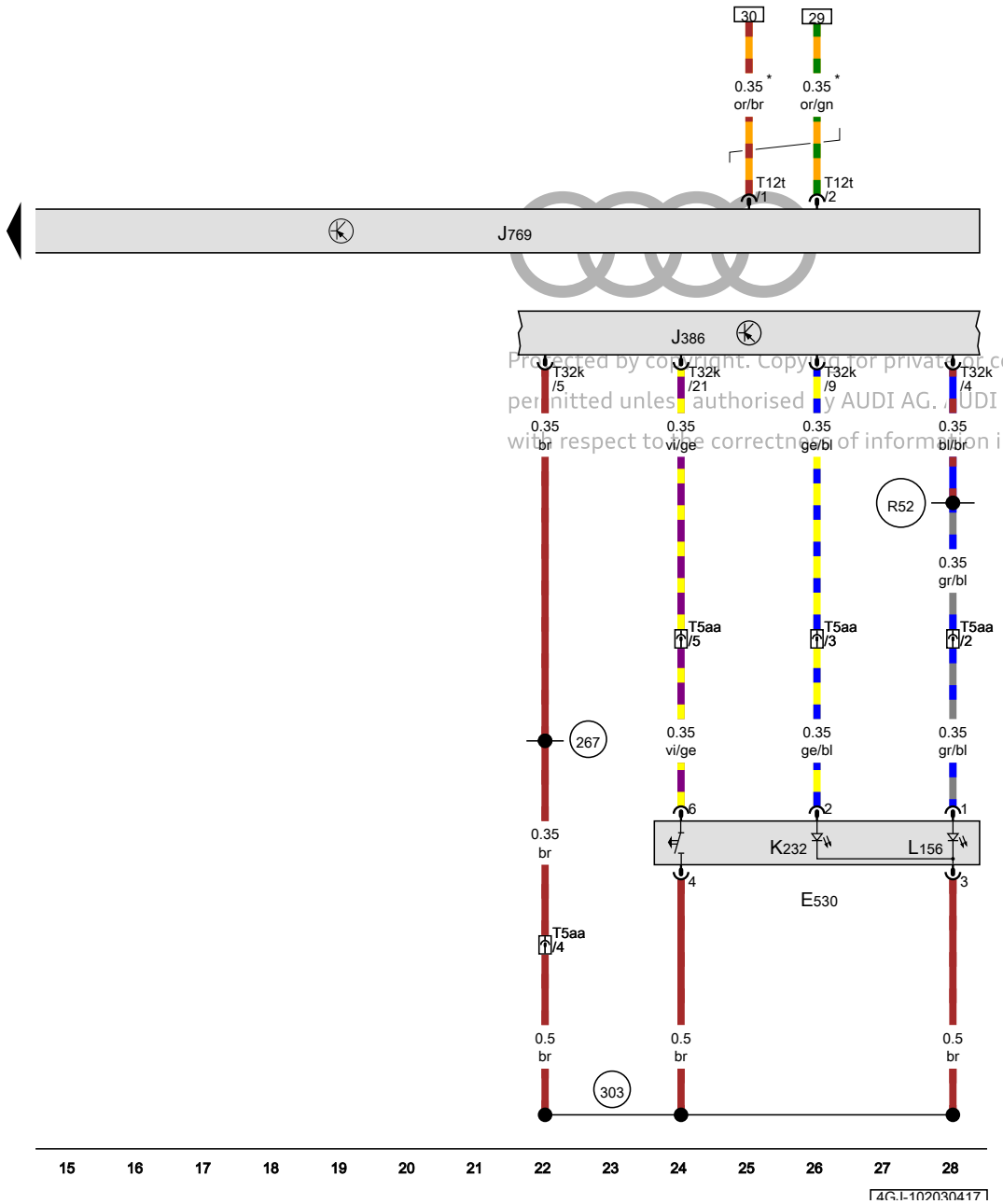
Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
T12t	12-pin connector
T32b	32-pin connector
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)

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Button for lane change assist, Lane change assist control unit, Lane change assist warning lamp

E530	Button for lane change assist
J386	Driver door control unit
J769	Lane change assist control unit
K232	Lane change assist warning lamp
L156	Switch illumination bulb
T5aa	5-pin connector, in driver door, black
T12t	12-pin connector
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
303	Earth connection 3, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Data bus wire (CAN bus)

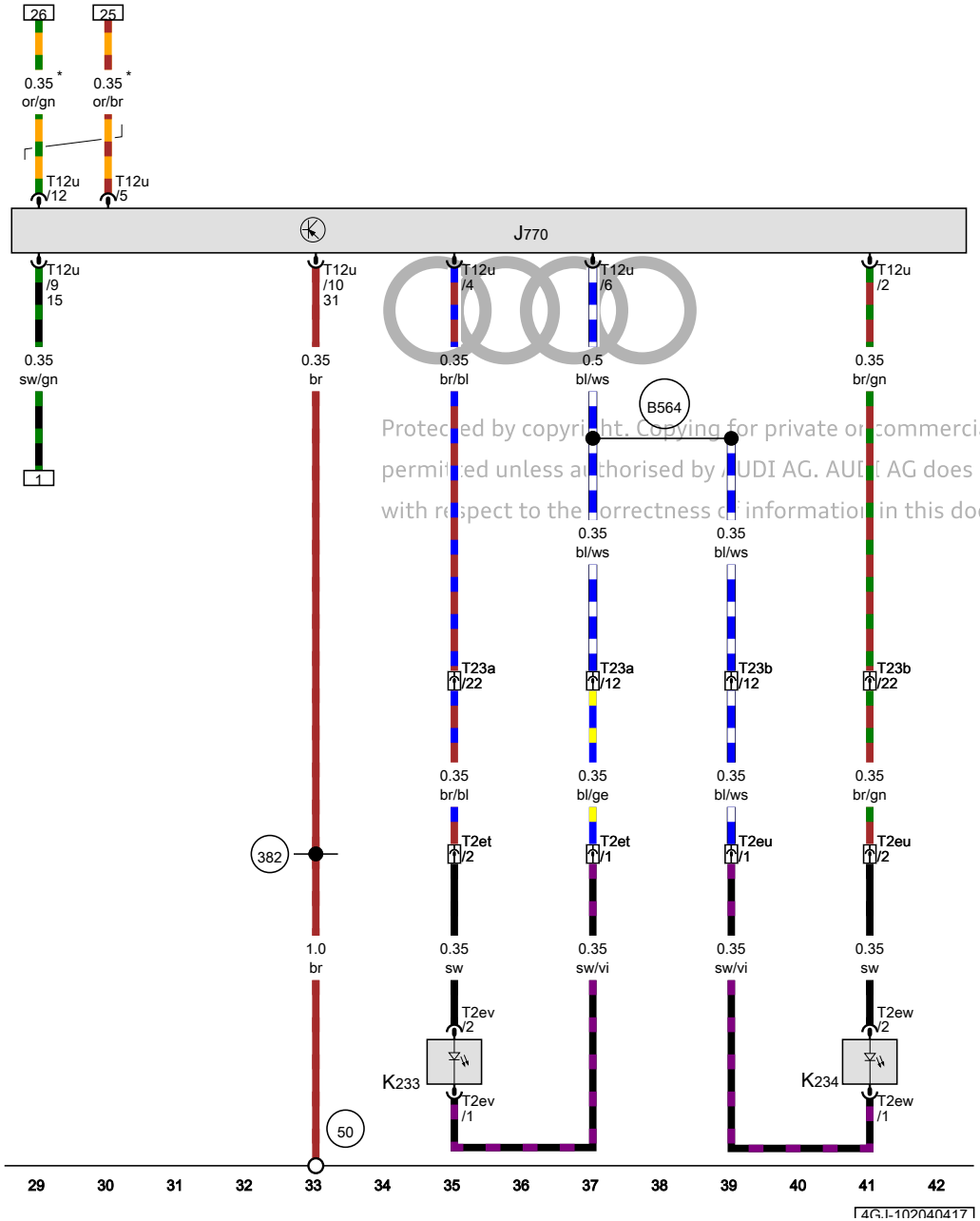


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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror

J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in passenger side exterior mirror
T2et	2-pin connector, in driver door
T2eu	2-pin connector, in front passenger door
T2ev	2-pin connector
T2ew	2-pin connector
T12u	12-pin connector
T23a	23-pin connector, on left A-pillar
T23b	23-pin connector, on right A-pillar
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness
B564	Connection 31, in main wiring harness
*	Data bus wire (CAN bus)



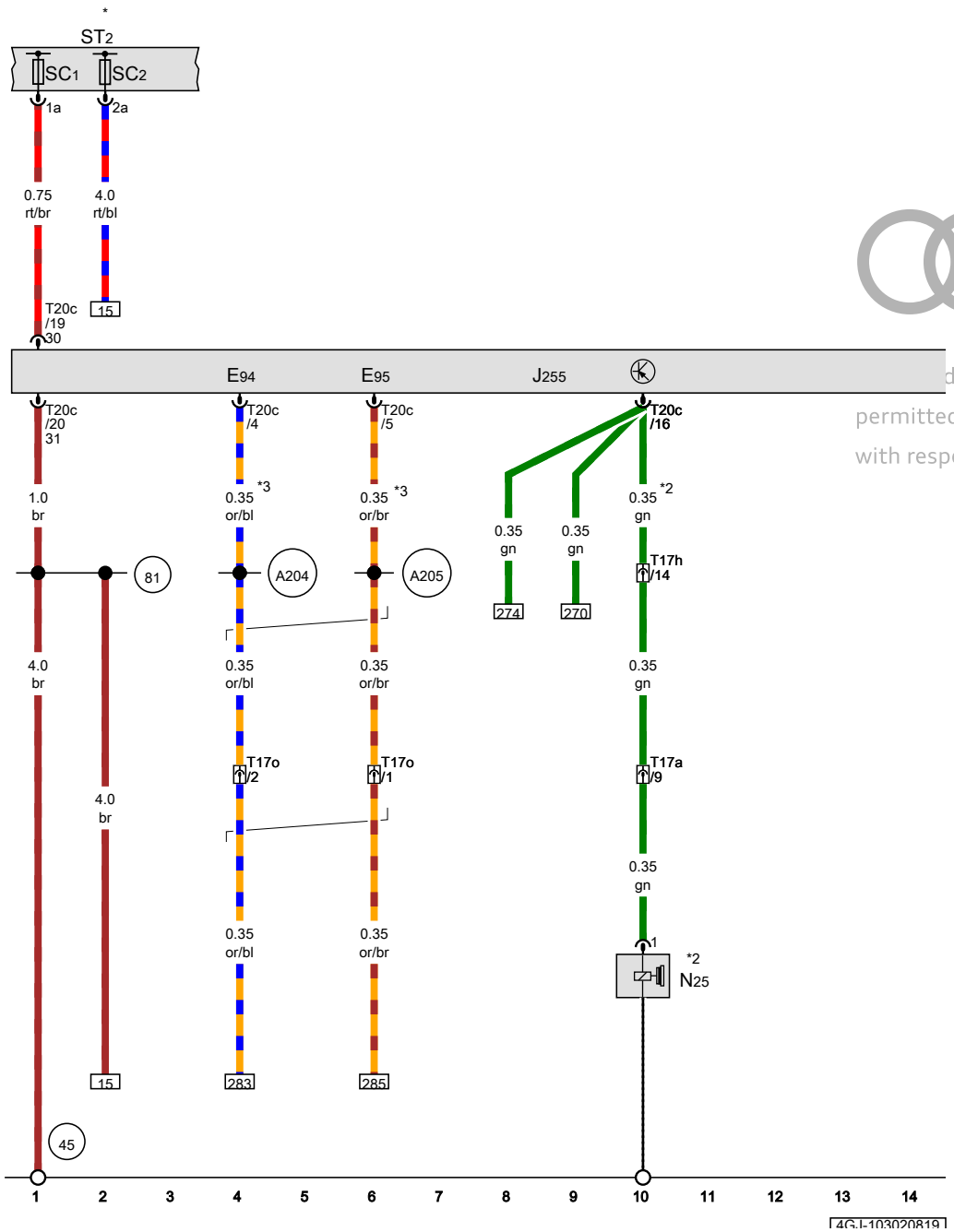
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Automatic air conditioning system, luxury Climatronic , (9AQ)

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4GJ-1030208191

Climatronic control unit, Air conditioning system magnetic clutch

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
J255	Climatronic control unit
N25	Air conditioning system magnetic clutch
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station
T20c	20-pin connector
45	Earth point, centre behind dash panel
81	Earth connection 1, in dash panel wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Data bus wire (CAN bus)

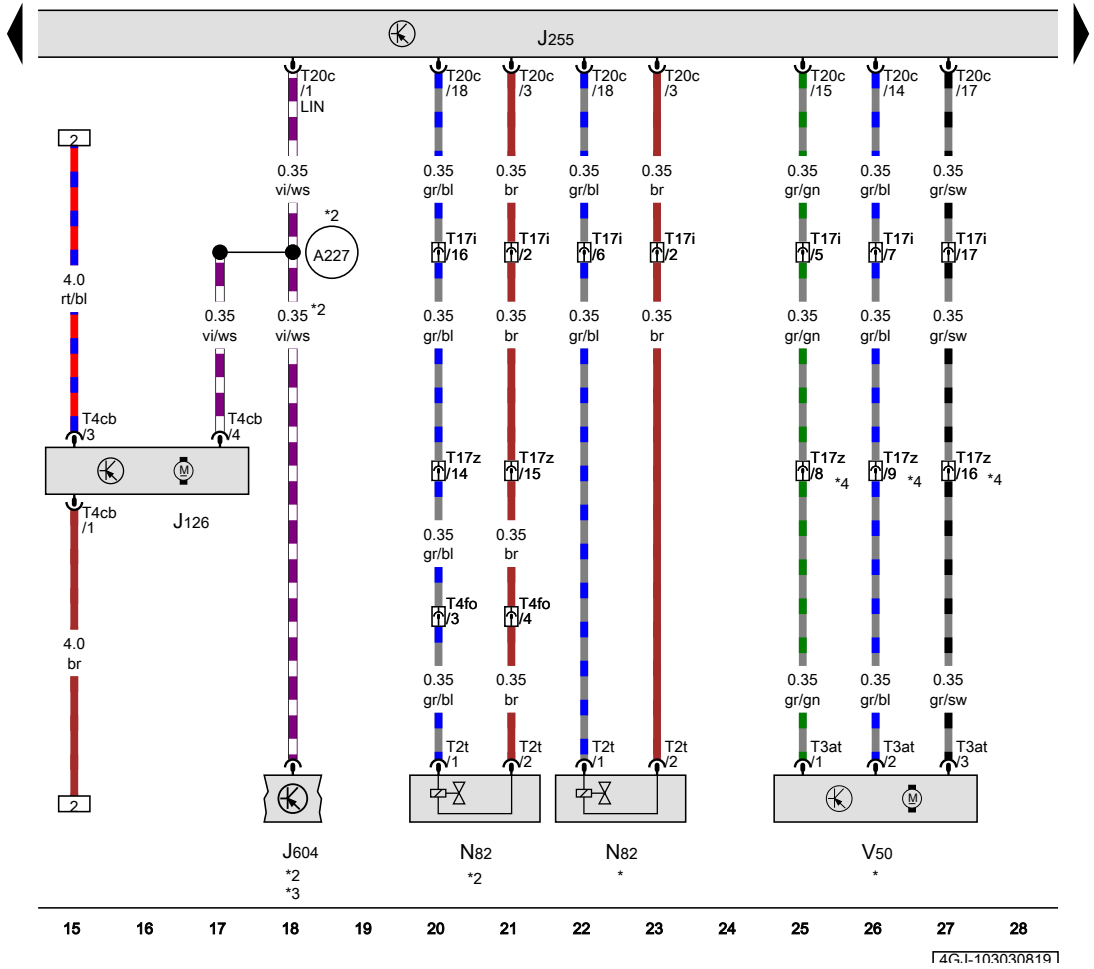
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Fresh air blower control unit, Climatronic control unit, Coolant shut-off valve, Coolant circulation pump

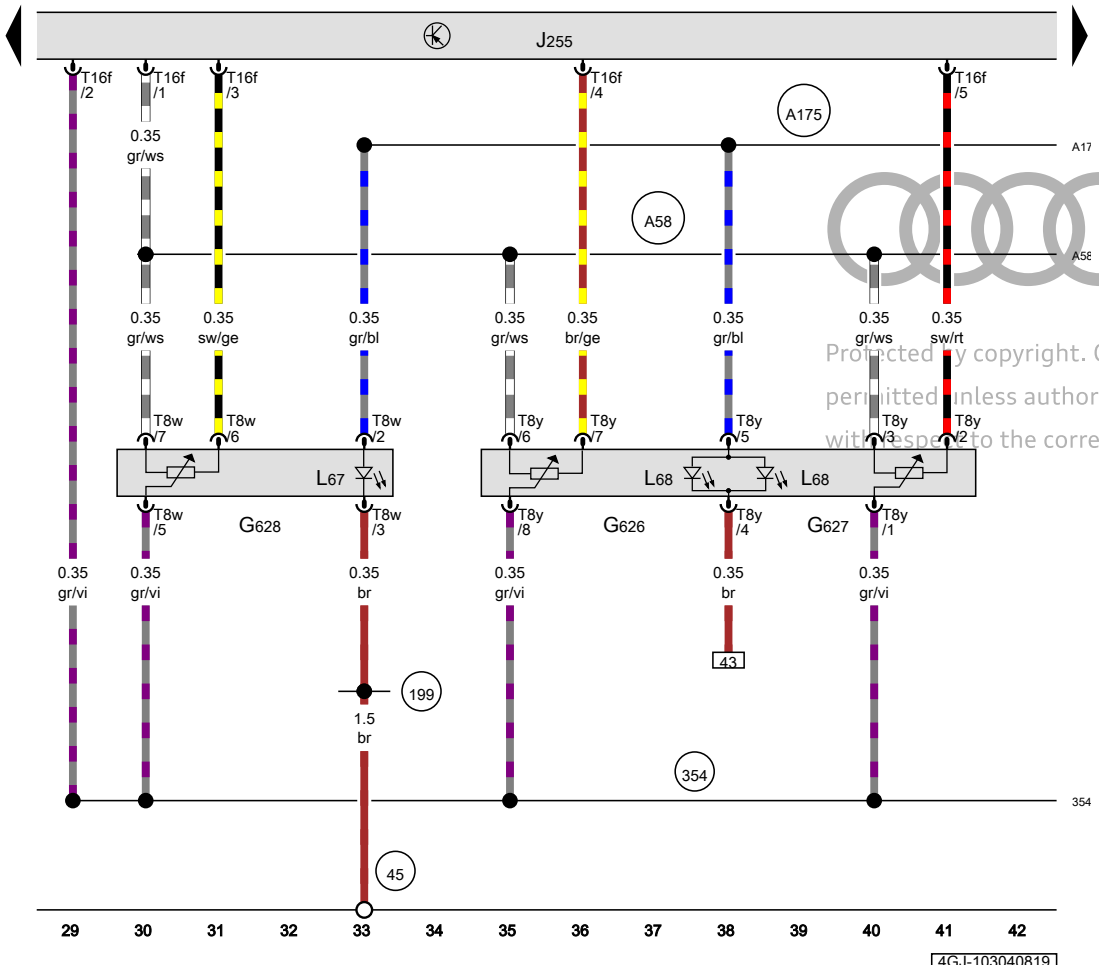
J126	Fresh air blower control unit
J255	Climatronic control unit
J604	Auxiliary air heater control unit
N82	Coolant shut-off valve
T2t	2-pin connector
T3at	3-pin connector
T4cb	4-pin connector
T4fo	4-pin connector, on left in engine compartment
T17i	17-pin connector, in left A-pillar coupling station
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T20c	20-pin connector
V50	Coolant circulation pump
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	For models with no auxiliary heater
*2	For models with hybrid drive system
*3	see applicable current flow diagram for engine
*4	For models with 2.0l engine



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Potentiometer in left centre dash panel vent, Potentiometer in left side vent, Climatronic control unit

G626	Potentiometer in left centre dash panel vent
G627	Potentiometer in right centre dash panel vent
G628	Potentiometer in left side vent
J255	Climatronic control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
T8w	8-pin connector
T8y	8-pin connector
T16f	16-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
354	Earth connection 6, in dash panel wiring harness
A58	Connection (5 volt), in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness

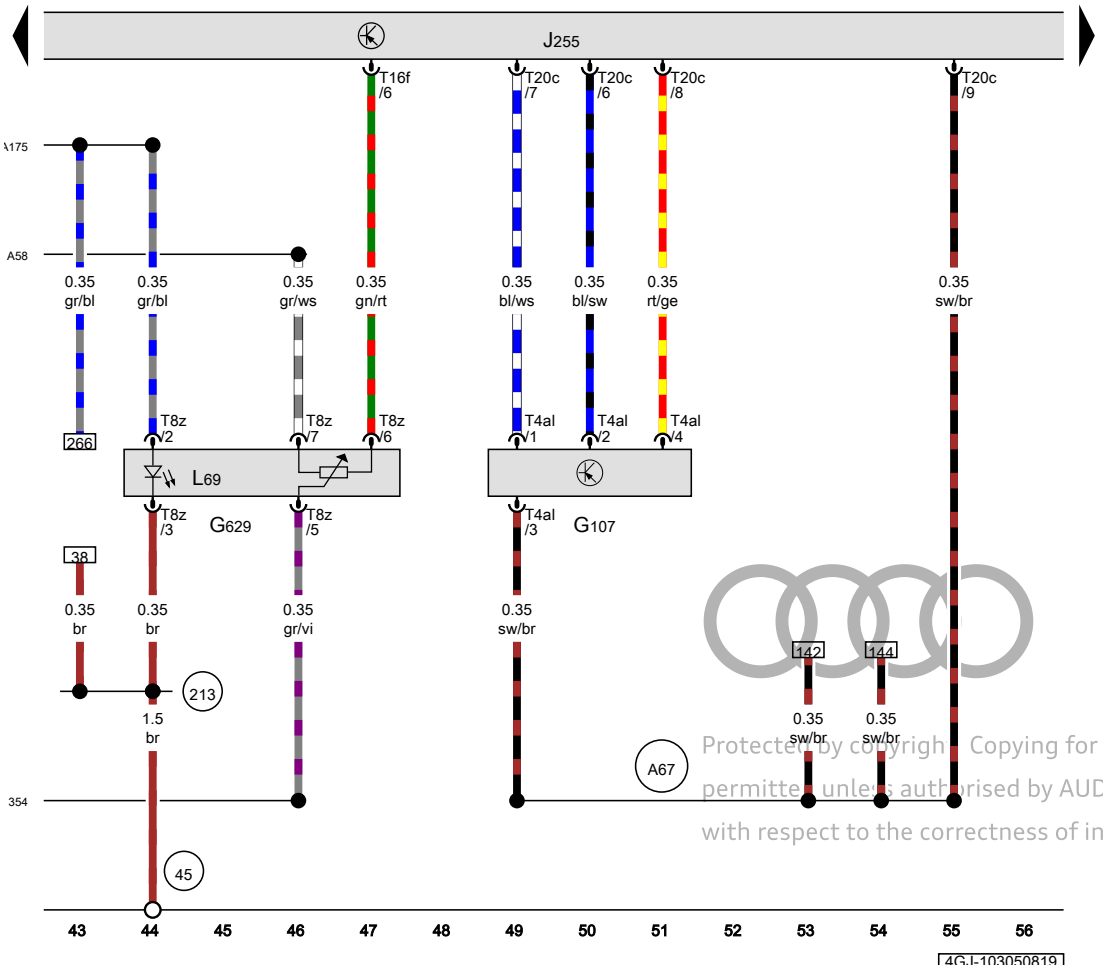


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Sunlight penetration photosensor, Potentiometer in right side vent, Climatronic control unit

G107	Sunlight penetration photosensor
G629	Potentiometer in right side vent
J255	Climatronic control unit
L69	Dash panel right vent illumination bulb
T4al	4-pin connector
T8z	8-pin connector
T16f	16-pin connector
T20c	20-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
354	Earth connection 6, in dash panel wiring harness
A58	Connection (5 volt), in dash panel wiring harness
A67	Connection (31, air conditioning system), in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness

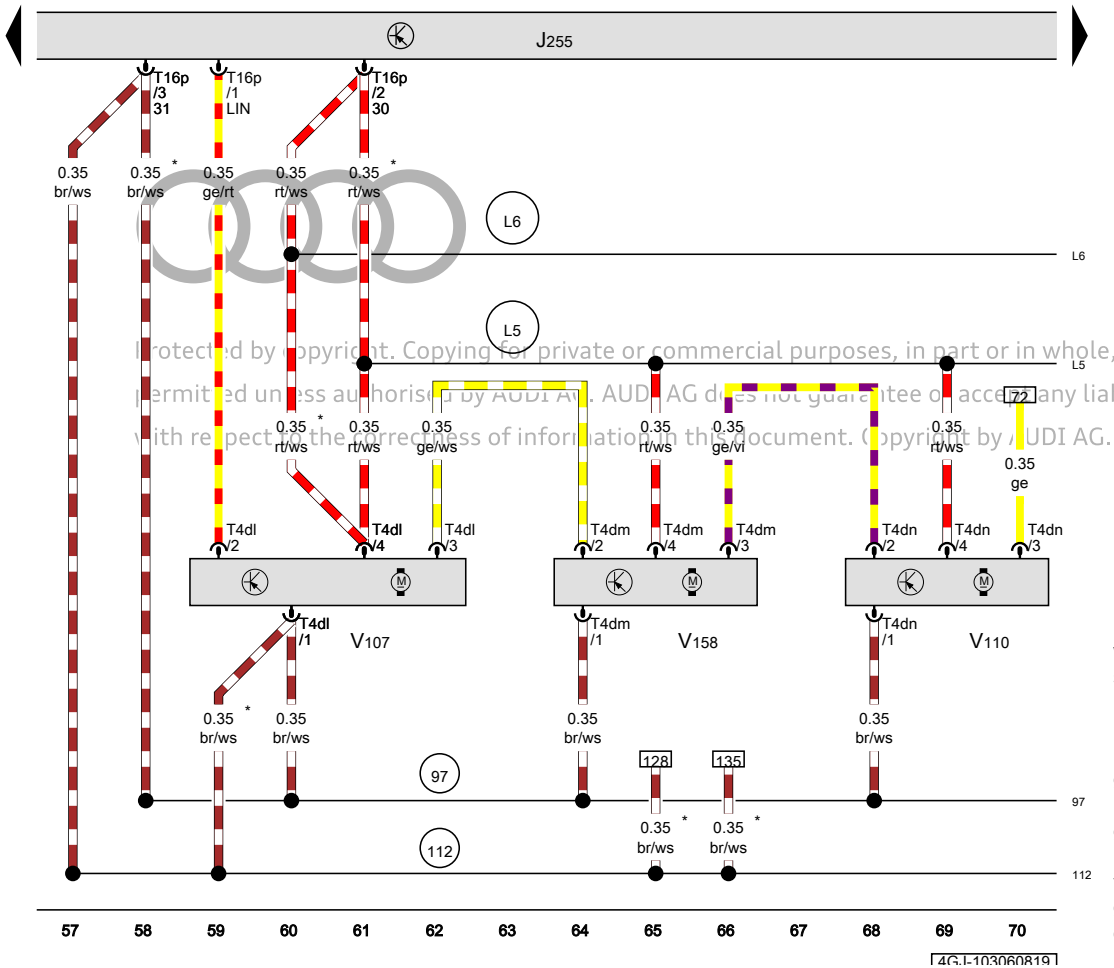


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Climatronic control unit, Defroster flap control motor, Left centre vent control motor, Left temperature flap control motor

J255	Climatronic control unit
T4dl	4-pin connector
T4dm	4-pin connector
T4dn	4-pin connector
T16p	16-pin connector
V107	Defroster flap control motor
V110	Left centre vent control motor
V158	Left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	For right-hand drive models

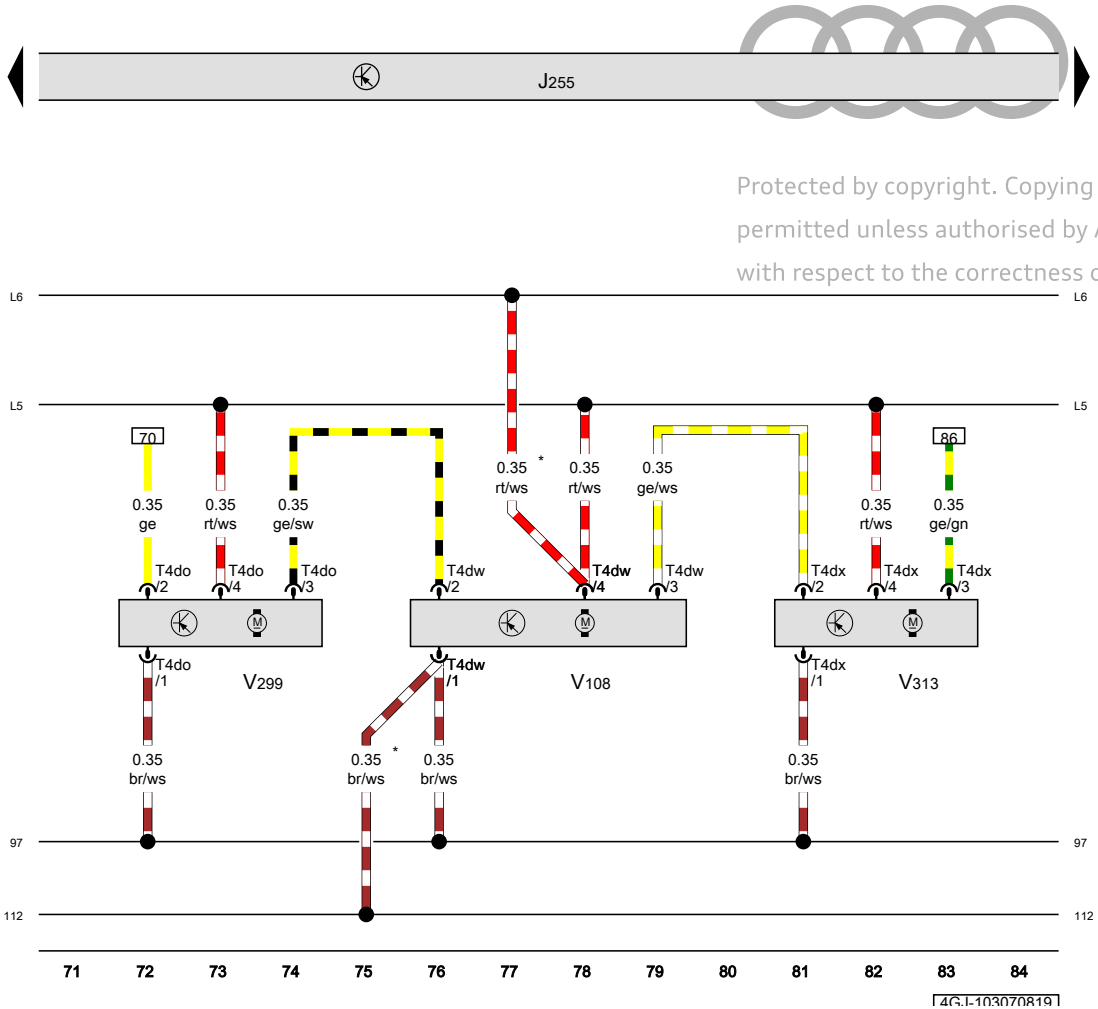


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Climatronic control unit, Left footwell flap control motor, Left side vent control motor, Rear left temperature flap control motor

J255	Climatronic control unit
T4do	4-pin connector
T4dw	4-pin connector
T4dx	4-pin connector
V108	Left footwell flap control motor
V299	Left side vent control motor
V313	Rear left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
*	For right-hand drive models

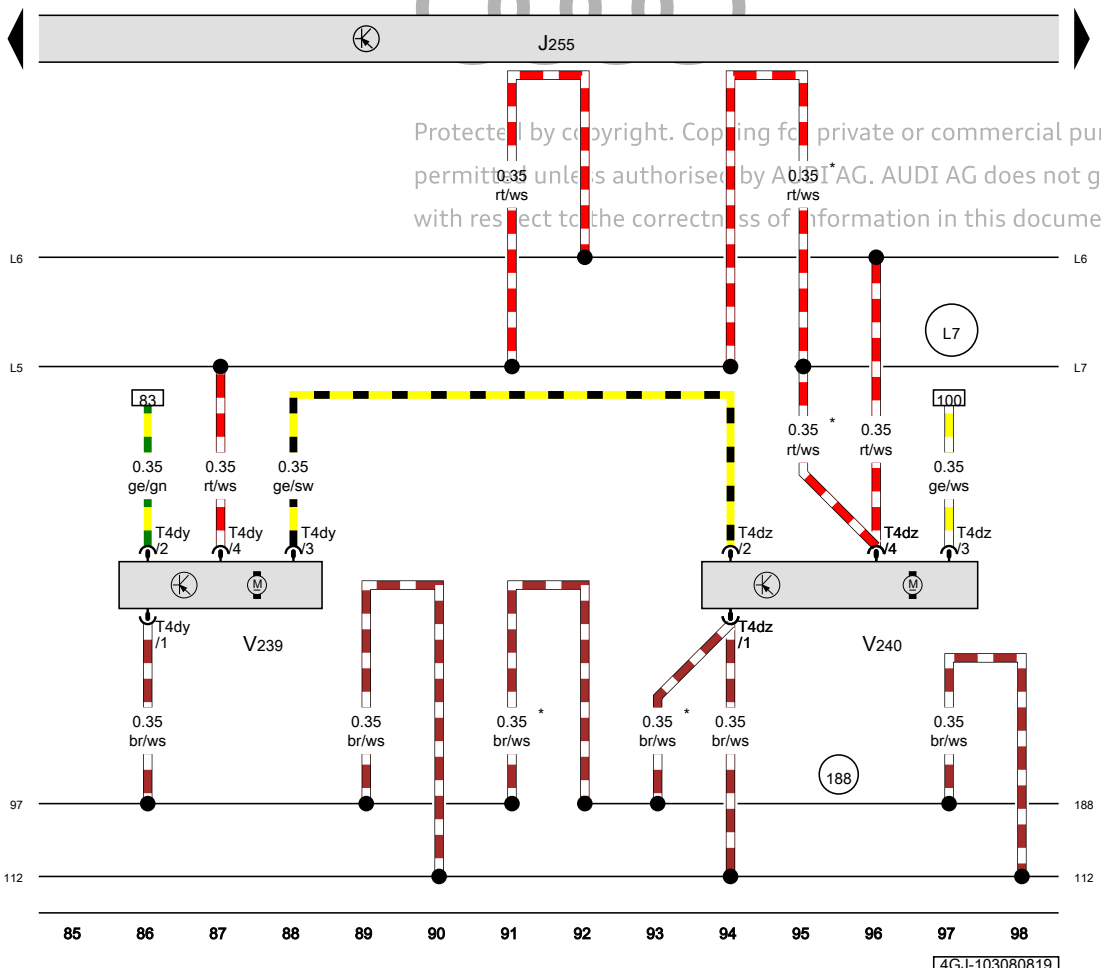


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Climatronic control unit, Rear left air quantity flap control motor, Rear right air quantity flap control motor

J255	Climatronic control unit
T4dy	4-pin connector
T4dz	4-pin connector
V239	Rear left air quantity flap control motor
V240	Rear right air quantity flap control motor
97	Earth connection 1, in air conditioning system wiring harness
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L5	Connection 1, in evaporator housing unit wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	For right-hand drive models

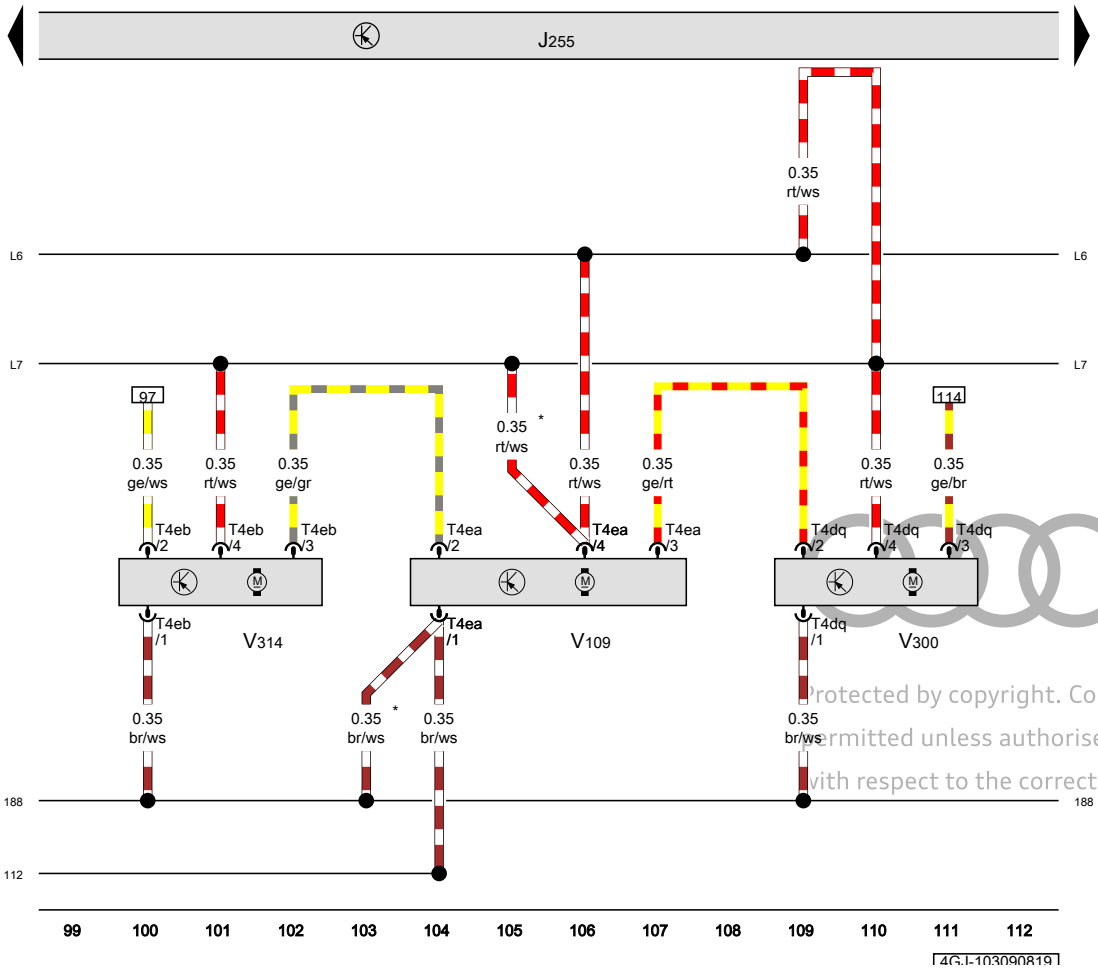


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Climatronic control unit, Right side vent control motor

J255	Climatronic control unit
T4dq	4-pin connector
T4ea	4-pin connector
T4eb	4-pin connector
V109	Right footwell flap control motor
V300	Right side vent control motor
V314	Rear right temperature flap control motor
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
*	For right-hand drive models

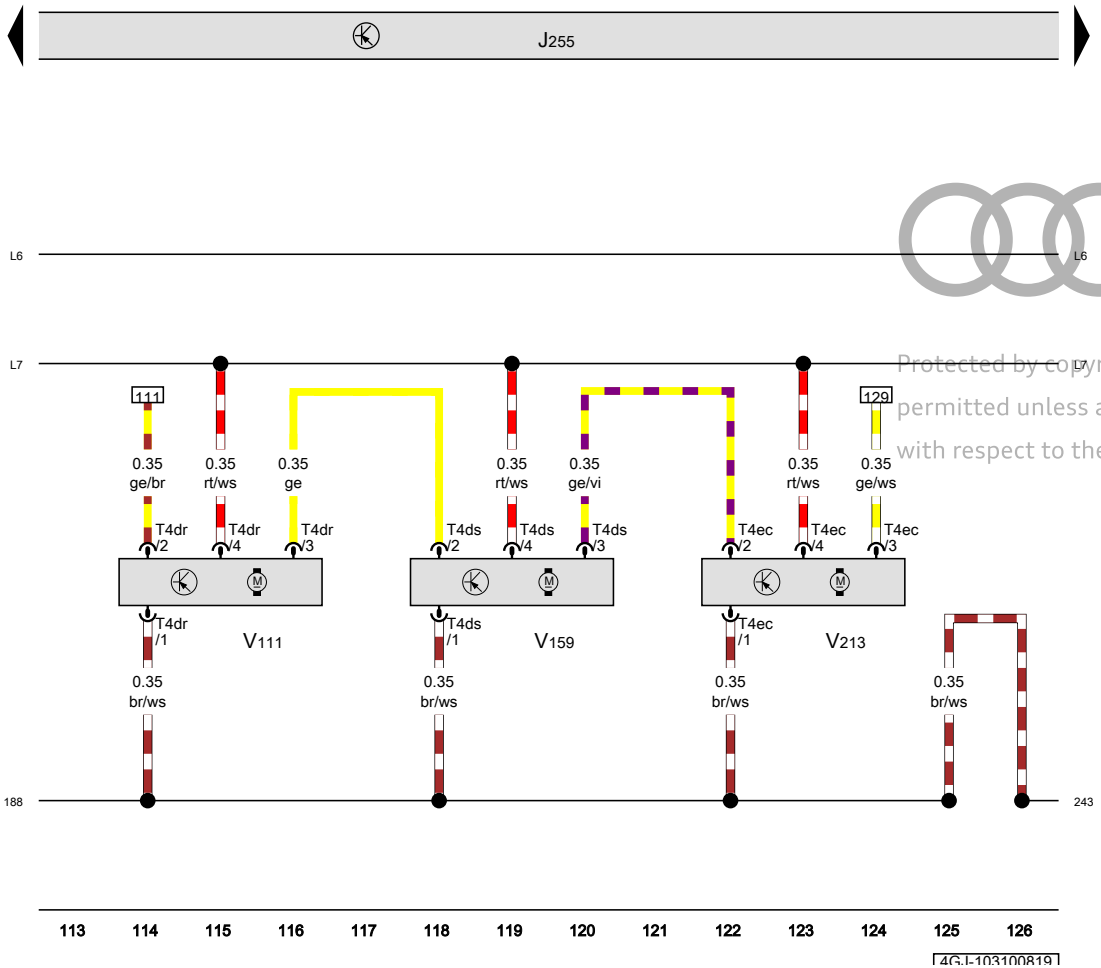


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Climatronic control unit, Right centre vent control motor, Right temperature flap control motor, Indirect ventilation flap control motor

J255	Climatronic control unit
T4dr	4-pin connector
T4ds	4-pin connector
T4ec	4-pin connector
V111	Right centre vent control motor
V159	Right temperature flap control motor
V213	Indirect ventilation flap control motor
188	Earth connection 3, in air conditioning system wiring harness
243	Earth connection 1, in Climatronic wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness

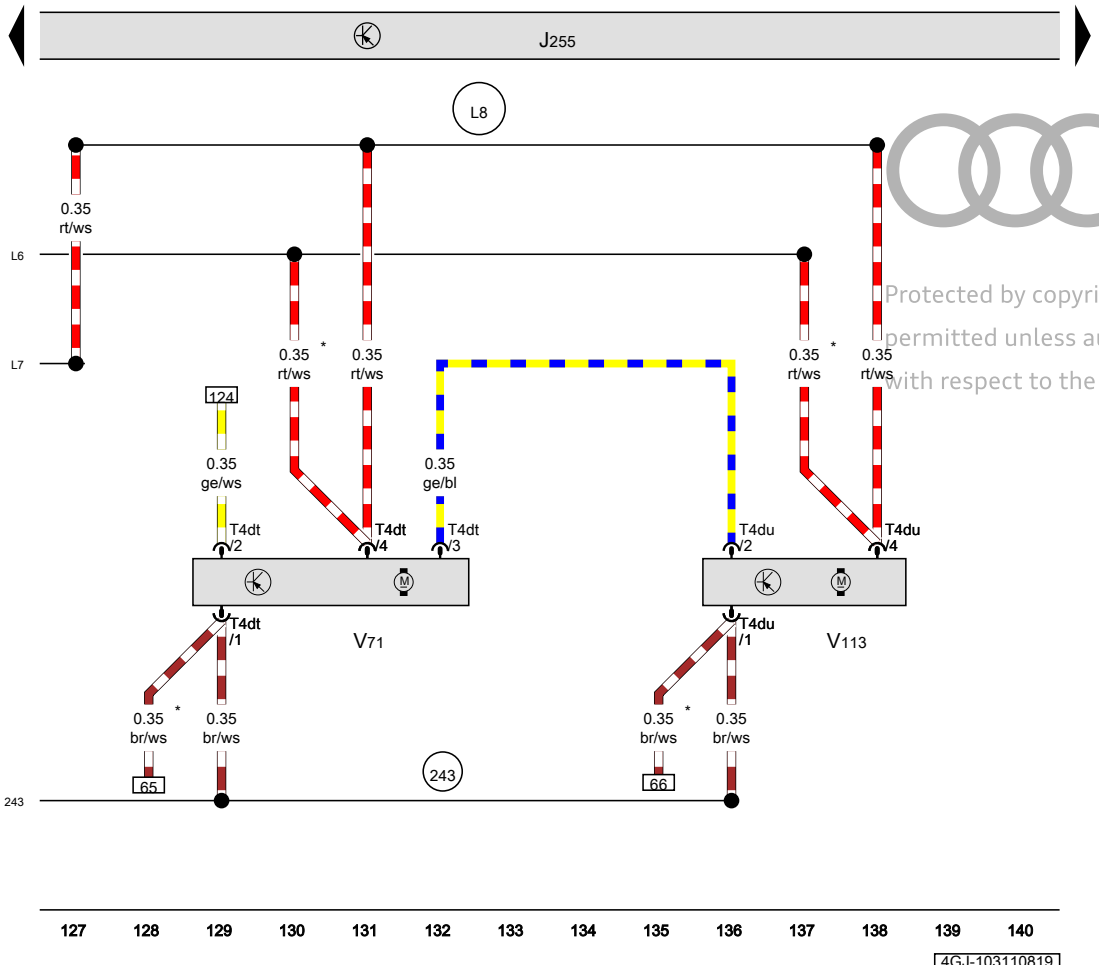


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Climatronic control unit, Air flow flap control motor, Air recirculation flap control motor

J255	Climatronic control unit
T4dt	4-pin connector
T4du	4-pin connector
V71	Air flow flap control motor
V113	Air recirculation flap control motor
243	Earth connection 1, in Climatronic wiring harness
L6	Connection 2, in evaporator housing unit wiring harness
L7	Connection 3, in evaporator housing unit wiring harness
L8	Connection 4, in evaporator housing unit wiring harness
*	For right-hand drive models



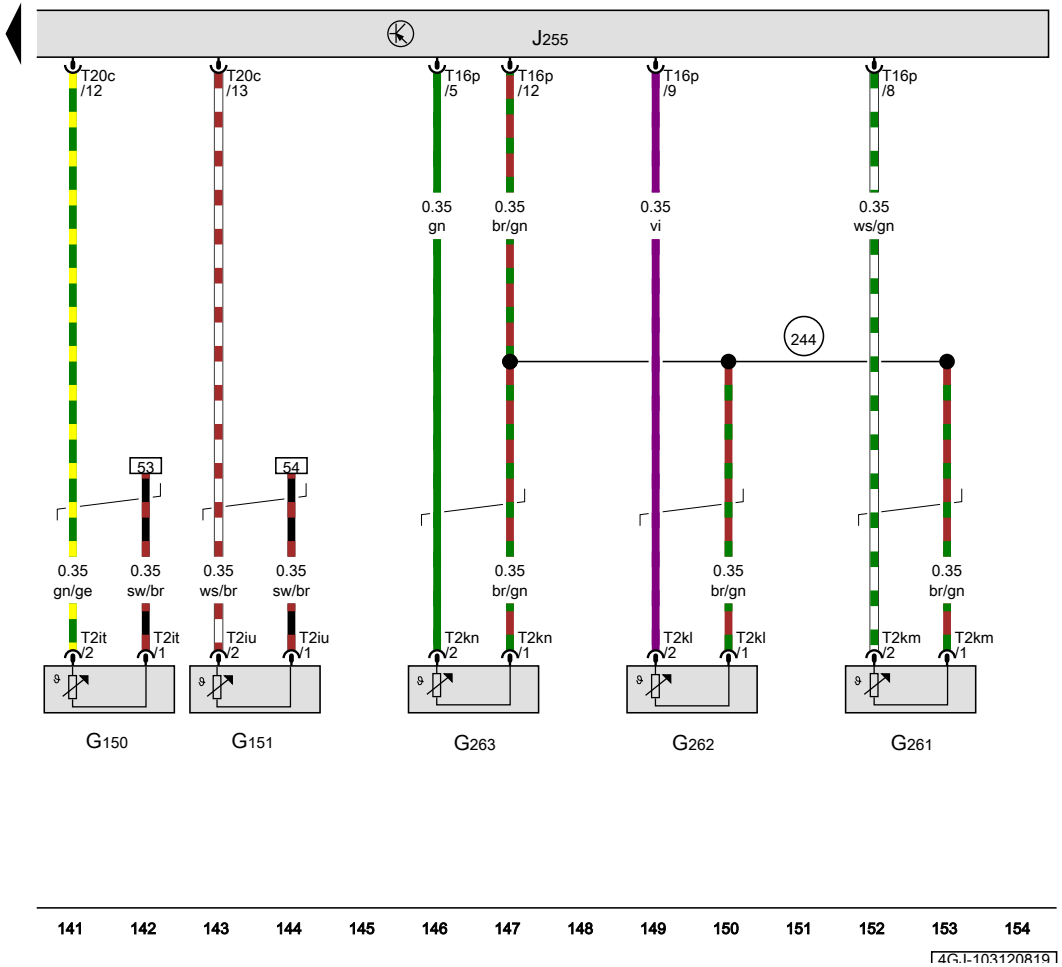
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Left vent temperature sender, Left footwell vent temperature sender, Evaporator output temperature sender, Climatronic control unit

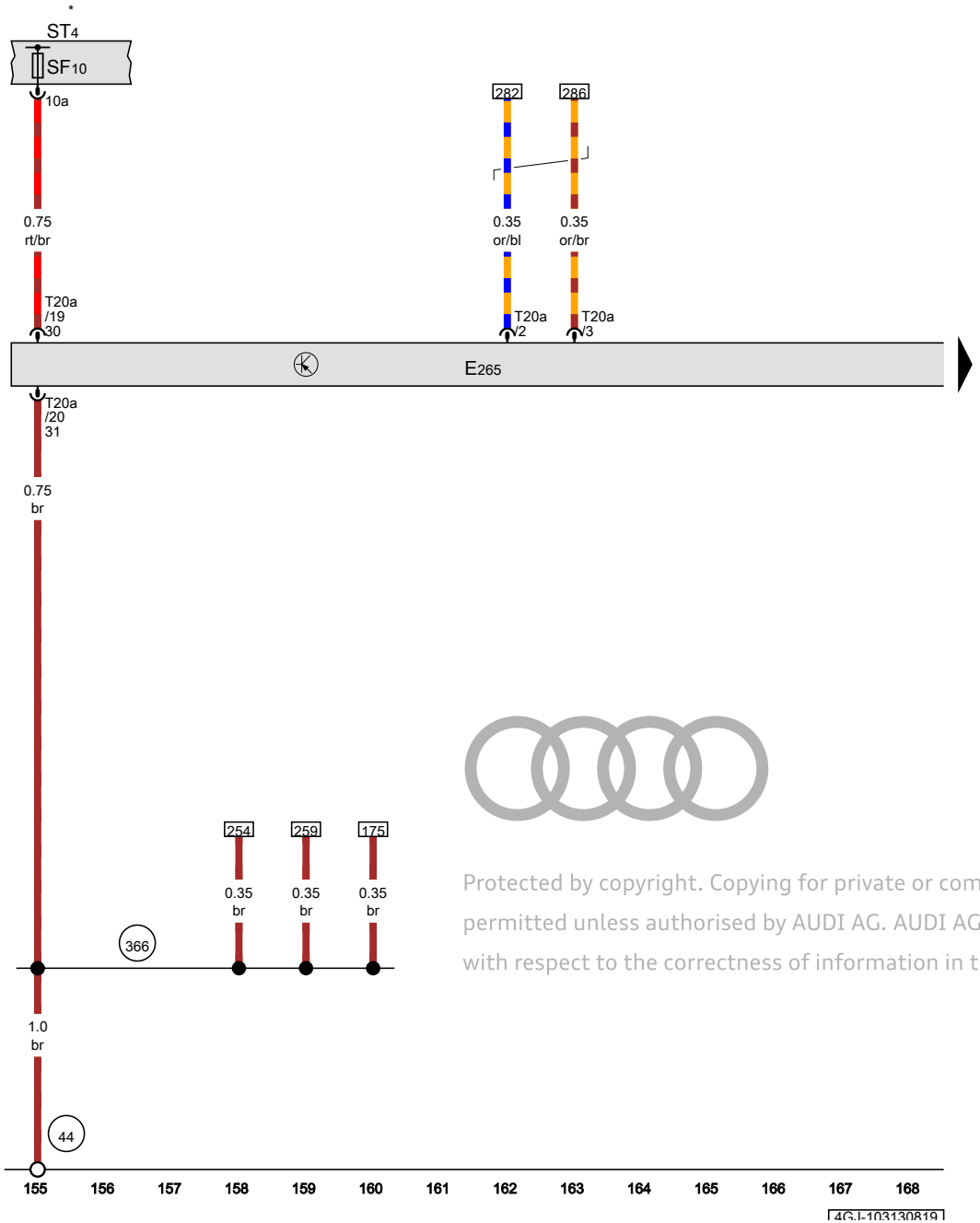
G150	Left vent temperature sender
G151	Right vent temperature sender
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T2it	2-pin connector
T2iu	2-pin connector
T2kl	2-pin connector
T2km	2-pin connector
T2kn	2-pin connector
T16p	16-pin connector
T20c	20-pin connector
244	Earth connection (sender earth), in Climatronic wiring harness



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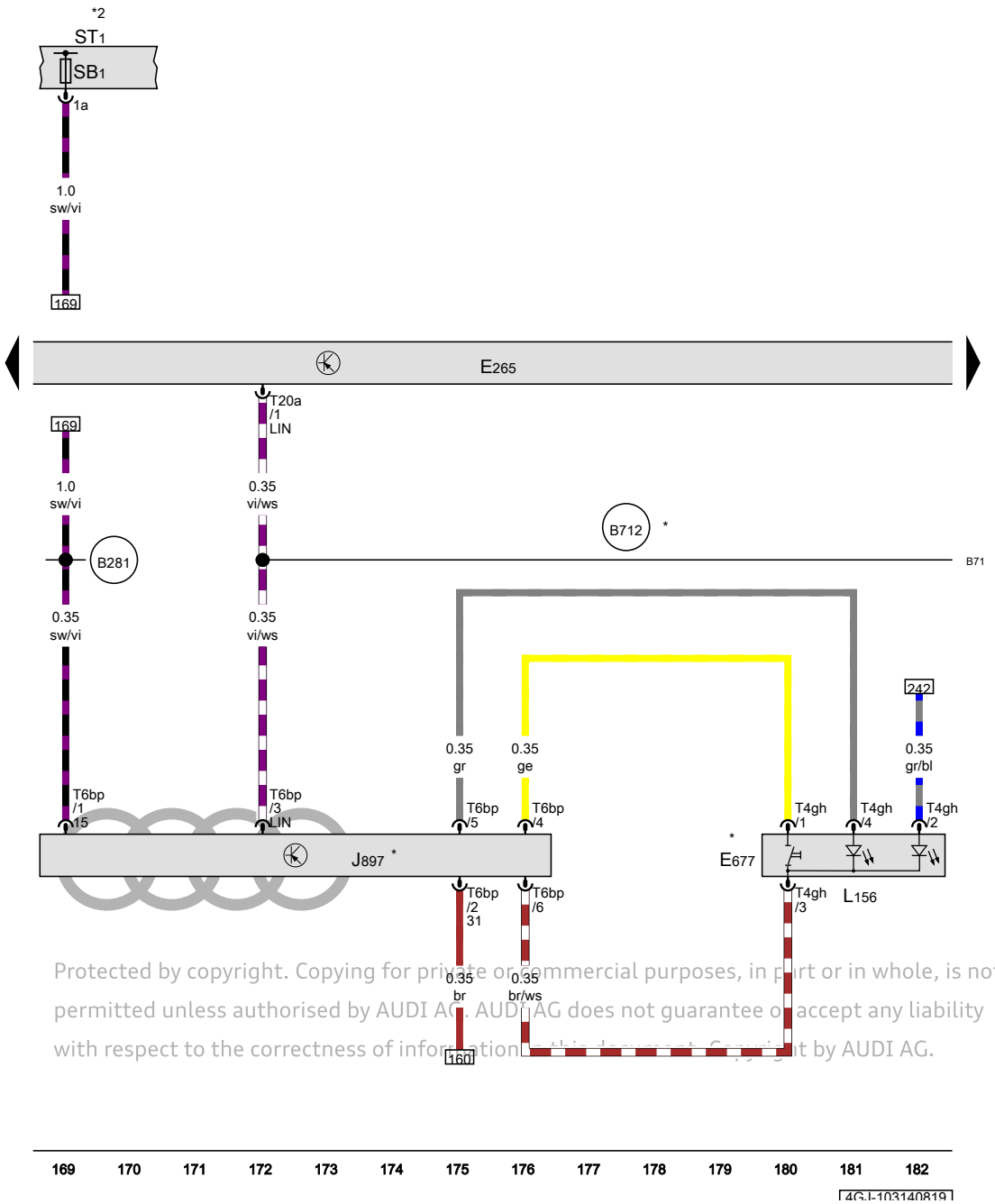
Operating and display unit for rear air conditioning system

E265	Operating and display unit for rear air conditioning system
ST4	Fuse carrier 4
SF10	Fuse 10 in fuse holder F
T20a	20-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
*	see applicable current flow diagram for fuse assignment



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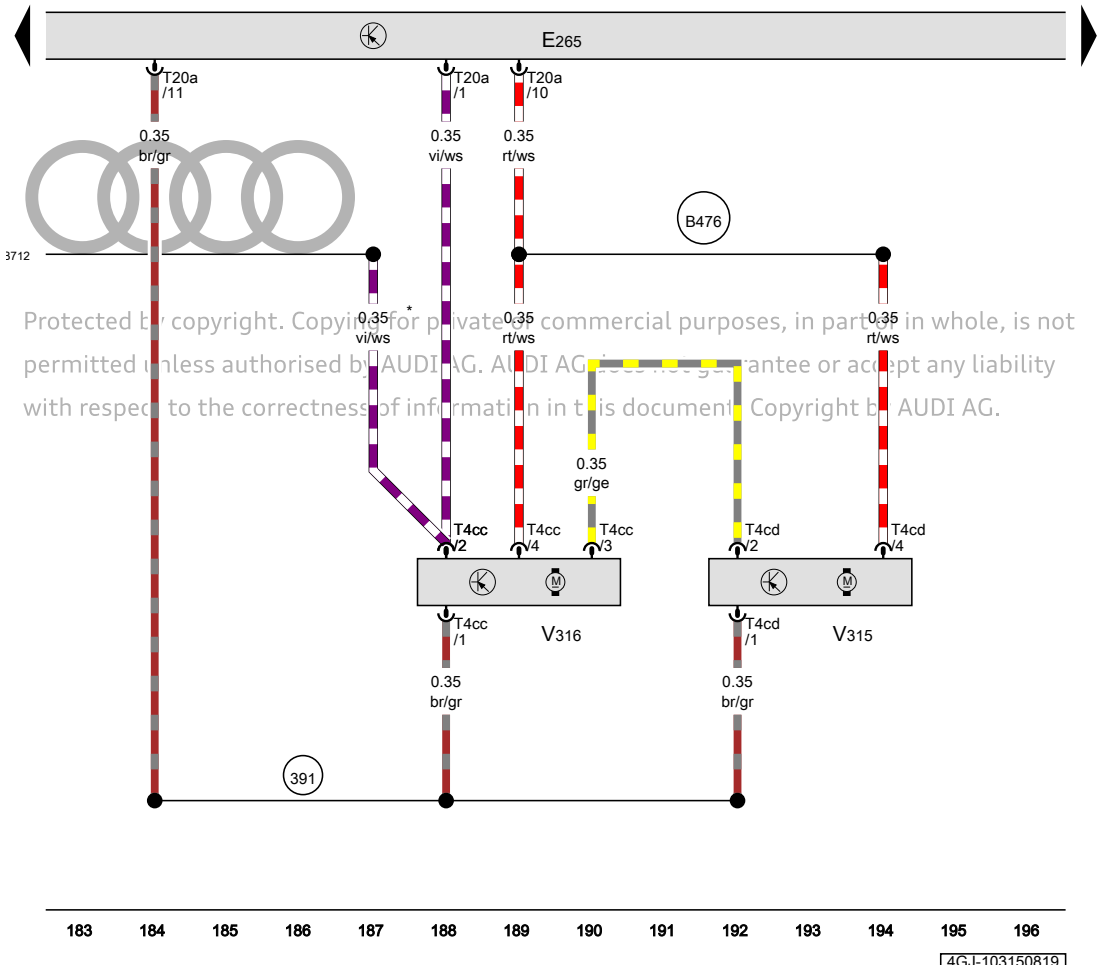
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Operating and display unit for rear air conditioning system, Ioniser button, Ioniser control unit

E265	Operating and display unit for rear air conditioning system
E677	Ioniser button, on right B-pillar
J897	Ioniser control unit
L156	Switch illumination bulb
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
T4gh	4-pin connector, black
T6bp	6-pin connector
T20a	20-pin connector
B281	Positive connection 5 (15a) in main wiring harness
B712	Connection 7 (LIN bus) in main wiring harness
*	For models with equipment for China
*2	see applicable current flow diagram for fuse assignment

Operating and display unit for rear air conditioning system, Rear left chest vent control motor, Rear right chest vent control motor

E265	Operating and display unit for rear air conditioning system
T4cc	4-pin connector
T4cd	4-pin connector
T20a	20-pin connector
V315	Rear left chest vent control motor
V316	Rear right chest vent control motor
391	Earth connection 26, in main wiring harness
B476	Connection 12, in main wiring harness
B712	Connection 7 (LIN bus) in main wiring harness
*	For models with equipment for China

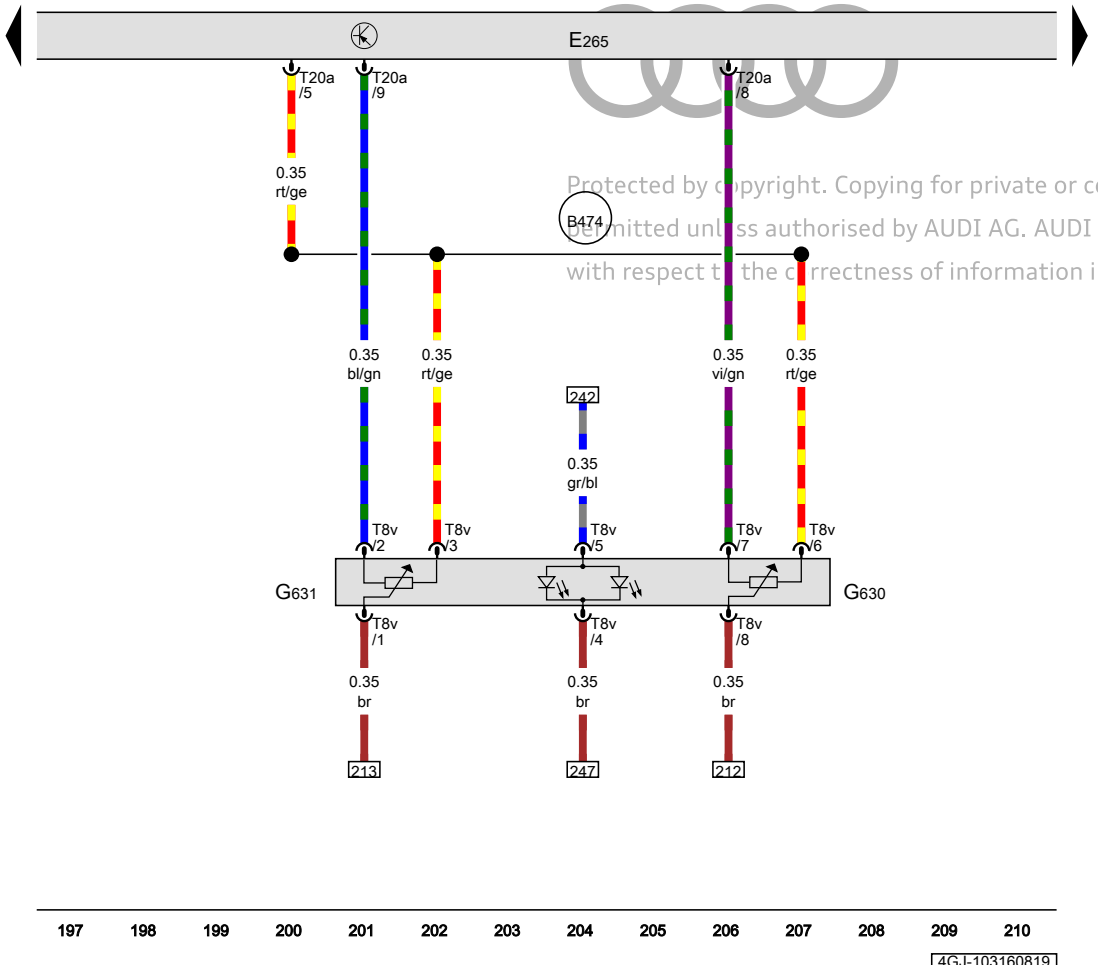


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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Operating and display unit for rear air conditioning system, Potentiometer in rear left chest vent, Potentiometer in rear right chest vent

E265	Operating and display unit for rear air conditioning system
G630	Potentiometer in rear left chest vent
G631	Potentiometer in rear right chest vent
T8v	8-pin connector
T20a	20-pin connector
B474	Connection 10, in main wiring harness

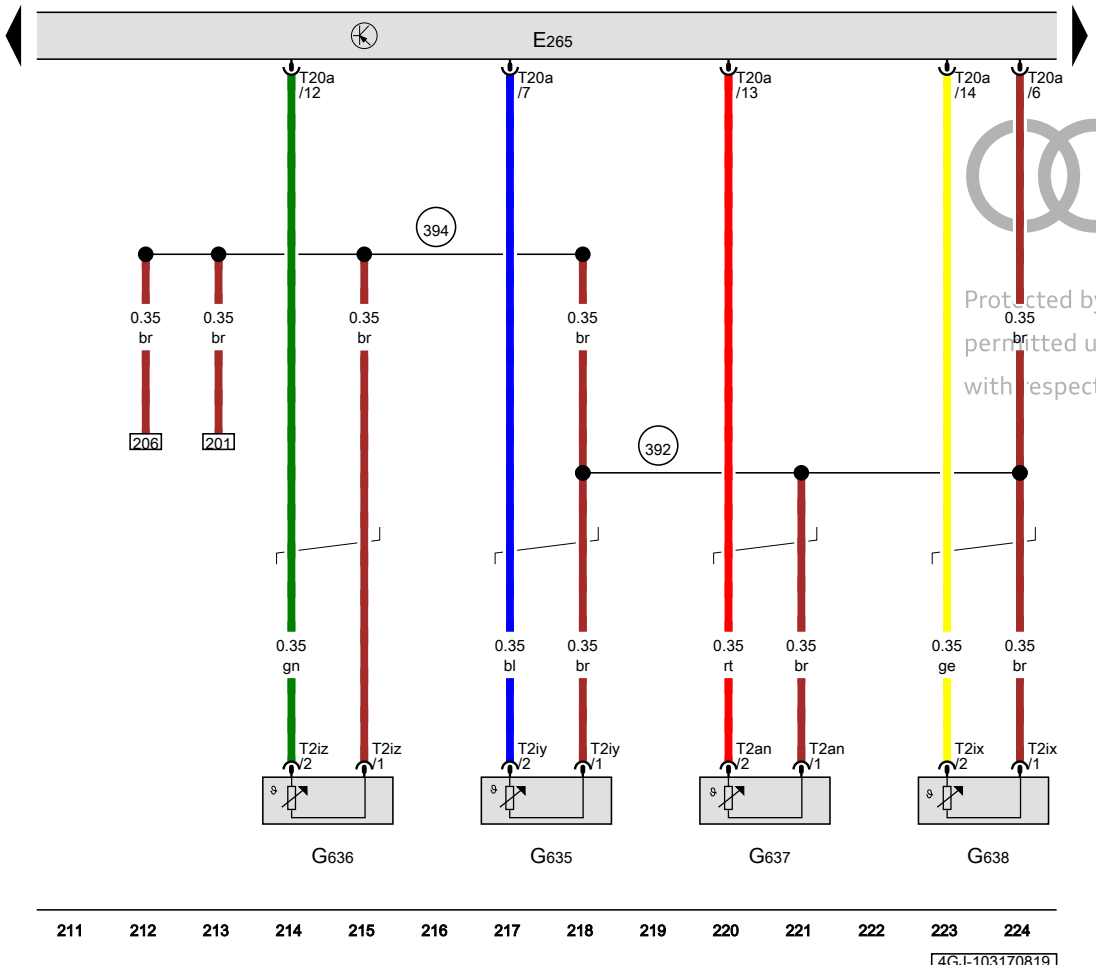


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rs	=	pink

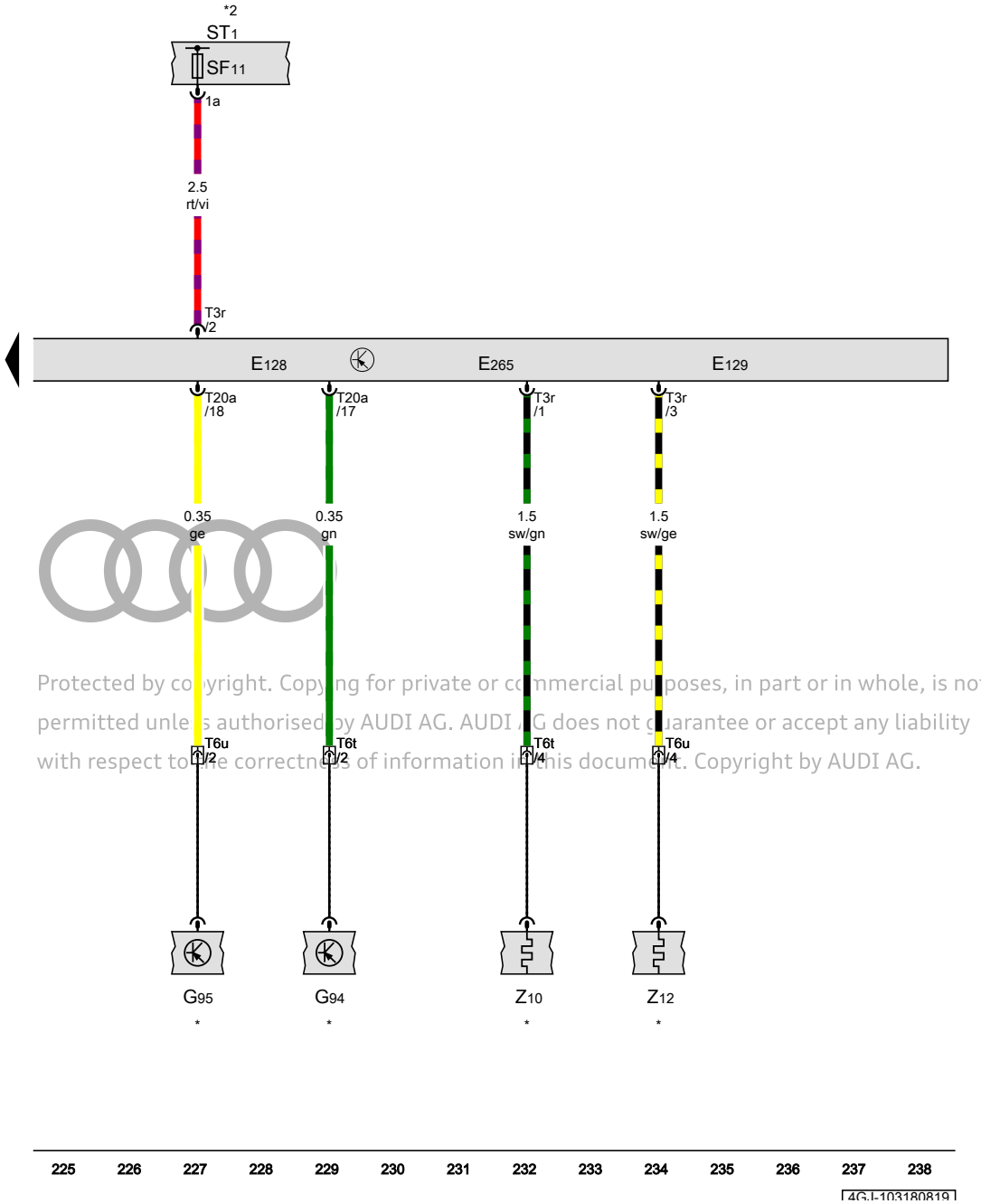
Operating and display unit for rear air conditioning system, Rear left chest vent temperature sender, Vent temperature sender for rear left footwell

E265	Operating and display unit for rear air conditioning system
G635	Rear left chest vent temperature sender
G636	Rear right chest vent temperature sender
G637	Vent temperature sender for rear left footwell
G638	Vent temperature sender for rear right footwell
T2an	2-pin connector
T2ix	2-pin connector
T2iy	2-pin connector
T2iz	2-pin connector
T20a	20-pin connector
392	Earth connection 27, in main wiring harness
394	Earth connection 29, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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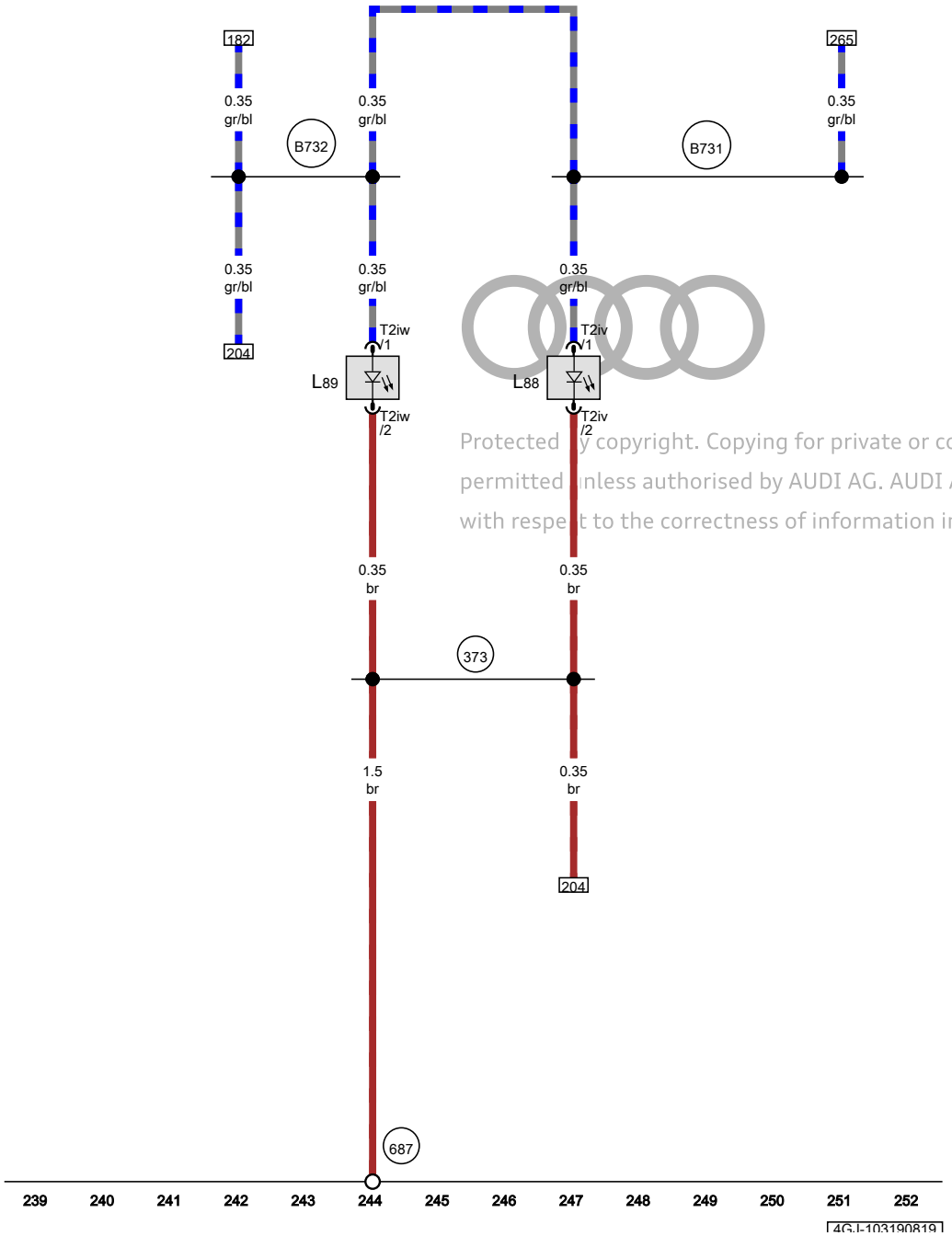


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Heated rear left seat switch with regulator, Heated rear right seat switch with regulator, Operating and display unit for rear air conditioning system

E128	Heated rear left seat switch with regulator
E129	Heated rear right seat switch with regulator
E265	Operating and display unit for rear air conditioning system
G94	Rear left seat temperature sensor
G95	Rear right seat temperature sensor
ST1	Fuse carrier 1
SF11	Fuse 11 in fuse holder F
T3r	3-pin connector
T6t	6-pin connector, in coupling point for rear seat, left
T6u	6-pin connector, in coupling point for rear seat, right
T20a	20-pin connector
Z10	Heated bench seat cushion for rear left seat
Z12	Heated bench seat cushion for rear right seat
*	see applicable current flow diagram for seat heating
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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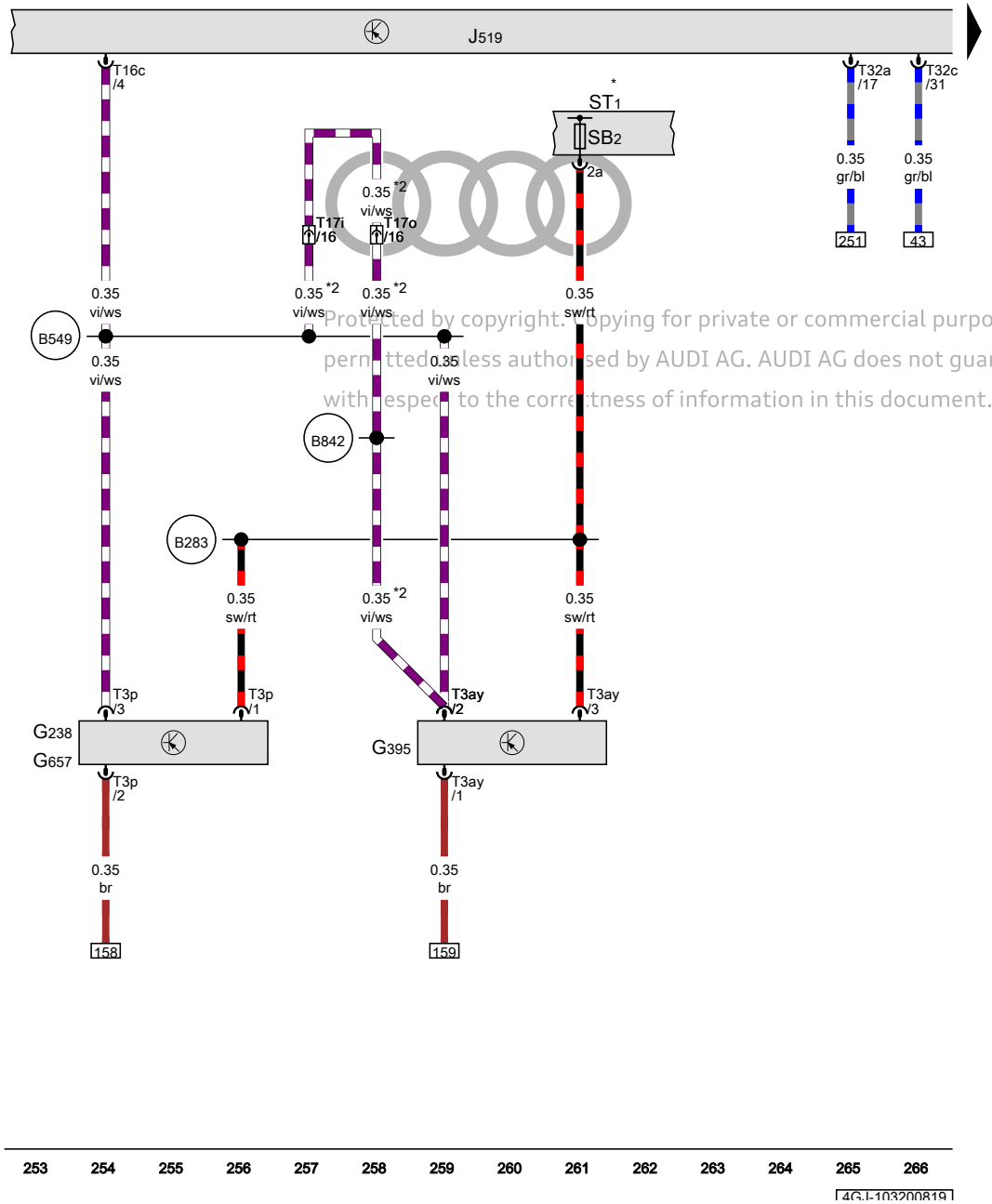


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Rear left vent illumination bulb, Rear right vent illumination bulb

L88	Rear left vent illumination bulb
L89	Rear right vent illumination bulb
T2iv	2-pin connector
T2iw	2-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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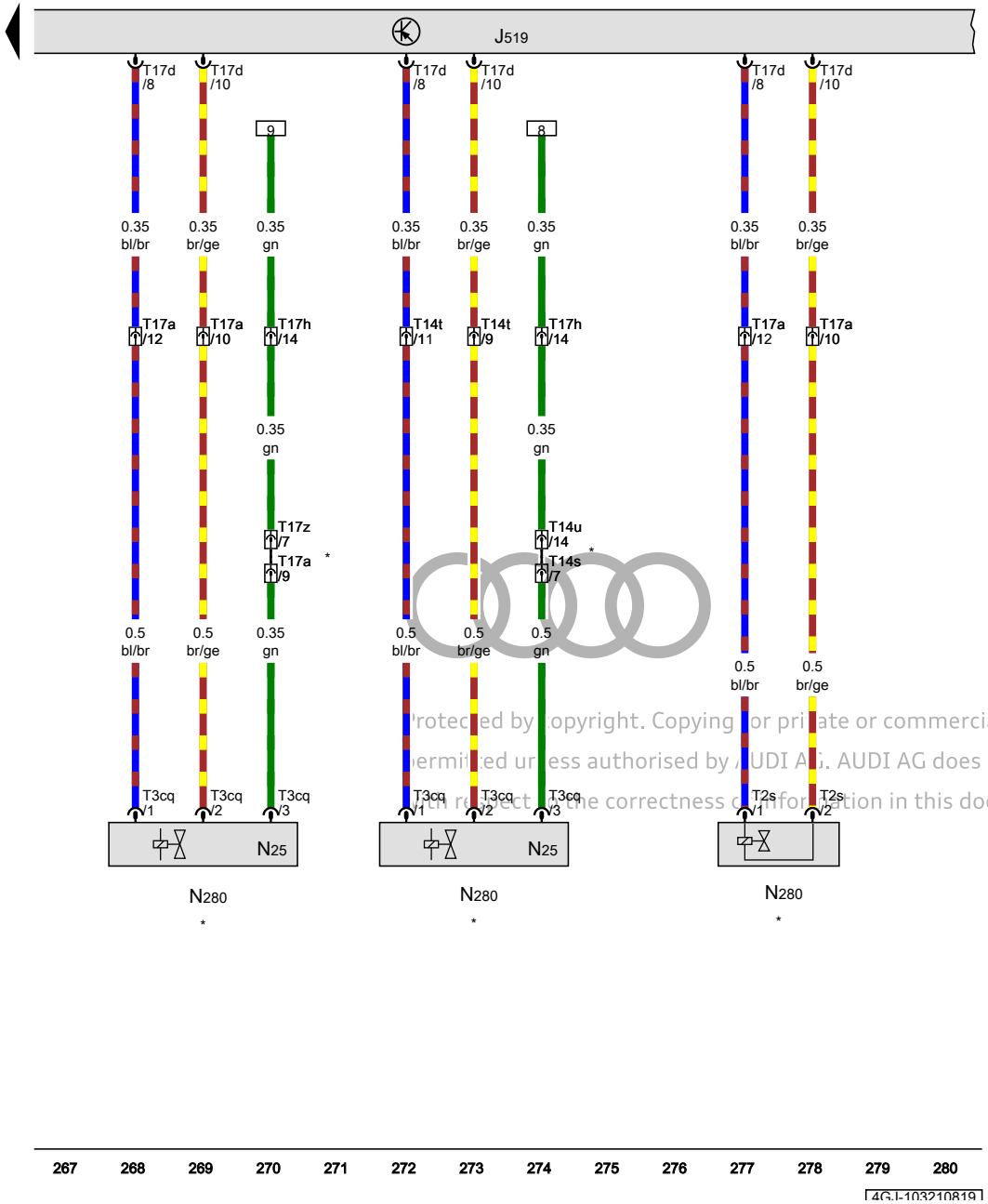
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Air quality sensor, Refrigerant pressure and temperature sender, Humidity sender in fresh air intake duct, Onboard supply control unit

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J519	Onboard supply control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T16c	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T32a	32-pin connector
T32c	32-pin connector
B283	Positive connection 7 (15a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B842	Connection 8 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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Onboard supply control unit, Air conditioner compressor regulating valve



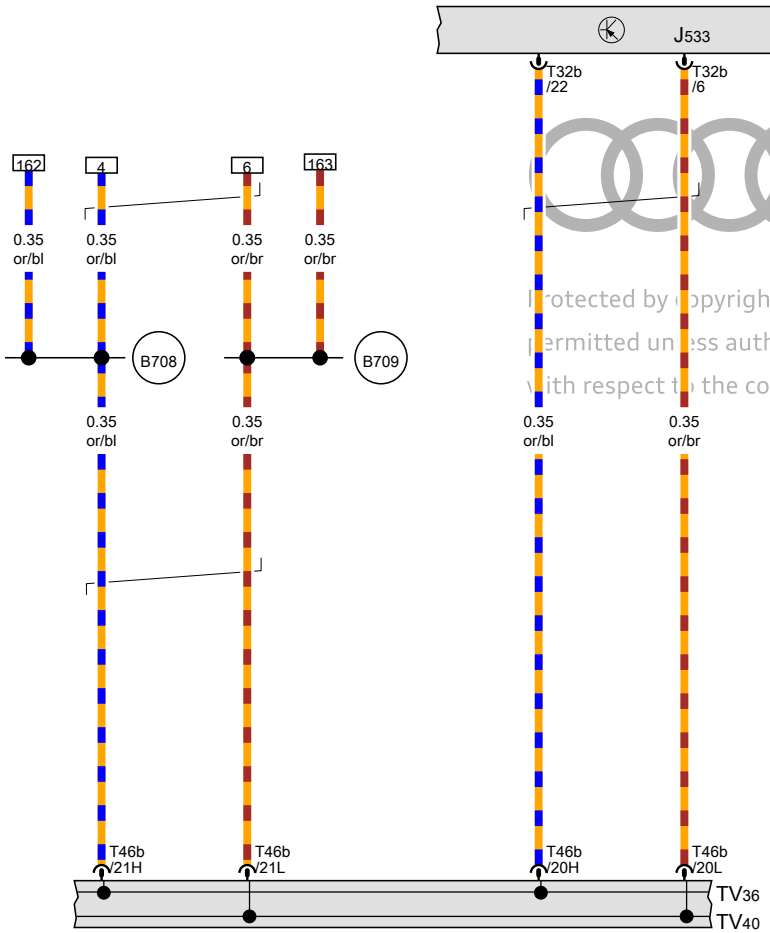
J519	Onboard supply control unit
N25	Air conditioning system magnetic clutch
N280	Air conditioner compressor regulating valve
T2s	2-pin connector
T3cq	3-pin connector
T14s	14-pin connector, Coupling station, E-box on left in plenum chamber, brown
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17d	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Data bus diagnostic interface, Wiring junction for dash panel insert CAN bus, high

J533	Data bus diagnostic interface
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV40	Wiring junction for dash panel insert CAN bus, low
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



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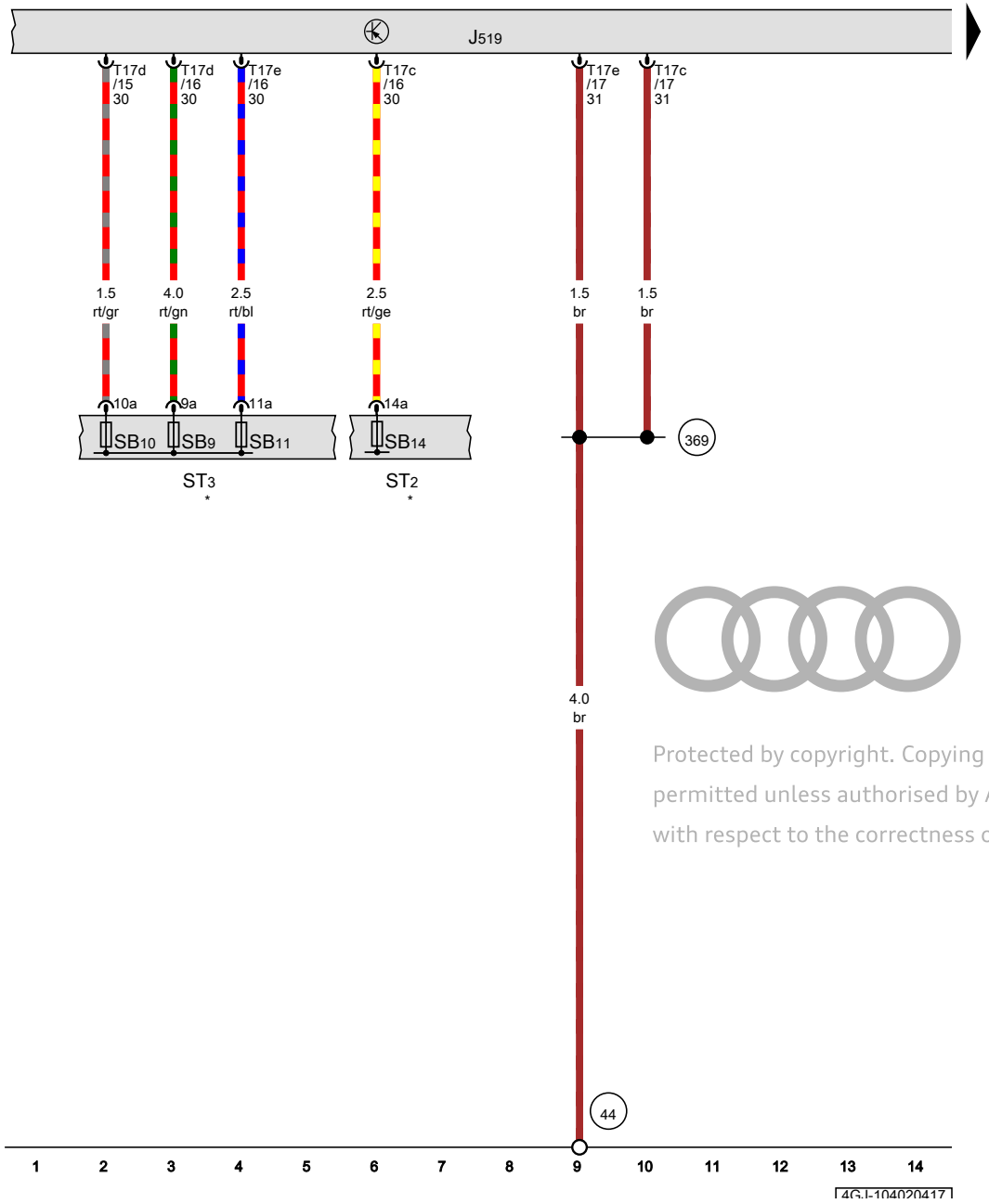
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Parking aid (PDC) , (7X2)

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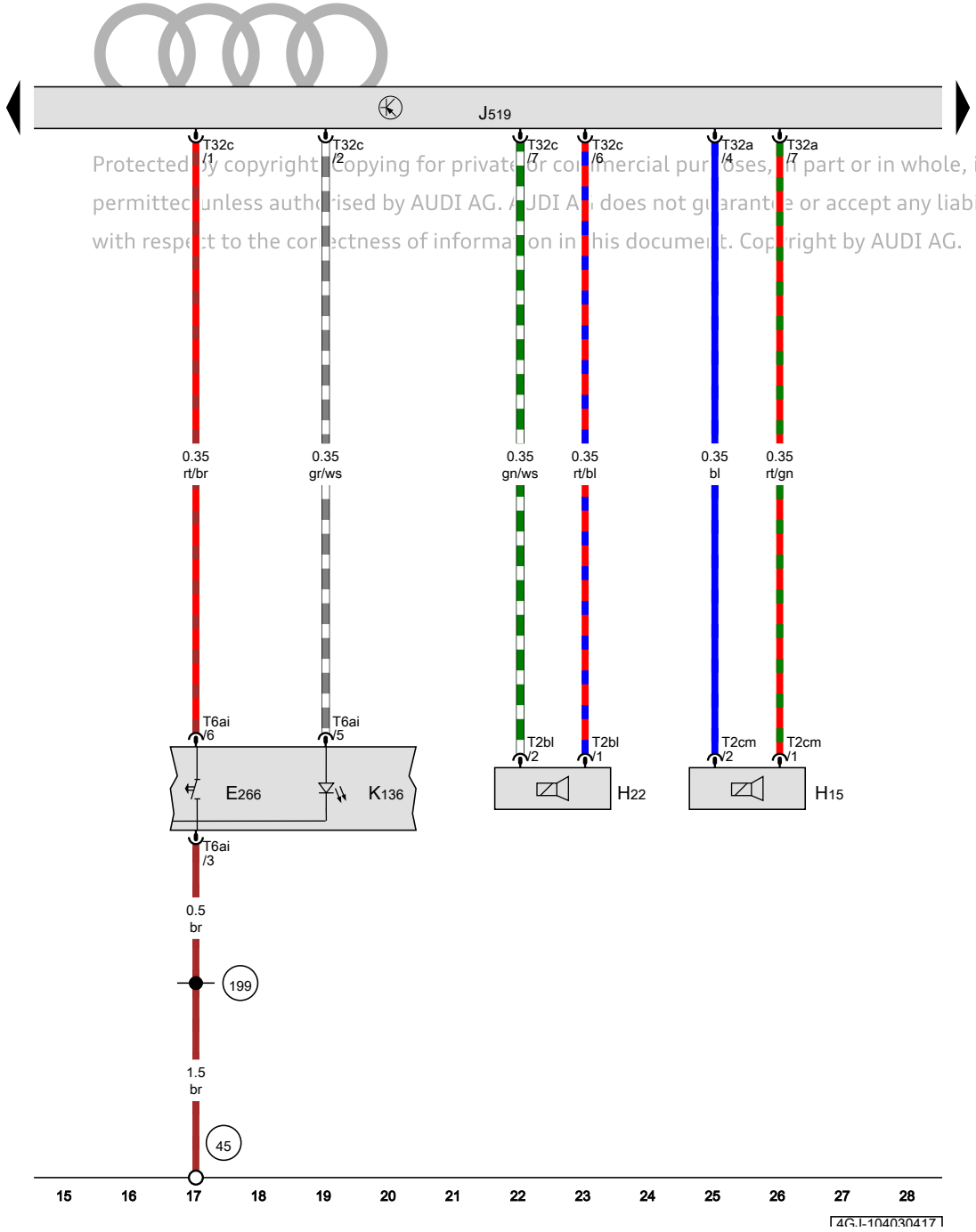


Onboard supply control unit

J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17c	17-pin connector
T17d	17-pin connector
T17e	17-pin connector
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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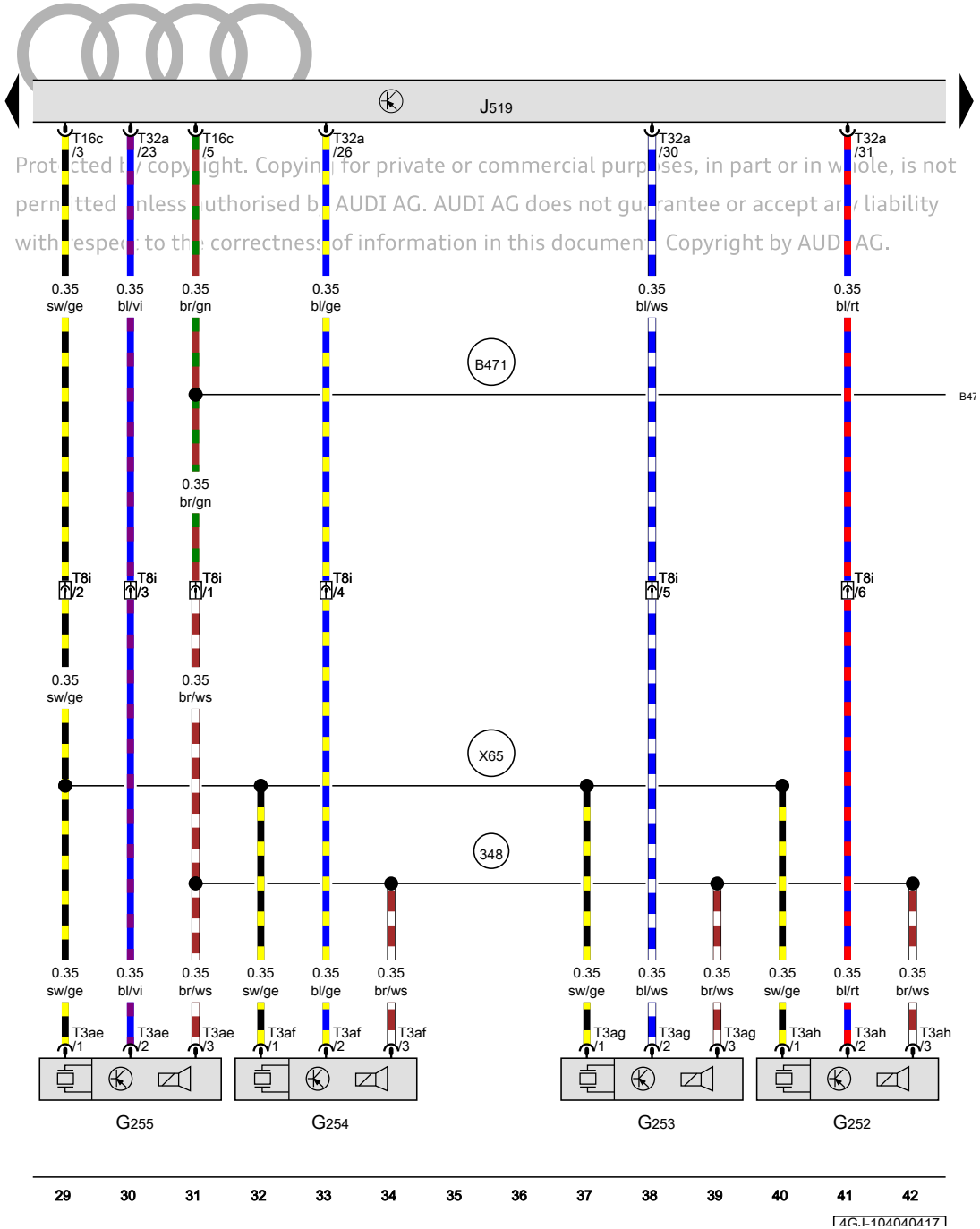


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Parking aid button, Rear parking aid warning buzzer, Front parking aid warning buzzer, Onboard supply control unit, Parking aid warning lamp

E266	Parking aid button
H15	Rear parking aid warning buzzer
H22	Front parking aid warning buzzer
J519	Onboard supply control unit
K136	Parking aid warning lamp
T2bl	2-pin connector
T2cm	2-pin connector
T6ai	6-pin connector
T32a	32-pin connector
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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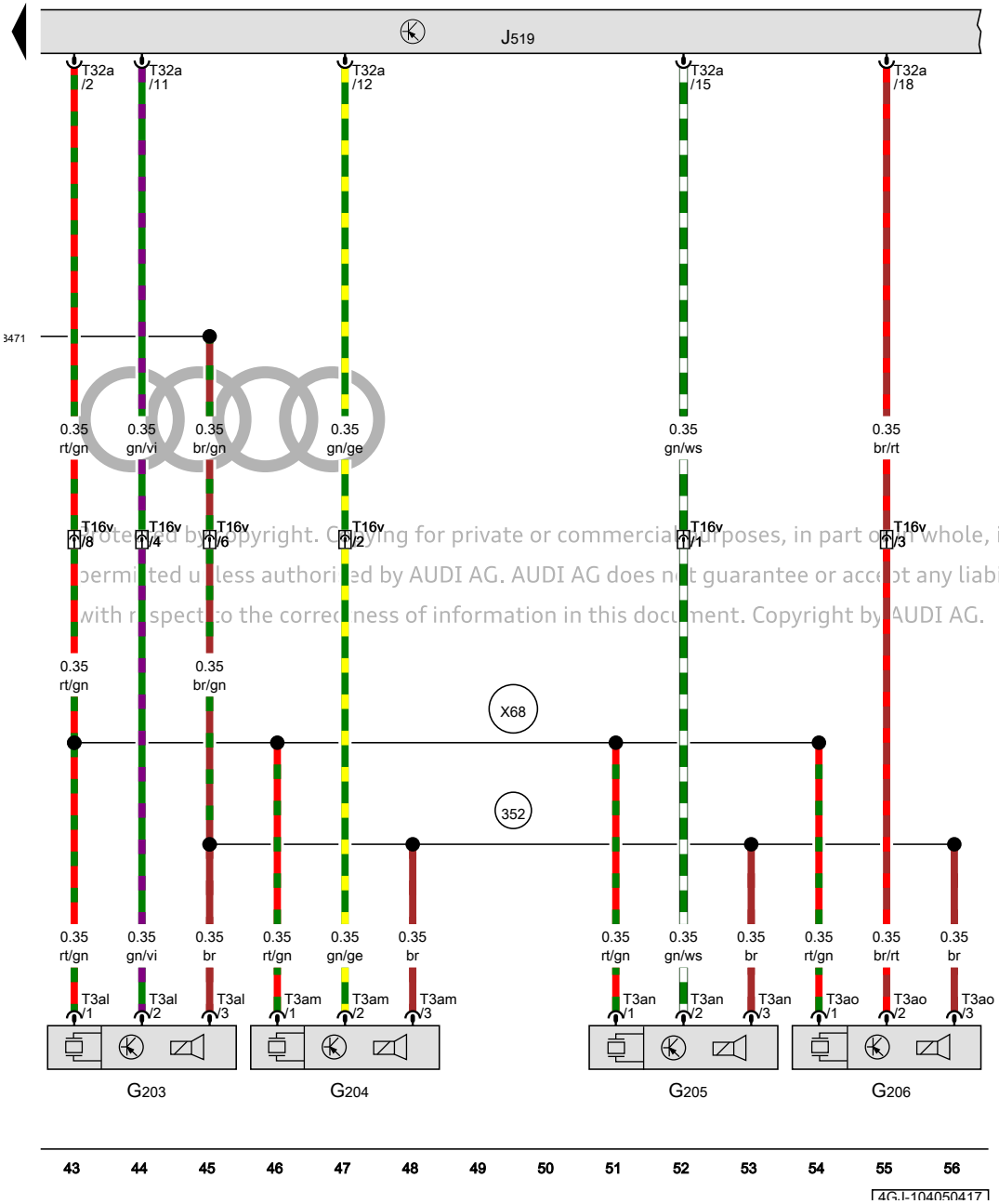


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Front right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Onboard supply control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
J519	Onboard supply control unit
T3ae	3-pin connector
T3af	3-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T8i	8-pin connector, behind front bumper on left
T16c	16-pin connector
T32a	32-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
B471	Connection 7, in main wiring harness
X65	Connection (parking aid), in front bumper wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Rear centre left parking aid sender, Rear right parking aid sender, Onboard supply control unit

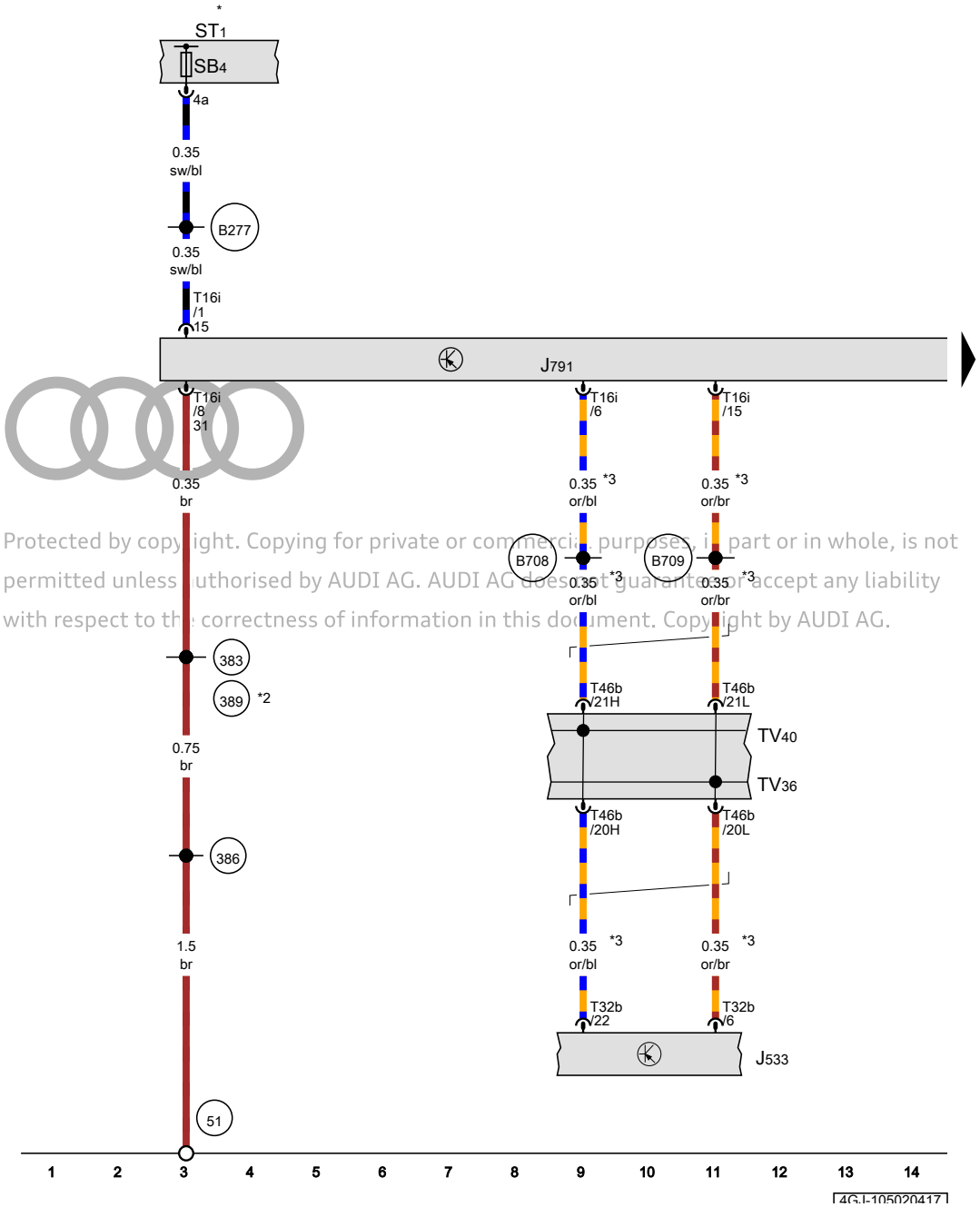
G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
J519	Onboard supply control unit
T3al	3-pin connector
T3am	3-pin connector
T3an	3-pin connector
T3ao	3-pin connector
T16v	16-pin connector, behind rear bumper on right, brown
T32a	32-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
B471	Connection 7, in main wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness

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gn	=	green
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gr	=	grey
li	=	purple
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Parking aid (PDC) with park assist steering (Park Assist) , (7X5)

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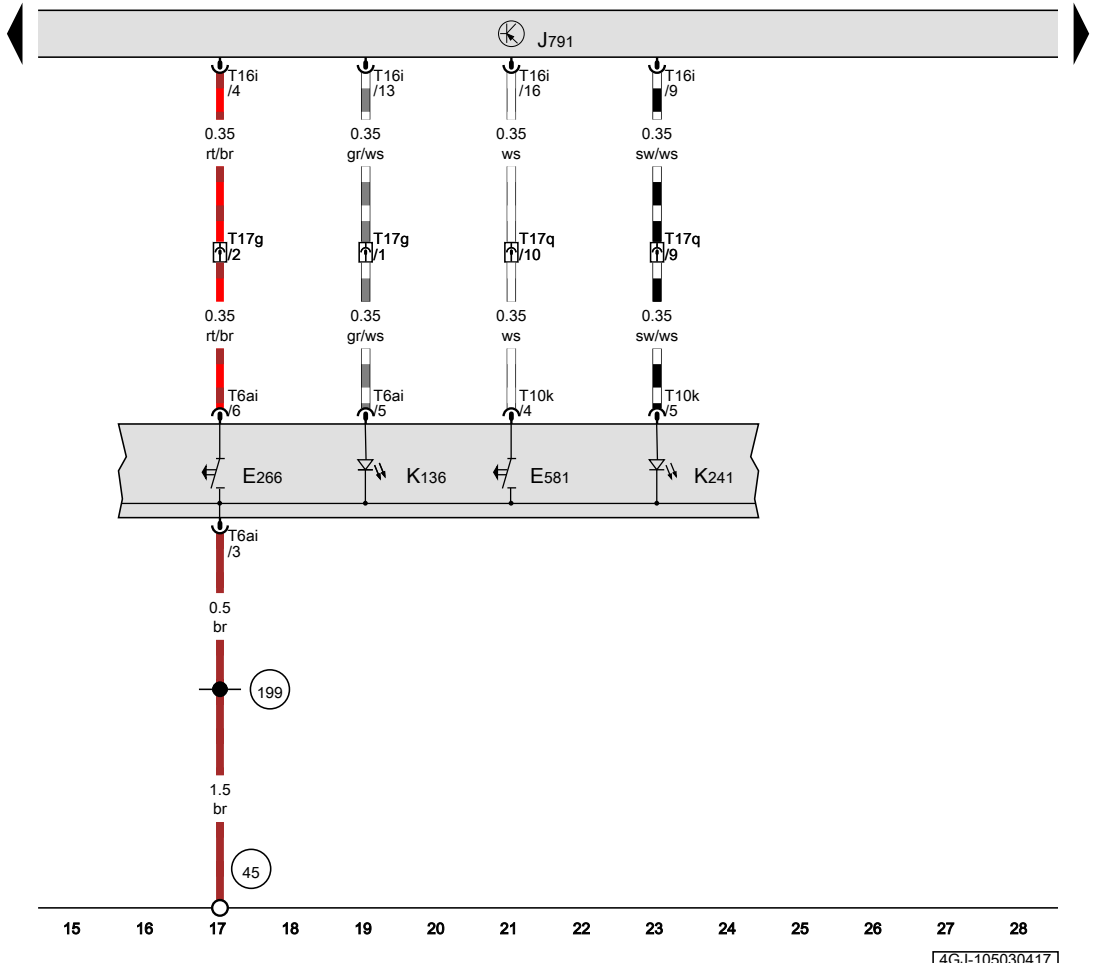
Data bus diagnostic interface, Park assist steering control unit

J533	Data bus diagnostic interface
J791	Park assist steering control unit
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
T16i	16-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
389	Earth connection 24, in main wiring harness
B277	Positive connection 1 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Data bus wire (CAN bus)

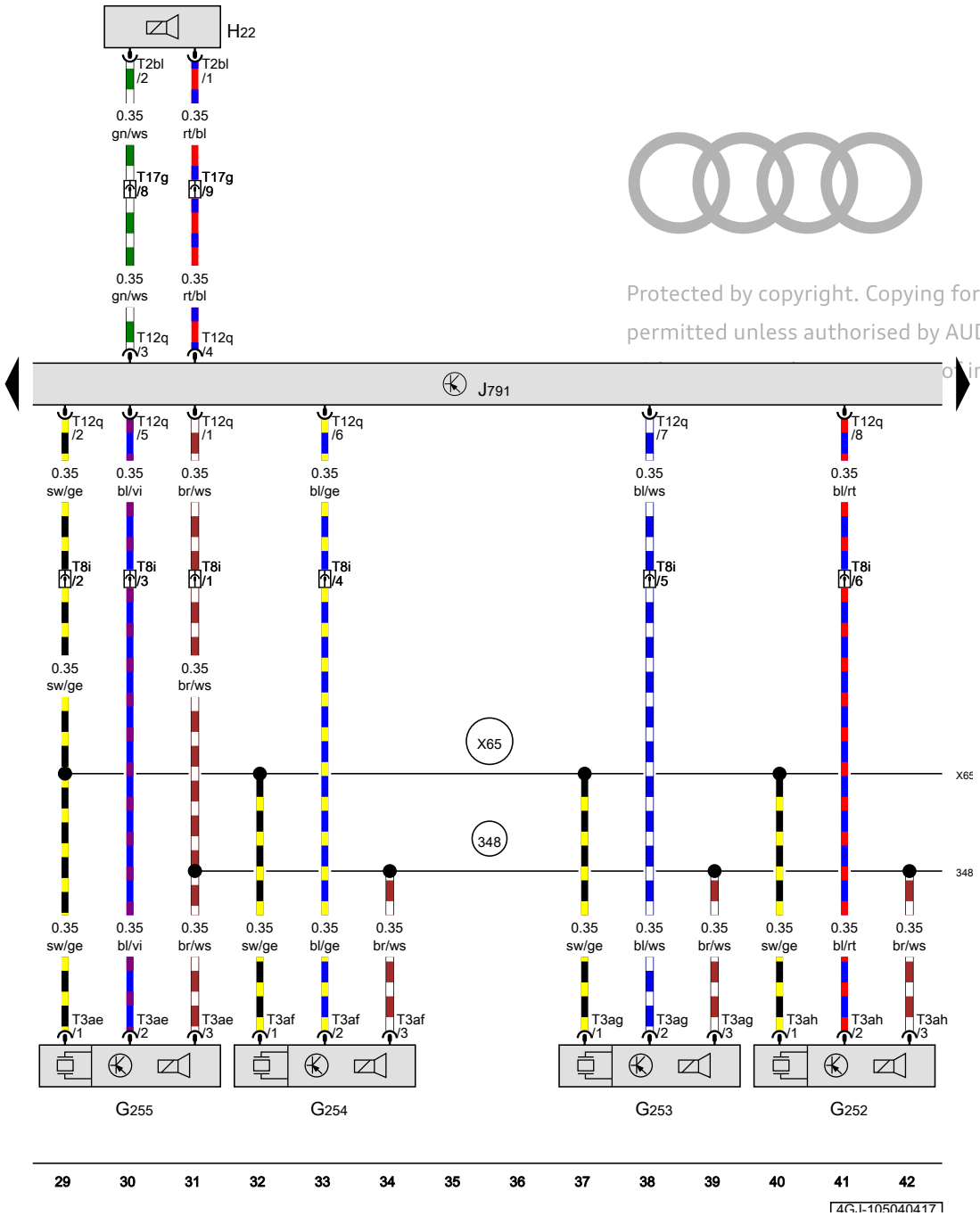
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Parking aid button, Park assist steering button, Park assist steering control unit, Parking aid warning lamp, Warning light for park assist steering

E266	Parking aid button
E581	Park assist steering button
J791	Park assist steering control unit
K136	Parking aid warning lamp
K241	Warning light for park assist steering
T6ai	6-pin connector
T10k	10-pin connector
T16i	16-pin connector
T17g	17-pin connector, in left A-pillar coupling station
T17q	17-pin connector, in right A-pillar coupling station
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness



ws	=	white
sw	=	black
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rt	=	red
br	=	brown
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bl	=	blue
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vi	=	purple
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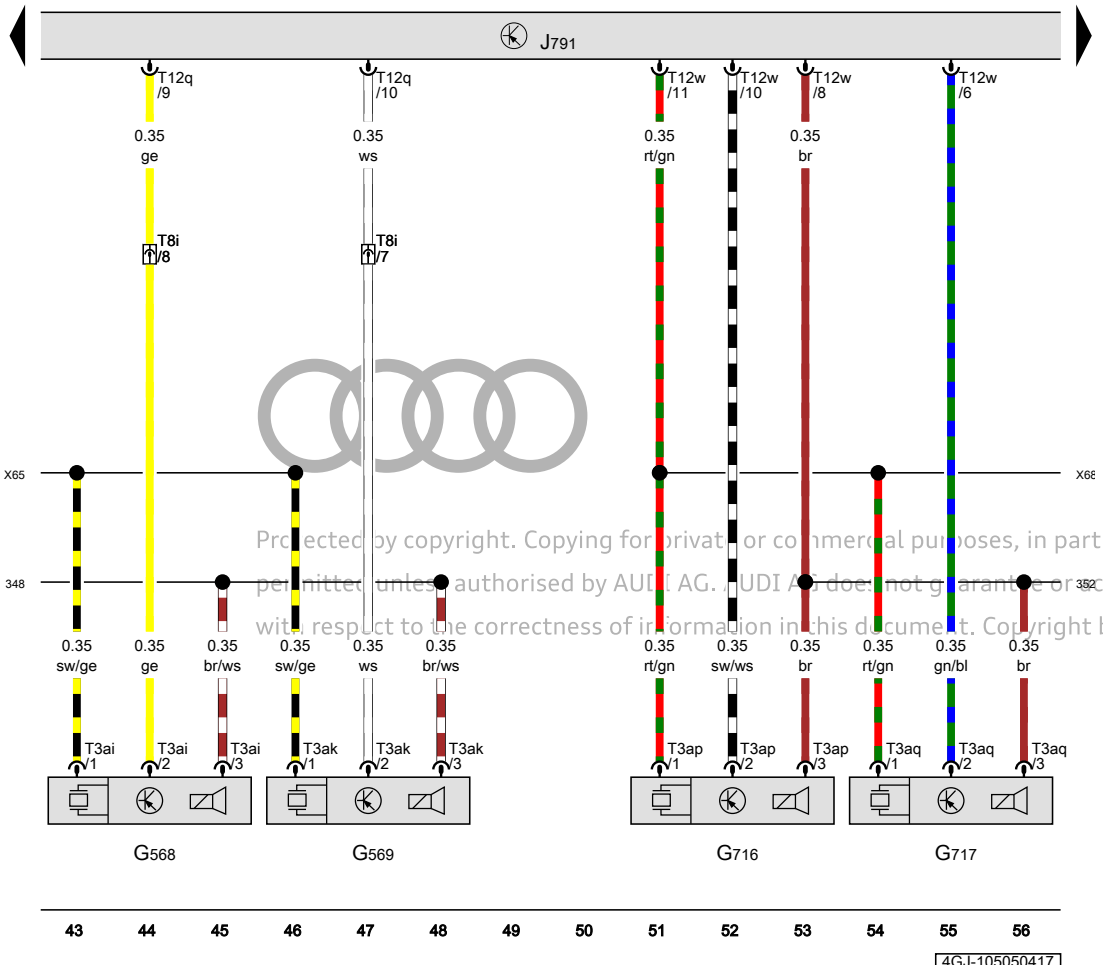
Front right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front parking aid warning buzzer, Park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
H22	Front parking aid warning buzzer
J791	Park assist steering control unit
T2bl	2-pin connector
T3ae	3-pin connector
T3af	3-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T8i	8-pin connector, behind front bumper on left
T12q	12-pin connector
T17g	17-pin connector, in left A-pillar coupling station
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front left sender for park assist steering on left side of vehicle, Rear left park assist steering sender, Rear right park assist steering sender, Park assist steering control unit

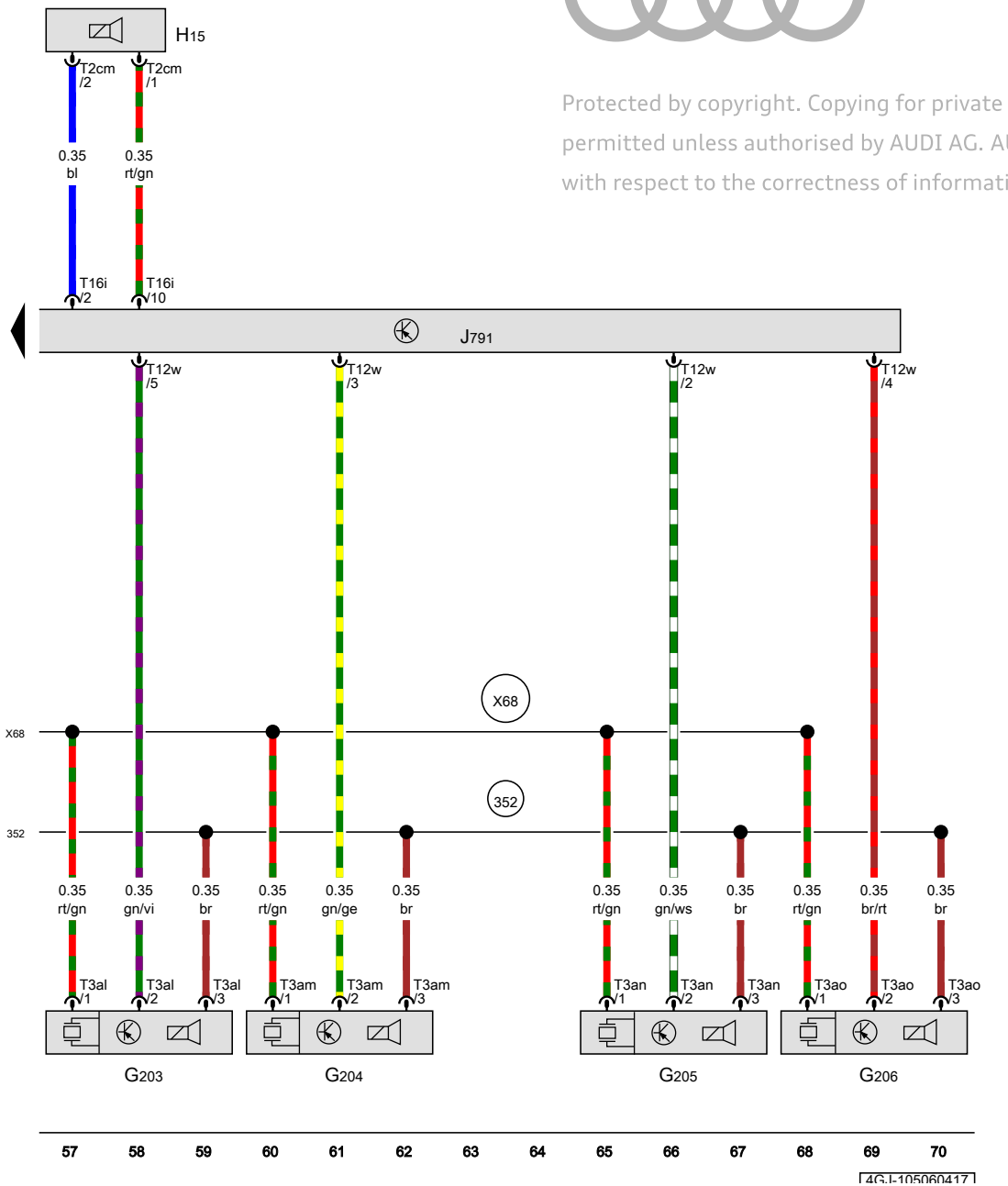
G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
G716	Rear left park assist steering sender
G717	Rear right park assist steering sender
J791	Park assist steering control unit
T3ai	3-pin connector
T3ak	3-pin connector
T3ap	3-pin connector
T3aq	3-pin connector
T8i	8-pin connector, behind front bumper on left
T12q	12-pin connector
T12w	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
352	Earth connection (parking aid), in rear bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness



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Rear centre left parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Park assist steering control unit

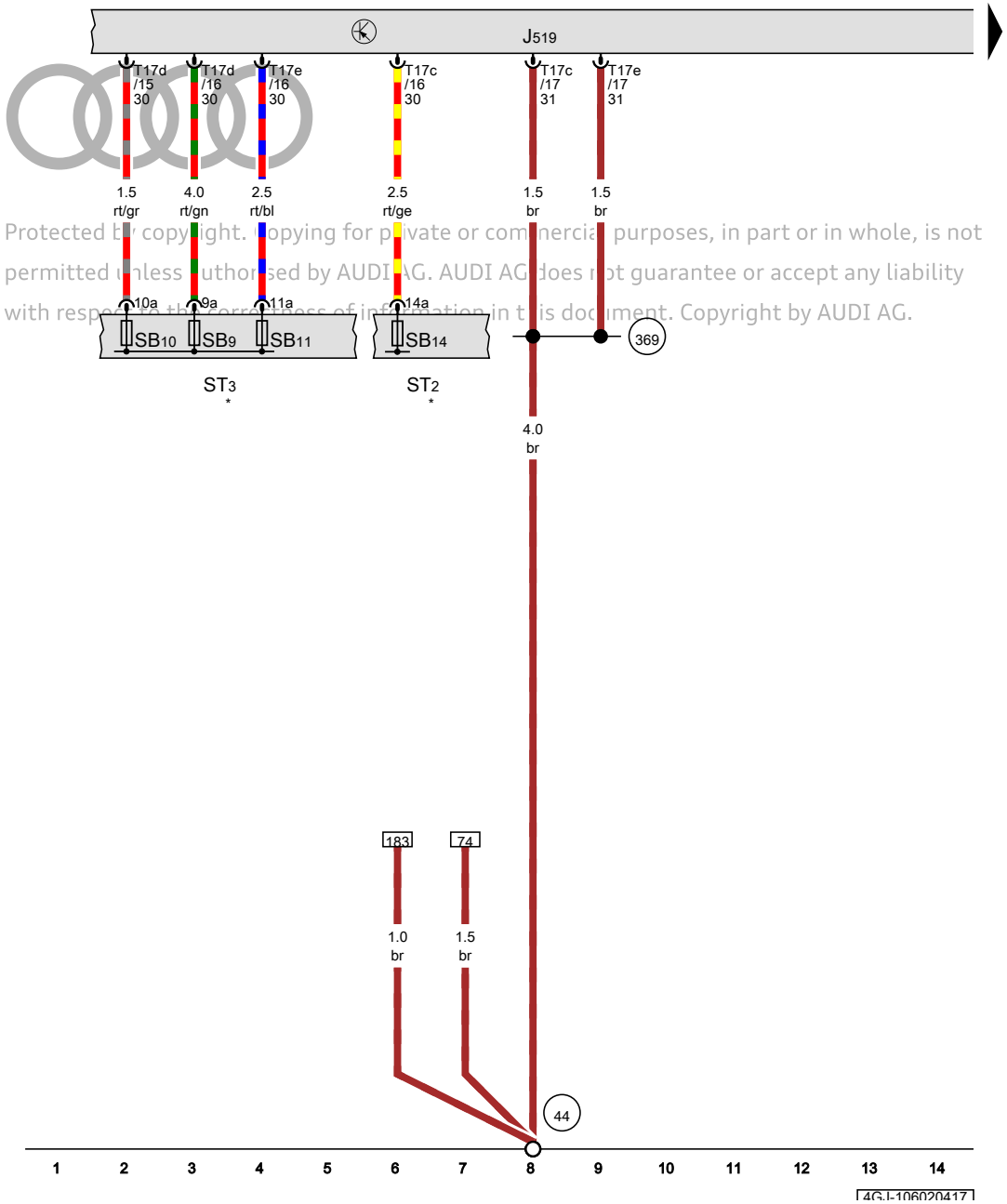
G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J791	Park assist steering control unit
T2cm	2-pin connector
T3al	3-pin connector
T3am	3-pin connector
T3an	3-pin connector
T3ao	3-pin connector
T12w	12-pin connector
T16i	16-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness

ws	=	white
sw	=	black
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

LED matrix beam headlights , (8G4)

From September 2014

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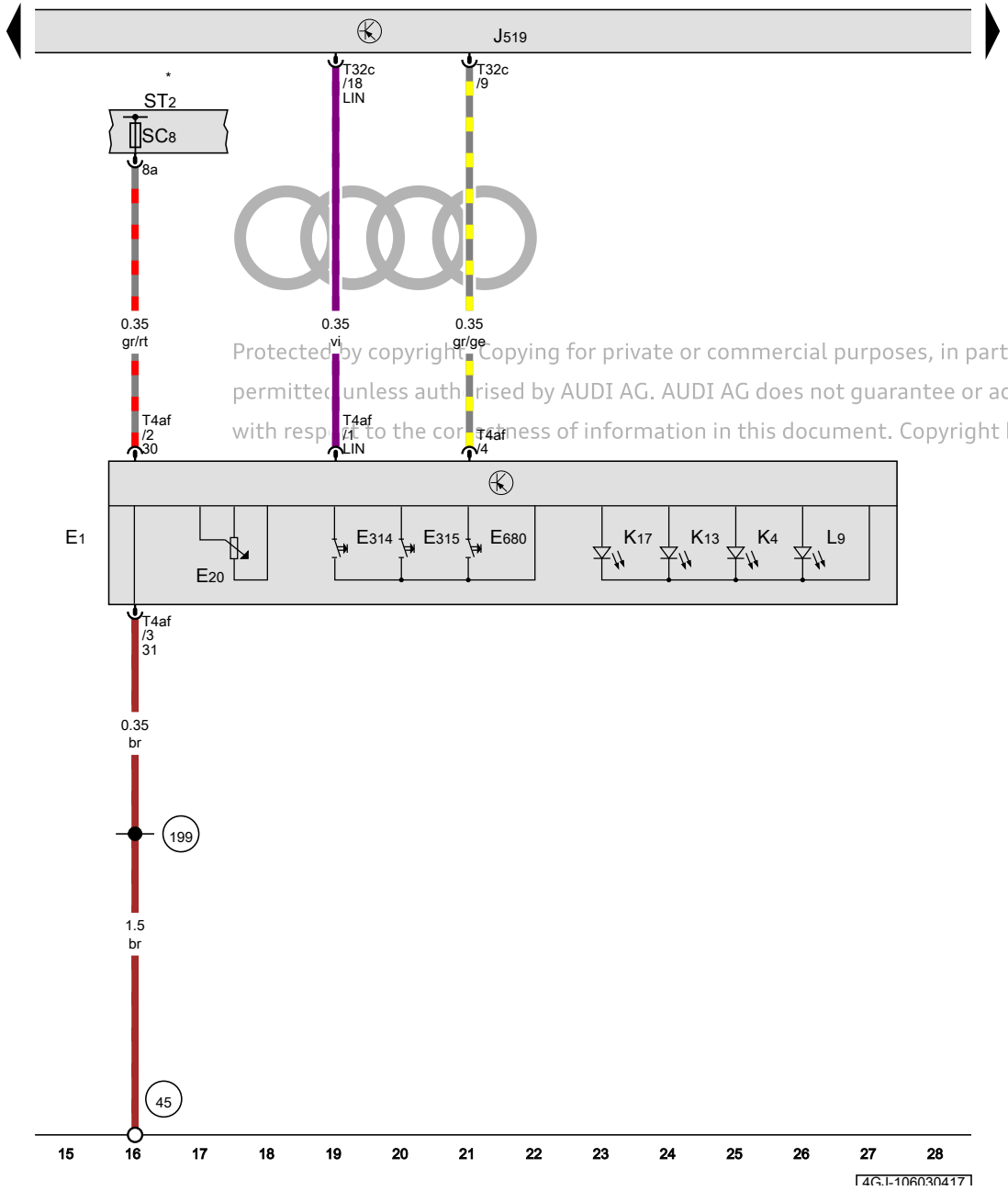


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Onboard supply control unit

J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17c	17-pin connector, brown
T17d	17-pin connector, black
T17e	17-pin connector, red
44	Earth point, lower part of left A-pillar
369	Earth connection 4, in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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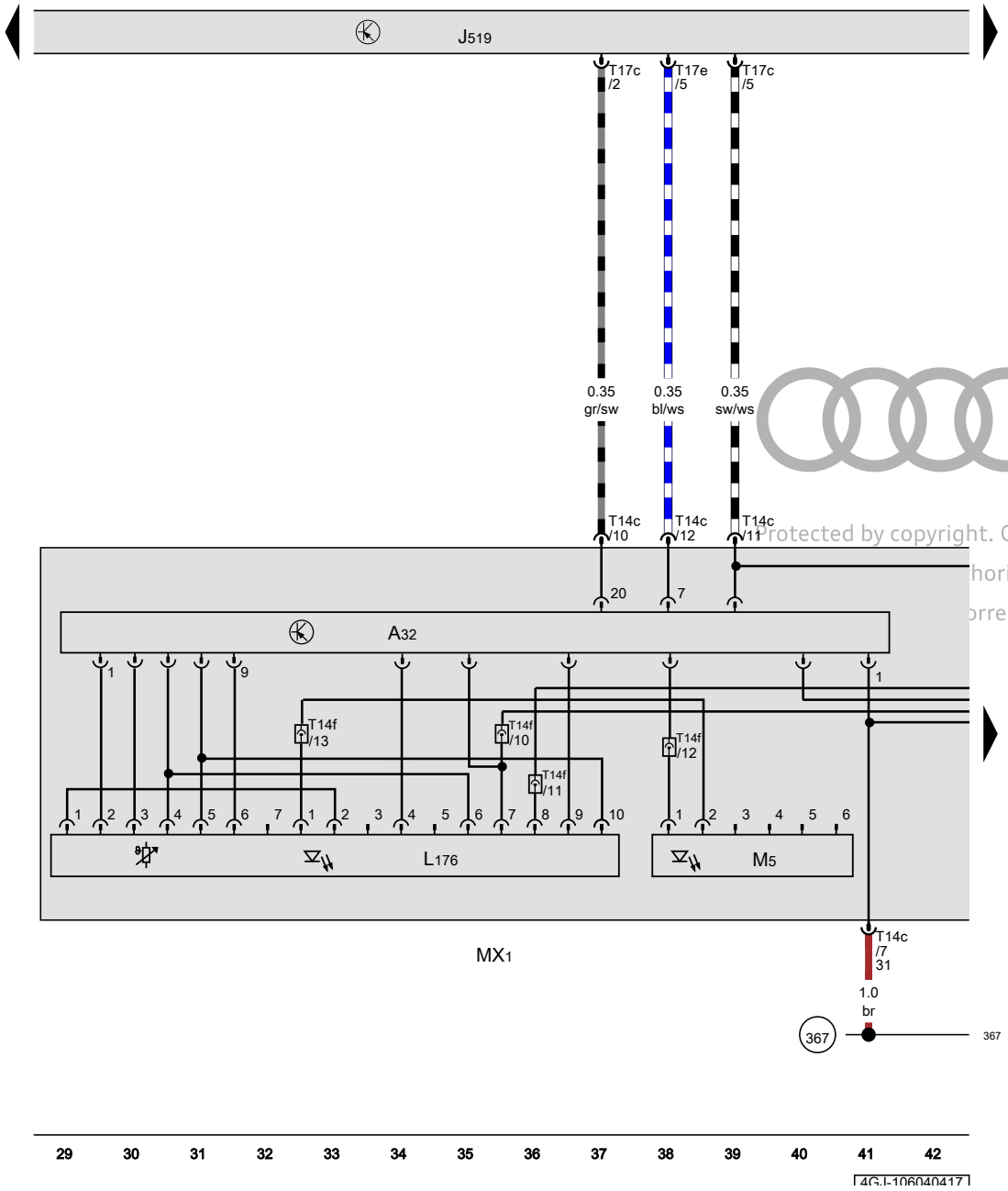
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Light switch, Switch and instrument illumination regulator, Rear fog light button, Fog light button, Button for night vision system, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E314	Rear fog light button
E315	Fog light button
E680	Button for night vision system
J519	Onboard supply control unit
K4	Side light warning lamp
K13	Rear fog light warning lamp
K17	Fog light warning lamp
L9	Light switch illumination bulb
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T4af	4-pin connector, black
T32c	32-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

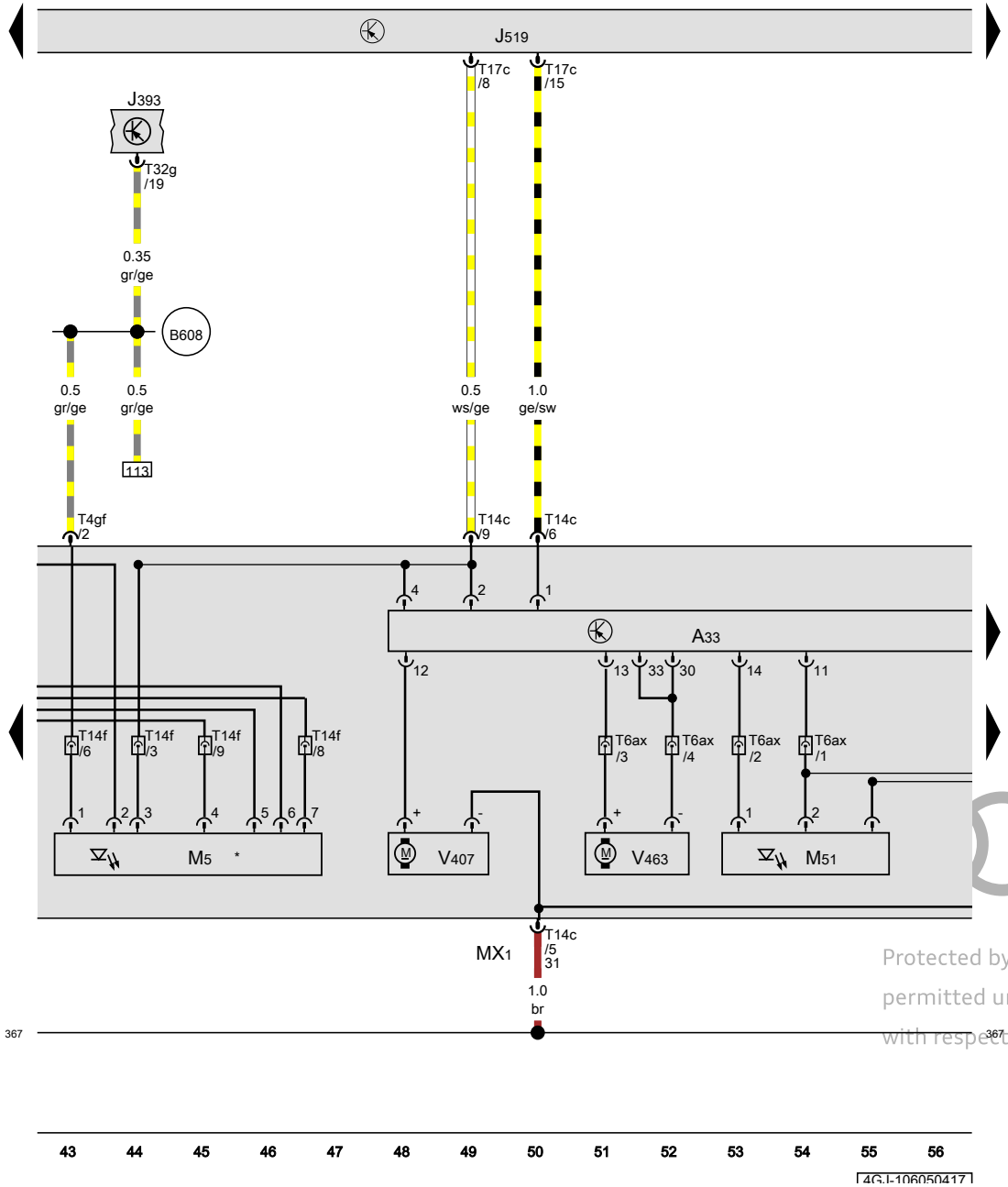
Output module 2 for left LED headlight, Onboard supply control unit, Front left headlight, Front left turn signal bulb

A32	Output module 2 for left LED headlight
J519	Onboard supply control unit
L176	Left LED module for daytime running light and side light
MX1	Front left headlight, on left headlight
M5	Front left turn signal bulb
T14c	14-pin connector, black
T14f	14-pin connector, in headlight
T17c	17-pin connector, brown
T17e	17-pin connector, red
367	Earth connection 2, in main wiring harness



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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Output module 3 for left LED headlight, Onboard supply control unit, Front left headlight, Left static cornering light

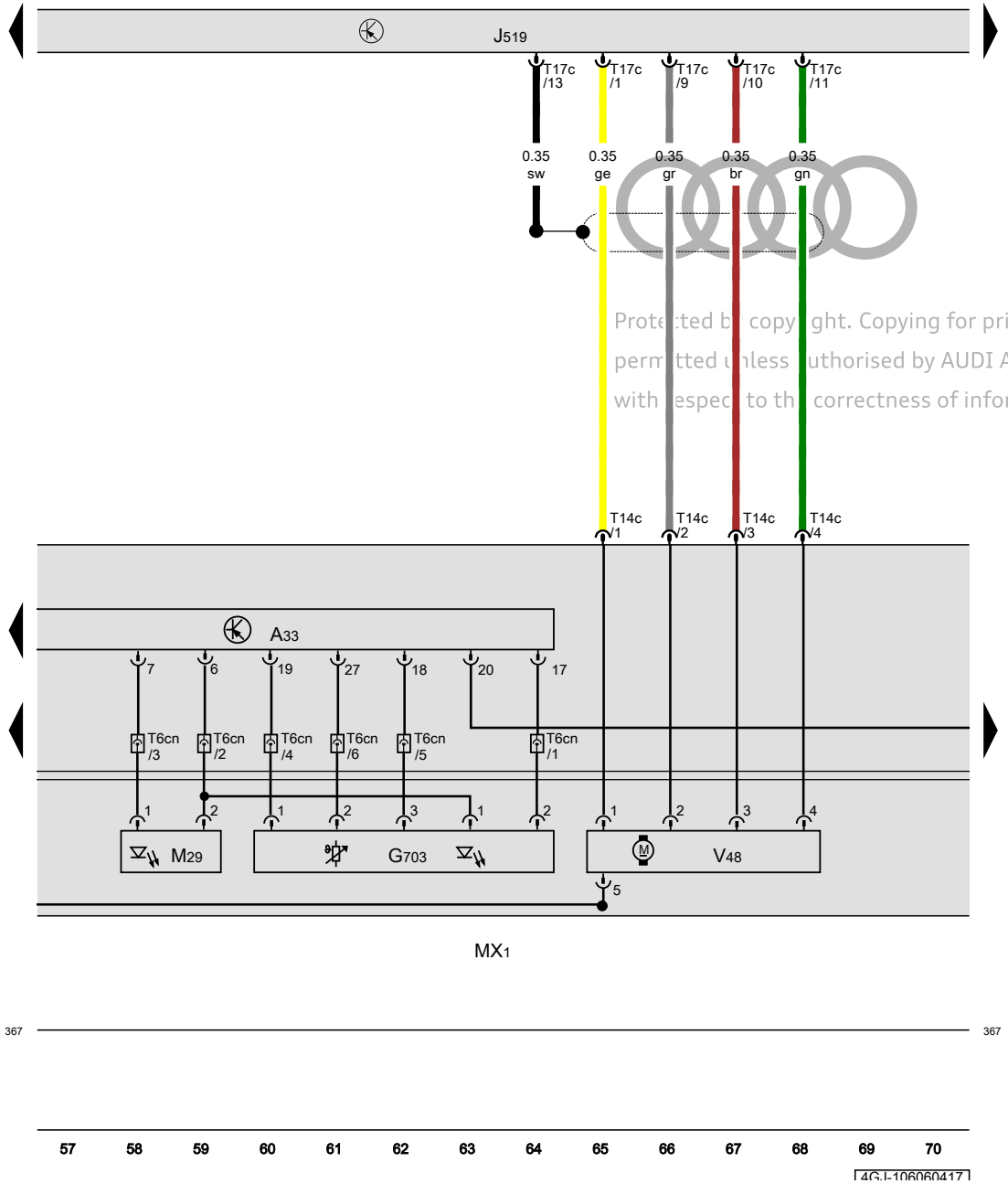
A33	Output module 3 for left LED headlight
J393	Convenience system central control unit
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M5	Front left turn signal bulb
M51	Left static cornering light
T4gf	4-pin connector
T6ax	6-pin connector, in headlight
T14c	14-pin connector, black
T14f	14-pin connector, in headlight
T17c	17-pin connector, brown
T32g	32-pin connector
V407	Left headlight fan
V463	Left headlight fan 2
367	Earth connection 2, in main wiring harness
B608	Connection 4, in interior wiring harness
*	Only models with sequential turn signals

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
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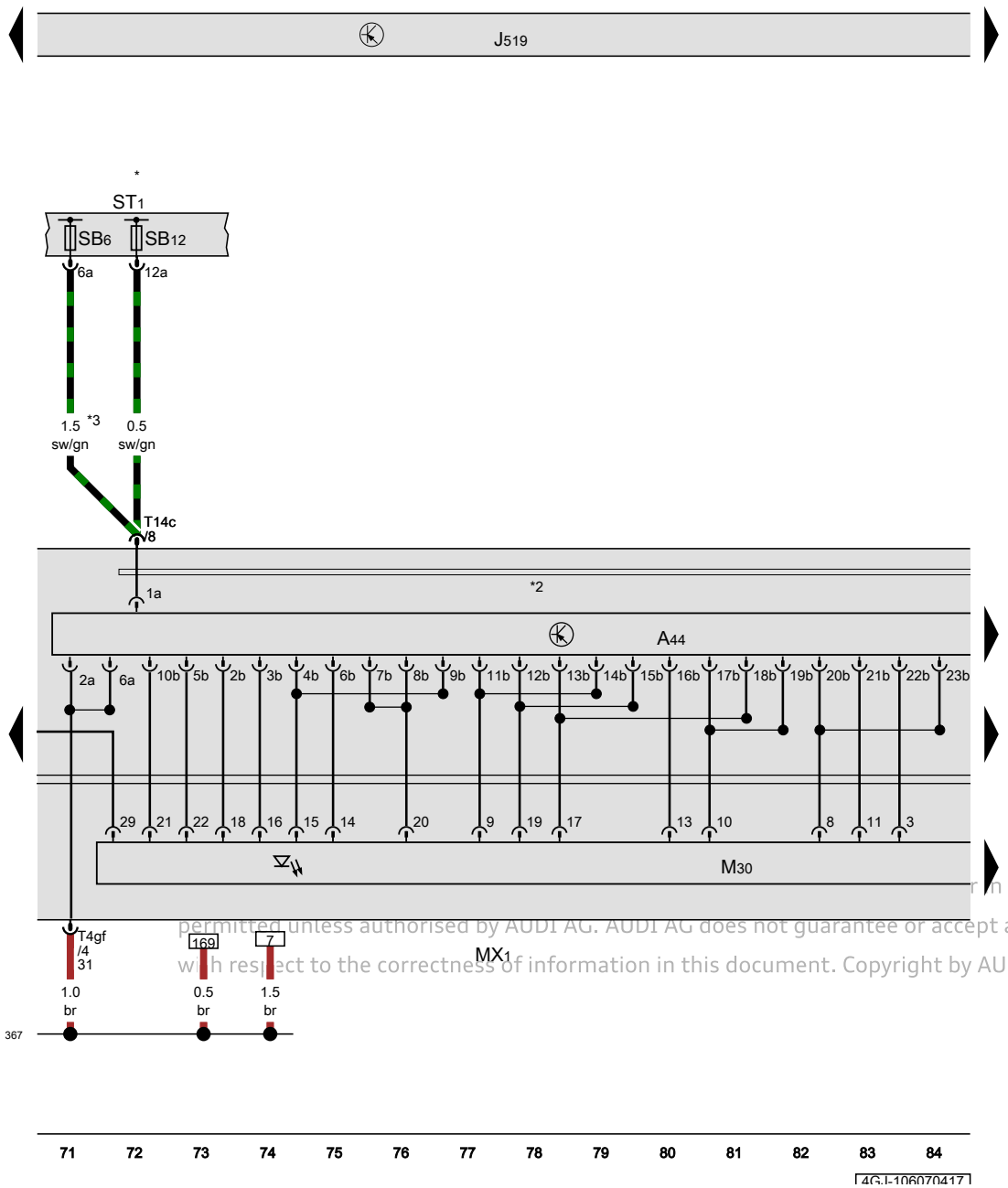
Output module 3 for left LED headlight, Onboard supply control unit, Front left headlight, Left headlight range control motor

A33	Output module 3 for left LED headlight
G703	Temperature sender 2 for left headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M29	Left headlight dipped beam bulb
T6cn	6-pin connector, in headlight
T14c	14-pin connector, black
T17c	17-pin connector, brown
V48	Left headlight range control motor
367	Earth connection 2, in main wiring harness



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ge	=	yellow
or	=	orange
rs	=	pink



Onboard supply control unit, Front left headlight

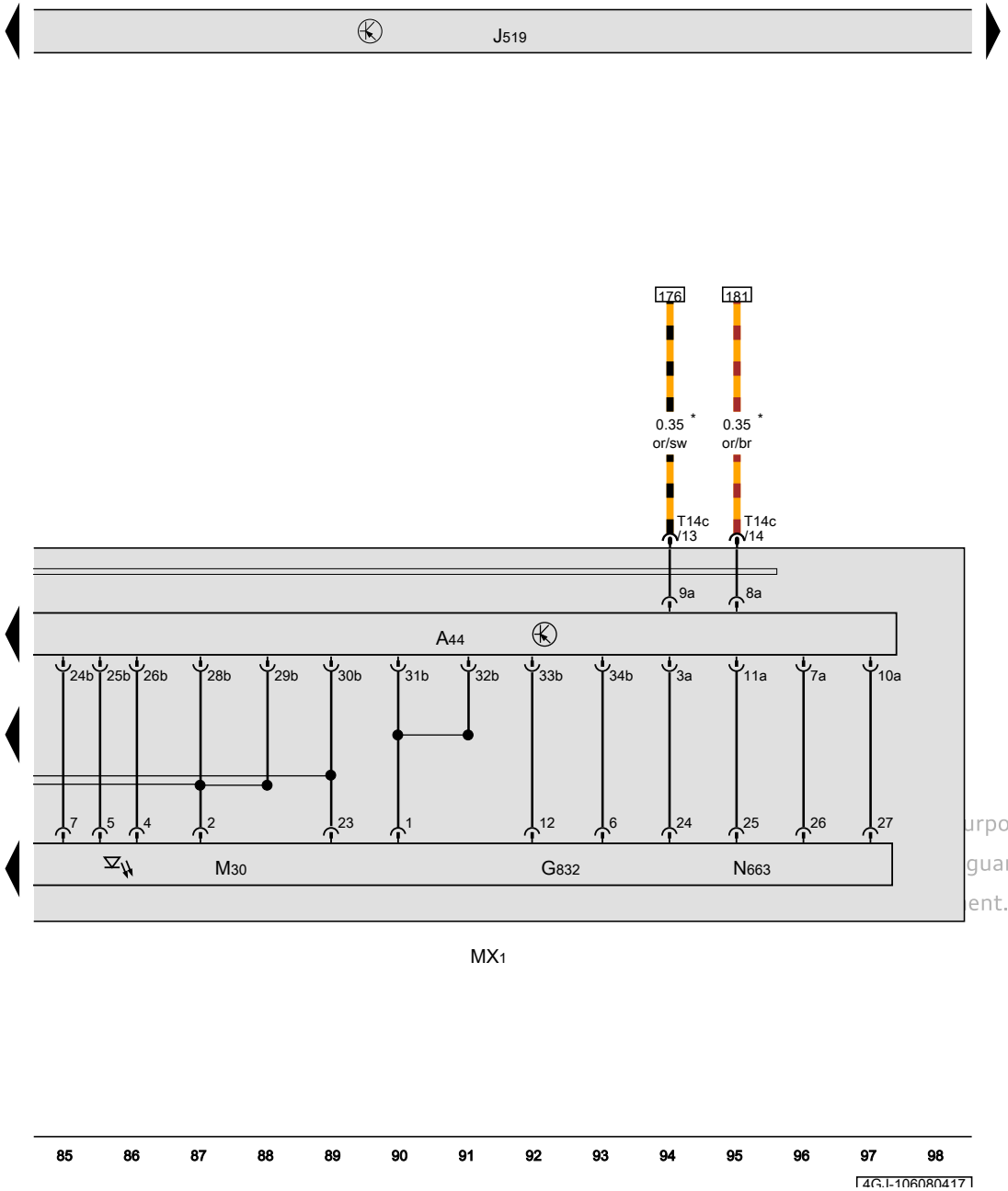
A44	Output module for left matrix headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M30	Left headlight main beam bulb
ST1	Fuse carrier 1
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T4gf	4-pin connector
T14c	14-pin connector, black
367	Earth connection 2, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Ferrite core
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Onboard supply control unit, Front left headlight

A44	Output module for left matrix headlight
G832	Temperature sender 3 for left headlight
J519	Onboard supply control unit
MX1	Front left headlight, on left headlight
M30	Left headlight main beam bulb
N663	Current coding resistor 2 for left headlight
T14c	14-pin connector, black
*	Data bus wire (CAN bus)

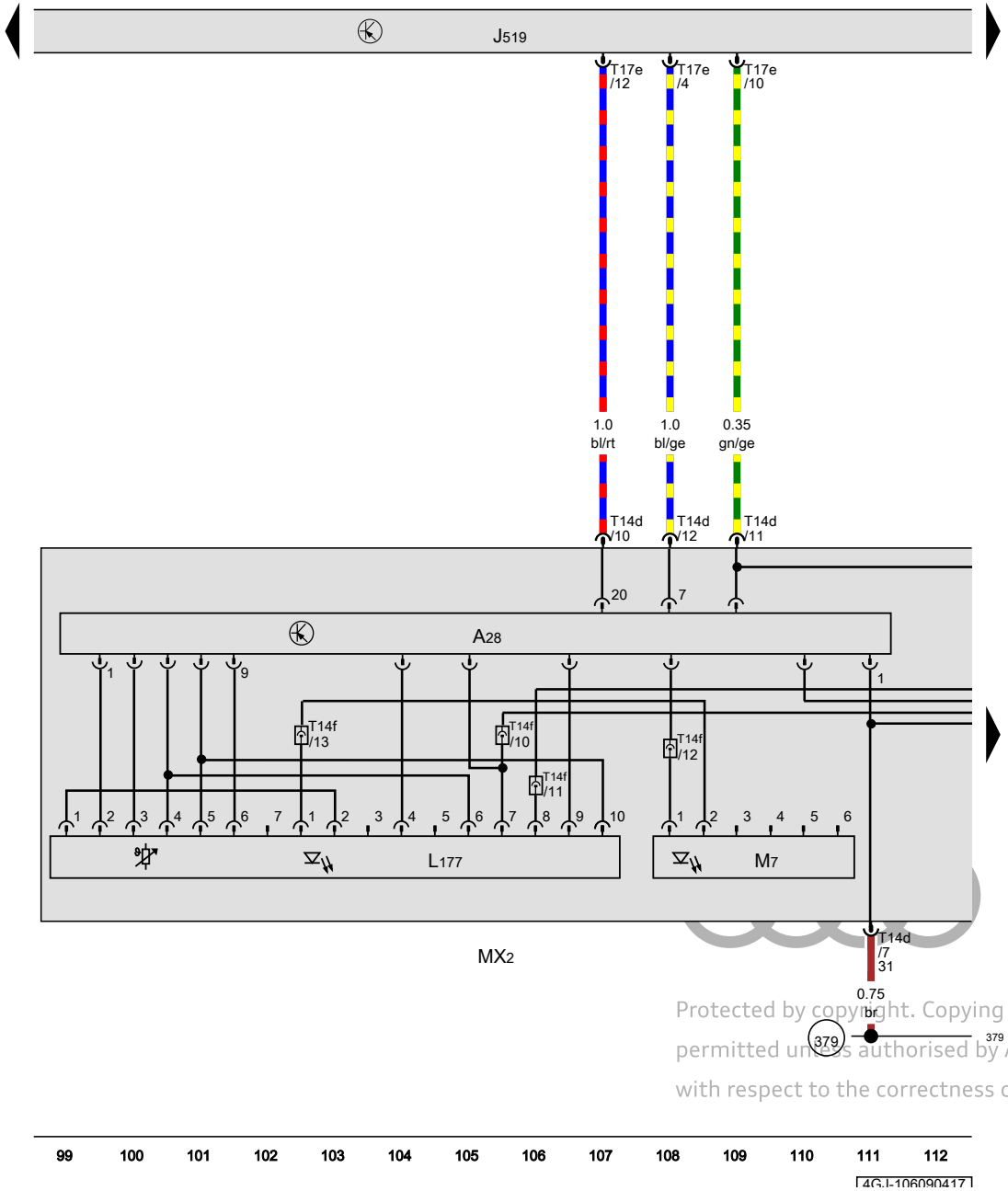


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rs	=	pink

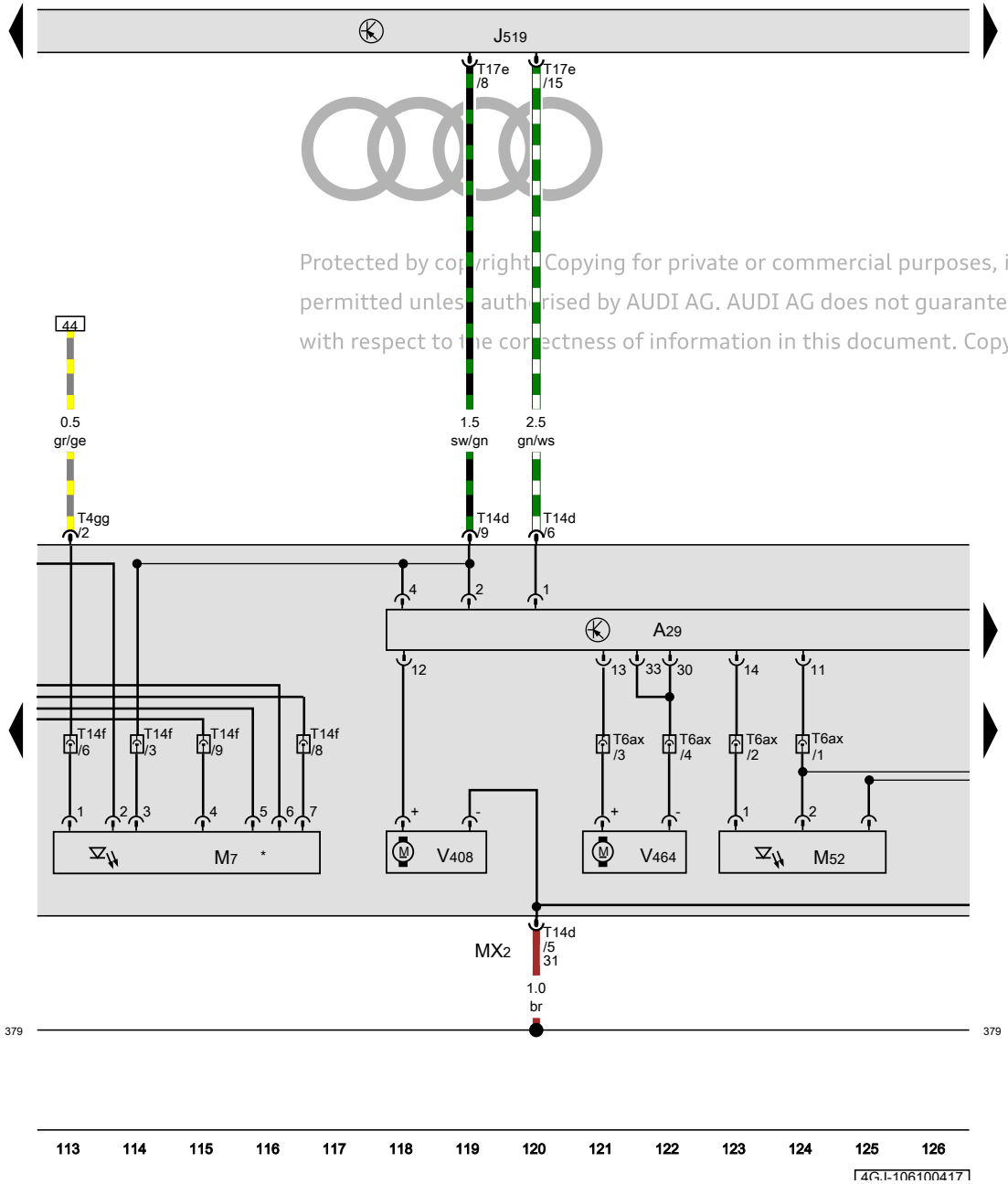
Output module 2 for right LED headlight, Onboard supply control unit, Front right headlight, Front right turn signal bulb

A28	Output module 2 for right LED headlight
J519	Onboard supply control unit
L177	Right LED module for daytime running light and side light
MX2	Front right headlight, on right headlight
M7	Front right turn signal bulb
T14d	14-pin connector, black
T14f	14-pin connector, in headlight
T17e	17-pin connector, red
379	Earth connection 14, in main wiring harness



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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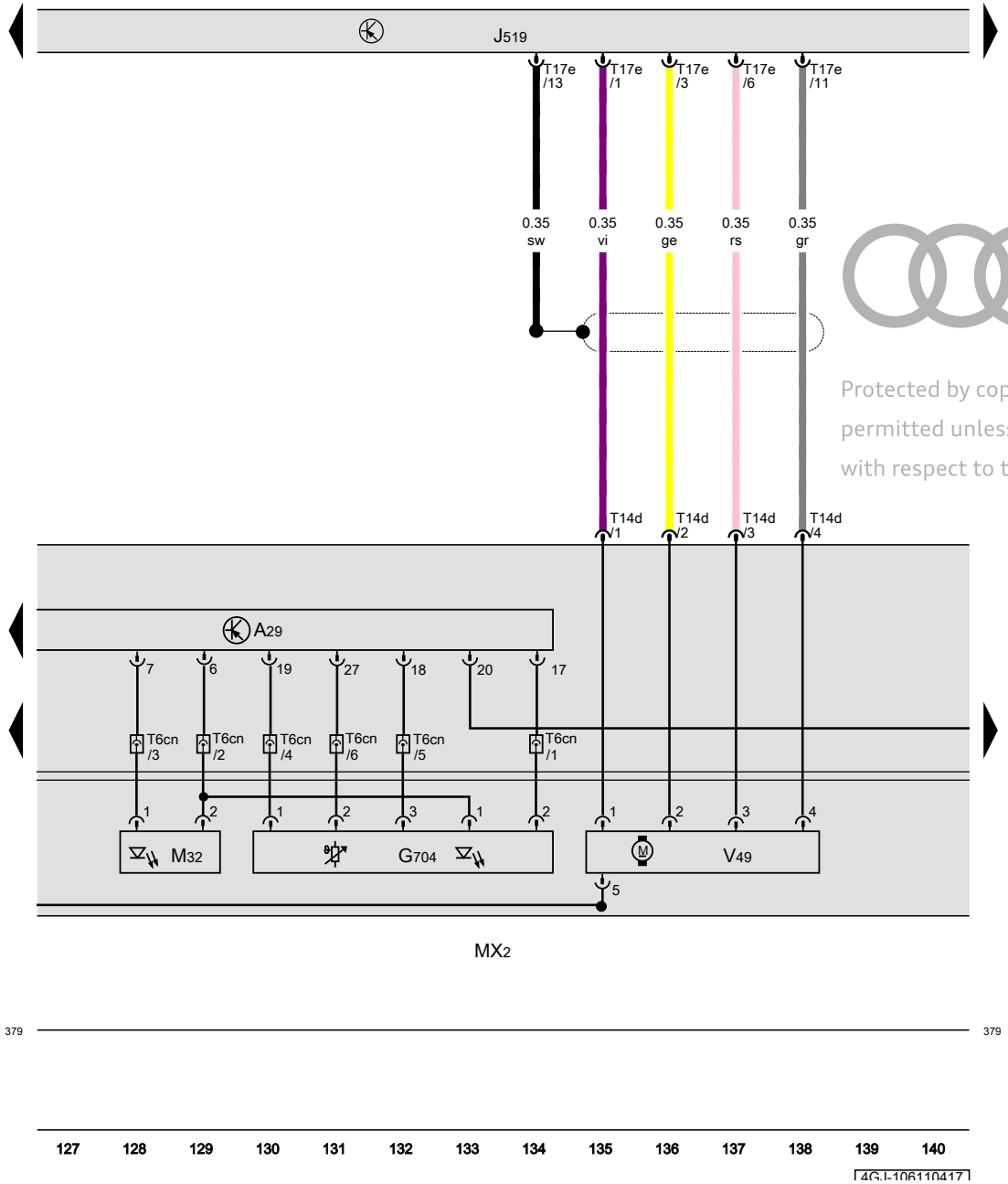
Output module 3 for right LED headlight, Onboard supply control unit, Front right headlight, Right static cornering light, Right headlight fan

A29	Output module 3 for right LED headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M7	Front right turn signal bulb
M52	Right static cornering light
T4gg	4-pin connector, black
T6ax	6-pin connector, in headlight
T14d	14-pin connector, black
T14f	14-pin connector, in headlight
T17e	17-pin connector, red
V408	Right headlight fan
V464	Right headlight fan 2
379	Earth connection 14, in main wiring harness
*	Only models with sequential turn signals

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

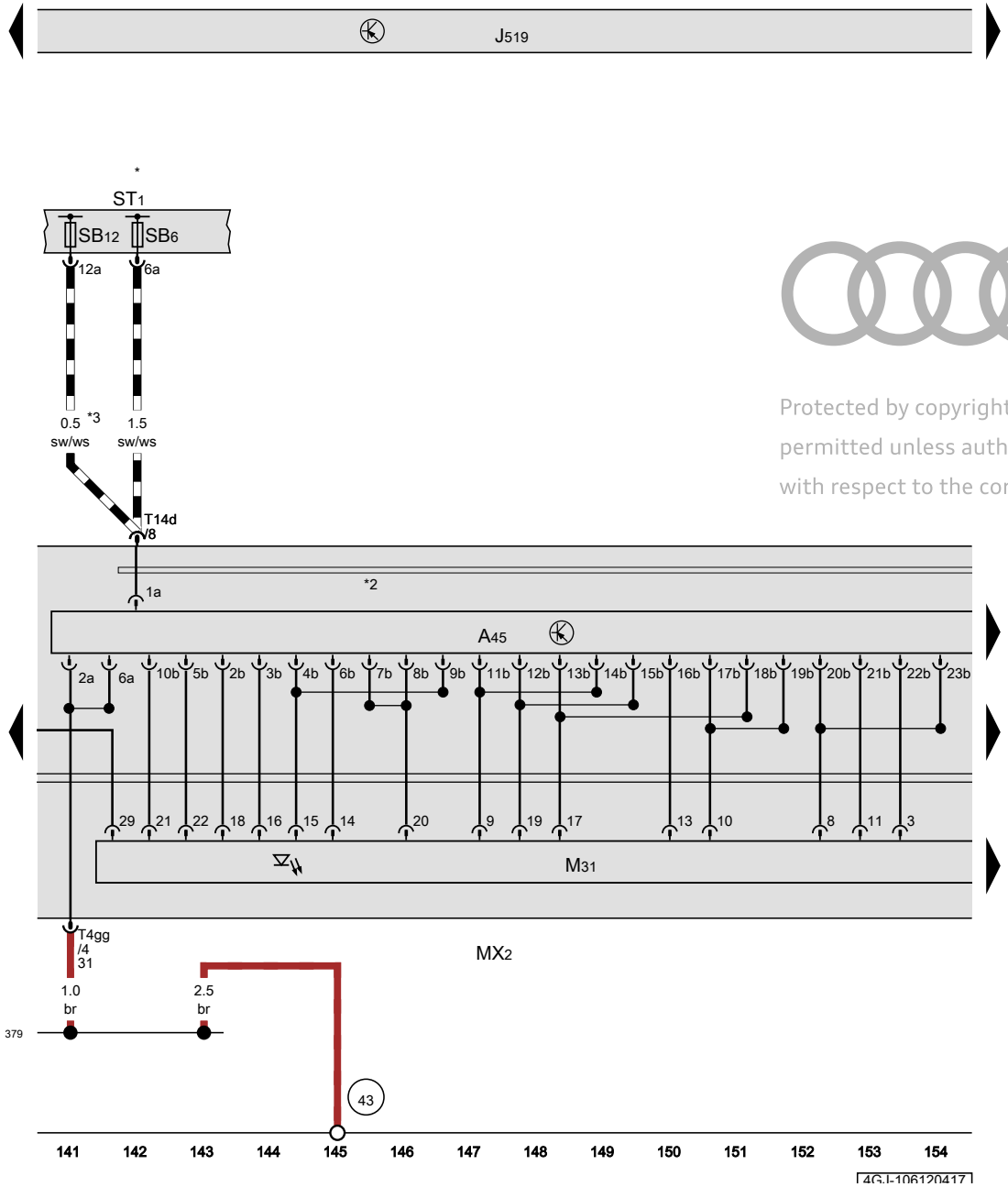
Output module 3 for right LED headlight, Temperature sender 1 for right headlight, Onboard supply control unit, Front right headlight, Right headlight range control motor

A29	Output module 3 for right LED headlight
G704	Temperature sender 1 for right headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M32	Right headlight main beam bulb
T6cn	6-pin connector, in headlight
T14d	14-pin connector, black
T17e	17-pin connector, red
T20	20-pin connector, in headlight
V49	Right headlight range control motor
379	Earth connection 14, in main wiring harness



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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Output module for right matrix headlight, Onboard supply control unit, Front right headlight, Right headlight dipped beam bulb

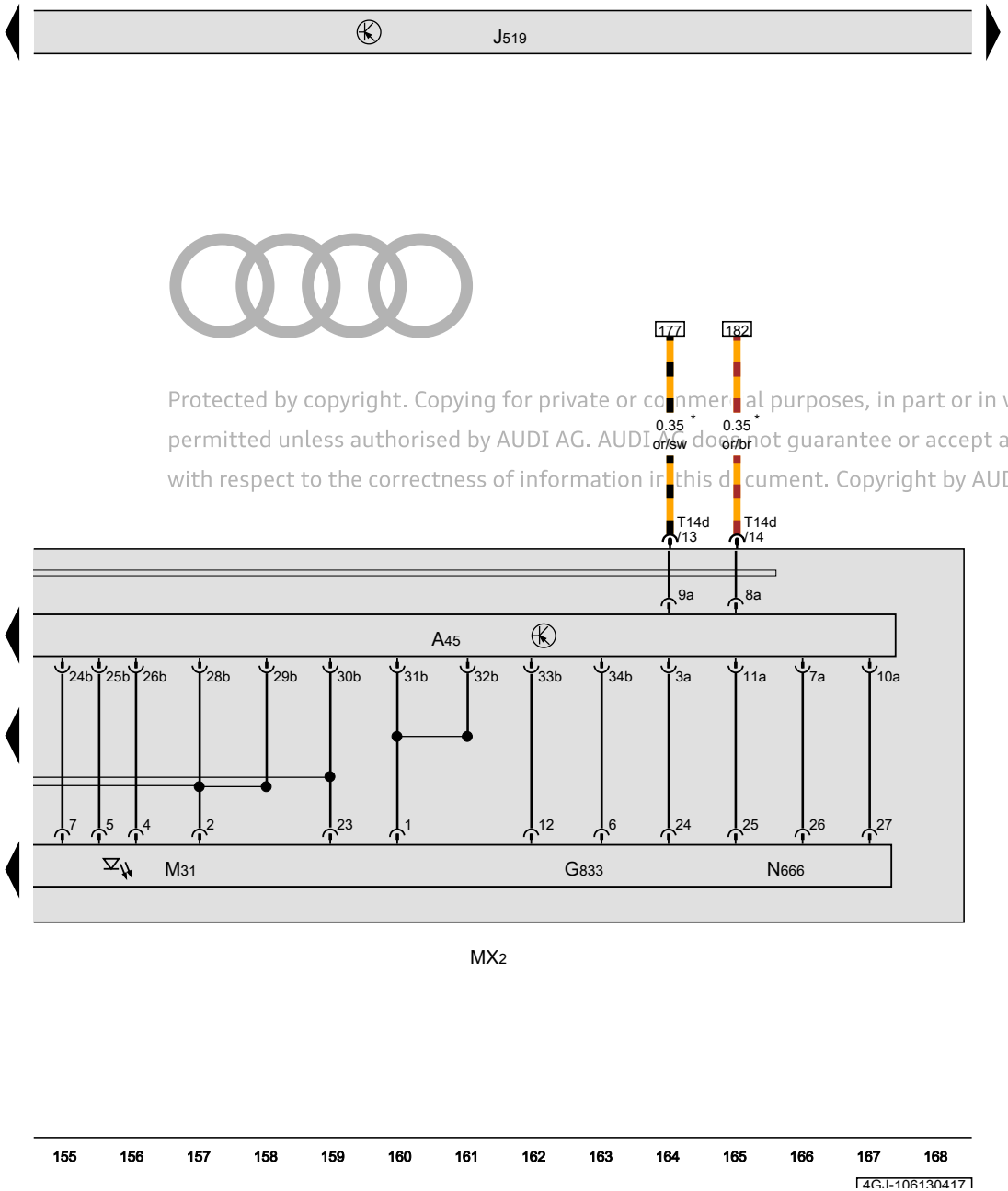
A45	Output module for right matrix headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M31	Right headlight dipped beam bulb
ST1	Fuse carrier 1
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T4gg	4-pin connector, black
T14d	14-pin connector, black
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Ferrite core
*3	Only right-hand drive models

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Output module for right matrix headlight, Onboard supply control unit, Front right headlight, Right headlight dipped beam bulb

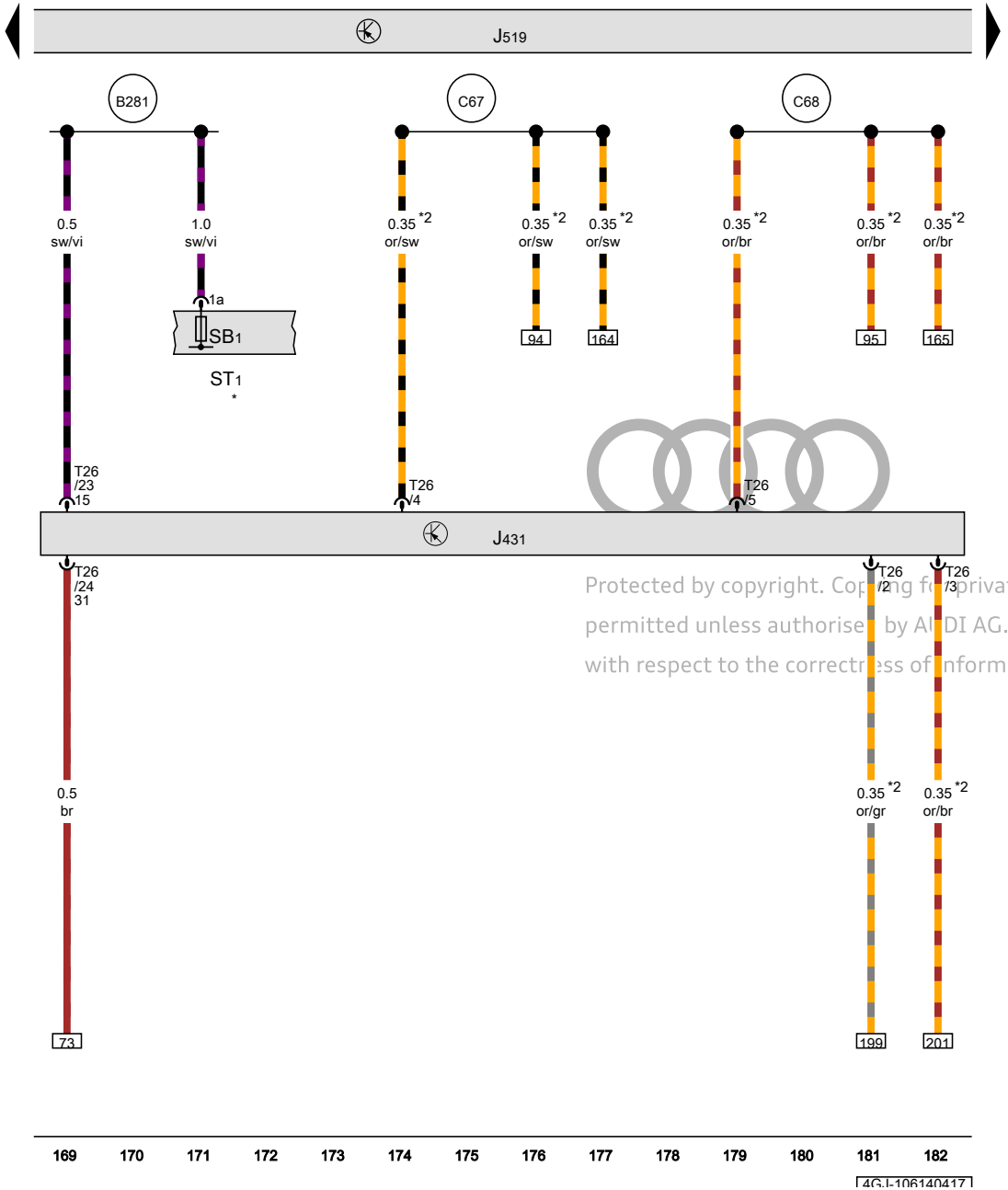
A45	Output module for right matrix headlight
G833	Temperature sender 3 for right headlight
J519	Onboard supply control unit
MX2	Front right headlight, on right headlight
M31	Right headlight dipped beam bulb
N666	Current coding resistor 2 for right headlight
T14d	14-pin connector, black
*	Data bus wire (CAN bus)



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ge	=	yellow
or	=	orange
rs	=	pink

Headlight range control unit, Onboard supply control unit



J431 Headlight range control unit
J519 Onboard supply control unit
ST1 Fuse carrier 1
SB1 Fuse 1 on fuse holder B
T26 26-pin connector

B281 Positive connection 5 (15a) in main wiring harness

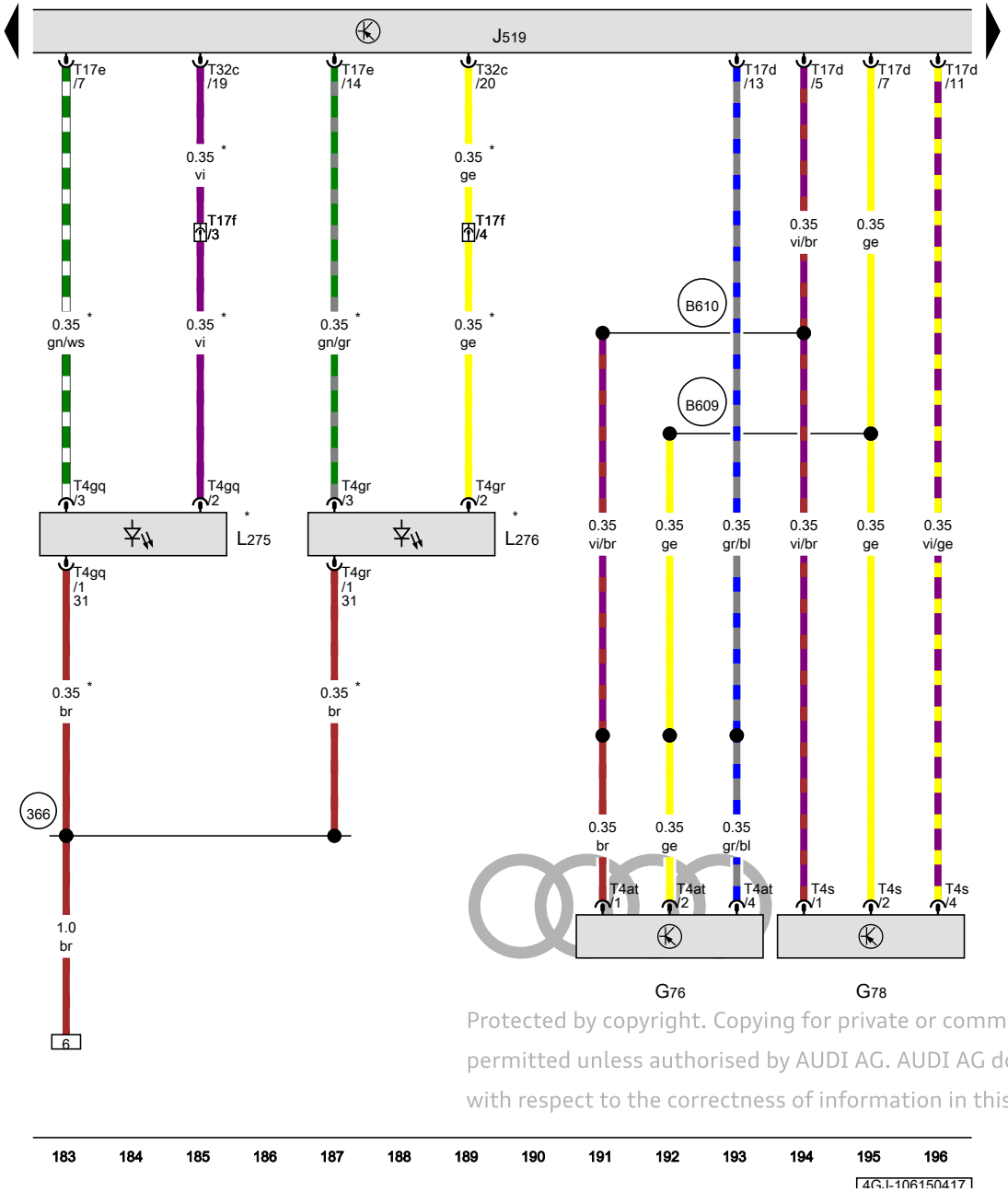
C67 Connection (CAN bus, high), in headlight wiring harness

C68 Connection (CAN bus, low), in headlight wiring harness

* see applicable current flow diagram for fuse assignment
*2 Data bus wire (CAN bus)

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rs	=	pink

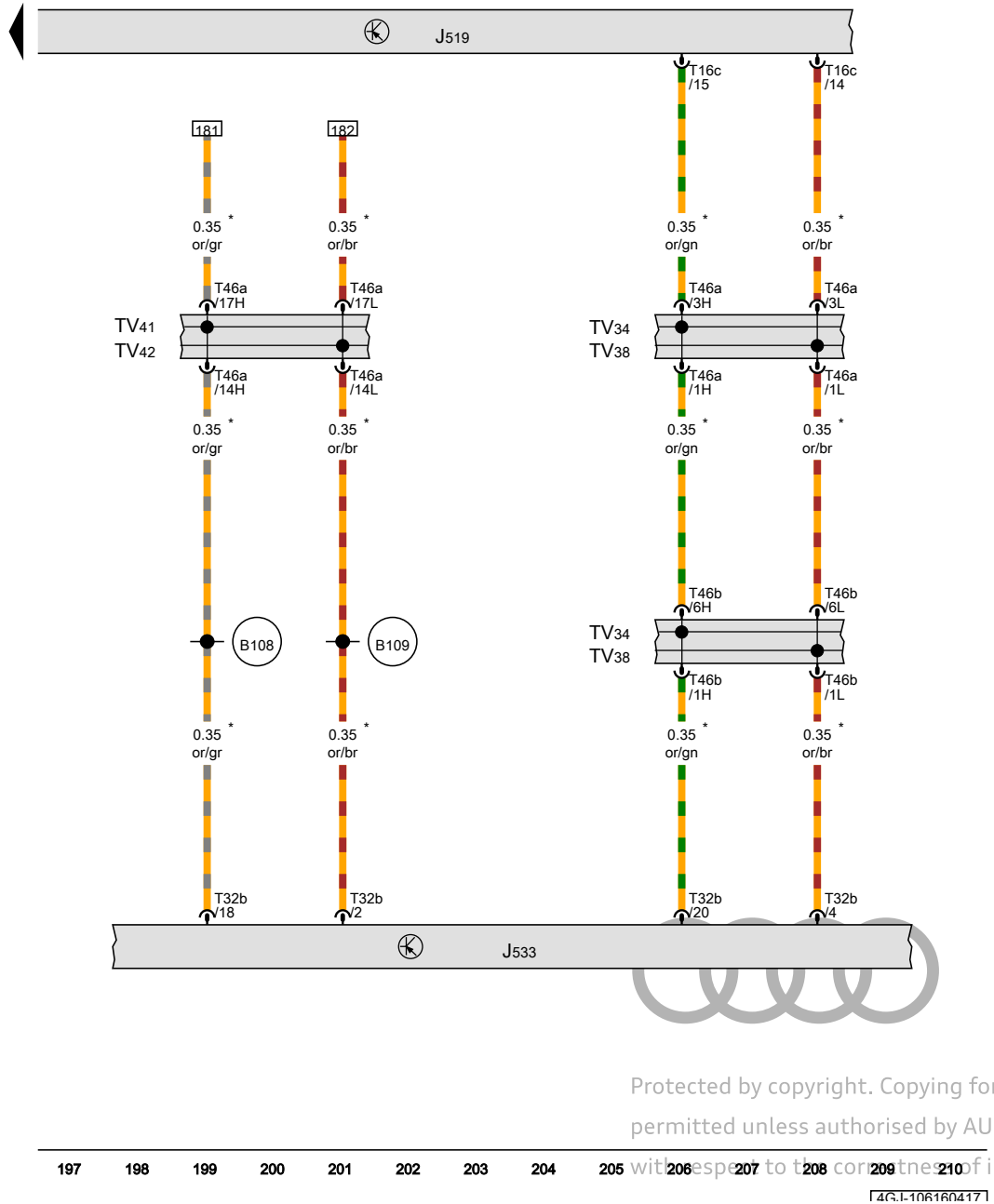


Rear left vehicle level sender, Front left vehicle level sender, Onboard supply control unit, Light for left signature lighting, Light for right signature lighting

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
L275	Light for left signature lighting
L276	Light for right signature lighting
T4at	4-pin connector
T4gq	4-pin connector, grey
T4gr	4-pin connector, grey
T4s	4-pin connector
T17d	17-pin connector, black
T17e	17-pin connector, red
T17f	17-pin connector, in left A-pillar coupling station, white
T32c	32-pin connector
366	Earth connection 1, in main wiring harness
B609	Connection 5, in interior wiring harness
B610	Connection 6, in interior wiring harness
*	Only models with hybrid drive system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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Onboard supply control unit, Data bus diagnostic interface, Wiring junction for convenience CAN bus, high, Wiring junction for CAN bus extended high

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T16c	16-pin connector, brown
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
*	Data bus wire (CAN bus)

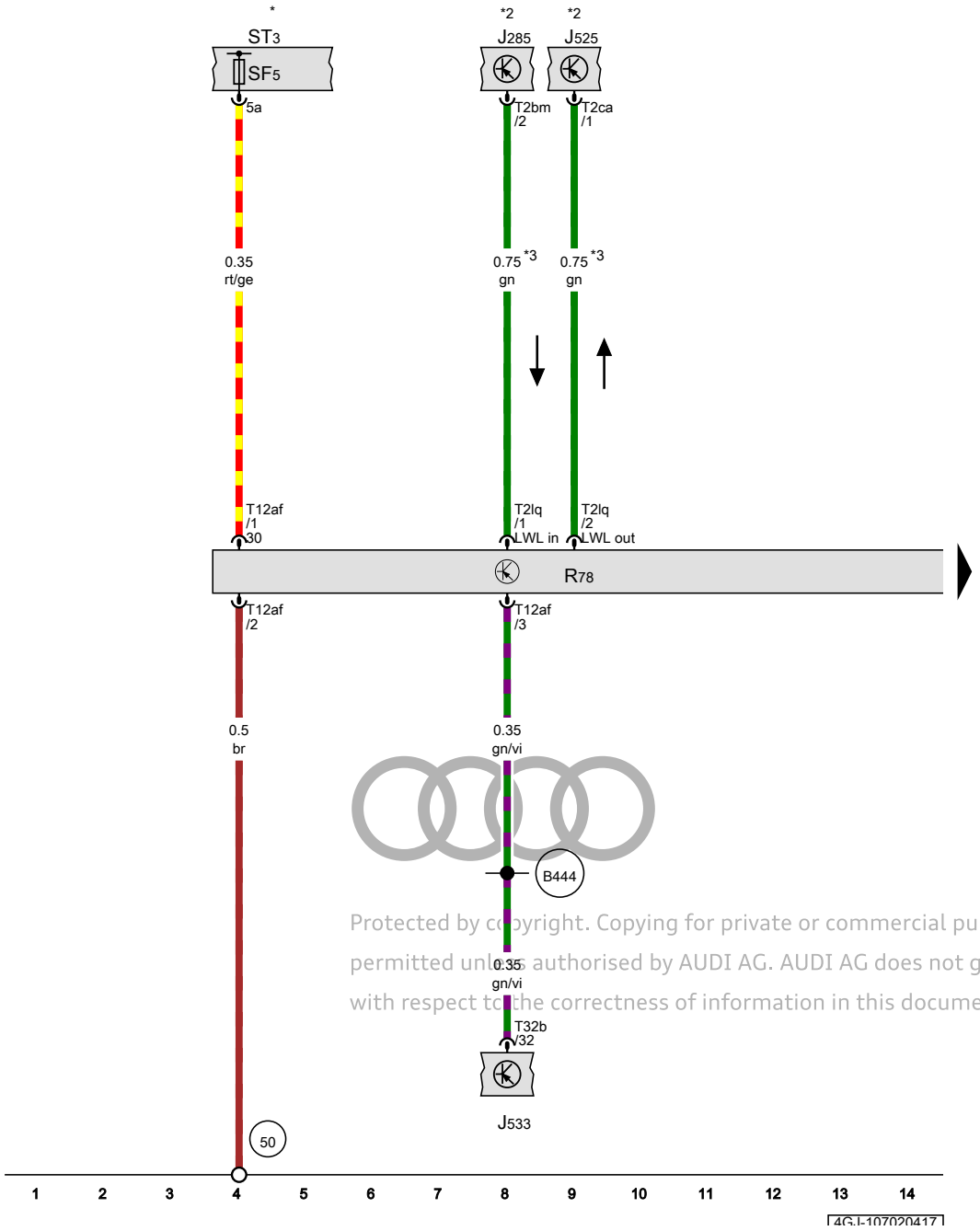
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Digital TV tuner , (QV1)

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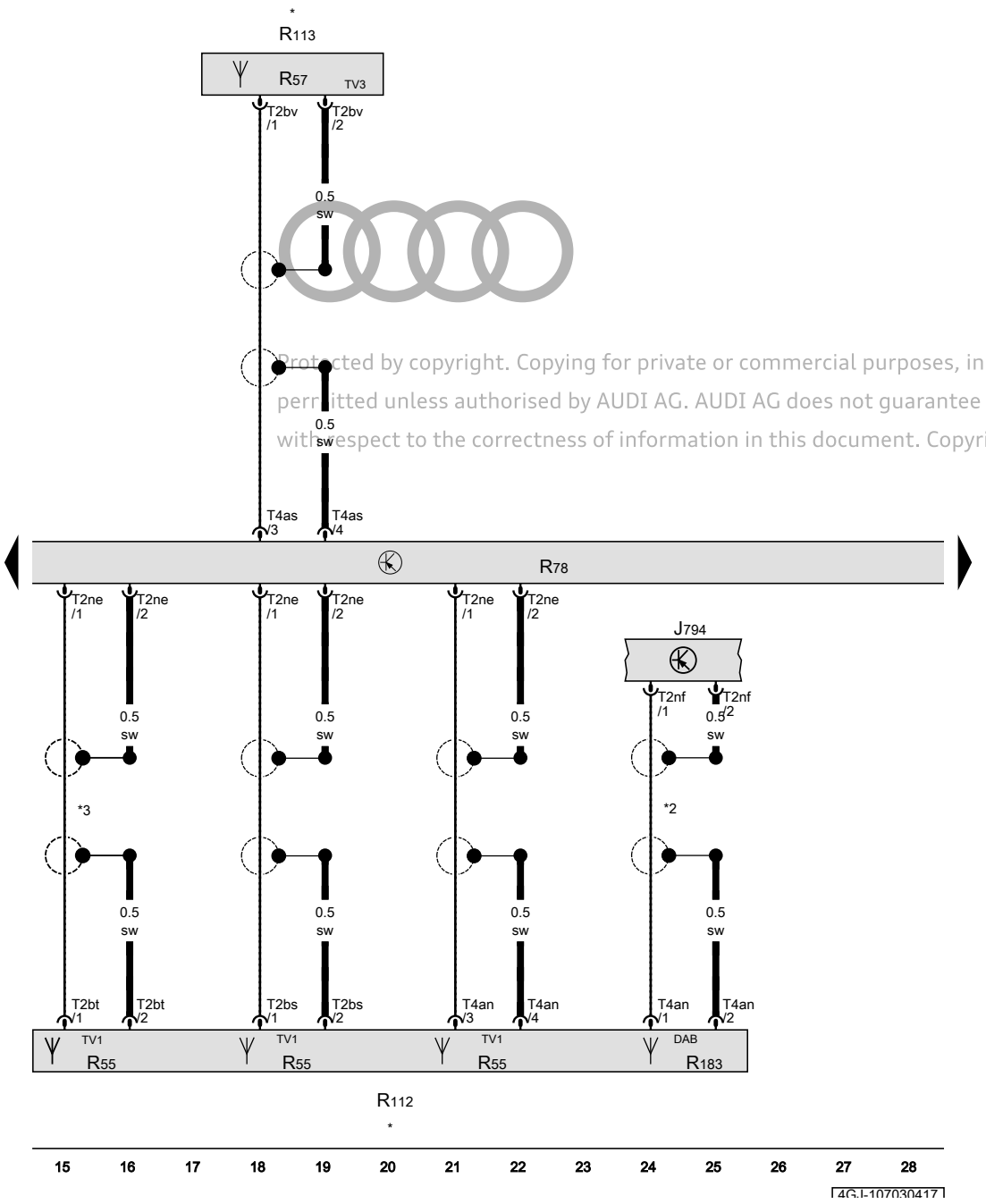


TV tuner

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
R78	TV tuner
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T2bm	2-pin connector
T2ca	2-pin connector
T2lq	2-pin connector
T12af	12-pin connector
T32b	32-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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TV tuner, Aerial amplifier 3

J794	Control unit 1 for information electronics
R55	TV aerial 1
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R183	Digital radio aerial
T2bs	2-pin connector, green
T2bt	2-pin connector, black
T2bv	2-pin connector
T2ne	2-pin connector
T2nf	2-pin connector
T4an	4-pin connector, black
T4as	4-pin connector
*	Saloon
*2	For models with digital radio
*3	Only models with equipment for Korea

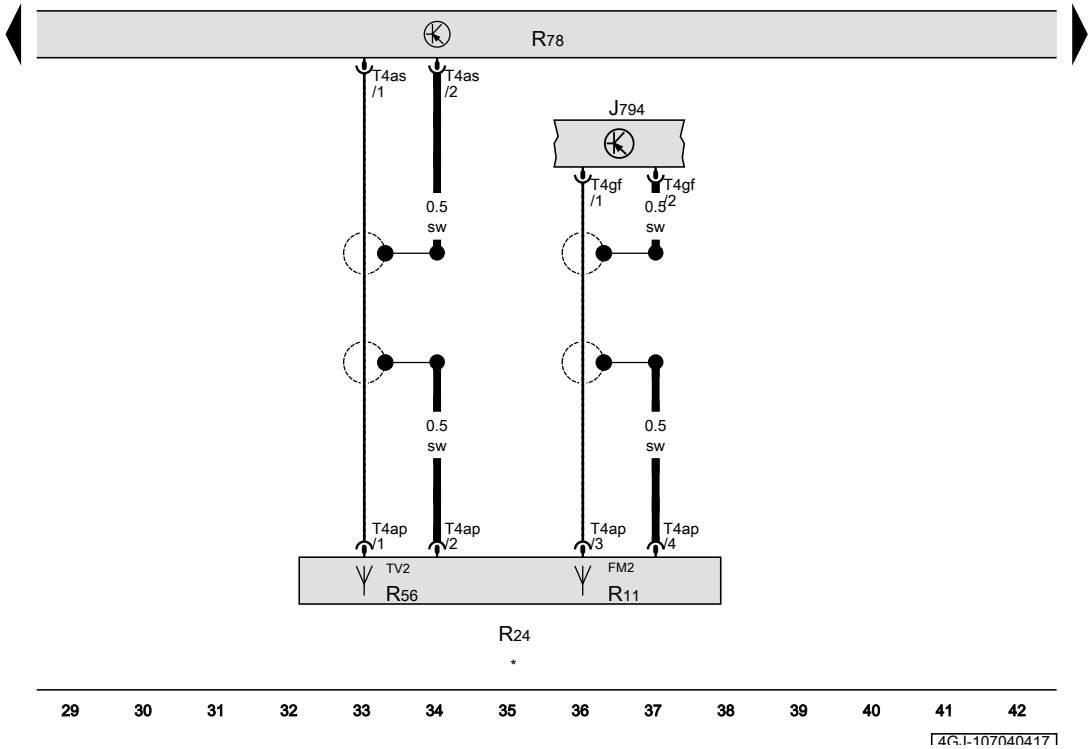
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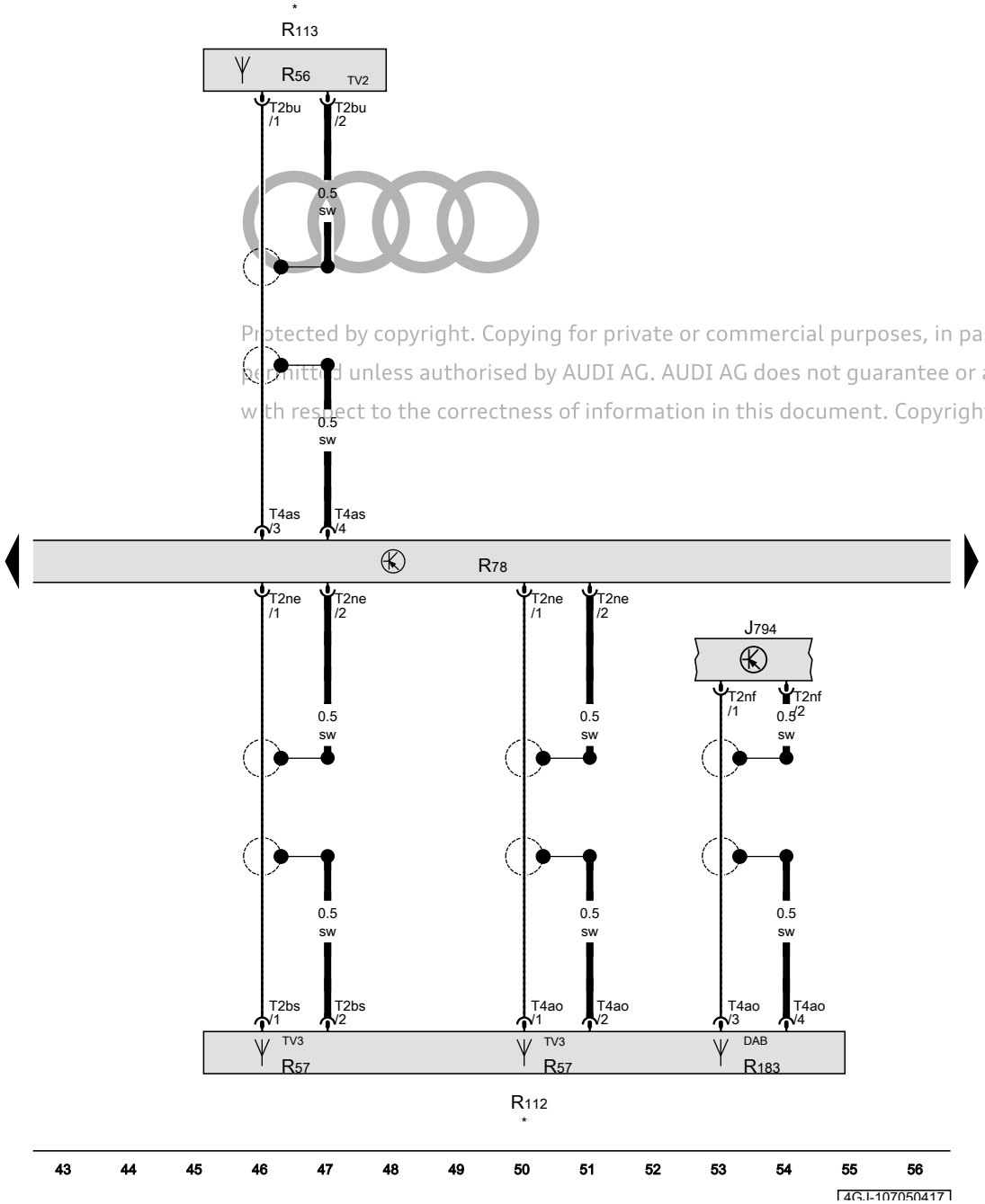
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Aerial amplifier, TV tuner

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R56	TV aerial 2
R78	TV tuner
T4ap	4-pin connector
T4as	4-pin connector
T4gf	4-pin connector
*	Saloon



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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TV tuner, Aerial amplifier 3

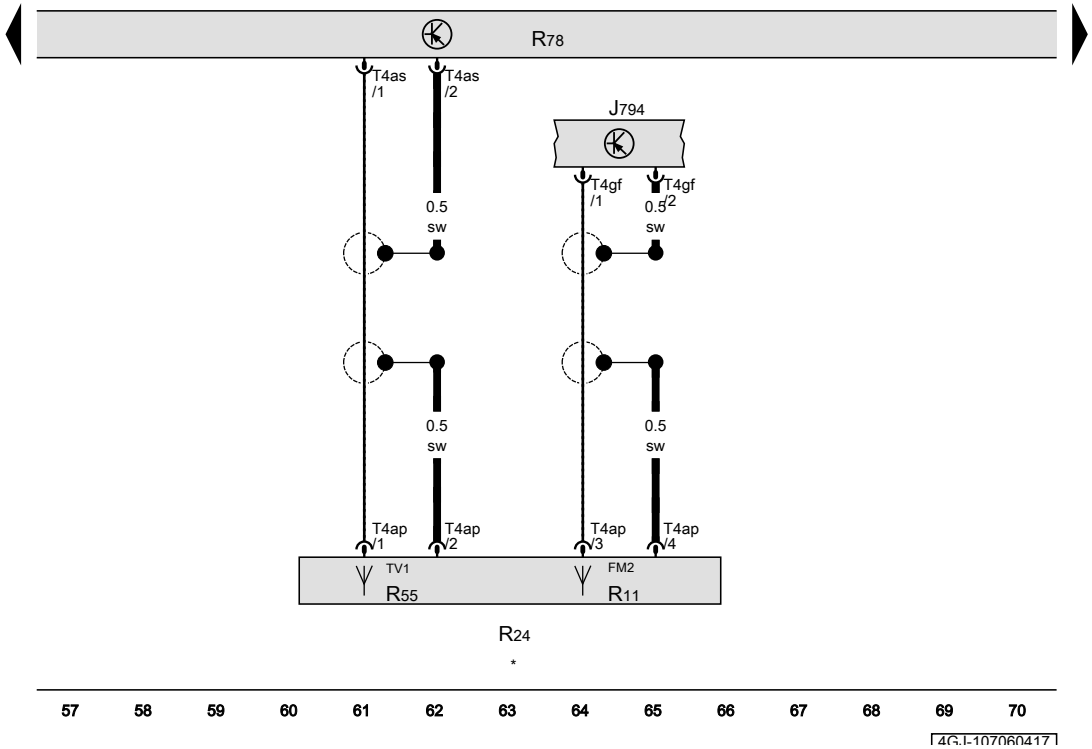
J794	Control unit 1 for information electronics
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3, in left side window
R113	Aerial amplifier 4, Rear window, top right
R183	Digital radio aerial
T2bs	2-pin connector
T2bu	2-pin connector
T2ne	2-pin connector
T2nf	2-pin connector
T4ao	4-pin connector
T4as	4-pin connector
*	Avant

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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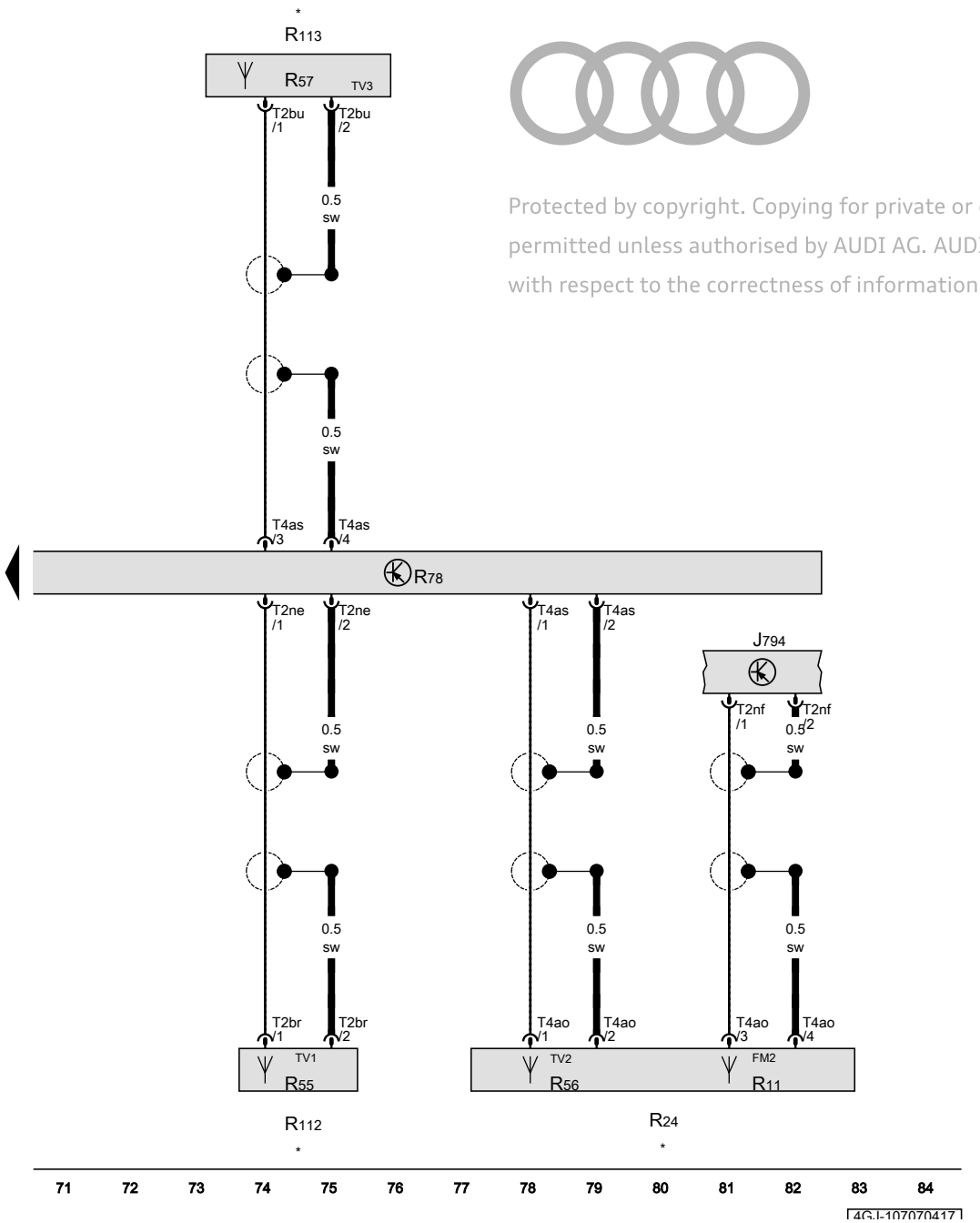
Aerial amplifier, TV tuner

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R78	TV tuner
T4ap	4-pin connector
T4as	4-pin connector
T4gf	4-pin connector
*	Avant

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Aerial amplifier, TV tuner

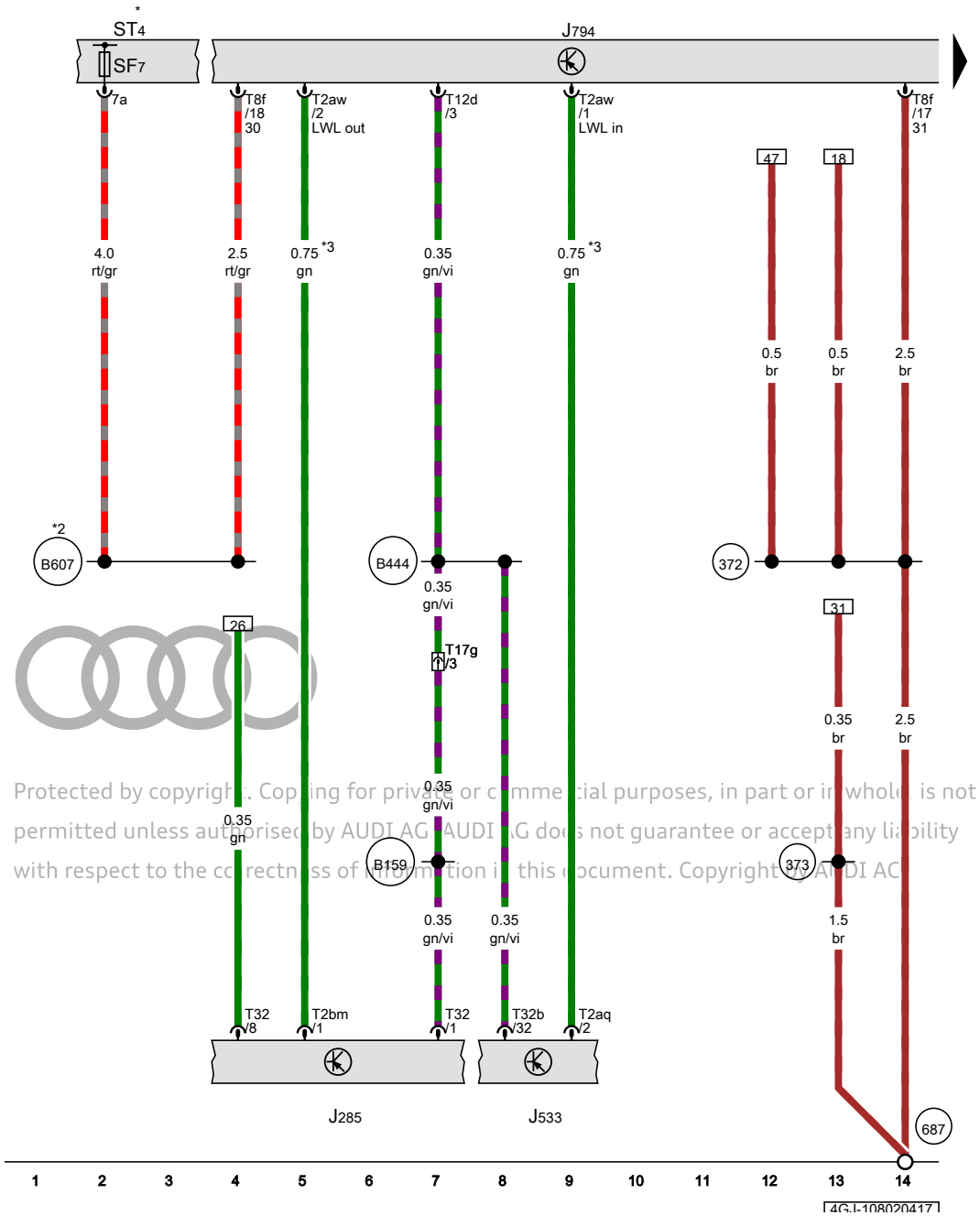
J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier, Rear window, bottom left
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
R112	Aerial amplifier 3
R113	Aerial amplifier 4, Rear window, top right
T2br	2-pin connector
T2bu	2-pin connector
T2ne	2-pin connector
T2nf	2-pin connector
T4ao	4-pin connector
T4as	4-pin connector
*	Only models with equipment for Japan

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Mobile telephone systems , (I8H),(9ZE)

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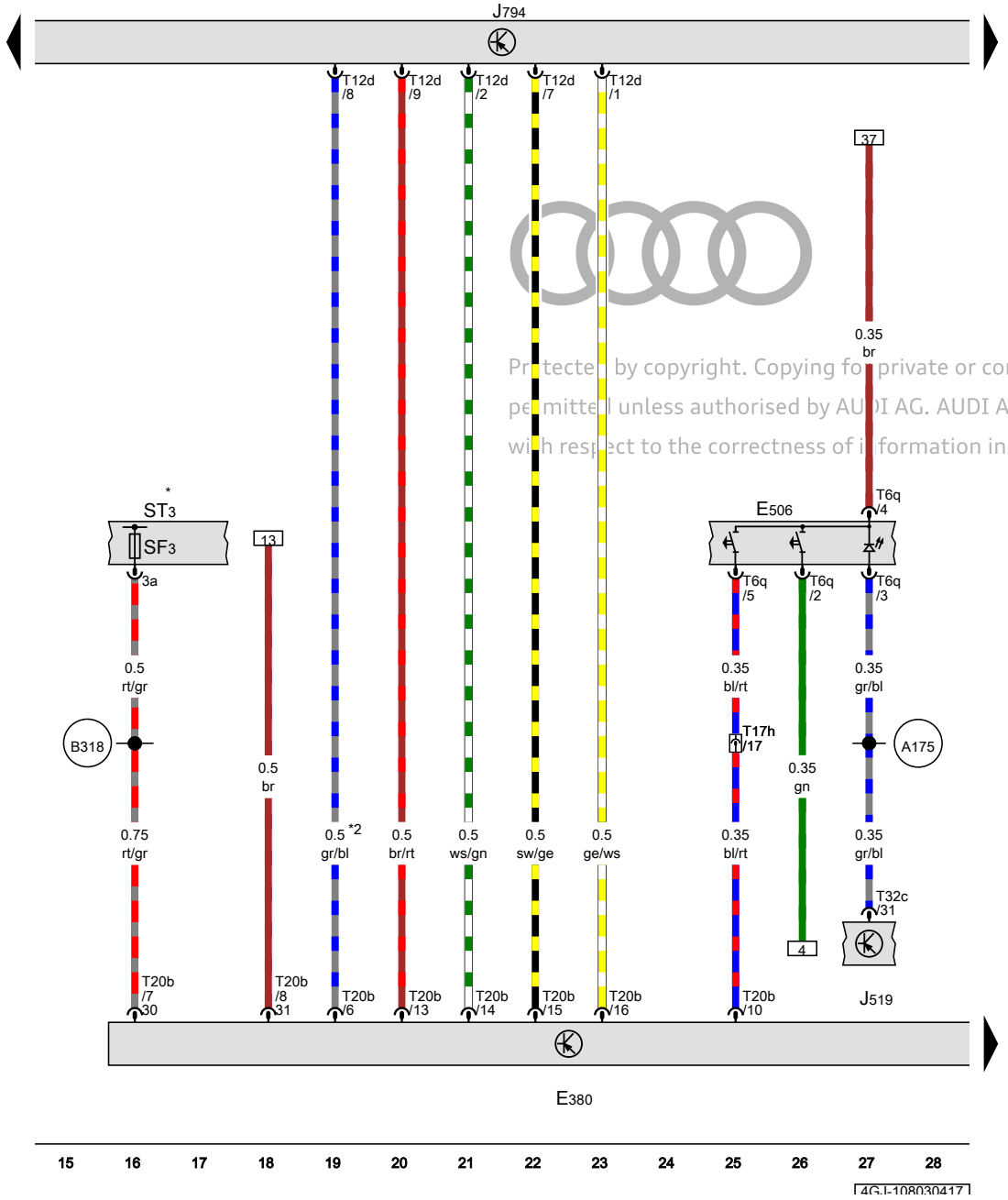


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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector, black
T2bm	2-pin connector
T8f	8-pin connector, black
T12d	12-pin connector, grey
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
T32b	32-pin connector, black
372	Earth connection 7, in main wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no noise cancellation
*3	Fibre optic cable (FOC)



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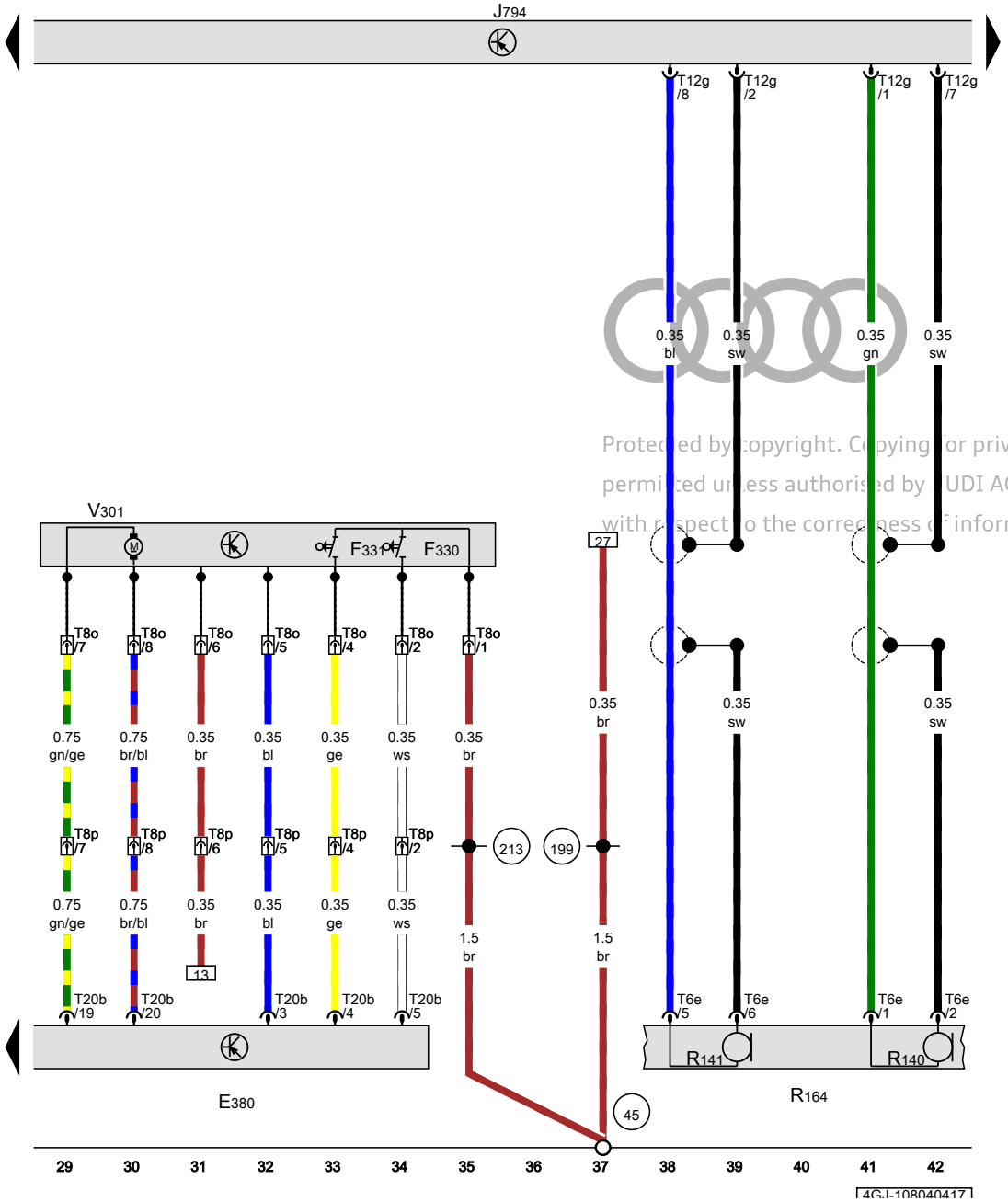
Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
E506	Display unit button
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T6q	6-pin connector, black
T12d	12-pin connector, grey
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector, red
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

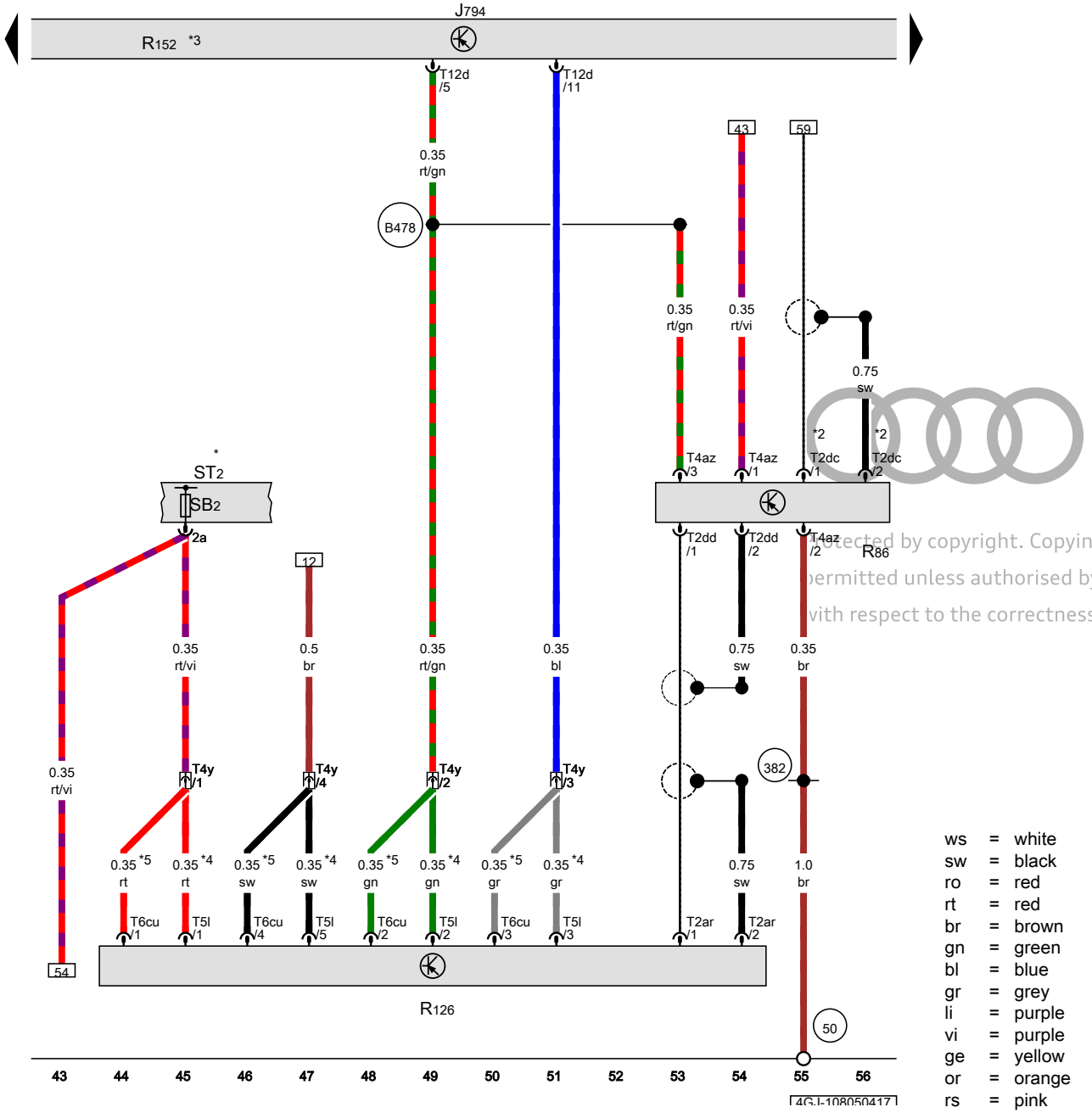
Multimedia system operating unit, Open display limit switch, Control unit 1 for information electronics, Microphone unit in front roof module, Open and close display motor

E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T6e	6-pin connector, blue
T8o	8-pin connector, black
T8p	8-pin connector, behind centre console, front left, black
T12g	12-pin connector, blue
T20b	20-pin connector, red
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
213	Earth connection, in dash panel wiring harness



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gn = green
bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Aerial amplifier for mobile telephone, Telephone bracket

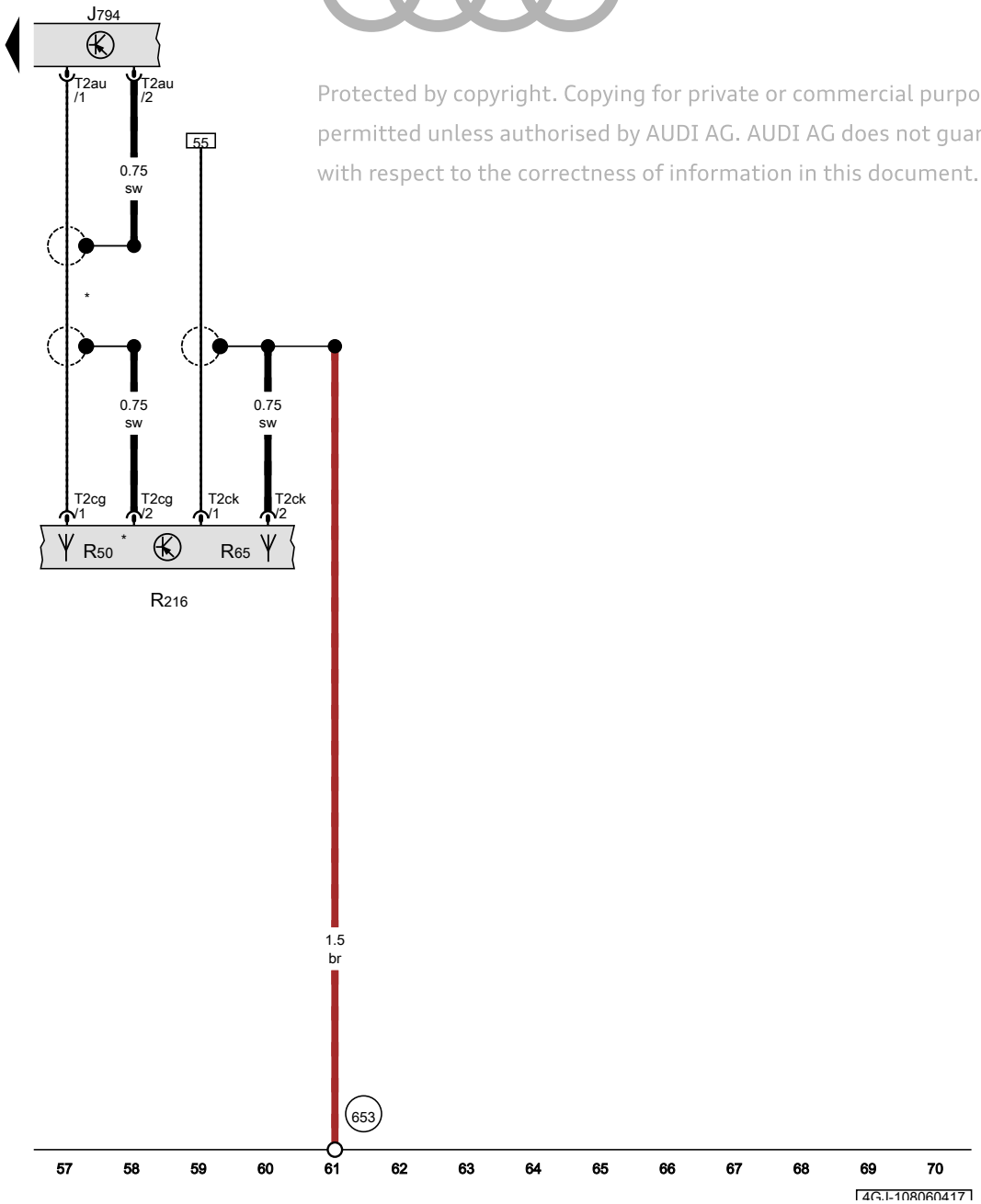
J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R152	Aerial for Bluetooth
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
T2ar	2-pin connector
T2dc	2-pin connector
T2dd	2-pin connector, black
T4az	4-pin connector, black
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T6cu	6-pin connector, black
T12d	12-pin connector, grey
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Connector colour depends on market
*3	For models with aerial for Bluetooth
*4	Up to May 2016
*5	From May 2016

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Control unit 1 for information electronics, Roof aerial

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R216	Roof aerial
T2au	2-pin connector, blue
T2cg	2-pin connector
T2ck	2-pin connector
653	Earth point, on left D-pillar
*	Aerial connection for GPS

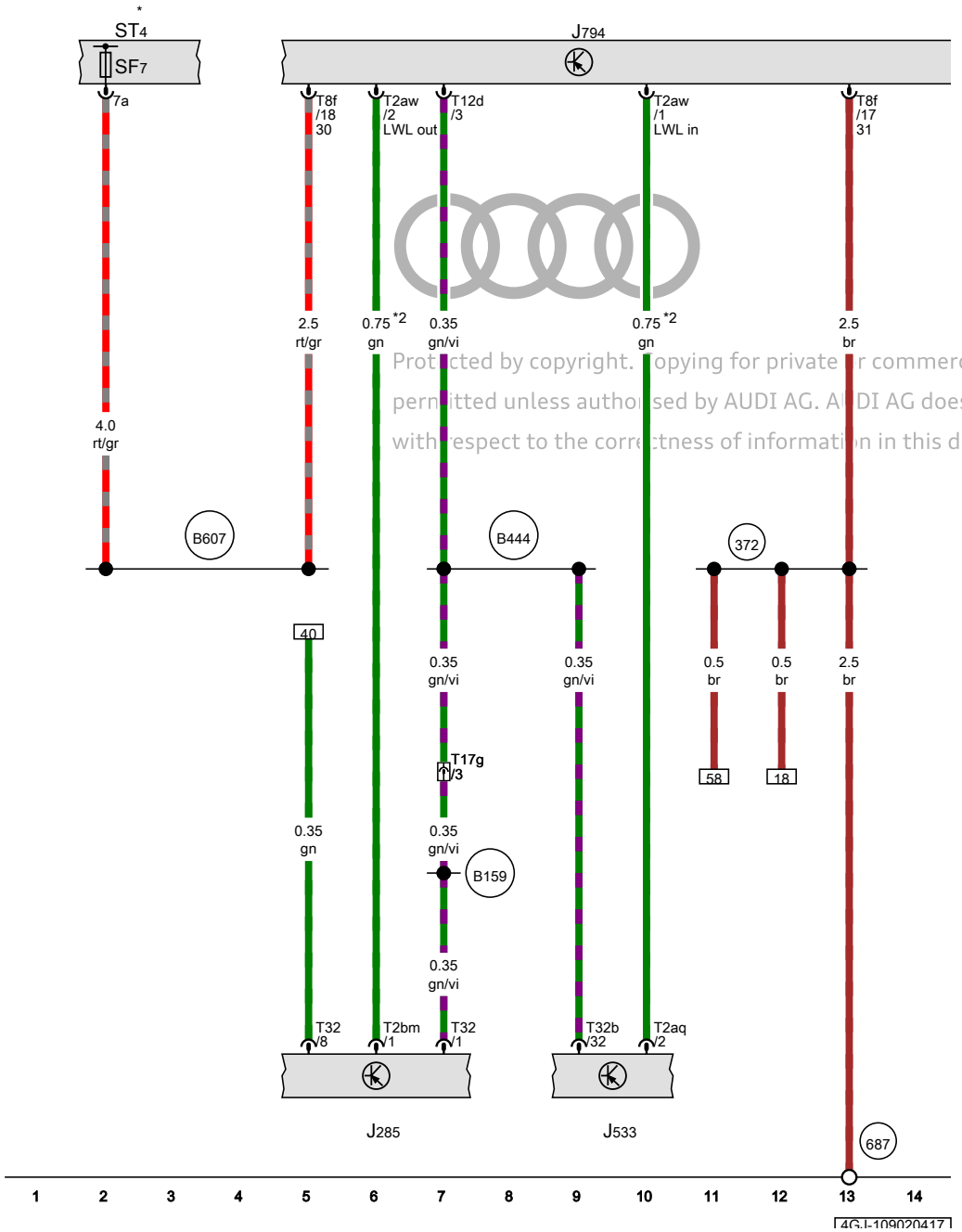


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or	=	orange
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MMI with integrated Bluetooth car phone , (QF1),(QF2)

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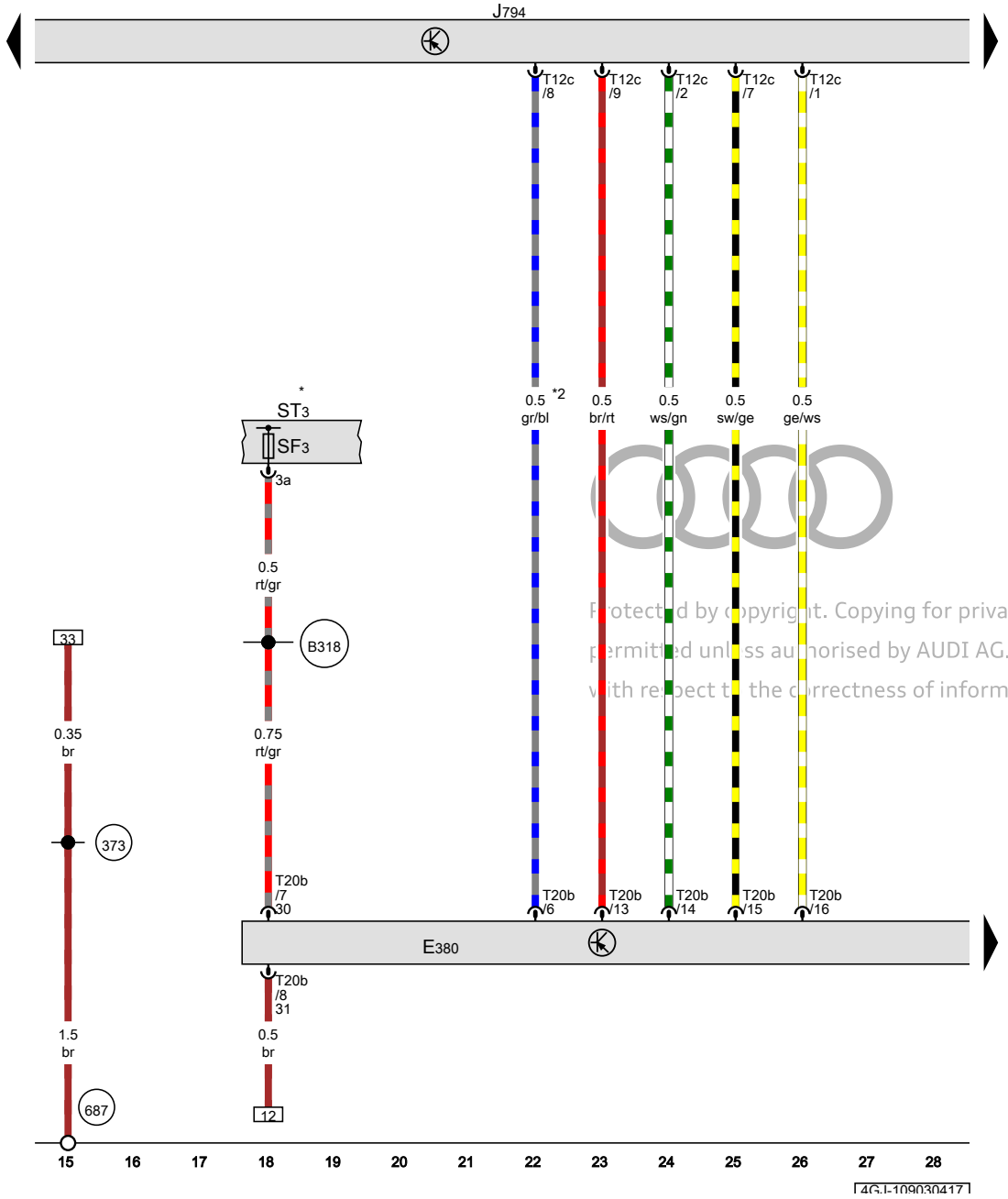
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics, in centre console
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector
T2bm	2-pin connector
T8f	8-pin connector
T12d	12-pin connector
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
T32b	32-pin connector
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)

Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
J794	Control unit 1 for information electronics, in centre console
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T12c	12-pin connector
T20b	20-pin connector
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

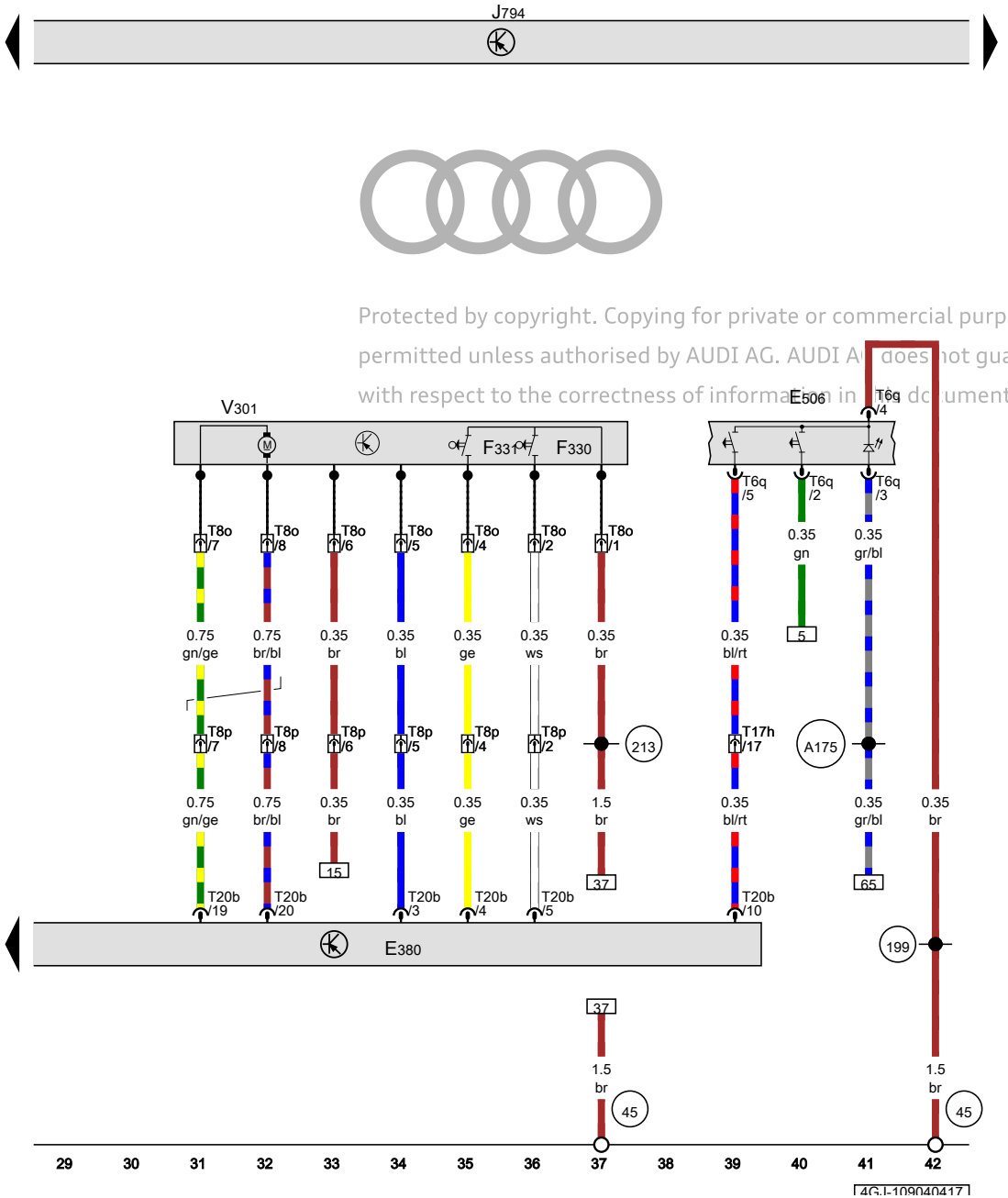


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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Multimedia system operating unit, Display unit button, Open display limit switch, Control unit 1 for information electronics, Open and close display motor

E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics, in centre console
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
213	Earth connection, in dash panel wiring harness
A175	Connection (58s), in dash panel wiring harness

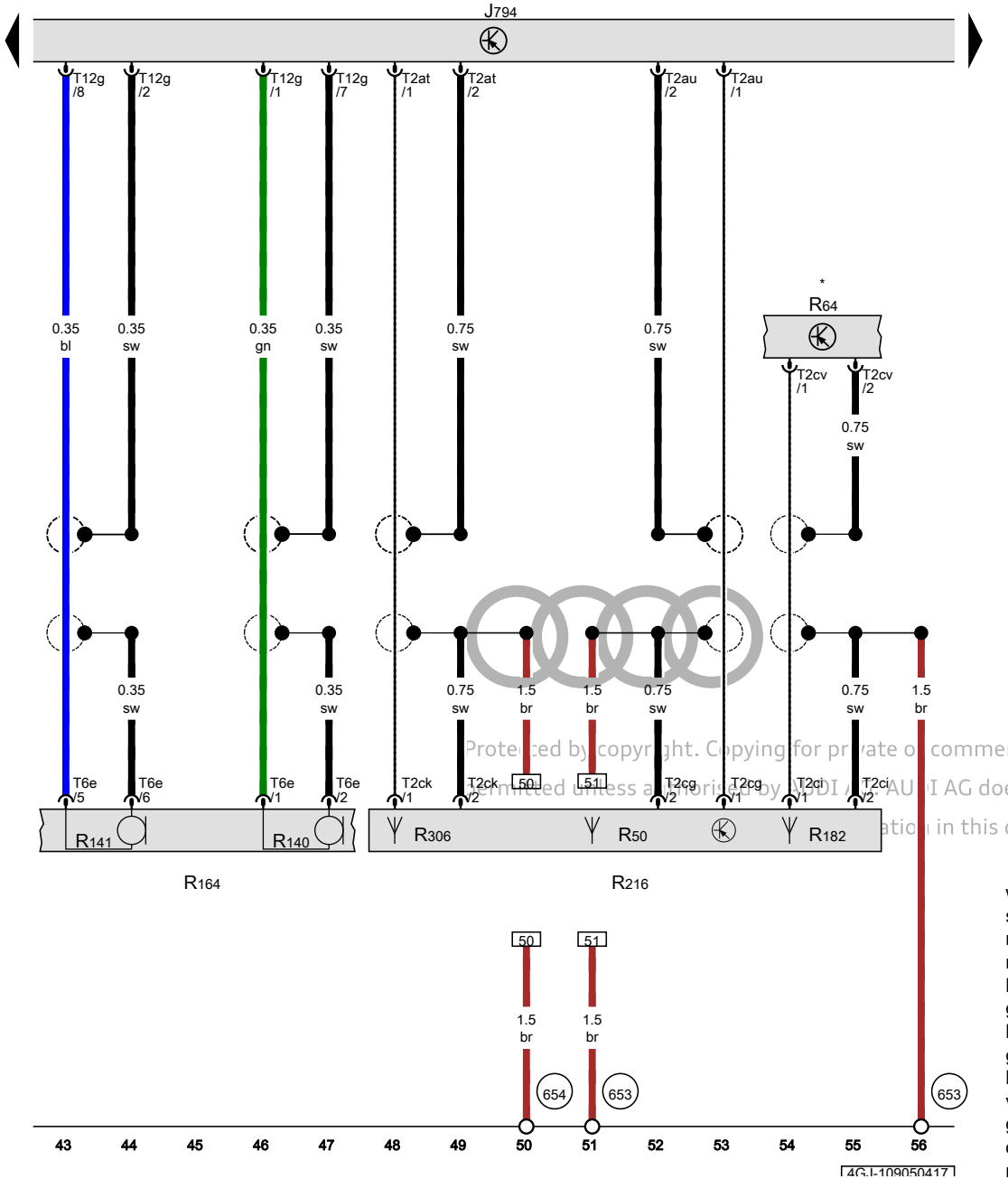


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Control unit 1 for information electronics, Microphone unit in front roof module, Roof aerial

J794	Control unit 1 for information electronics, in centre console
R50	GPS aerial
R64	Remote control receiver for auxiliary heater
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
R182	Auxiliary heater aerial
R216	Roof aerial
R306	LTE aerial 2
T2at	2-pin connector
T2au	2-pin connector
T2cg	2-pin connector
T2ci	2-pin connector
T2ck	2-pin connector
T2cv	2-pin connector
T6e	6-pin connector
T12g	12-pin connector
653	Earth point, on left D-pillar
654	Earth point, on right D-pillar
*	Only models with auxiliary heating

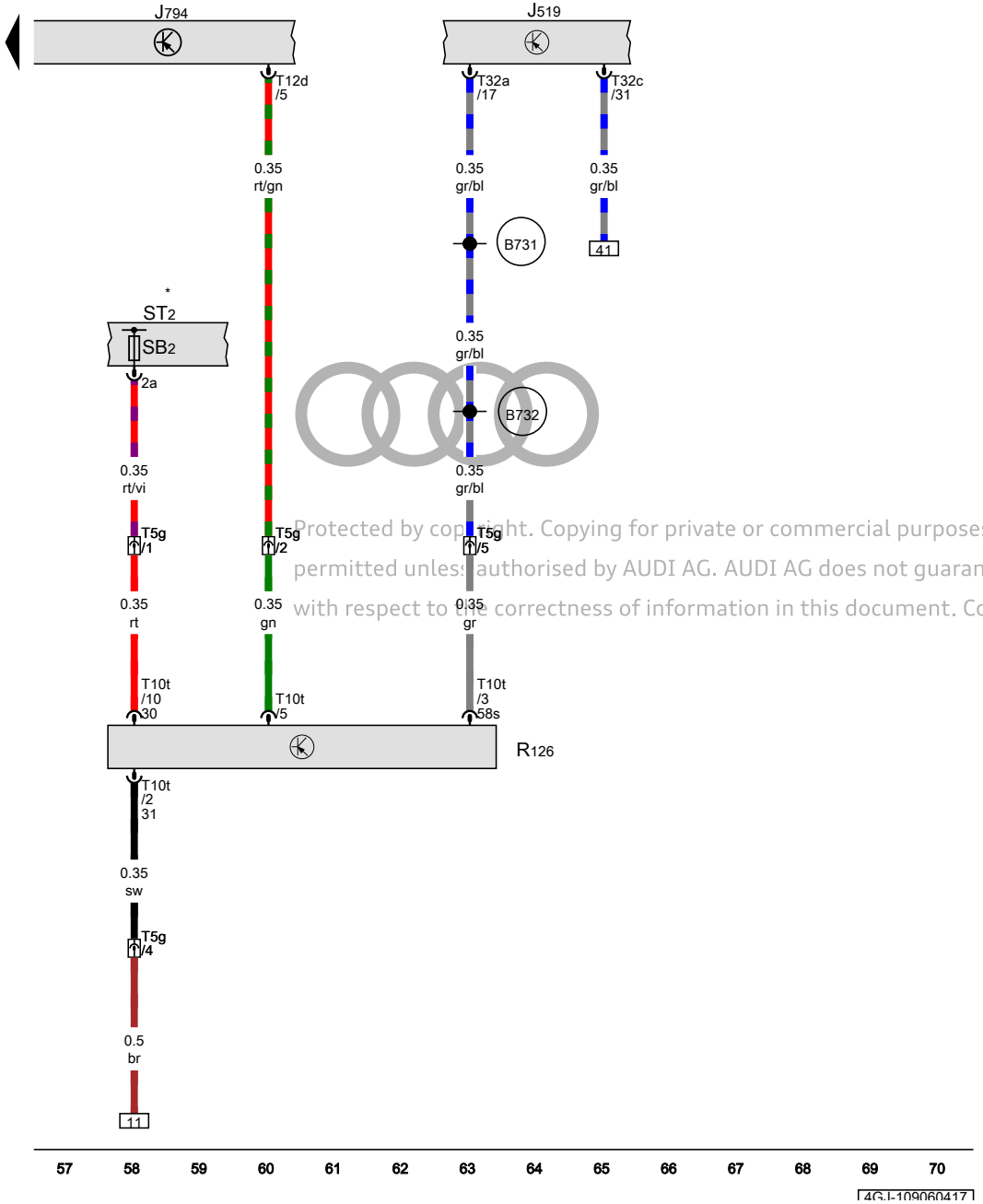


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Control unit 1 for information electronics, Telephone bracket

J519	Onboard supply control unit
J794	Control unit 1 for information electronics, in centre console
R126	Telephone bracket
ST2	Fuse carrier 2
SB2	Fuse 2 on fuse holder B
T5g	5-pin connector, near telephone bracket
T10t	10-pin connector
T12d	12-pin connector
T32a	32-pin connector
T32c	32-pin connector
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	see applicable current flow diagram for fuse assignment



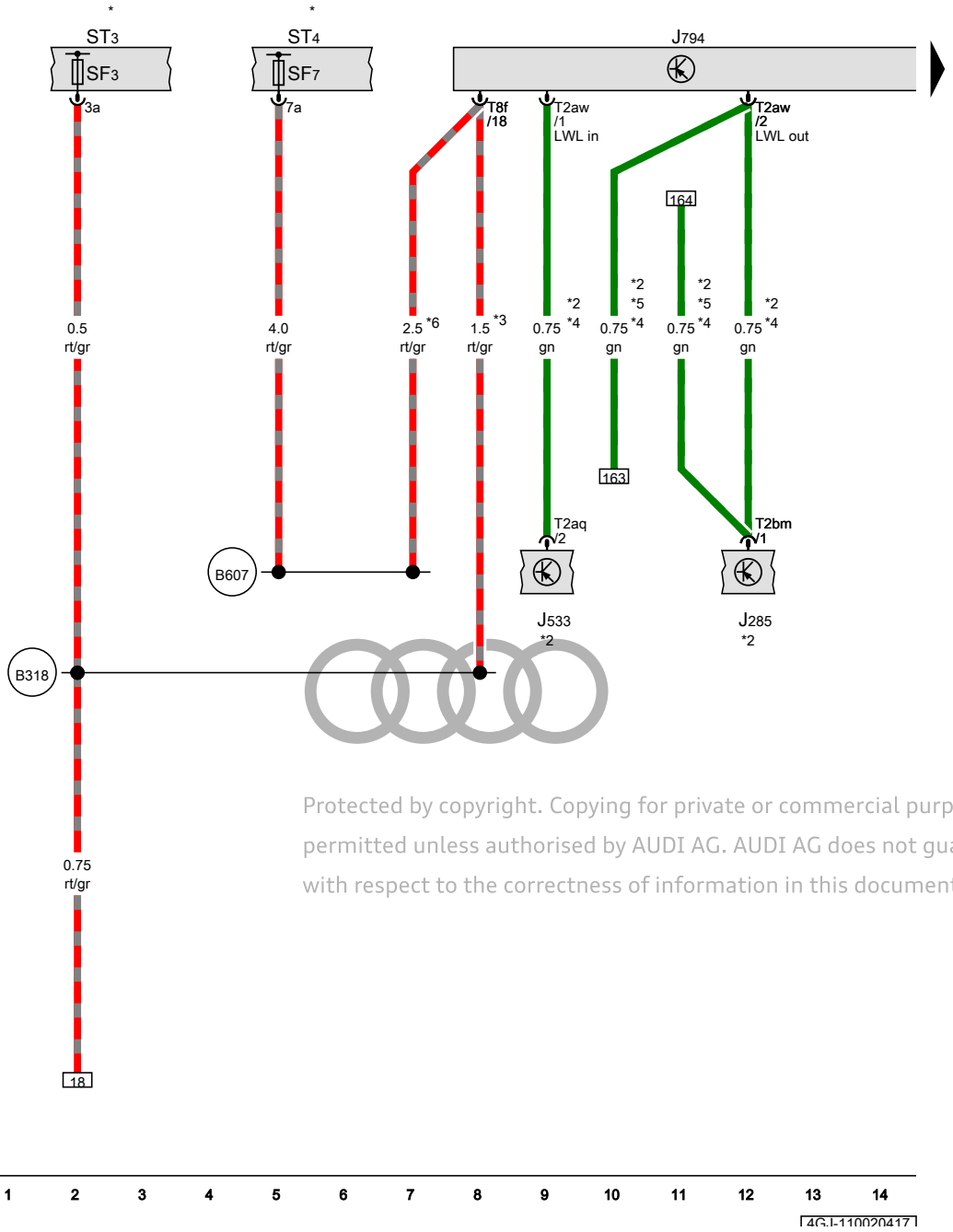
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Radio system , (8DN),(8DP),(8DS)

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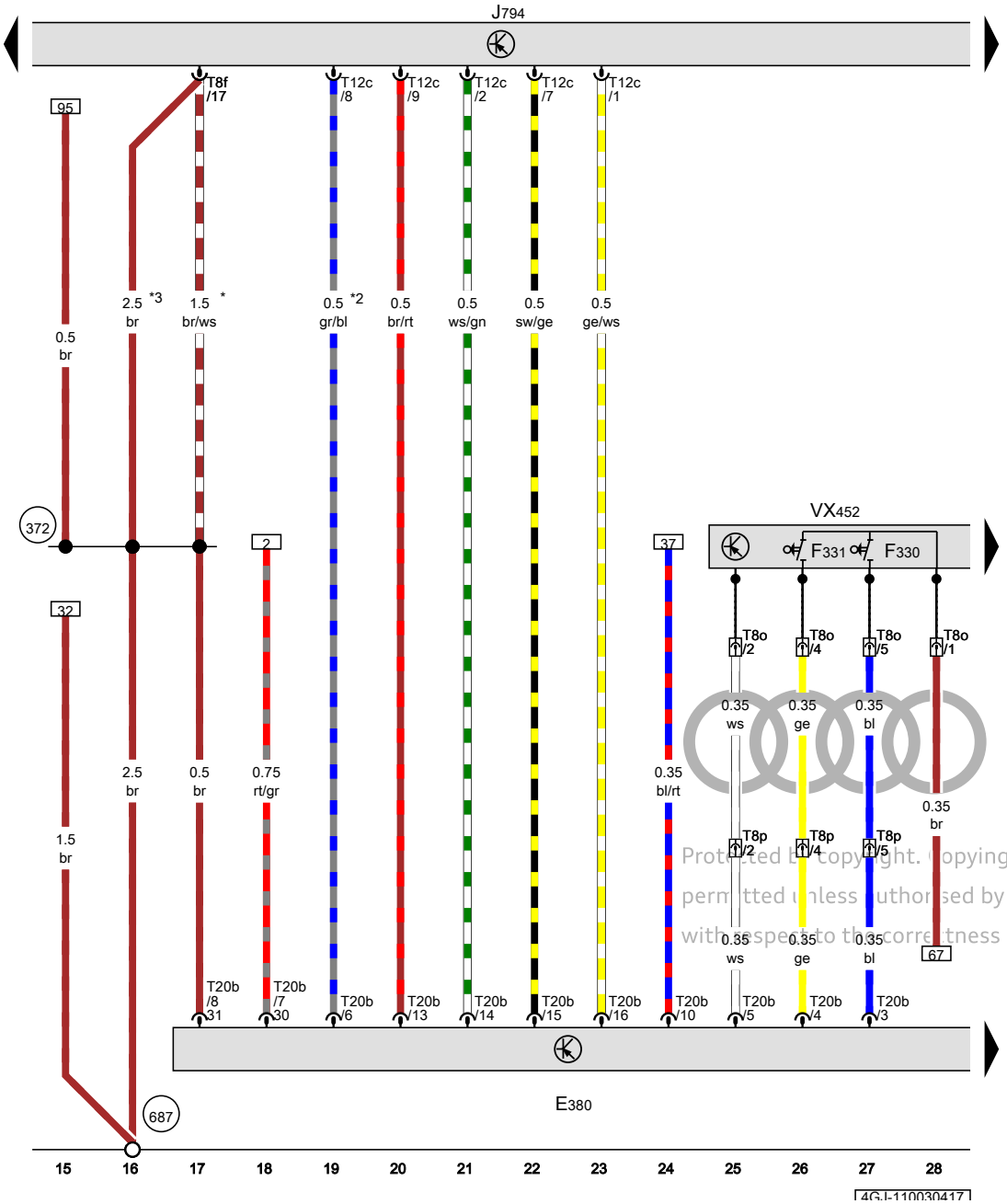


Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector
T2bm	2-pin connector
T8f	8-pin connector
B318	Positive connection 4 (30a) in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Only models with BOSE sound system
*4	Fibre optic cable (FOC)
*5	For models with CD changer
*6	Only models with no noise cancellation

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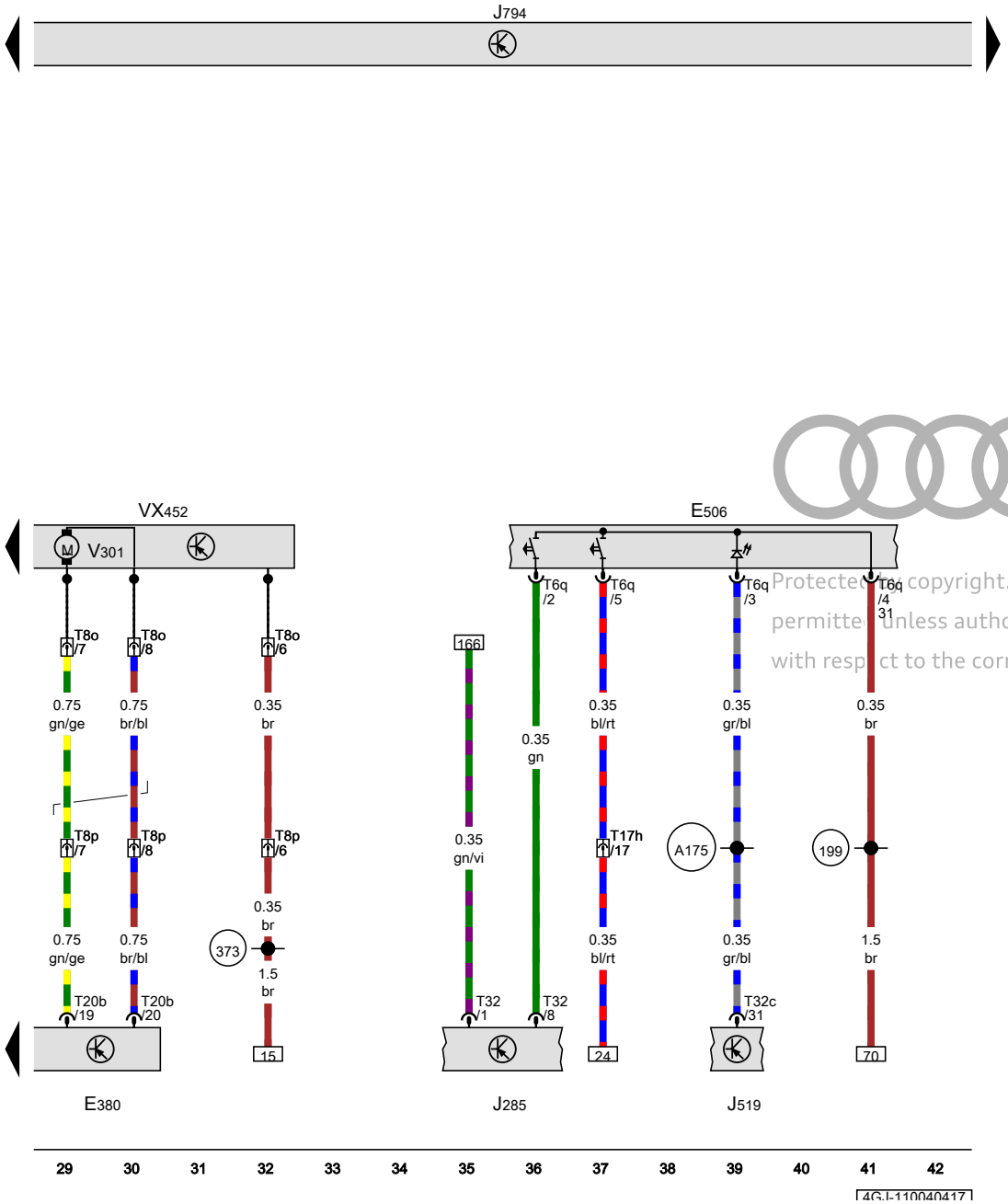


Multimedia system operating unit, Open display limit switch, Control unit 1 for information electronics, Pivot mechanism for display

E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
T8f	8-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T12c	12-pin connector
T20b	20-pin connector
VX452	Pivot mechanism for display
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
*	Only models with BOSE sound system
*2	Wake-up wire
*3	Only models with no noise cancellation

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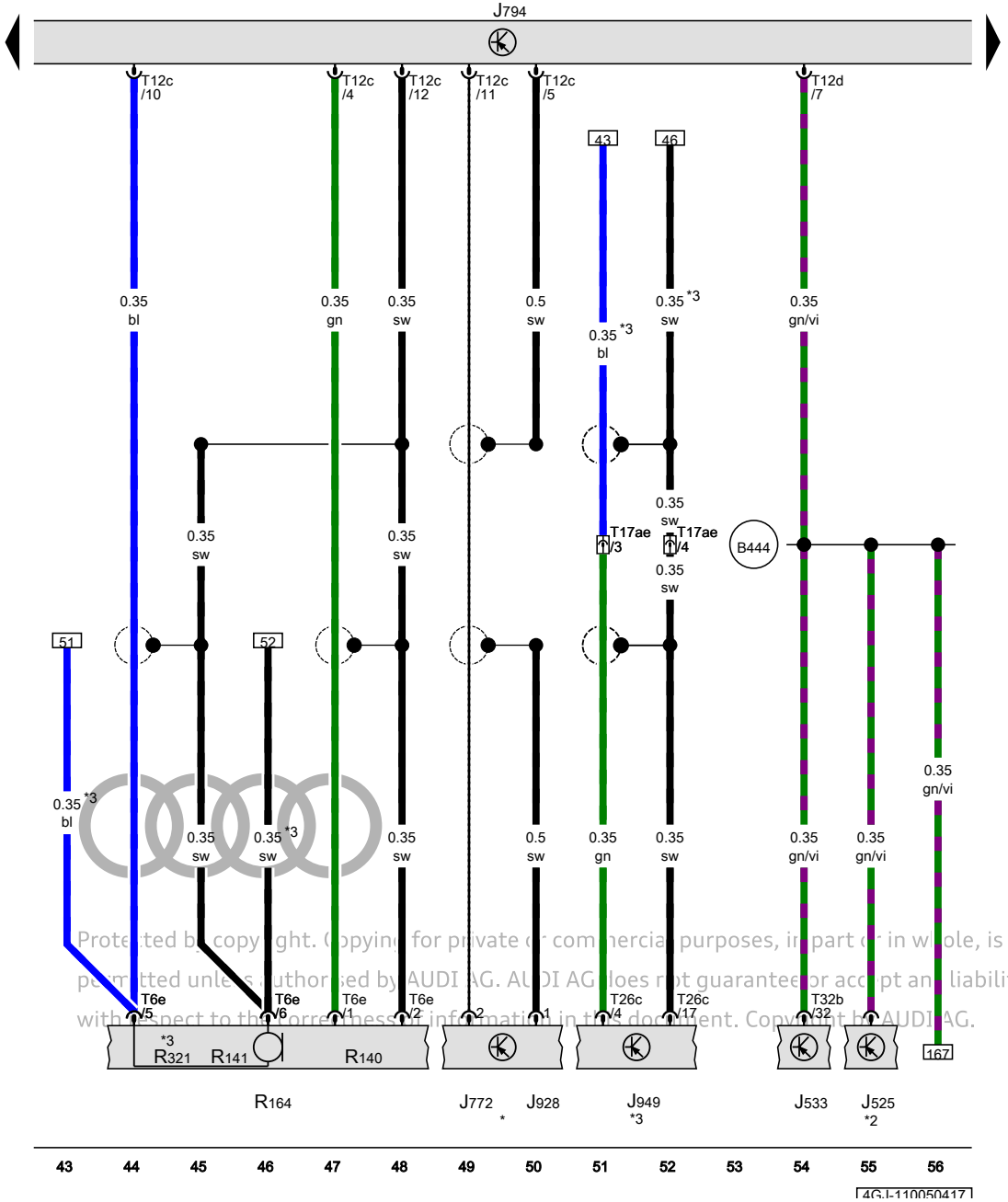


Multimedia system operating unit, Control unit in dash panel insert, Control unit 1 for information electronics, Pivot mechanism for display

E380	Multimedia system operating unit
E506	Display unit button
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
T32	32-pin connector
T32c	32-pin connector
V301	Open and close display motor
VX452	Pivot mechanism for display
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
A175	Connection (58s), in dash panel wiring harness

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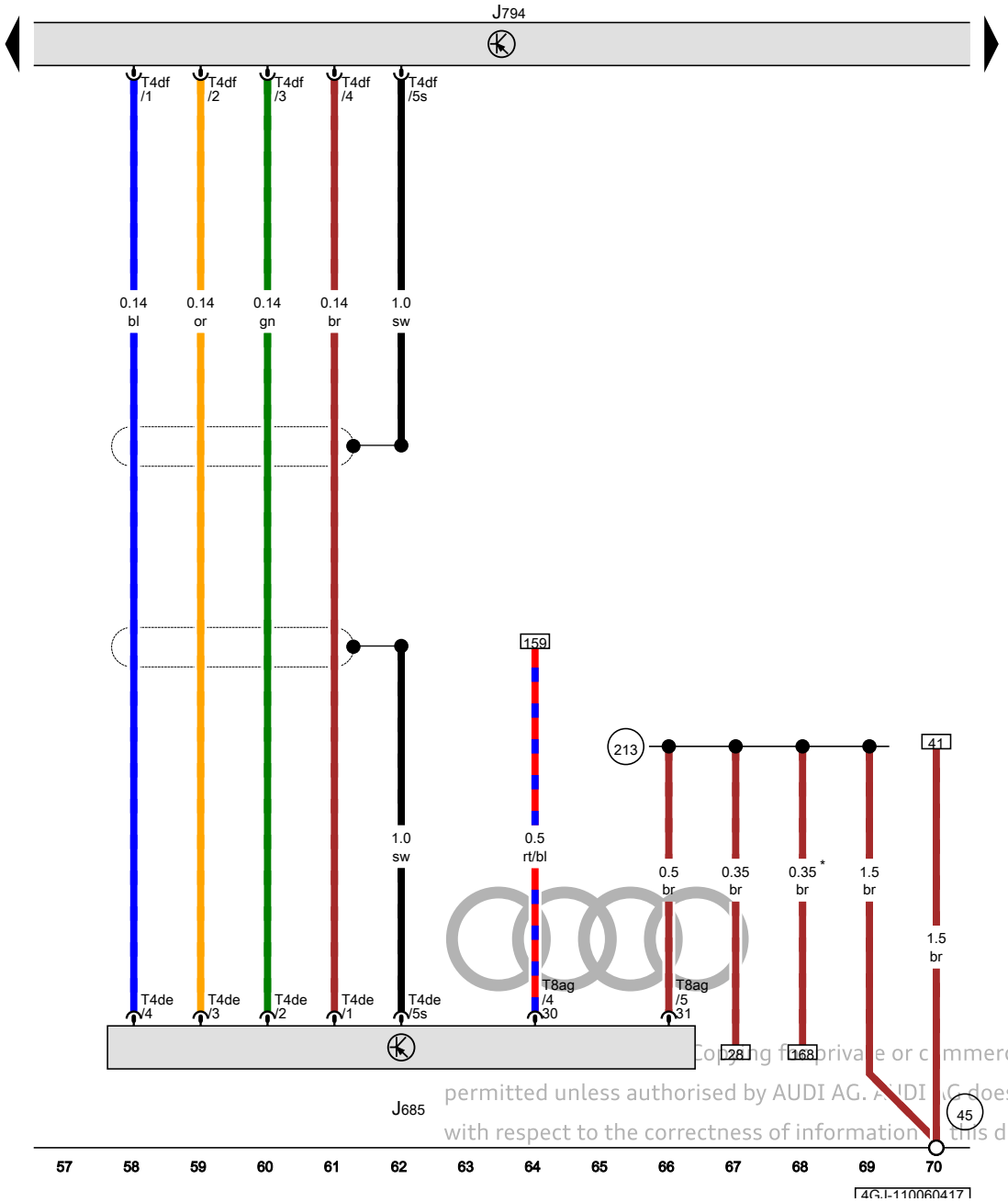
Control unit 1 for information electronics, Emergency call module control unit and communication unit, Microphone unit in front roof module

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
J928	Control unit for overhead view camera
J949	Emergency call module control unit and communication unit
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
R321	Microphone for emergency call module
T6e	6-pin connector
T12c	12-pin connector
T12d	12-pin connector
T17ae	17-pin connector, in right A-pillar coupling station, green
T26c	26-pin connector, black
T32b	32-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for sound system
*3	Only models with emergency call module

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

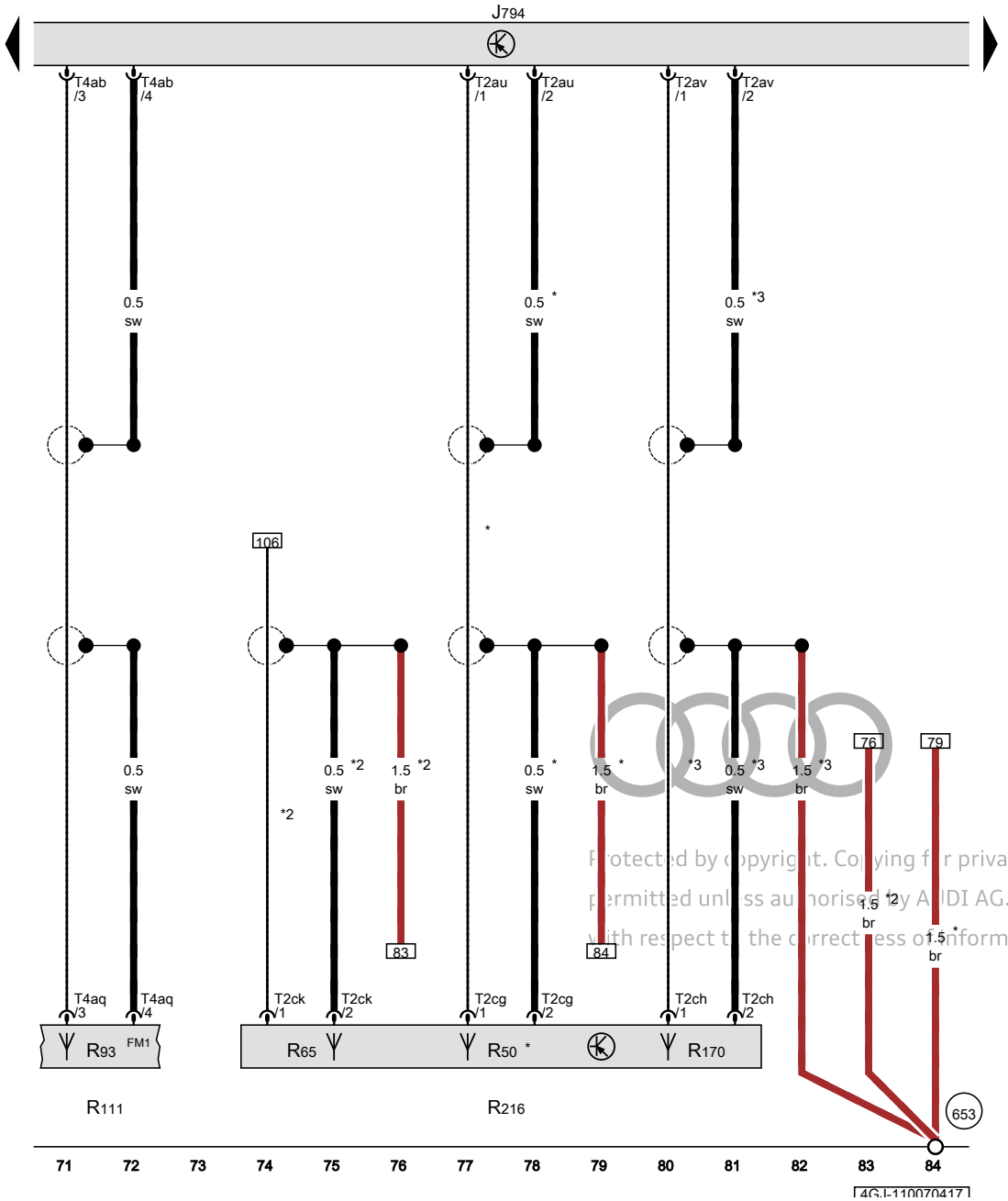
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T4de	4-pin connector
T4df	4-pin connector
T8ag	8-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	For models with CD changer



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
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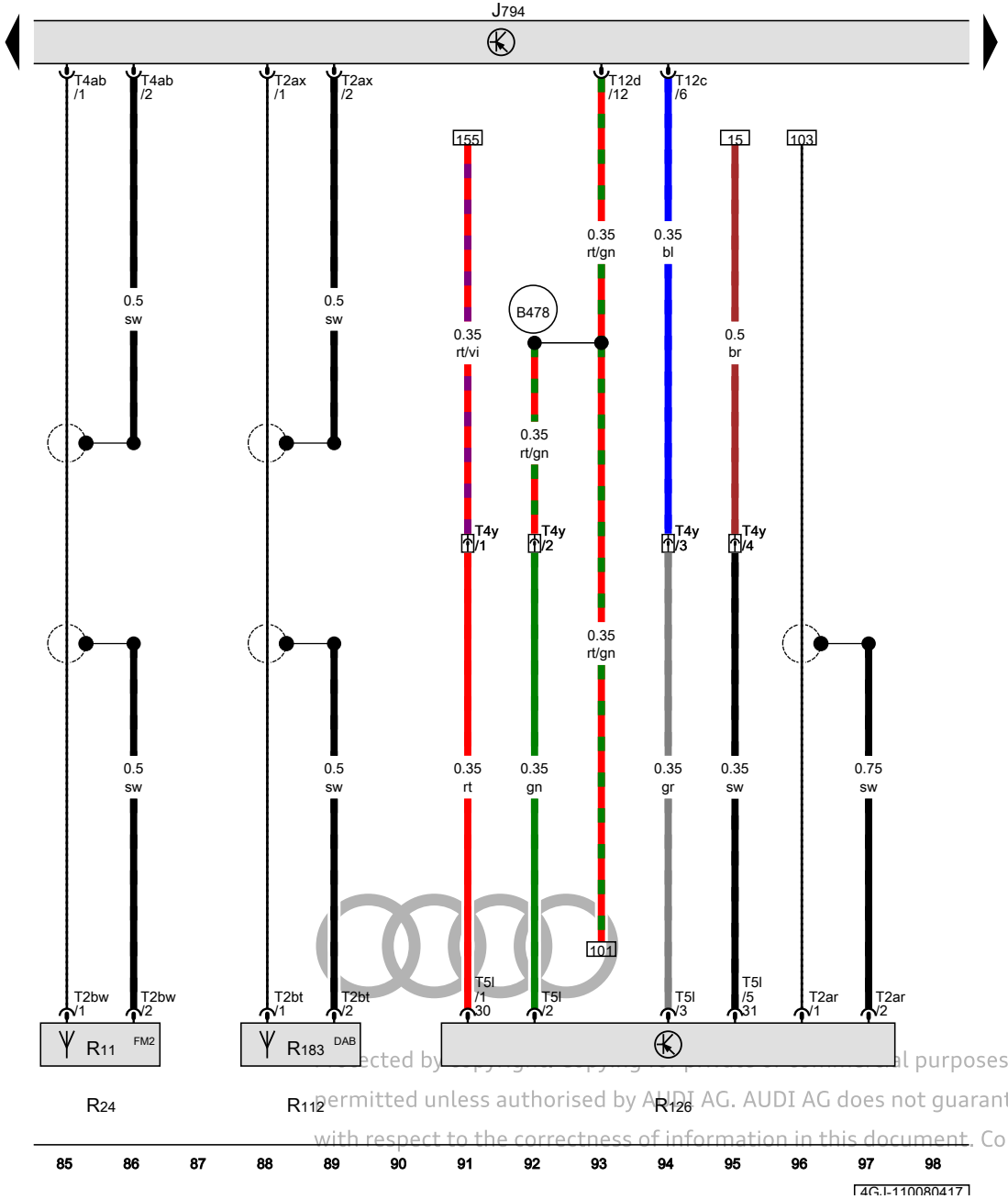
Control unit 1 for information electronics, Aerial amplifier 2



J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R93	Radio aerial 2
R111	Aerial amplifier 2
R170	Satellite aerial
R216	Roof aerial
T2au	2-pin connector
T2av	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ck	2-pin connector
T4ab	4-pin connector
T4aq	4-pin connector
653	Earth point, on left D-pillar
*	Only models with navigation system
*2	Only models with preparation for mobile telephone
*3	Only for American markets

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 3, Telephone bracket

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier
R112	Aerial amplifier 3
R126	Telephone bracket
R183	Digital radio aerial
T2ar	2-pin connector
T2ax	2-pin connector
T2bt	2-pin connector
T2bw	2-pin connector
T4ab	4-pin connector
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T12c	12-pin connector
T12d	12-pin connector
B478	Connection 14, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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rs	=	pink

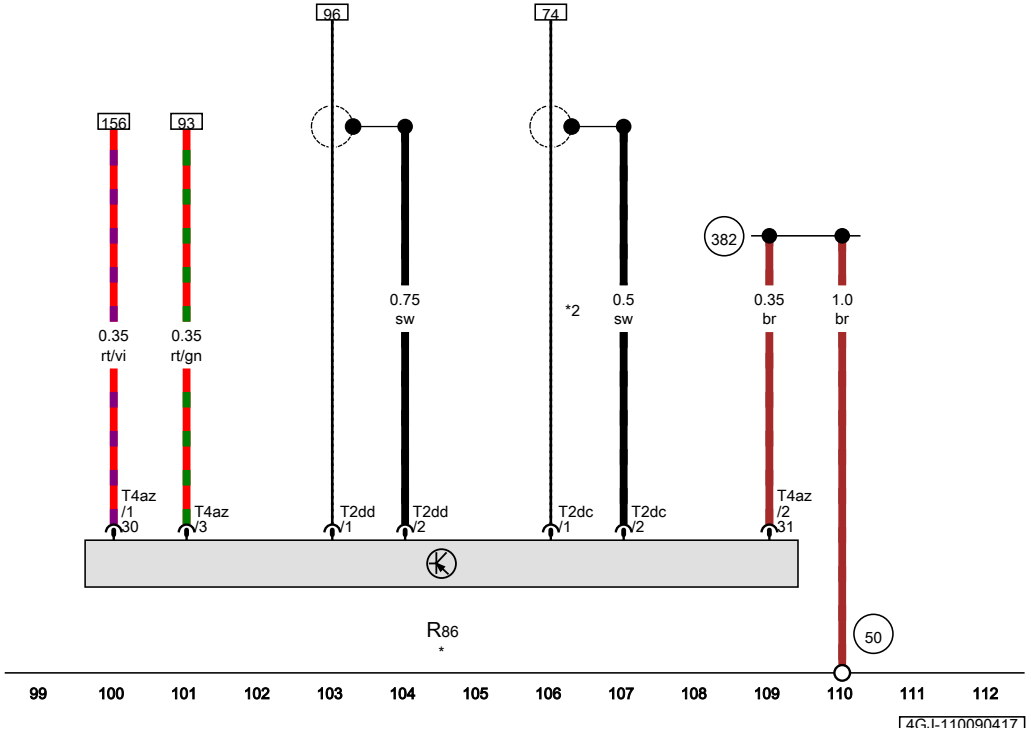
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Control unit 1 for information electronics, Aerial amplifier for mobile telephone

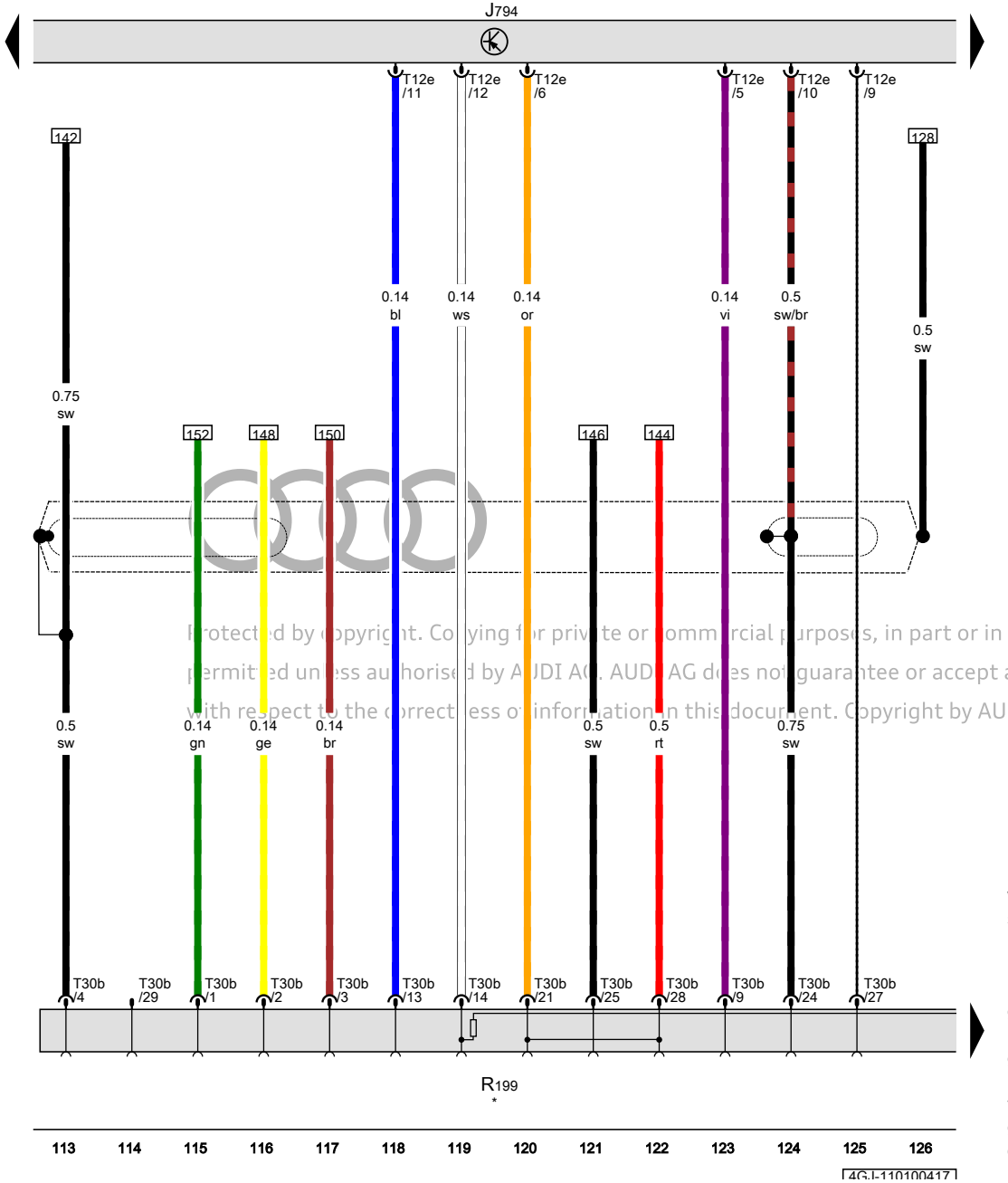
J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
T2dc	2-pin connector
T2dd	2-pin connector
T4az	4-pin connector
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness
*	Not for American markets
*2	Only models with preparation for mobile telephone



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12e	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface

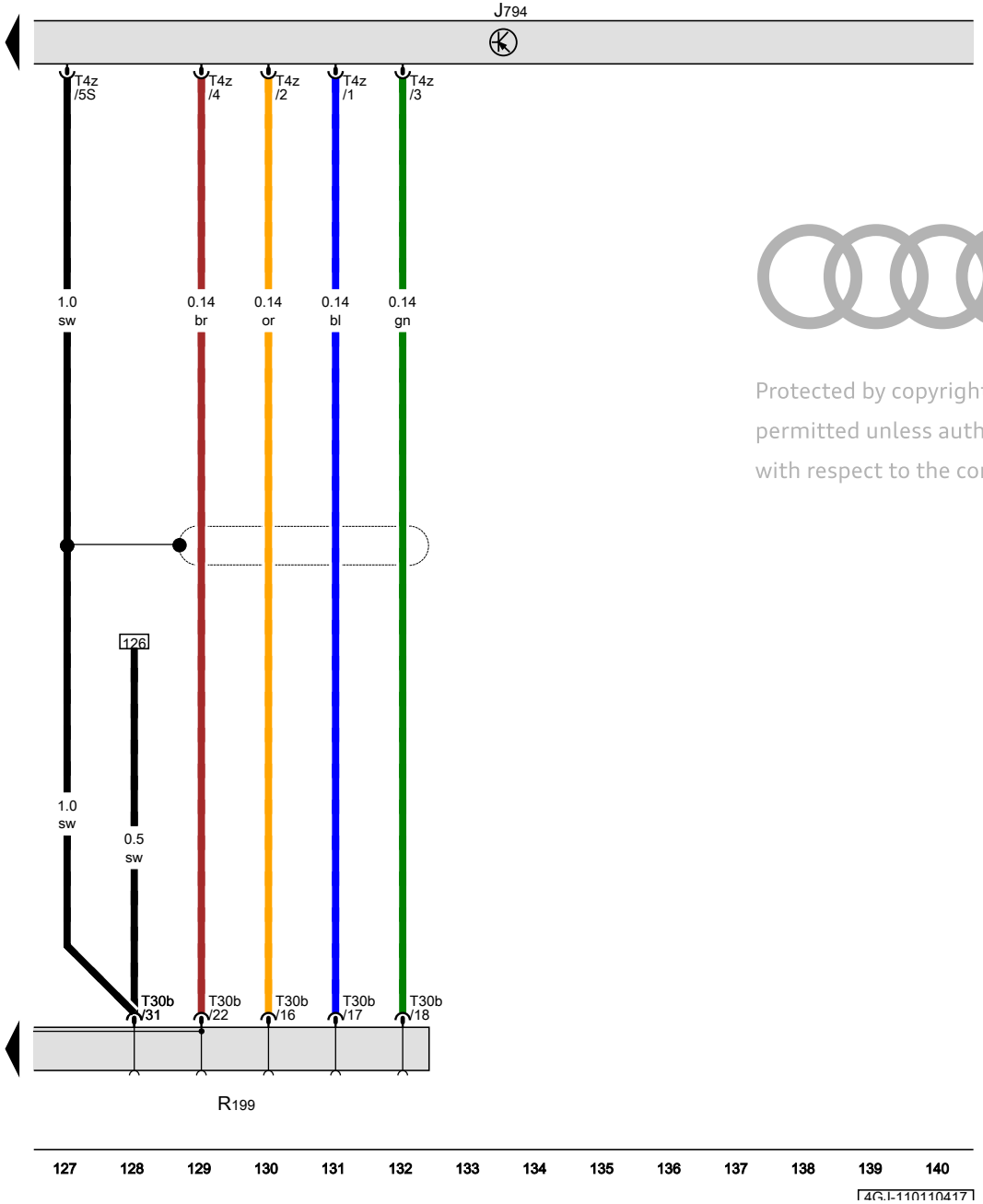


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4z	4-pin connector
T30b	30-pin connector

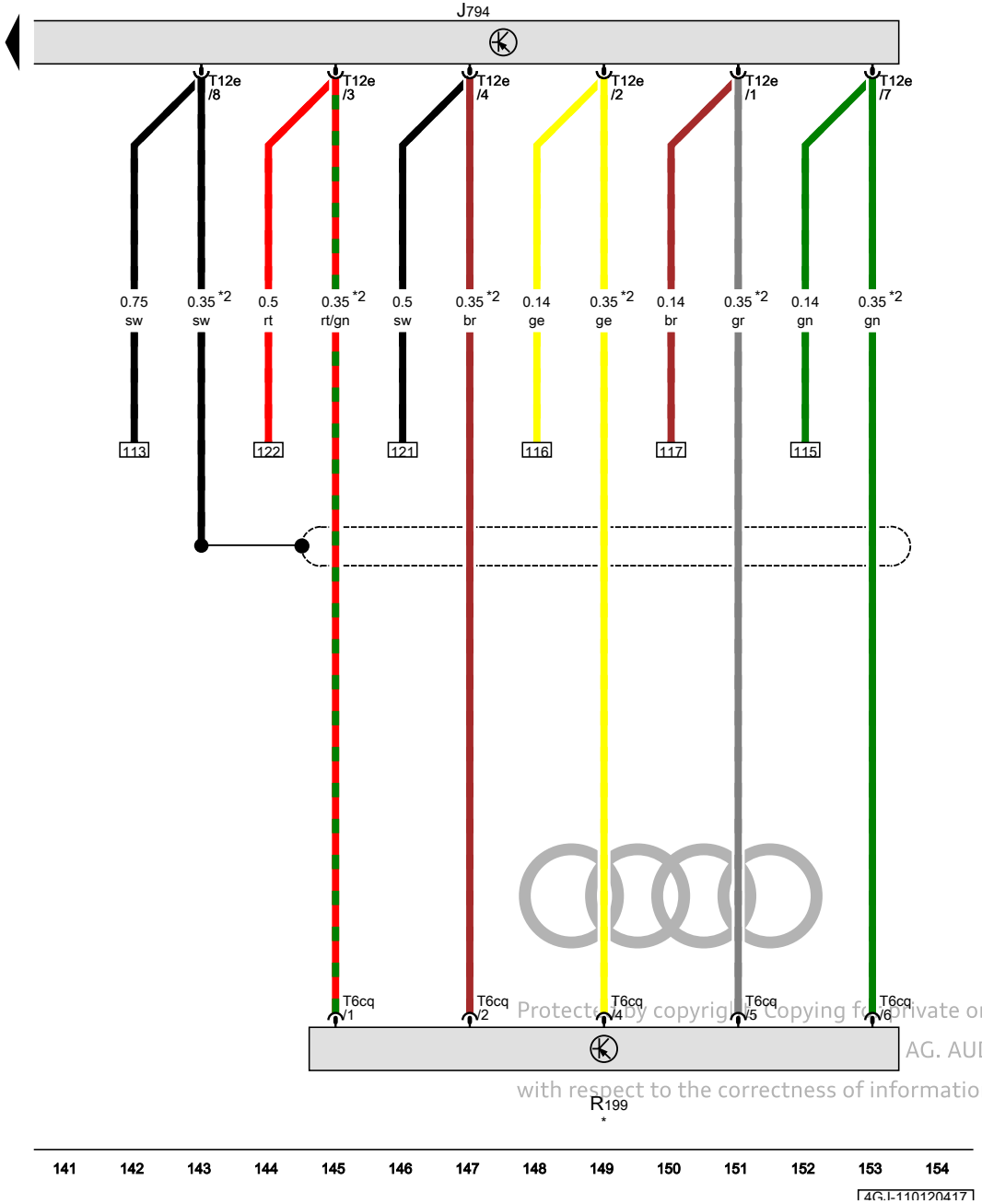


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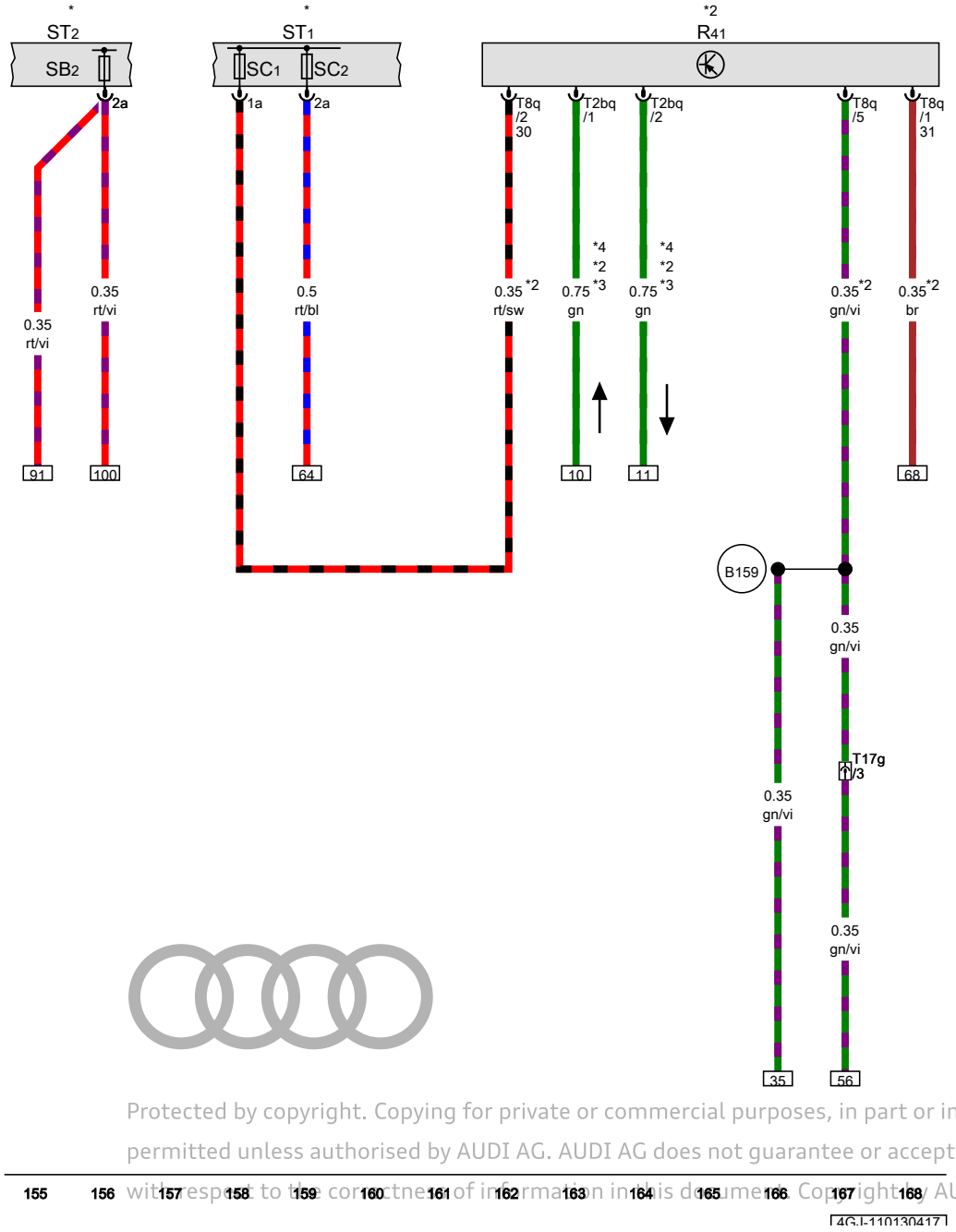
Control unit 1 for information electronics, Connection for external audio sources

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T6cq	6-pin connector
T12e	12-pin connector
*	Only models with connection for external audio sources - AUX-IN socket
*2	Only models with passive loudspeakers



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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CD changer

R41	CD changer
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
T2bq	2-pin connector
T8q	8-pin connector
T17g	17-pin connector, in left A-pillar coupling station
B159	Connection (diagnosis), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with CD changer
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network

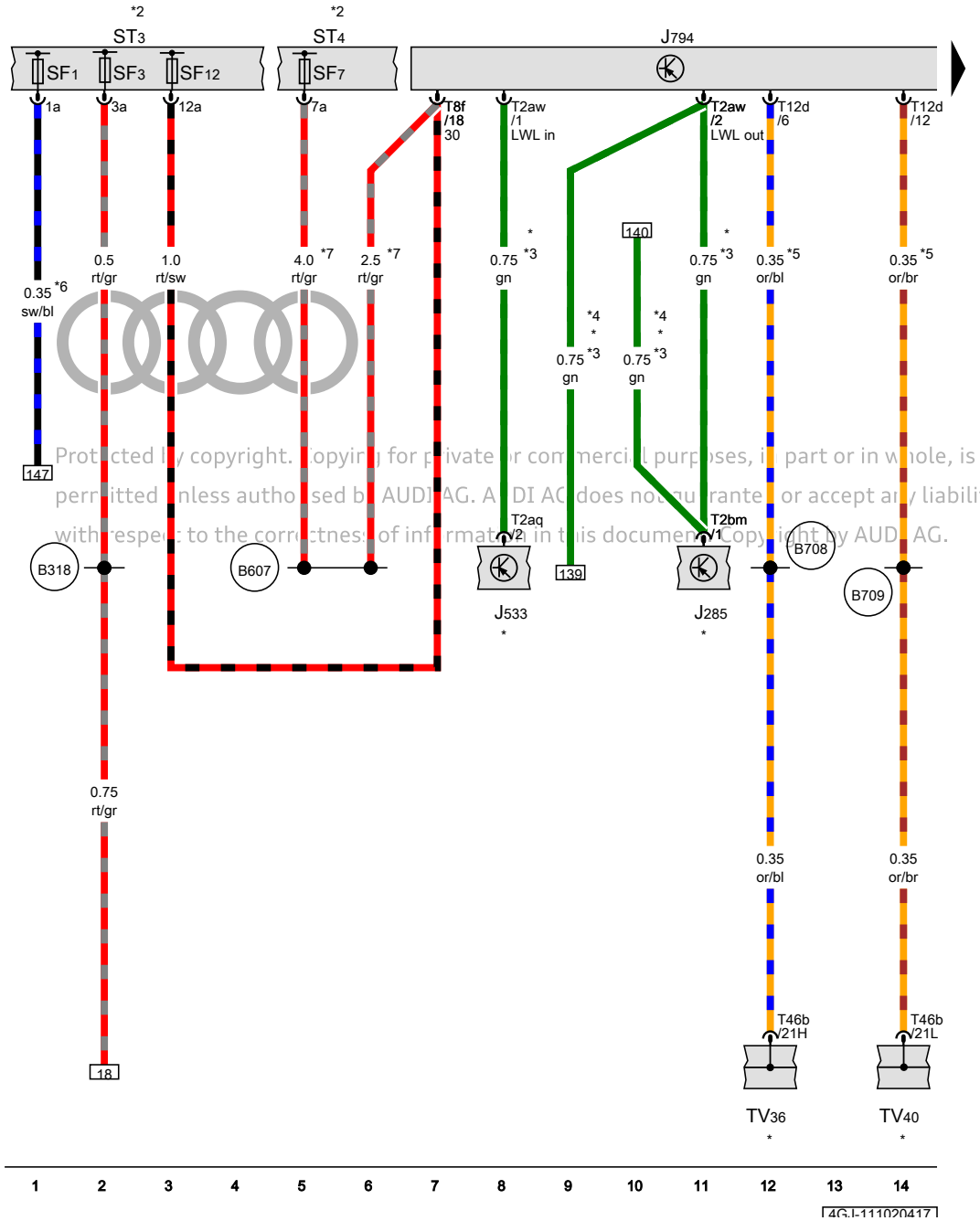
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or	=	orange
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MMI navigation plus , (I8H),(9ZX)

From September 2014

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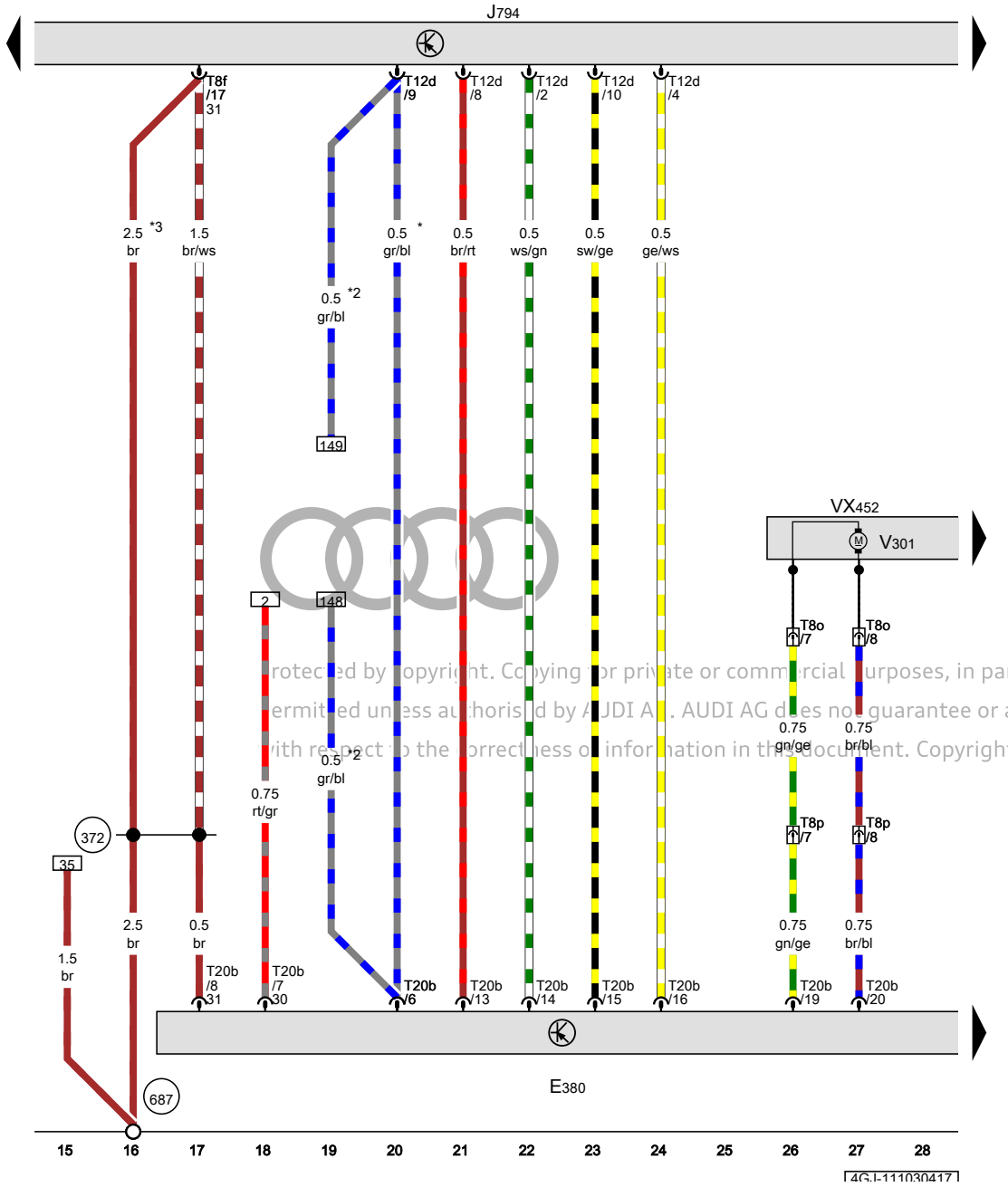


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bl = blue
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li = purple
vi = purple
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or = orange
rs = pink

Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
SF1	Fuse 1 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
SF12	Fuse 12 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector
T2bm	2-pin connector
T8f	8-pin connector
T12d	12-pin connector
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
B318	Positive connection 4 (30a) in main wiring harness
B607	Connection 3, in interior wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network
*2	see applicable current flow diagram for fuse assignment
*3	Fibre optic cable (FOC)
*4	For models with CD changer
*5	Data bus wire (CAN bus)
*6	Only models with equipment for China
*7	Only models with no noise cancellation

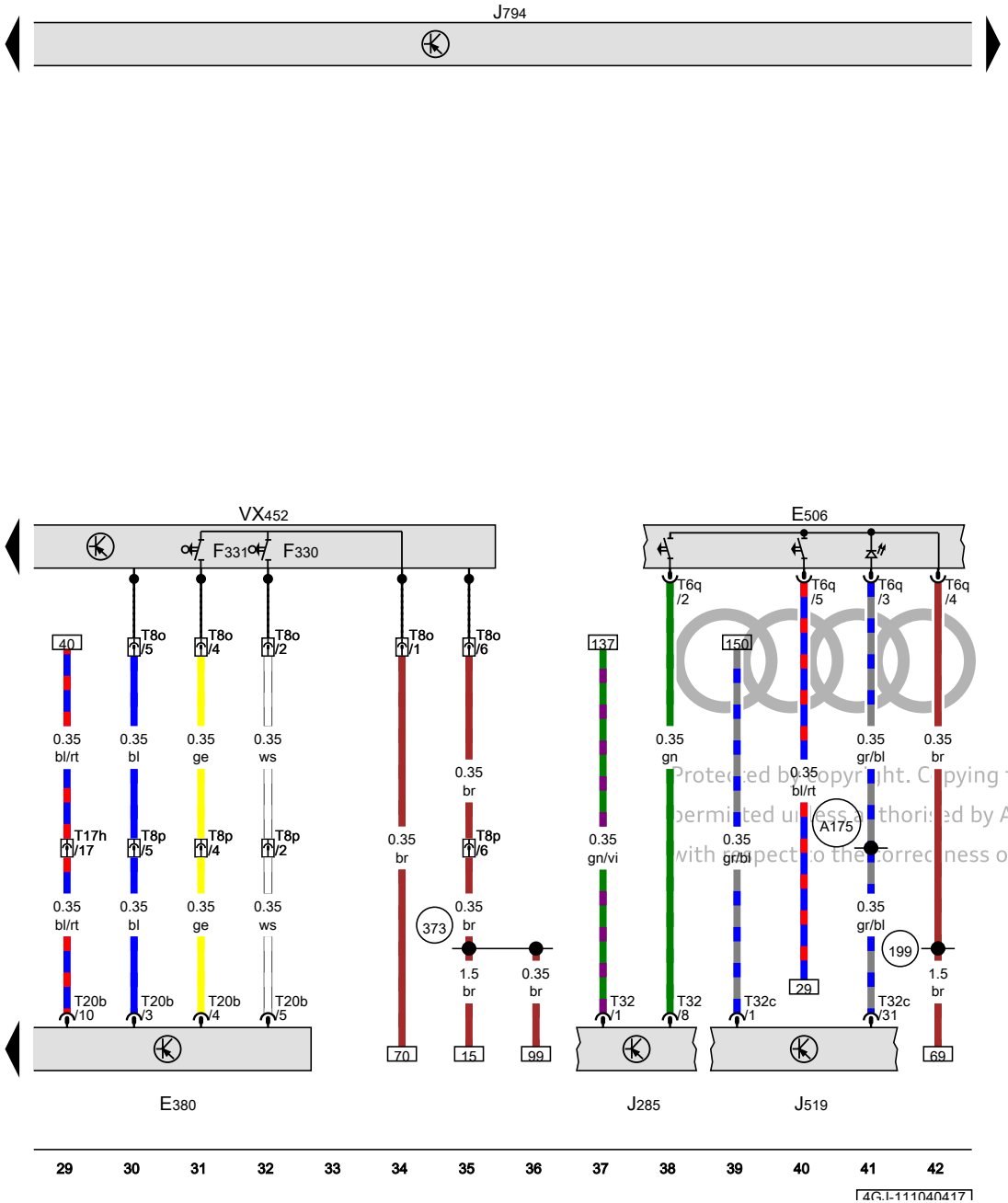


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Multimedia system operating unit, Control unit 1 for information electronics, Pivot mechanism for display

E380	Multimedia system operating unit
J794	Control unit 1 for information electronics
T8f	8-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T12d	12-pin connector
T20b	20-pin connector
V301	Open and close display motor
VX452	Pivot mechanism for display
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
*	Wake-up wire
*2	Only models with equipment for China
*3	Only models with no noise cancellation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Multimedia system operating unit, Display unit button, Open display limit switch, Control unit in dash panel insert, Control unit 1 for information electronics, Pivot mechanism for display

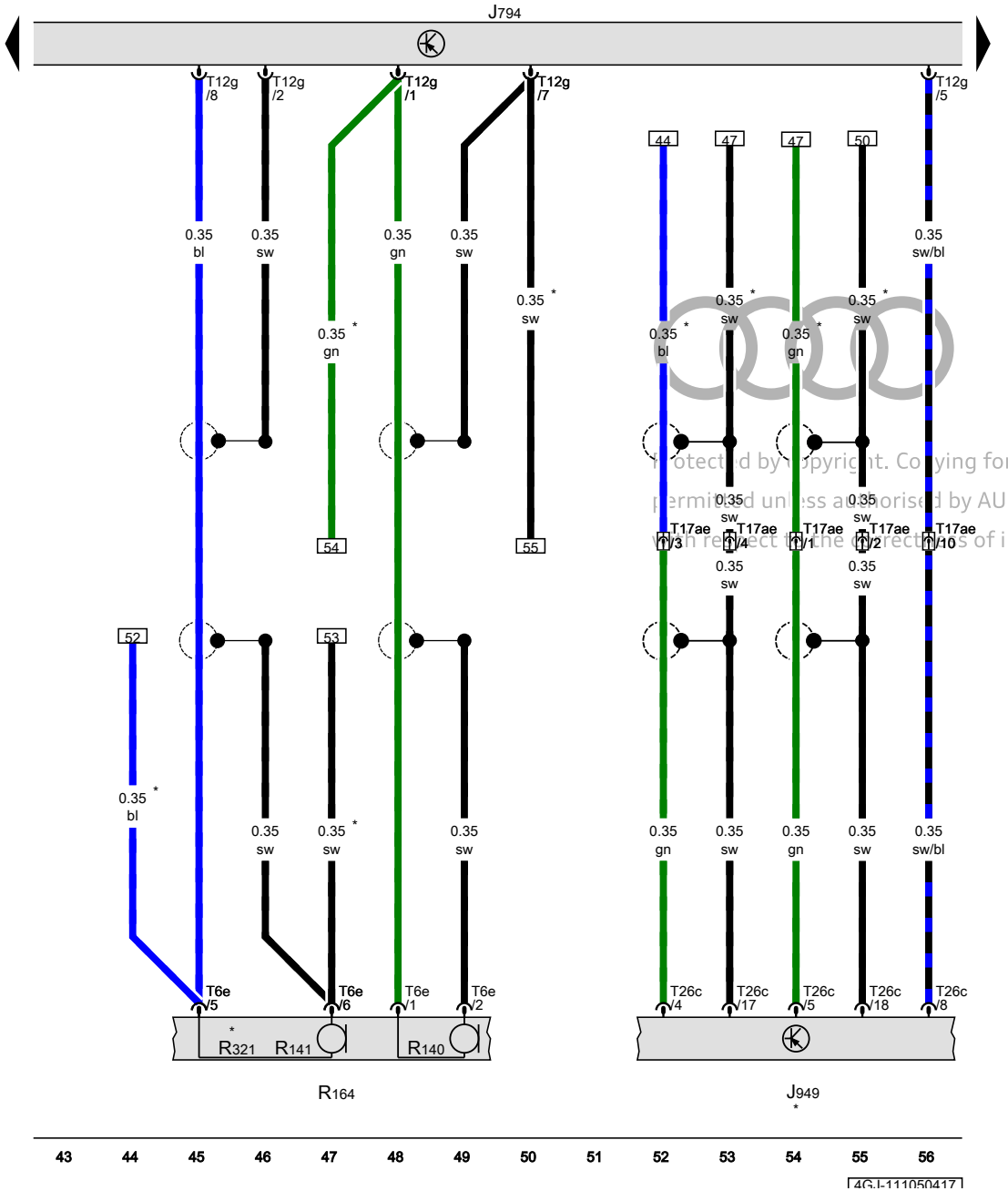
E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
T6q	6-pin connector
T8o	8-pin connector
T8p	8-pin connector, behind centre console, front left
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector
T32	32-pin connector
T32c	32-pin connector
VX452	Pivot mechanism for display
199	Earth connection 3, in dash panel wiring harness
373	Earth connection 8, in main wiring harness
A175	Connection (58s), in dash panel wiring harness

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rs	=	pink

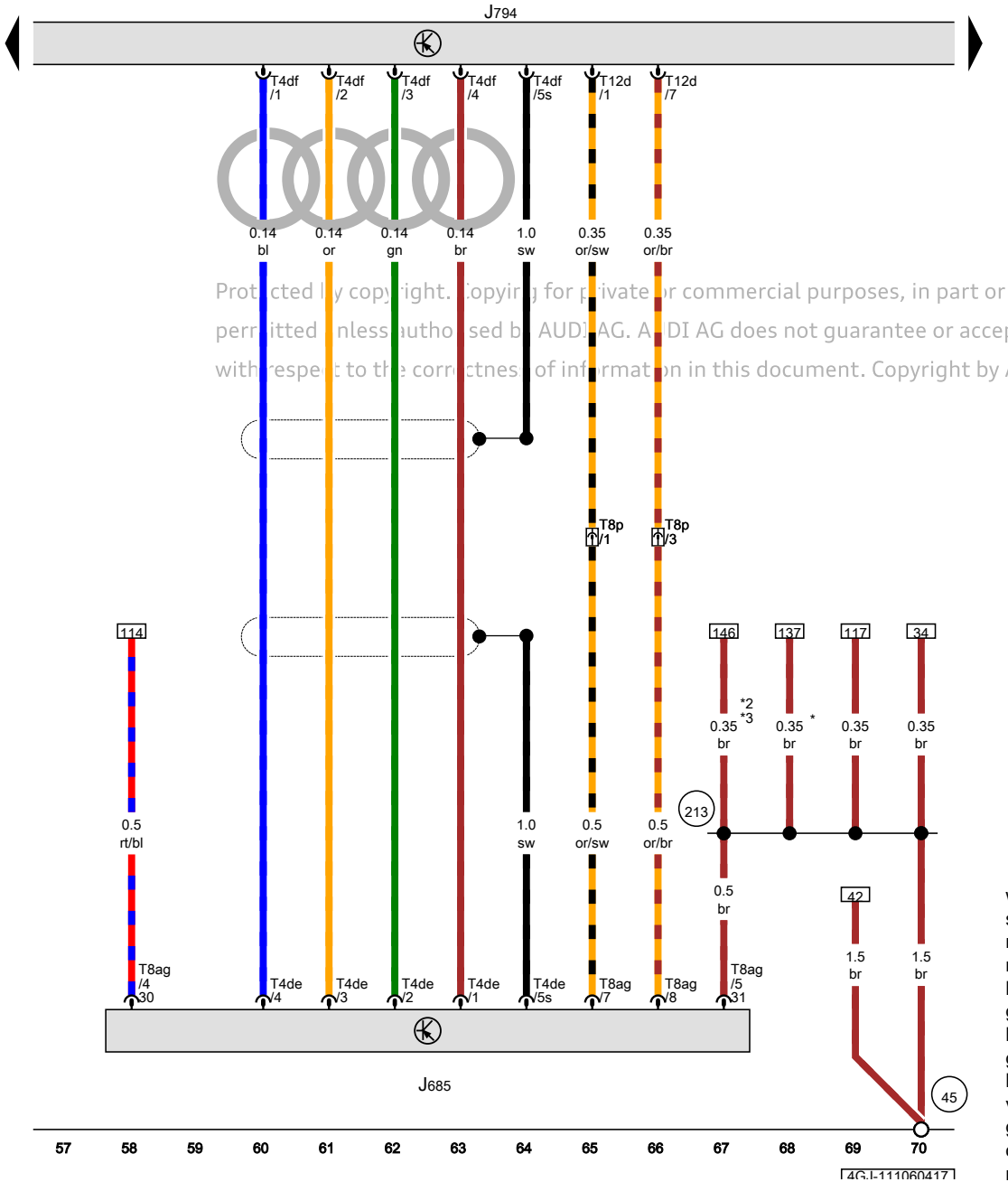
Control unit 1 for information electronics, Emergency call module control unit and communication unit, Microphone unit in front roof module

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
R321	Microphone for emergency call module
T6e	6-pin connector
T12g	12-pin connector
T17ae	17-pin connector, in right A-pillar coupling station, green
T26c	26-pin connector, black
*	Only models with emergency call module



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rs	=	pink

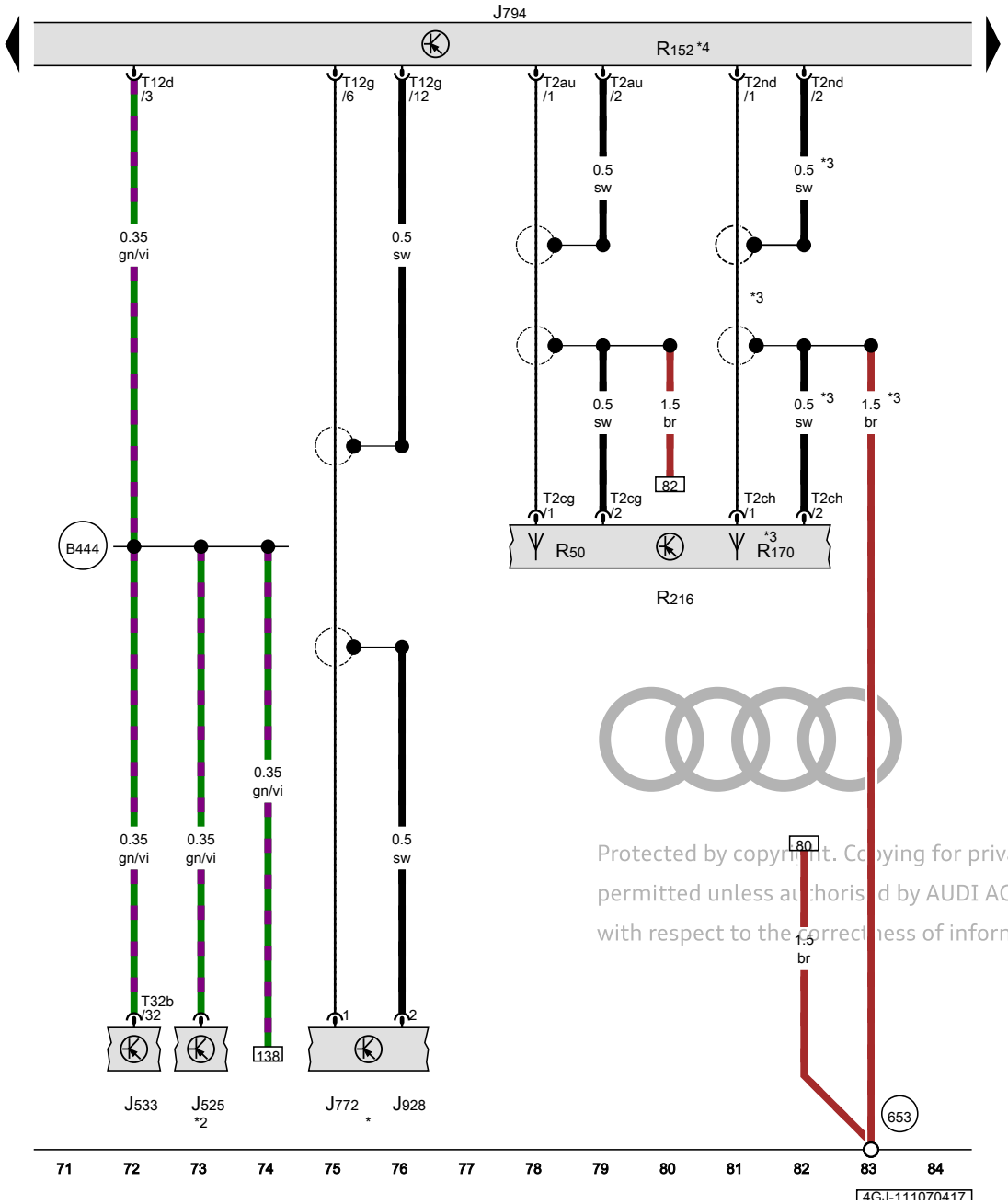


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vi = purple
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rs = pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T4de	4-pin connector
T4df	4-pin connector
T8ag	8-pin connector
T8p	8-pin connector, behind centre console, front left
T12d	12-pin connector
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
*	For models with CD changer
*2	Only models with equipment for Korea
*3	From September 2015



Control unit 1 for information electronics

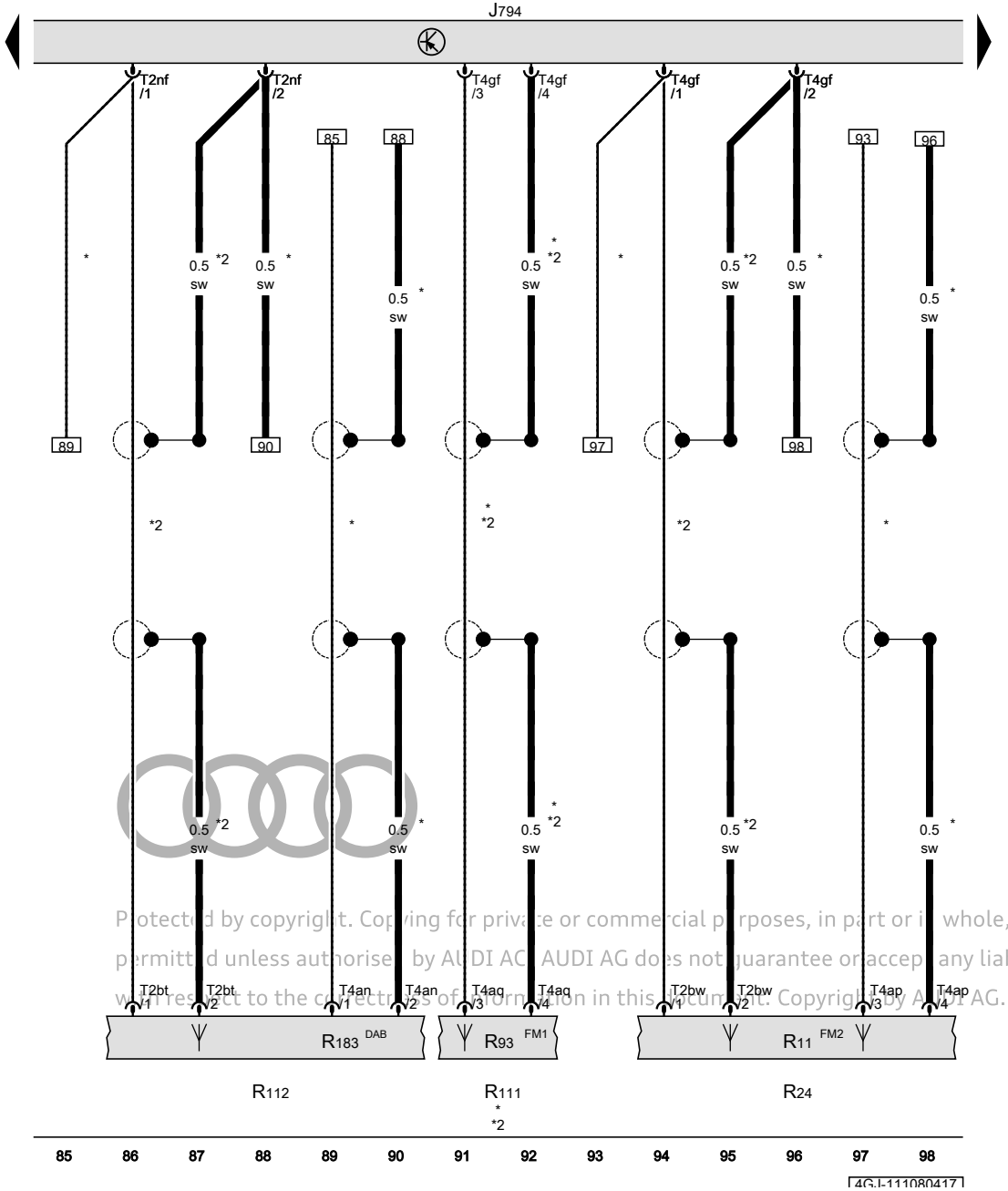
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
J928	Control unit for overhead view camera
R50	GPS aerial
R152	Aerial for Bluetooth
R170	Satellite aerial
R216	Roof aerial
T2au	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2nd	2-pin connector
T12d	12-pin connector
T12g	12-pin connector
T32b	32-pin connector
653	Earth point, on left D-pillar
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for sound system
*3	Only for American markets
*4	For models with aerial for Bluetooth

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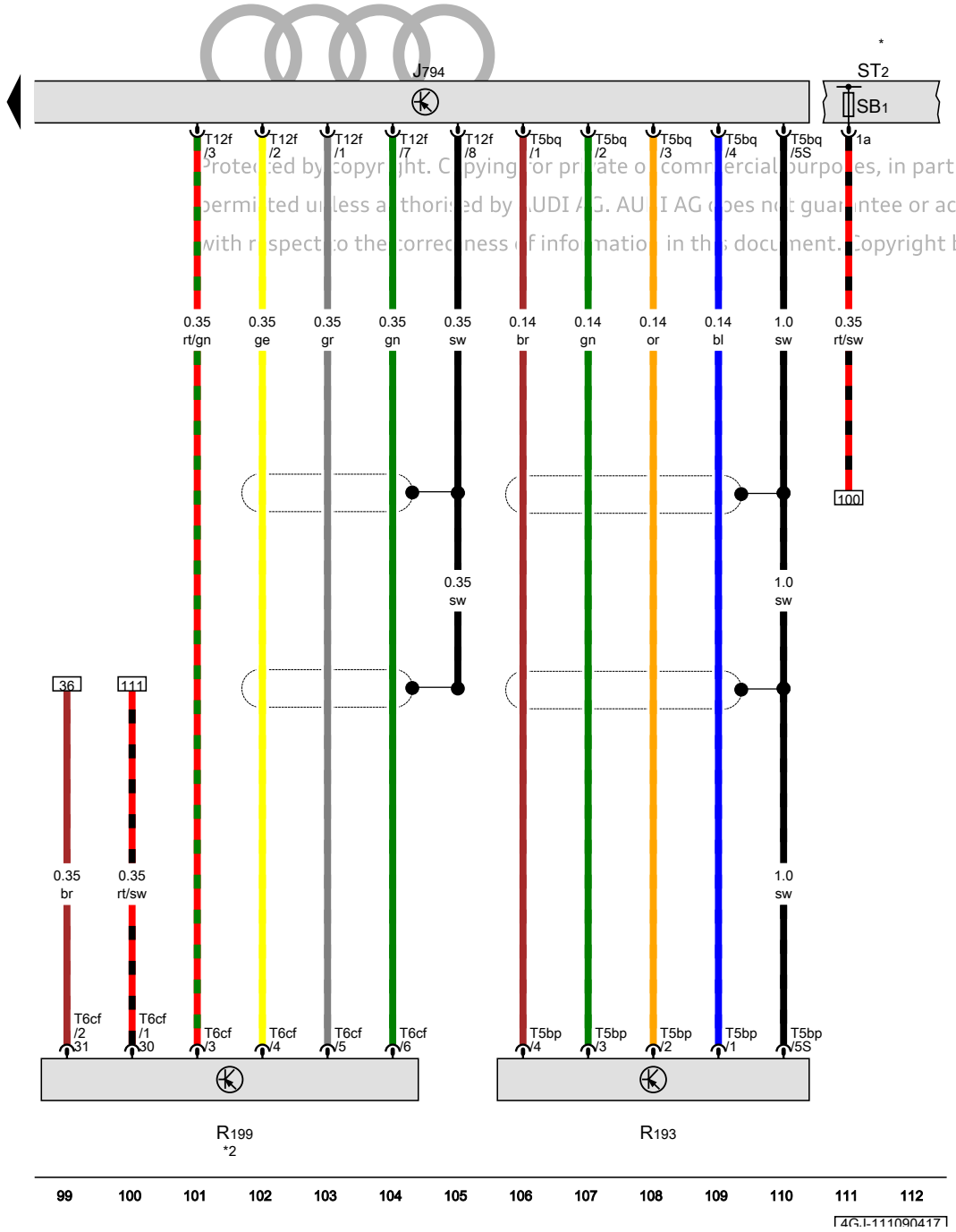
Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Aerial amplifier 3

J794	Control unit 1 for information electronics
R11	Aerial
R24	Aerial amplifier
R93	Radio aerial 2
R111	Aerial amplifier 2, Rear window, top left
R112	Aerial amplifier 3
R183	Digital radio aerial
T2bt	2-pin connector
T2bw	2-pin connector
T2nf	2-pin connector
T4an	4-pin connector
T4ap	4-pin connector
T4aq	4-pin connector
T4gf	4-pin connector
*	Only models with TV tuner
*2	For models with digital radio



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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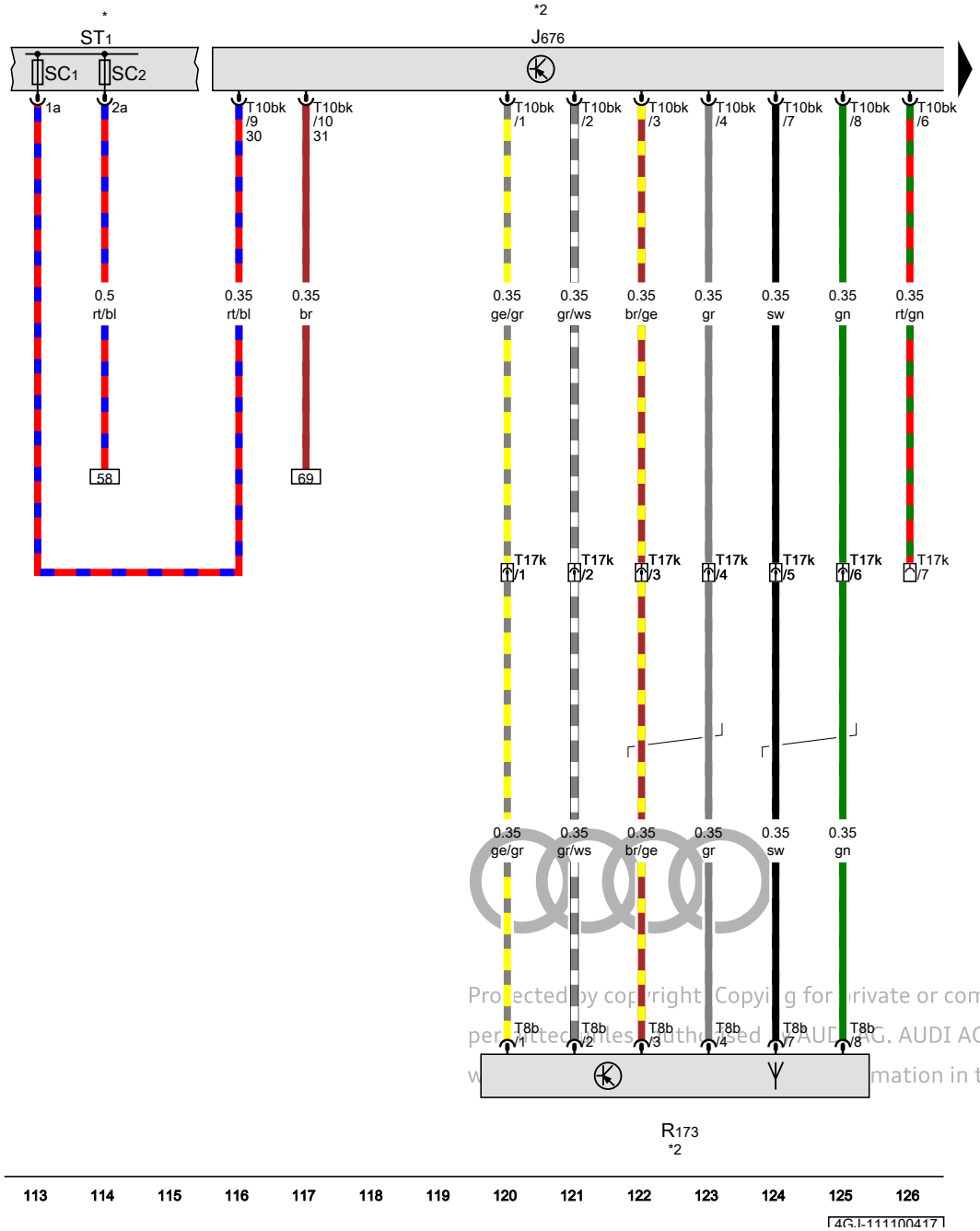


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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, USB connection holder, Connection for external audio sources

J794	Control unit 1 for information electronics
R193	USB connection holder
R199	Connection for external audio sources
SB1	Fuse 1 on fuse holder B
ST2	Fuse carrier 2
T5bp	5-pin connector
T5bq	5-pin connector
T6cf	6-pin connector
T12f	12-pin connector
*	see applicable current flow diagram for fuse assignment
*2	Only models with connection for external audio sources - AUX-IN socket

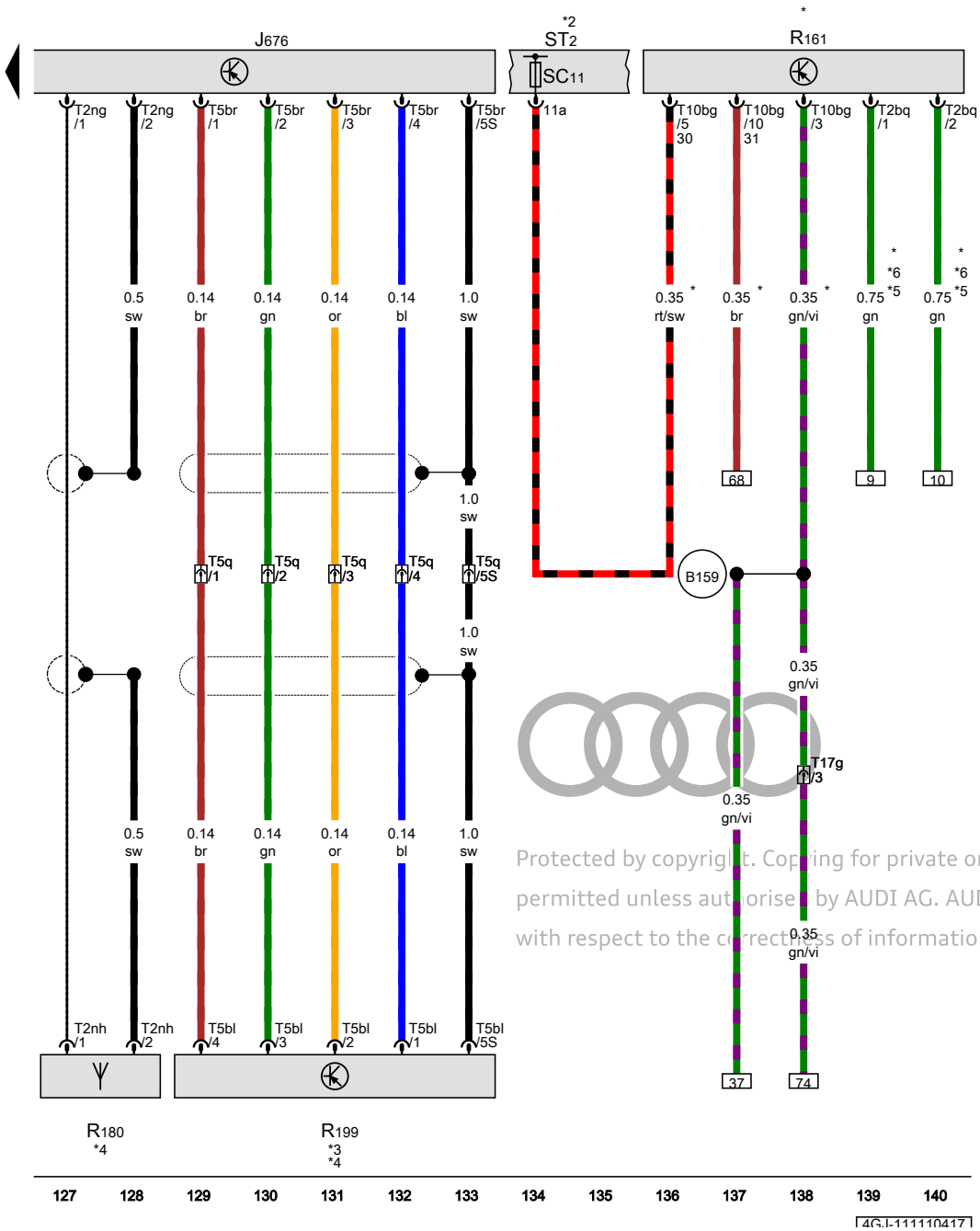


Chip card reader control unit, Traffic data aerial

J676	Chip card reader control unit
R173	Traffic data aerial
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
T8b	8-pin connector
T10bk	10-pin connector, black
T17k	17-pin connector
*	see applicable current flow diagram for fuse assignment
*2	Only models with equipment for Japan

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

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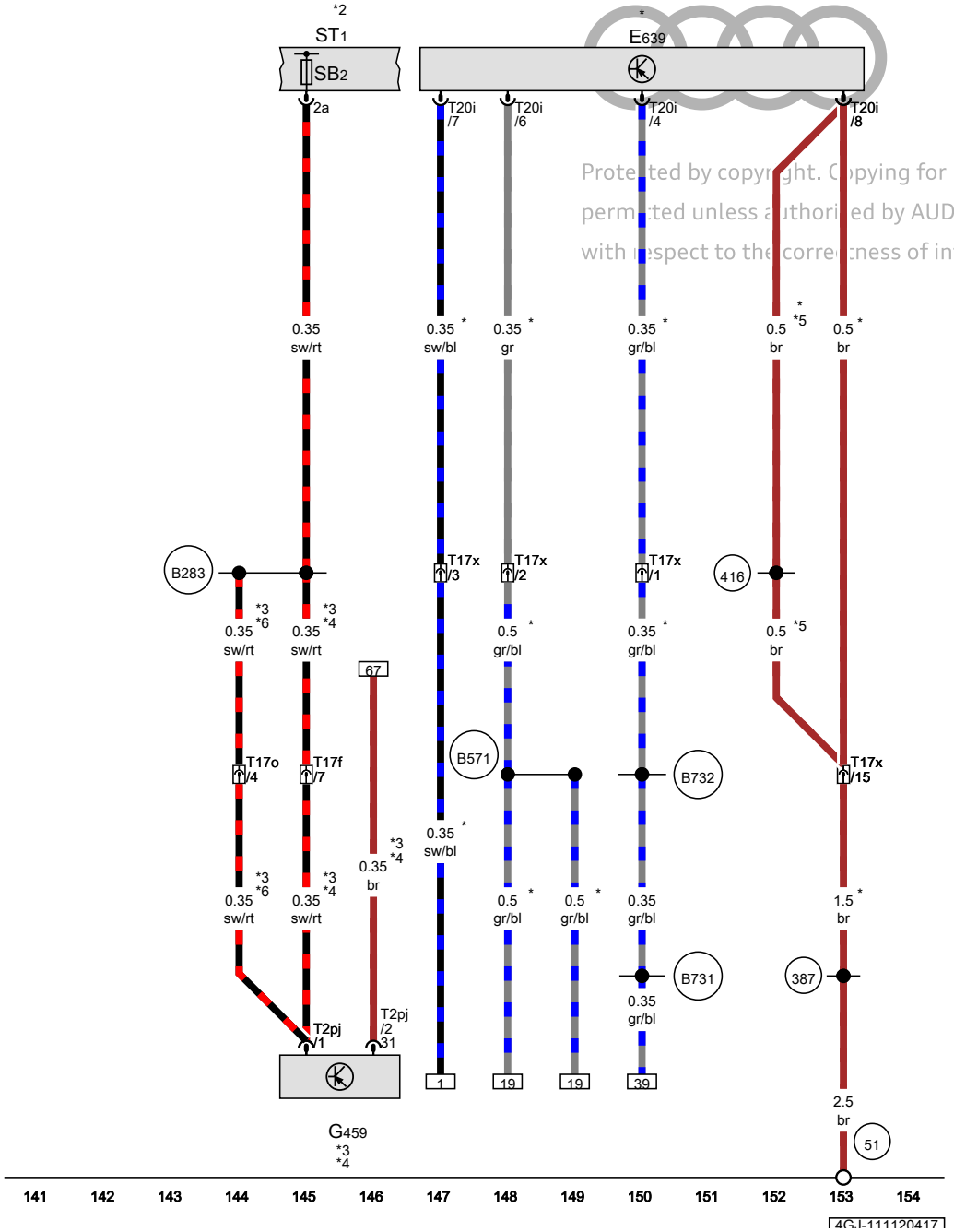


Chip card reader control unit, DVD changer, Data transmission aerial

J676	Chip card reader control unit
R161	DVD changer
R180	Data transmission aerial
R199	Connection for external audio sources, on connection for external audio source
ST2	Fuse carrier 2
SC11	Fuse 11 on fuse holder C
T2bq	2-pin connector
T2ng	2-pin connector, yellow
T2nh	2-pin connector, yellow
T5bl	5-pin connector
T5br	5-pin connector, brown
T5q	5-pin connector, behind centre console, front left, brown
T10bg	10-pin connector
T17g	17-pin connector, in left A-pillar coupling station
B159	Connection (diagnosis), in interior wiring harness
*	For models with CD changer
*2	see applicable current flow diagram for fuse assignment
*3	Only models with connection for external audio sources - AUX-IN socket
*4	Only models with equipment for Japan
*5	Fibre optic cable (FOC)
*6	see applicable current flow diagram for data bus network

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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vi = purple
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rs = pink

Remote control 1 for information electronics, Toll collection sender

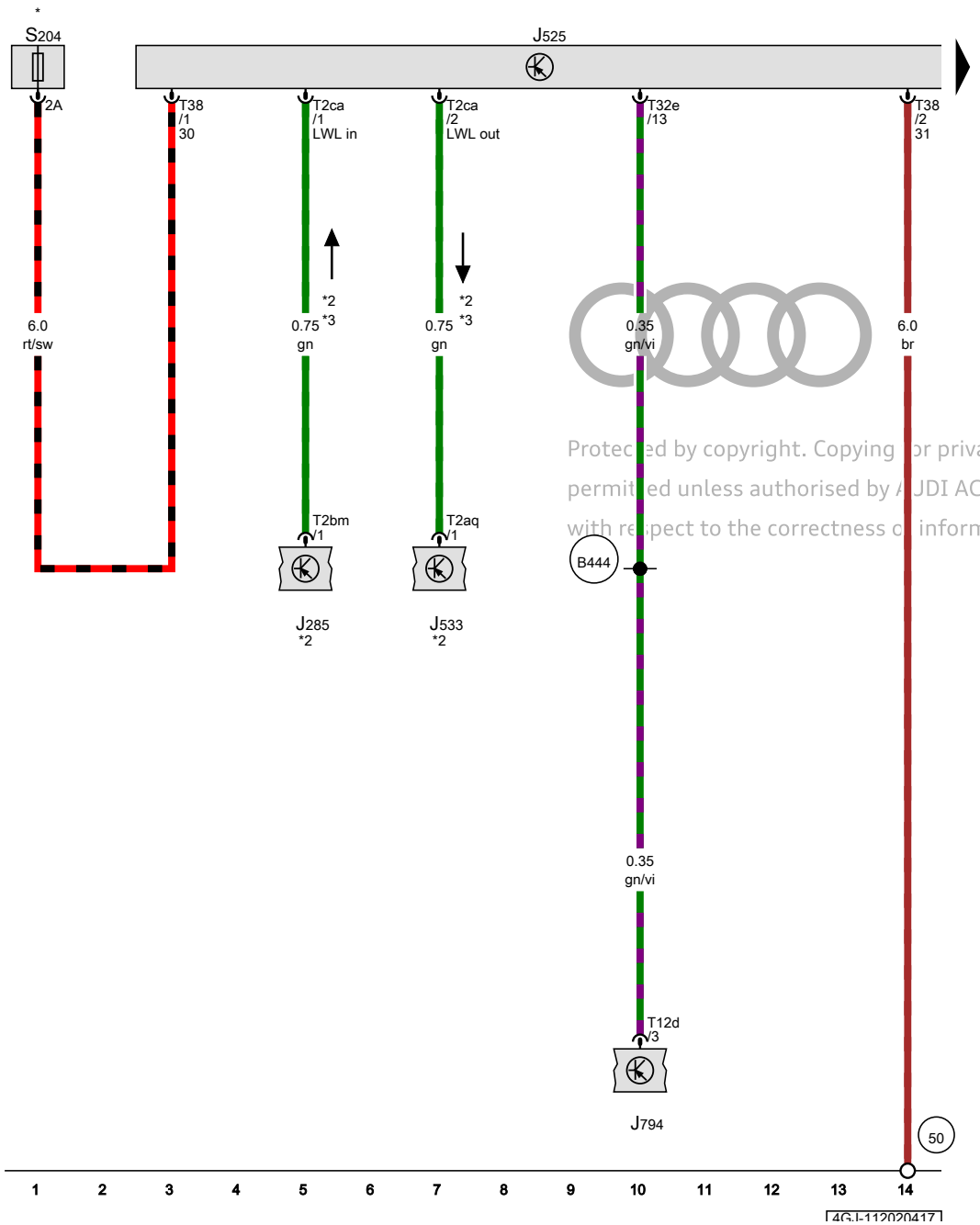
E639	Remote control 1 for information electronics
G459	Toll collection sender
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T2pj	2-pin connector, black
T17f	17-pin connector, in left A-pillar coupling station, white
T17o	17-pin connector
T17x	17-pin connector, in coupling point for rear centre armrest
T20i	20-pin connector
51	Earth point, on right in luggage compartment
387	Earth connection 22, in main wiring harness
416	Earth connection, in rear armrest wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B571	Connection 38, in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with equipment for China
*2	see applicable current flow diagram for fuse assignment
*3	Only models with equipment for Korea
*4	From September 2015
*5	Only models with additional lights
*6	From June 2016

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Bang & Olufsen sound system , (8RF)

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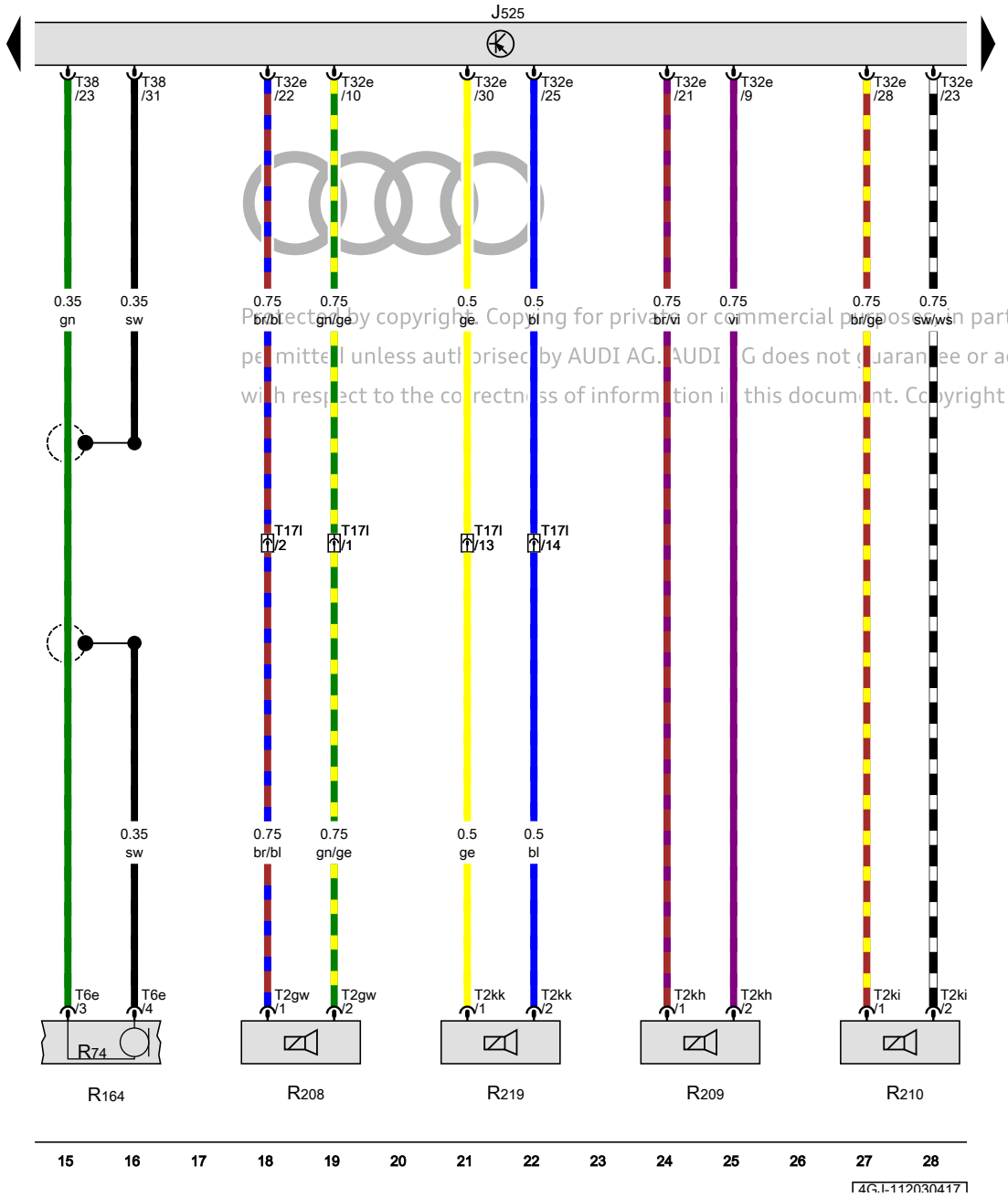


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Digital sound package control unit, Control unit 1 for information electronics, Fuse 1 (30)

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
S204	Fuse 1 (30)
T2aq	2-pin connector
T2bm	2-pin connector
T2ca	2-pin connector
T12d	12-pin connector
T32e	32-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

ws	=	white
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rt	=	red
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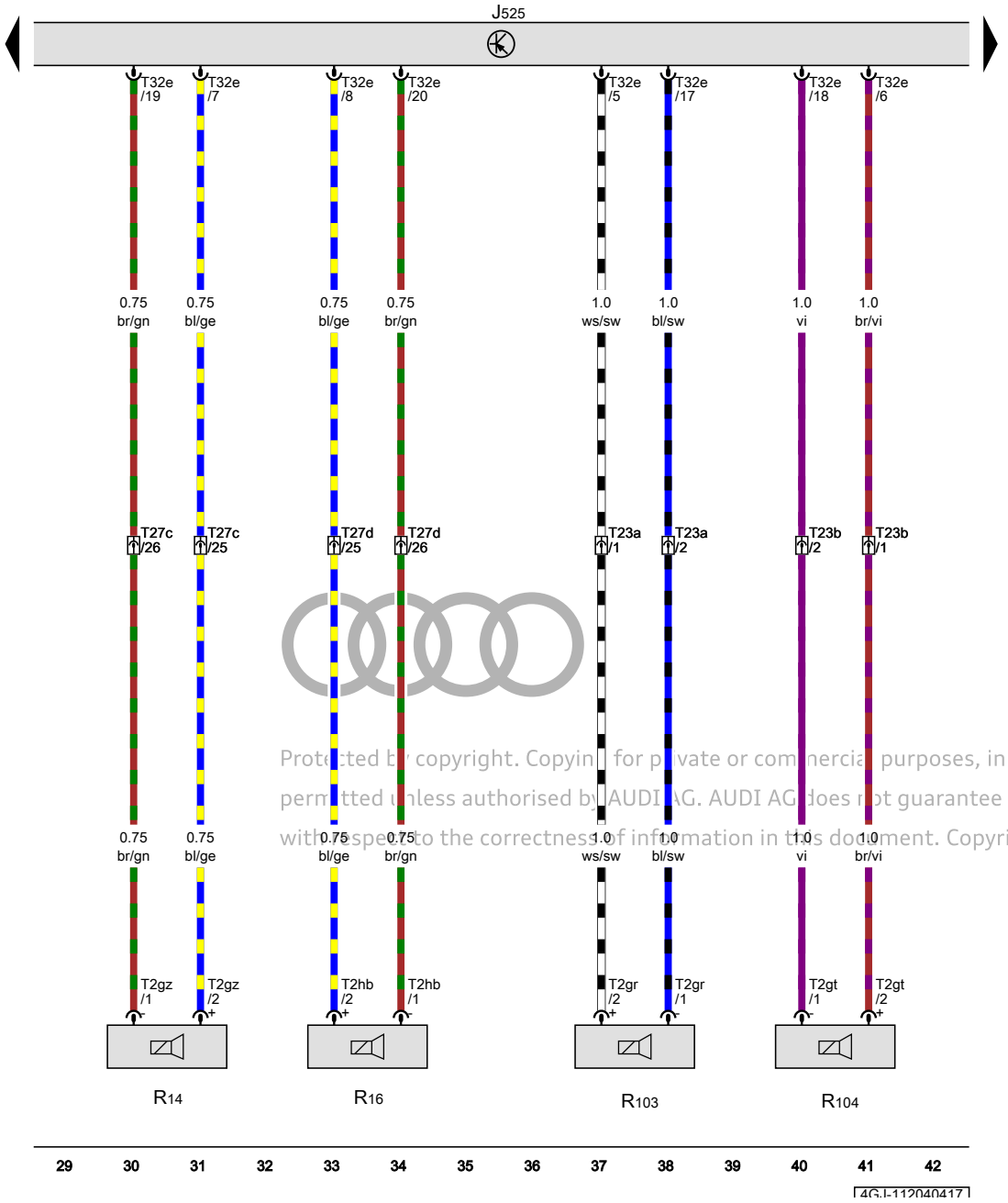
Digital sound package control unit, Microphone unit in front roof module, Centre loudspeaker, Left effect loudspeaker, Right effect loudspeaker

J525	Digital sound package control unit
R74	Internal microphone
R164	Microphone unit in front roof module
R208	Centre loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
R219	Centre loudspeaker 2
T2gw	2-pin connector
T2kh	2-pin connector
T2ki	2-pin connector
T2kk	2-pin connector
T6e	6-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T32e	32-pin connector
T38	38-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Front left mid-range loudspeaker, Front right mid-range loudspeaker

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gz	2-pin connector
T2hb	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T32e	32-pin connector

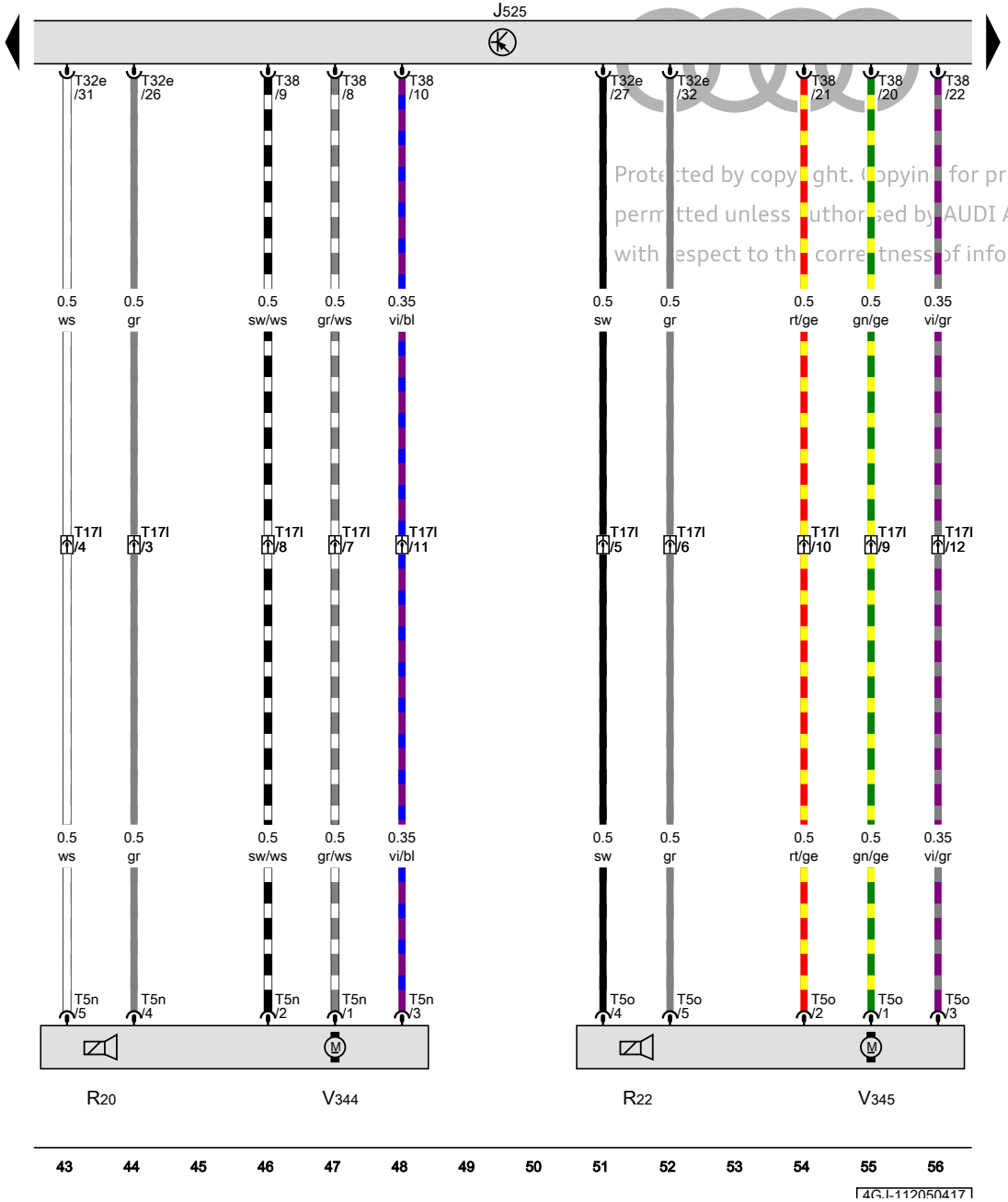


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or	=	orange
rs	=	pink

Digital sound package control unit, Front left treble loudspeaker, Front right treble loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
T5n	5-pin connector
T5o	5-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T32e	32-pin connector
T38	38-pin connector
V344	Control motor for front left treble speaker
V345	Control motor for front right treble speaker

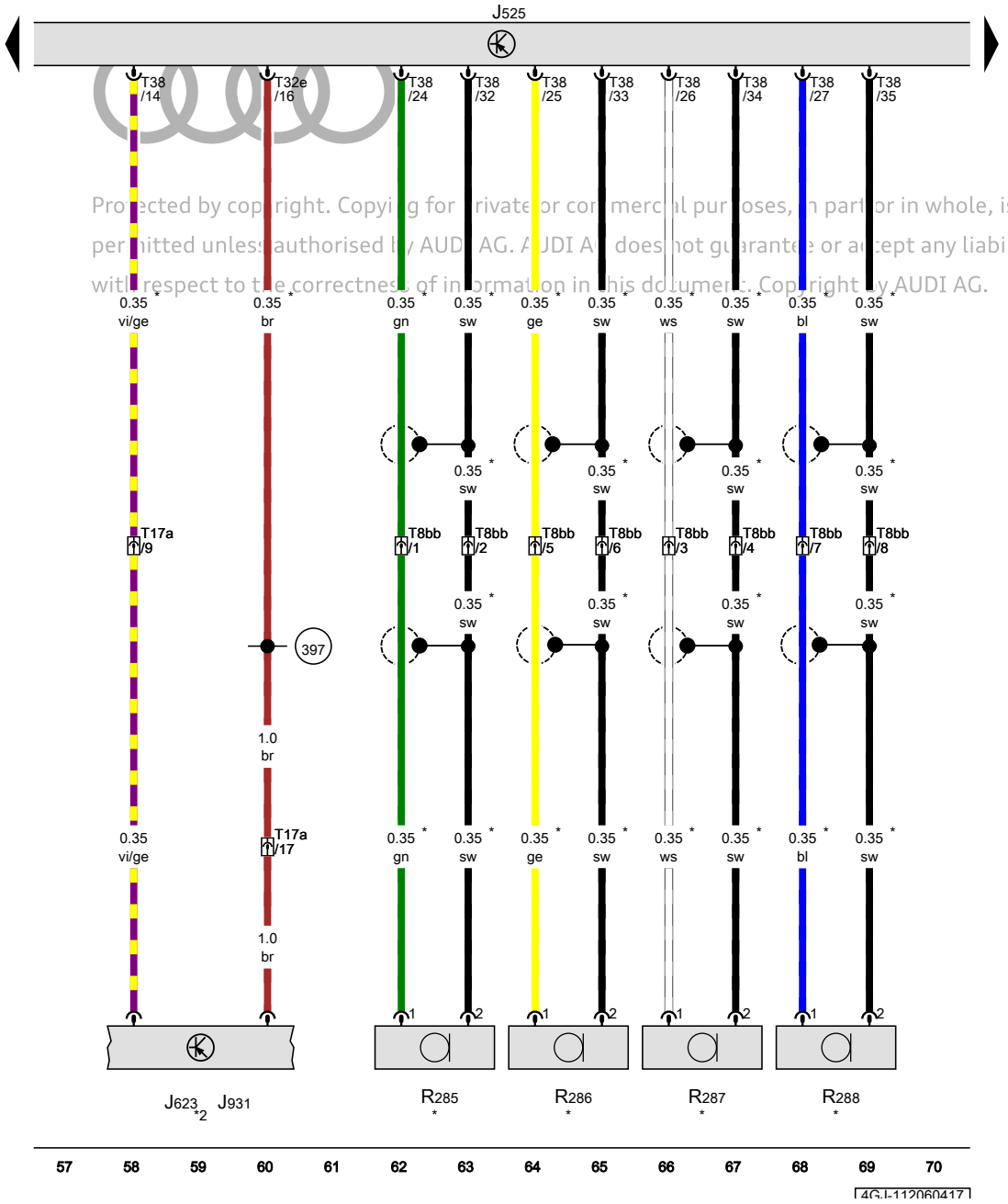


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rs	=	pink

Digital sound package control unit, Noise cancellation microphone 1, Noise cancellation microphone 3

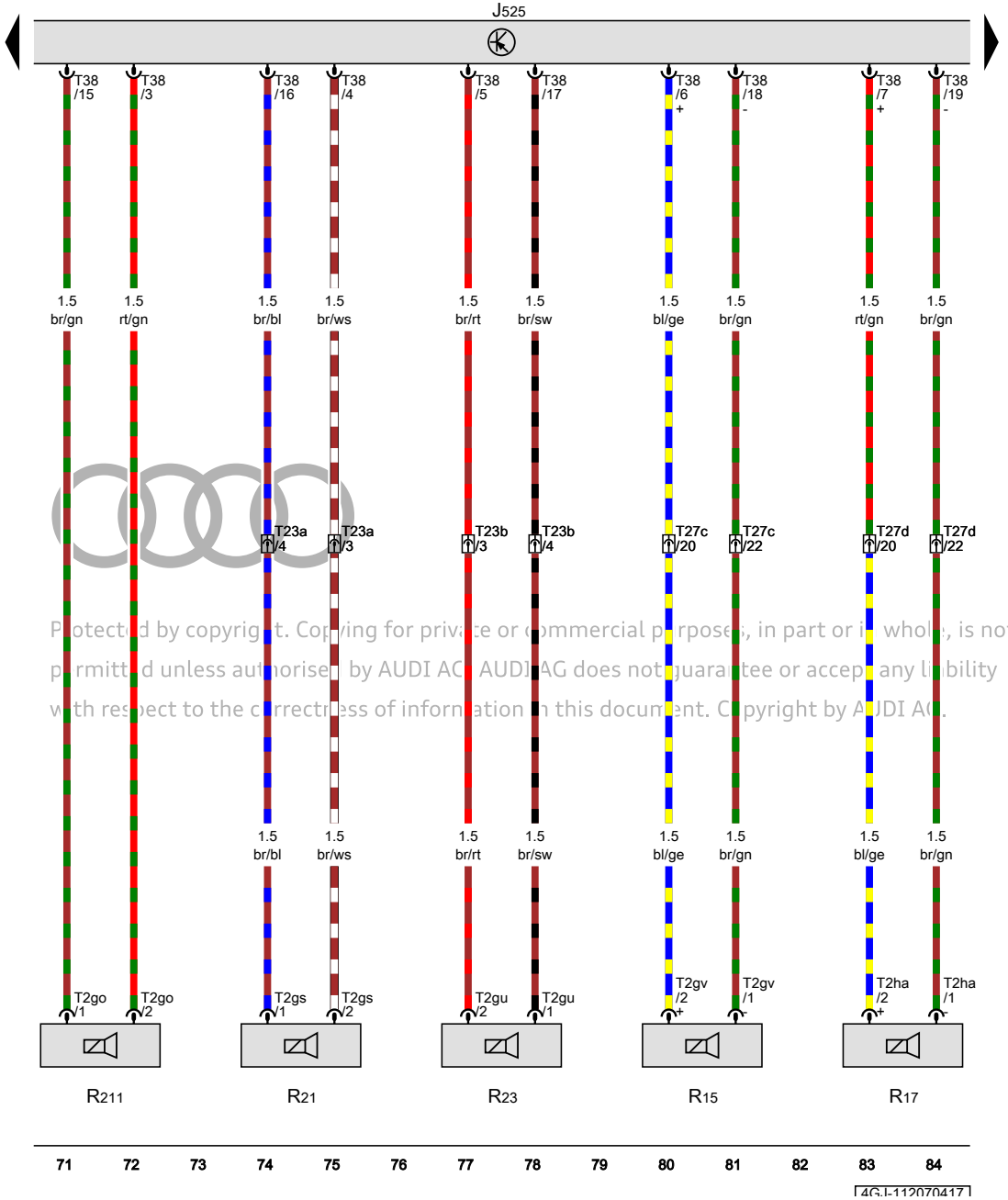
J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R285	Noise cancellation microphone 1
R286	Noise cancellation microphone 2
R287	Noise cancellation microphone 3
R288	Noise cancellation microphone 4
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32e	32-pin connector
T38	38-pin connector
397	Earth connection 32, in main wiring harness
*	Only models with noise cancellation
*2	see applicable current flow diagram for engine



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Digital sound package control unit, Rear right bass loudspeaker, Front left bass loudspeaker, Subwoofer



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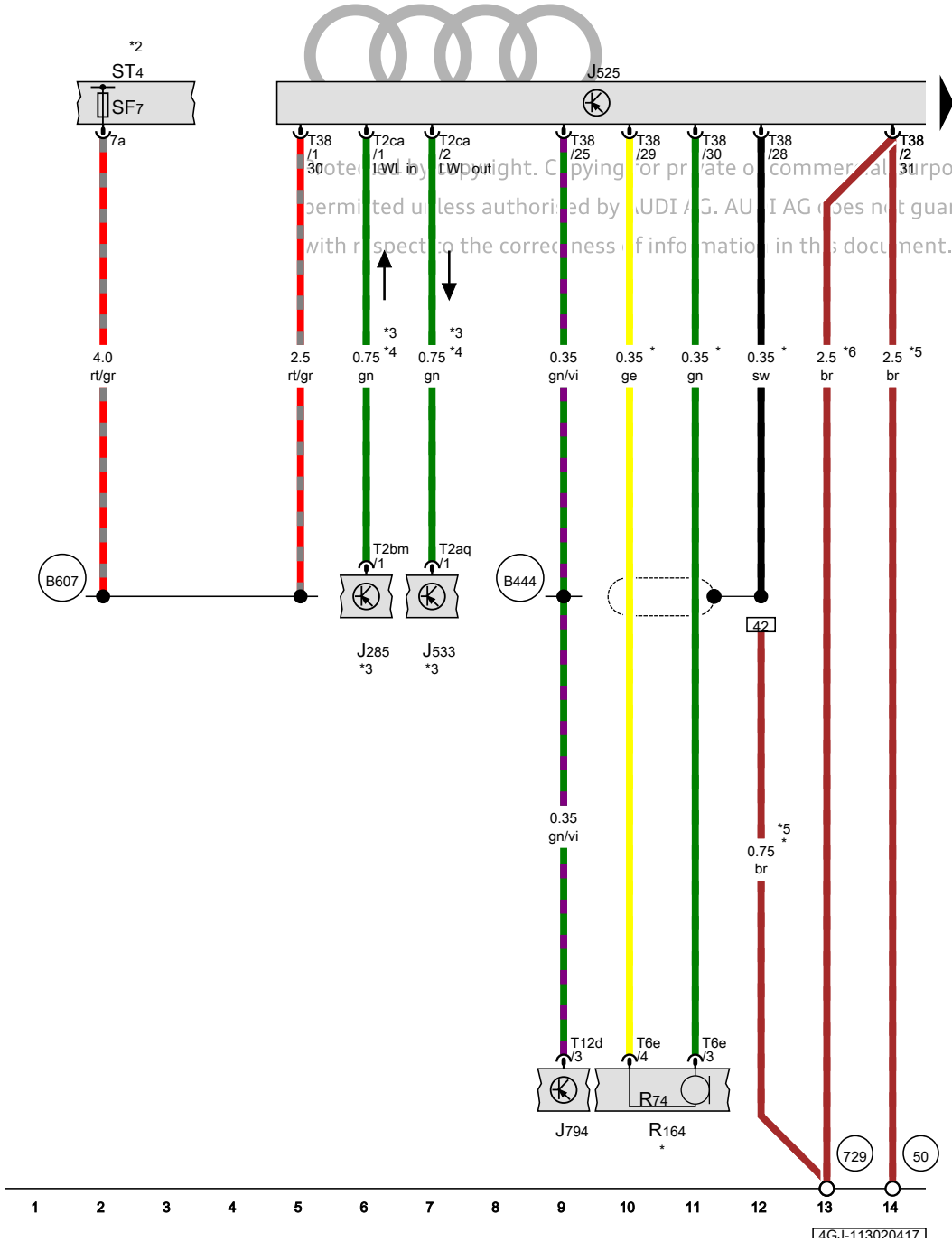
J525	Digital sound package control unit
R15	Rear left bass loudspeaker
R17	Rear right bass loudspeaker
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T2gv	2-pin connector
T2ha	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T38	38-pin connector

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Sound system , (8RY),(9VD),(EP1),(I8H)

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Digital sound package control unit, Control unit 1 for information electronics, Microphone unit in front roof module

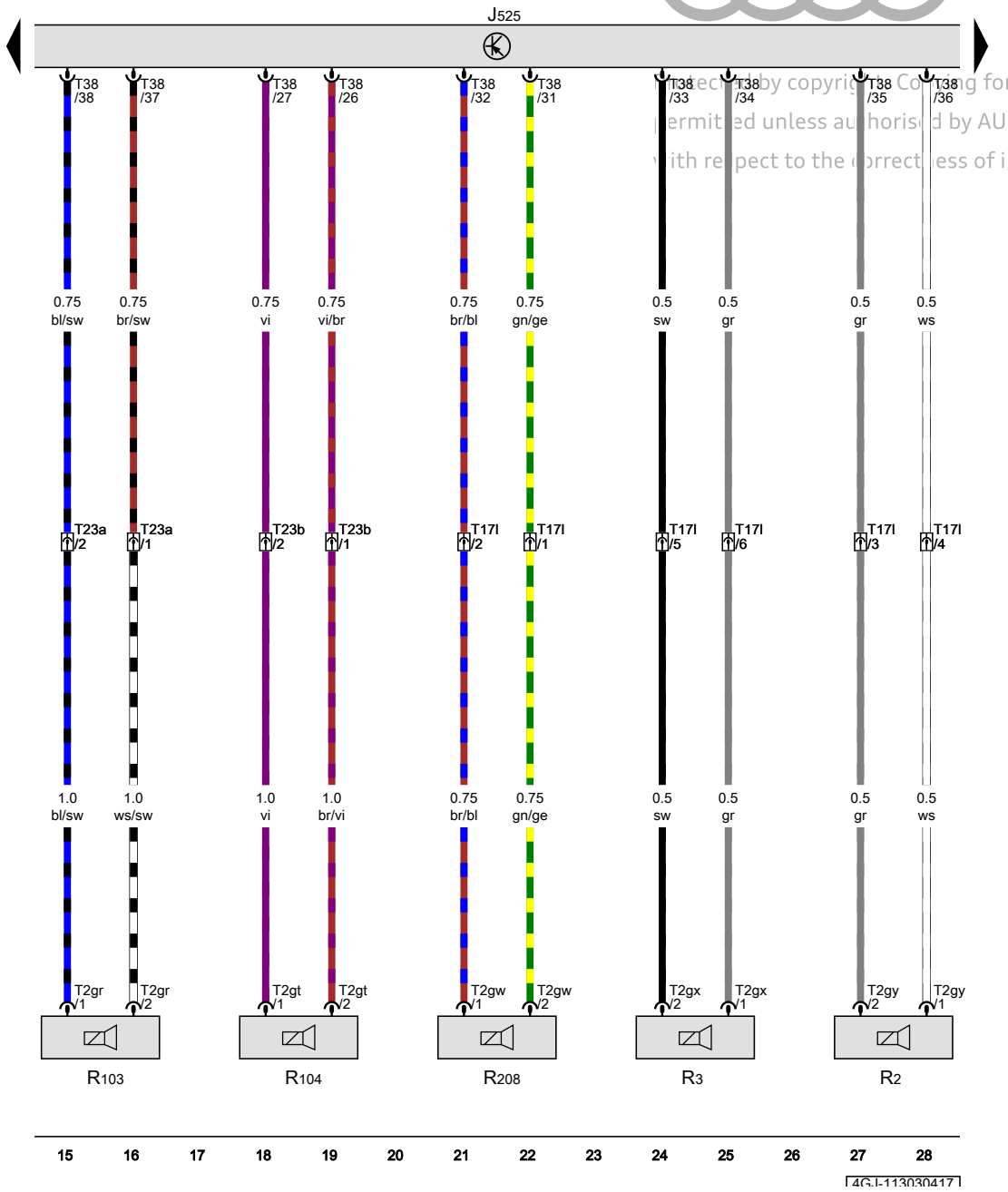
J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R164	Microphone unit in front roof module
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2bm	2-pin connector
T2ca	2-pin connector
T6e	6-pin connector
T12d	12-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
729	Earth point, on left rear wheel housing
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	Only models with BOSE sound system
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for data bus network
*4	Fibre optic cable (FOC)
*5	Saloon
*6	Avant

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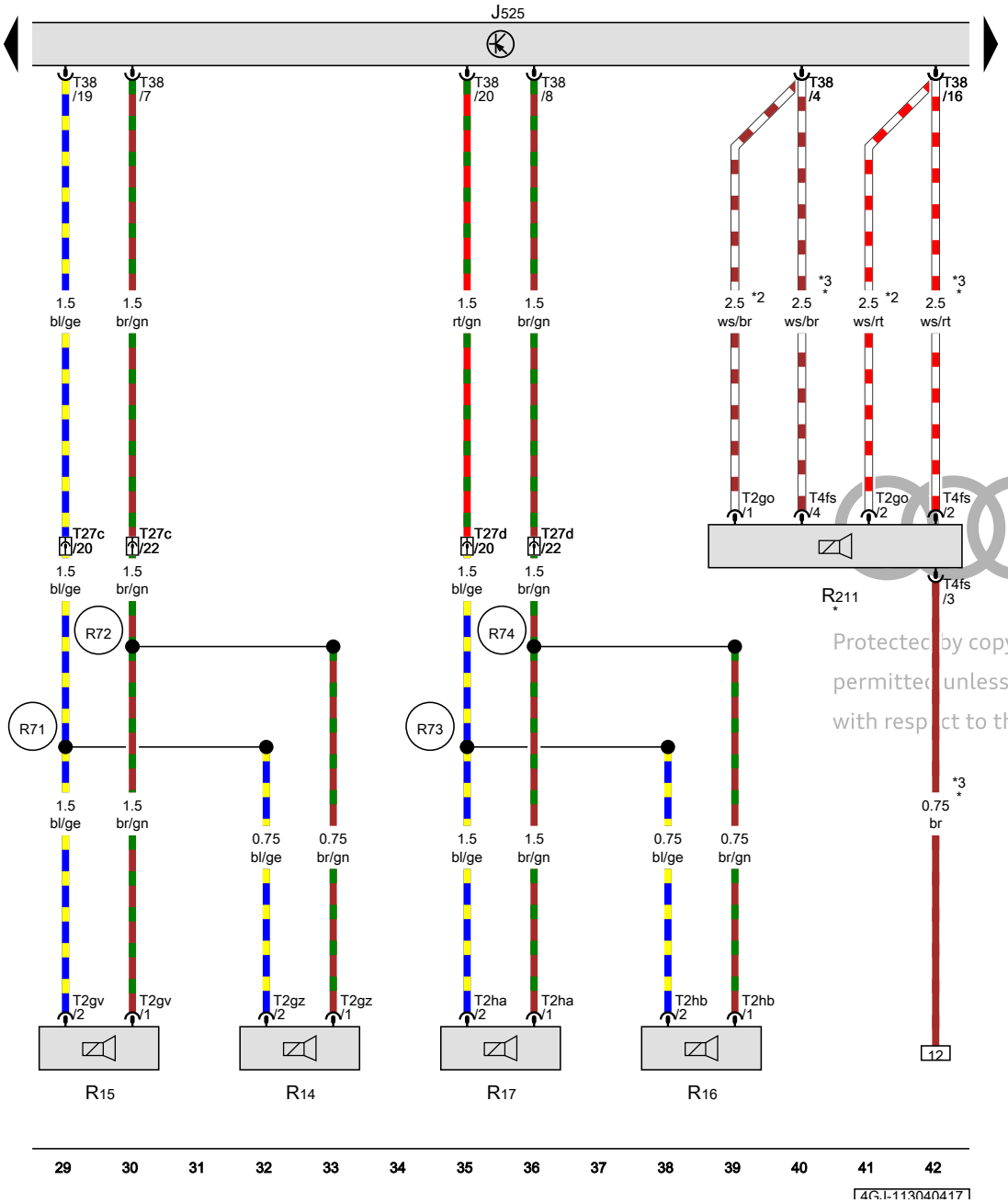
Digital sound package control unit, Front left loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

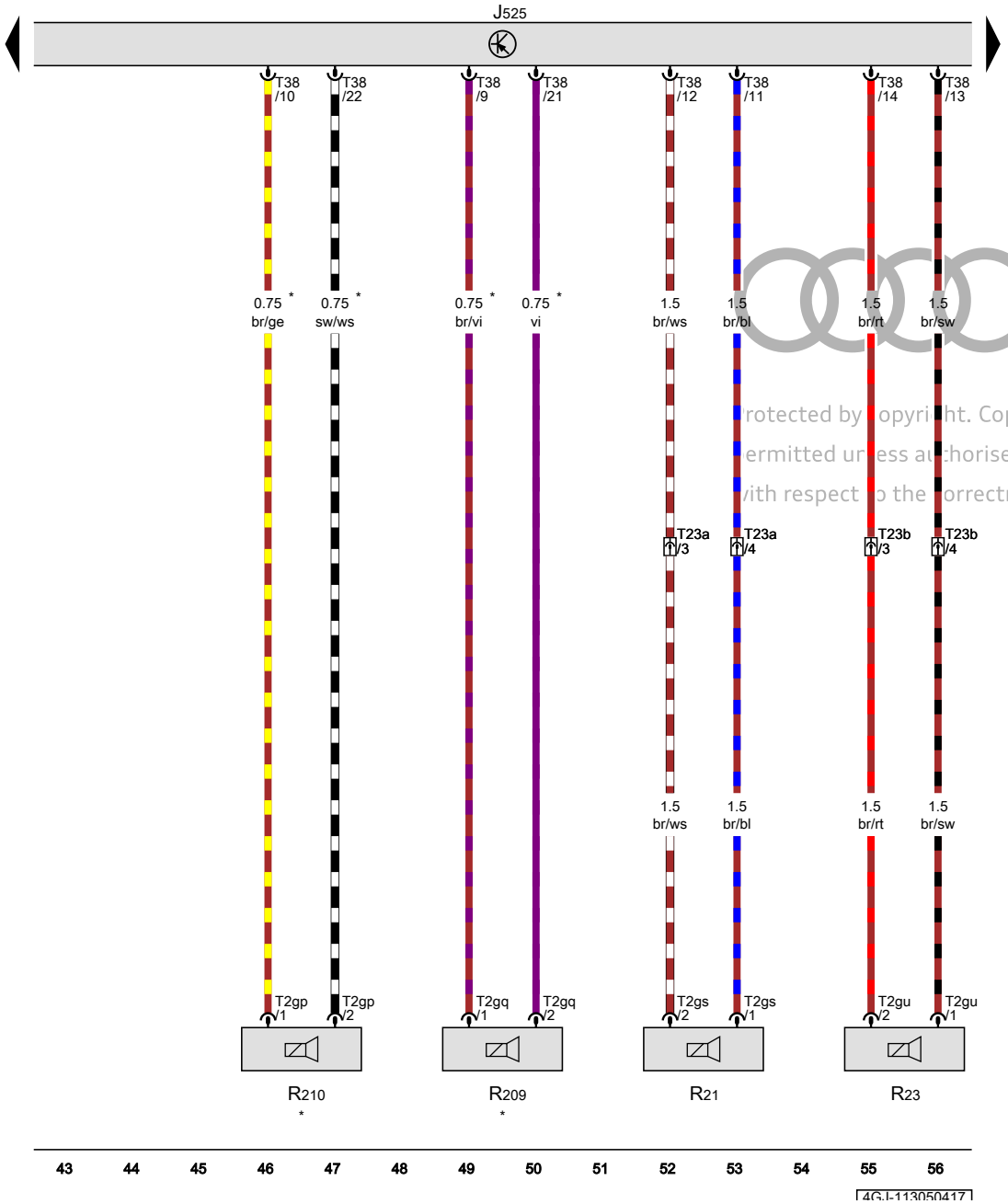
Digital sound package control unit, Rear left treble loudspeaker, Rear right bass loudspeaker



J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T4fs	4-pin connector
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T38	38-pin connector
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with BOSE sound system
*2	Avant
*3	Saloon

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ge	=	yellow
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rs	=	pink



Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker

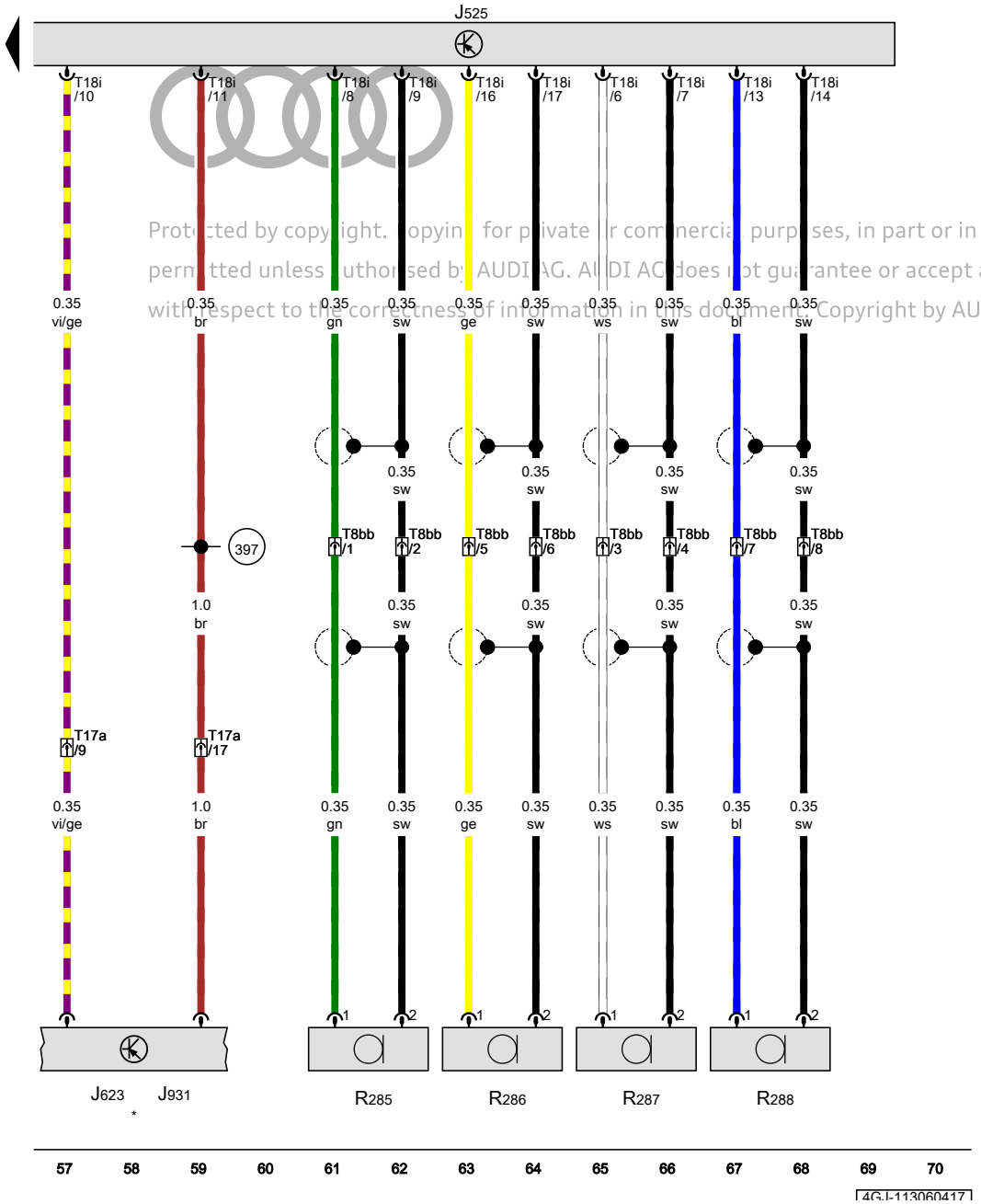
J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector
*	Only models with BOSE sound system

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or	=	orange
rs	=	pink

Digital sound package control unit, Noise cancellation microphone 1, Noise cancellation microphone 3

J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R285	Noise cancellation microphone 1
R286	Noise cancellation microphone 2
R287	Noise cancellation microphone 3
R288	Noise cancellation microphone 4
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T18i	18-pin connector
397	Earth connection 32, in main wiring harness
*	see applicable current flow diagram for engine



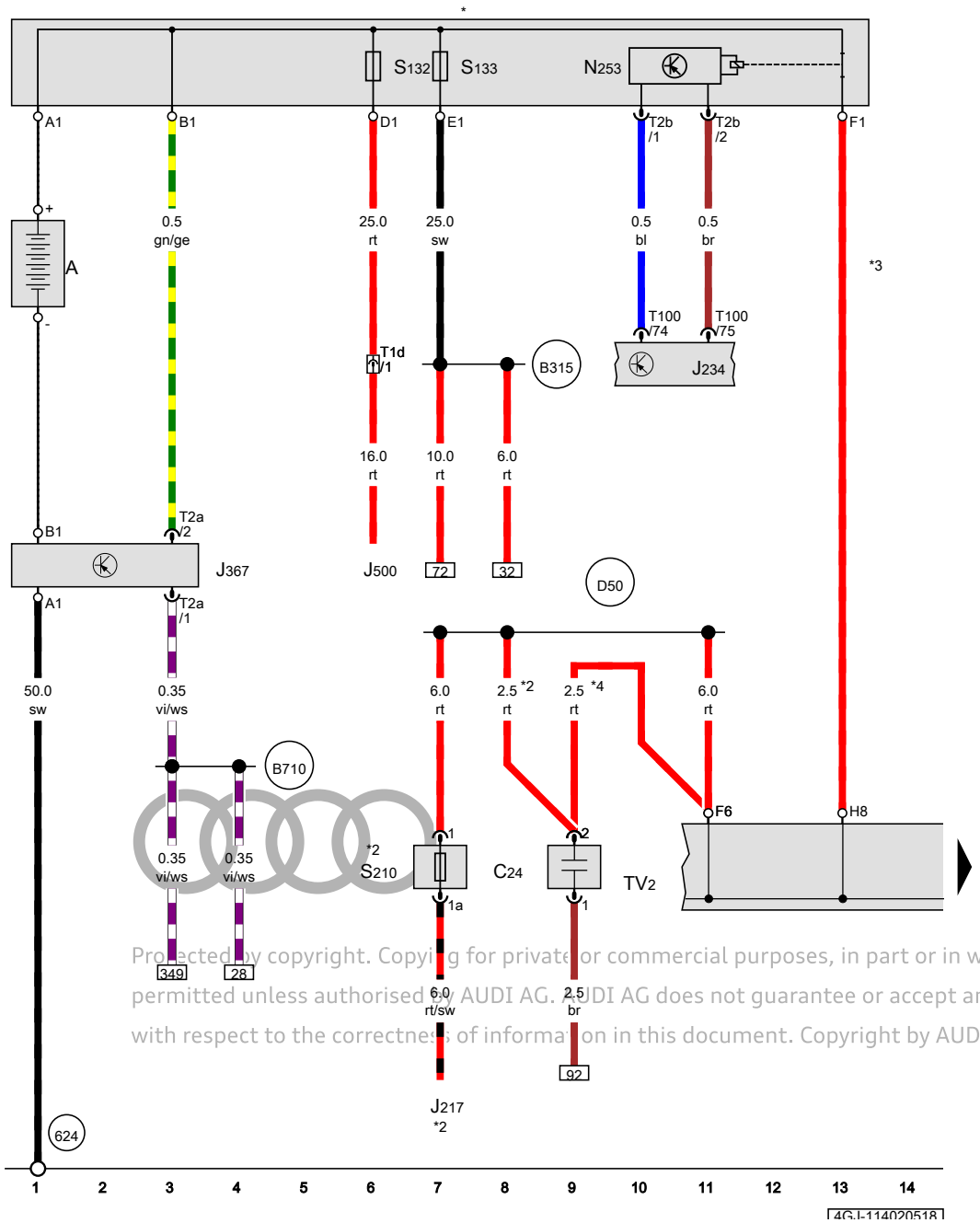
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1.8l petrol engine , CYGA,CYYA

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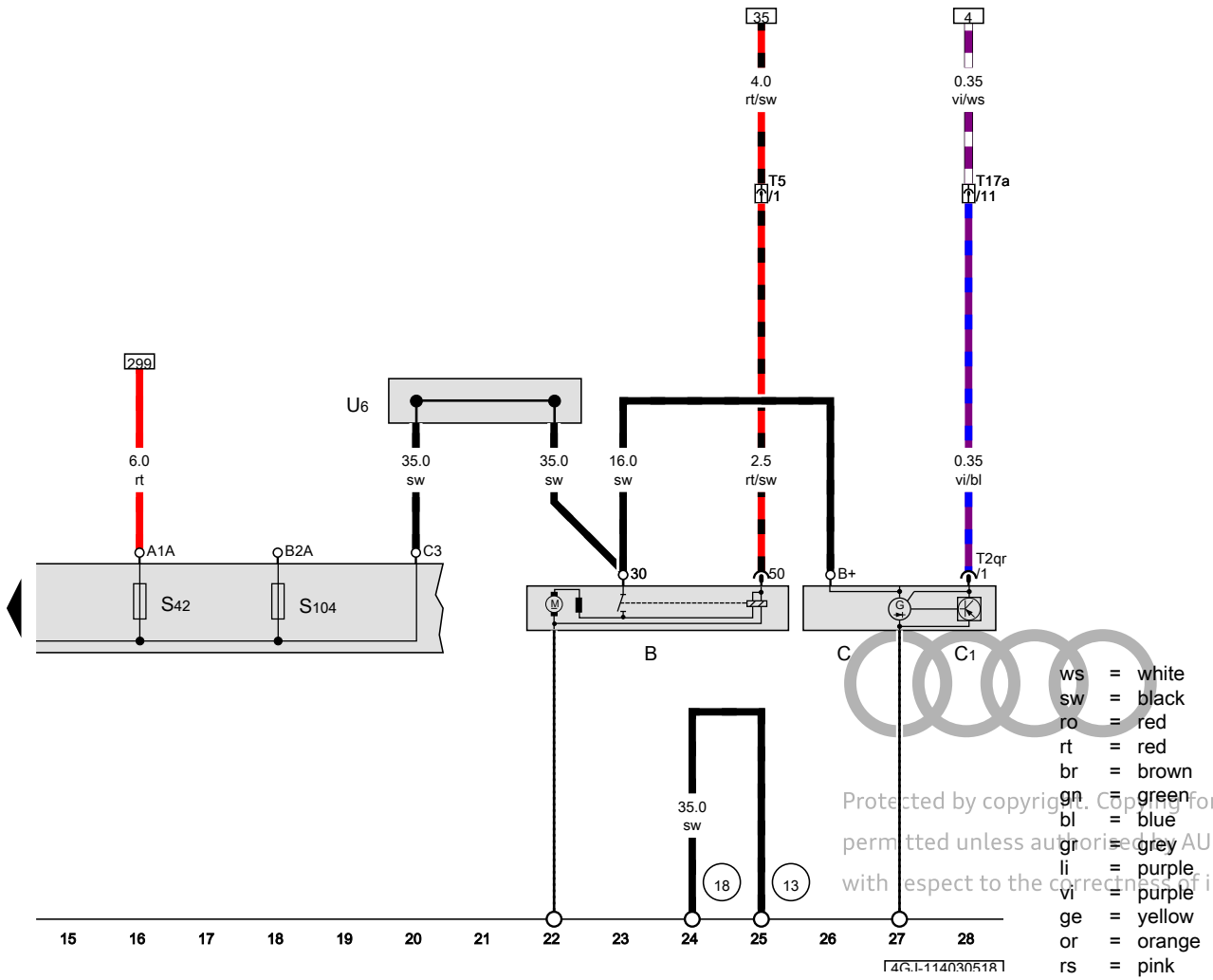
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li = purple
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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J217	Automatic gearbox control unit
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
S210	Fuse 7 (30)
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	For models with no manual gearbox
*3	Flat conductor
*4	For models with manual gearbox

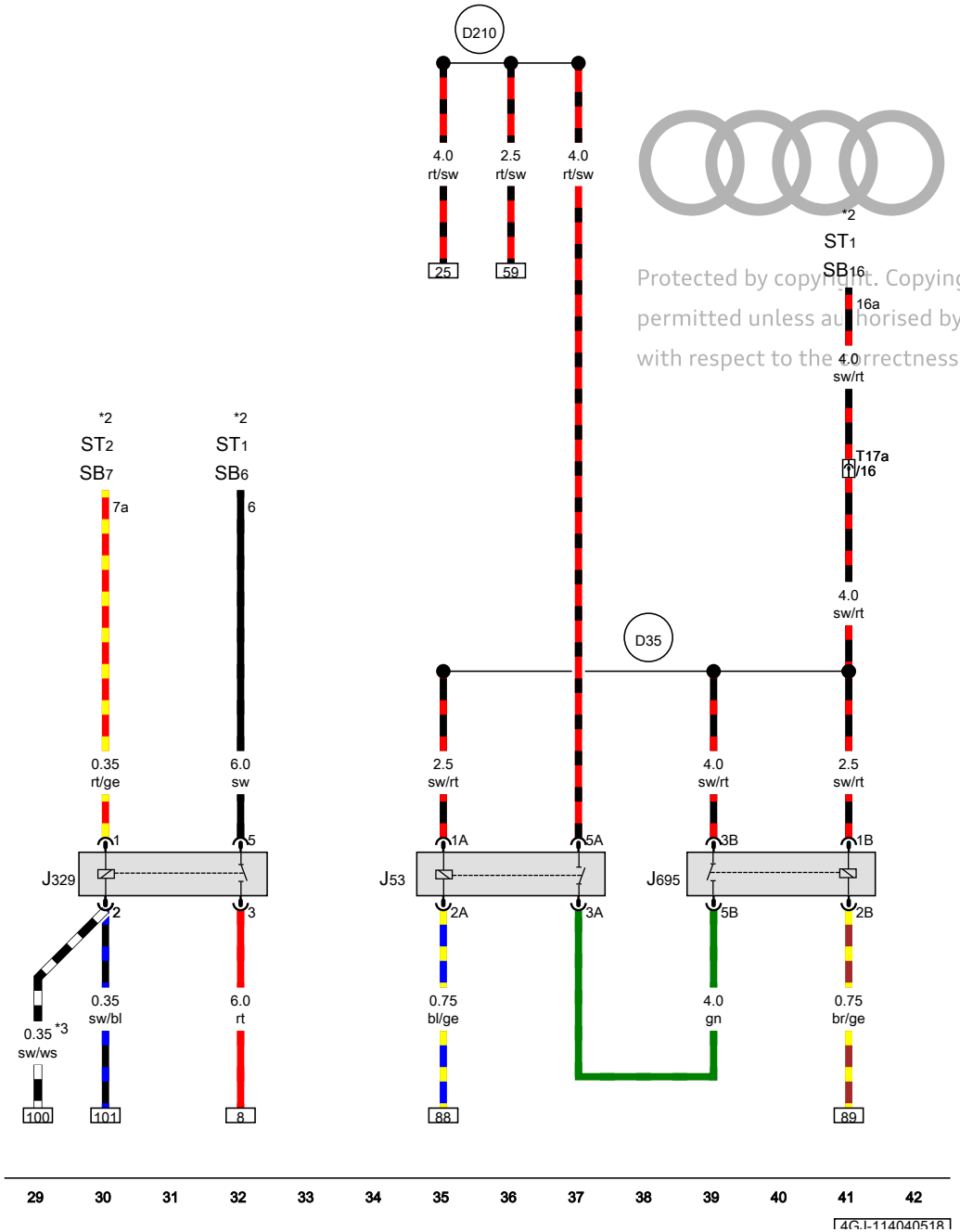
Starter, Alternator

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2qr	2-pin connector
T5	5-pin connector, central in plenum chamber
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
18	Earth point, on cylinder block



ws	=	white
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ro	=	red
rt	=	red
br	=	brown
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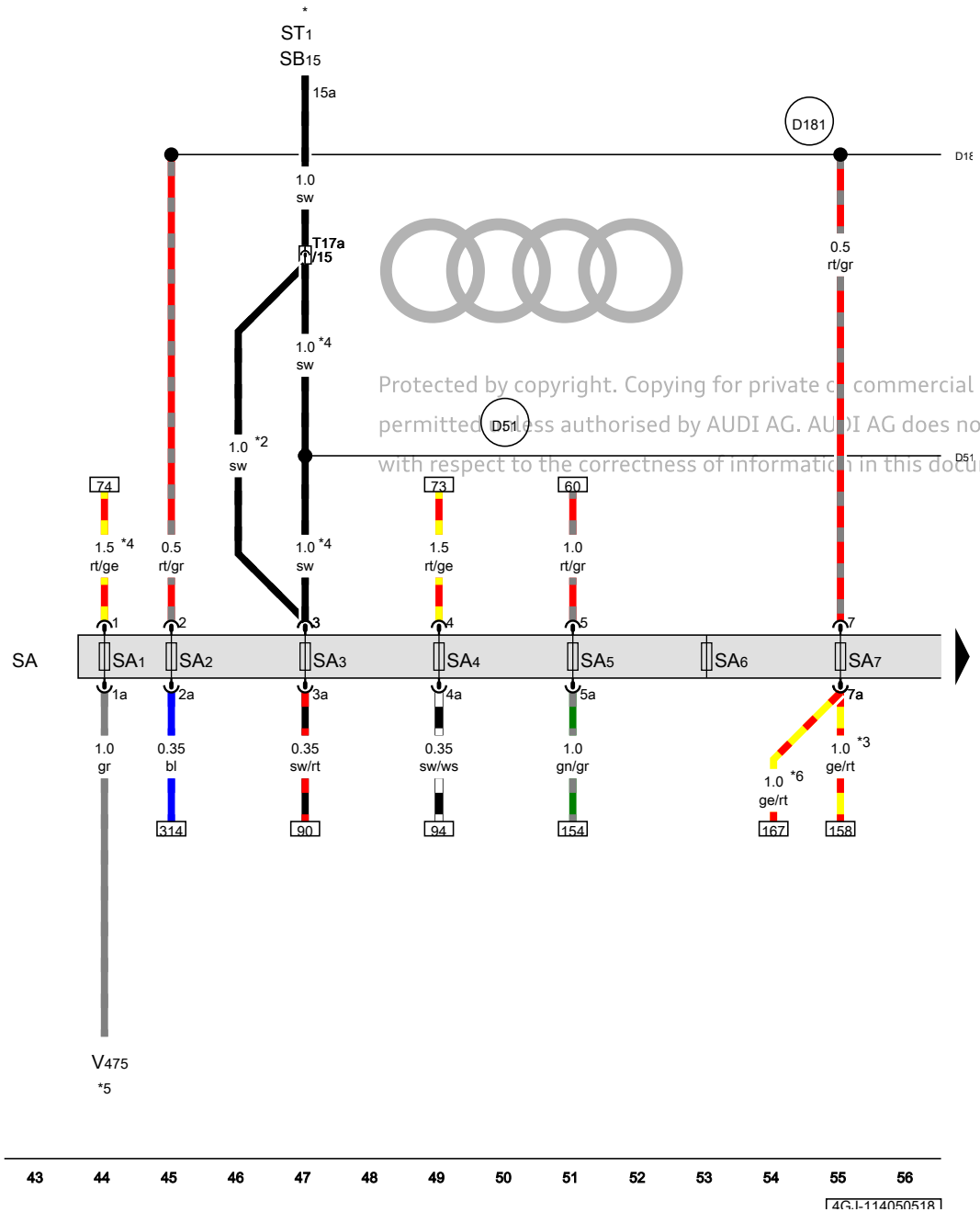


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	For right-hand drive models

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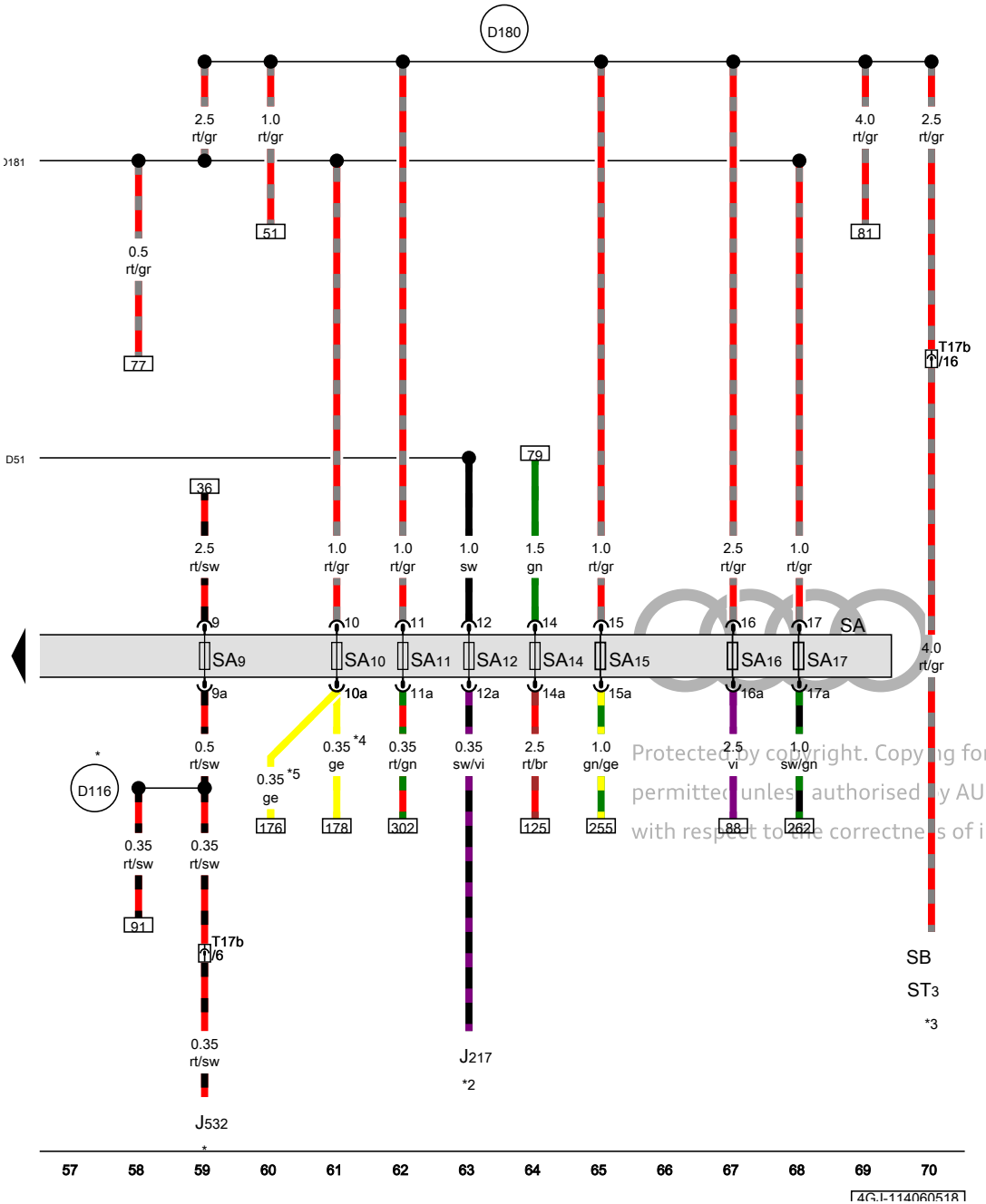


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Fuse holder A

SA	Fuse holder A
ST1	Fuse carrier 1
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SB15	Fuse 15 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
V475	Auxiliary hydraulic pump 1 for gearbox oil
D51	Positive connection 1 (15), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	Gradually discontinued
*4	For models with no manual gearbox
*5	see applicable current flow diagram for automatic gearbox
*6	gradual introduction

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Fuse holder A

J217	Automatic gearbox control unit
J532	Voltage stabiliser
SA	Fuse holder A
ST3	Fuse carrier 3
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
SB	Fuse holder B
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox
*3	see applicable current flow diagram for fuse assignment
*4	For models with no manual gearbox
*5	For models with manual gearbox

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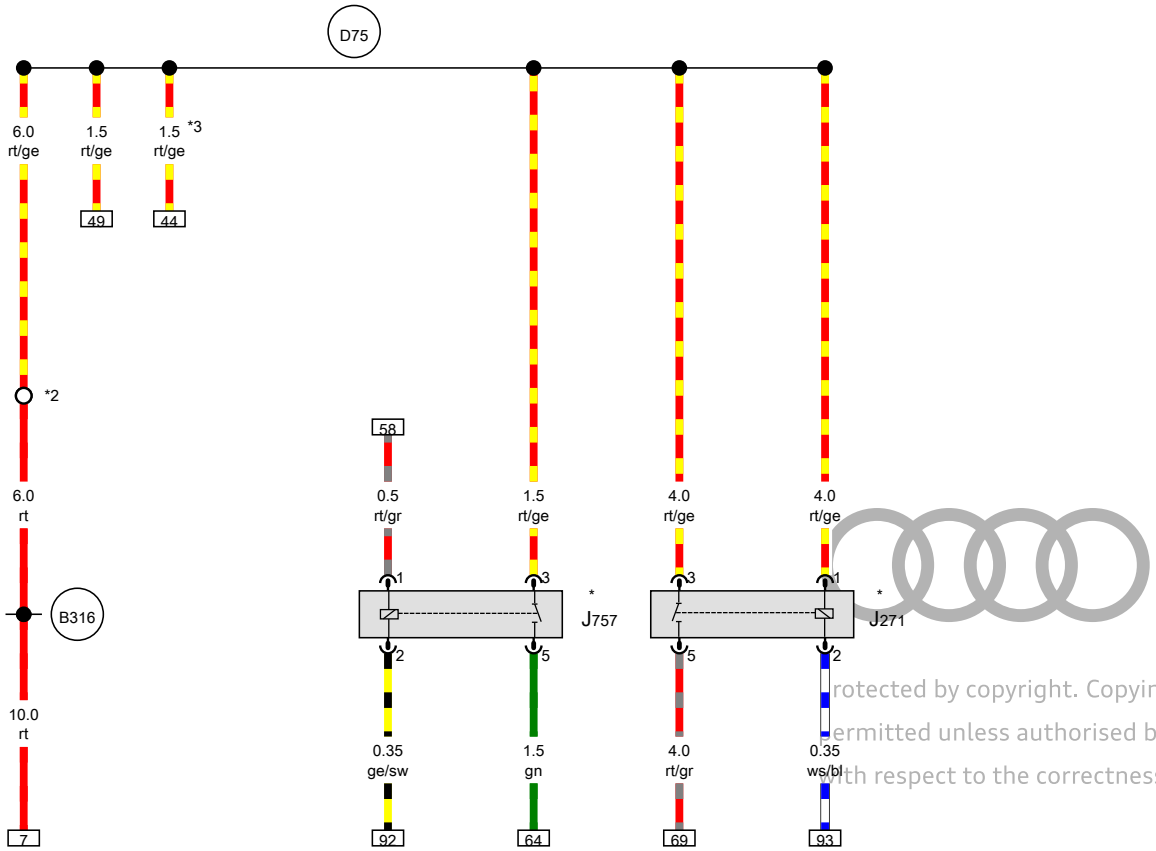
Main relay, Engine component current supply relay

J271 Main relay
J757 Engine component current supply relay

B316 Positive connection 2 (30a) in main wiring harness

D75 Positive connection 2 (30), in engine compartment wiring harness

* Relay and fuse carrier, in E-box in plenum chamber
*2 Threaded connection, in E-box in plenum chamber
*3 For models with no manual gearbox

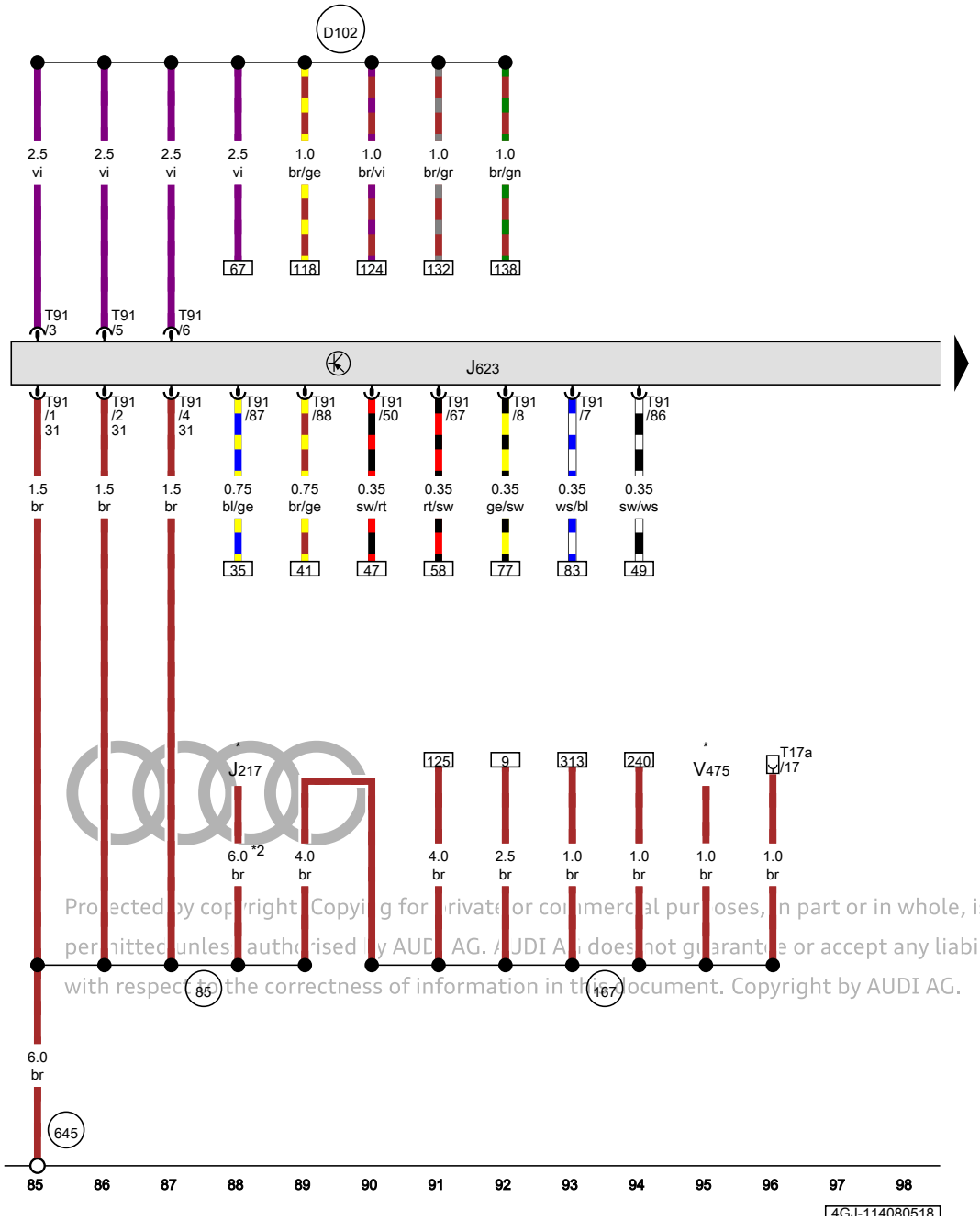


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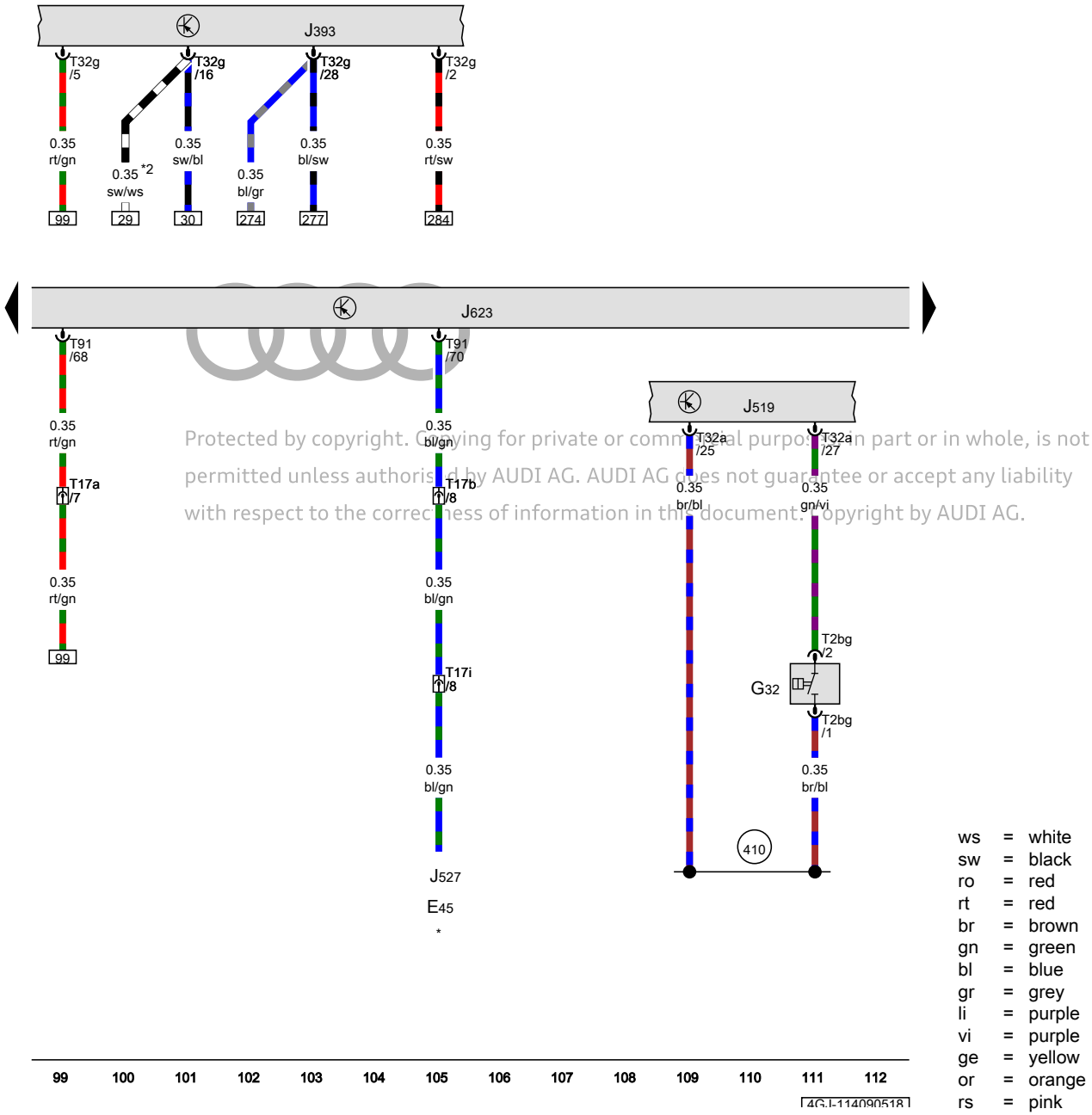


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Engine/motor control unit

J217	Automatic gearbox control unit
J623	Engine/motor control unit
T17a	17-pin connector
T91	91-pin connector
V475	Auxiliary hydraulic pump 1 for gearbox oil
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Gradually discontinued

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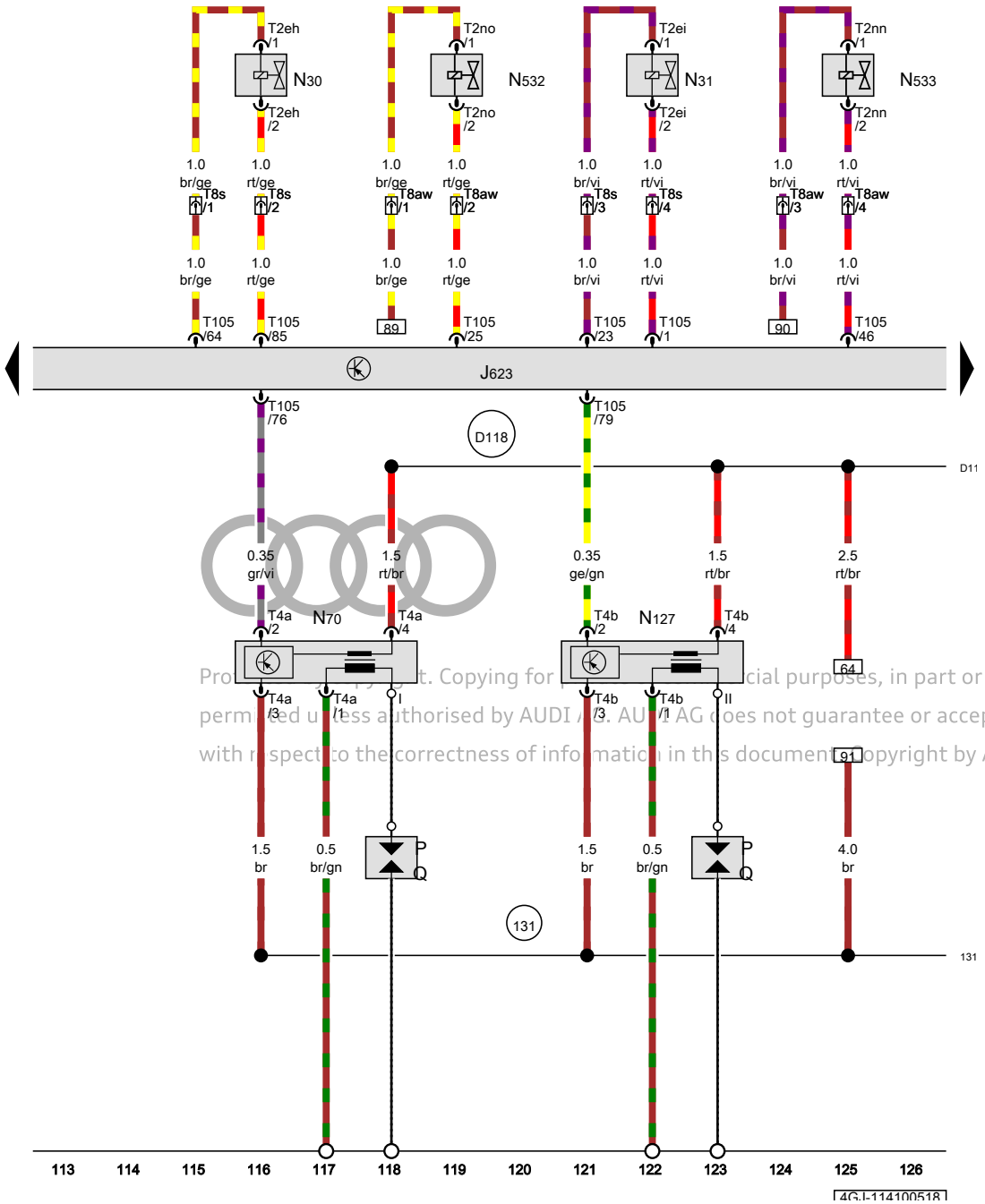


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Coolant shortage indicator sender, Onboard supply control unit, Engine/motor control unit

E45	Cruise control system switch
G32	Coolant shortage indicator sender
J393	Convenience system central control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T32a	32-pin connector
T32g	32-pin connector
T91	91-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
*	For models with cruise control system (CCS)
*2	For right-hand drive models



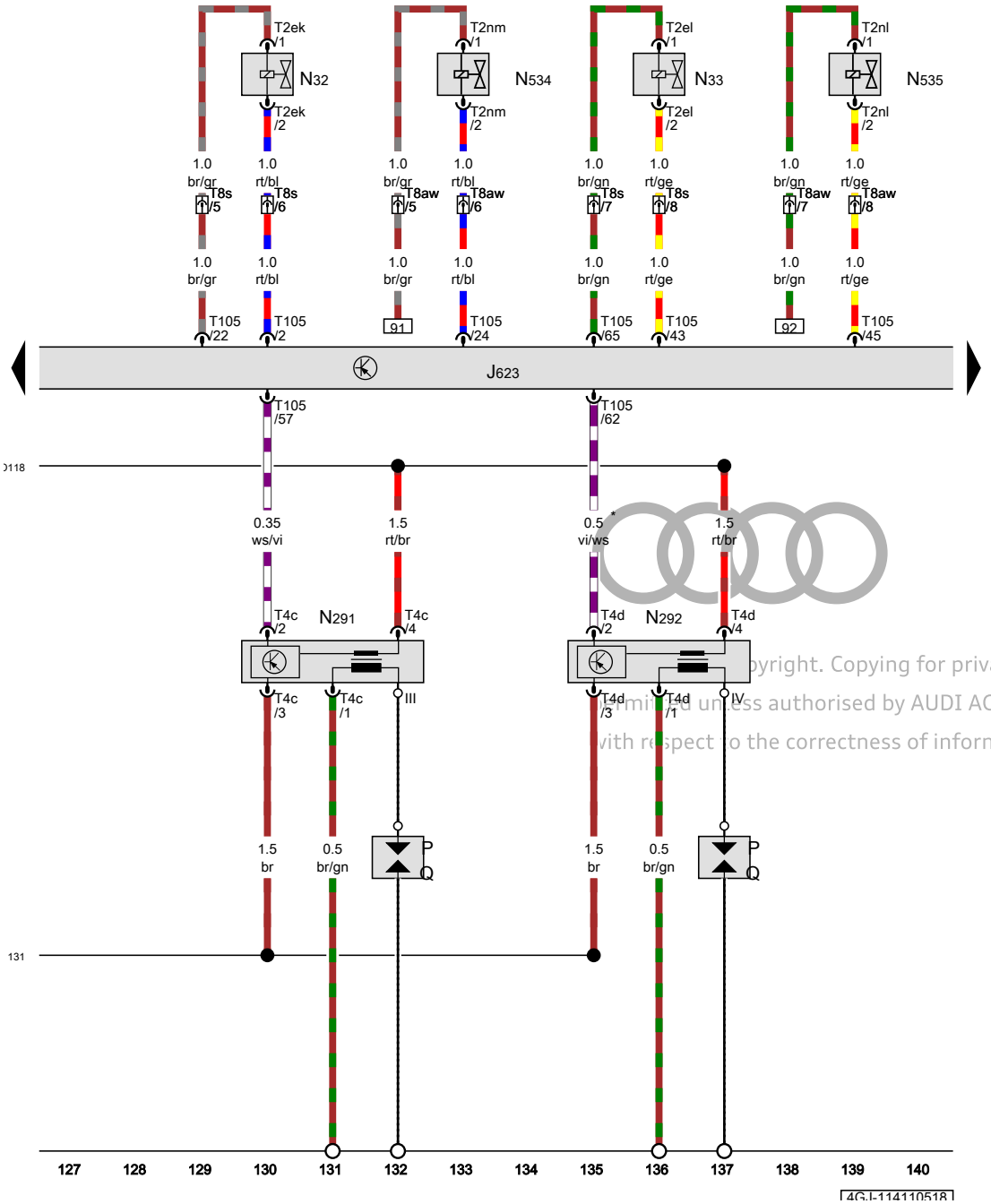
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Engine/motor control unit, Injector, cylinder 1, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
P	Spark plug connector
Q	Spark plugs
T2eh	2-pin connector
T2ei	2-pin connector
T2nn	2-pin connector
T2no	2-pin connector
T4a	4-pin connector
T4b	4-pin connector
T8aw	8-pin connector
T8s	8-pin connector
T105	105-pin connector
131	Earth connection 2, in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness

Engine/motor control unit, Injector, cylinder 4, Ignition coil 4 with output stage, Spark plug connector, Spark plugs



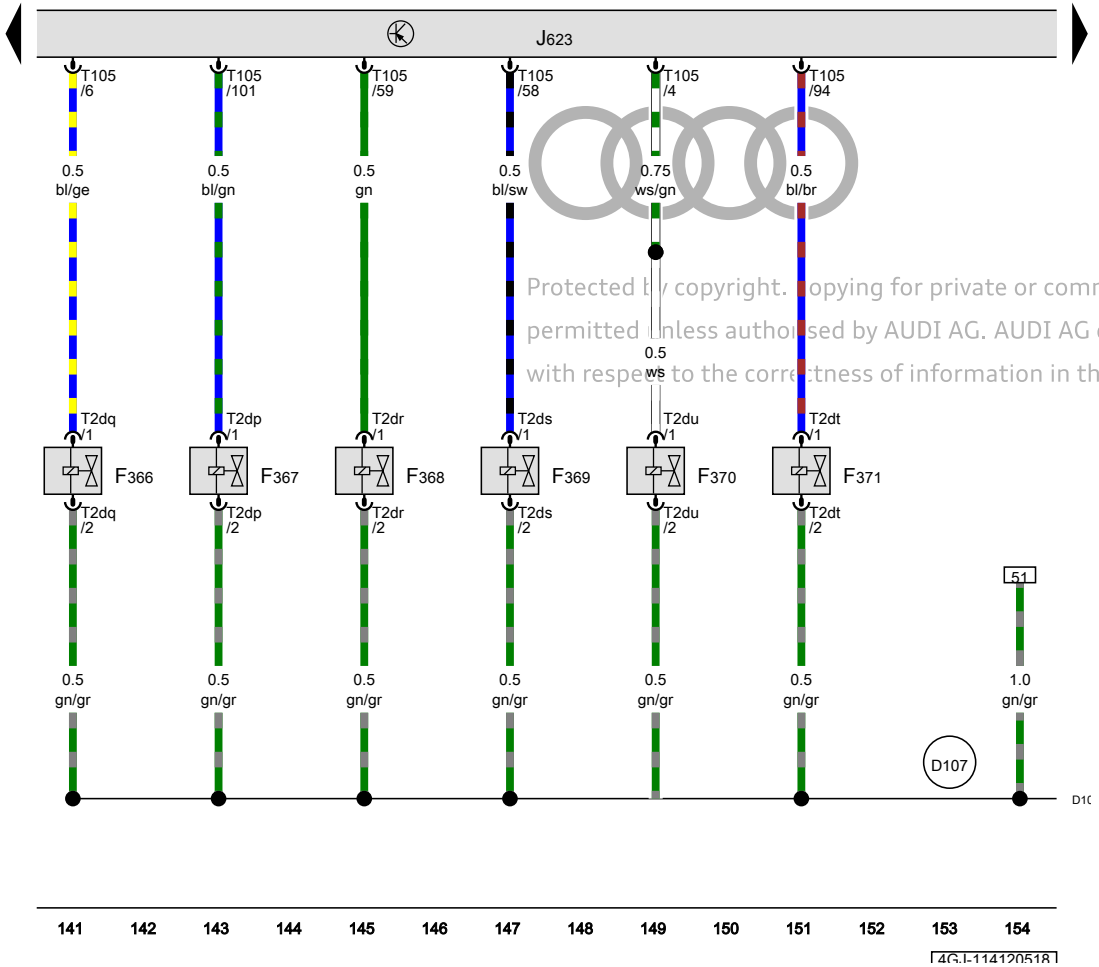
J623	Engine/motor control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
P	Spark plug connector
Q	Spark plugs
T2ek	2-pin connector
T2el	2-pin connector
T2nl	2-pin connector
T2nm	2-pin connector
T4c	4-pin connector
T4d	4-pin connector
T8aw	8-pin connector
T8s	8-pin connector
T105	105-pin connector
131	Earth connection 2, in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
*	gradual introduction

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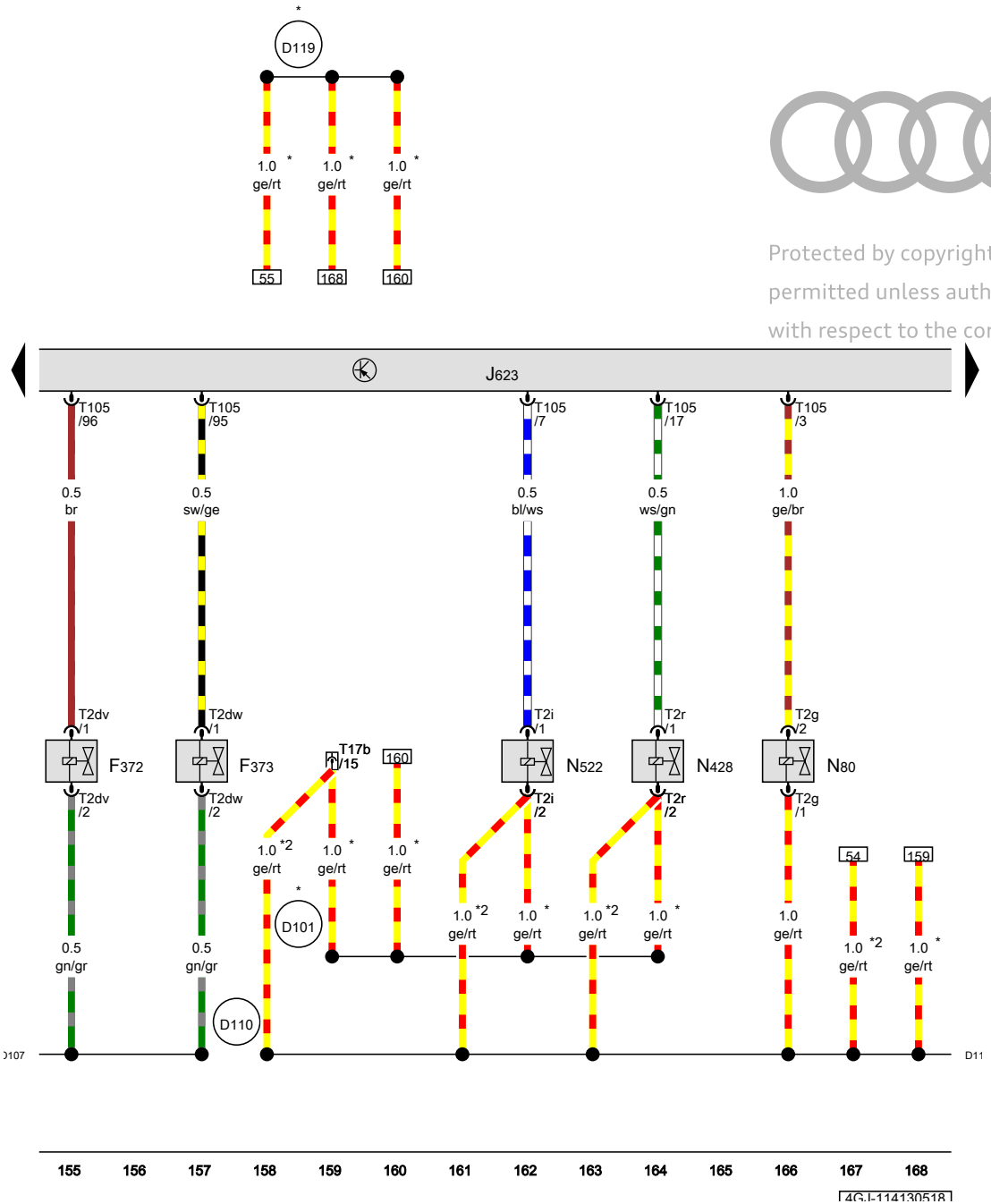
Cam adjustment actuator 2, Engine/motor control unit

F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F371	Cam adjustment actuator 6
J623	Engine/motor control unit
T2dp	2-pin connector
T2dq	2-pin connector
T2dr	2-pin connector
T2ds	2-pin connector
T2dt	2-pin connector
T2du	2-pin connector
T105	105-pin connector
D107	Connection 5 in engine compartment wiring harness



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Cam adjustment actuator 7, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Valve for oil pressure control, Piston cooling jet control valve

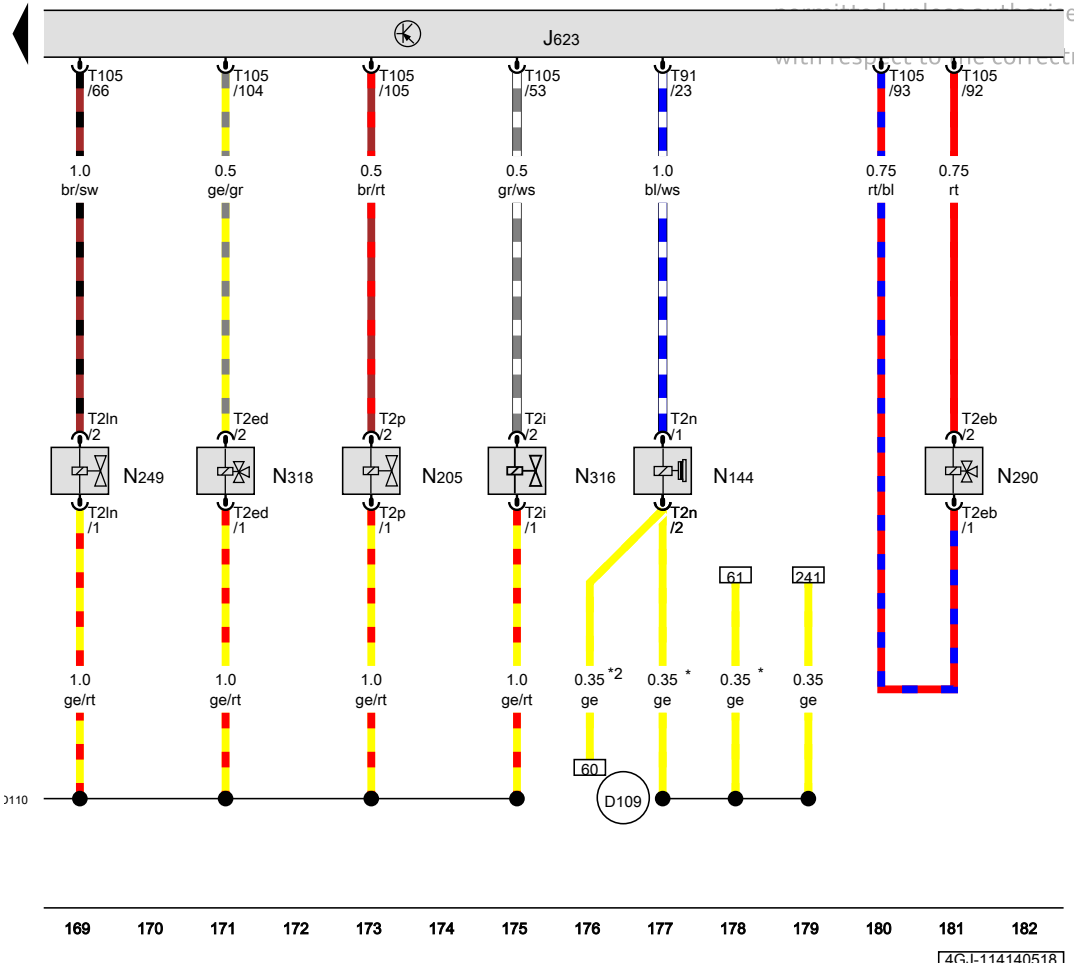
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N428	Valve for oil pressure control
N522	Piston cooling jet control valve
T2dv	2-pin connector
T2dw	2-pin connector
T2g	2-pin connector
T2i	2-pin connector
T2r	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T105	105-pin connector
D101	Connection 1 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

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Engine/motor control unit, Turbocharger air recirculation valve, Fuel metering valve, Exhaust camshaft control valve 1

J623	Engine/motor control unit
N144	Left electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N290	Fuel metering valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
T2eb	2-pin connector
T2ed	2-pin connector
T2i	2-pin connector
T2ln	2-pin connector
T2n	2-pin connector
T2p	2-pin connector
T91	91-pin connector
T105	105-pin connector
D109	Connection 7 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	For models with no manual gearbox
*2	For models with manual gearbox

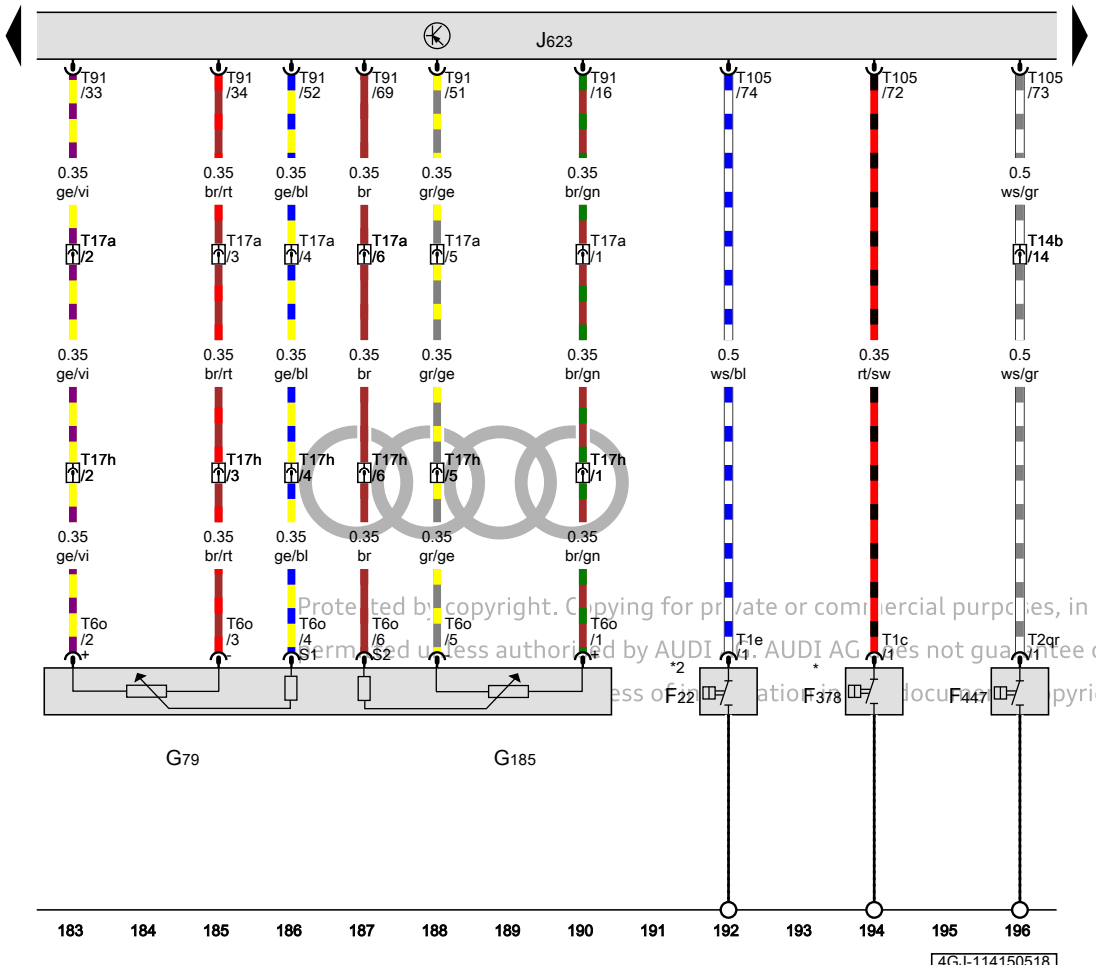
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Stage 3 oil pressure switch, Accelerator position sender, Engine/motor control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T1c	1-pin connector
T1e	1-pin connector
T2qr	2-pin connector, black
T6o	6-pin connector
T14b	14-pin connector
T17a	17-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T91	91-pin connector
T105	105-pin connector
*	0.9 bar
*2	2.6 bar

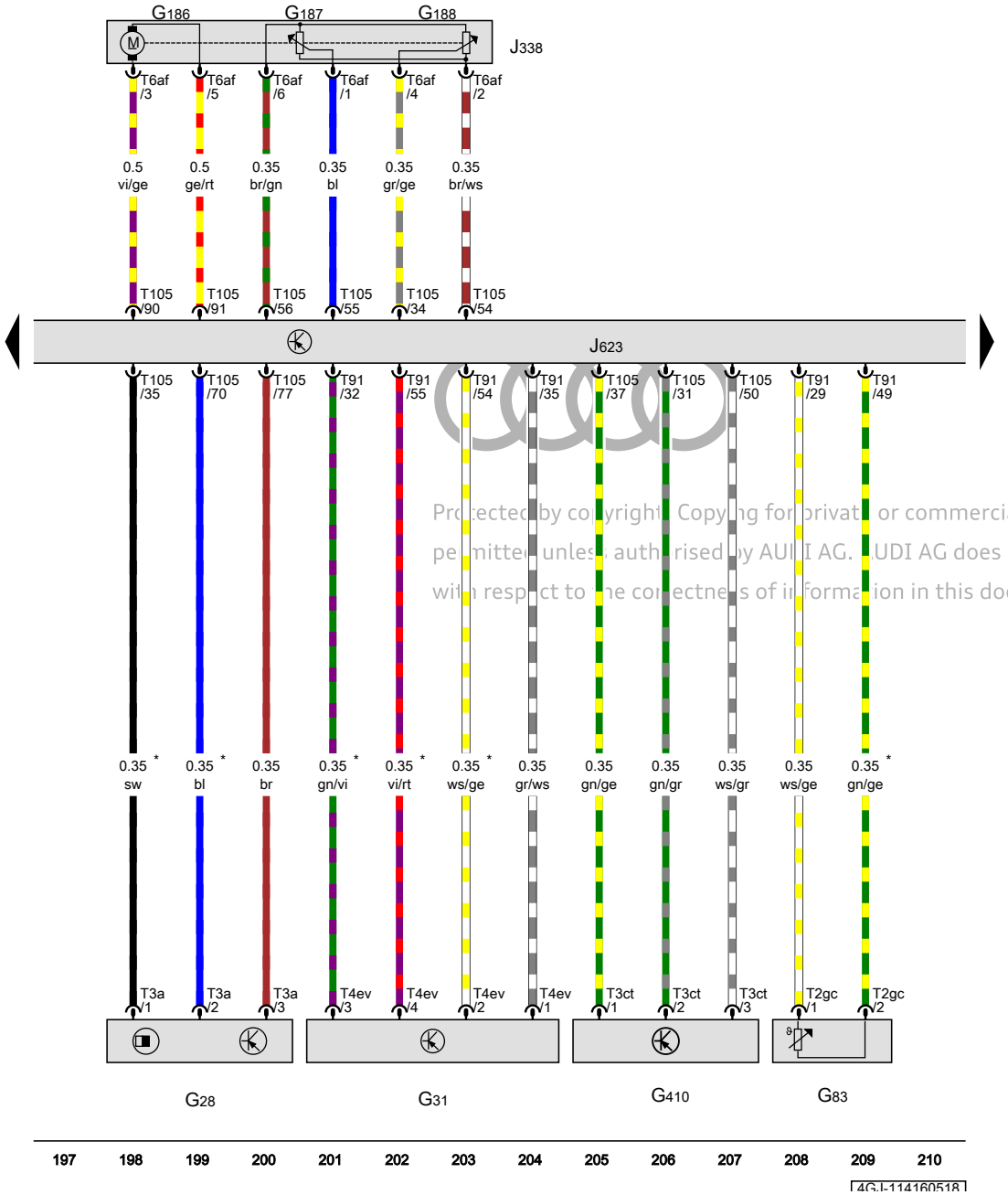


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Engine speed sender, Radiator outlet coolant temperature sender, Throttle valve module, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G410	Fuel pressure sender for low pressure
J338	Throttle valve module
J623	Engine/motor control unit
T2gc	2-pin connector
T3a	3-pin connector
T3ct	3-pin connector
T4ev	4-pin connector
T6af	6-pin connector
T91	91-pin connector
T105	105-pin connector
*	Wiring colour depends on equipment

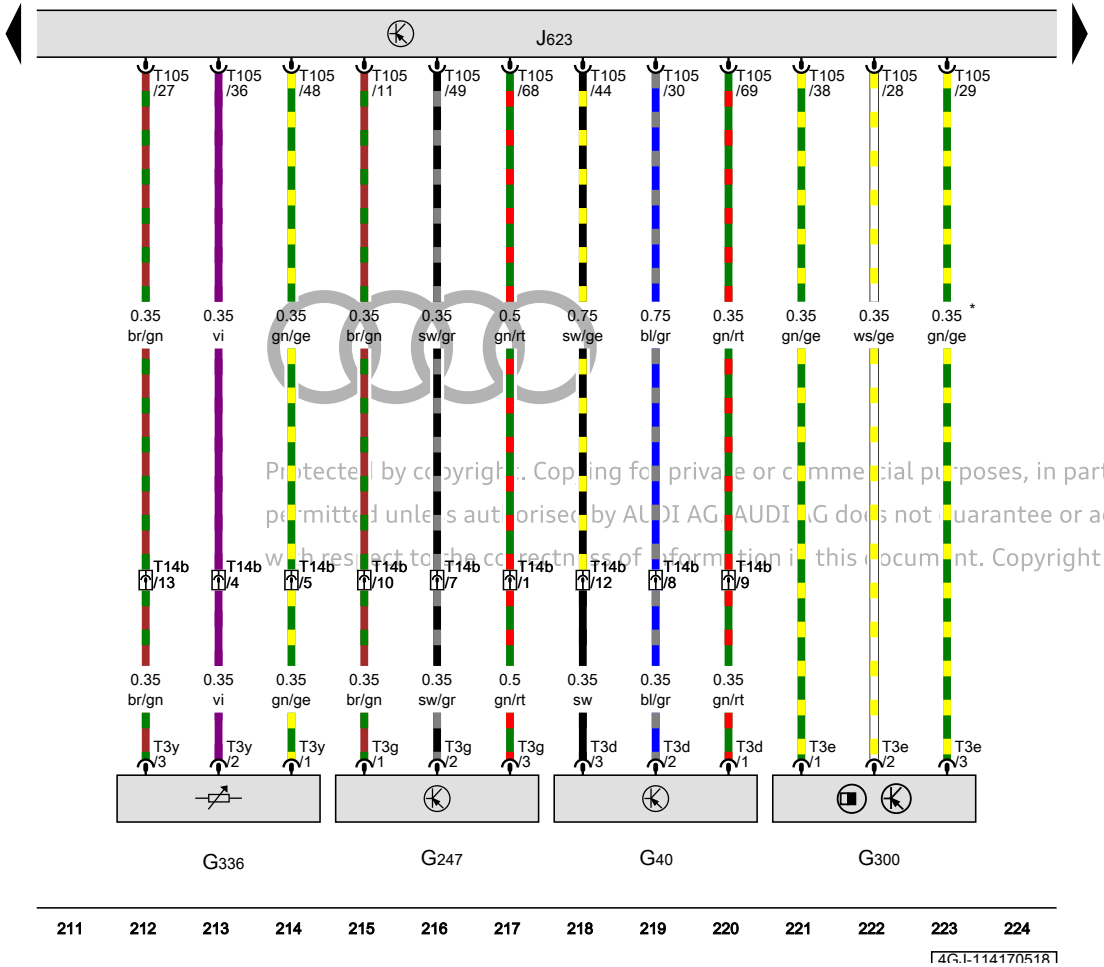


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Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

G40	Hall sender
G247	Fuel pressure sender
G300	Hall sender 3
G336	Intake manifold flap potentiometer
J623	Engine/motor control unit
T3d	3-pin connector
T3e	3-pin connector
T3g	3-pin connector
T3y	3-pin connector
T14b	14-pin connector, on left in engine compartment
T105	105-pin connector
*	Wiring colour depends on equipment



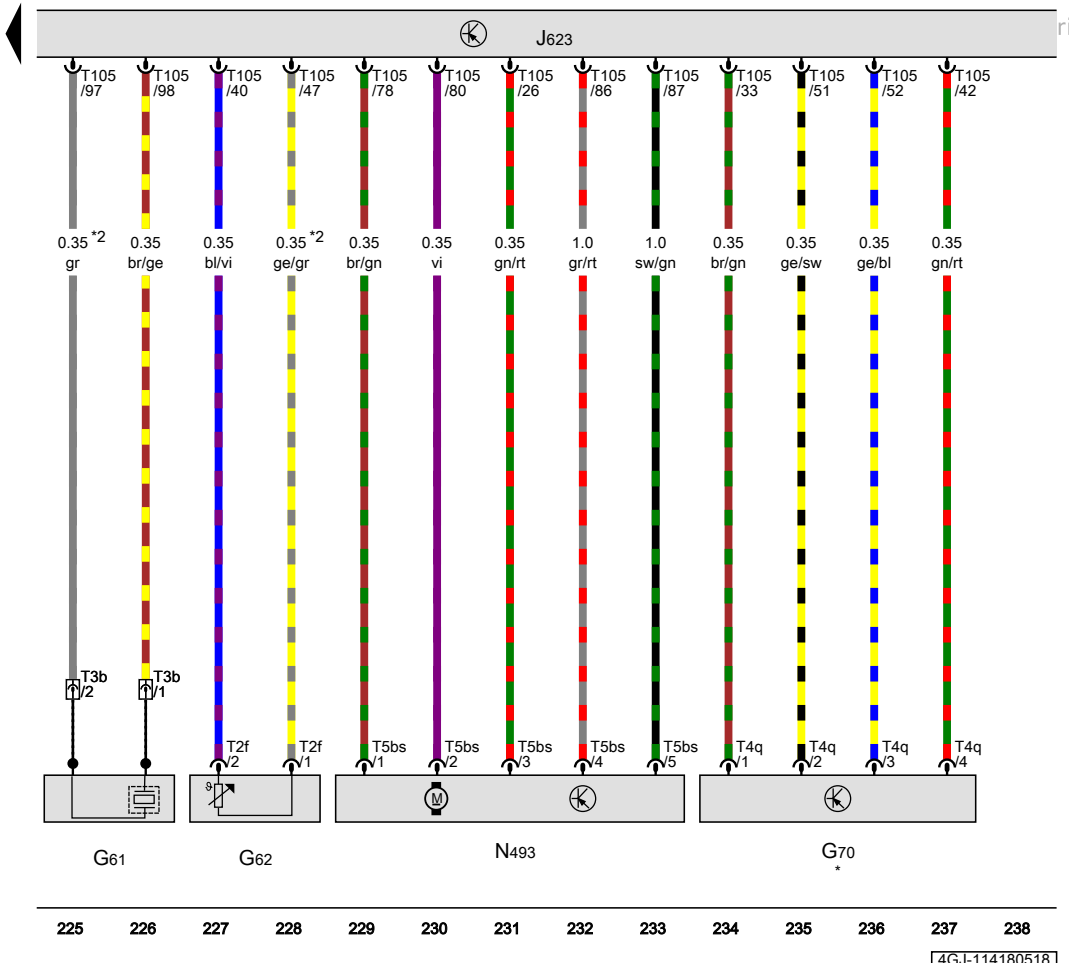
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Knock sensor 1, Coolant temperature sender, Engine/motor control unit

G61	Knock sensor 1
G62	Coolant temperature sender
G70	Air mass meter
J623	Engine/motor control unit
N493	Actuator for engine temperature regulation
T2f	2-pin connector
T3b	3-pin connector, green
T4q	4-pin connector
T5bs	5-pin connector
T105	105-pin connector
*	gradual introduction
*2	Wiring colour depends on equipment

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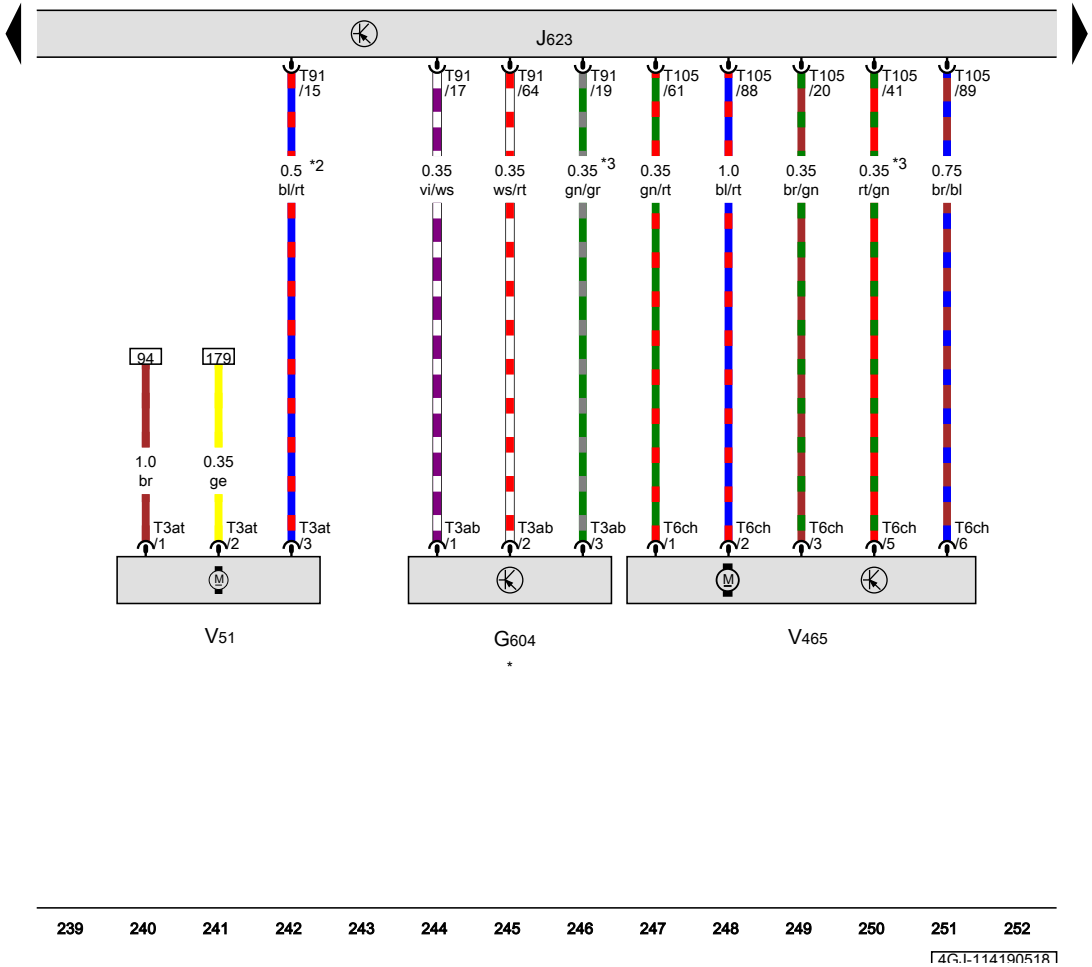


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Gear detection sensor, Engine/motor control unit, Charge pressure positioner

G604	Gear detection sensor
J623	Engine/motor control unit
T3ab	3-pin connector
T3at	3-pin connector
T6ch	6-pin connector
T91	91-pin connector
T105	105-pin connector
V51	Continued coolant circulation pump
V465	Charge pressure positioner
*	For models with manual gearbox
*2	For models with no manual gearbox
*3	Wiring colour depends on equipment

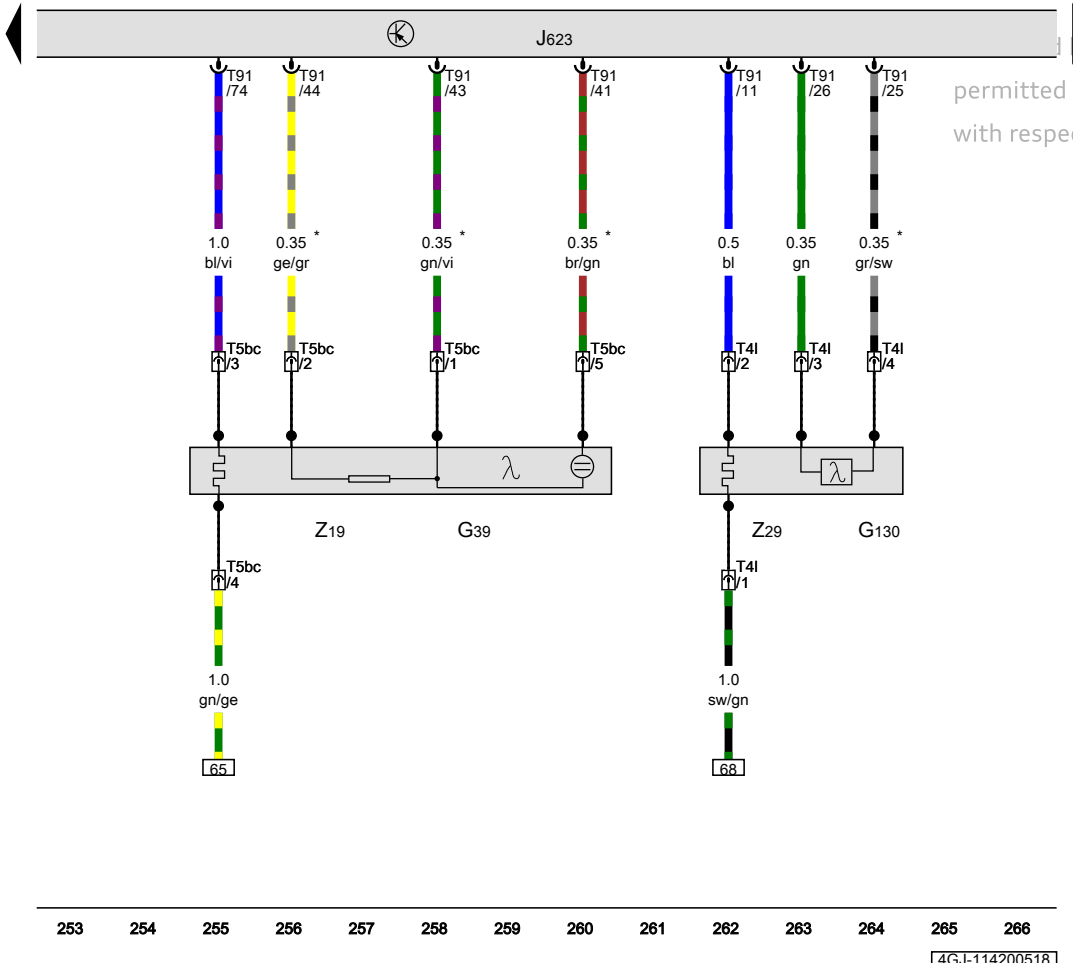
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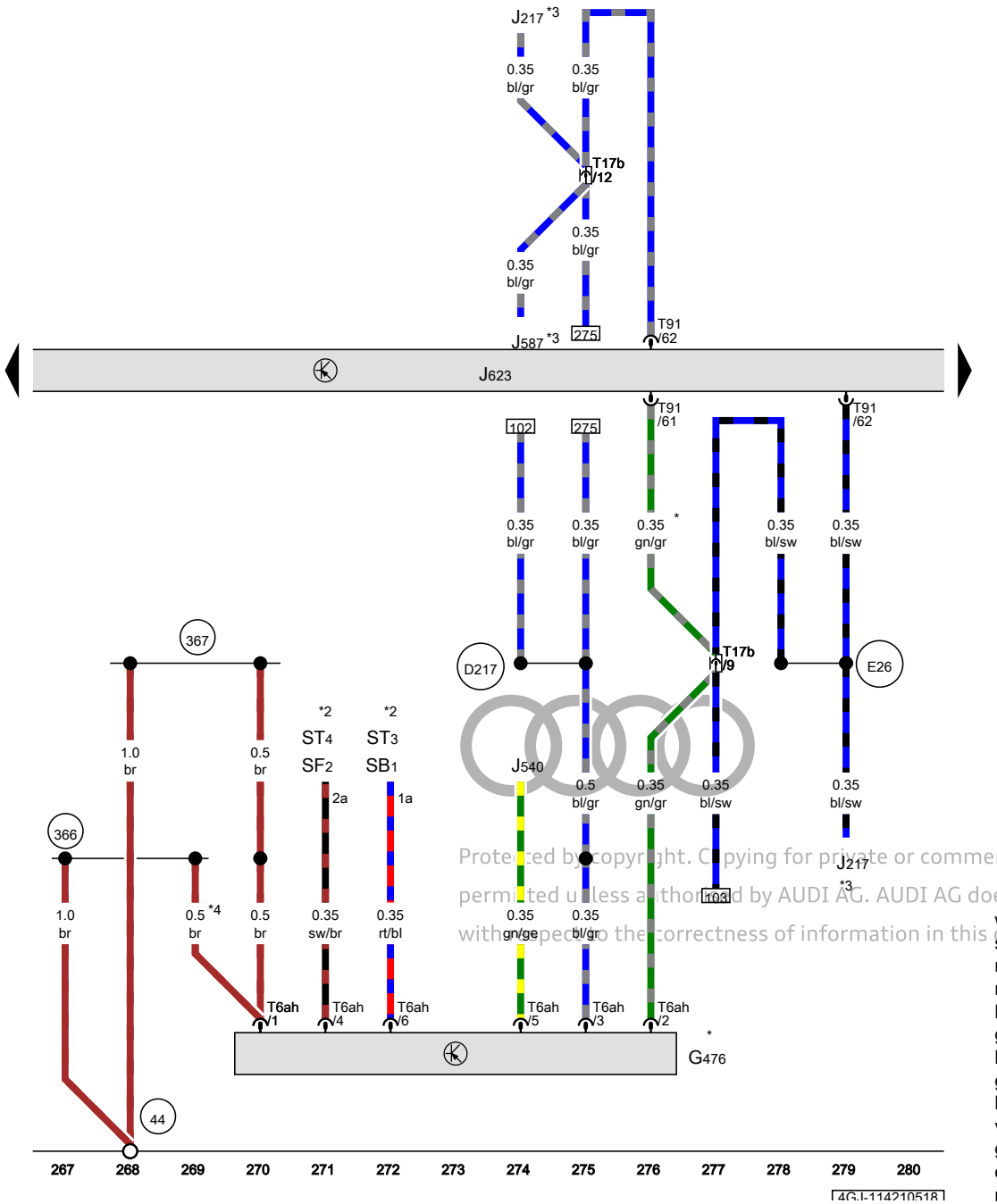
Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T4l	4-pin connector, black
T5bc	5-pin connector, black
T91	91-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
*	Wiring colour depends on equipment



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Clutch position sender, Control unit for electromechanical parking brake, Engine/motor control unit

G476	Clutch position sender
J217	Automatic gearbox control unit
J540	Control unit for electromechanical parking brake
J587	Selector lever sensors control unit
J623	Engine/motor control unit
SB1	Fuse 1 on fuse holder B
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
T6ah	6-pin connector
T17b	17-pin connector
T91	91-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for automatic gearbox
*4	gradual introduction

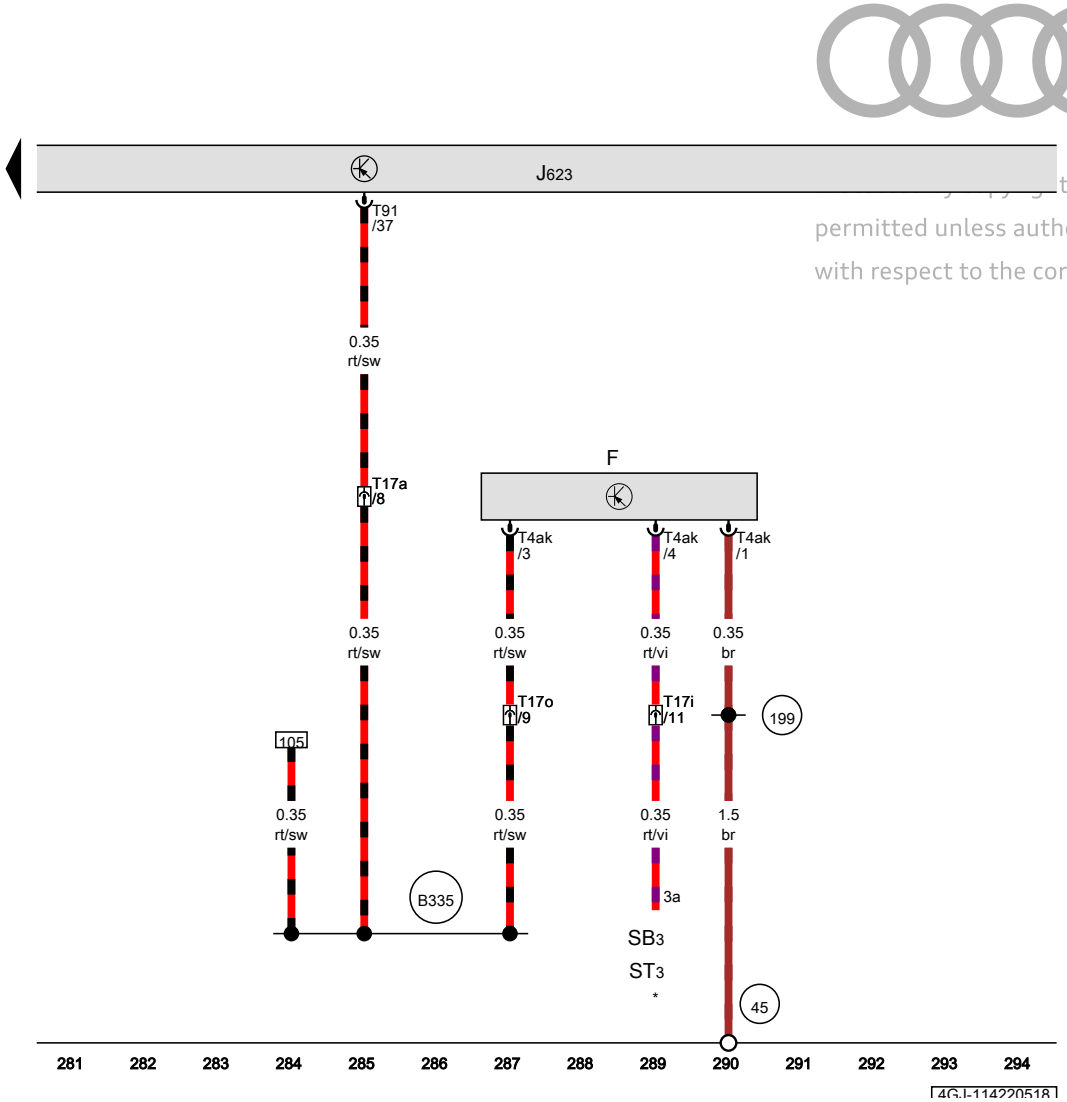
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Brake light switch, Engine/motor control unit

F	Brake light switch
J623	Engine/motor control unit
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
T4ak	4-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17i	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T91	91-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for fuse assignment

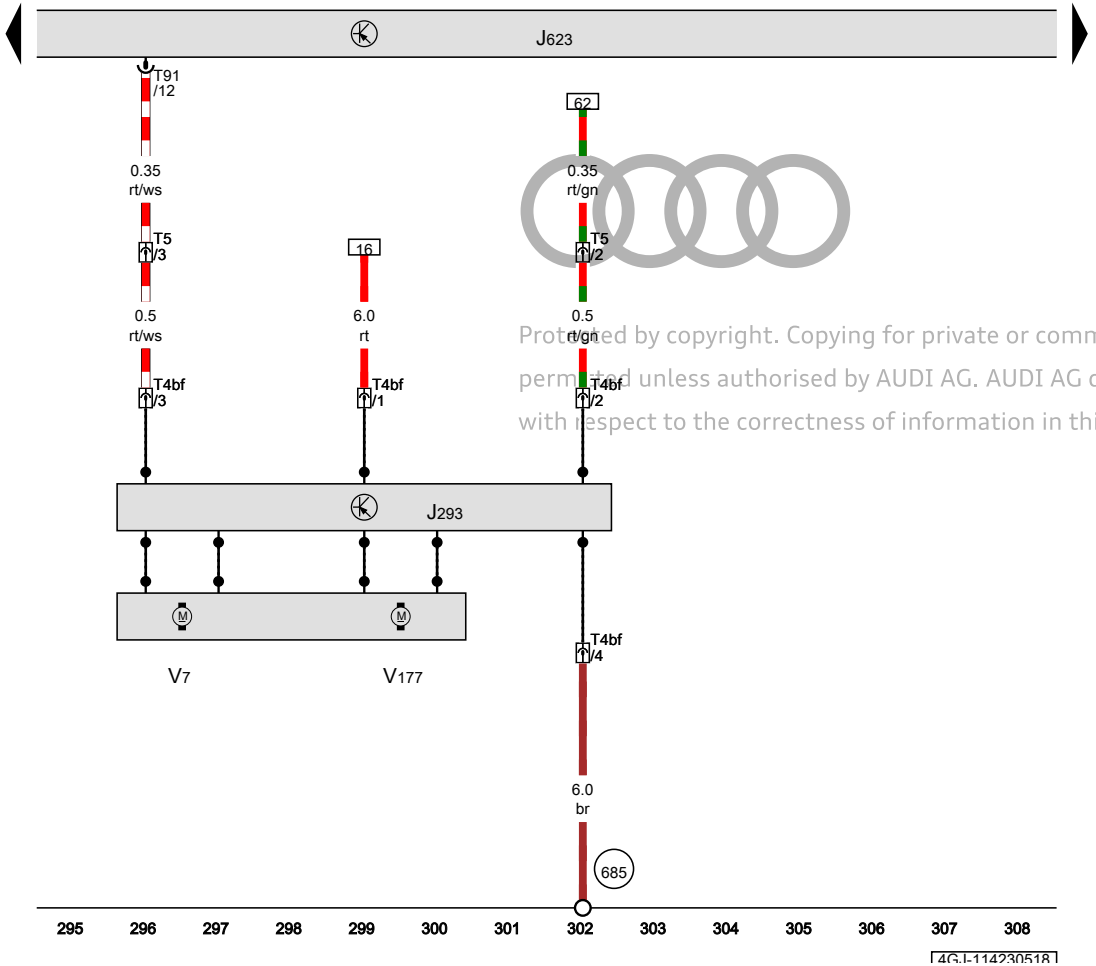
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Radiator fan control unit, Engine/motor control unit, Radiator fan, Radiator fan 2

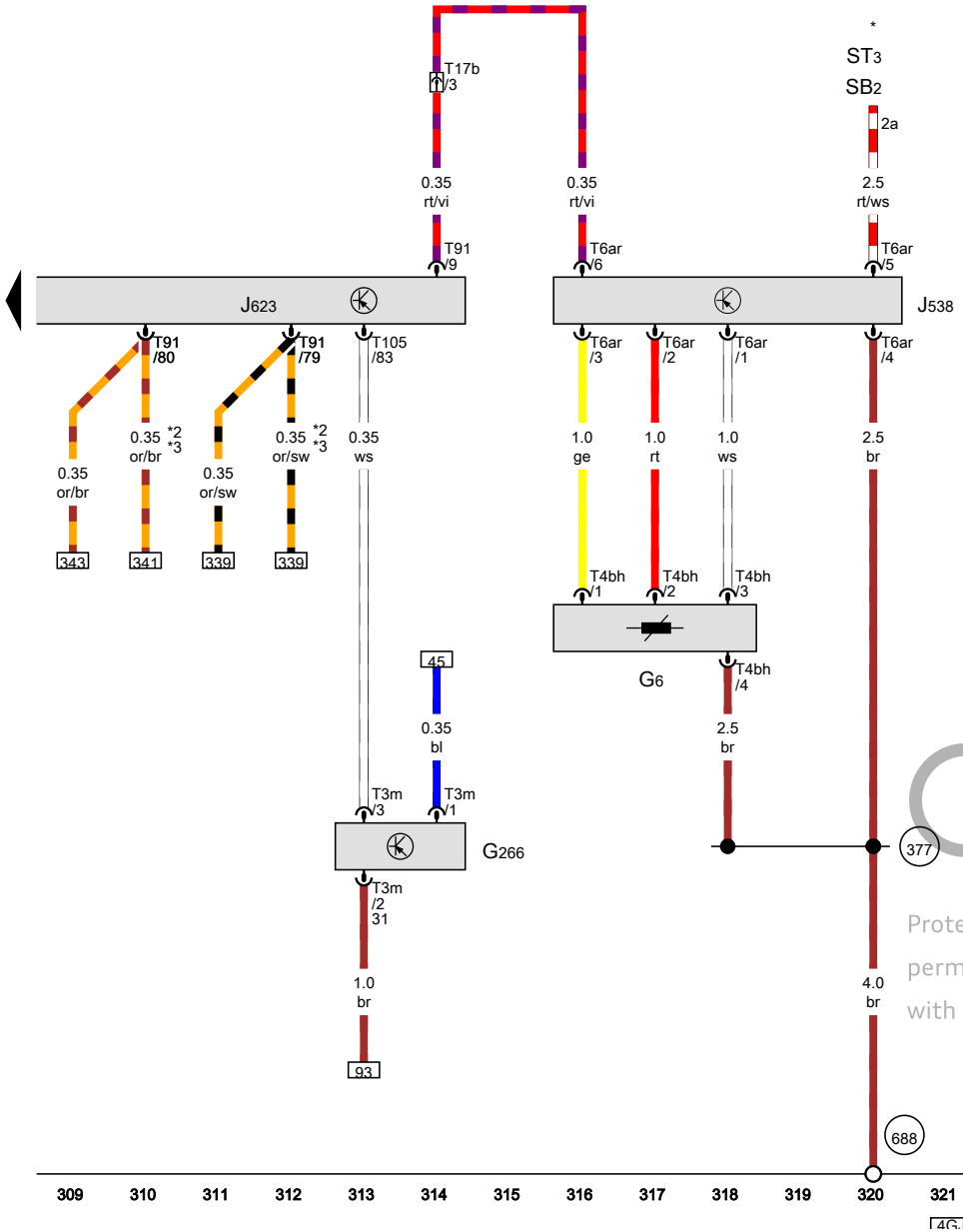
J293	Radiator fan control unit
J623	Engine/motor control unit
T4bf	4-pin connector
T5	5-pin connector, central in plenum chamber
T91	91-pin connector
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member



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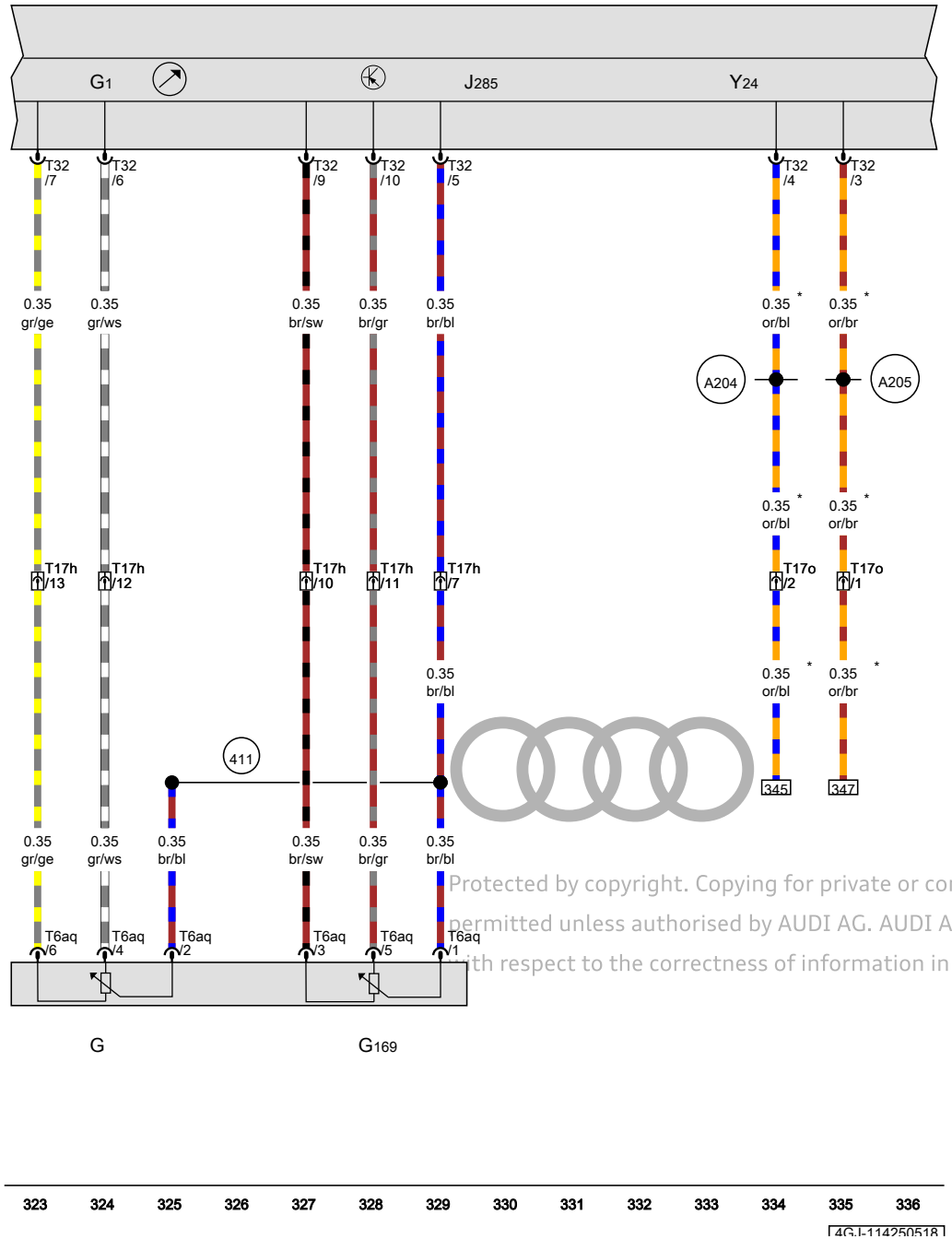
Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit



G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
T3m	3-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector
T91	91-pin connector
T105	105-pin connector
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	Data bus wire (CAN bus)

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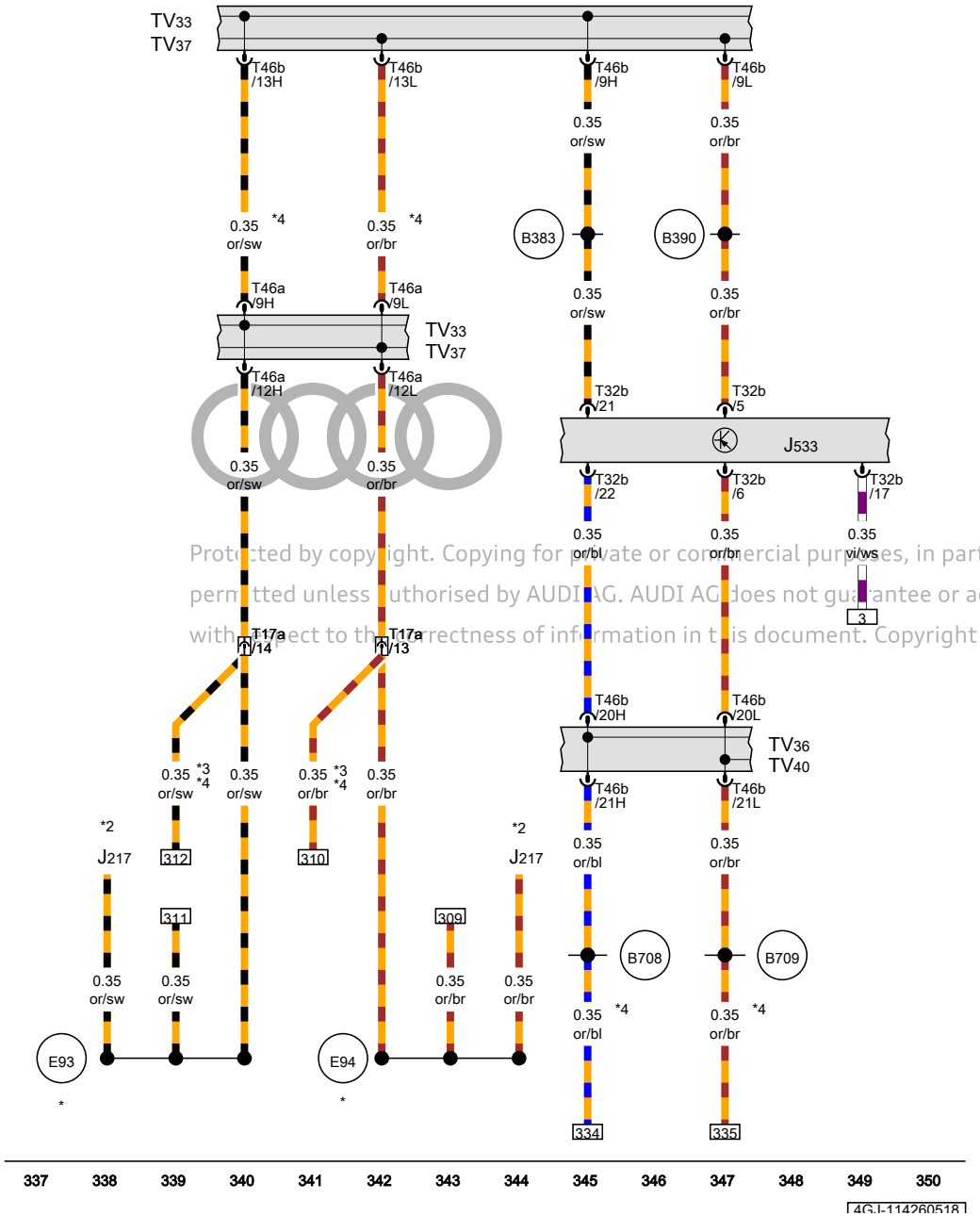


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
*	Data bus wire (CAN bus)

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Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

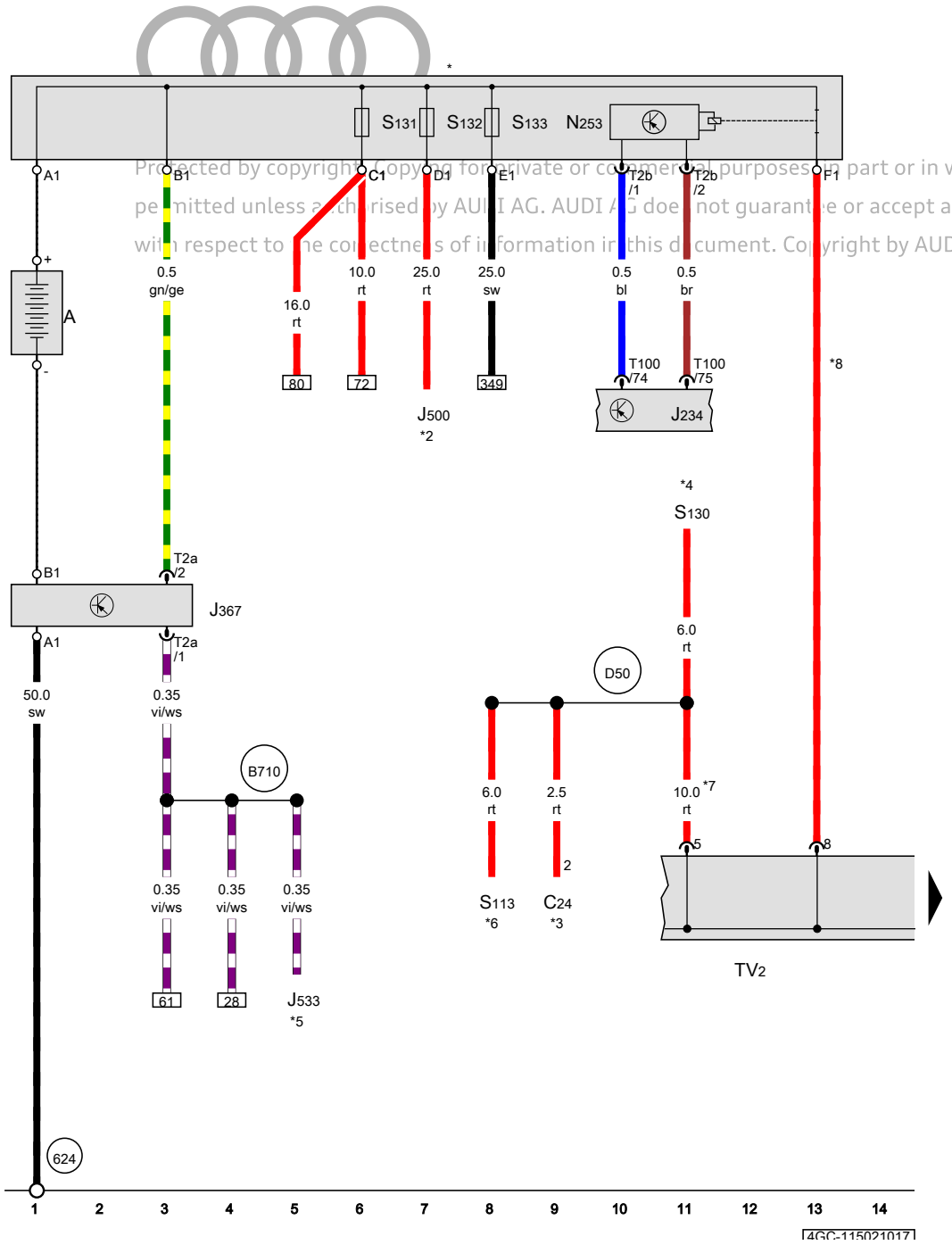
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox
*3	For models with manual gearbox
*4	Data bus wire (CAN bus)

Fuse assignment for RHD vehicles , (L0R)

From September 2014

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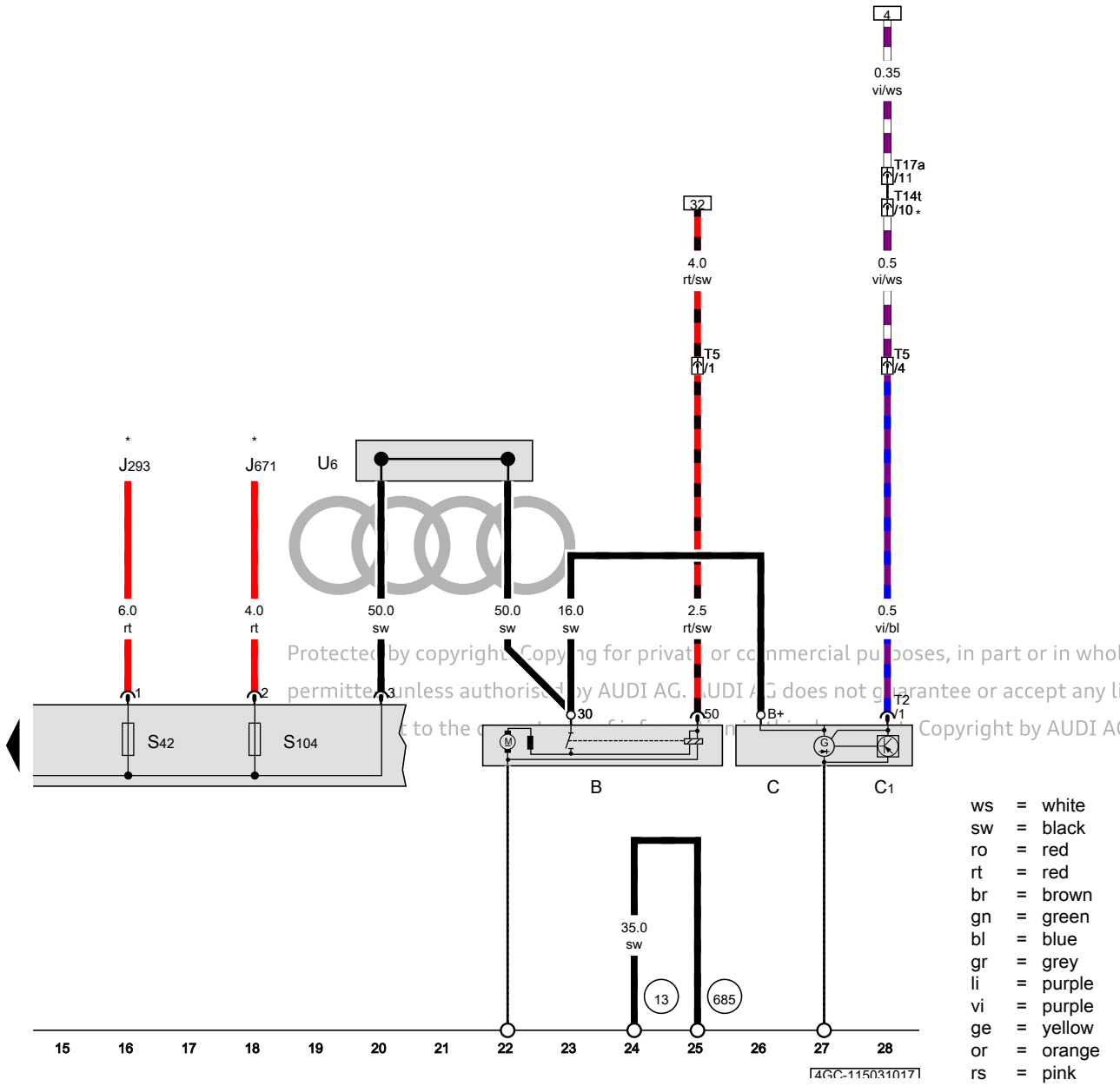
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Battery, Battery monitor control unit, Battery isolation igniter

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S130	Secondary air pump fuse
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine
*4	For models with secondary air pump
*5	see applicable current flow diagram for data bus network
*6	see applicable current flow diagram for dual clutch gearbox
*7	Cross section depends on equipment
*8	Flat conductor

Starter, Alternator, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J293	Radiator fan control unit
J671	Radiator fan control unit 2
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T5	5-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for engine

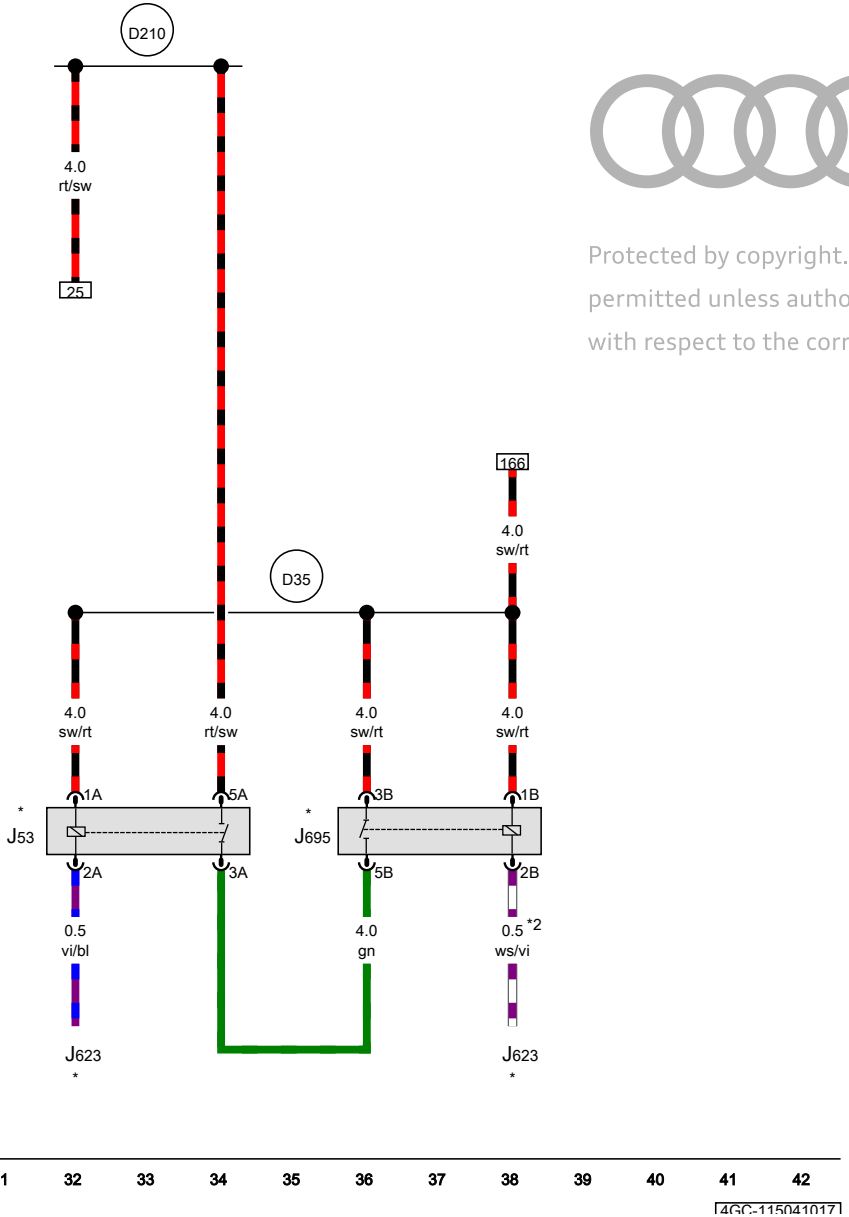


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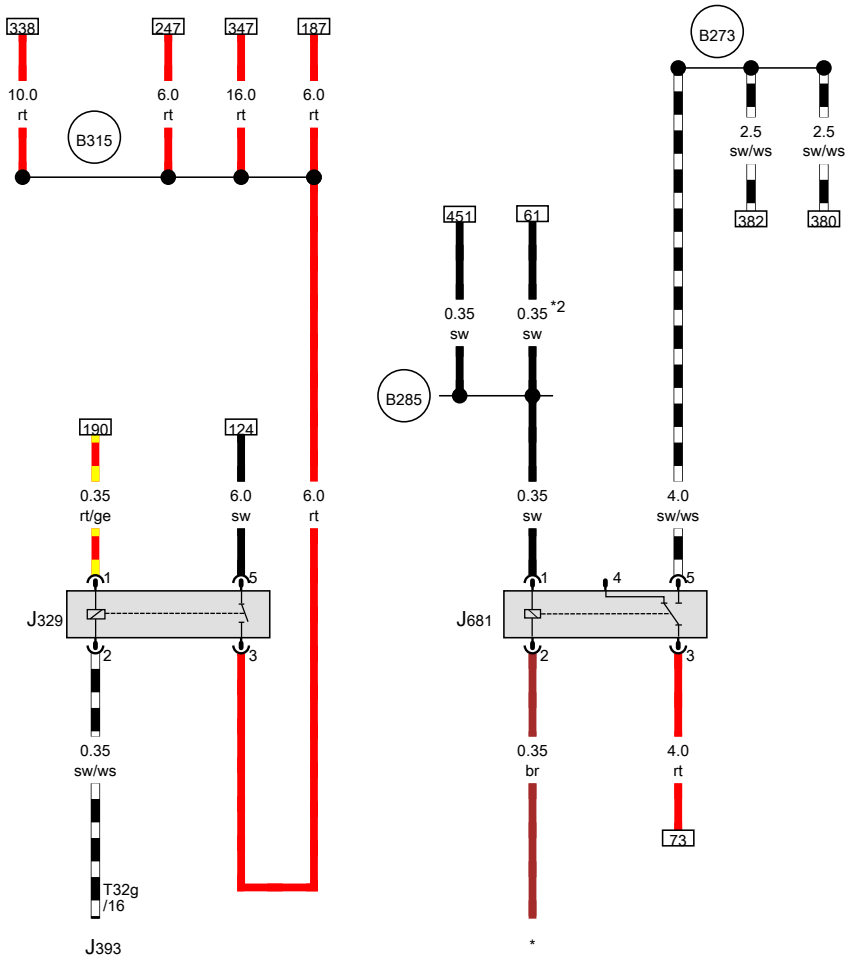
Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine/motor control unit
J695	Starter motor relay 2
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment



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Terminal 15 voltage supply relay, Terminal 15 voltage supply relay 2

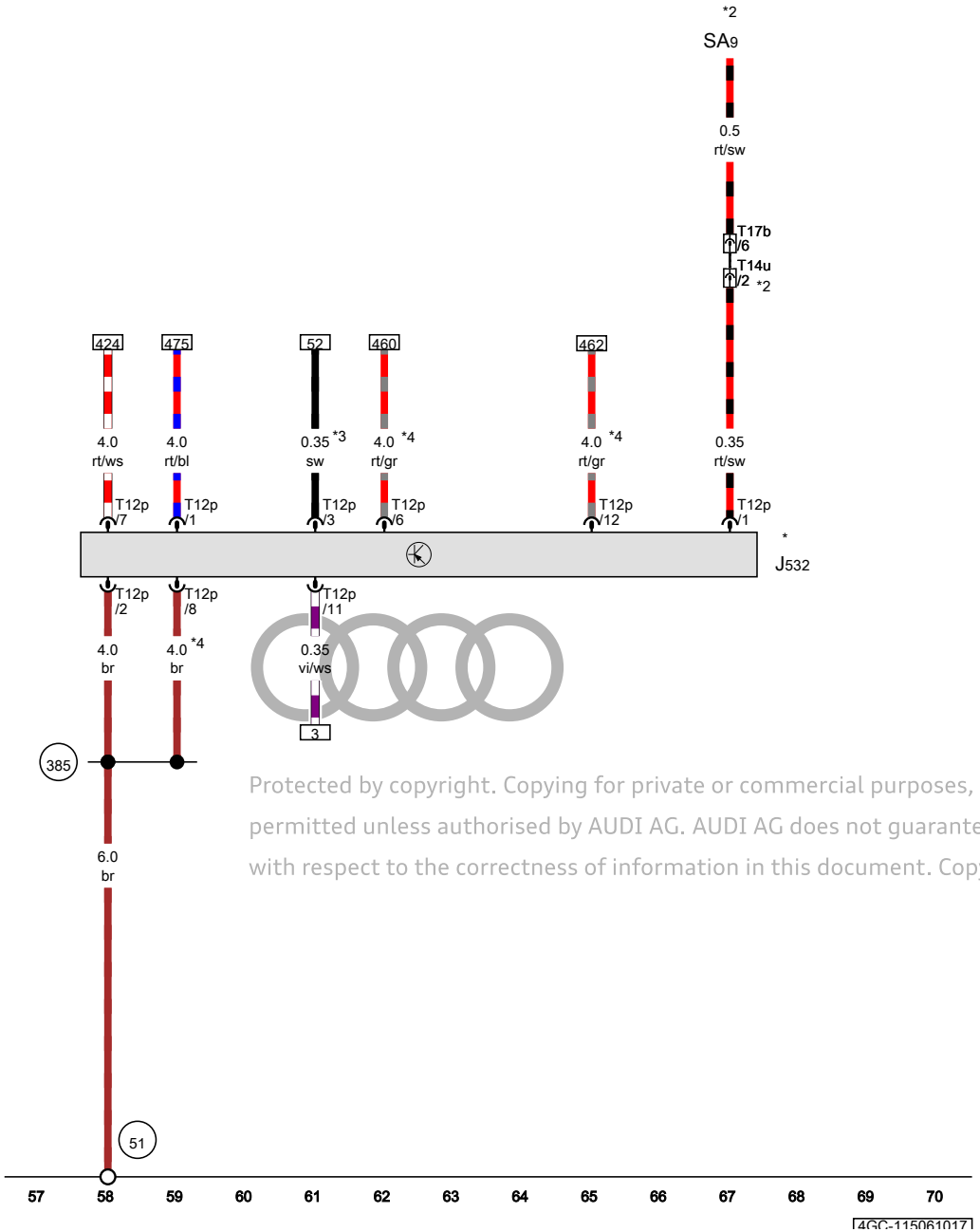
J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J681	Terminal 15 voltage supply relay 2
T32g	32-pin connector
B273	Positive connection (15), in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Cross section depends on equipment

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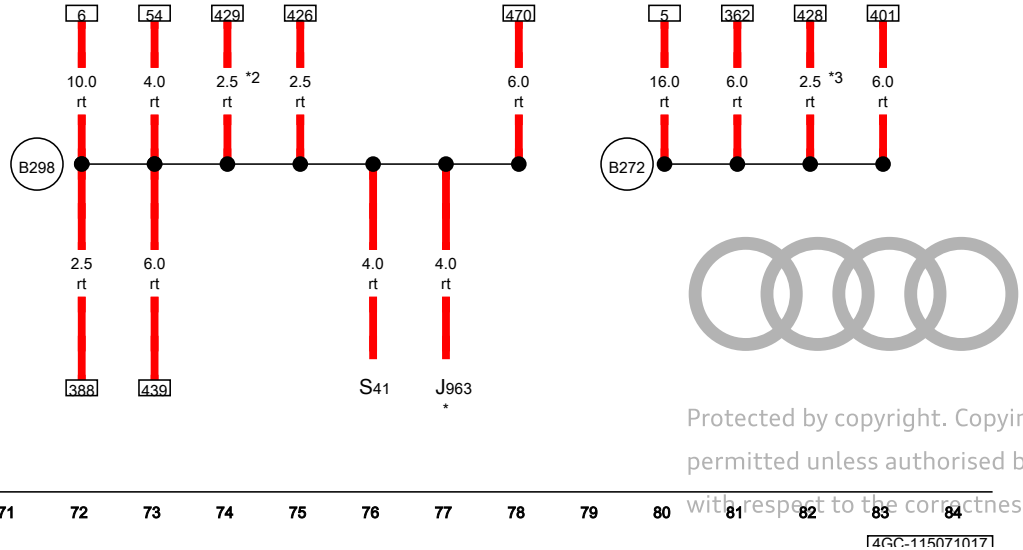
Voltage stabiliser

J532	Voltage stabiliser
SA9	Fuse 9 on fuse holder A
T12p	12-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
51	Earth point, on right in luggage compartment
385	Earth connection 20, in main wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	For models with 400 W voltage stabiliser

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Positive connection (30), in main wiring harness, Positive connection 2 (30), in main wiring harness

J963	Relay for reducing agent metering system
S41	Heated rear window single fuse
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	Avant
*3	Saloon

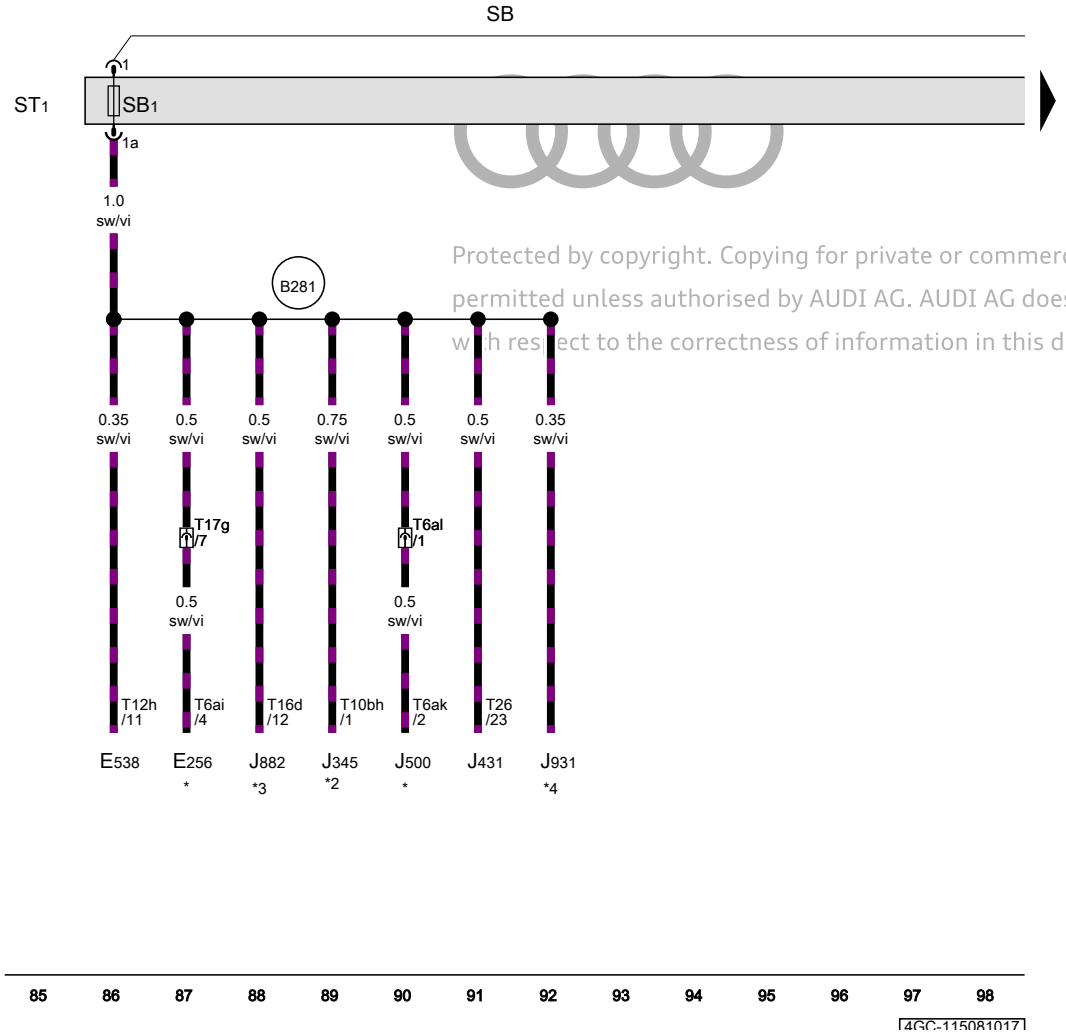


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Fuse holder B, Fuse carrier 1

E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
J345	Trailer detector control unit
J431	Headlight range control unit
J500	Power steering control unit
J882	Seat heating control unit
J931	Power unit mounting control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1, black
T6ai	6-pin connector
T6ak	6-pin connector
T6al	6-pin connector, on front left on vehicle floor
T10bh	10-pin connector
T12h	12-pin connector
T16d	16-pin connector
T17g	17-pin connector, in right A-pillar coupling station
T26	26-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with trailer socket
*3	For models with seat heating
*4	see applicable current flow diagram for engine

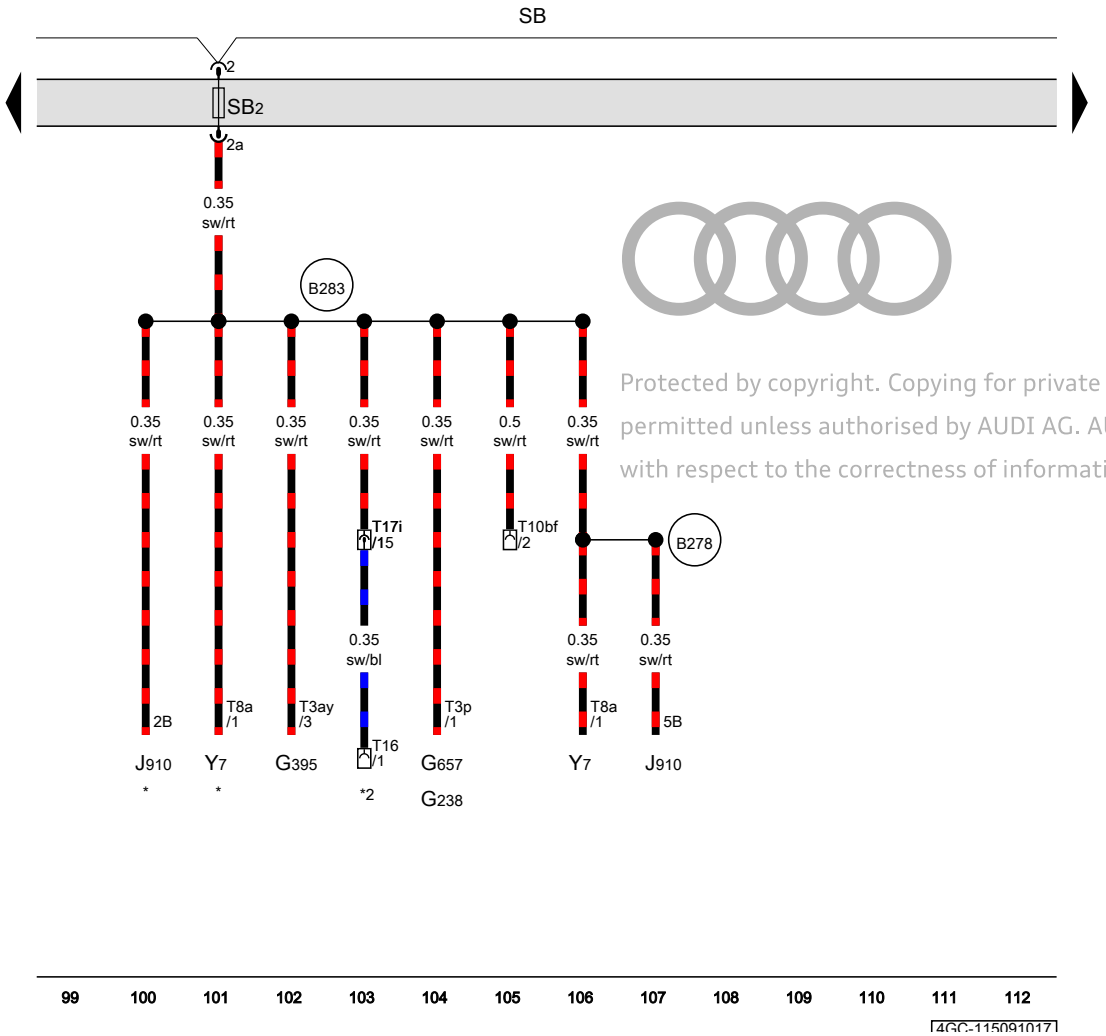


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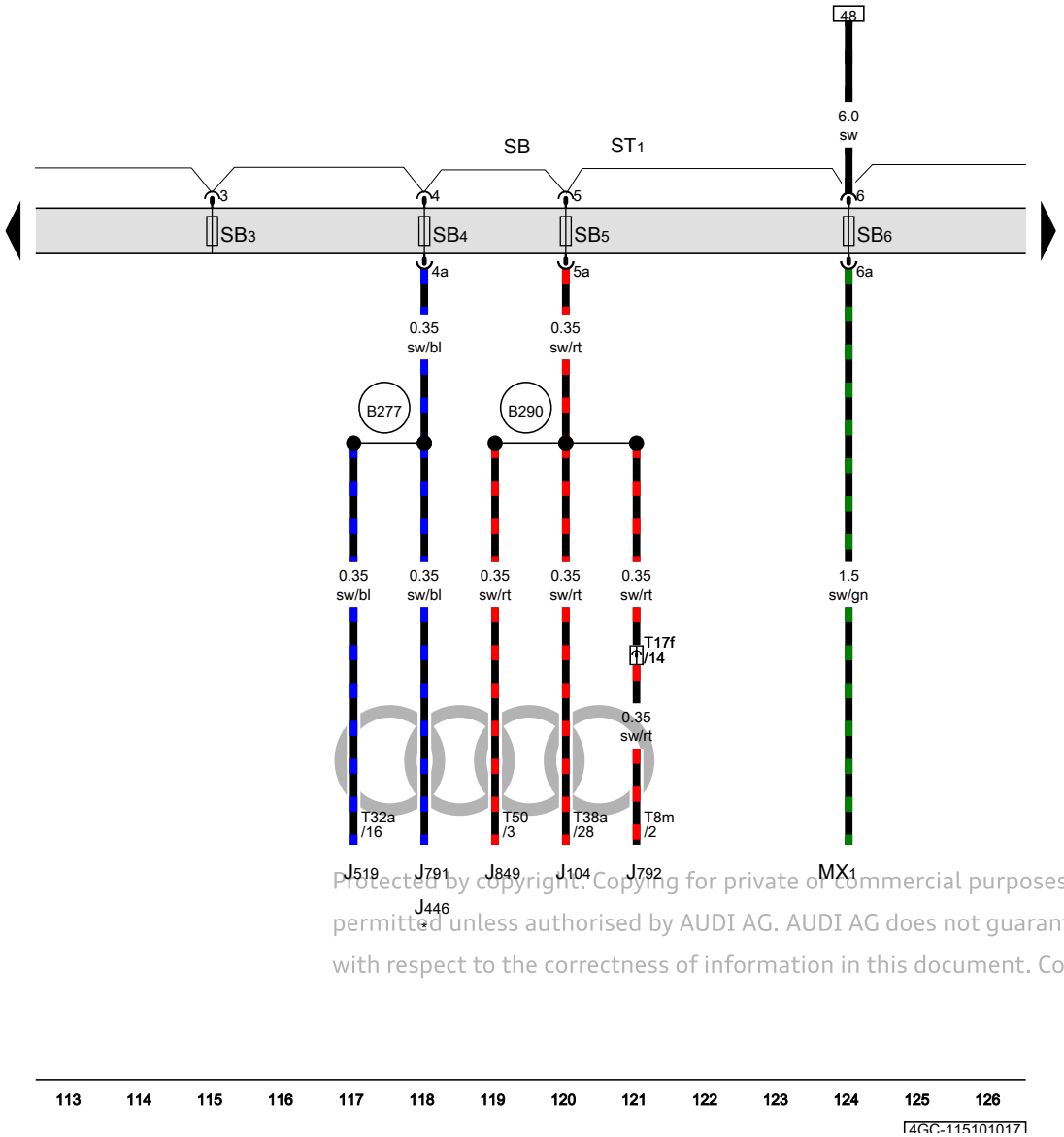
Fuse holder B

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
G657	Humidity sender in fresh air intake duct
J910	Relay for automatic anti-dazzle interior mirror
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
T3ay	3-pin connector
T3p	3-pin connector
T8a	8-pin connector
T10bf	10-pin connector, on left in dash panel, black
T16	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
Y7	Automatic anti-dazzle interior mirror
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Diagnostic connection



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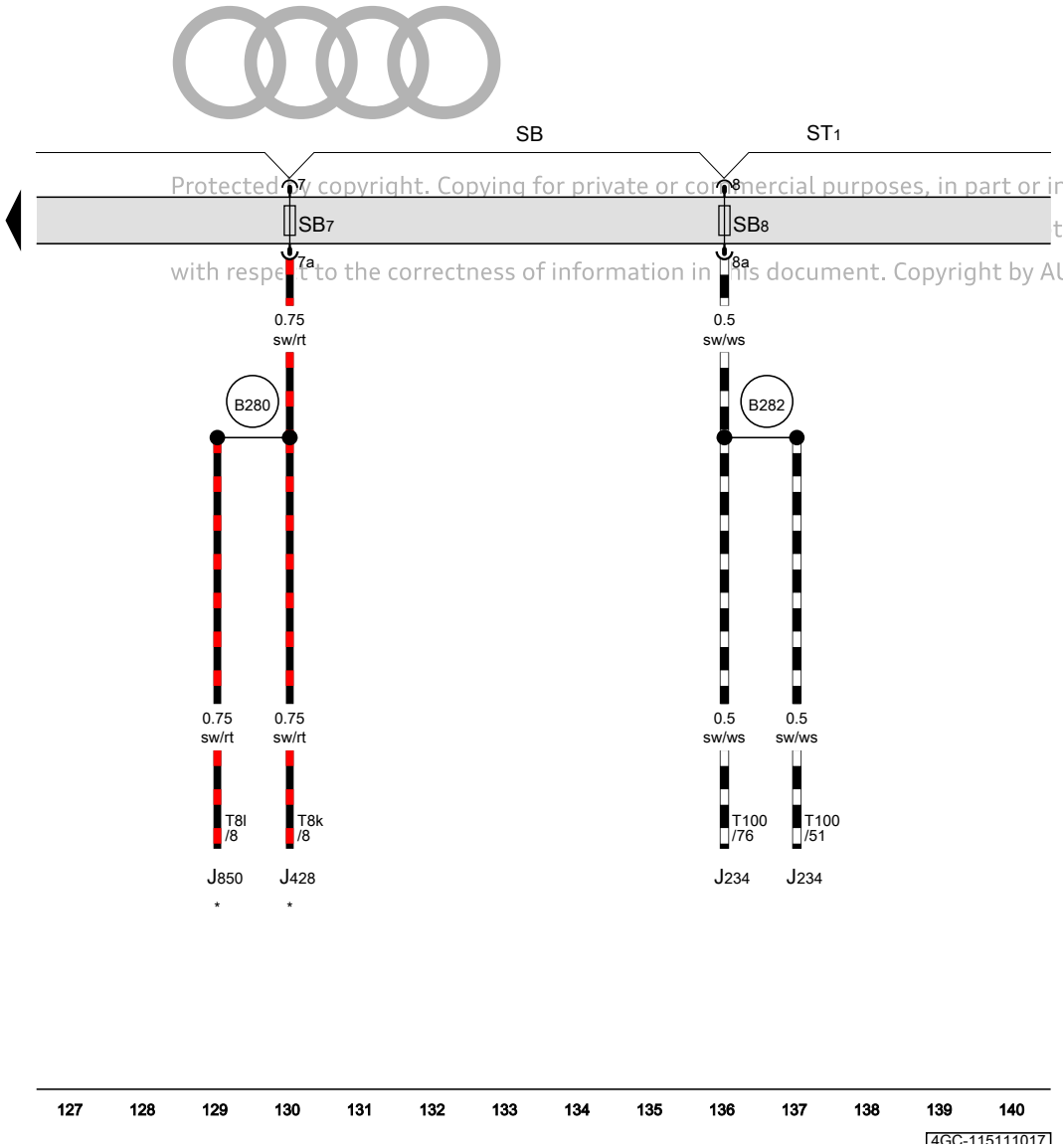


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Fuse holder B, Fuse carrier 1

J104	ABS control unit
J446	Parking aid control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
J792	Active steering control unit
J849	Control unit for sensor electronics
MX1	Front left headlight
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
T8m	8-pin connector
T17f	17-pin connector, in left A-pillar coupling station, white
T32a	32-pin connector
T38a	38-pin connector
T50	50-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B290	Positive connection 14 (15a) in main wiring harness
*	see applicable current flow diagram

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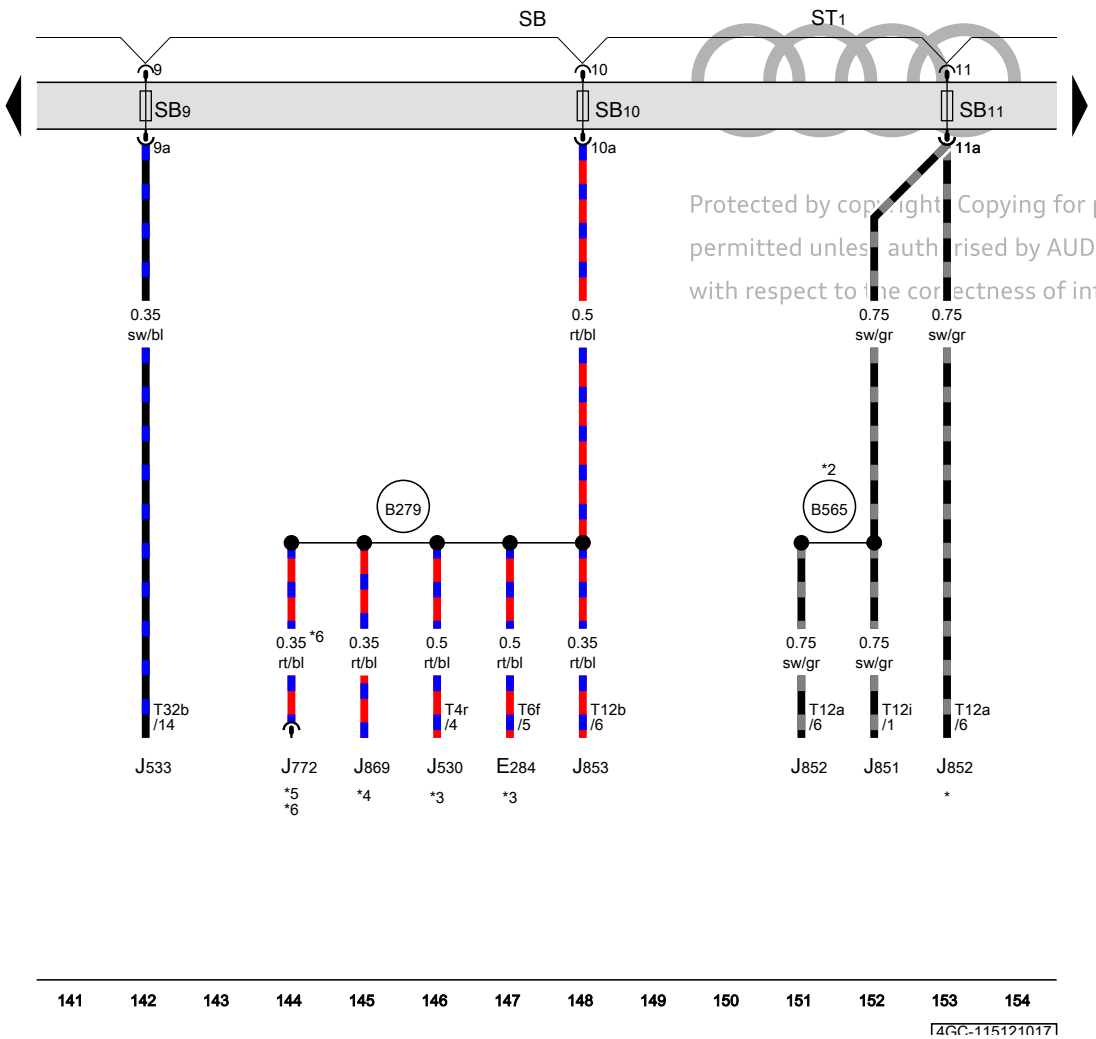


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Fuse holder B, Fuse carrier 1

J234	Airbag control unit
J428	Adaptive cruise control unit
J850	Control unit 2 for adaptive cruise control
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T8k	8-pin connector
T8l	8-pin connector
T100	100-pin connector
B280	Positive connection 4 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	For models with adaptive cruise control (ACC)

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rt	=	red
br	=	brown
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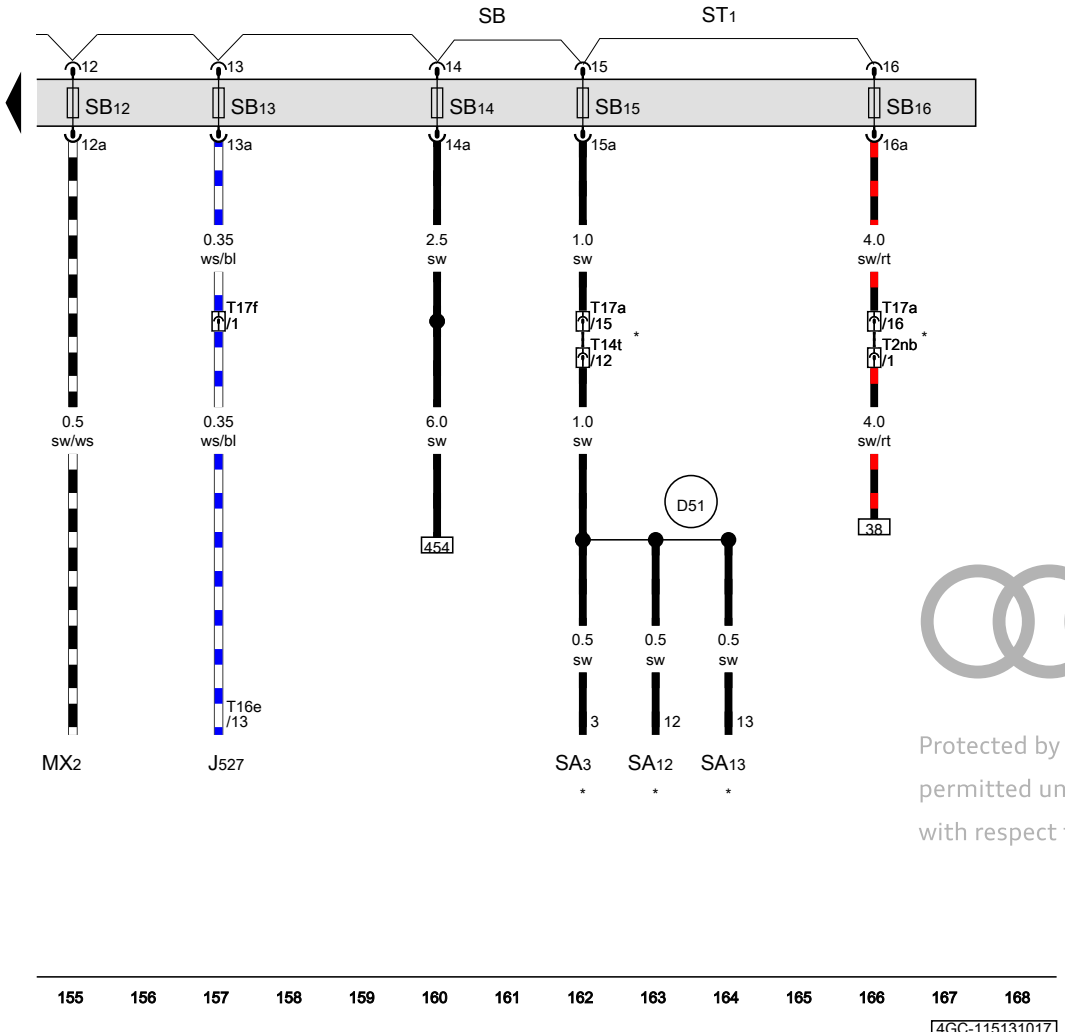


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Fuse holder B, Fuse carrier 1

E284	Garage door operating unit
J530	Garage door operation control unit
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
J851	Image processing control unit
J852	Camera control unit
J853	Control unit for night vision system
J869	Control unit for structure-borne sound
SB	Fuse holder B
ST1	Fuse carrier 1, black
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T4r	4-pin connector
T6f	6-pin connector
T12a	12-pin connector
T12b	12-pin connector
T12i	12-pin connector
T32b	32-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	Optional equipment
*2	For models with adaptive cruise control (ACC)
*3	For models with garage door opener
*4	see applicable current flow diagram for engine
*5	For models with reversing camera system
*6	From April 2015

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rt	=	red
br	=	brown
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rs	=	pink



Fuse carrier 1, Fuse holder B

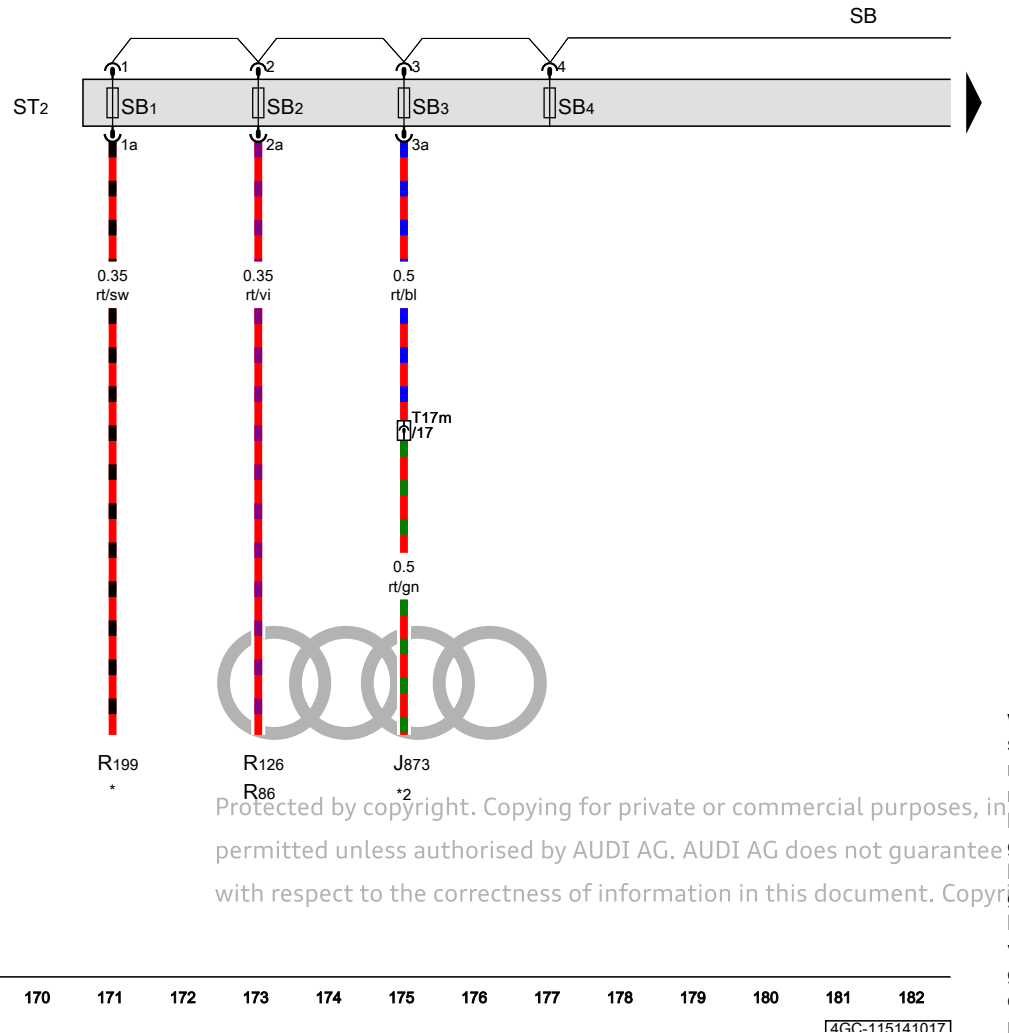
J527	Steering column electronics control unit
MX2	Front right headlight
ST1	Fuse carrier 1, black
SA3	Fuse 3 on fuse holder A
SB	Fuse holder B
SB12	Fuse 12 on fuse holder B
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16e	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber
T17f	17-pin connector, in left A-pillar coupling station, white
D51	Positive connection 1 (15), in engine compartment wiring harness
*	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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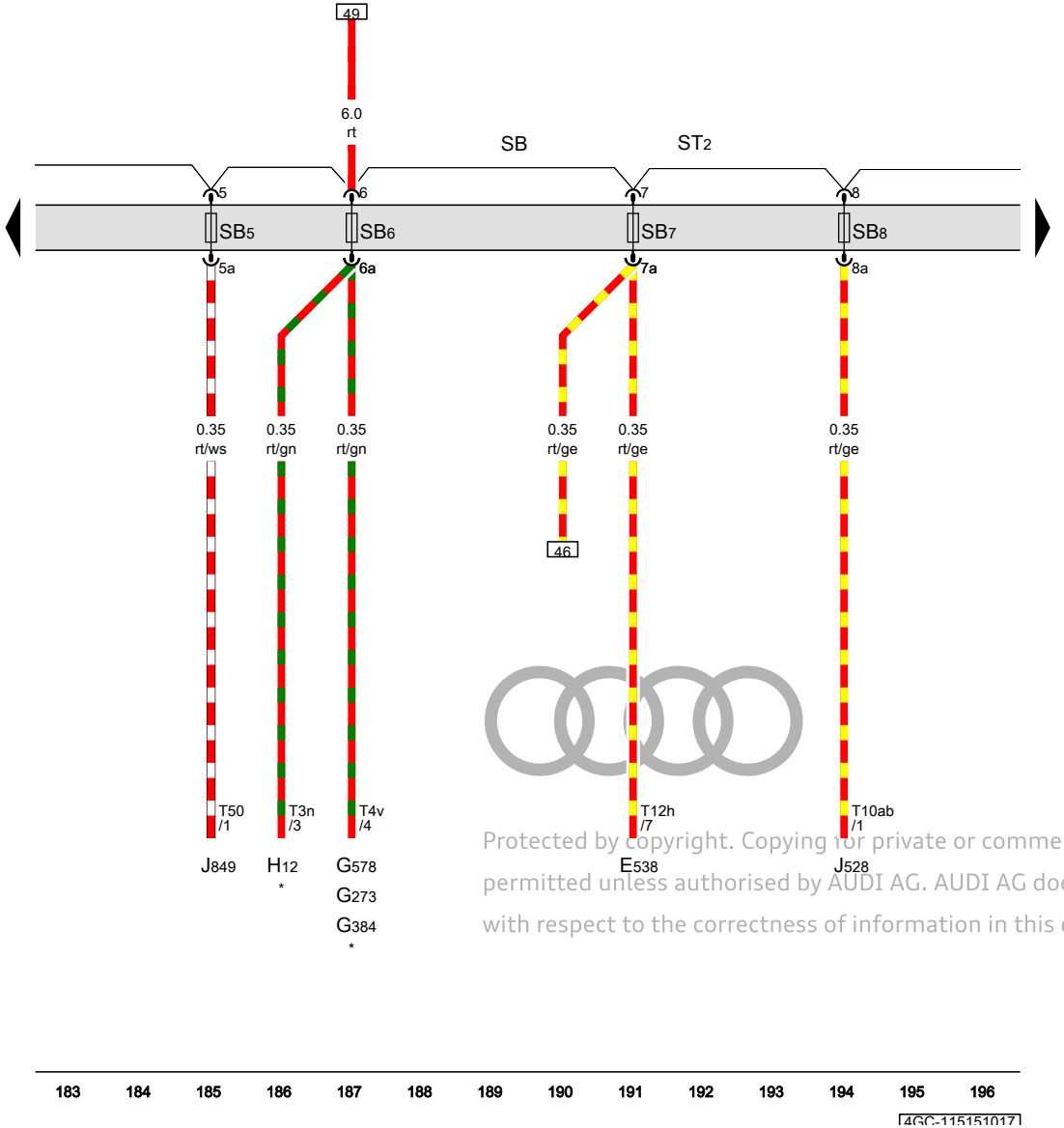
Fuse holder B, Fuse carrier 2

J873	Control unit for driver multicontour seat
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R199	Connection for external audio sources
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST2	Fuse carrier 2, brown
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T17m	17-pin connector, in coupling point for front seat, left, red
*	see applicable current flow diagram for multimedia system
*2	see applicable current flow diagram for seat adjustment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Fuse holder B, Fuse carrier 2

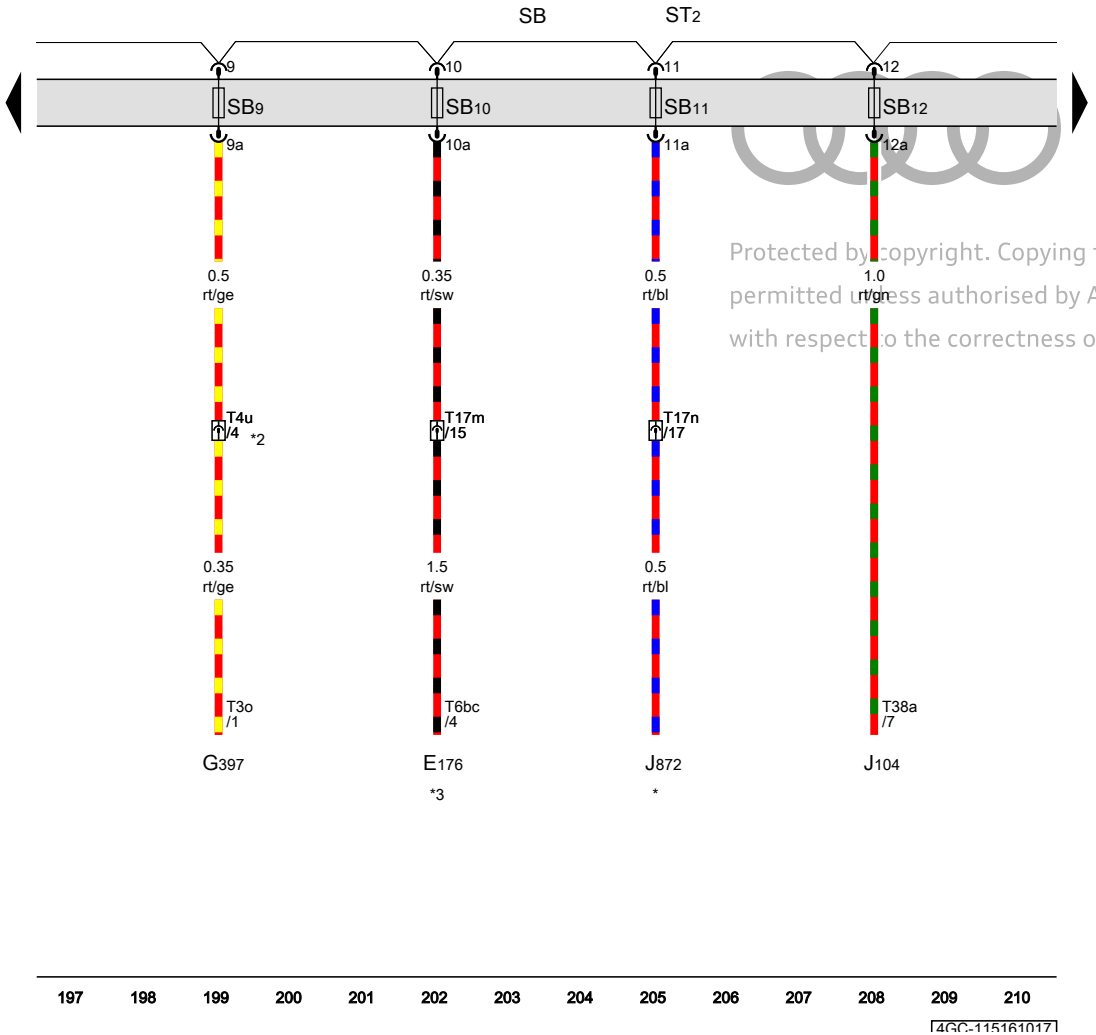
E538	Electromechanical parking brake button
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J528	Roof electronics control unit
J849	Control unit for sensor electronics
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T3n	3-pin connector
T4v	4-pin connector
T10ab	10-pin connector
T12h	12-pin connector
T50	50-pin connector
*	see applicable current flow diagram for convenience system

ws	=	white
sw	=	black
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rt	=	red
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gn	=	green
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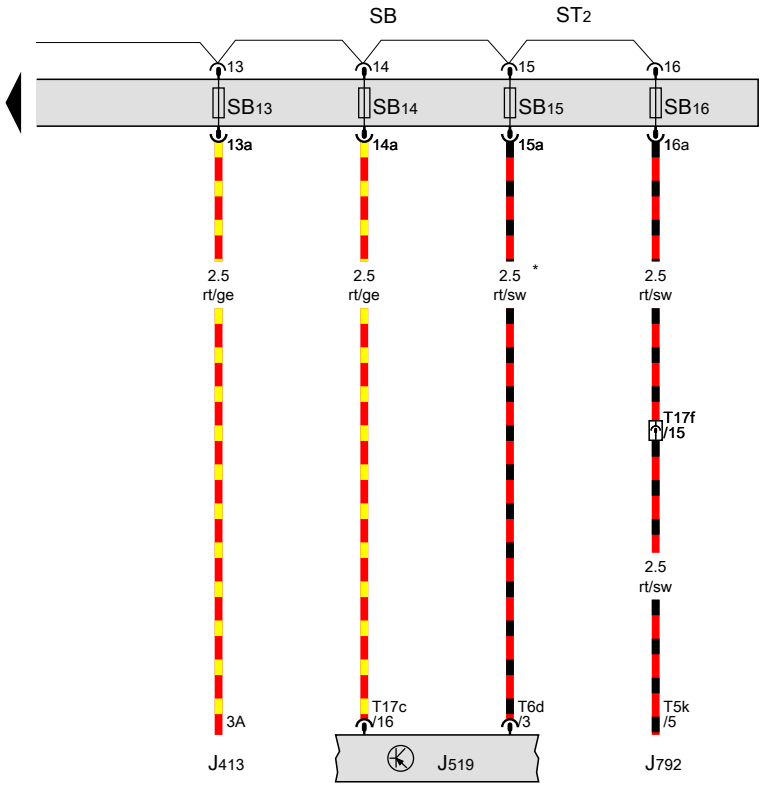
Fuse holder B, Fuse carrier 2

E176	Driver seat lumbar support adjustment switch
G397	Rain and light sensor
J104	ABS control unit
J872	Control unit for front passenger multicontour seat
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T3o	3-pin connector
T4u	4-pin connector, on roof module, black
T6bc	6-pin connector
T17m	17-pin connector, in coupling point for front seat, left, red
T17n	17-pin connector, in coupling point for front seat, right, red
T38a	38-pin connector
*	see applicable current flow diagram for seat adjustment
*2	According to equipment
*3	For models with no adjustable seats



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gn	=	green
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or	=	orange
rs	=	pink



Fuse holder B, Fuse carrier 2

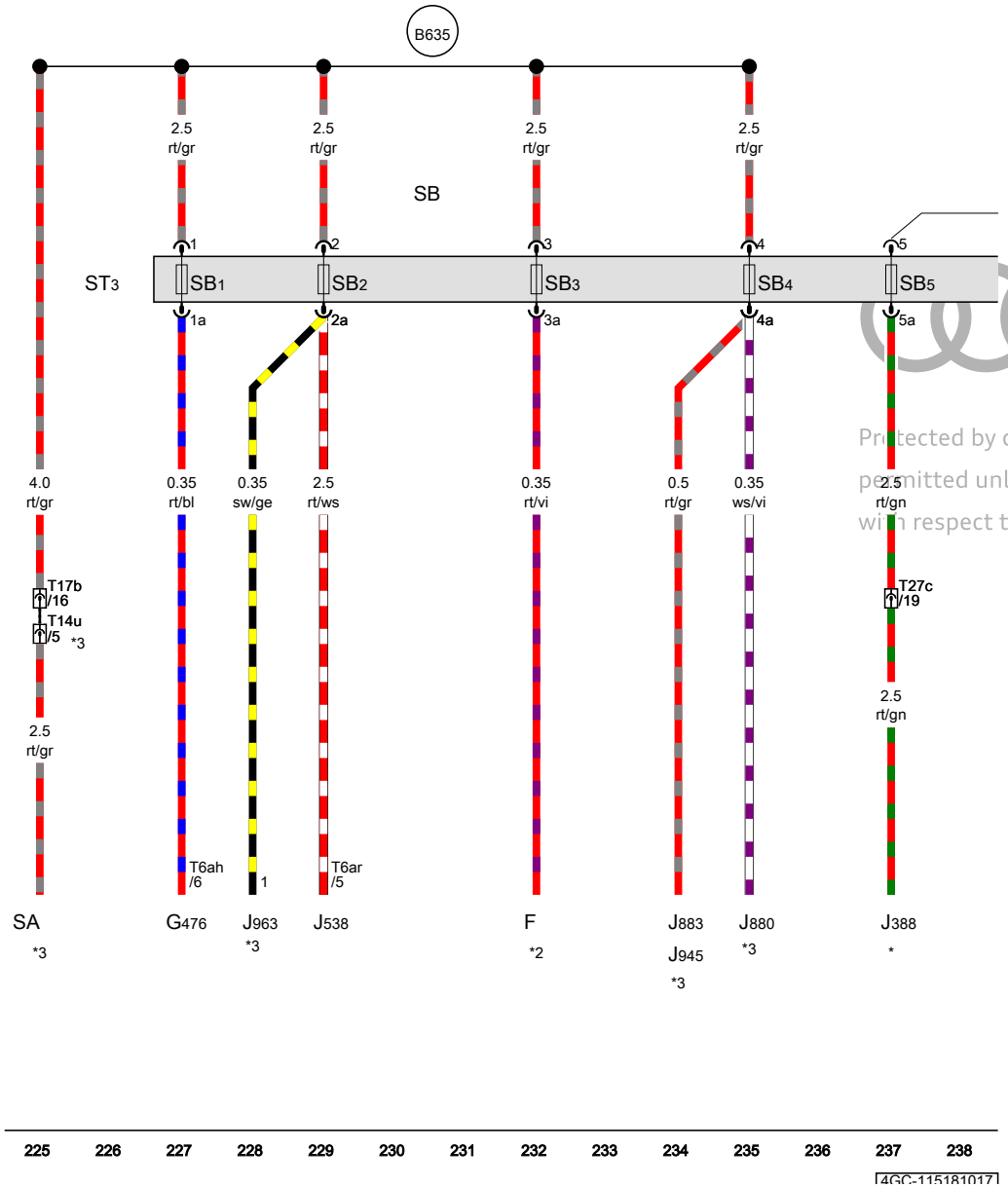
J413	Horn relay
J519	Onboard supply control unit
J792	Active steering control unit
SB	Fuse holder B
ST2	Fuse carrier 2, brown
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T5k	5-pin connector
T6d	6-pin connector
T17c	17-pin connector
T17f	17-pin connector, in left A-pillar coupling station, white
*	For models with seat heating

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211	212	213	214	215	216	217	218	219	220	221	222	223	224

[4GC-1151171017]

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sw	=	black
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rs	=	pink

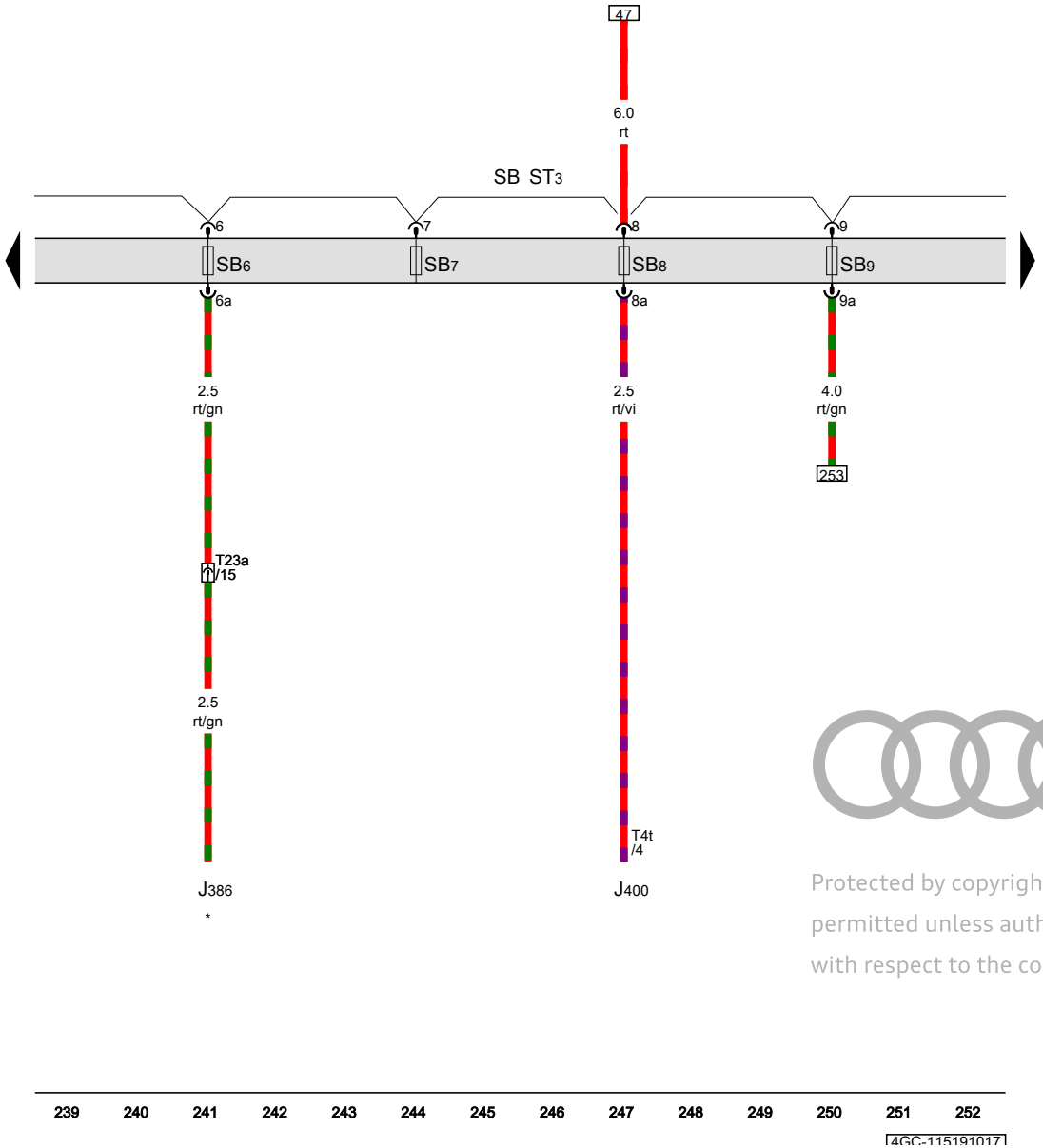


Fuse holder B, Fuse carrier 3

F	Brake light switch
G476	Clutch position sender
J388	Rear left door control unit
J538	Fuel pump control unit
J880	Control unit for reducing agent metering system
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
J963	Relay for reducing agent metering system
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3, red
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T6ah	6-pin connector
T6ar	6-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber
T27c	27-pin connector, on left B-pillar
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for engine

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ge	=	yellow
or	=	orange
rs	=	pink



Fuse holder B, Fuse carrier 3

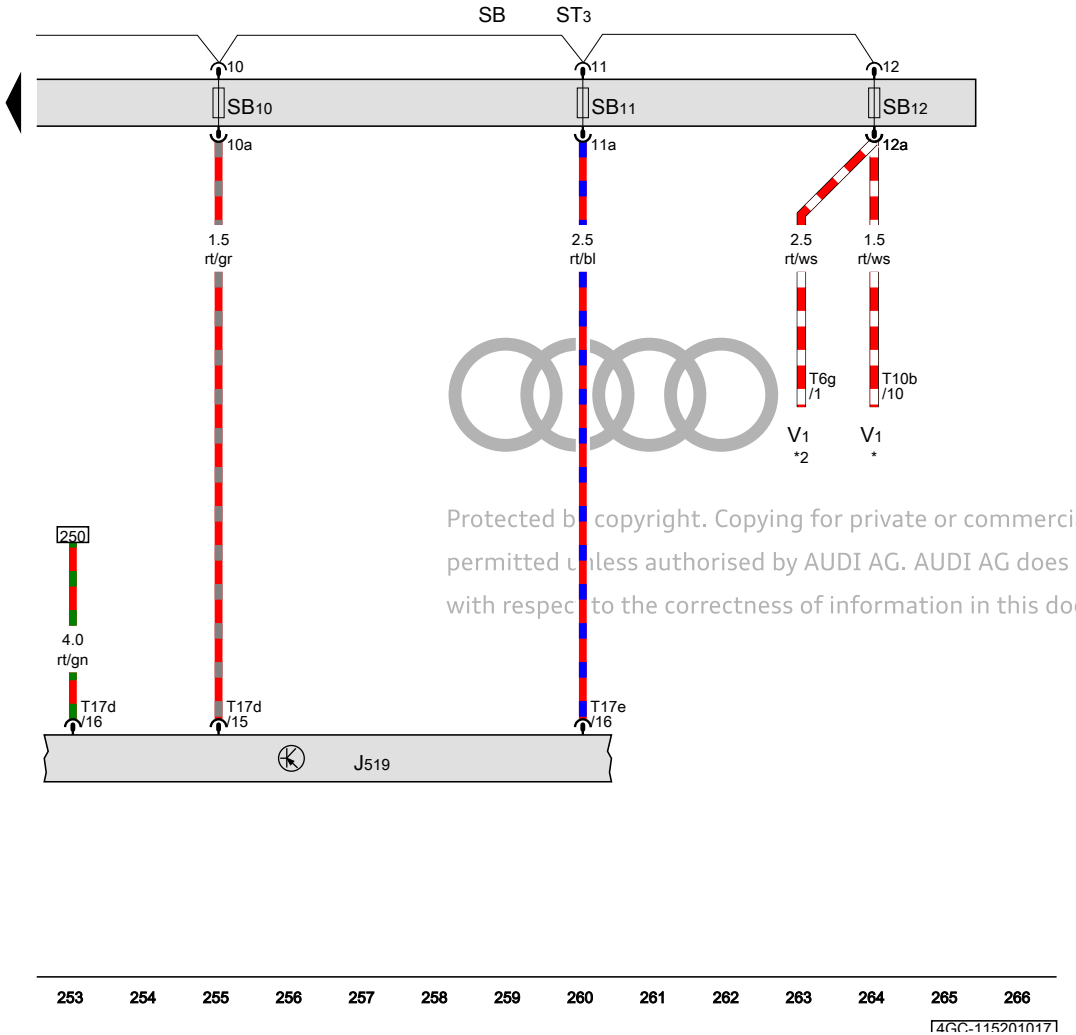
J386	Driver door control unit
J400	Wiper motor control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T4t	4-pin connector
T23a	23-pin connector, on left A-pillar, black
*	see applicable current flow diagram for convenience system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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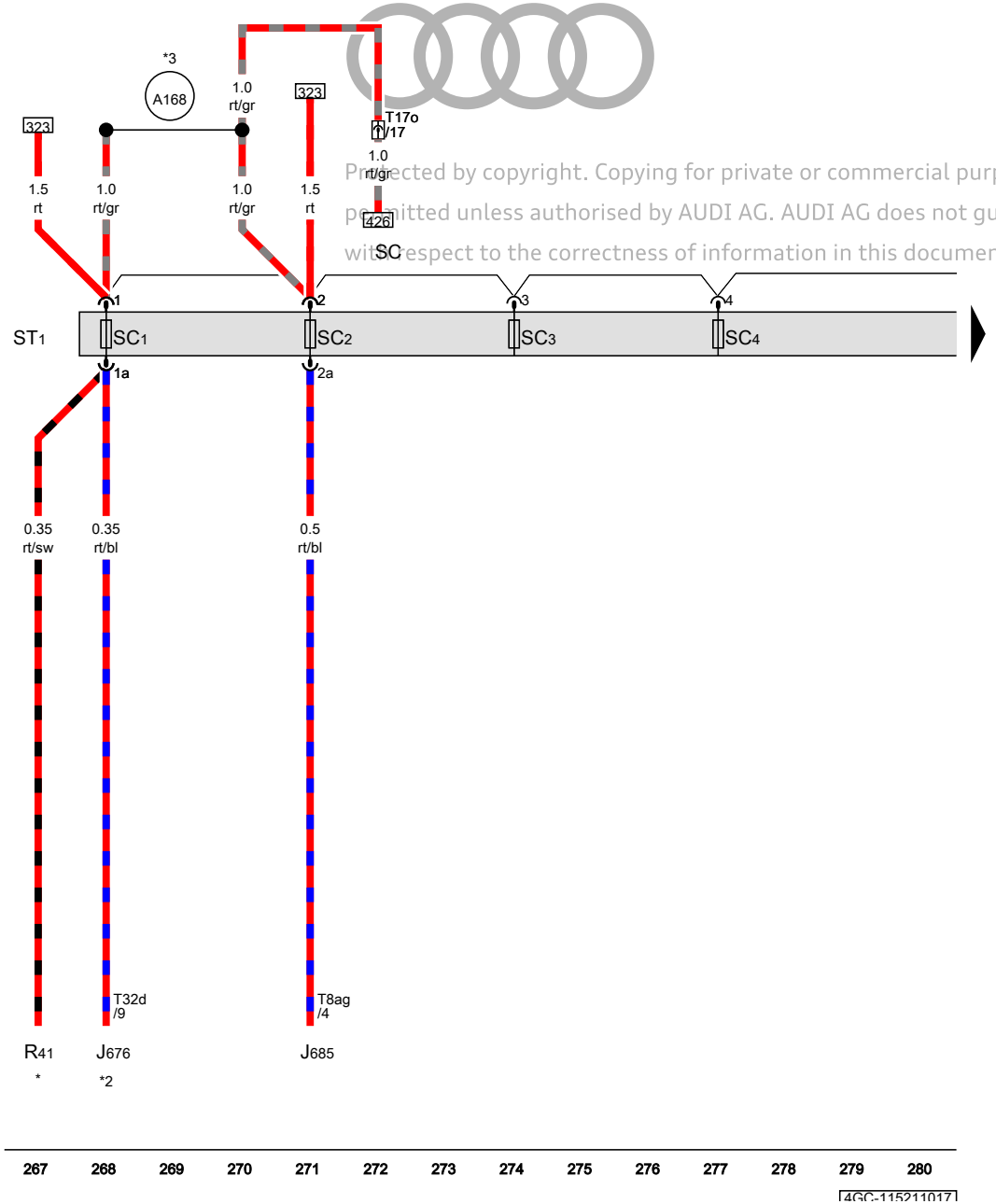
Fuse holder B, Fuse carrier 3

J519	Onboard supply control unit
SB	Fuse holder B
ST3	Fuse carrier 3, red
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T6g	6-pin connector
T10b	10-pin connector
T17d	17-pin connector
T17e	17-pin connector
V1	Sliding sunroof motor
*	Saloon
*2	Avant



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or	=	orange
rs	=	pink



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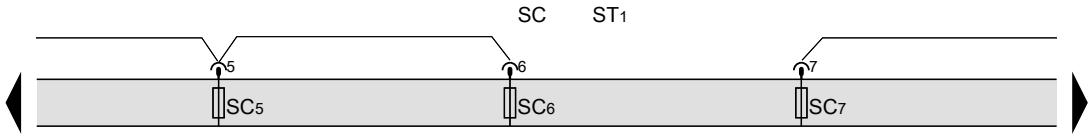
Fuse holder C, Fuse carrier 1

J676	Chip card reader control unit
J685	Display unit for front information display and operating unit control unit
R41	CD changer
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1, black
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
T8ag	8-pin connector
T17o	17-pin connector, in right A-pillar coupling station, black
T32d	32-pin connector
A168	Positive connection 4 (30a) in dash panel wiring harness
*	For models with RMC radio system
*2	For models with equipment for Japan
*3	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuse holder C, Fuse carrier 1

SC	Fuse holder C
ST1	Fuse carrier 1, black
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C



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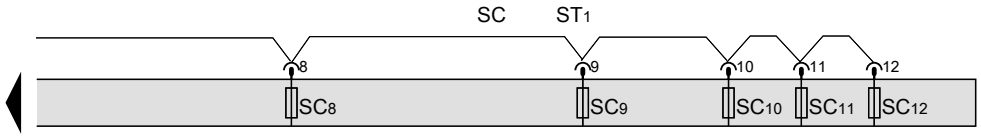
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[4GC-1152210171]

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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Fuse holder C, Fuse carrier 1

SC	Fuse holder C
ST1	Fuse carrier 1, black
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C



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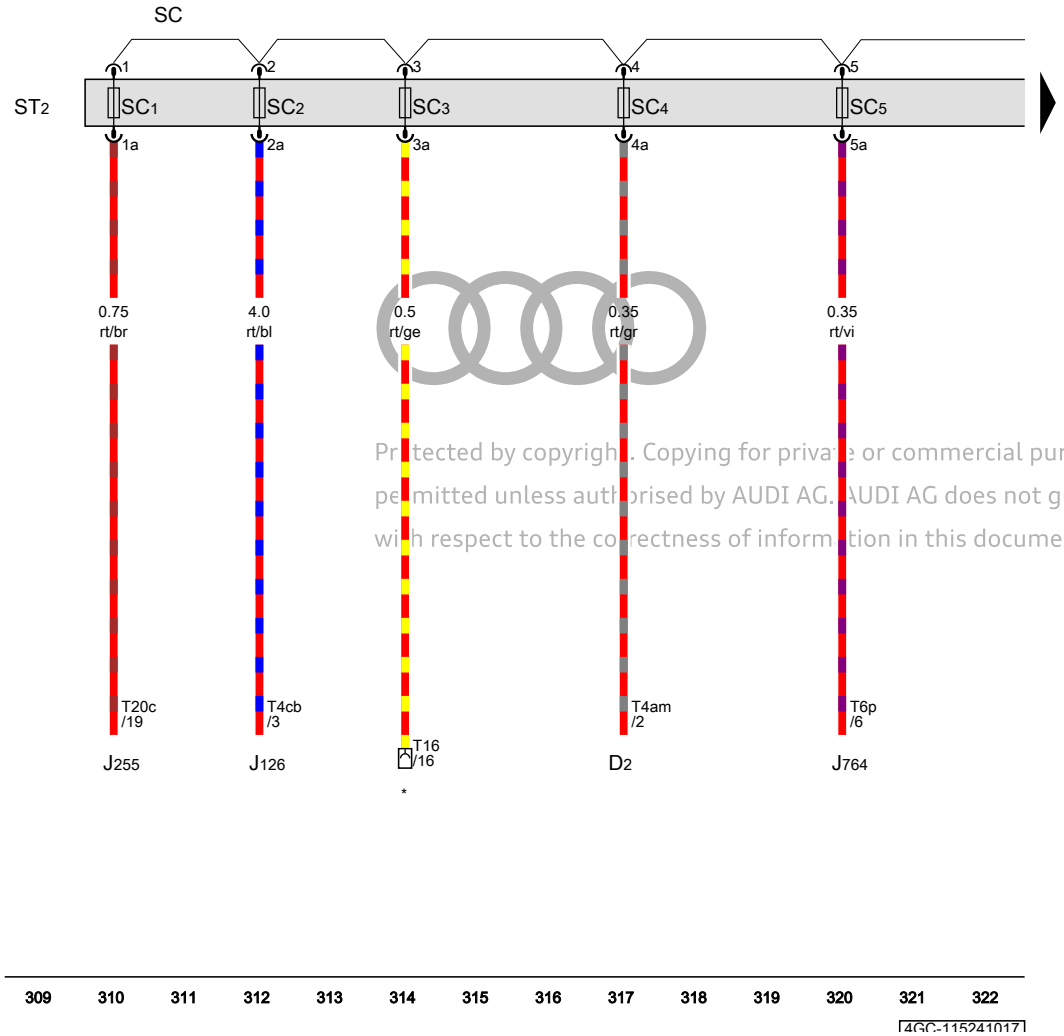
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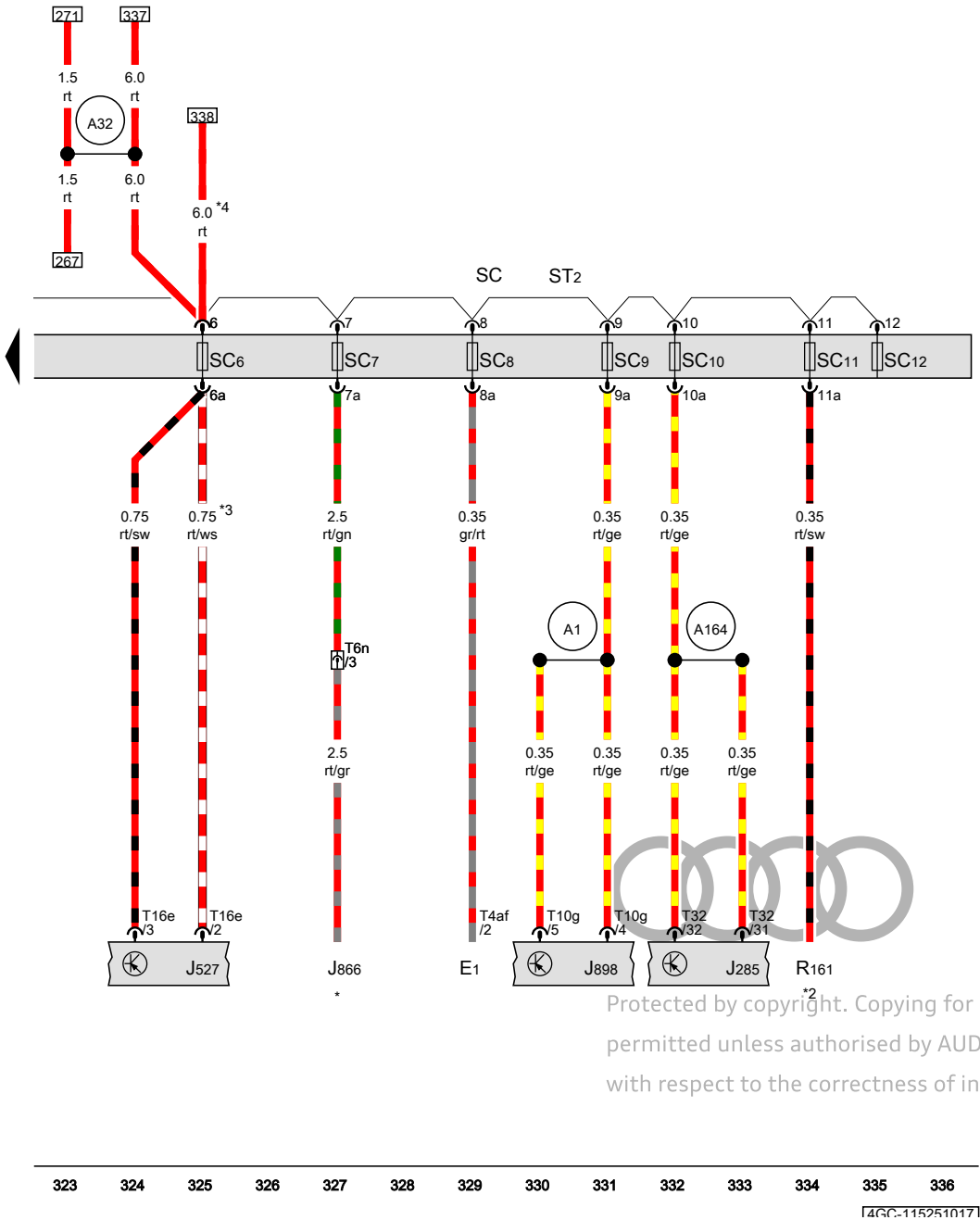
Fuse holder C, Fuse carrier 2

D2	Immobiliser reader coil
J126	Fresh air blower control unit
J255	Climatronic control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C, Fuse carrier on left of dash panel
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2, brown
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T4am	4-pin connector
T4cb	4-pin connector
T6p	6-pin connector
T16	16-pin connector
T20c	20-pin connector
*	Diagnostic connection



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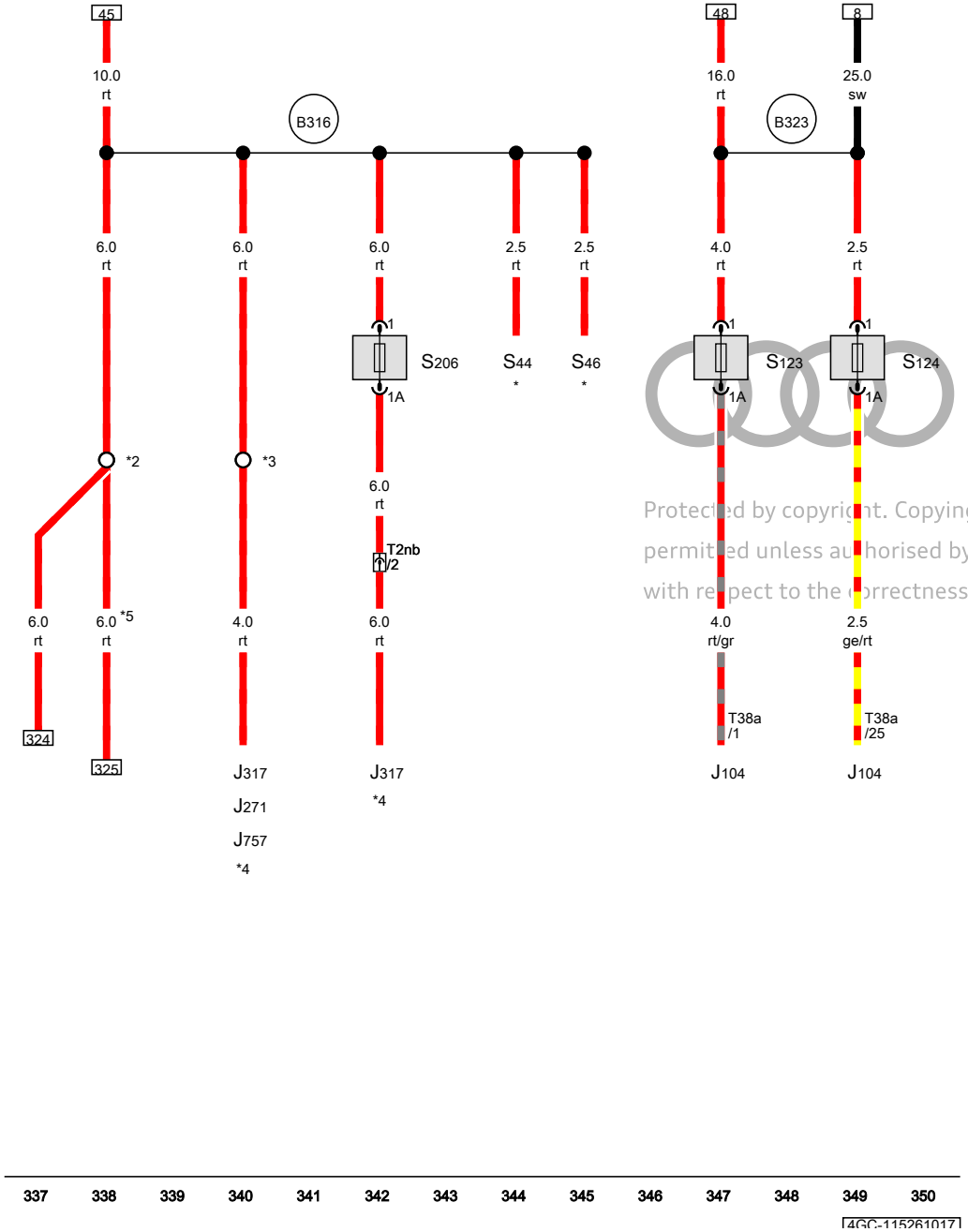


Fuse holder C, Fuse carrier 2

E1	Light switch
J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J866	Control unit for electrically adjustable steering column
J898	Control unit for Head-up Display
R161	DVD changer
SC	Fuse holder C, Fuse carrier on left of dash panel
ST2	Fuse carrier 2, brown
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T4af	4-pin connector
T6n	6-pin connector, behind steering column trim
T10g	10-pin connector
T16e	16-pin connector
T32	32-pin connector
A1	Positive connection (30a), in dash panel wiring harness
A32	Positive connection (30), in dash panel wiring harness
A164	Positive connection 2 (30a) in dash panel wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for multimedia system
*3	For models with heated steering wheel
*4	For models with start/stop system

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Positive connection 2 (30a) in main wiring harness

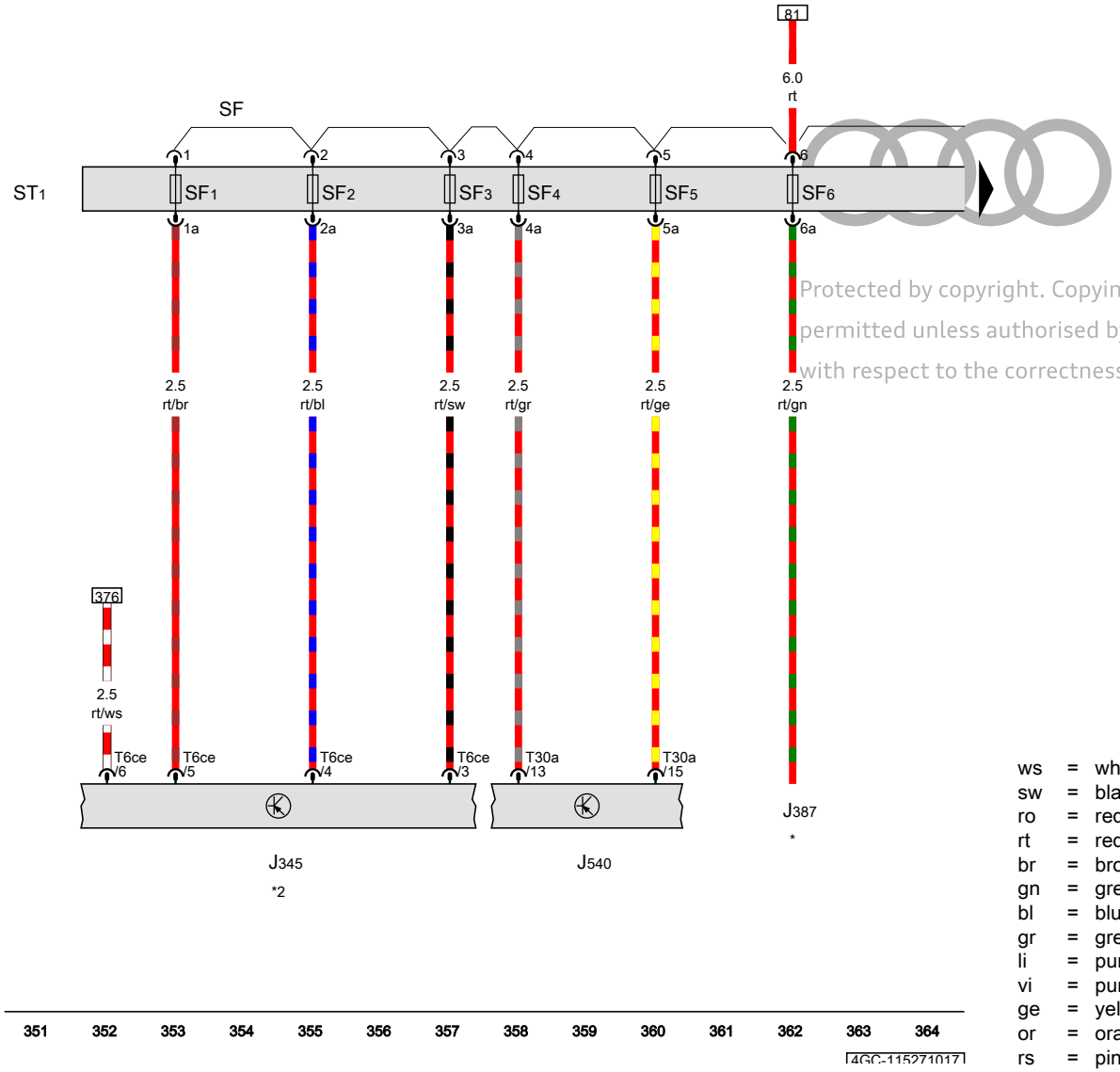
J104	ABS control unit
J271	Main relay
J317	Terminal 30 voltage supply relay
J757	Engine component current supply relay
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S206	Fuse 3 (30)
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
T38a	38-pin connector
B316	Positive connection 2 (30a) in main wiring harness
B323	Positive connection 9 (30a) in main wiring harness
*	see applicable current flow diagram for seat adjustment
*2	Relay carrier on left under dash panel
*3	Threaded connection, in E-box in plenum chamber
*4	see applicable current flow diagram for engine
*5	For models with start/stop system

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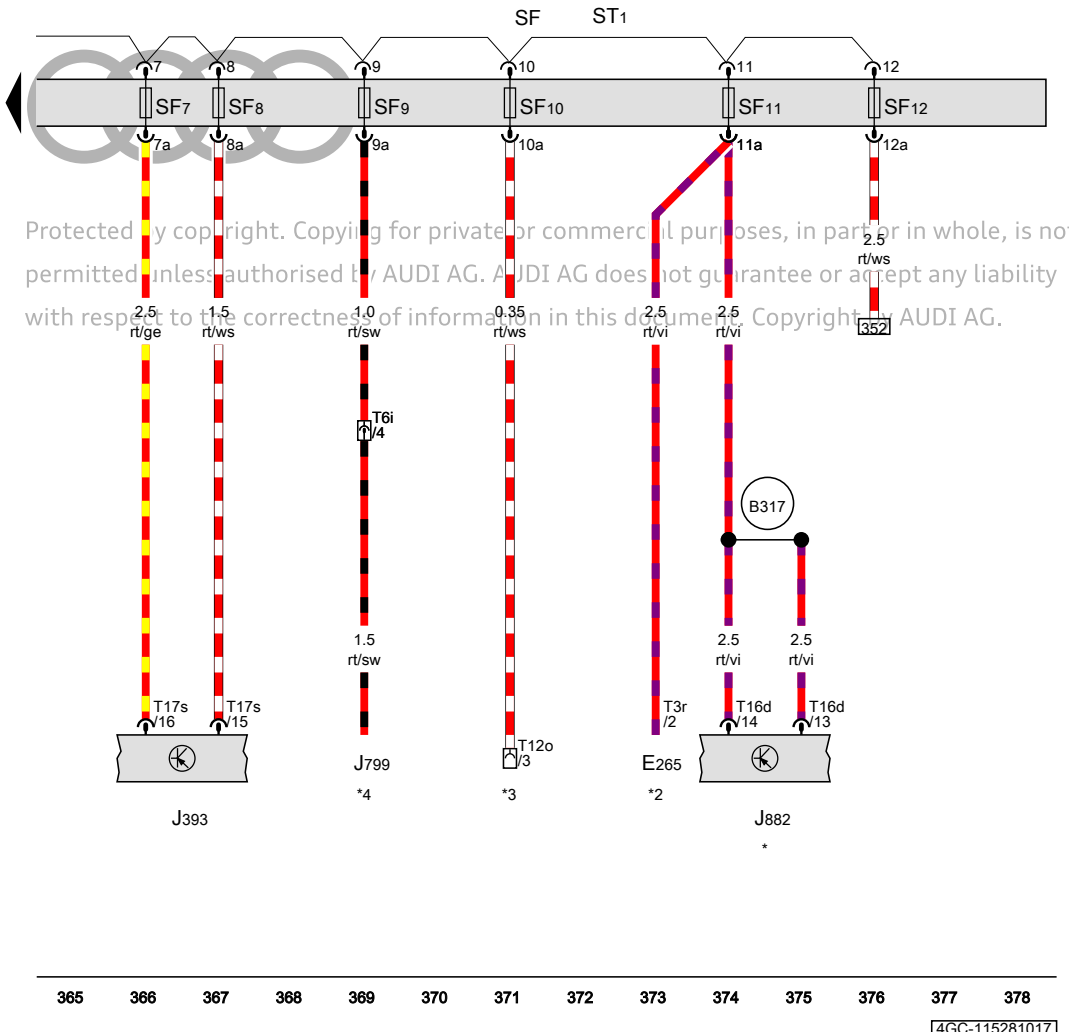
Fuse holder F, Fuse carrier 1

J345	Trailer detector control unit
J387	Front passenger door control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T6ce	6-pin connector
T30a	30-pin connector
*	see applicable current flow diagram for convenience system
*2	For models with trailer socket



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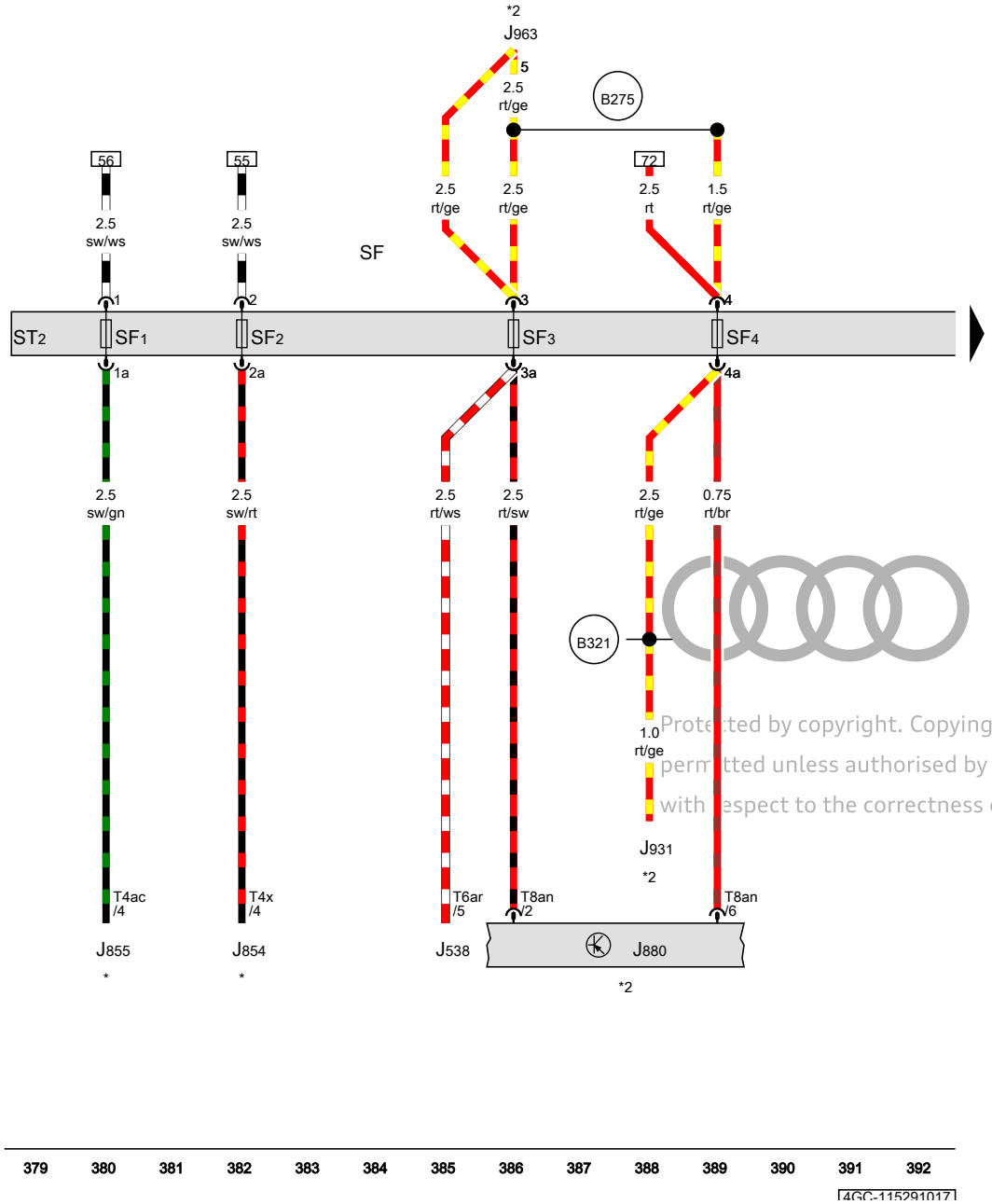


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Fuse holder F, Fuse carrier 1

E265	Operating and display unit for rear air conditioning system
J393	Convenience system central control unit
J799	Control unit for front right seat ventilation
J882	Seat heating control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST1	Fuse carrier 1, black
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T3r	3-pin connector
T6i	6-pin connector, in coupling point for front seat, right
T12o	12-pin connector, on right in luggage compartment
T16d	16-pin connector
T17s	17-pin connector
B317	Positive connection 3 (30a) in main wiring harness
*	Automatic air conditioning system, basic Climatronic
*2	Automatic air conditioning system, luxury Climatronic
*3	For models with interface for special functions
*4	For models with seat ventilation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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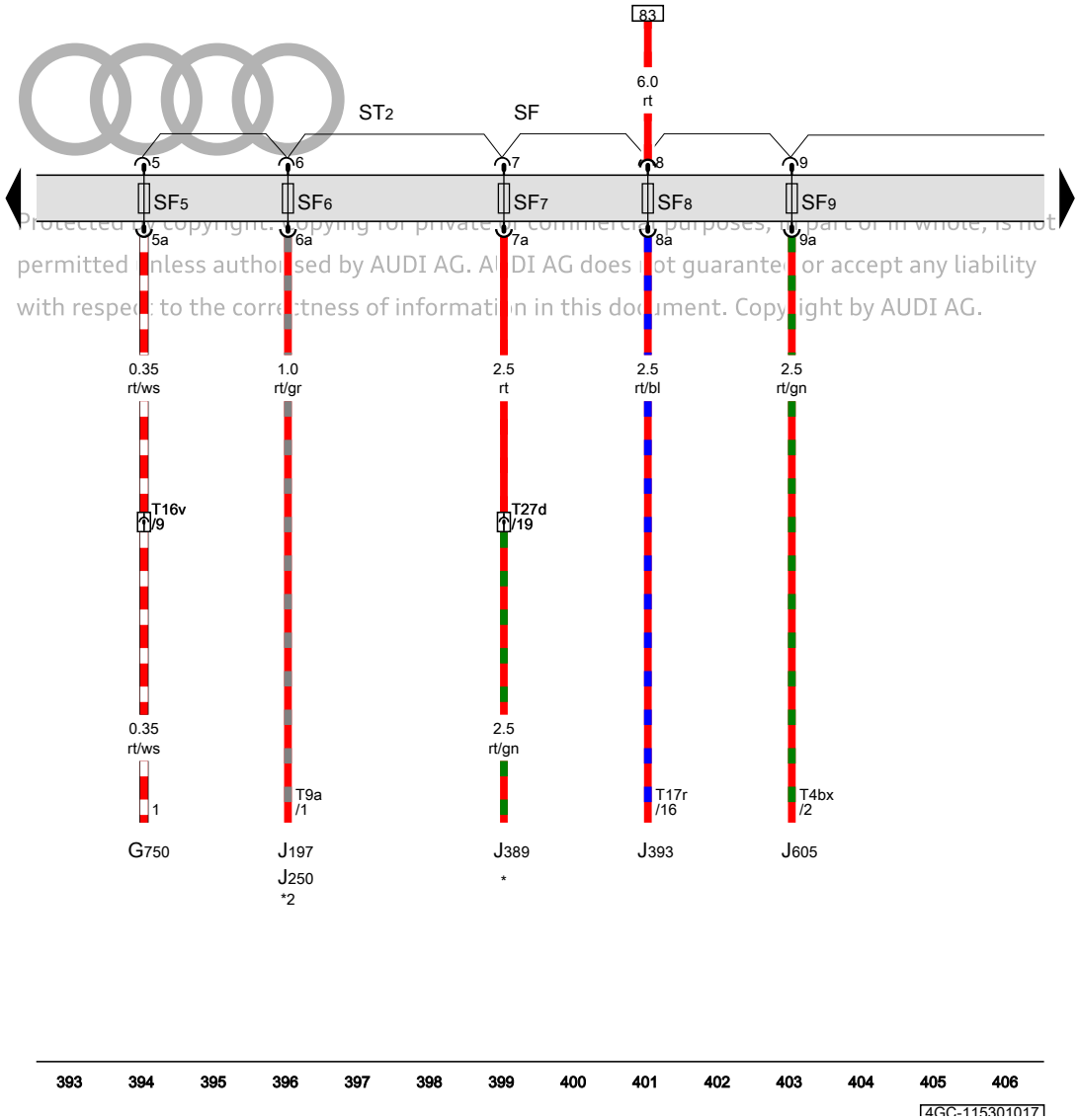


Fuse holder F, Fuse carrier 2

J538	Fuel pump control unit
J854	Control unit for front left belt tensioner
J855	Control unit for front right belt tensioner
J880	Control unit for reducing agent metering system
J931	Power unit mounting control unit
J963	Relay for reducing agent metering system
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2, red
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T4ac	4-pin connector
T4x	4-pin connector
T6ar	6-pin connector
T8an	8-pin connector
B275	Positive connection (87), in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for airbag
*2	see applicable current flow diagram for engine

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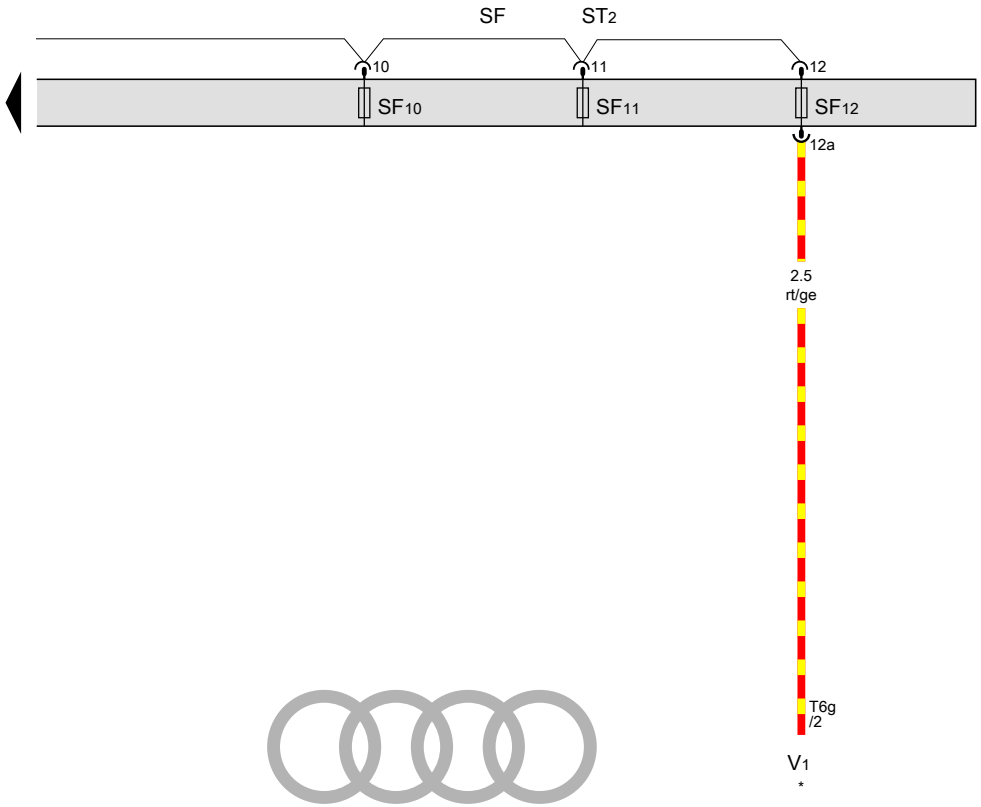
Fuse holder F, Fuse carrier 2

G750	Rear lid power opening sender
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J389	Rear right door control unit
J393	Convenience system central control unit
J605	Rear lid control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
T4bx	4-pin connector
T9a	9-pin connector
T16v	16-pin connector, in luggage compartment, rear right, brown
T17r	17-pin connector
T27d	27-pin connector, on right B-pillar
*	see applicable current flow diagram for convenience system
*2	According to equipment

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Fuse holder F, Fuse carrier 2

SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST2	Fuse carrier 2, red
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T6g	6-pin connector
V1	Sliding sunroof motor
*	Avant

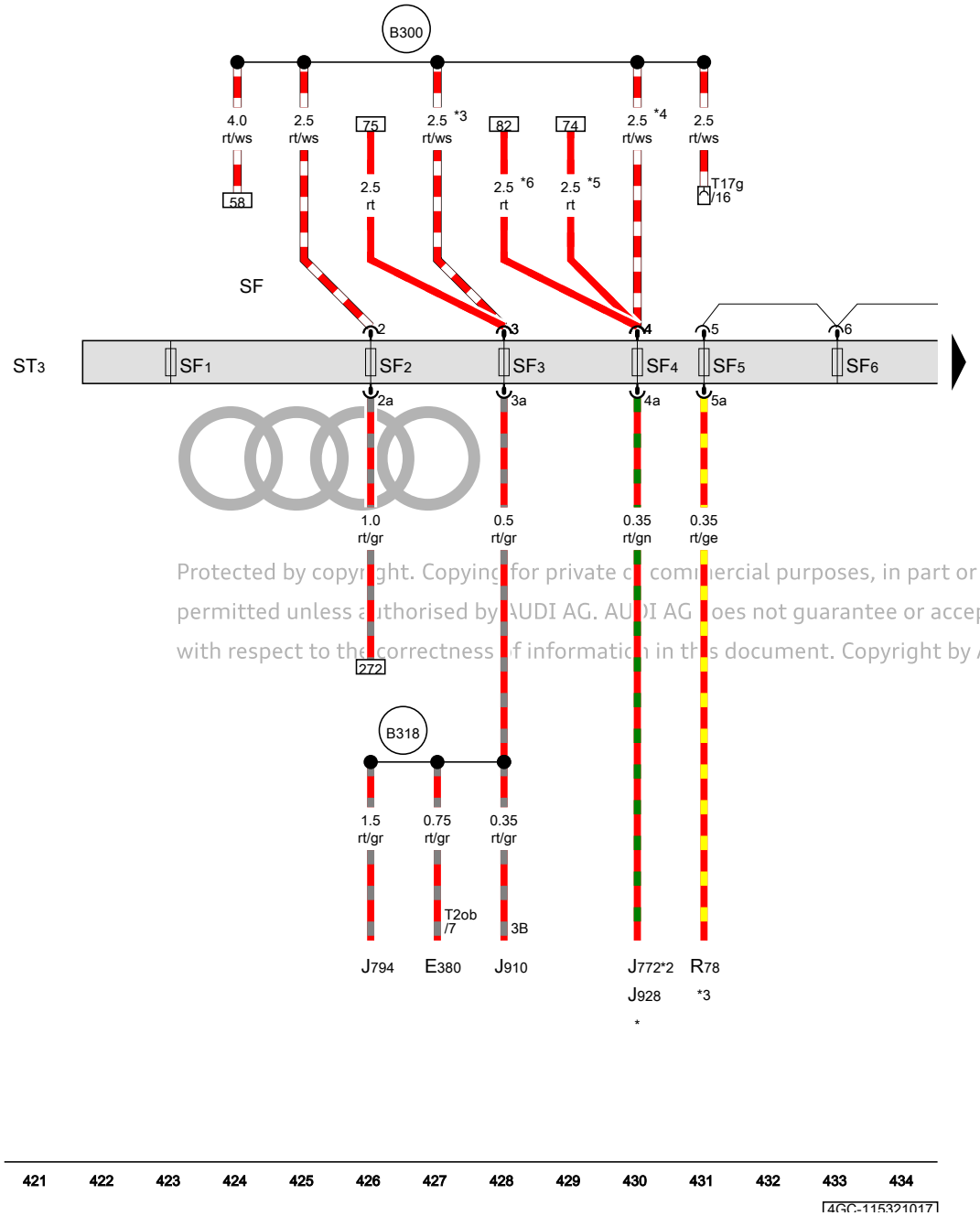


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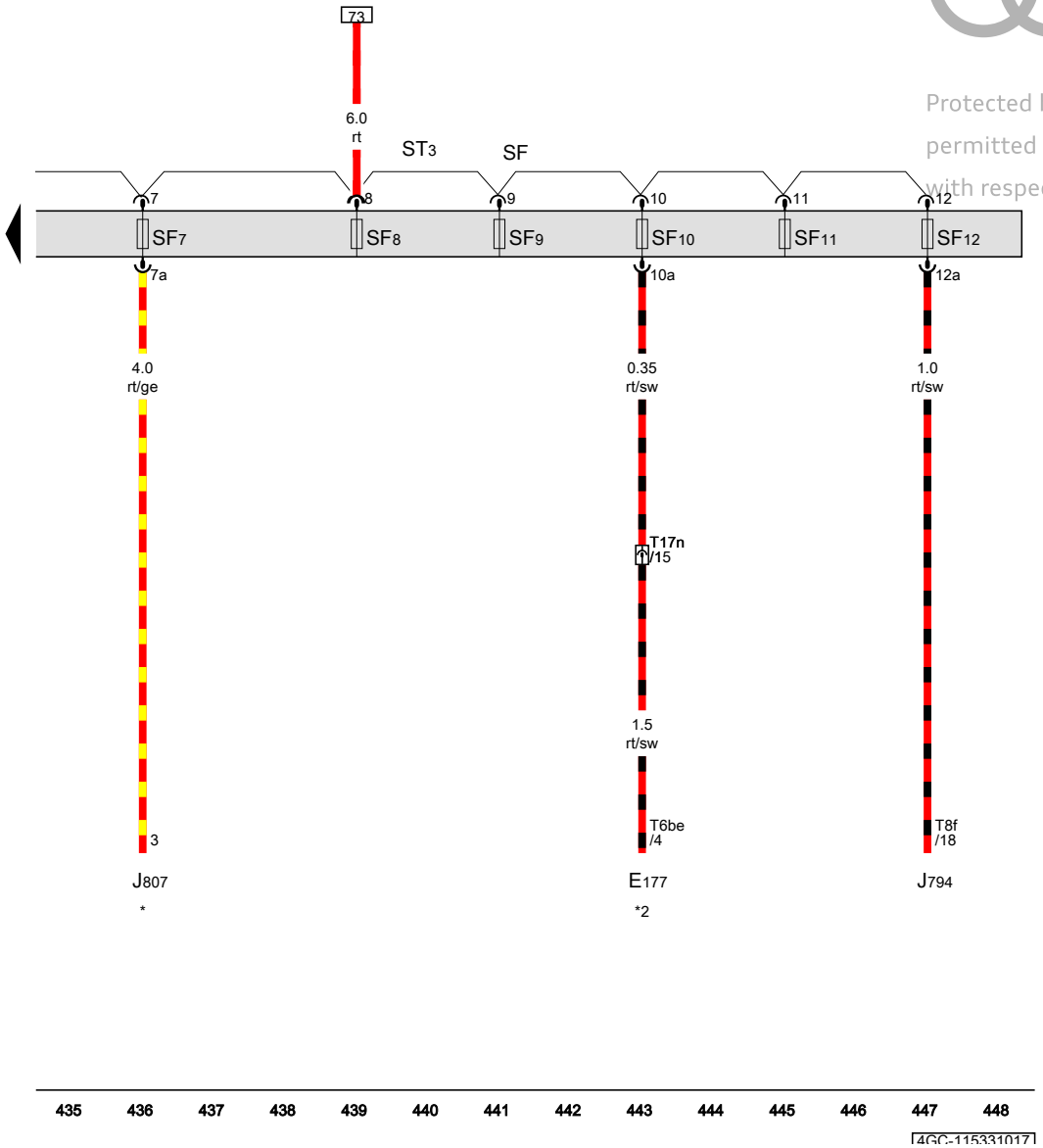


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Fuse holder F, Fuse carrier 3

E380	Multimedia system operating unit
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
J910	Relay for automatic anti-dazzle interior mirror
J928	Control unit for overhead view camera
R78	TV tuner
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3, brown
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T2ob	2-pin connector
T17g	17-pin connector, in right A-pillar coupling station
B300	Positive connection 4 (30), in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	According to equipment
*2	Up to April 2015
*3	For models with TV tuner
*4	For models with start/stop system
*5	Avant
*6	Saloon

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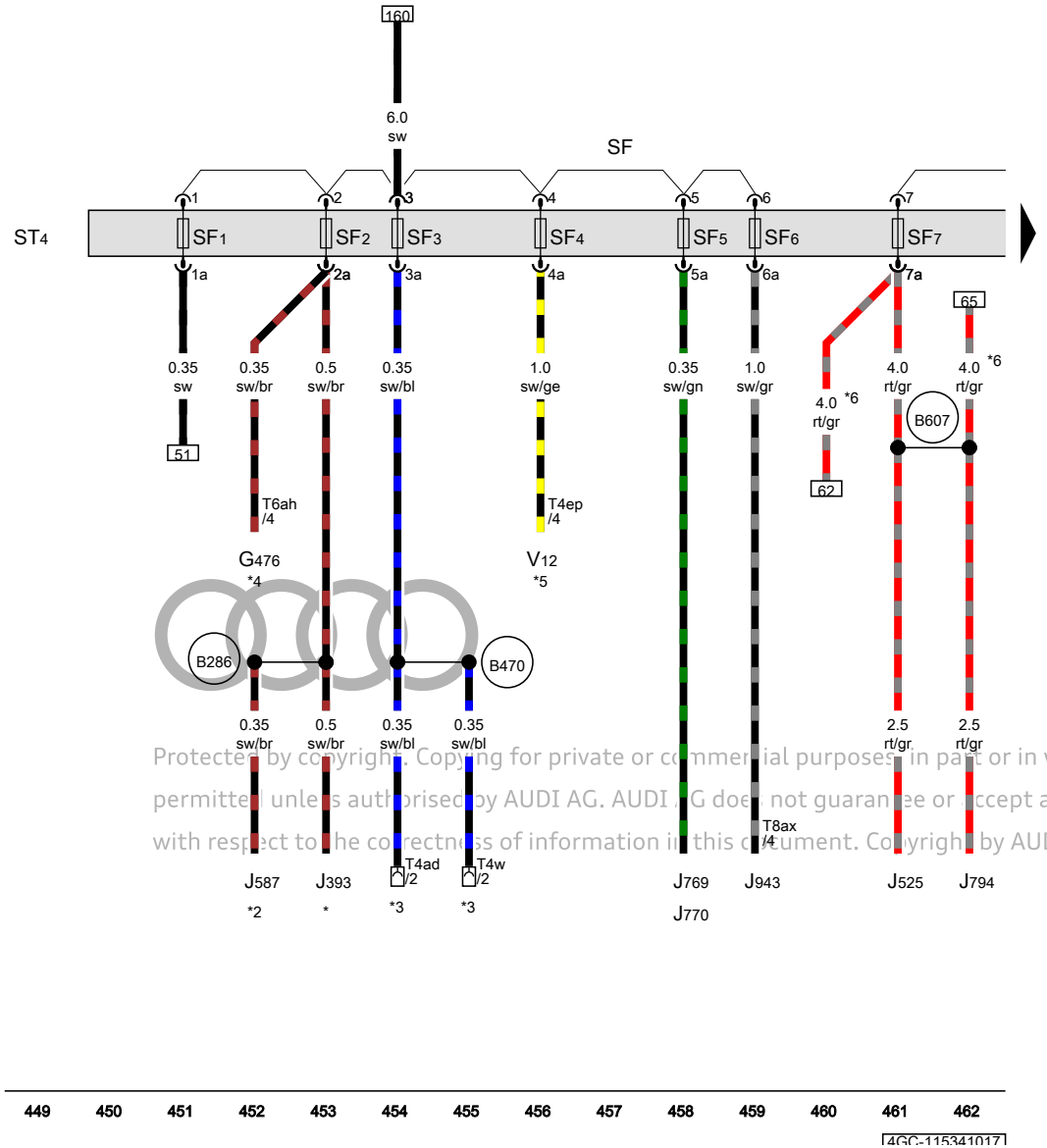


Fuse holder F, Fuse carrier 3

E177	Front passenger seat lumbar support adjustment switch
J794	Control unit 1 for information electronics
J807	Relay for power sockets
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST3	Fuse carrier 3, brown
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T6be	6-pin connector
T8f	8-pin connector
T17n	17-pin connector, in coupling point for front seat, right, red
*	see applicable current flow diagram for basic equipment
*2	For models with adjustable lumbar support

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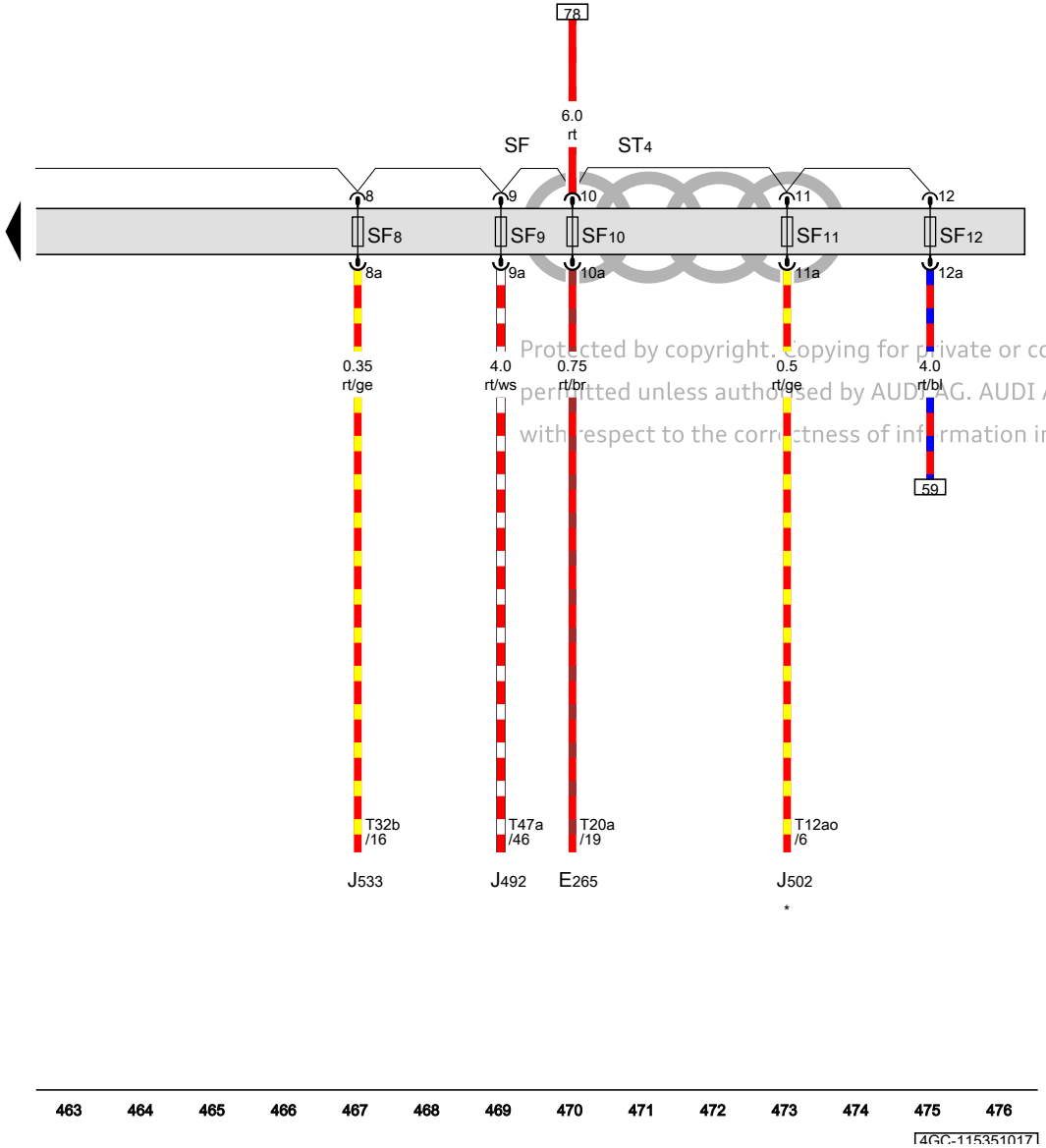
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Fuse holder F, Fuse carrier 4

G476	Clutch position sender
J393	Convenience system central control unit
J525	Digital sound package control unit
J587	Selector lever sensors control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J794	Control unit 1 for information electronics
J943	Engine sound generator control unit
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4, green
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
T4ad	4-pin connector
T4ep	4-pin connector
T4w	4-pin connector
T6ah	6-pin connector
T8ax	8-pin connector
V12	Rear window wiper motor
B286	Positive connection 10 (15a) in main wiring harness
B470	Connection 6, in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for convenience system
*2	see applicable current flow diagram for automatic gearbox
*3	For models with preparation for Rear Seat Entertainment (RSE)
*4	For models with manual gearbox
*5	Avant
*6	For models with 400 W voltage stabiliser

Fuse holder F, Fuse carrier 4

E265	Operating and display unit for rear air conditioning system
J492	All-wheel drive control unit
J502	Tyre Pressure Monitoring System control unit
J533	Data bus diagnostic interface
SF	Fuse holder F, on relay and fuse carrier, on right in luggage compartment
ST4	Fuse carrier 4, green
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12ao	12-pin connector
T20a	20-pin connector
T32b	32-pin connector
T47a	47-pin connector
*	For models with Tyre Pressure Monitoring System



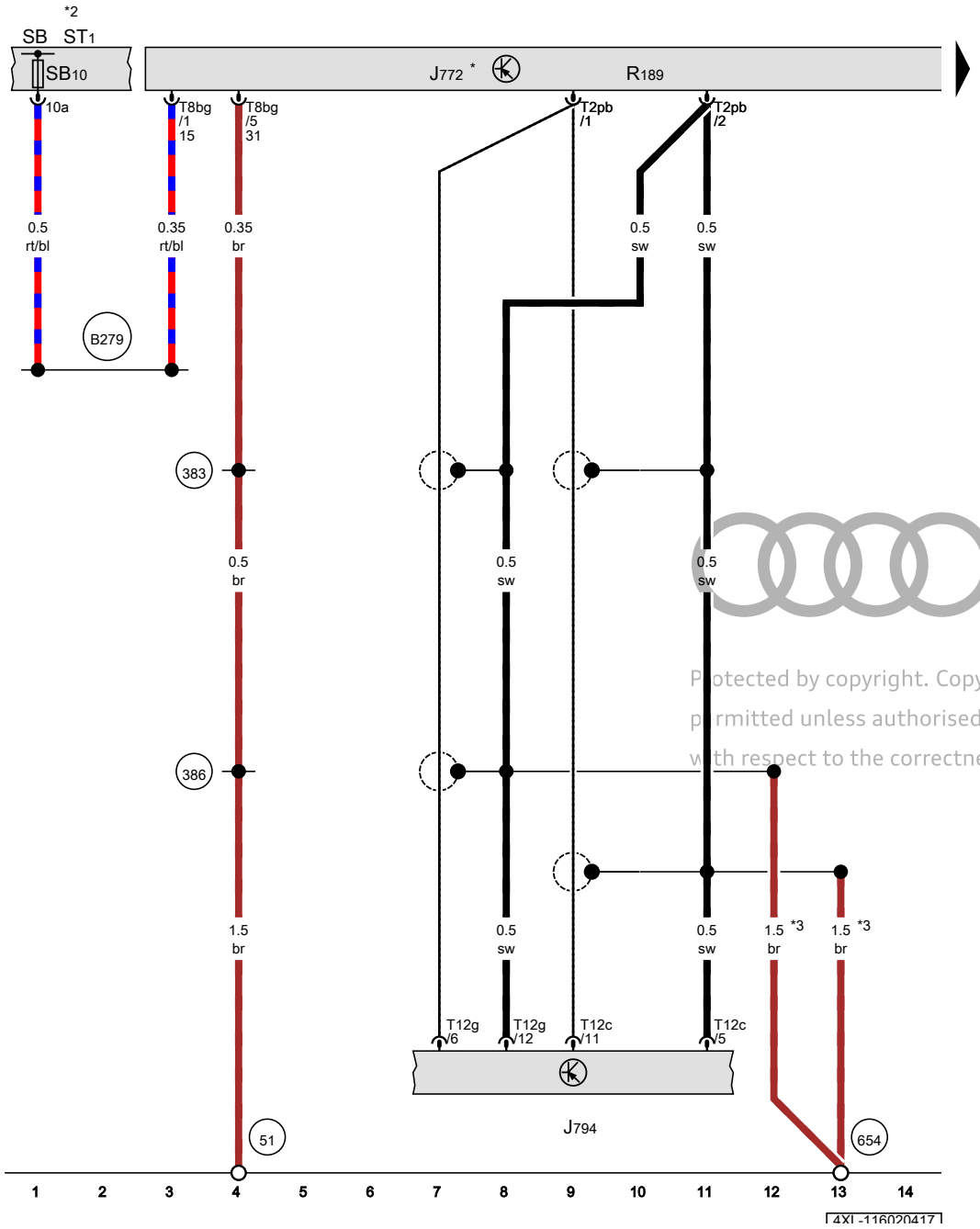
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Reversing camera (Rear Assist) , (KA2)

From April 2015

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Reversing camera system control unit, Reversing camera

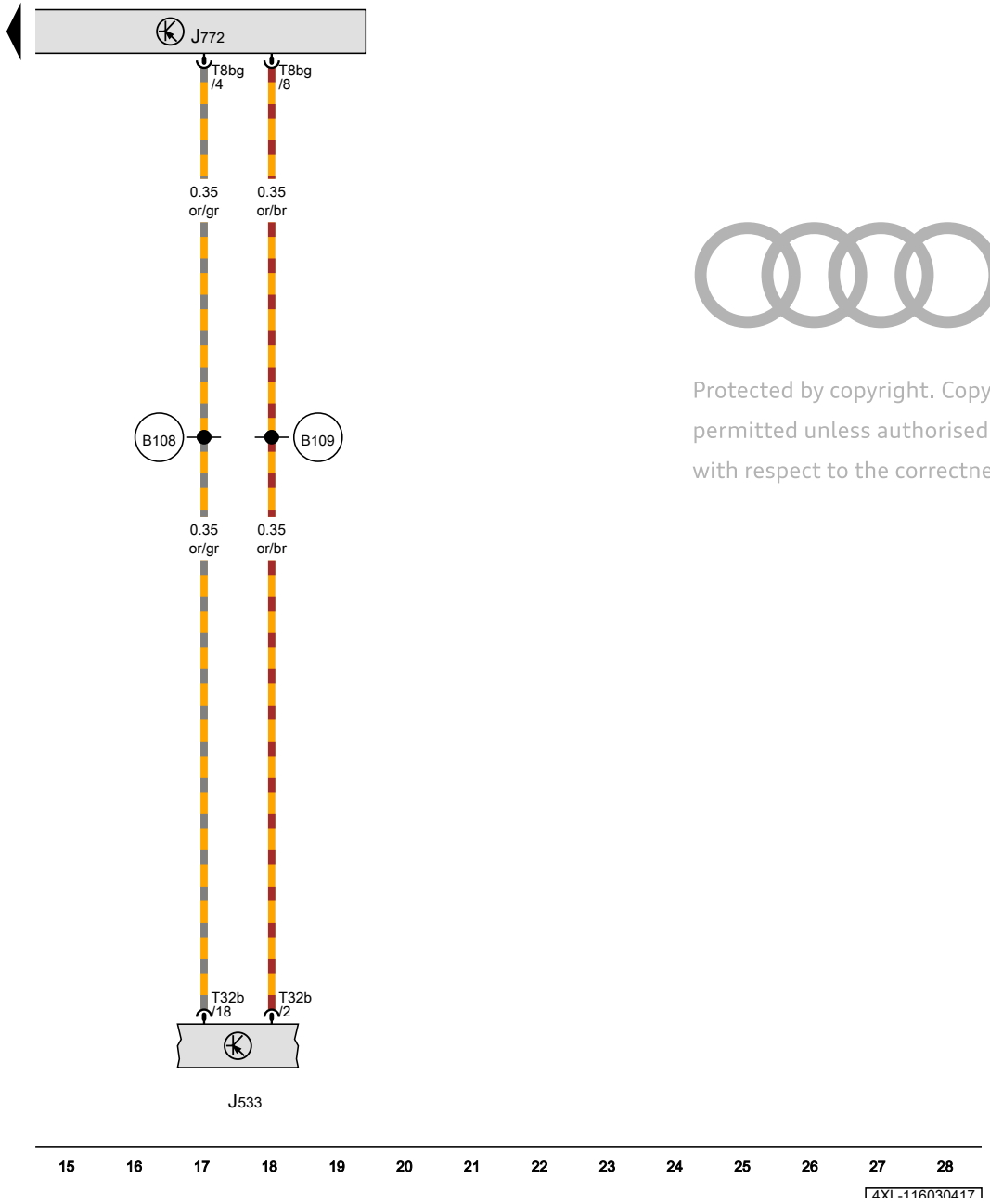
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R189	Reversing camera
SB	Fuse holder B
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T2pb	2-pin connector
T8bg	8-pin connector
T12c	12-pin connector
T12g	12-pin connector
51	Earth point, on right in luggage compartment
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
654	Earth point, on right D-pillar
B279	Positive connection 3 (15a) in main wiring harness
*	Pre-wired component
*2	see applicable current flow diagram for fuse assignment
*3	Avant

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Reversing camera system control unit

J533 Data bus diagnostic interface
J772 Reversing camera system control unit
T8bg 8-pin connector
T32b 32-pin connector
B108 Connection 1 (CAN bus extended high), in main wiring harness
B109 Connection 1 (CAN bus extended low), in main wiring harness



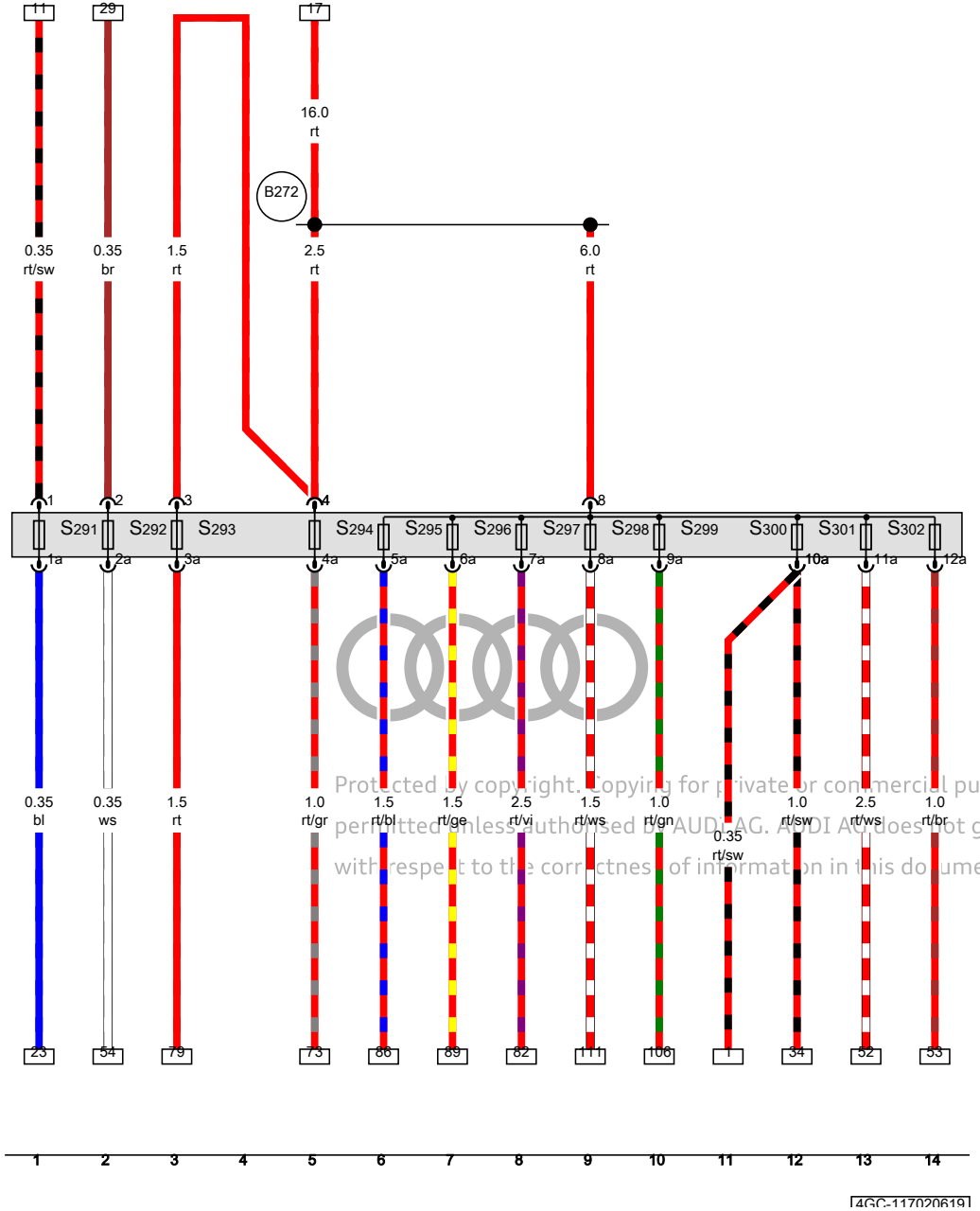
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Special equipment, public authority vehicle , (F4Z),(F5B)

From September 2014

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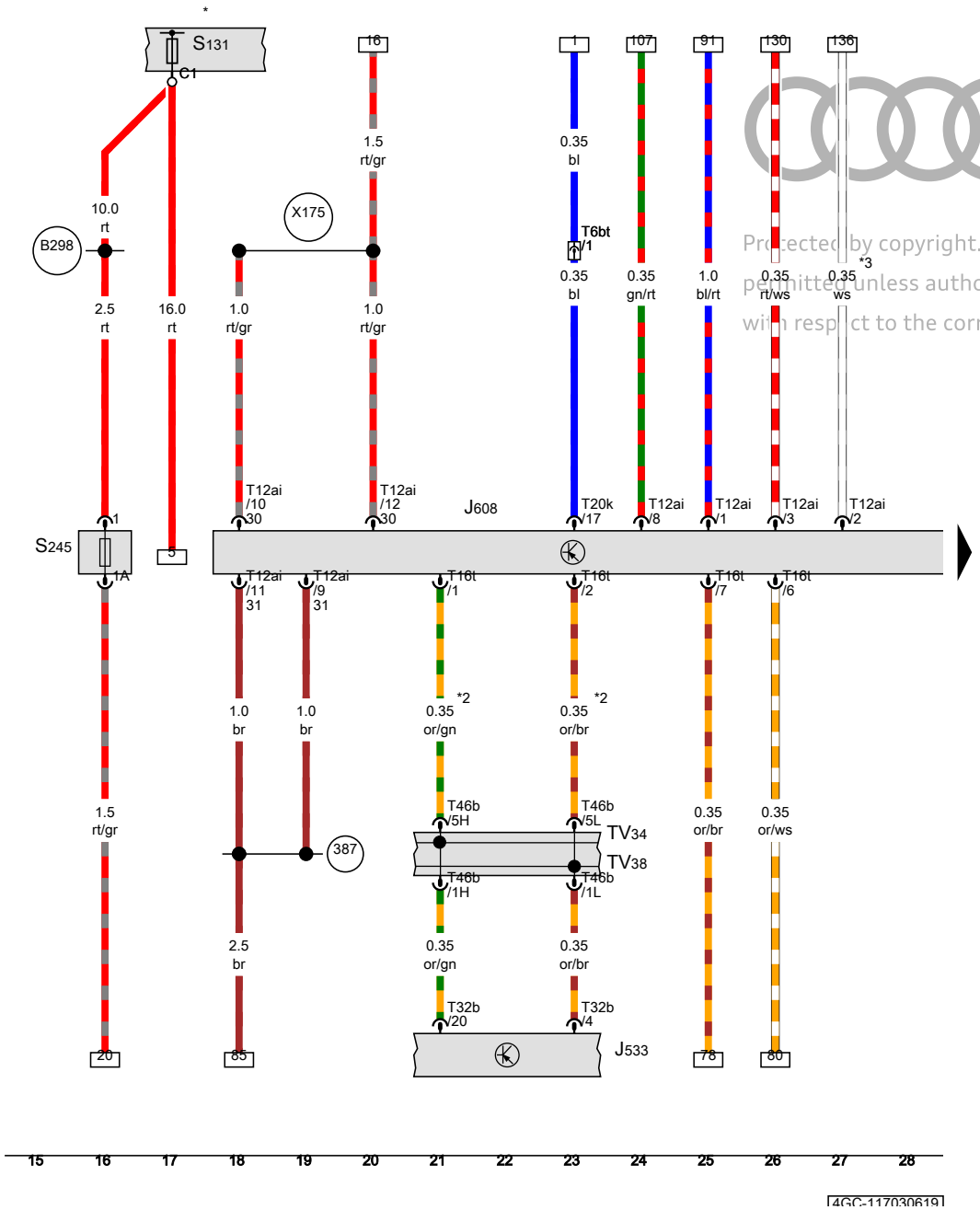


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Special vehicle fuse 1, Special vehicle fuse 2, Special vehicle fuse 3, Special vehicle fuse 4, Special vehicle fuse 5

S291	Special vehicle fuse 1, in rear right side panel
S292	Special vehicle fuse 2, in rear right side panel
S293	Special vehicle fuse 3, in rear right side panel
S294	Special vehicle fuse 4, in rear right side panel
S295	Special vehicle fuse 5, in rear right side panel
S296	Special vehicle fuse 6, in rear right side panel
S297	Special vehicle fuse 7, in rear right side panel
S298	Special vehicle fuse 8, in rear right side panel
S299	Special vehicle fuse 9, in rear right side panel
S300	Special vehicle fuse 10, in rear right side panel
S301	Special vehicle fuse 11, in rear right side panel
S302	Special vehicle fuse 12, in rear right side panel
B272	Positive connection (30), in main wiring harness

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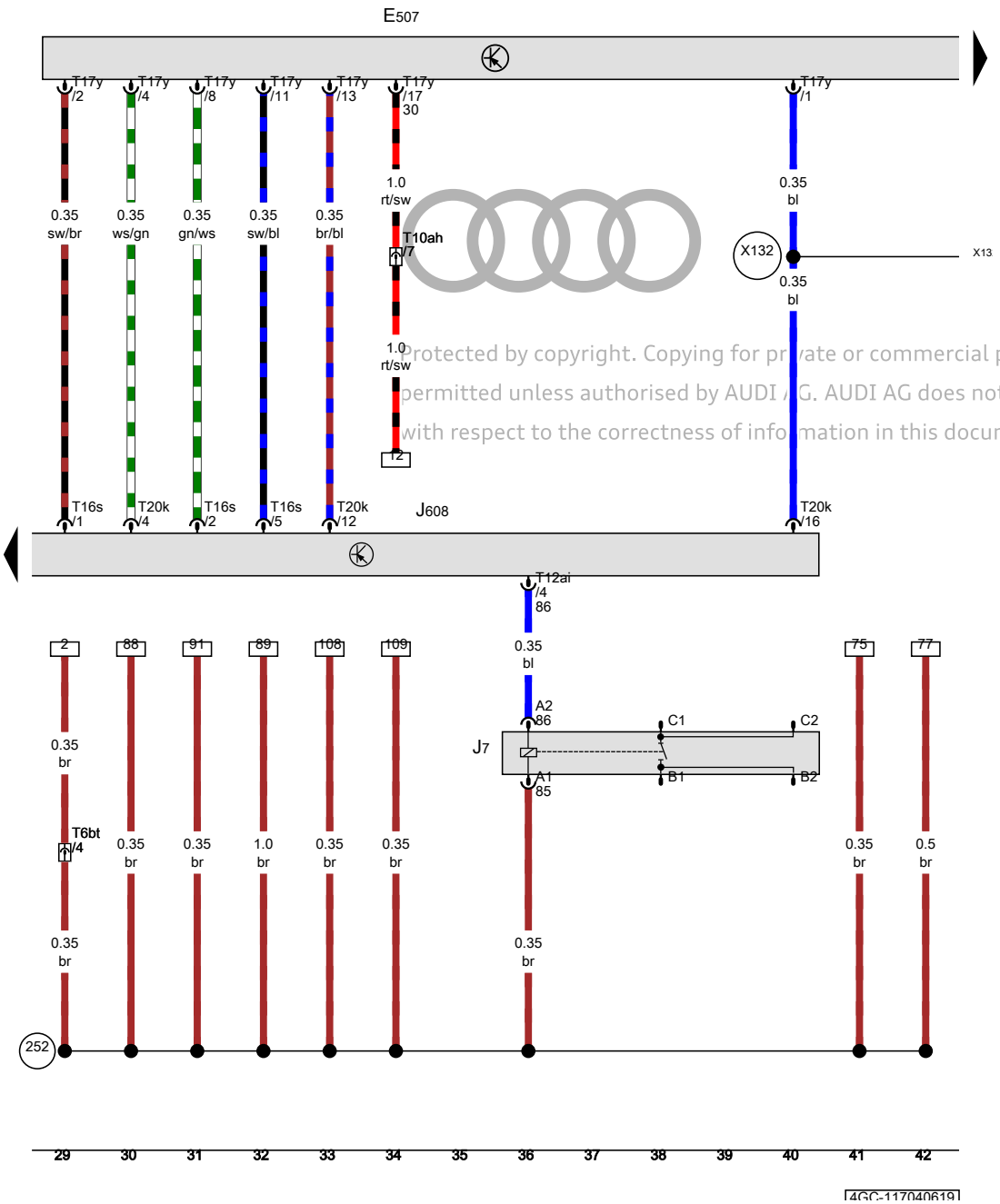


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Special vehicle control unit, Optional equipment main fuse

J533	Data bus diagnostic interface
J608	Special vehicle control unit
S131	Fuse 1
S245	Optional equipment main fuse, on relay and fuse carrier, on right in luggage compartment
T6bt	6-pin connector, in luggage compartment, rear right
T12ai	12-pin connector
T16t	16-pin connector
T20k	20-pin connector
T32b	32-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
387	Earth connection 22, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
X175	Positive connection (30a), in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Data bus wire (CAN bus)
*3	Avant

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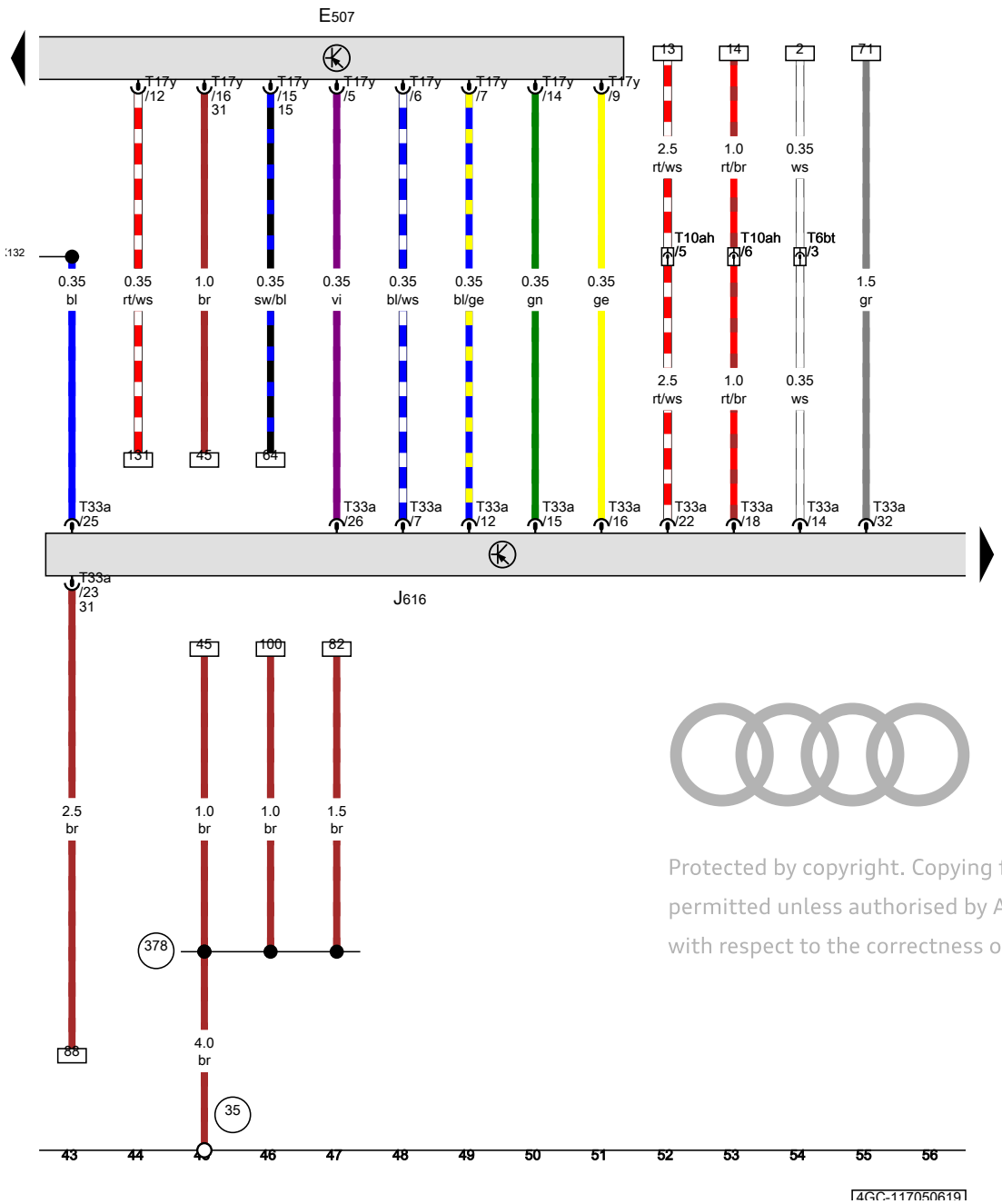


Operating unit for special signals, Battery isolation relay, Special vehicle control unit

E507	Operating unit for special signals
J7	Battery isolation relay
J608	Special vehicle control unit
T6bt	6-pin connector, in luggage compartment, rear right
T10ah	10-pin connector, in luggage compartment, rear right
T12ai	12-pin connector
T16s	16-pin connector
T17y	17-pin connector
T20k	20-pin connector
252	Earth connection, in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness

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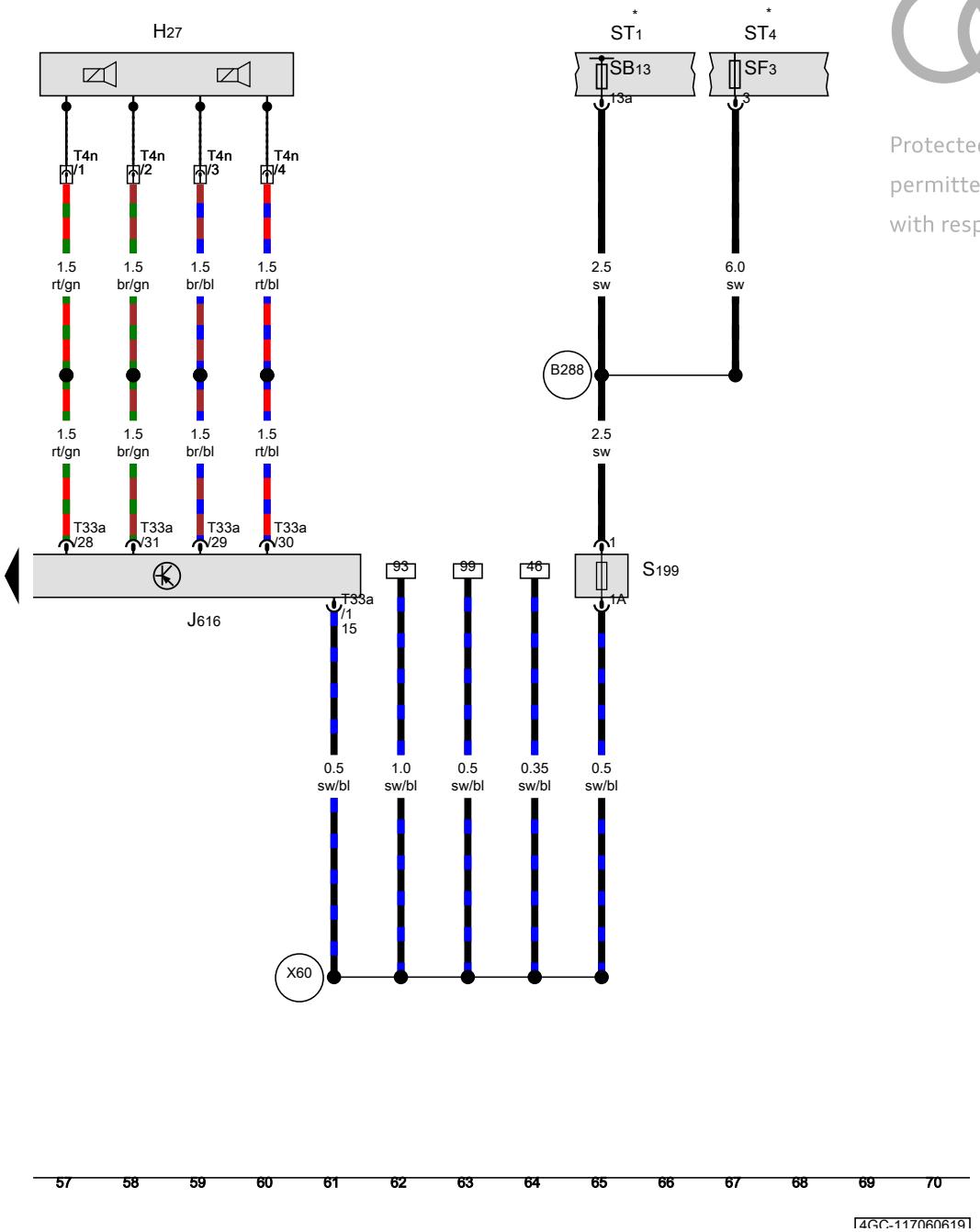


Operating unit for special signals, Signal system control unit

E507	Operating unit for special signals
J616	Signal system control unit
T6bt	6-pin connector, in luggage compartment, rear right
T10ah	10-pin connector, in luggage compartment, rear right
T17y	17-pin connector
T33a	33-pin connector
35	Earth point, under front passenger seat
378	Earth connection 13, in main wiring harness
X132	Connection 5, in optional equipment wiring harness

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Siren, Signal system control unit, Fuse 1 (15)

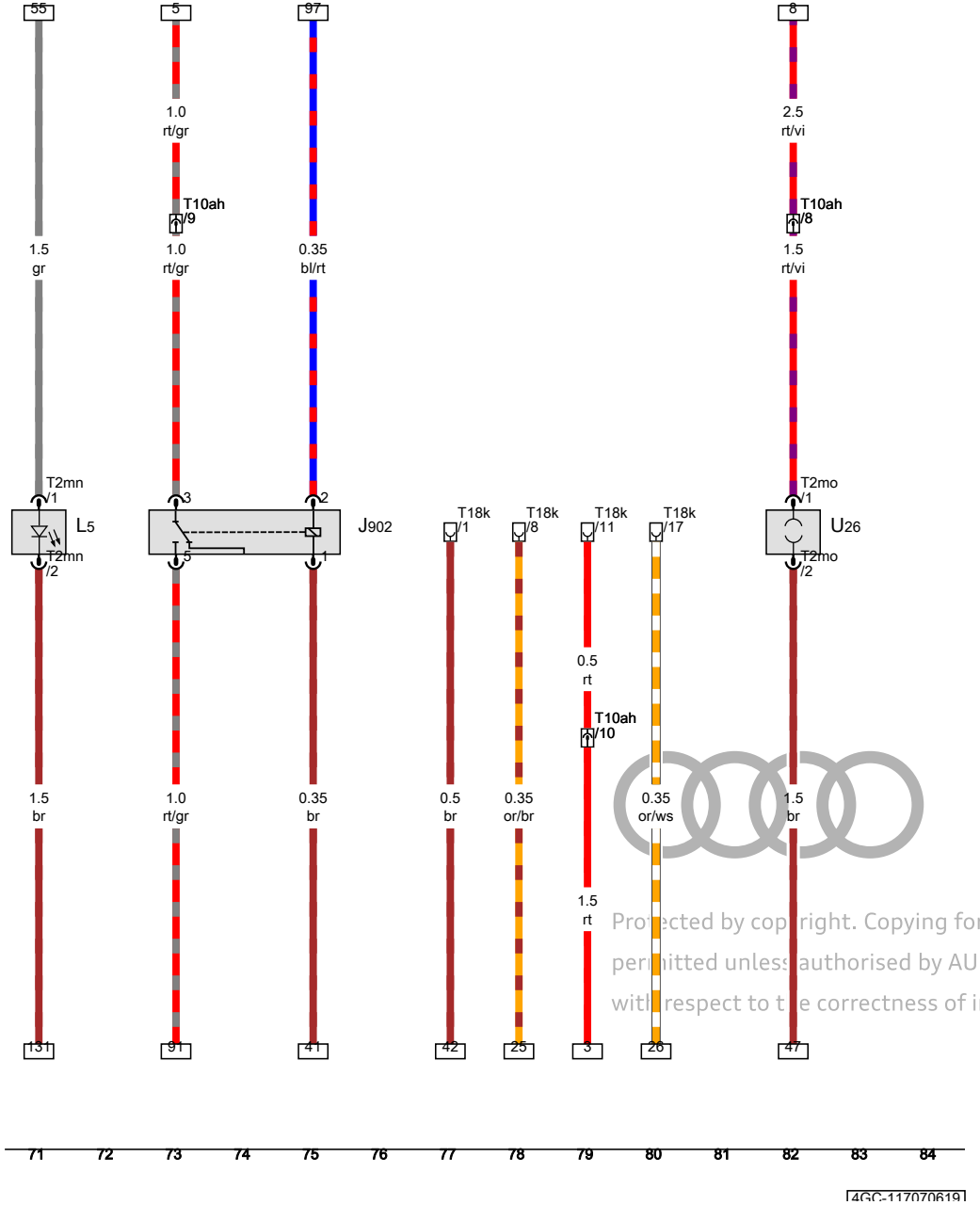
H27	Siren
J616	Signal system control unit
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SB13	Fuse 13 on fuse holder B
S199	Fuse 1 (15), on relay and fuse carrier, on right in luggage compartment
T4n	4-pin connector, behind front bumper on left
T33a	33-pin connector
B288	Positive connection 12 (15a) in main wiring harness
X60	Positive connection 2 (15a), in optional equipment wiring harness
*	see applicable current flow diagram for fuse assignment

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Relay for front "stop" command light, Rotating light bulb, 12 V socket 5

J902	Relay for front "stop" command light
L5	Rotating light bulb
T2mn	2-pin connector
T2mo	2-pin connector
T10ah	10-pin connector, in luggage compartment, rear right
T18k	18-pin connector
U26	12 V socket 5

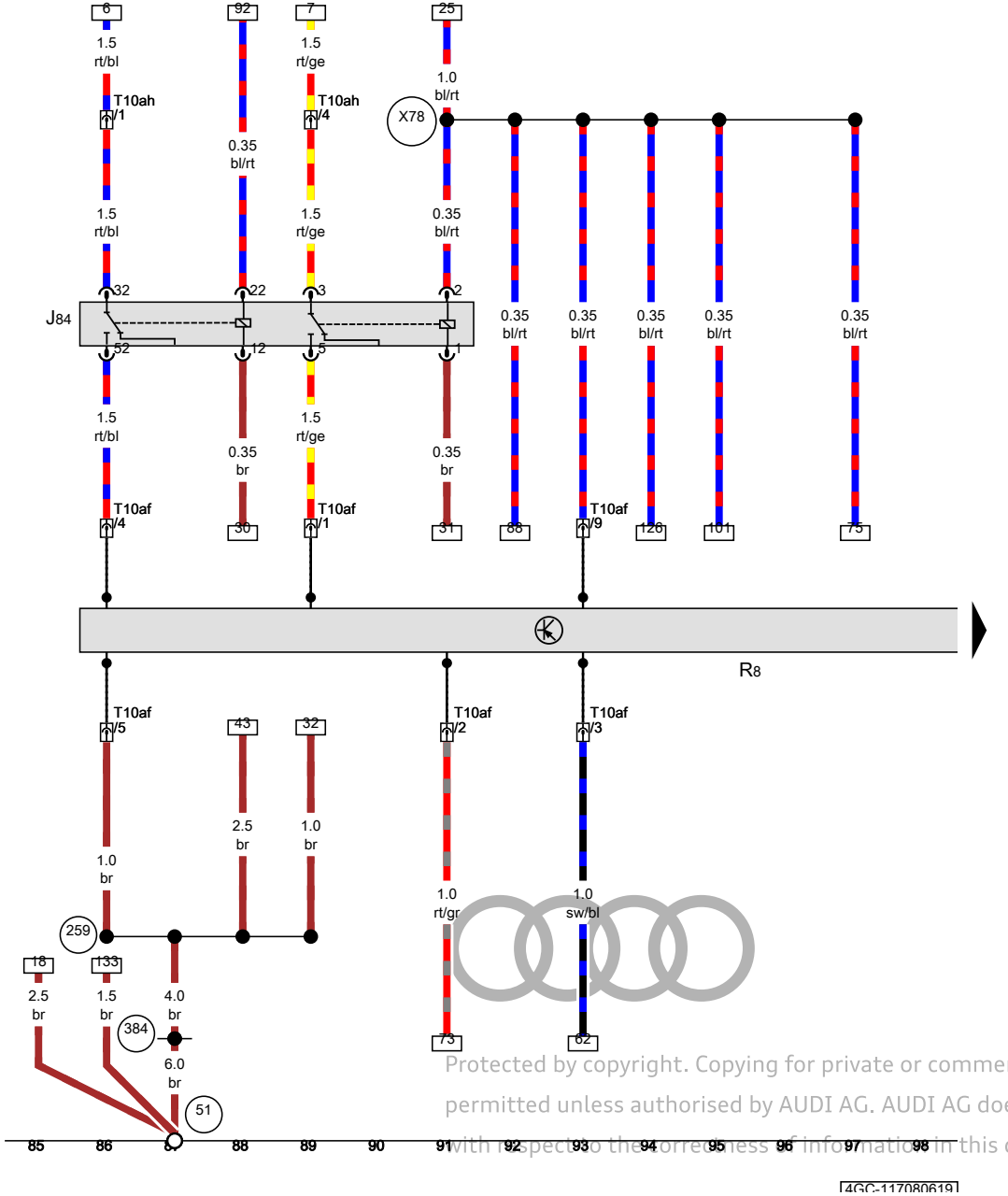


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Two-way radio voltage relay, Two-way radio

J84	Two-way radio voltage relay
R8	Two-way radio
T10af	10-pin connector, on 2-way radio
T10ah	10-pin connector, in luggage compartment, rear right
51	Earth point, on right in luggage compartment
259	Earth connection 2, in optional equipment wiring harness
384	Earth connection 19, in main wiring harness
X78	Connection 1, in optional equipment wiring harness



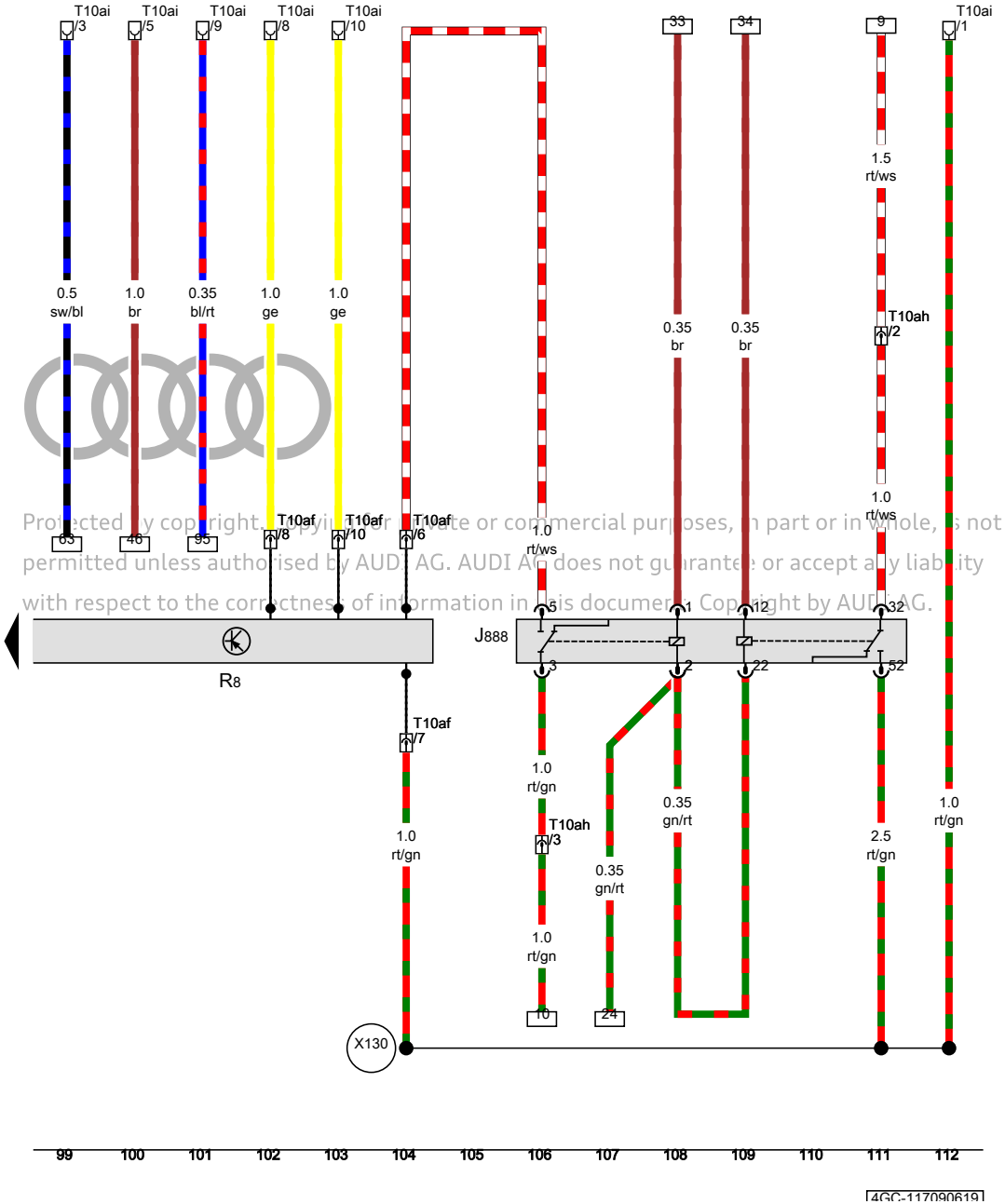
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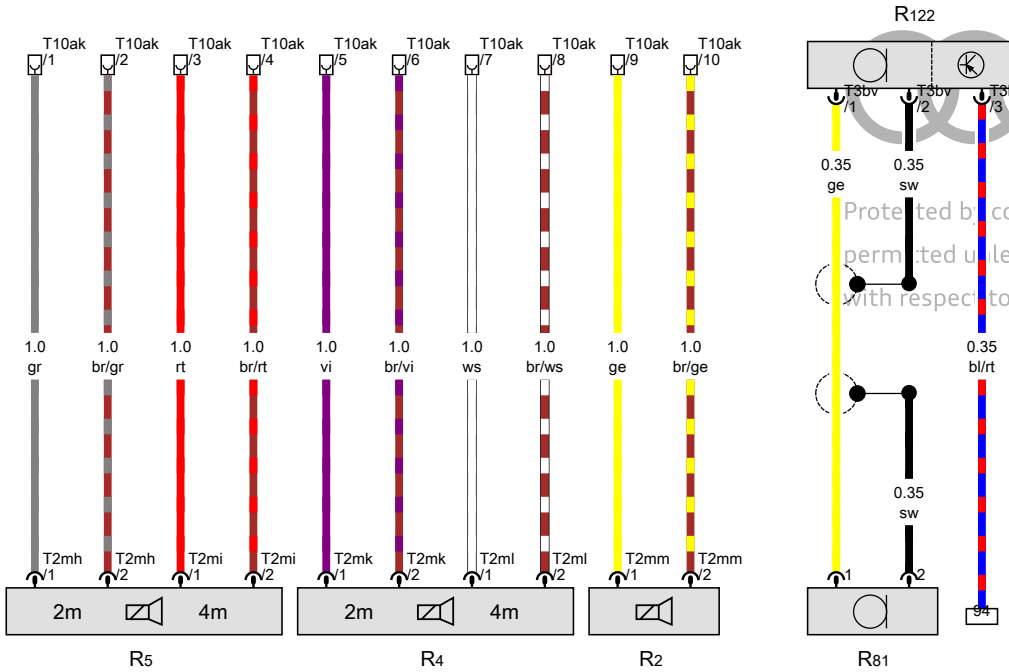
Two-way radio voltage relay 2, Two-way radio

J888	Two-way radio voltage relay 2
R8	Two-way radio
T10af	10-pin connector, on 2-way radio
T10ah	10-pin connector, in luggage compartment, rear right
T10ai	10-pin connector, on right in dash panel
X130	Connection 3, in optional equipment wiring harness



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Front left loudspeaker, Rear left loudspeaker, Rear right loudspeaker, 2-way radio unit microphone, 10-pin connector

R2	Front left loudspeaker
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R81	Microphone for special signals, in left A-pillar
R122	2-way radio unit microphone
T2mh	2-pin connector
T2mi	2-pin connector
T2mk	2-pin connector
T2ml	2-pin connector
T2mm	2-pin connector
T3bv	3-pin connector
T10ak	10-pin connector, lower part of B-pillar, front passenger side

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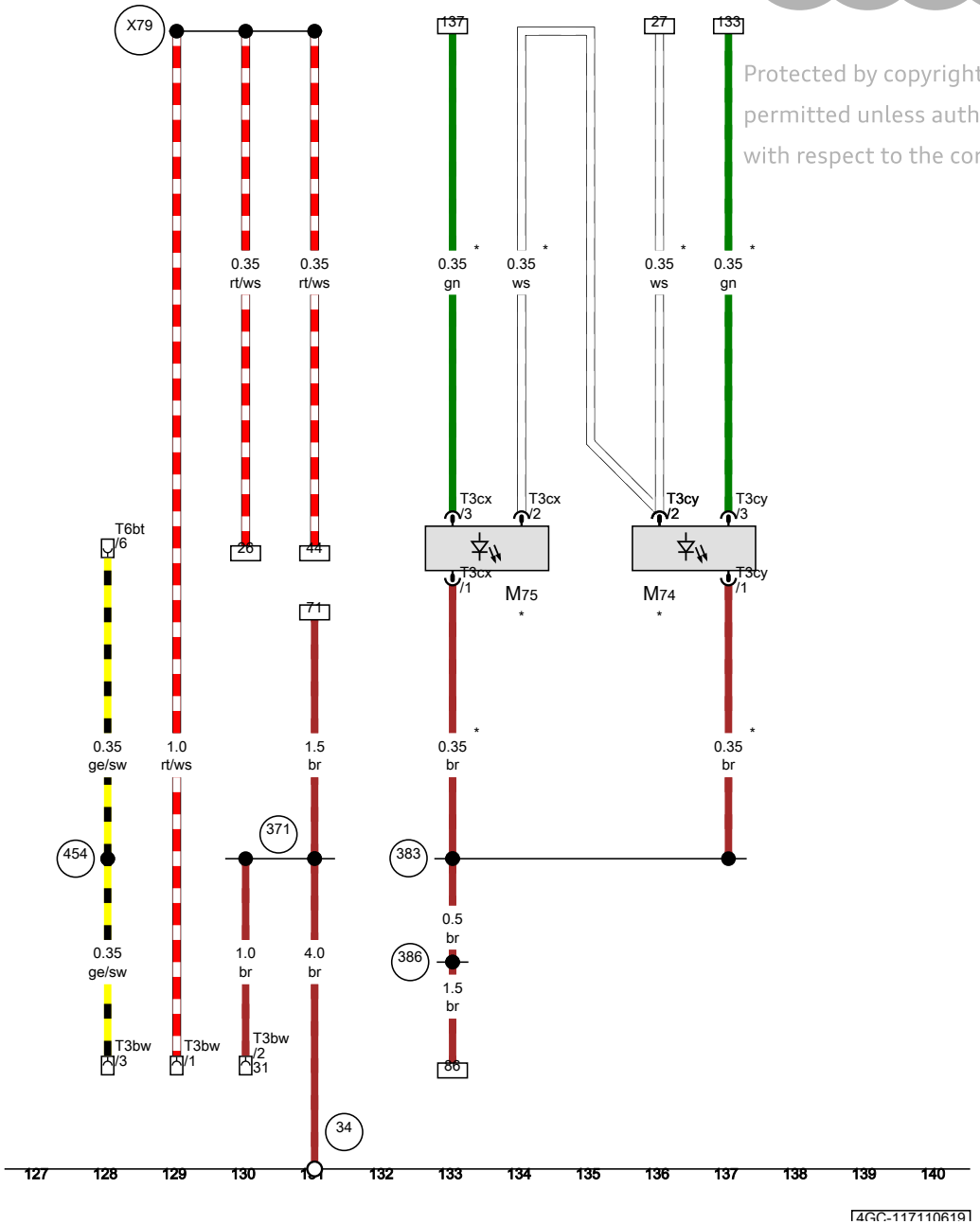
[4GC-117100619]

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rt	=	red
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gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Right flashing light in rear lid, Left flashing light in rear lid

M74	Right flashing light in rear lid
M75	Left flashing light in rear lid
T3bw	3-pin connector, Coupling point for front speed camera
T3cx	3-pin connector
T3cy	3-pin connector
T6bt	6-pin connector, in luggage compartment, rear right
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
454	Earth connection 4, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Avant



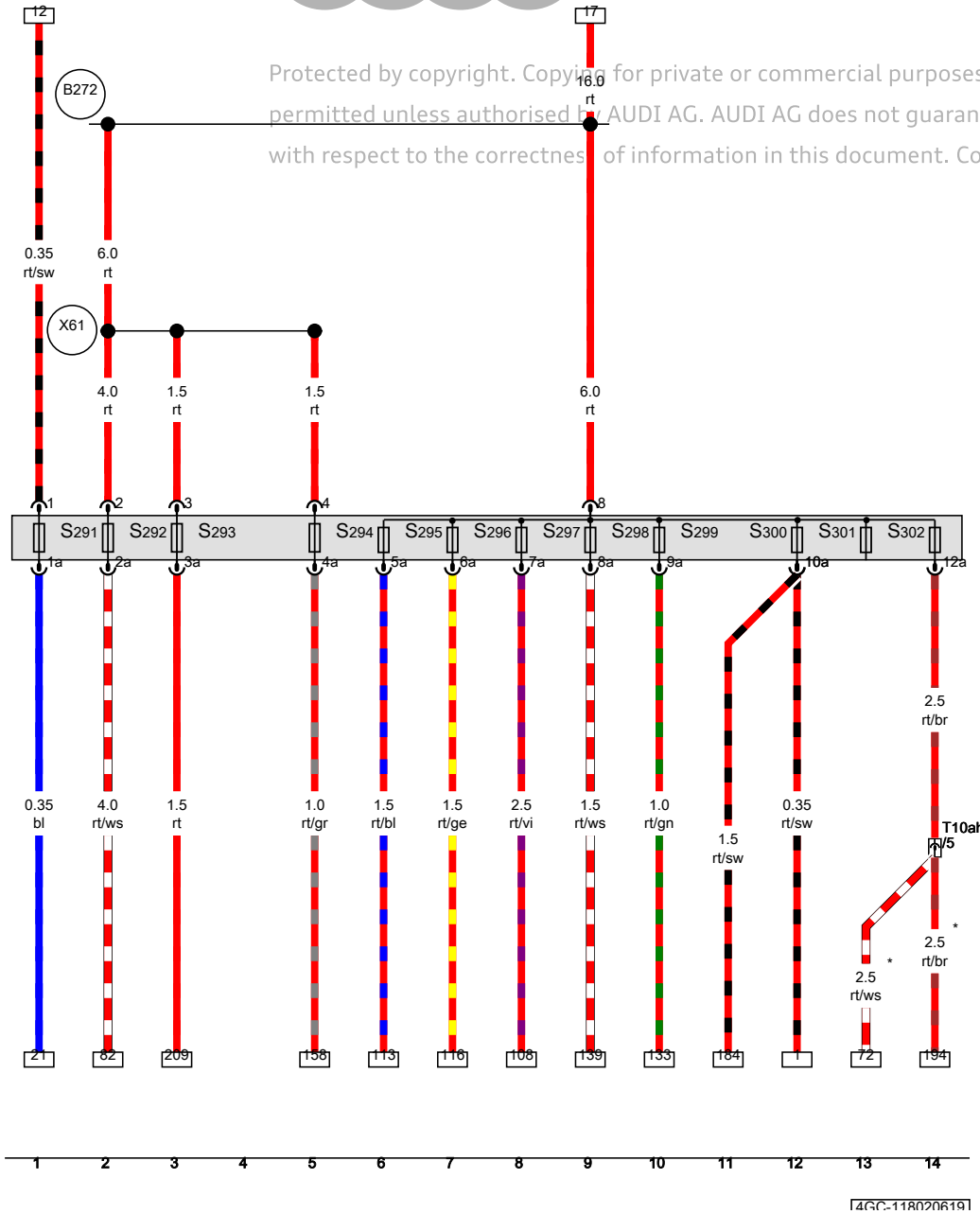
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bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

Special equipment, public authority vehicle , (F4G),(F4J),(F4Q),(F4X),(F4Z),(F5B)

From June 2015

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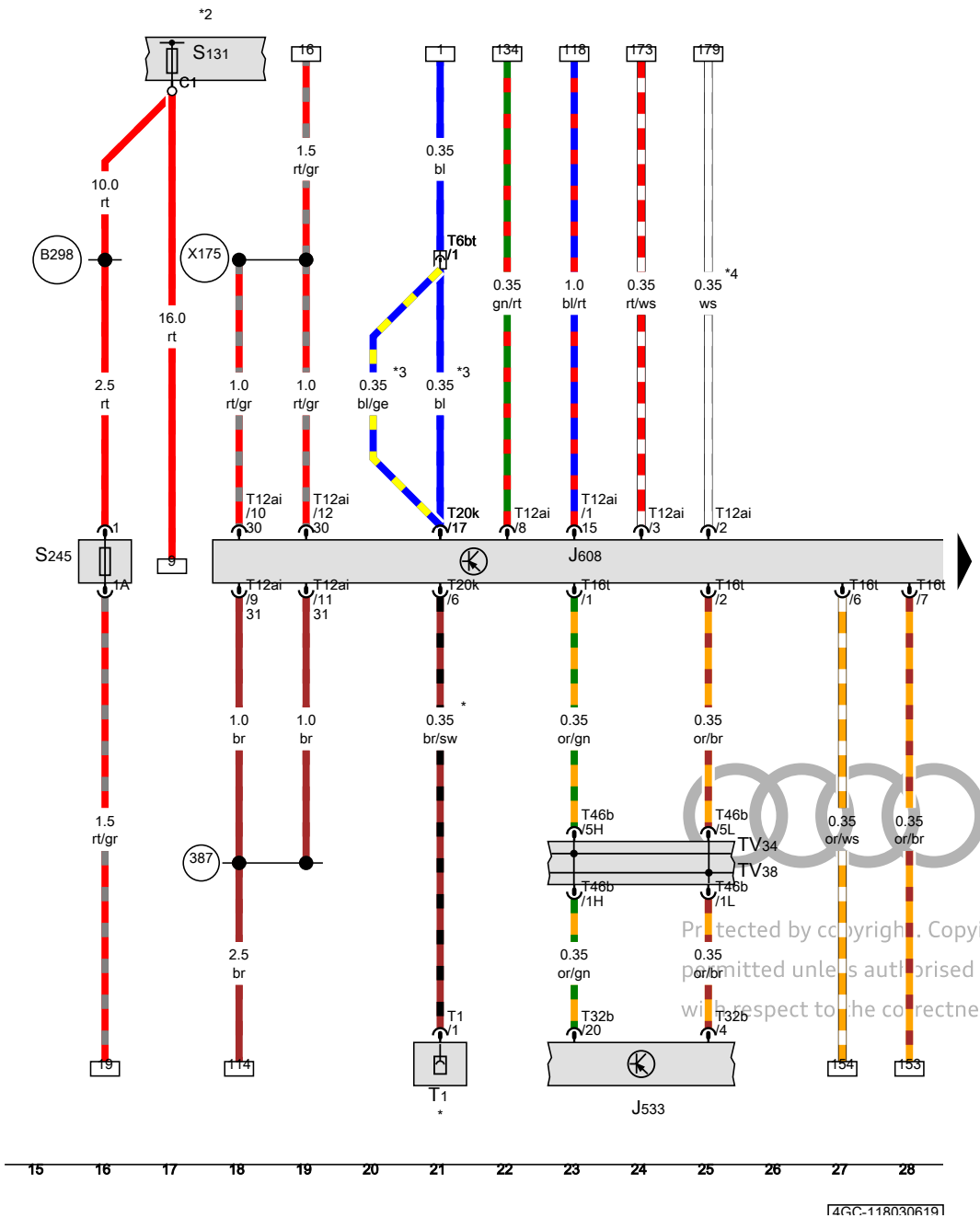
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Special vehicle fuse 1, Special vehicle fuse 2, Special vehicle fuse 3, Special vehicle fuse 4, Special vehicle fuse 5

S291	Special vehicle fuse 1, in rear right side panel
S292	Special vehicle fuse 2, in rear right side panel
S293	Special vehicle fuse 3, in rear right side panel
S294	Special vehicle fuse 4, in rear right side panel
S295	Special vehicle fuse 5, in rear right side panel
S296	Special vehicle fuse 6, in rear right side panel
S297	Special vehicle fuse 7, in rear right side panel
S298	Special vehicle fuse 8, in rear right side panel
S299	Special vehicle fuse 9, in rear right side panel
S300	Special vehicle fuse 10, in rear right side panel
S301	Special vehicle fuse 11, in rear right side panel
S302	Special vehicle fuse 12, in rear right side panel
T10ah	10-pin connector, in luggage compartment, rear right
B272	Positive connection (30), in main wiring harness
X61	Positive connection (30), in optional equipment wiring harness
*	According to equipment



Special vehicle control unit

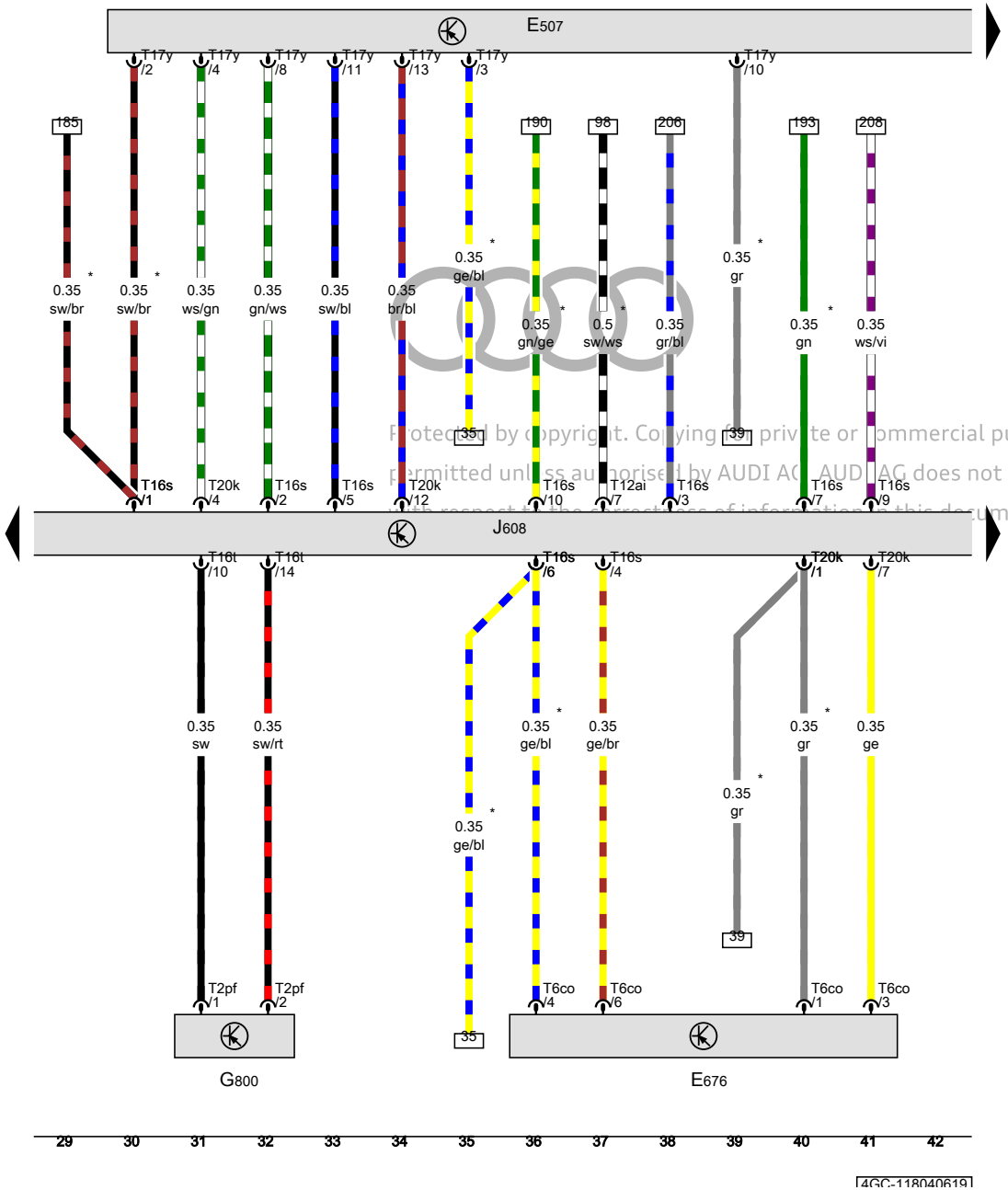
J533	Data bus diagnostic interface
J608	Special vehicle control unit
S131	Fuse 1
S245	Optional equipment main fuse
T1	1-pin connector
T6bt	6-pin connector
T12ai	12-pin connector, black
T16t	16-pin connector
T20k	20-pin connector, red
T32b	32-pin connector
T46b	46-pin connector, black
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
387	Earth connection 22, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
X175	Positive connection (30a), in optional equipment wiring harness
*	For models with starter inhibitor
*2	see applicable current flow diagram for fuse assignment
*3	According to equipment
*4	Avant

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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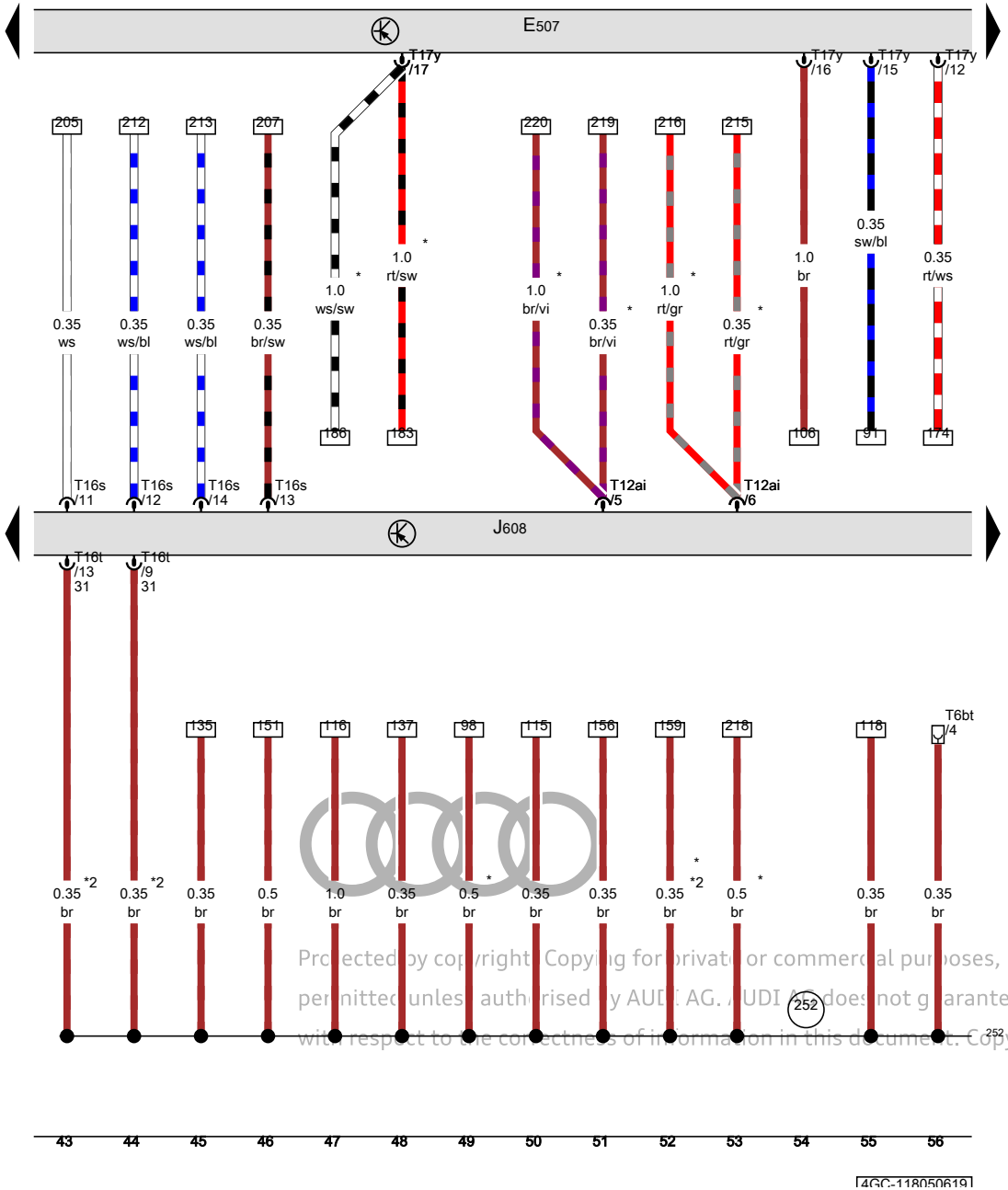
Operating unit for special signals, Operating unit for special signal system, Microwave sensor, Special vehicle control unit

E507	Operating unit for special signals
E676	Operating unit for special signal system
G800	Microwave sensor
J608	Special vehicle control unit
T2pf	2-pin connector, blue
T6co	6-pin connector, black
T12ai	12-pin connector, black
T16s	16-pin connector, black
T16t	16-pin connector
T17y	17-pin connector, green
T20k	20-pin connector, red
*	According to equipment



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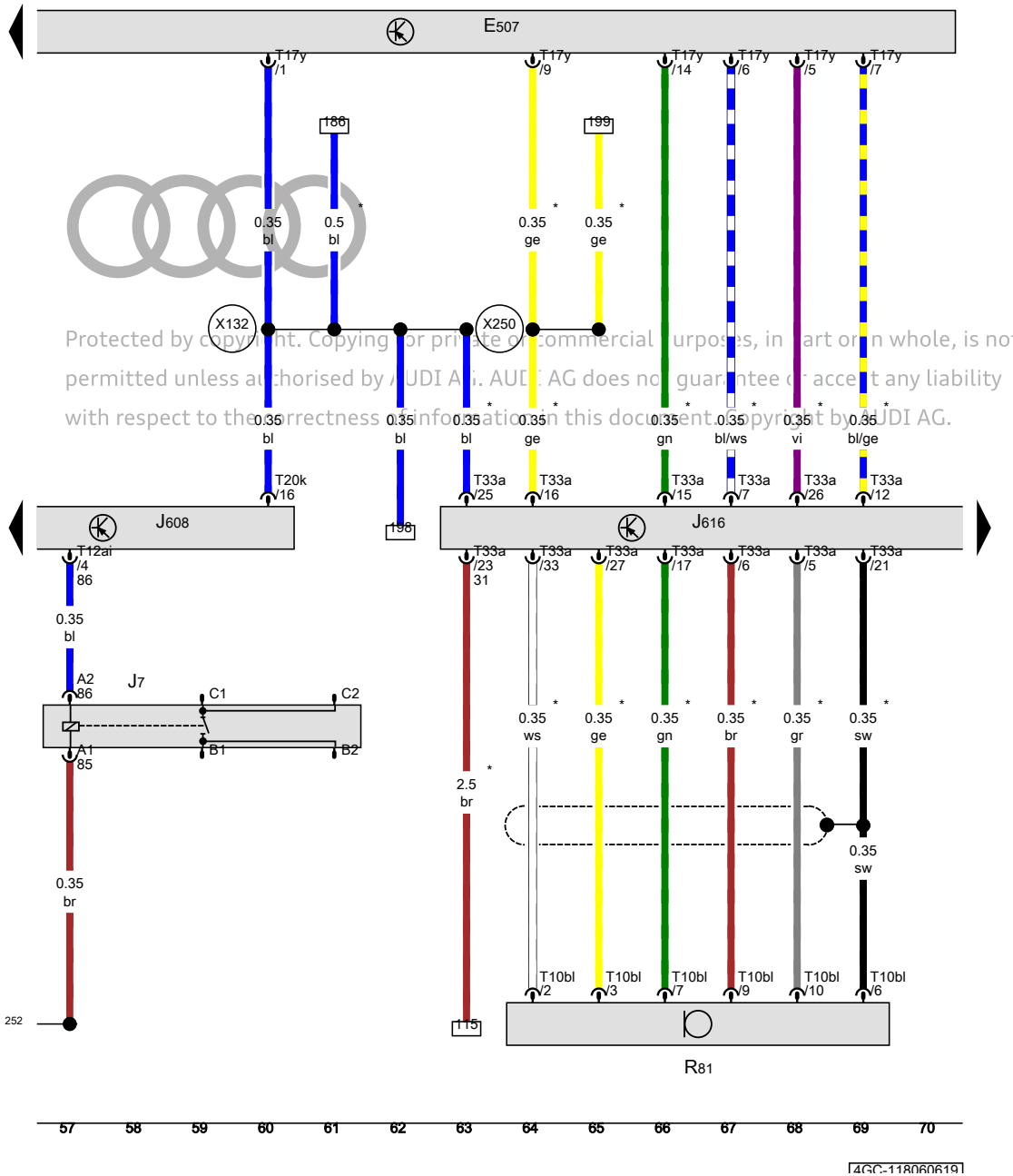


Operating unit for special signals, Special vehicle control unit

E507	Operating unit for special signals
J608	Special vehicle control unit
T6bt	6-pin connector
T12ai	12-pin connector, black
T16s	16-pin connector, black
T16t	16-pin connector
T17y	17-pin connector, green
252	Earth connection, in optional equipment wiring harness
*	According to equipment
*2	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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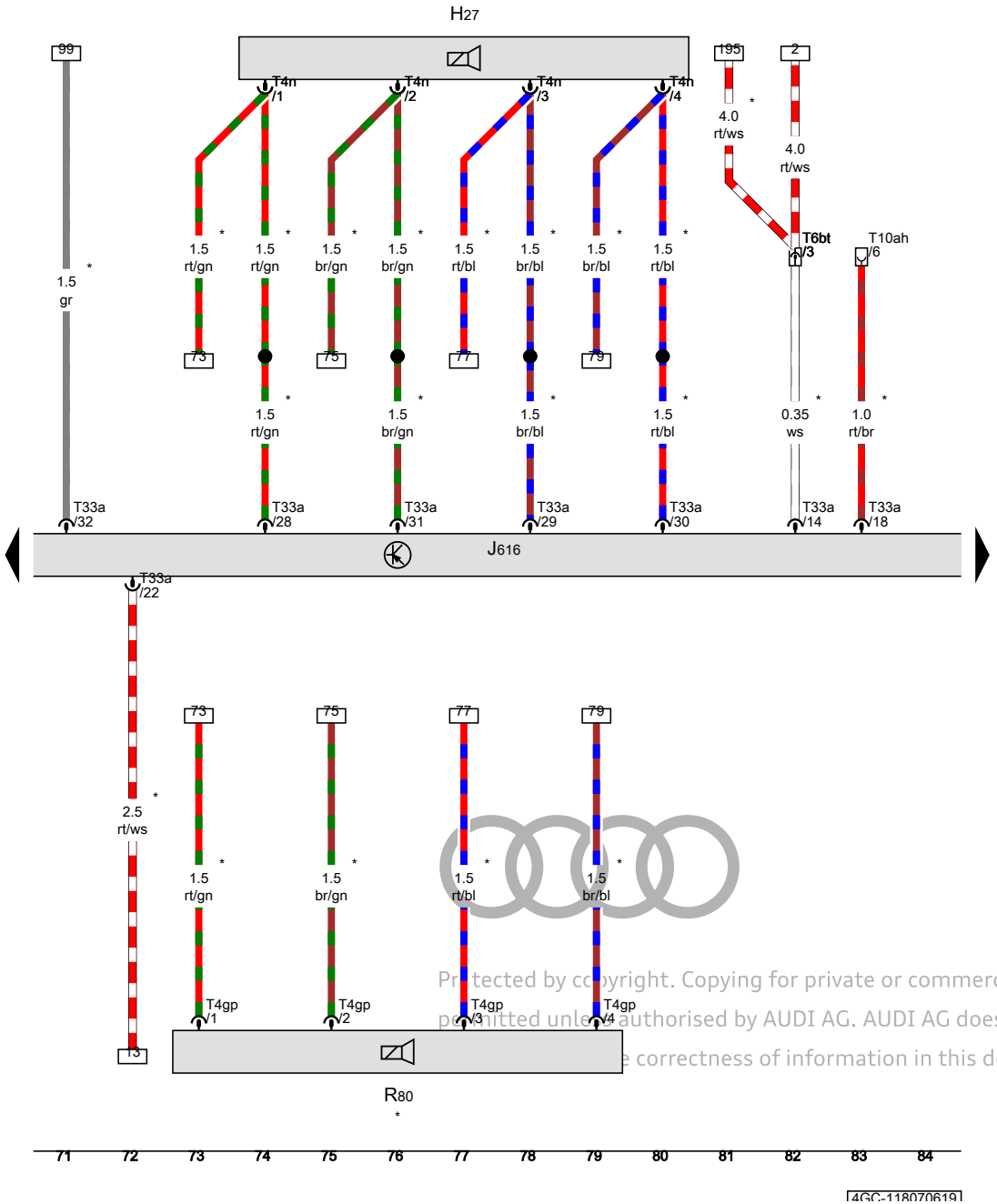


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Operating unit for special signals, Battery isolation relay, Special vehicle control unit, Signal system control unit, Microphone for special signals

E507	Operating unit for special signals
J7	Battery isolation relay
J608	Special vehicle control unit
J616	Signal system control unit
R81	Microphone for special signals
T10bl	10-pin connector, black
T12ai	12-pin connector, black
T17y	17-pin connector, green
T20k	20-pin connector, red
T33a	33-pin connector
252	Earth connection, in optional equipment wiring harness
X132	Connection 5, in optional equipment wiring harness
X250	Connection 6 in special vehicle wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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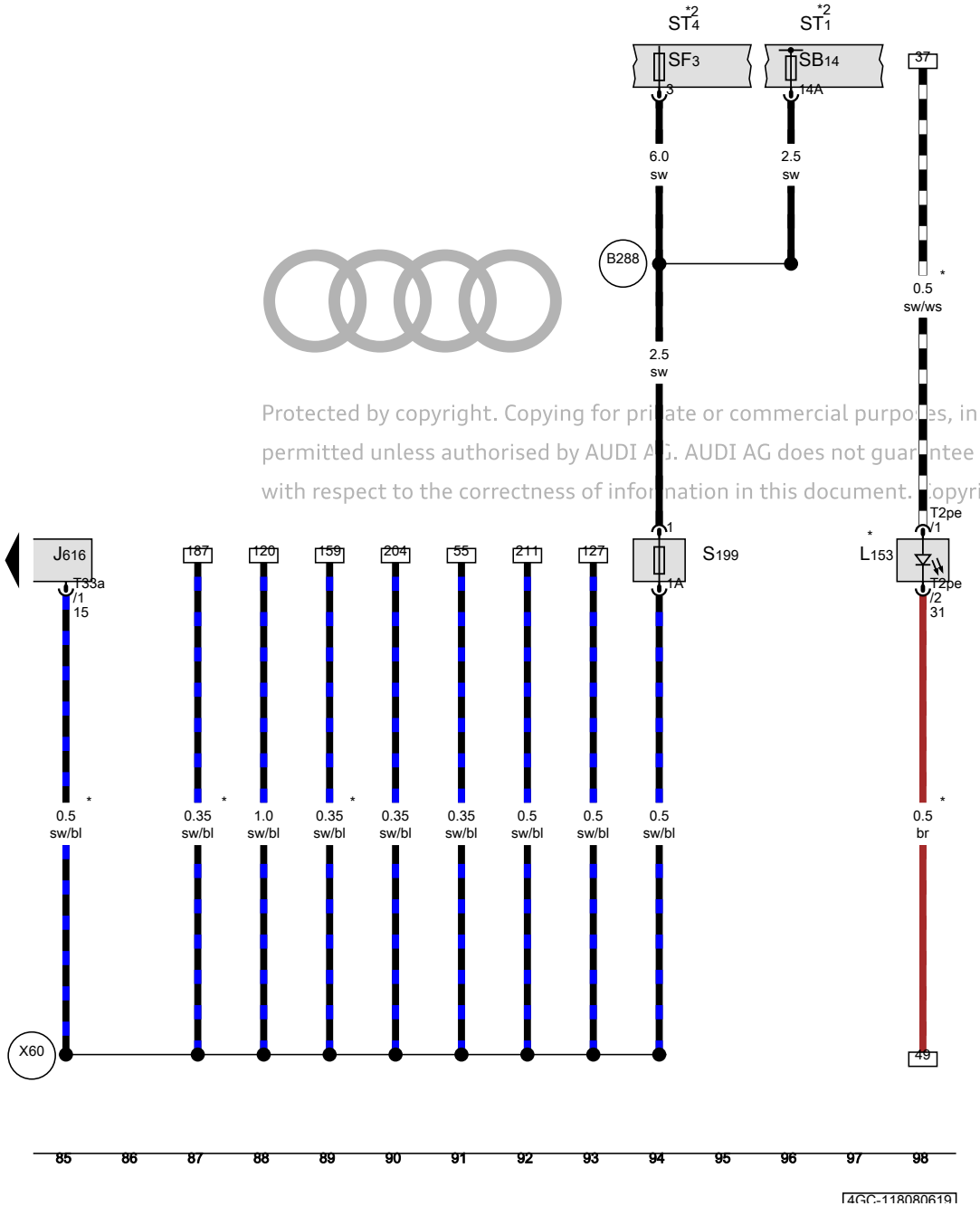


Siren, Signal system control unit, Loudspeaker for special signals

H27	Siren
J616	Signal system control unit
R80	Loudspeaker for special signals
T4gp	4-pin connector, black
T4n	4-pin connector
T6bt	6-pin connector
T10ah	10-pin connector, in luggage compartment, rear right
T33a	33-pin connector
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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vi	=	purple
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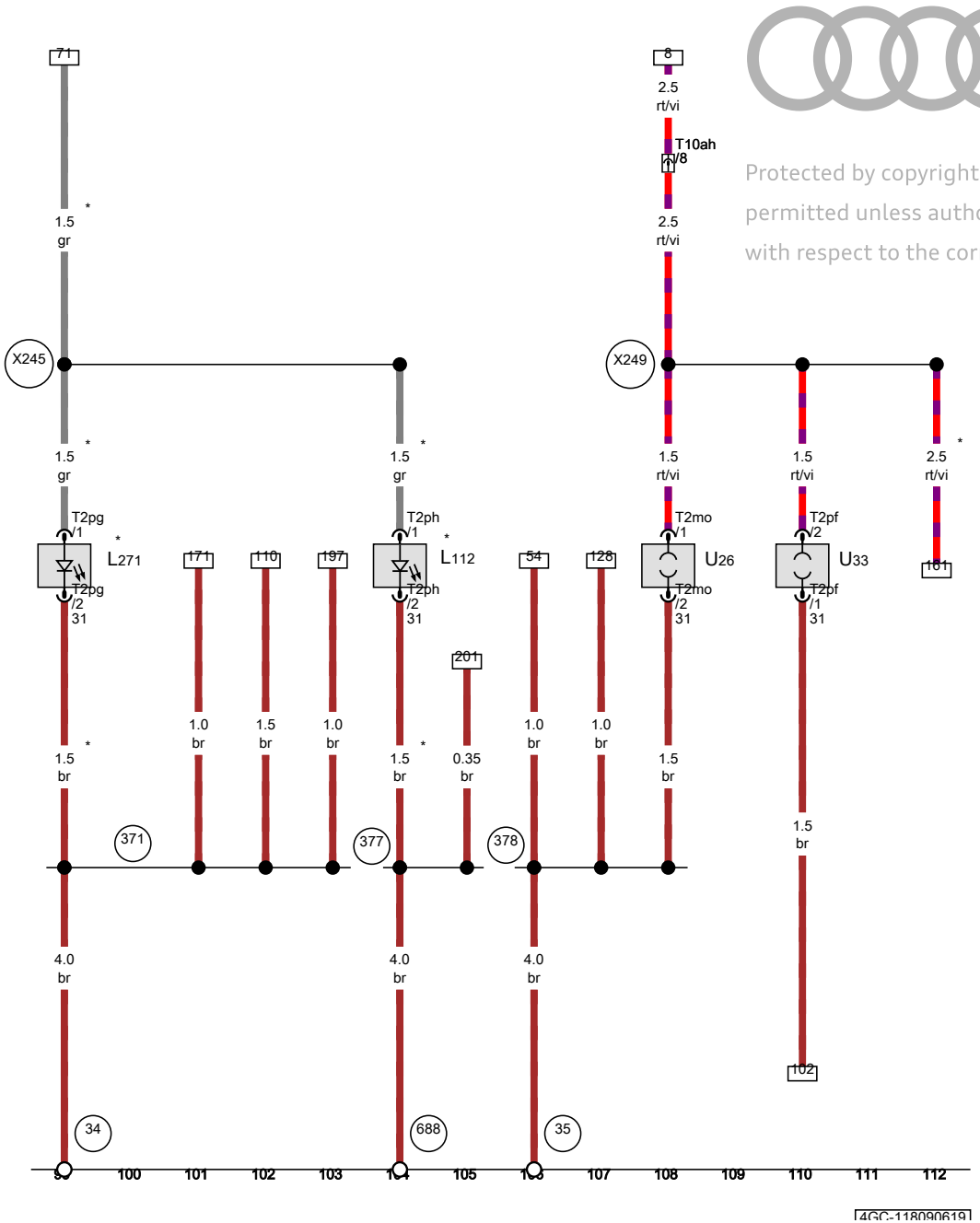


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Signal system control unit, Rear illumination bulb

J616	Signal system control unit
L153	Rear illumination bulb
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SB14	Fuse 14 on fuse holder B
S199	Fuse 1 (15)
T2pe	2-pin connector, black
T33a	33-pin connector
B288	Positive connection 12 (15a) in main wiring harness
X60	Positive connection 2 (15a), in optional equipment wiring harness
*	According to equipment
*2	see applicable current flow diagram for fuse assignment

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rt	=	red
br	=	brown
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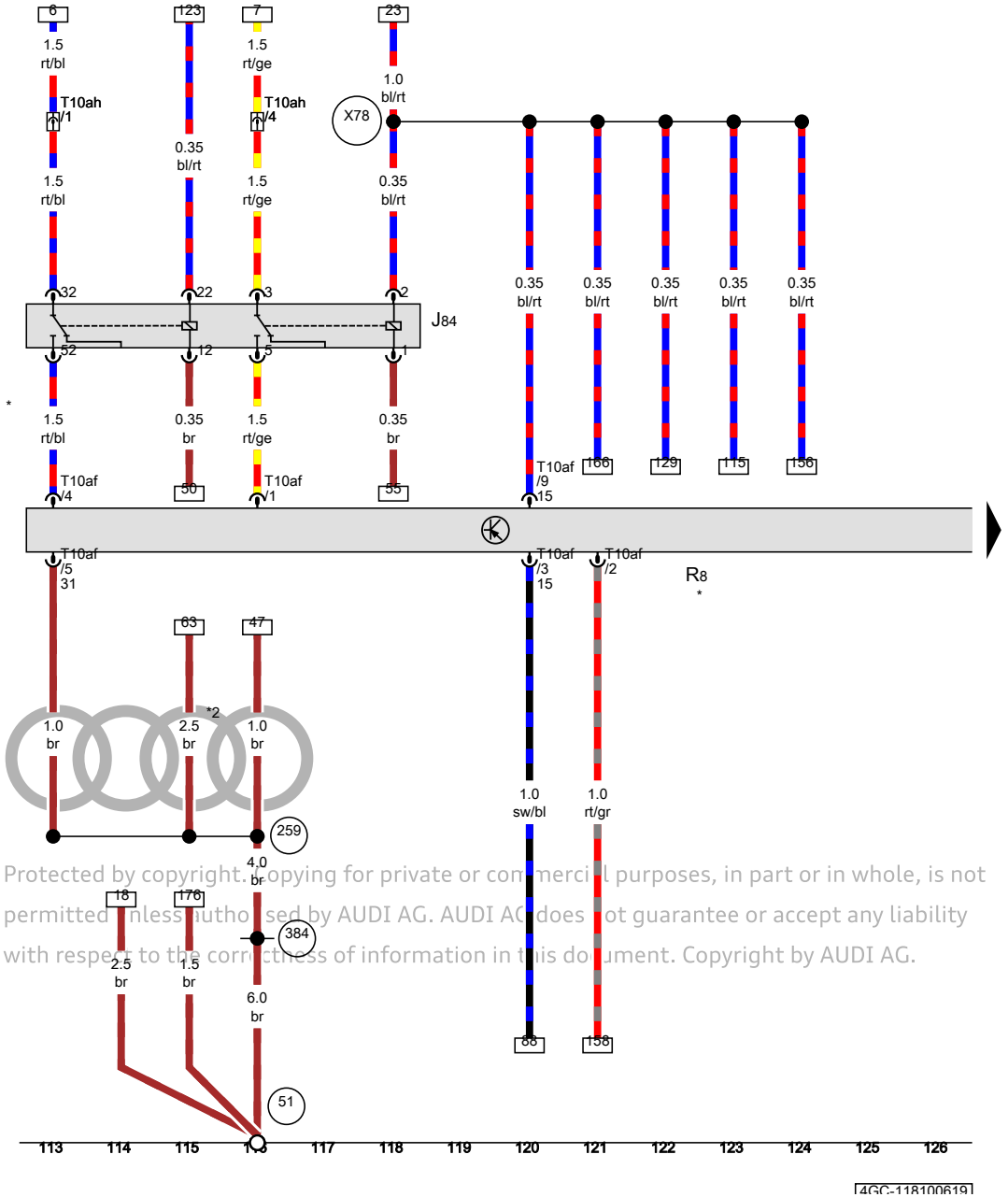


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Front right rotating light bulb, Front left rotating light bulb, 12 V socket 5, 12 V socket 6

L112	Front right rotating light bulb
L271	Front left rotating light bulb
T2mo	2-pin connector, white
T2pf	2-pin connector, black
T2pg	2-pin connector, blue
T2ph	2-pin connector, blue
T10ah	10-pin connector, in luggage compartment, rear right
U26	12 V socket 5
U33	12 V socket 6
34	Earth point, under driver seat
35	Earth point, under front passenger seat
371	Earth connection 6, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
688	Earth point 2, on centre tunnel
X245	Connection 1 in special vehicle wiring harness
X249	Connection 5 in special vehicle wiring harness
*	According to equipment

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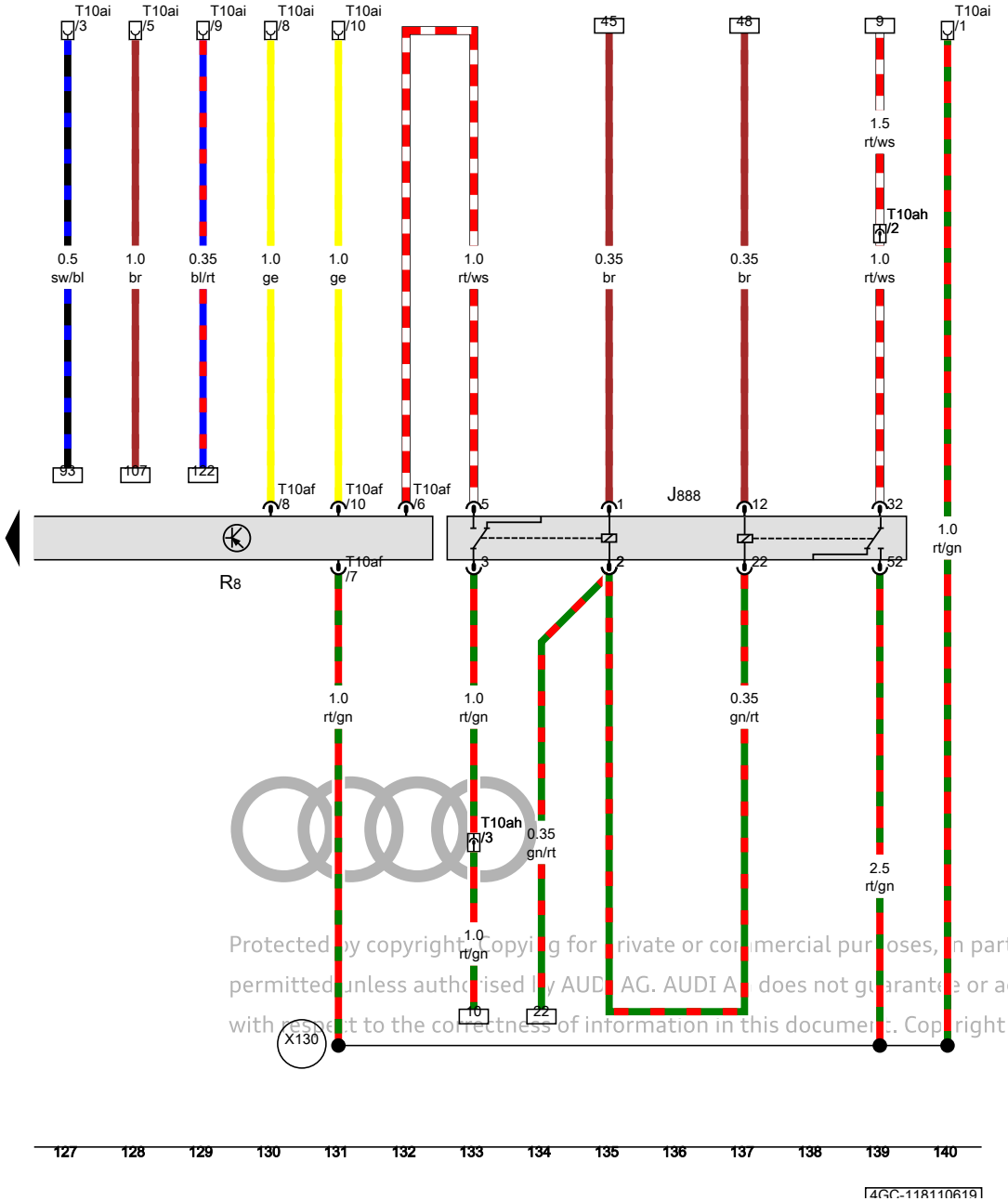
Two-way radio voltage relay, Two-way radio

J84	Two-way radio voltage relay
R8	Two-way radio
T10af	10-pin connector, red
T10ah	10-pin connector, in luggage compartment, rear right
51	Earth point, on right in luggage compartment
259	Earth connection 2, in optional equipment wiring harness
384	Earth connection 19, in main wiring harness
X78	Connection 1, in optional equipment wiring harness
*	Pre-wired component
*2	According to equipment

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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Two-way radio voltage relay 2, Two-way radio

J888	Two-way radio voltage relay 2
R8	Two-way radio
T10af	10-pin connector, red
T10ah	10-pin connector, in luggage compartment, rear right
T10ai	10-pin connector, on right in dash panel
X130	Connection 3, in optional equipment wiring harness

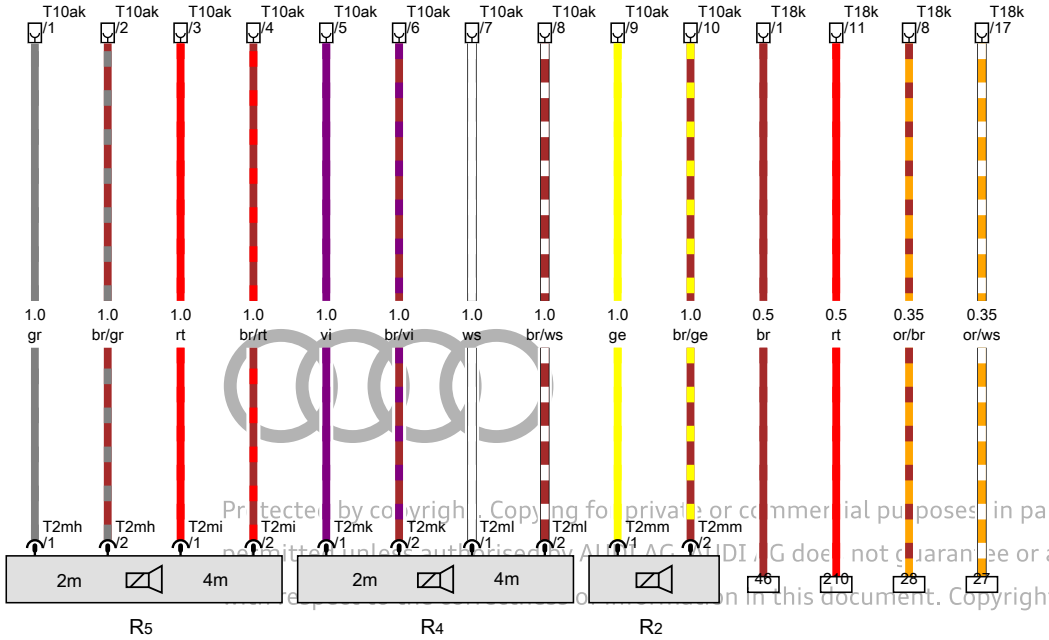


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rs = pink

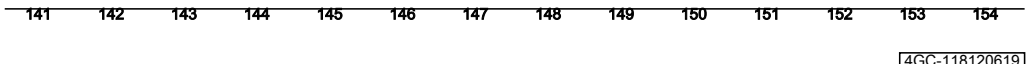
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Front left loudspeaker, Rear left loudspeaker, Rear right loudspeaker

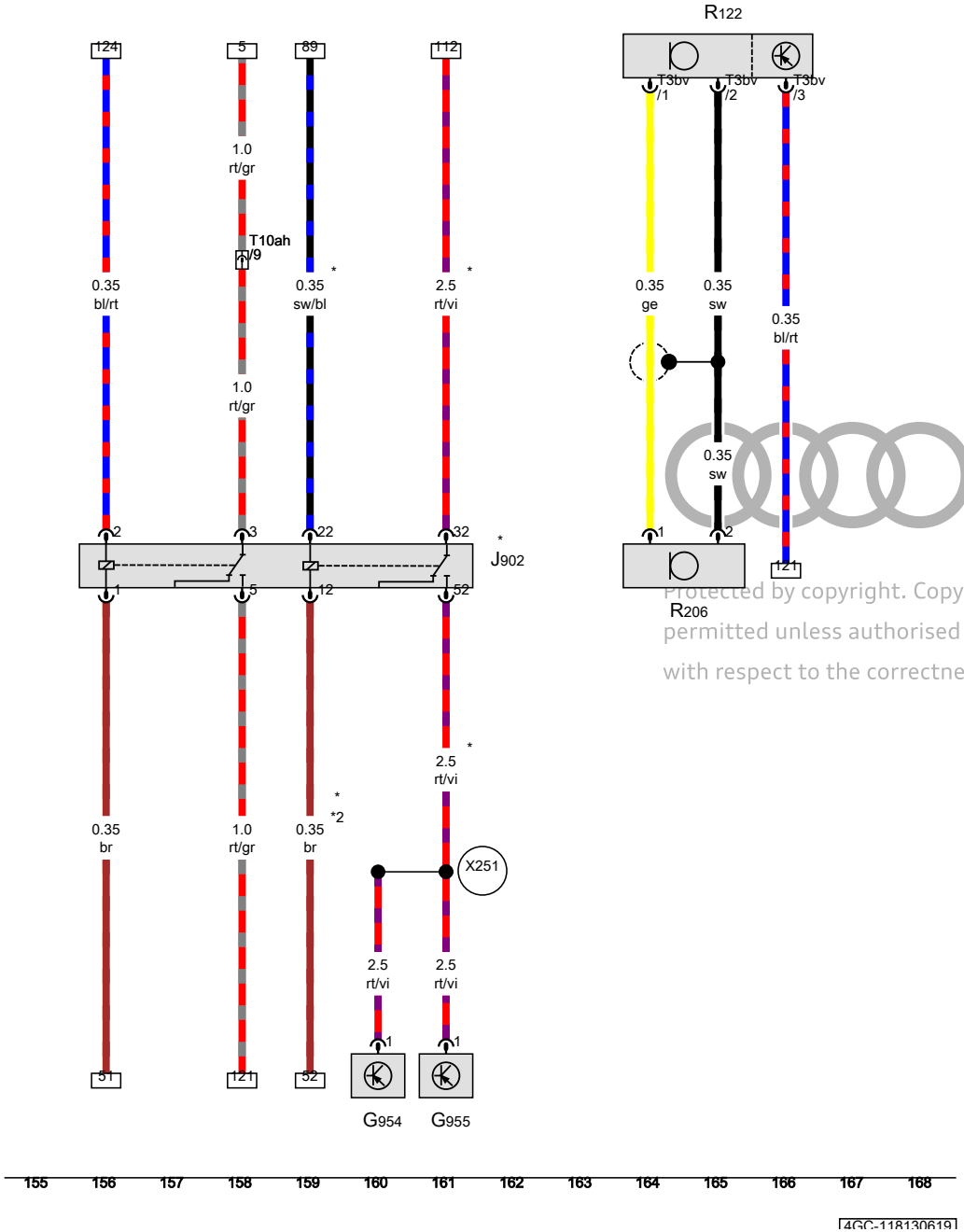
R2	Front left loudspeaker
R4	Rear left loudspeaker
R5	Rear right loudspeaker
T2mh	2-pin connector, black
T2mi	2-pin connector
T2mk	2-pin connector, red
T2ml	2-pin connector
T2mm	2-pin connector
T10ak	10-pin connector, lower part of B-pillar, front passenger side
T18k	18-pin connector



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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Front stop command light, Rear stop command light, Relay for front "stop" command light, 2-way radio unit microphone, Voice command microphone

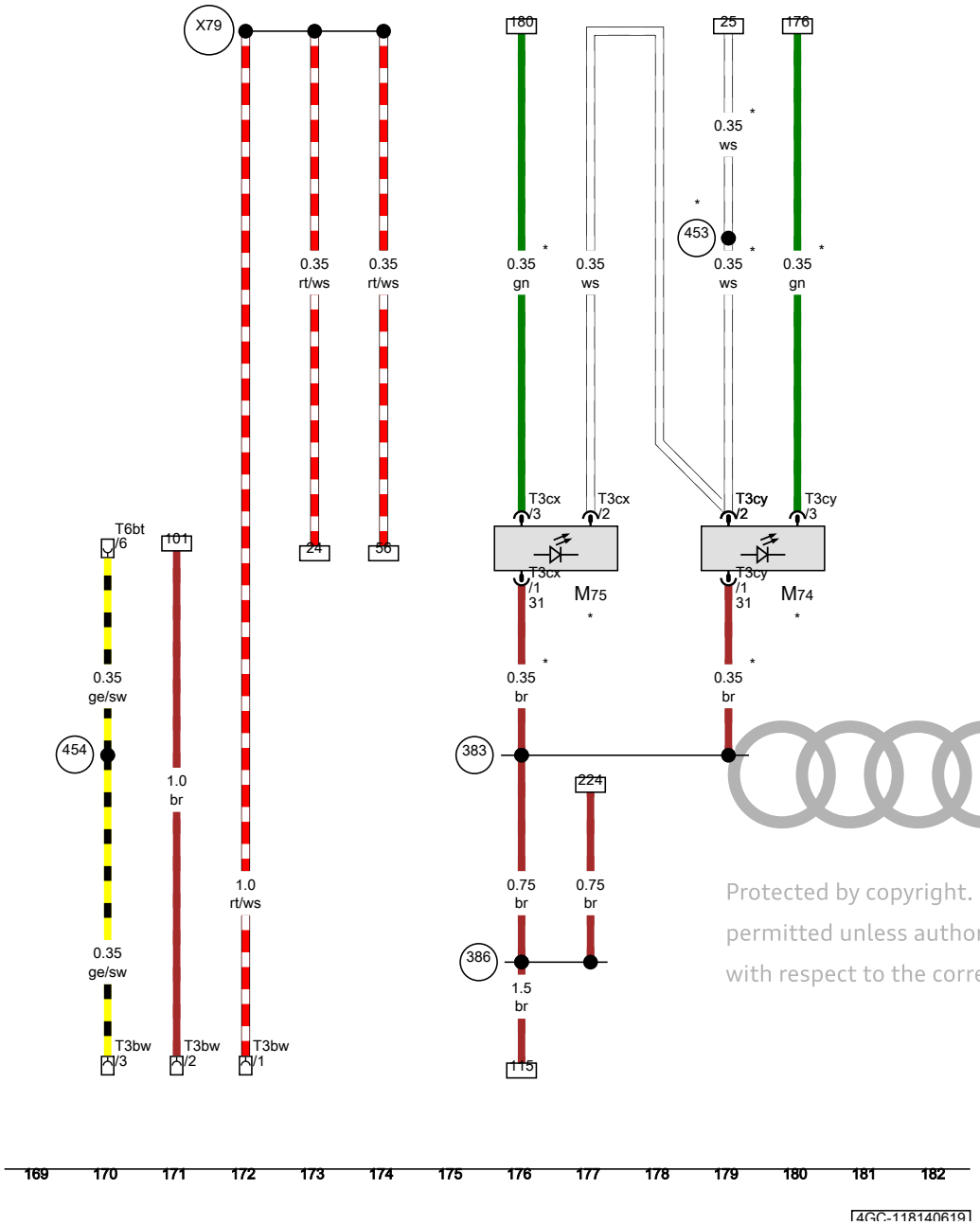
G954	Front stop command light
G955	Rear stop command light
J902	Relay for front "stop" command light
R122	2-way radio unit microphone
R206	Voice command microphone, in left A-pillar
T3bv	3-pin connector, black
T10ah	10-pin connector, in luggage compartment, rear right
X251	Connection 7 in special vehicle wiring harness
*	According to equipment
*2	Wiring colour depends on equipment

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vi	=	purple
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or	=	orange
rs	=	pink

Right flashing light in rear lid, Left flashing light in rear lid

M74	Right flashing light in rear lid
M75	Left flashing light in rear lid
T3bw	3-pin connector, Coupling point for front speed camera
T3cx	3-pin connector, black
T3cy	3-pin connector, black
T6bt	6-pin connector
383	Earth connection 18, in main wiring harness
386	Earth connection 21, in main wiring harness
453	Earth connection 3, in optional equipment wiring harness
454	Earth connection 4, in optional equipment wiring harness
X79	Connection 2, in optional equipment wiring harness
*	Avant



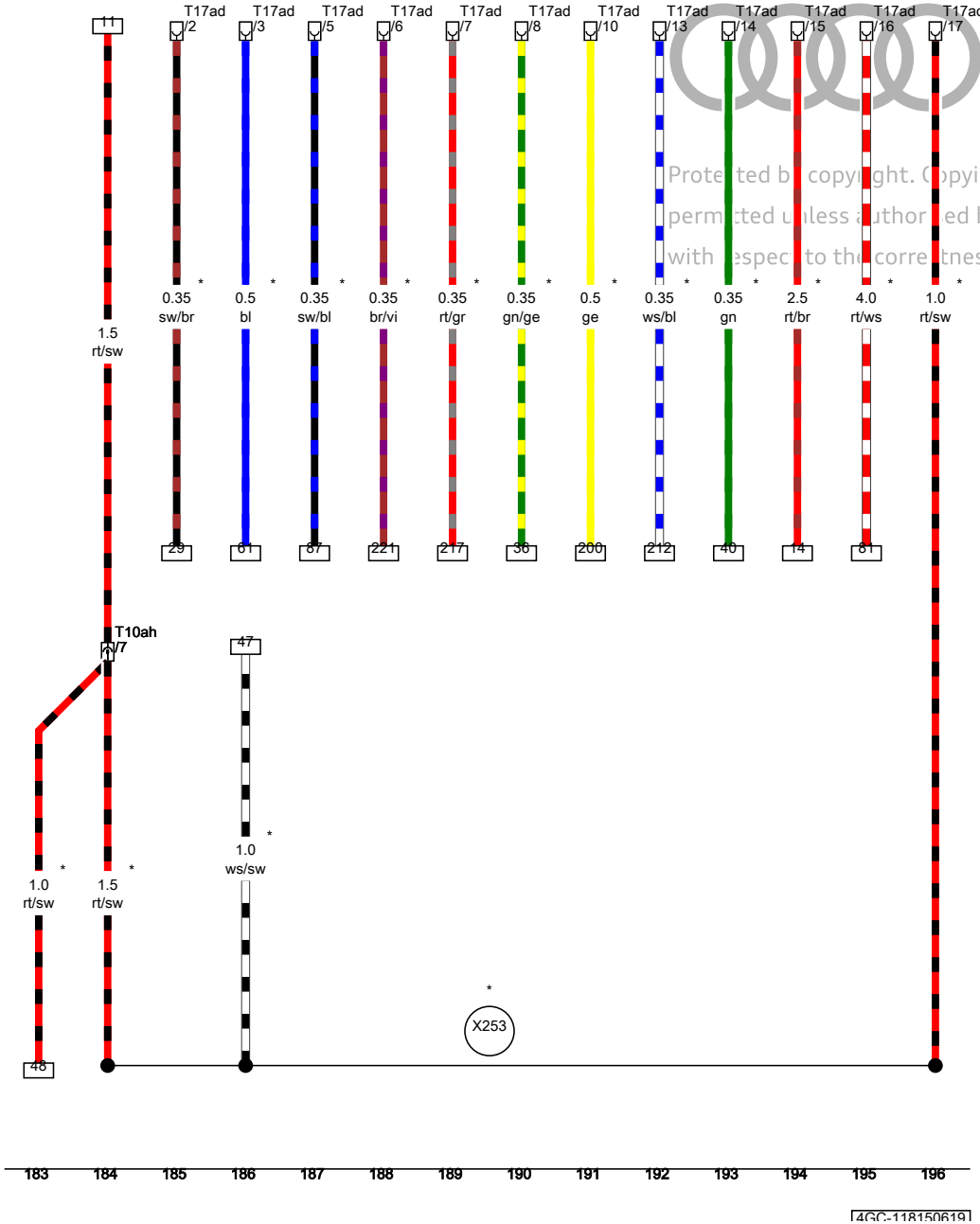
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gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Connection 9 in special vehicle wiring harness

T10ah 10-pin connector, in luggage compartment, rear right
T17ad 17-pin connector, blue
X253 Connection 9 in special vehicle wiring harness
* According to equipment

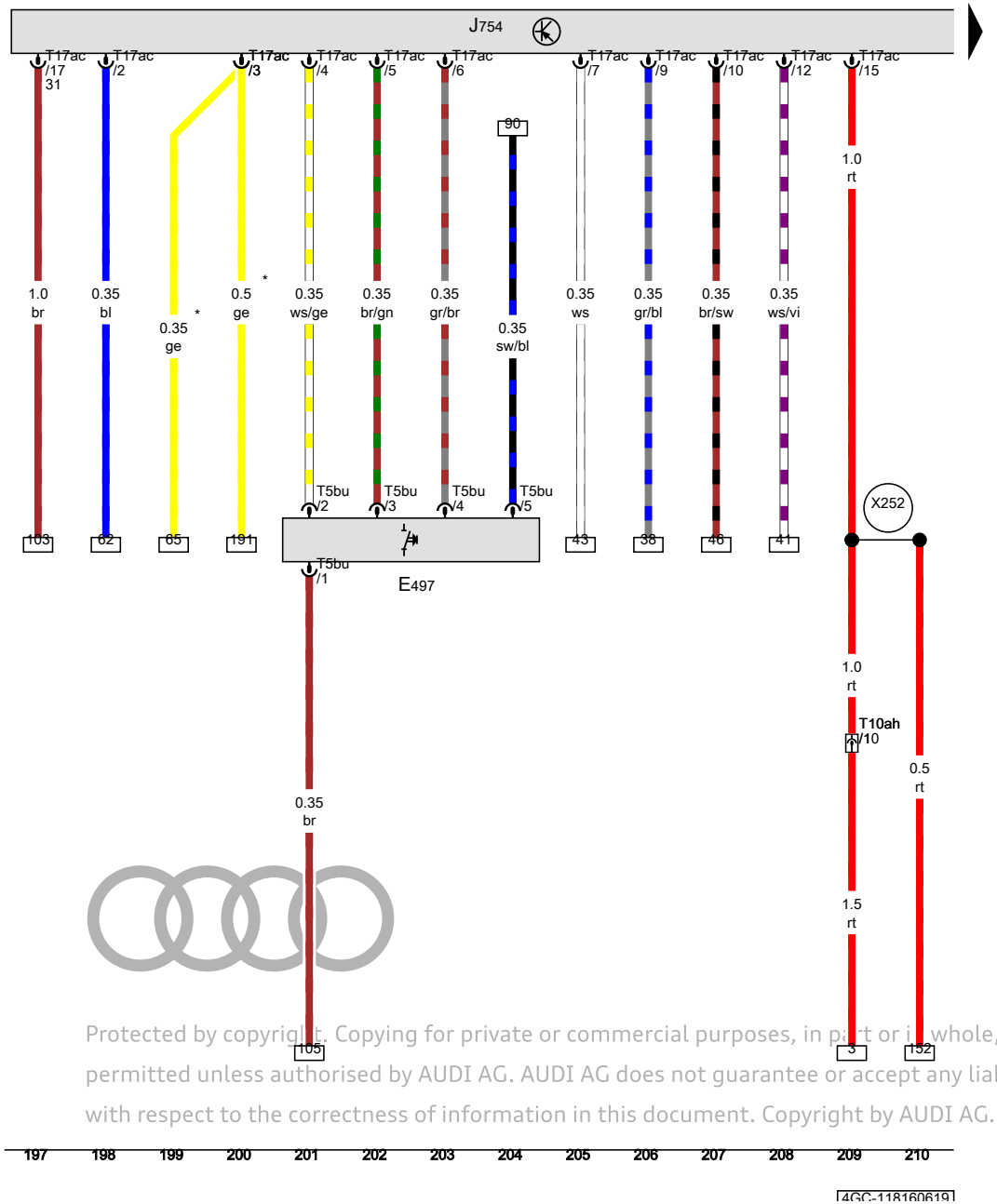
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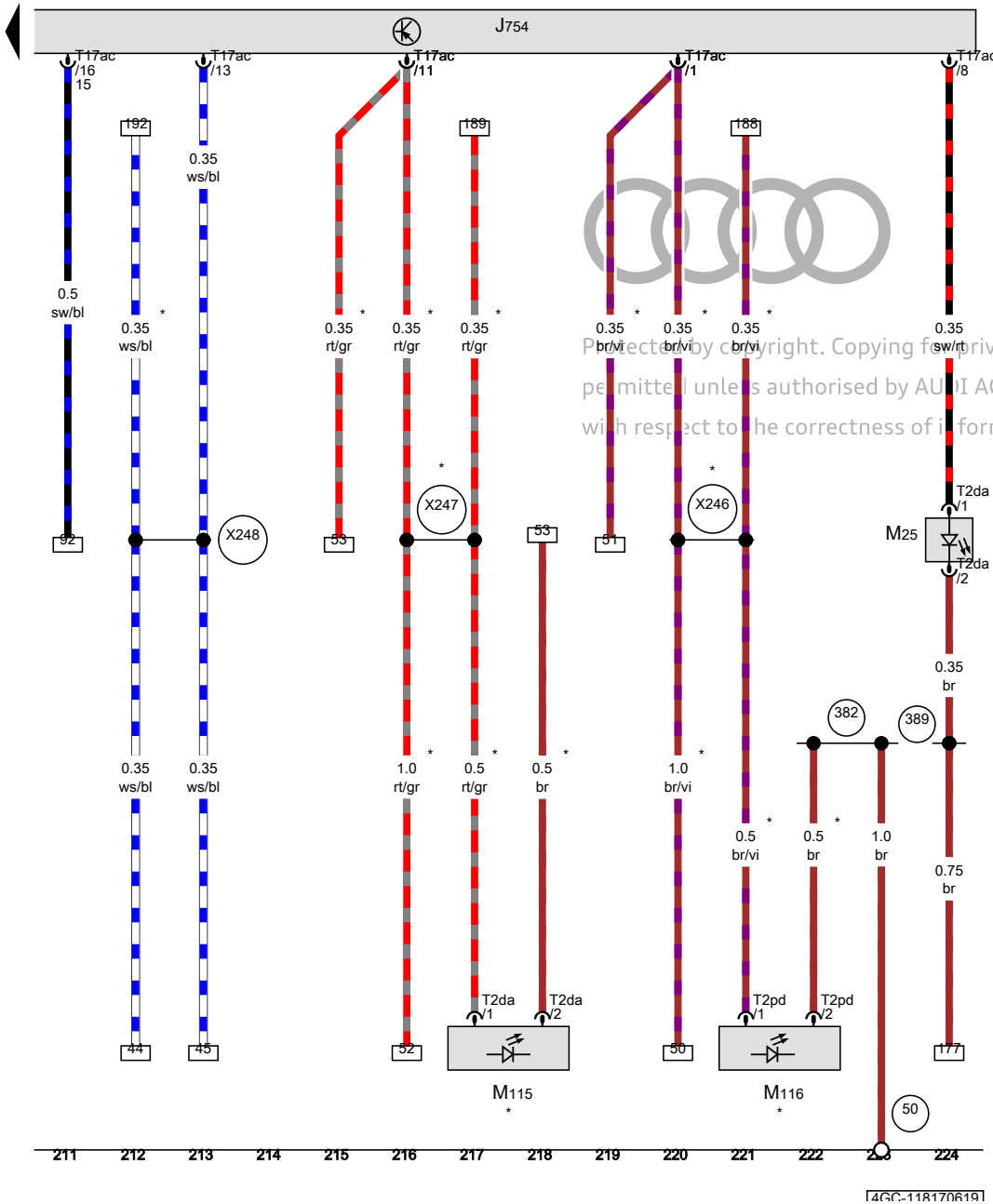
Accident data recorder button, Accident data memory

E497	Accident data recorder button
J754	Accident data memory
T5bu	5-pin connector, black
T10ah	10-pin connector, in luggage compartment, rear right
T17ac	17-pin connector, blue
X252	Connection 8 in special vehicle wiring harness
*	According to equipment



ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Accident data memory, High-level brake light bulb, Left additional turn signal, Right additional turn signal

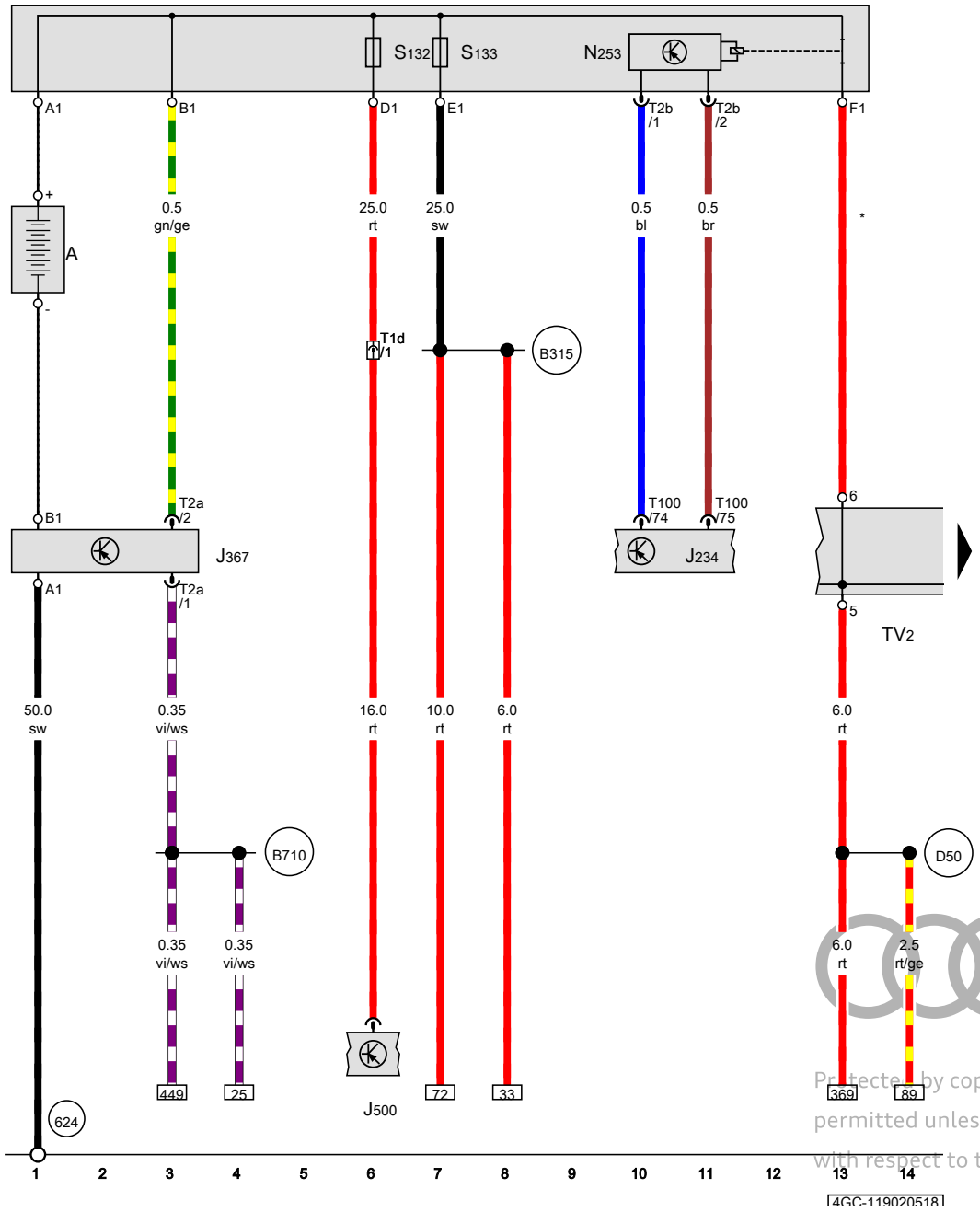
J754	Accident data memory
M25	High-level brake light bulb
M115	Left additional turn signal
M116	Right additional turn signal
T2da	2-pin connector, red
T2pd	2-pin connector, black
T17ac	17-pin connector, blue
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness
389	Earth connection 24, in main wiring harness
X246	Connection 2 in special vehicle wiring harness
X247	Connection 3 in special vehicle wiring harness
X248	Connection 4 in special vehicle wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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4.0l petrol engine , CTGB,CTGE

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or = orange
rs = pink

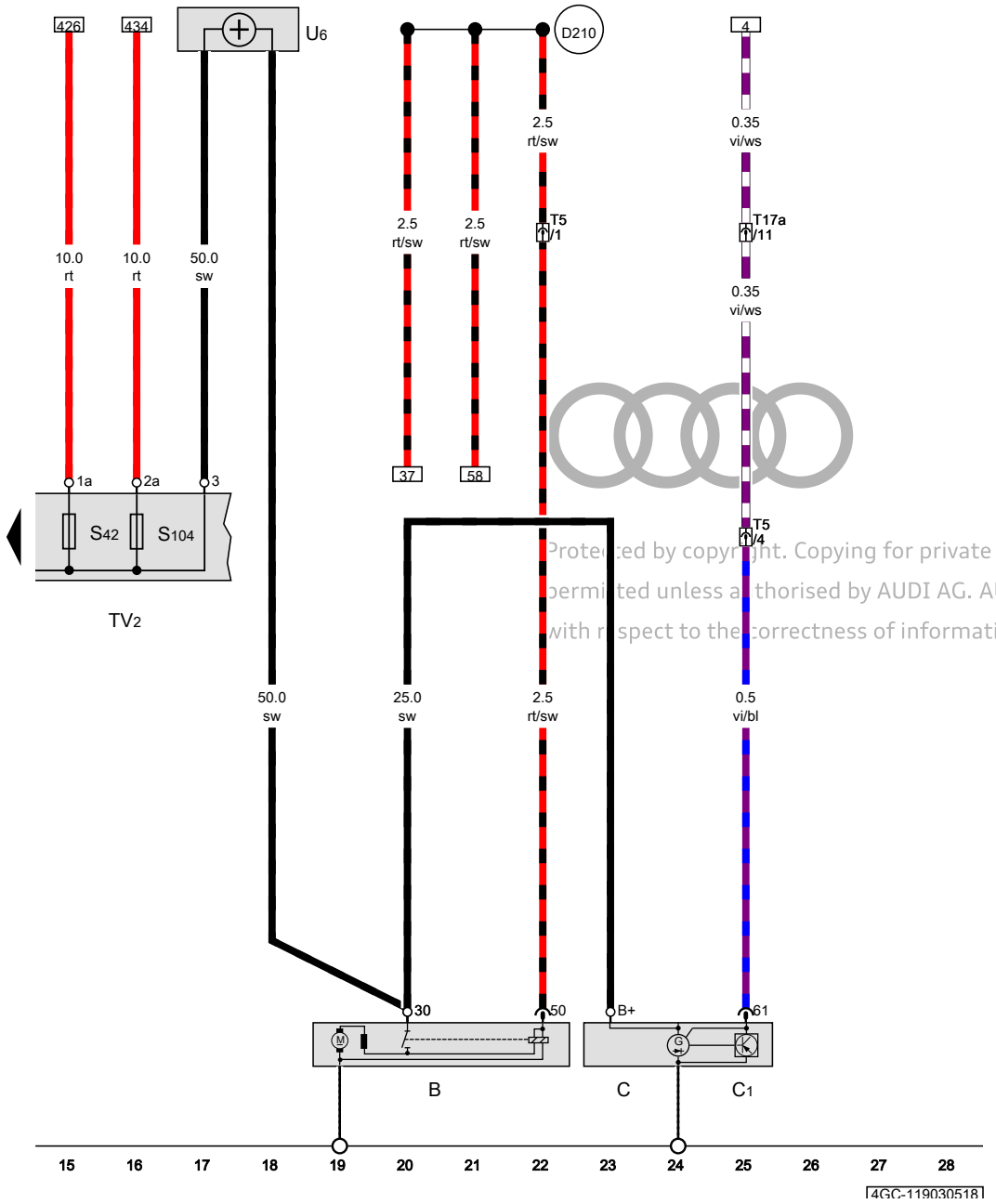
Battery, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Flat conductor

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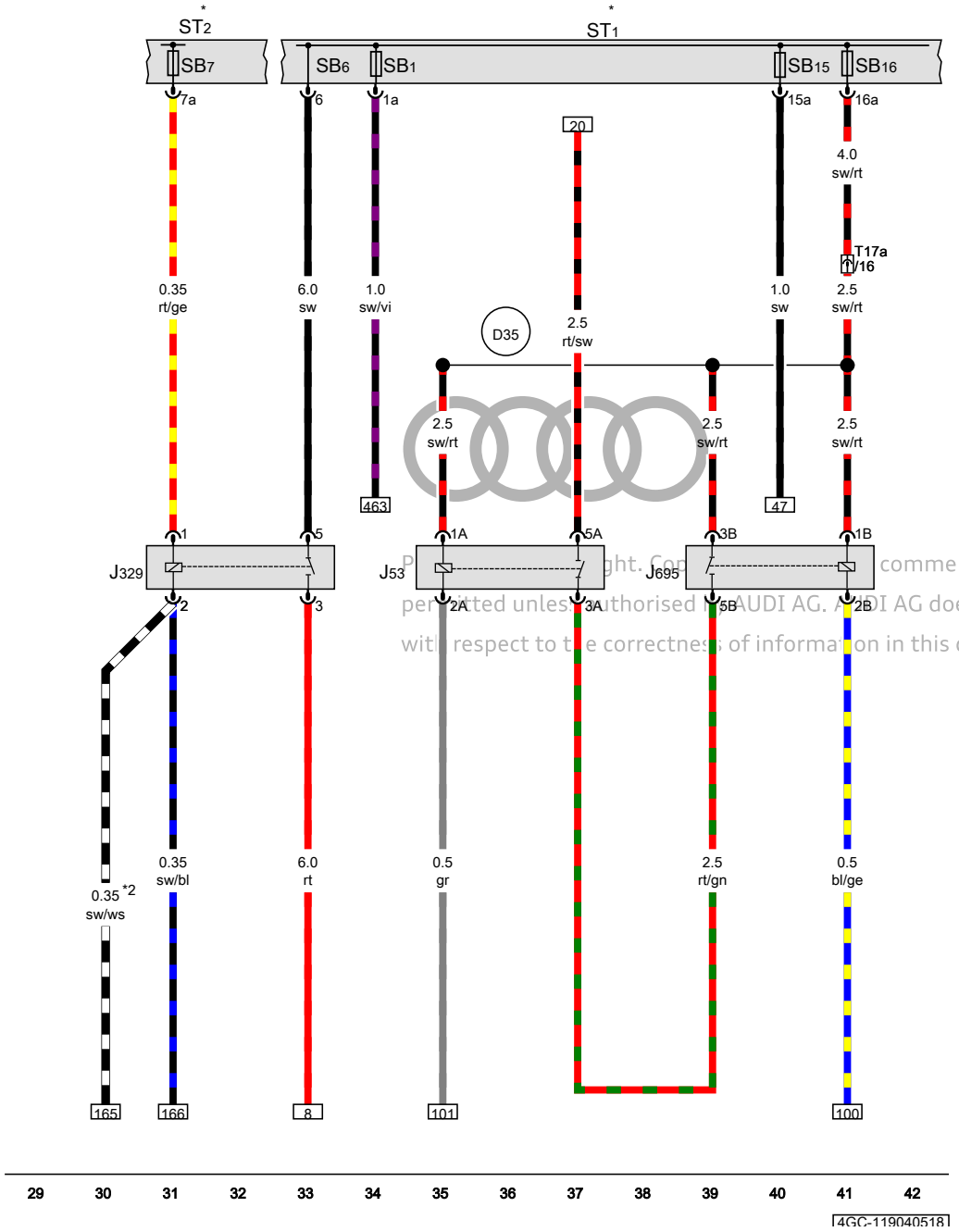
Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
U6	Jump start socket
D210	Connection (50), in engine compartment wiring harness



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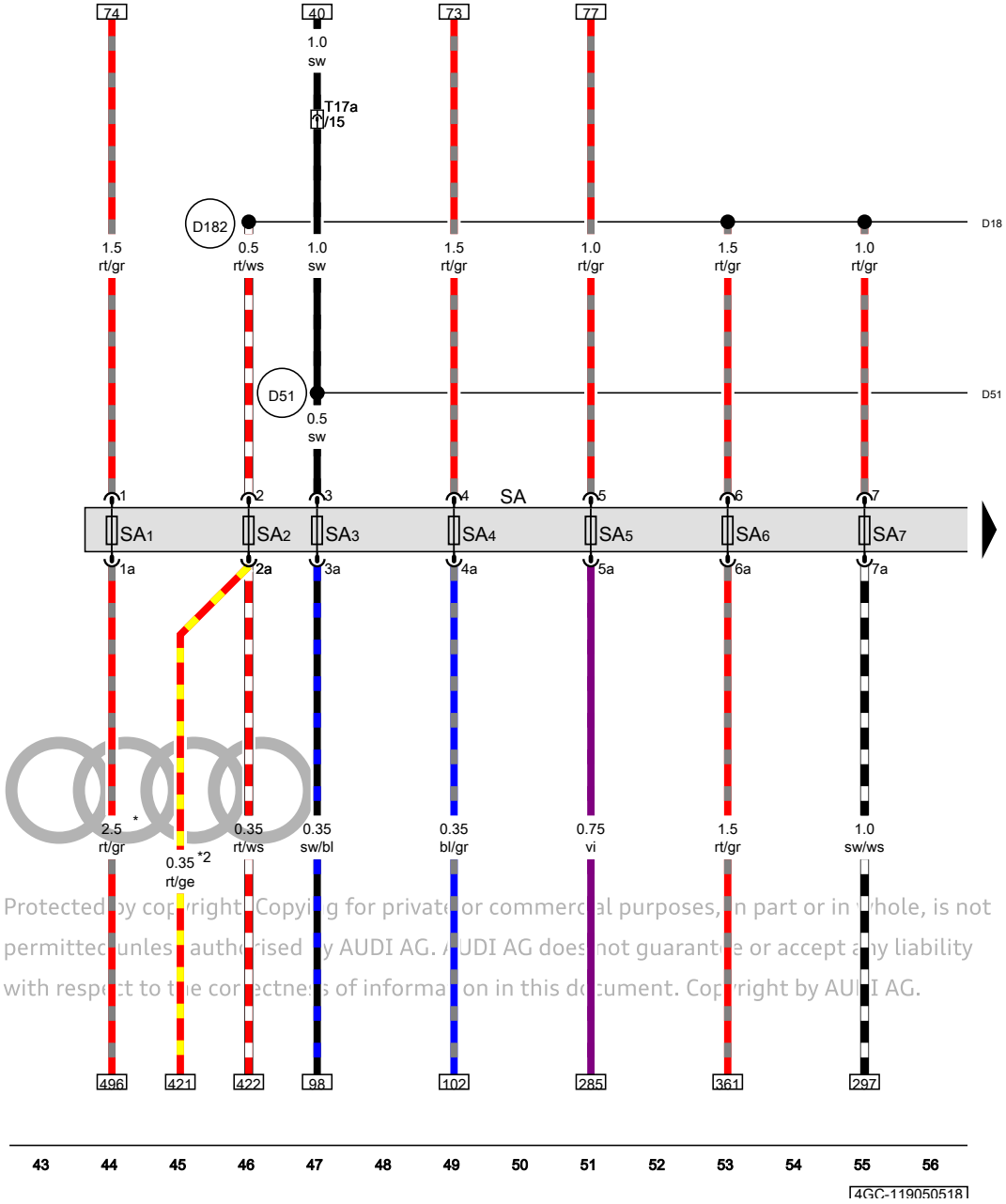


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models

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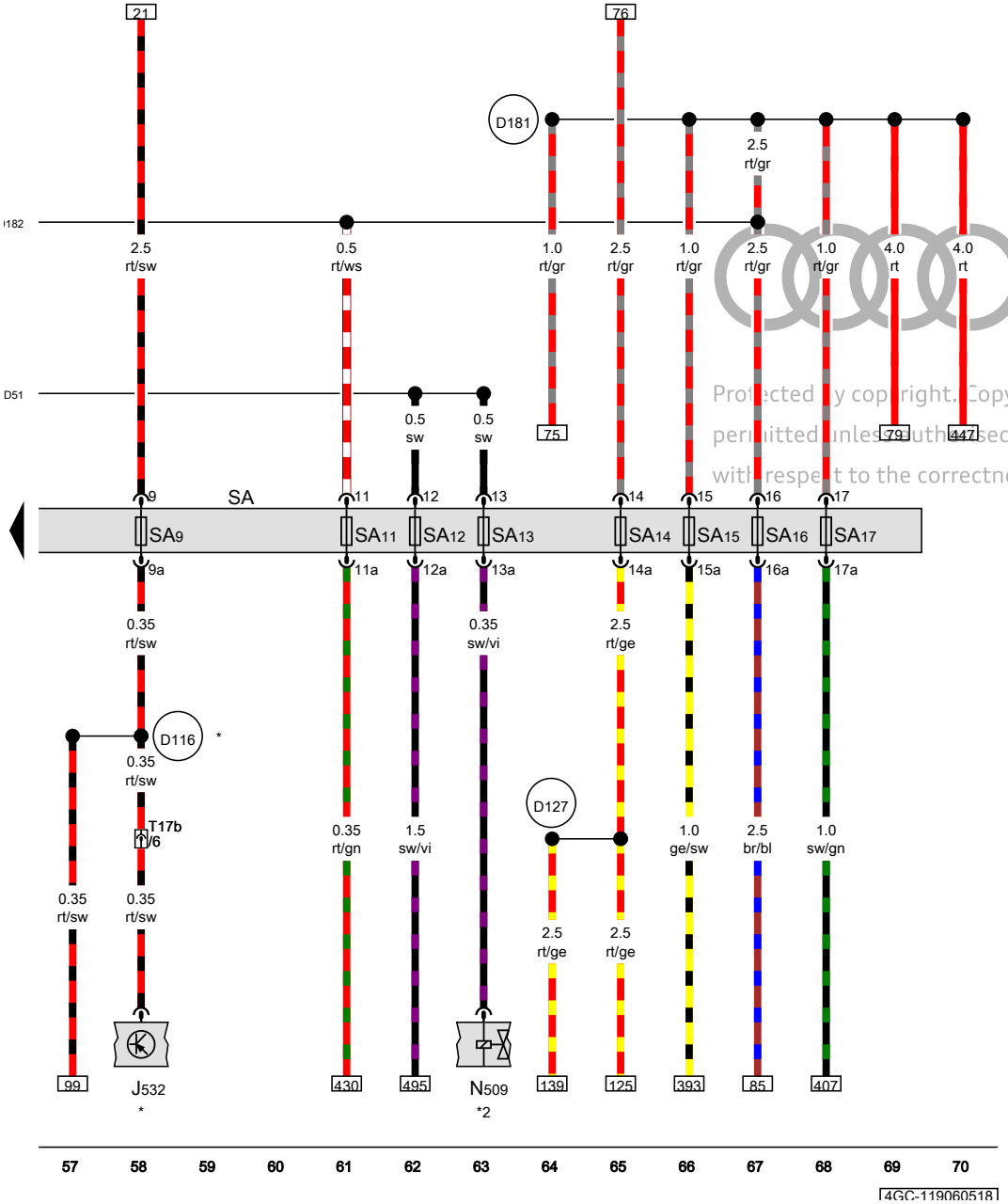


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Fuse holder A

SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D51	Positive connection 1 (15), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Cross section depends on equipment
*2	gradual introduction

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sw	=	black
ro	=	red
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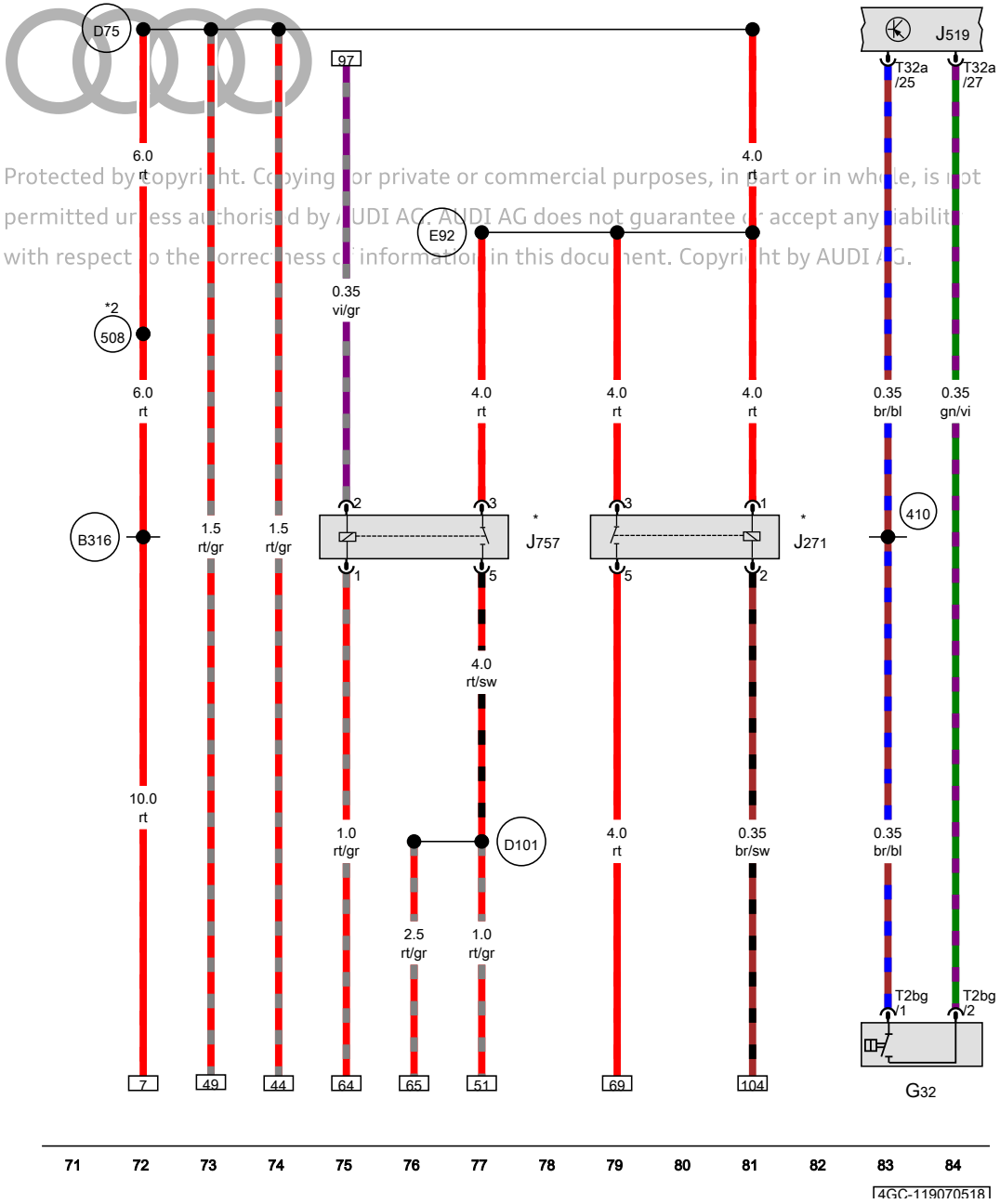
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Fuse holder A

J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D127	Connection 25 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	For models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

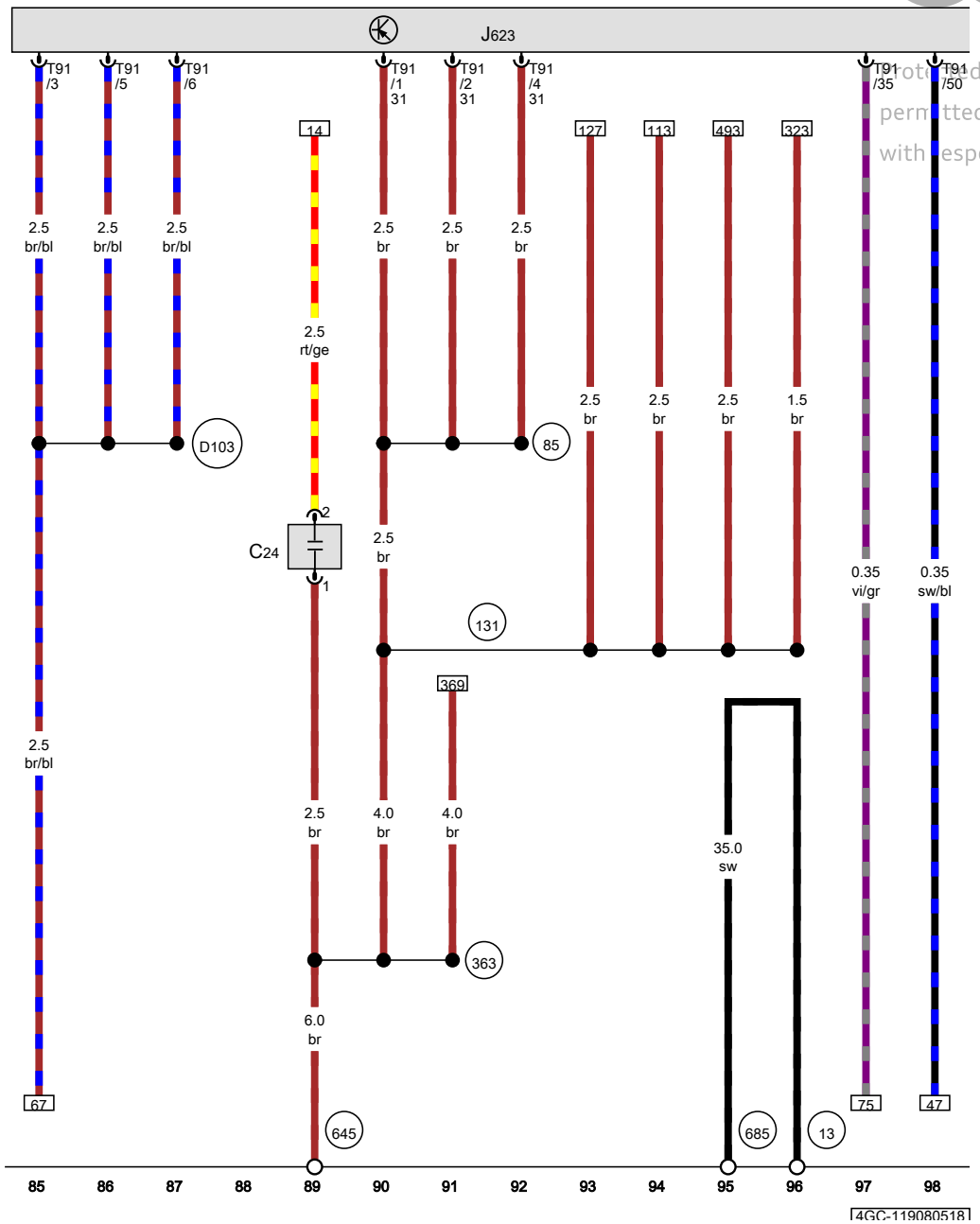
Coolant shortage indicator sender, Main relay, Onboard supply control unit, Engine component current supply relay



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G32	Coolant shortage indicator sender
J271	Main relay
J519	Onboard supply control unit
J757	Engine component current supply relay
T2bg	2-pin connector
T32a	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
508	Threaded connection (30) on E-box
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	Threaded connection, in E-box in plenum chamber

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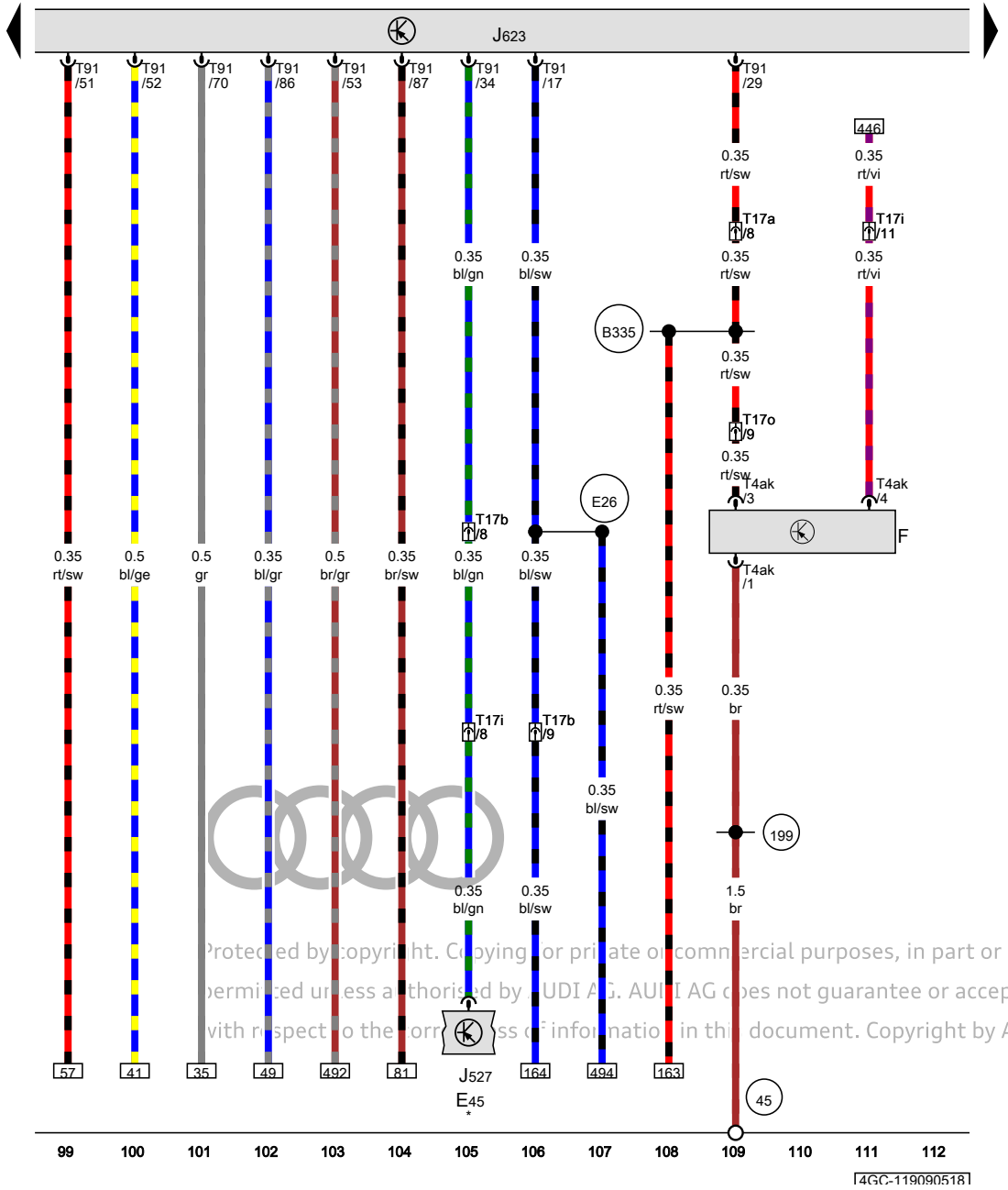
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Suppression filter, Engine/motor control unit

C24 Suppression filter
J623 Engine/motor control unit
T91 91-pin connector, black

13 Earth point, on right in engine compartment
85 Earth connection 1, in engine compartment wiring harness
131 Earth connection 2, in engine compartment wiring harness
363 Earth connection 8, in engine compartment wiring harness
645 Earth point 1, on bulkhead
685 Earth point 1, on front of right longitudinal member
D103 Connection 3 in engine compartment wiring harness

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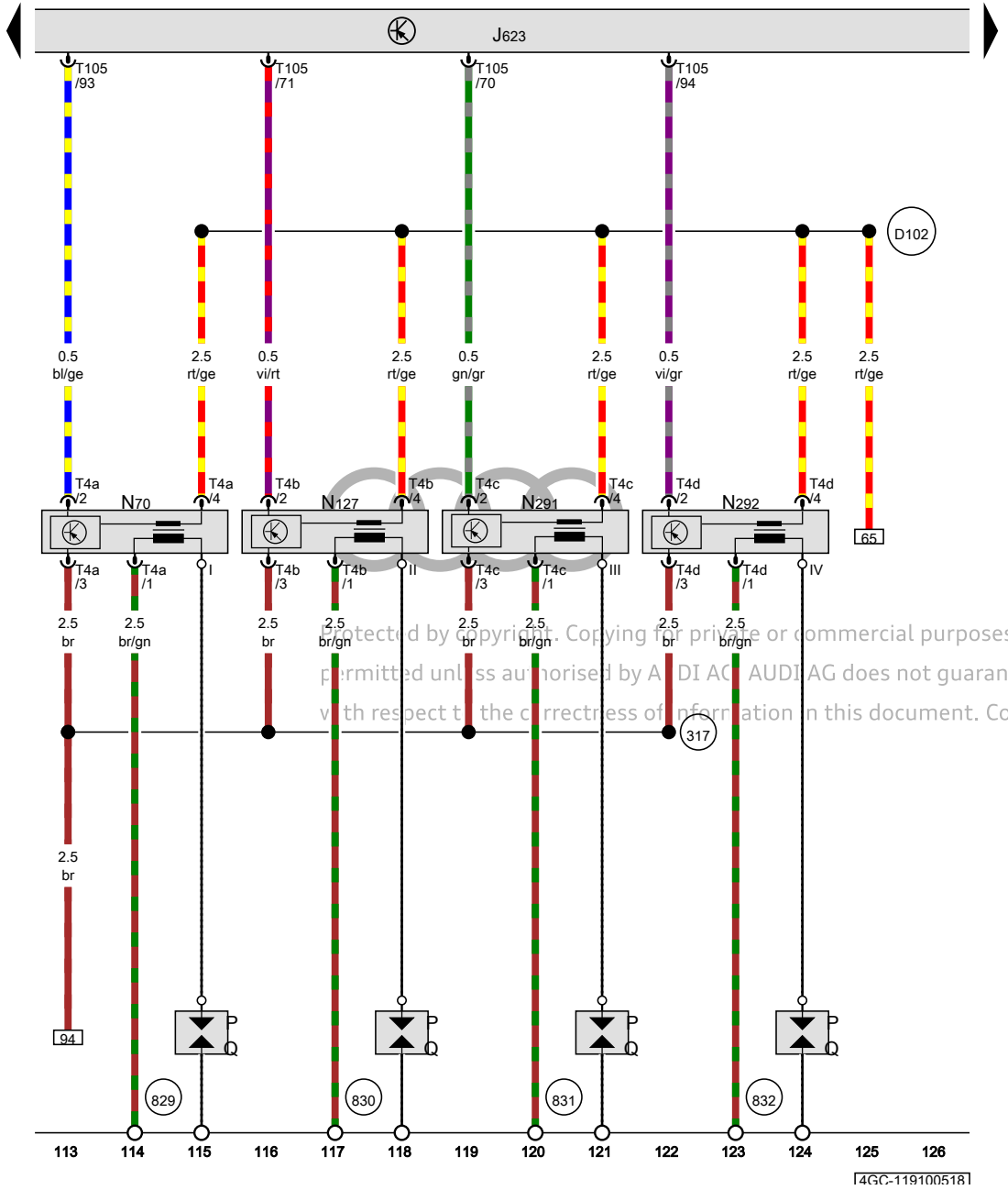
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Brake light switch, Engine/motor control unit

E45	Cruise control system switch
F	Brake light switch
J527	Steering column electronics control unit
J623	Engine/motor control unit
T4ak	4-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with cruise control system (CCS)

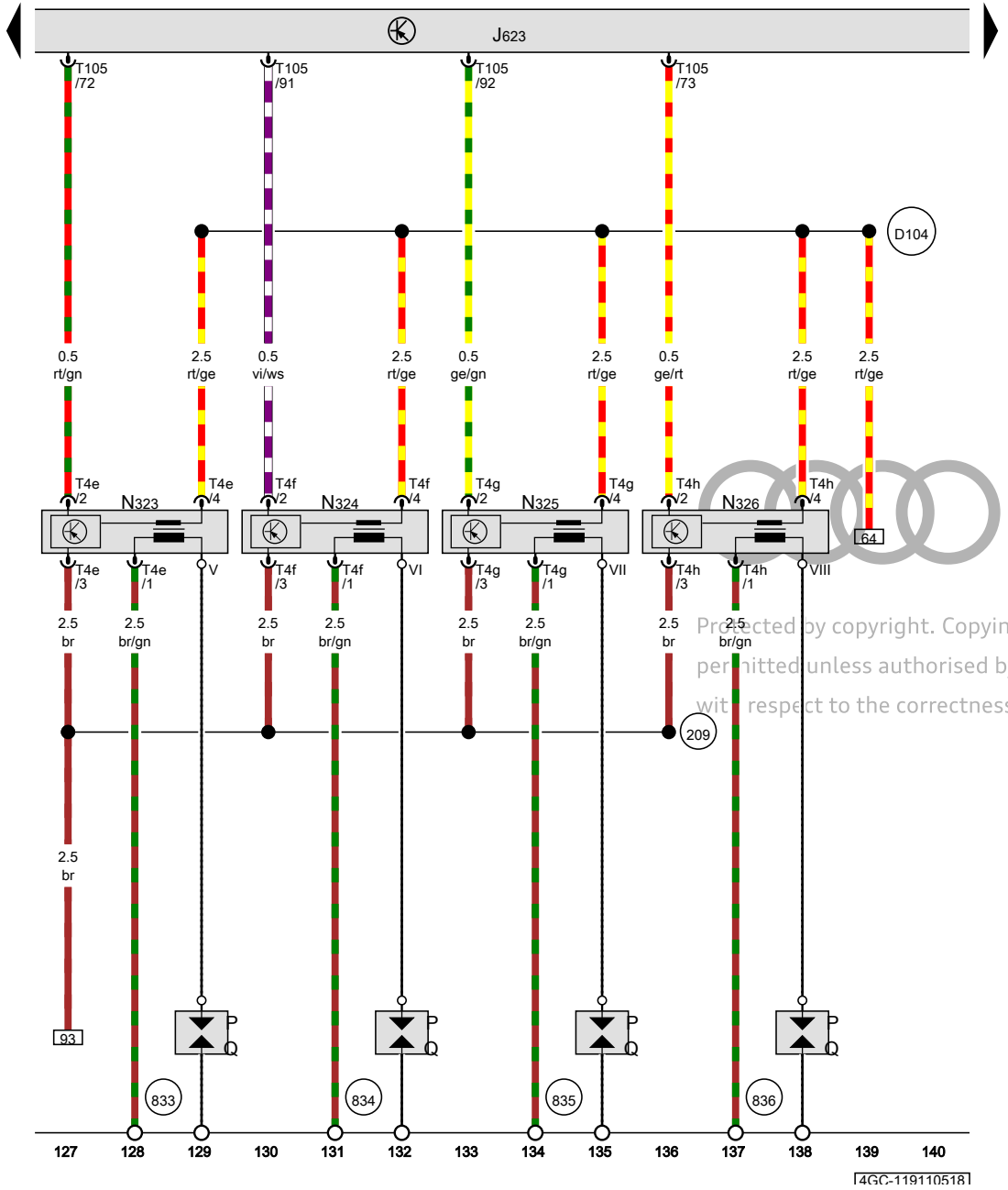
Engine/motor control unit, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T105	105-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
829	Earth point 1, on cylinder head
830	Earth point 2, on cylinder head
831	Earth point 3, on cylinder head
832	Earth point 4, on cylinder head
D102	Connection 2 in engine compartment wiring harness



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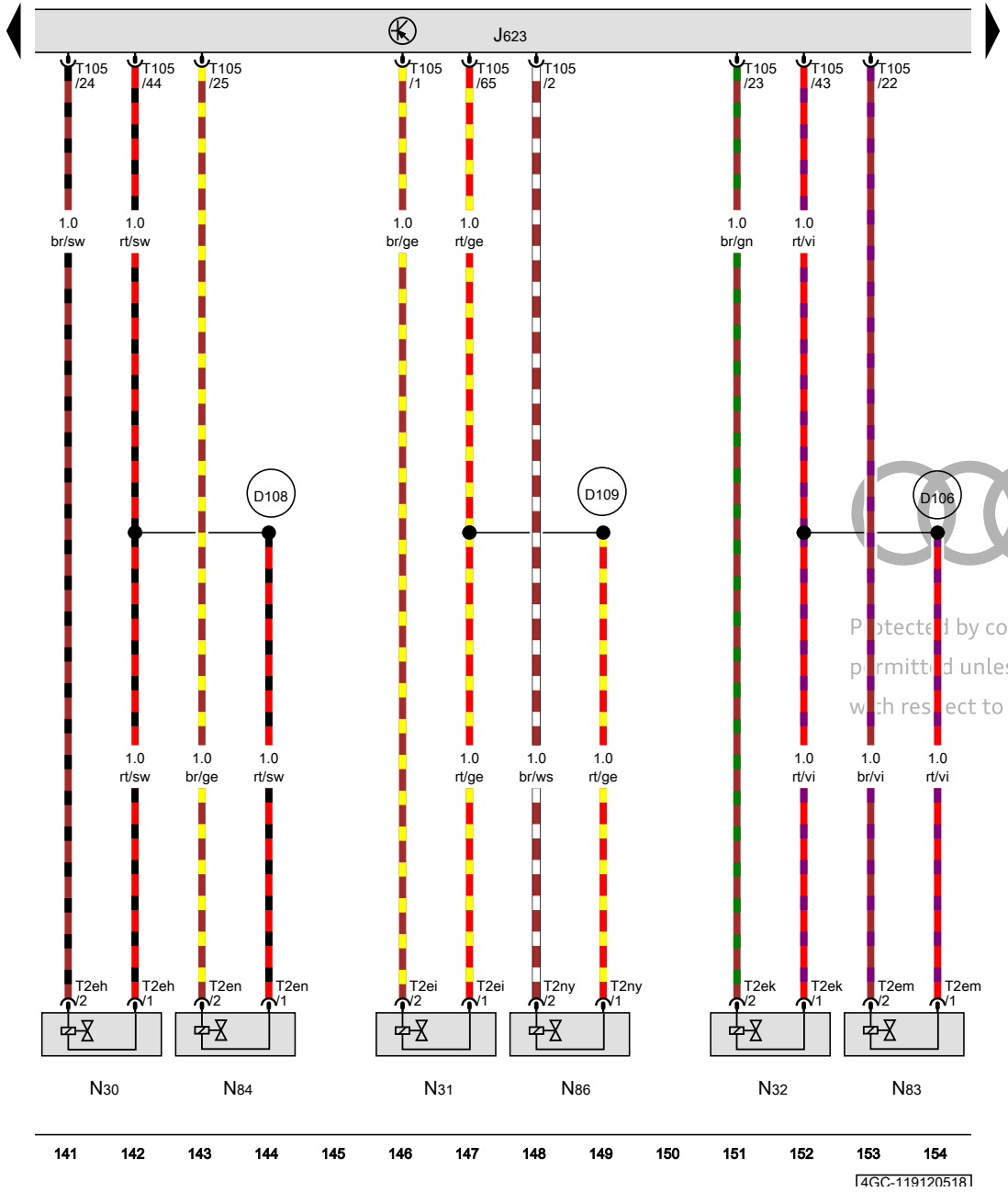


Engine/motor control unit, Ignition coil 5 with output stage, Spark plug connector, Spark plugs

J623	Engine/motor control unit
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
N325	Ignition coil 7 with output stage
N326	Ignition coil 8 with output stage
P	Spark plug connector
Q	Spark plugs
T4e	4-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T4h	4-pin connector, black
T105	105-pin connector, black
209	Earth connection 6, in engine compartment wiring harness
833	Earth point 5, on cylinder head
834	Earth point 6, on cylinder head
835	Earth point 7, on cylinder head
836	Earth point 8, on cylinder head
D104	Positive connection 2 (30a), in engine compartment wiring harness

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Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 5, Injector, cylinder 6, Injector, cylinder 8

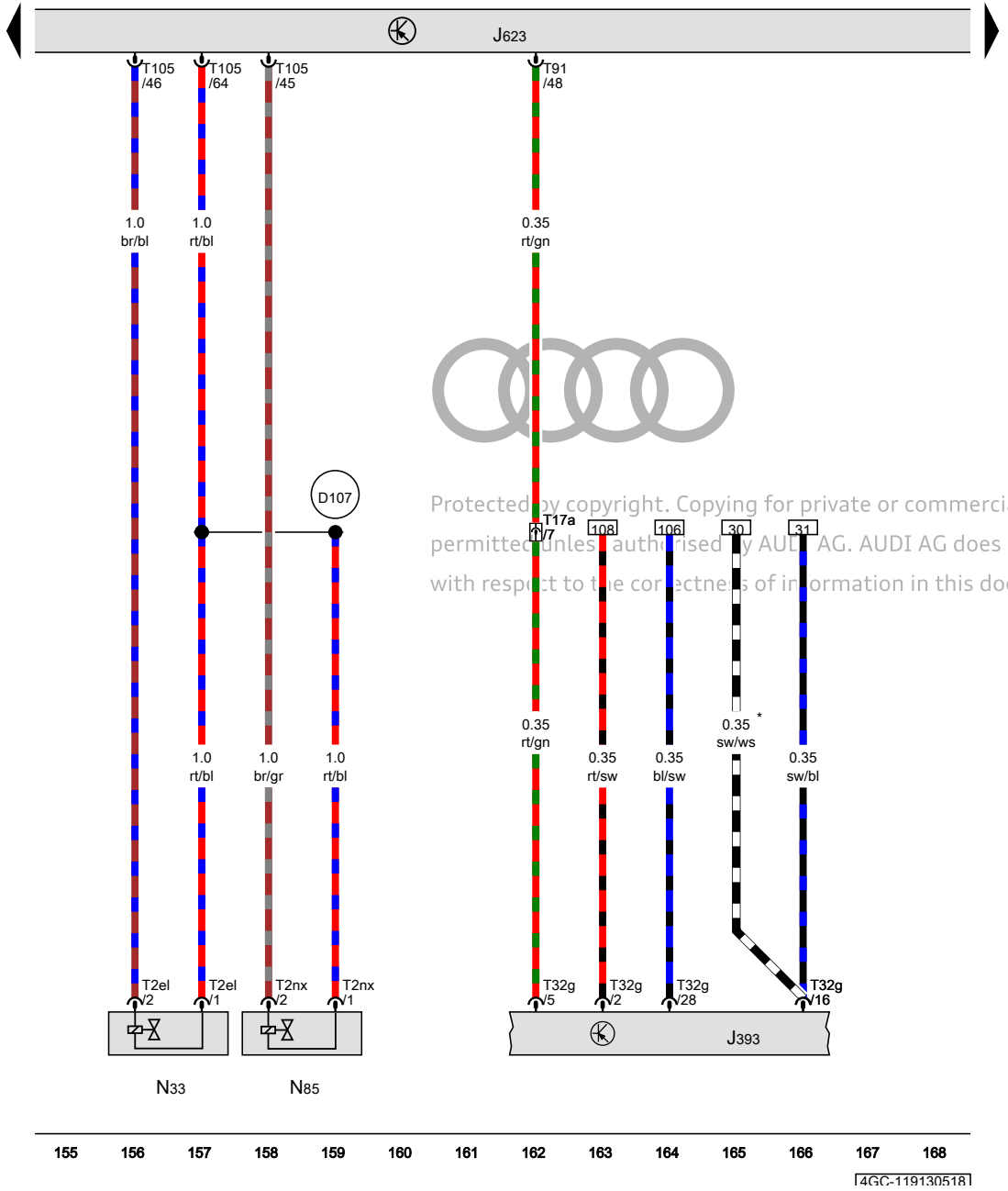
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T2ny	2-pin connector
T105	105-pin connector, black
D106	Connection 4 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

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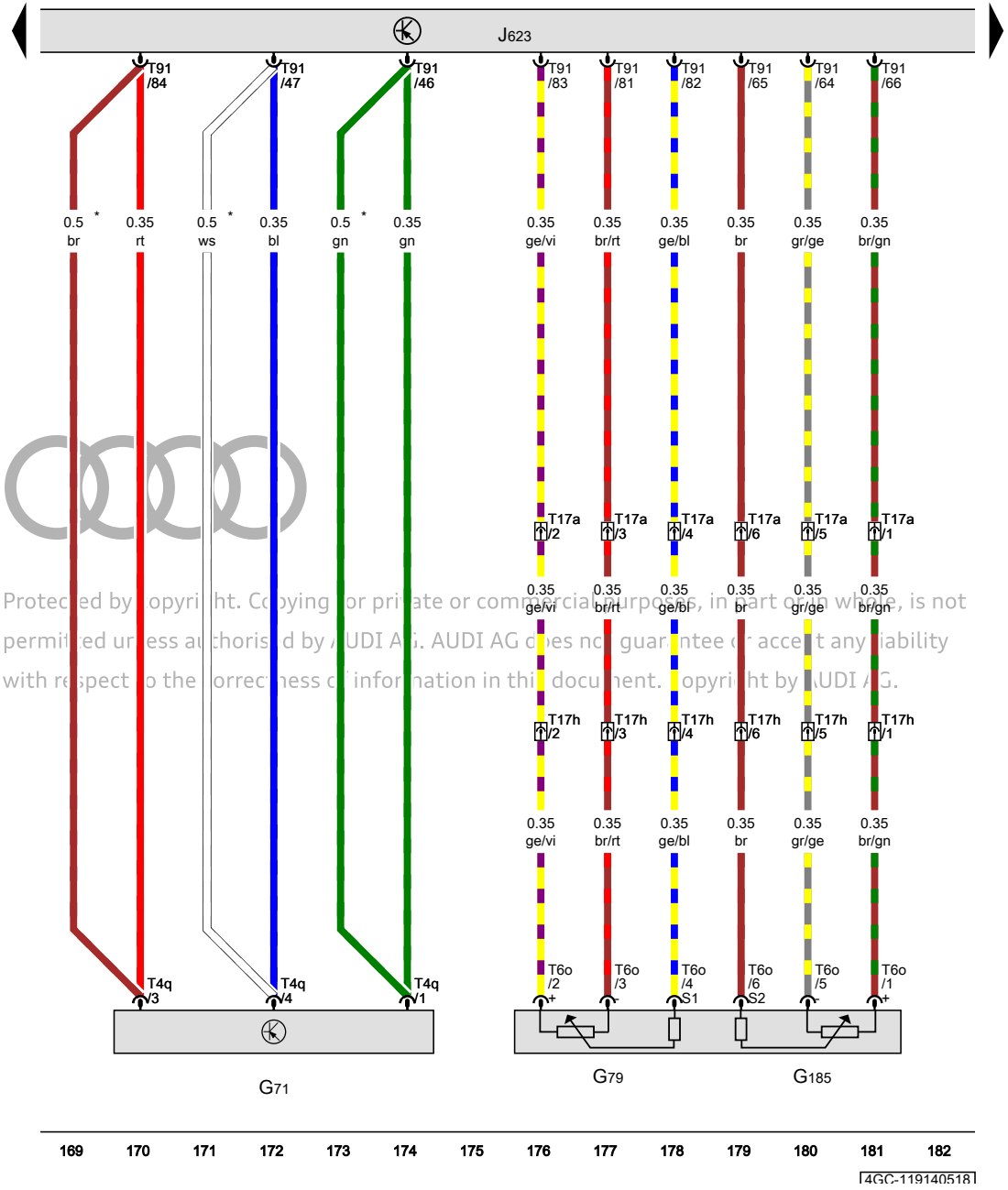
Engine/motor control unit, Injector, cylinder 4, Injector, cylinder 7

J393	Convenience system central control unit
J623	Engine/motor control unit
N33	Injector, cylinder 4
N85	Injector, cylinder 7
T2el	2-pin connector
T2nx	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32g	32-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D107	Connection 5 in engine compartment wiring harness
*	For right-hand drive models



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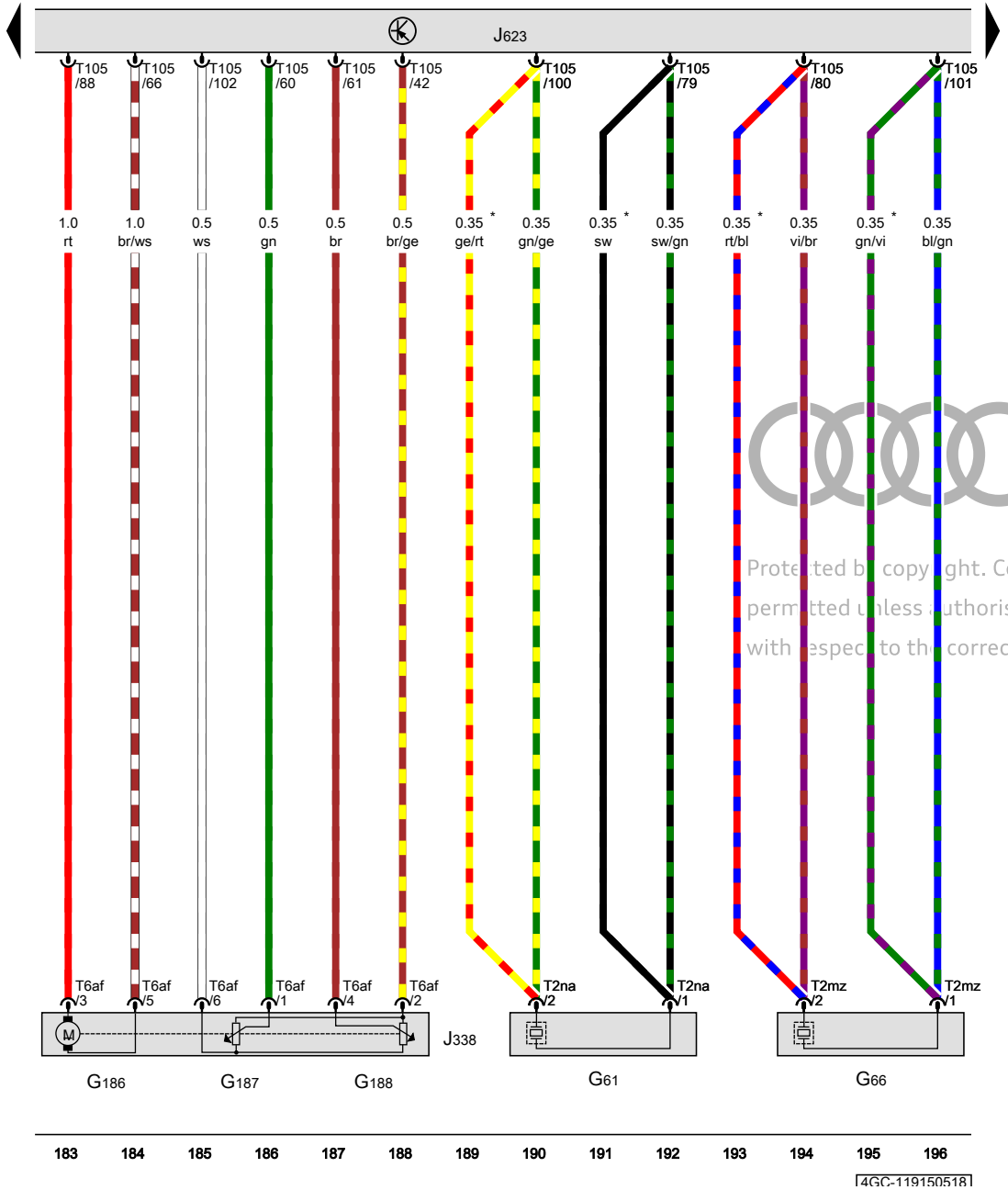
Intake manifold pressure sender, Accelerator position sender, Engine/motor control unit

G71	Intake manifold pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T4q	4-pin connector
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
*	gradual introduction

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Knock sensor 1, Knock sensor 2, Throttle valve module, Engine/motor control unit

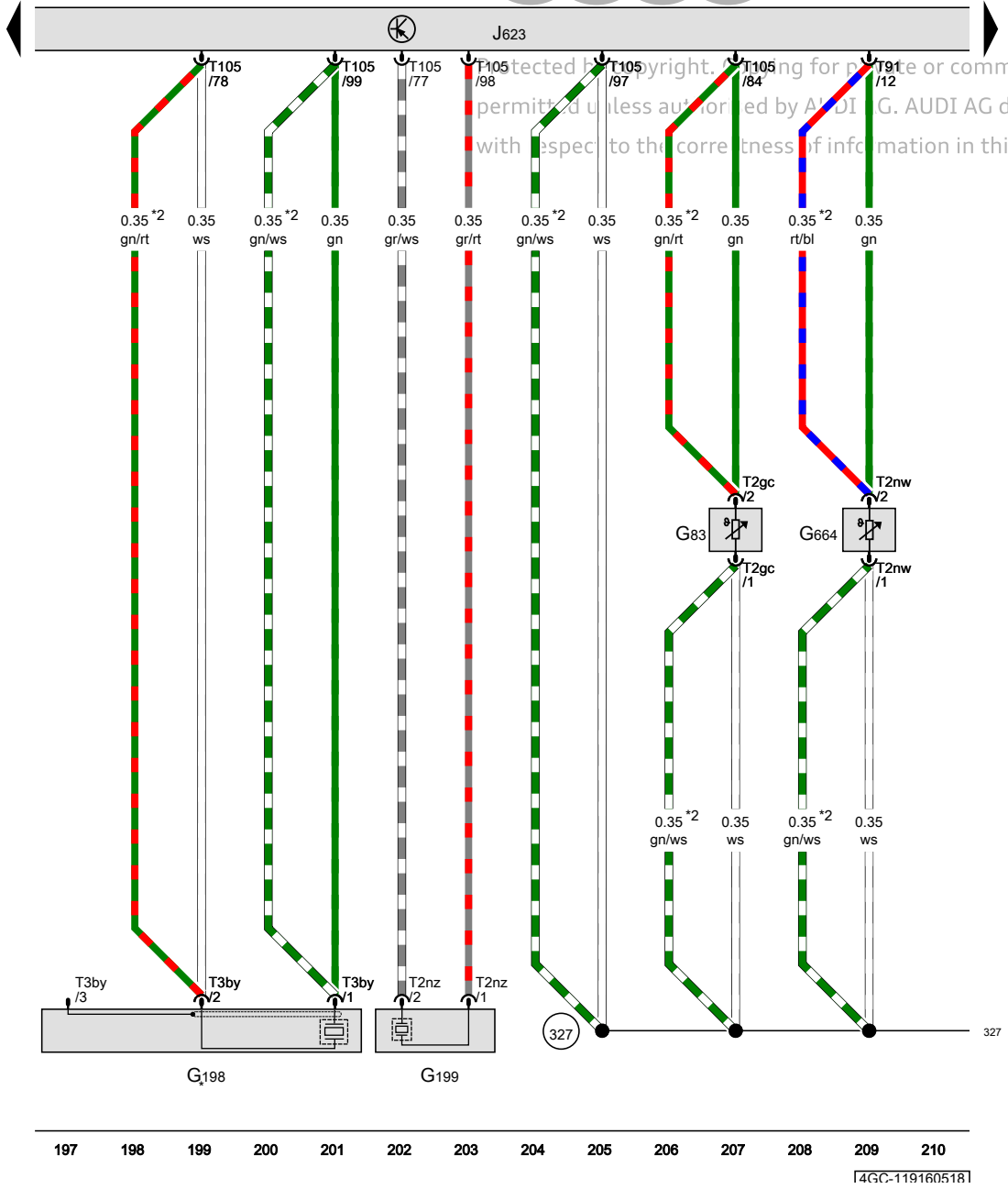
G61	Knock sensor 1
G66	Knock sensor 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine/motor control unit
T2mz	2-pin connector
T2na	2-pin connector
T6af	6-pin connector, black
T105	105-pin connector, black
*	gradual introduction



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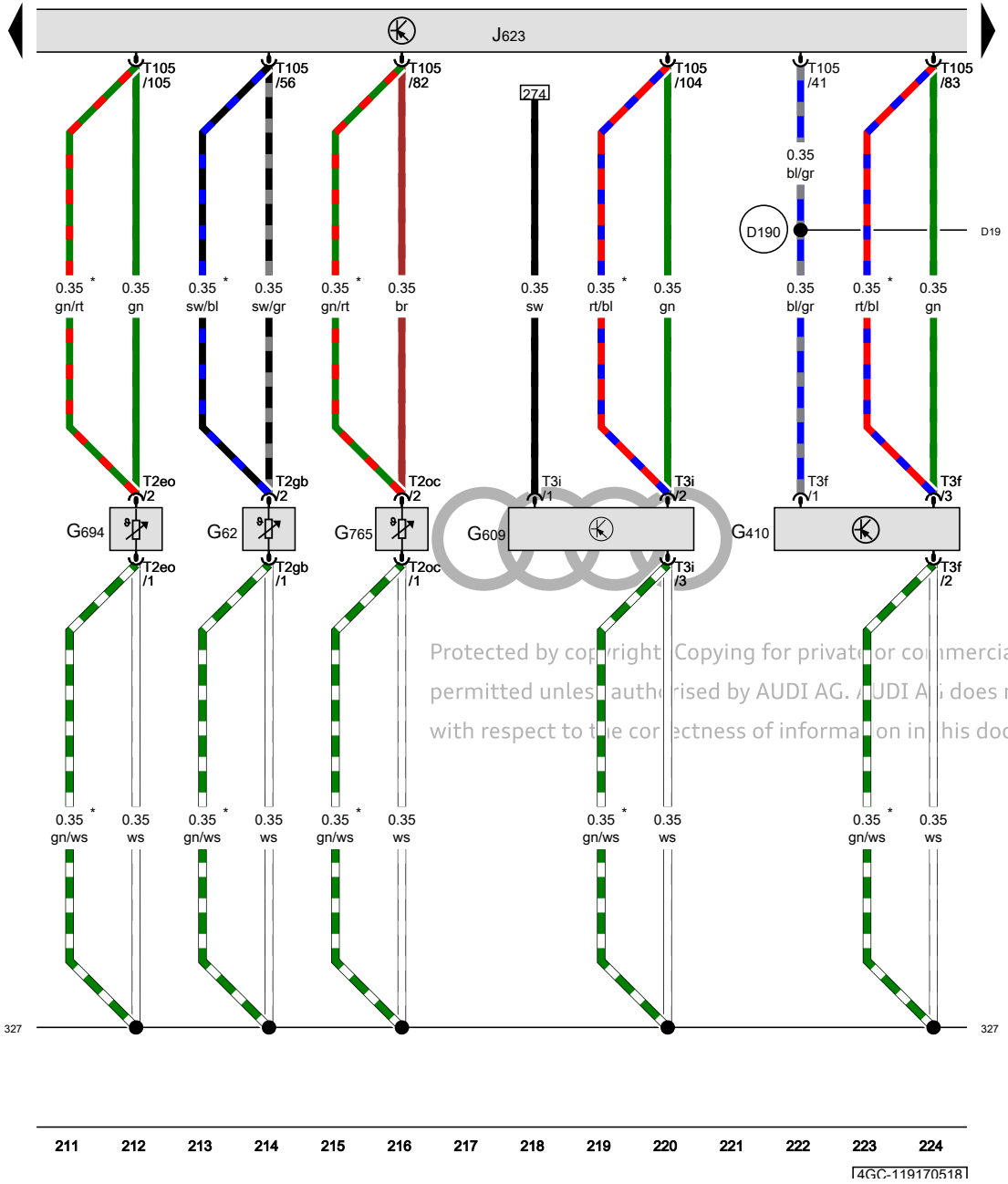
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Radiator outlet coolant temperature sender, Knock sensor 3, Knock sensor 4, Oil temperature sender 2, Engine/motor control unit

G83	Radiator outlet coolant temperature sender
G198	Knock sensor 3
G199	Knock sensor 4
G664	Oil temperature sender 2
J623	Engine/motor control unit
T2gc	2-pin connector
T2nw	2-pin connector
T2nz	2-pin connector
T3by	3-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
*	Pre-wired component
*2	gradual introduction

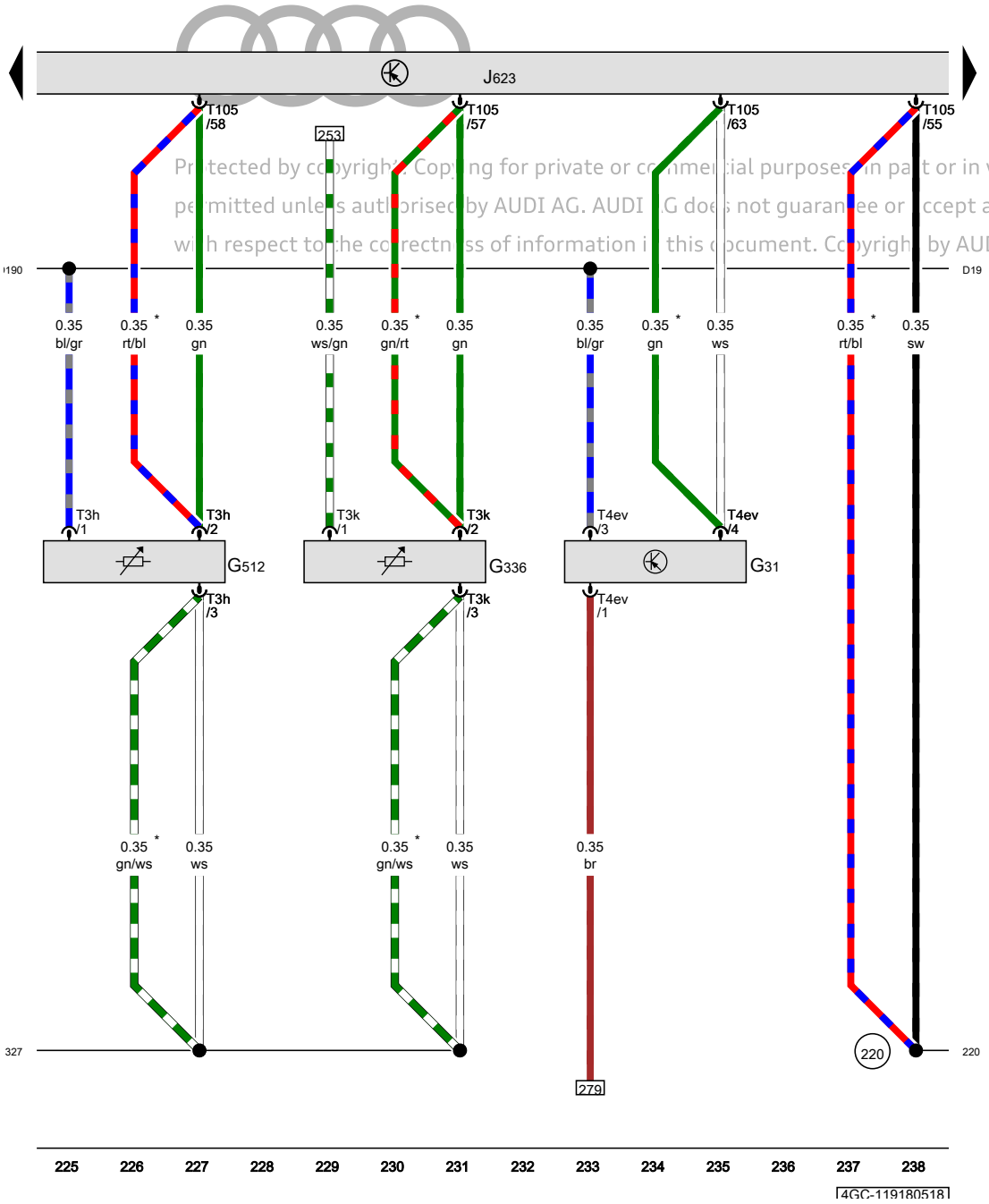


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Coolant temperature sender, Fuel pressure sender for low pressure, Sender 1 for secondary air pressure, Temperature sender for engine temperature regulation, Temperature sender for engine cover panel, Engine/motor control unit

G62	Coolant temperature sender
G410	Fuel pressure sender for low pressure
G609	Sender 1 for secondary air pressure
G694	Temperature sender for engine temperature regulation
G765	Temperature sender for engine cover panel
J623	Engine/motor control unit
T2eo	2-pin connector
T2gb	2-pin connector
T2oc	2-pin connector
T3f	3-pin connector
T3i	3-pin connector
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	gradual introduction

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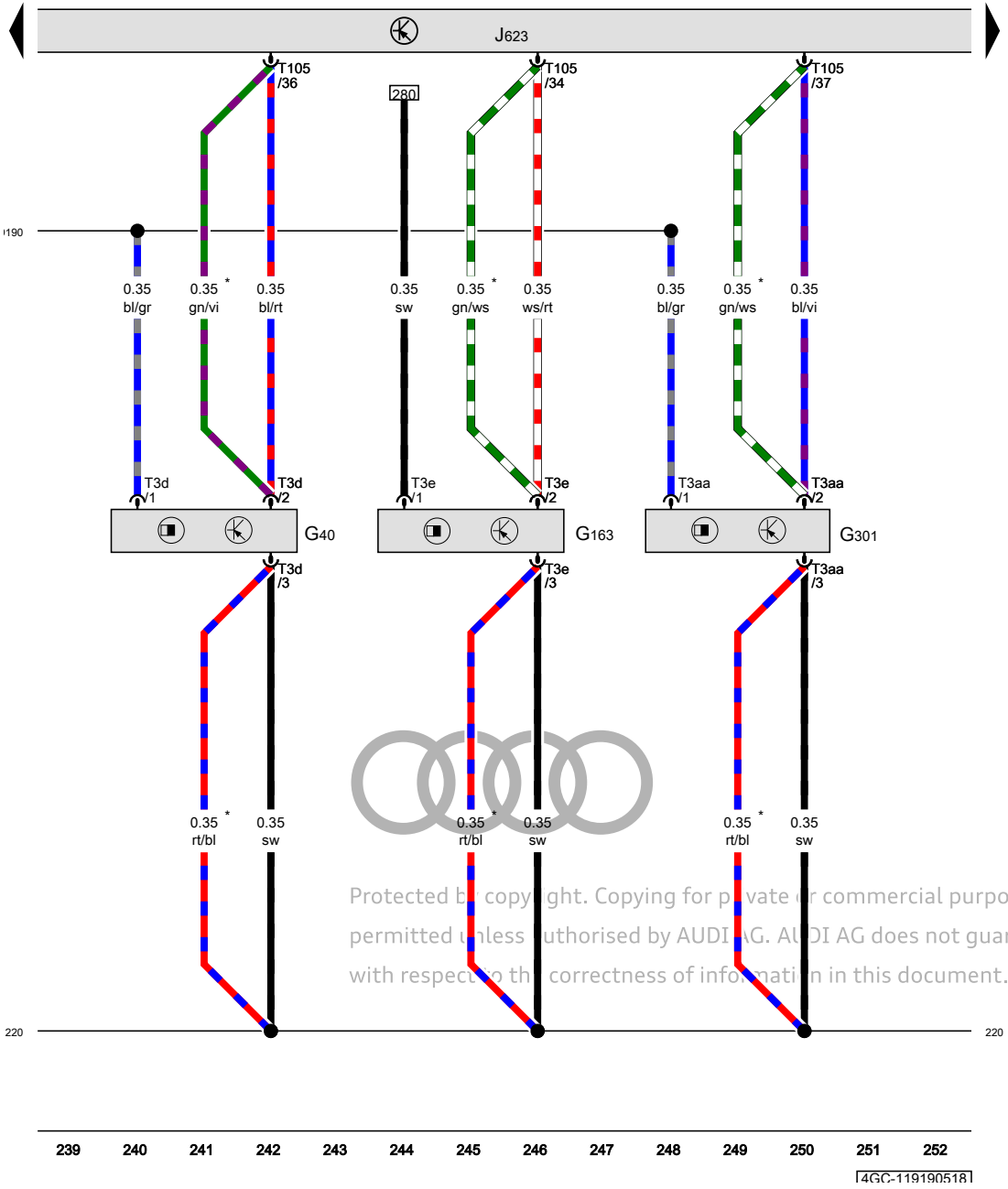


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Charge pressure sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine/ motor control unit

G31	Charge pressure sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine/motor control unit
T3h	3-pin connector
T3k	3-pin connector
T4ev	4-pin connector
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	gradual introduction



Hall sender, Hall sender 2, Hall sender 4, Engine/motor control unit

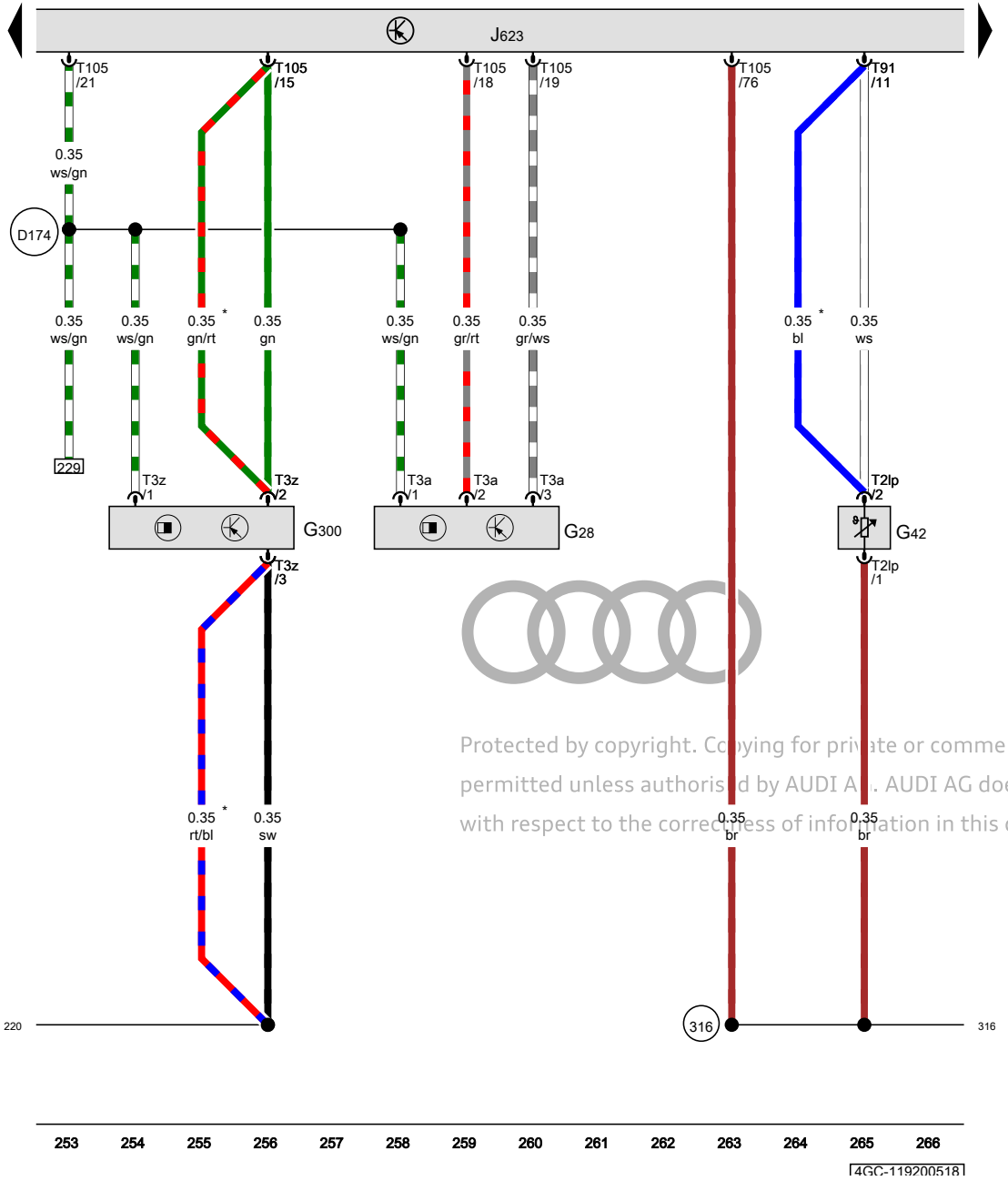
G40	Hall sender
G163	Hall sender 2
G301	Hall sender 4
J623	Engine/motor control unit
T3aa	3-pin connector
T3d	3-pin connector
T3e	3-pin connector
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	gradual introduction

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sw	=	black
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or	=	orange
rs	=	pink

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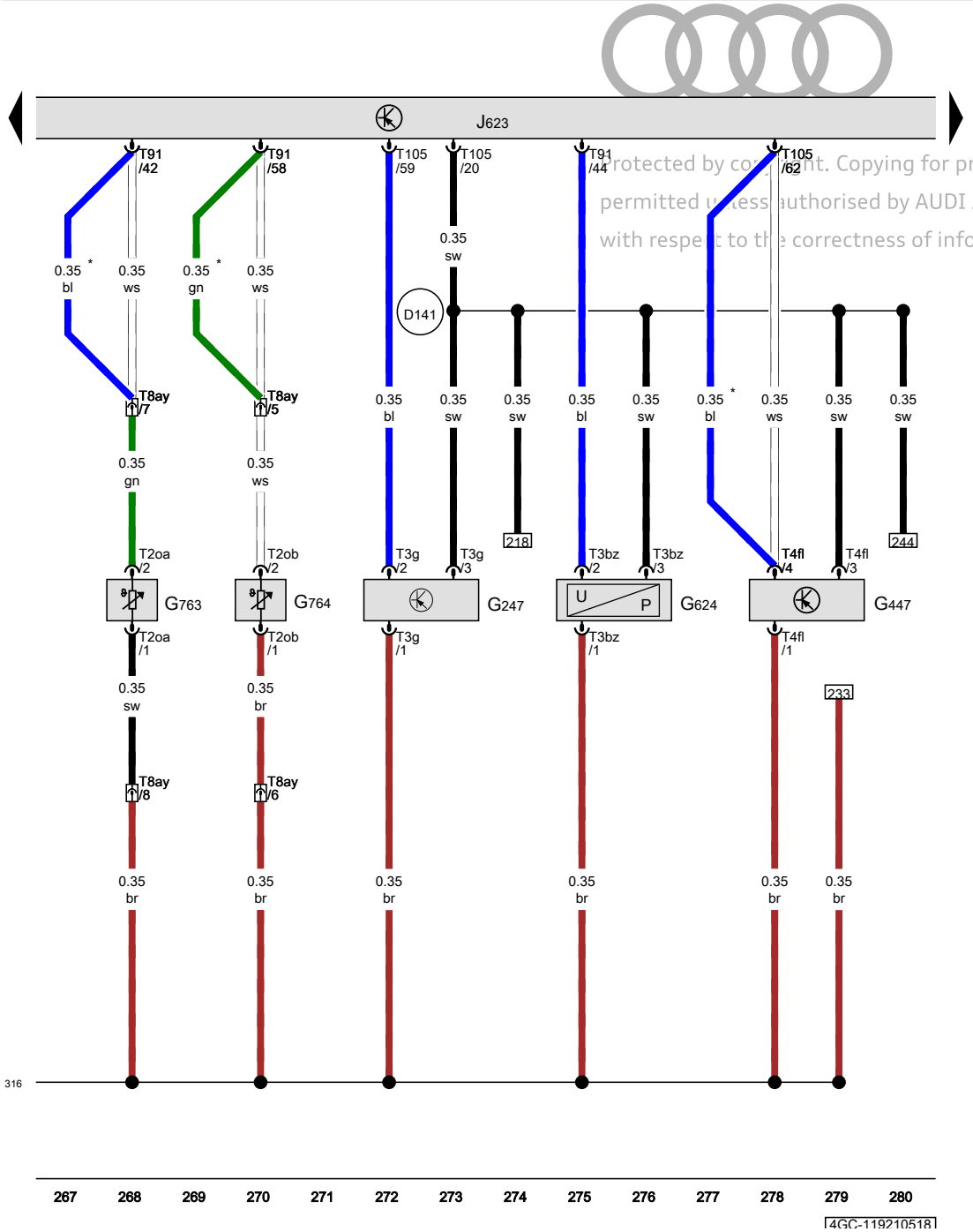
Engine speed sender, Intake air temperature sender, Hall sender 3, Engine/motor control unit

G28	Engine speed sender
G42	Intake air temperature sender
G300	Hall sender 3
J623	Engine/motor control unit
T2lp	2-pin connector
T3a	3-pin connector
T3z	3-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
316	Earth connection (sender earth 2) in engine wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	gradual introduction



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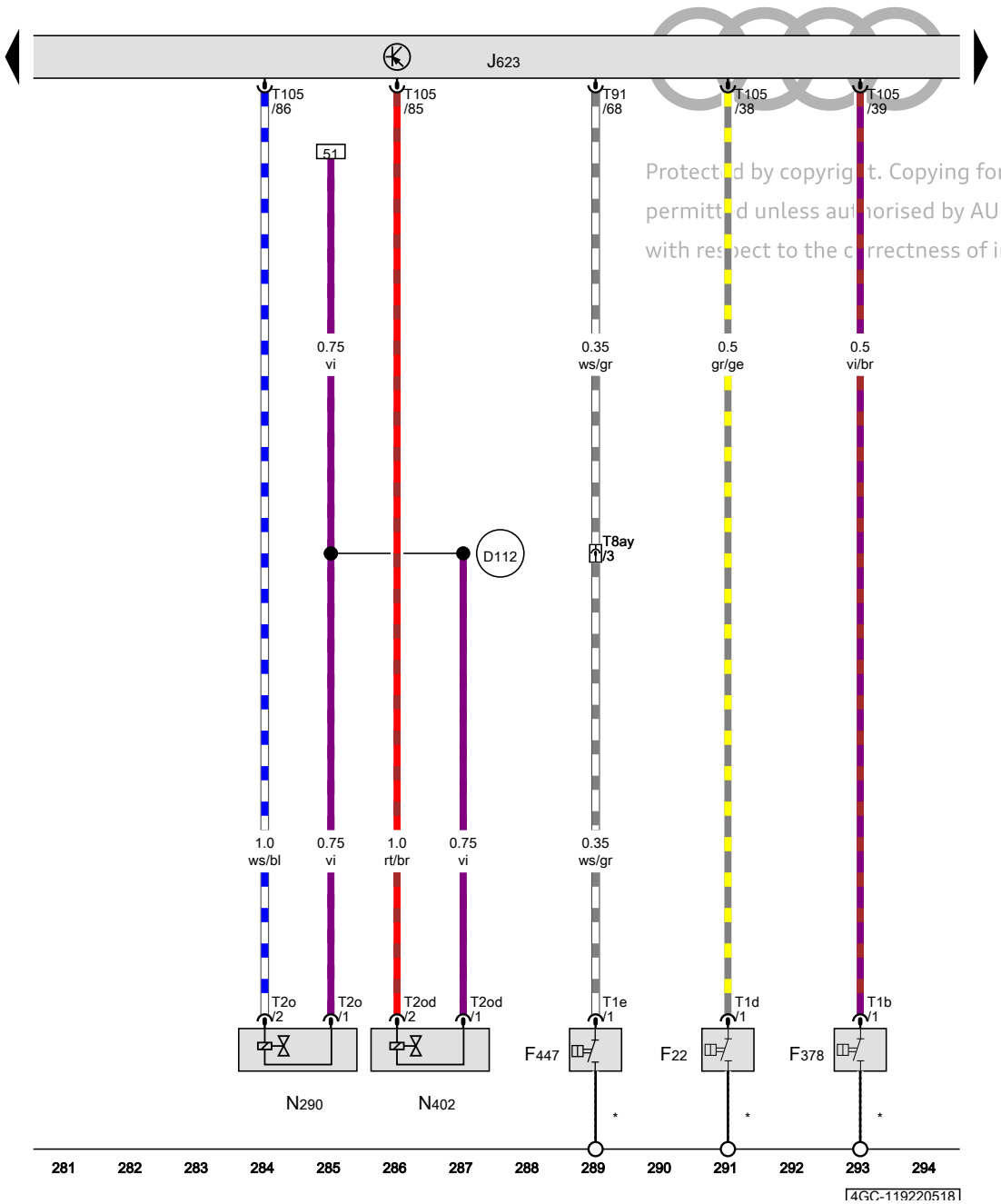


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Fuel pressure sender, Charge pressure sender 2, Fuel pressure sender 2, Temperature sender 1 for charge air cooler, Engine/motor control unit

G247	Fuel pressure sender
G447	Charge pressure sender 2
G624	Fuel pressure sender 2
G763	Temperature sender 1 for charge air cooler
G764	Temperature sender 2 for charge air cooler
J623	Engine/motor control unit
T2oa	2-pin connector
T2ob	2-pin connector
T3bz	3-pin connector
T3g	3-pin connector
T4fl	4-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	gradual introduction

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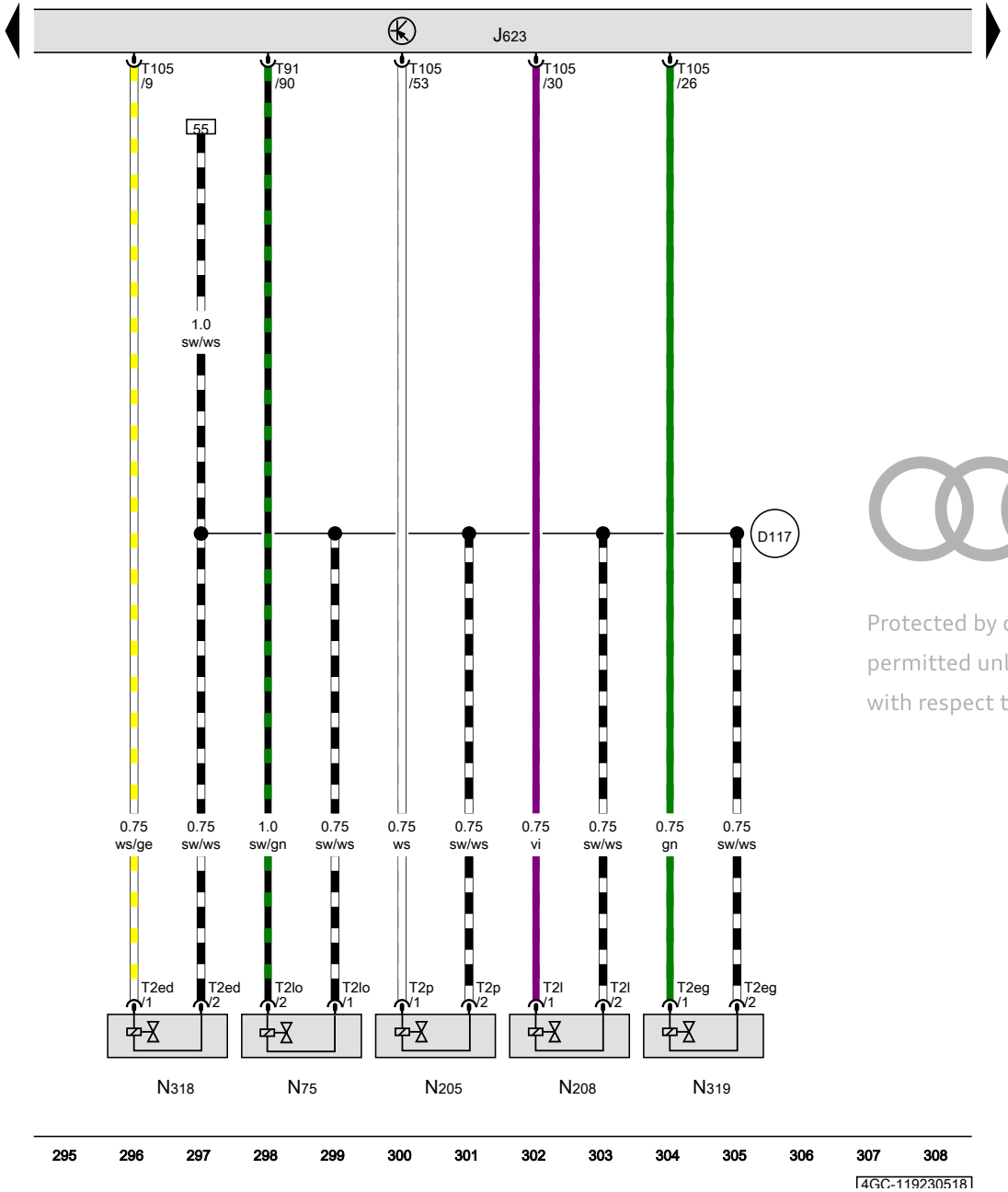


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Stage 3 oil pressure switch, Engine/motor control unit, Fuel metering valve

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
J623	Engine/motor control unit
N290	Fuel metering valve
N402	Fuel metering valve 2
T1b	1-pin connector
T1d	1-pin connector
T1e	1-pin connector
T2o	2-pin connector
T2od	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
D112	Connection 10 in engine compartment wiring harness
*	Earth supply via housing



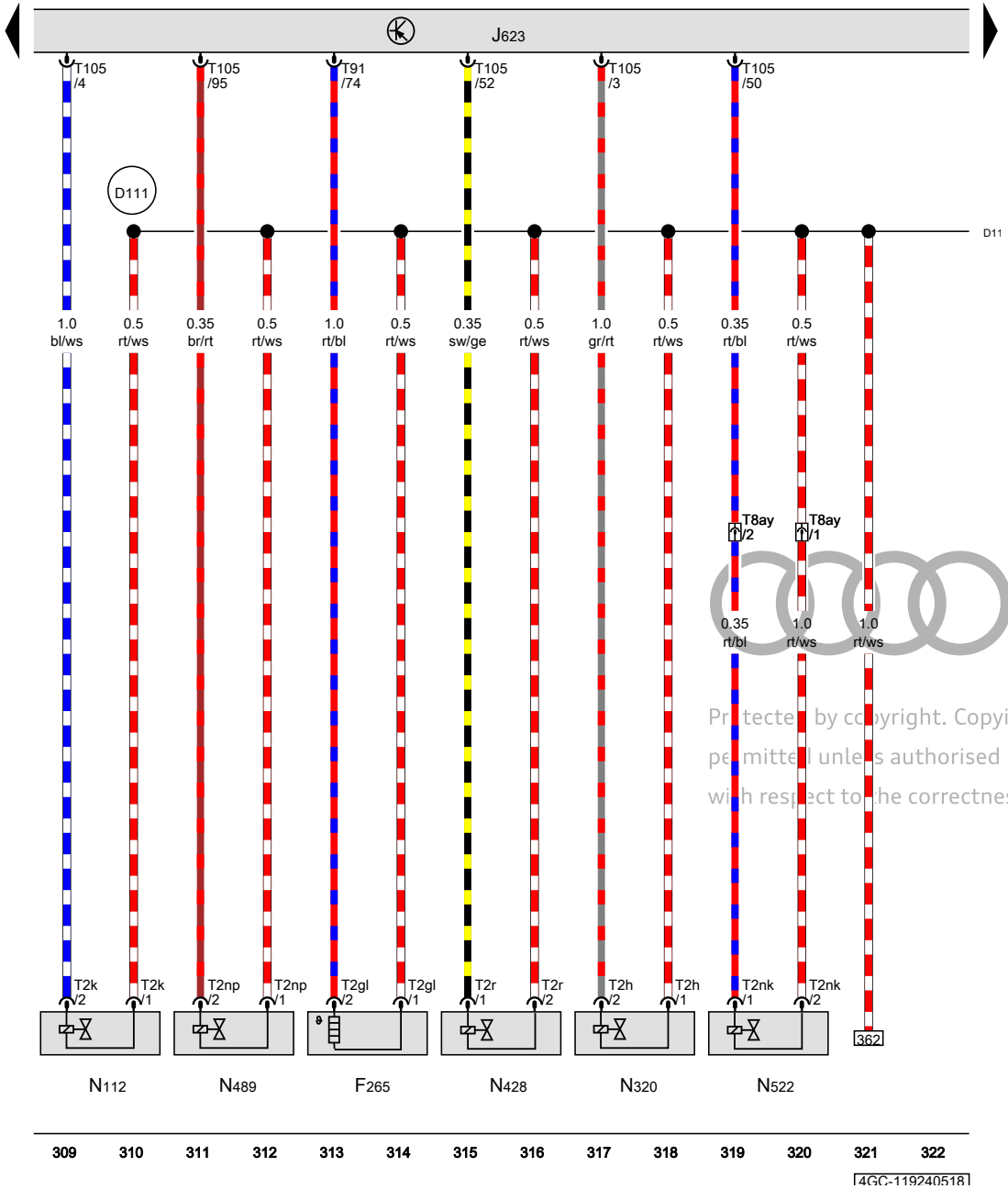
Engine/motor control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Exhaust camshaft control valve 1

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T2ed	2-pin connector
T2eg	2-pin connector
T2l	2-pin connector
T2lo	2-pin connector
T2p	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D117	Connection 15 in engine compartment wiring harness

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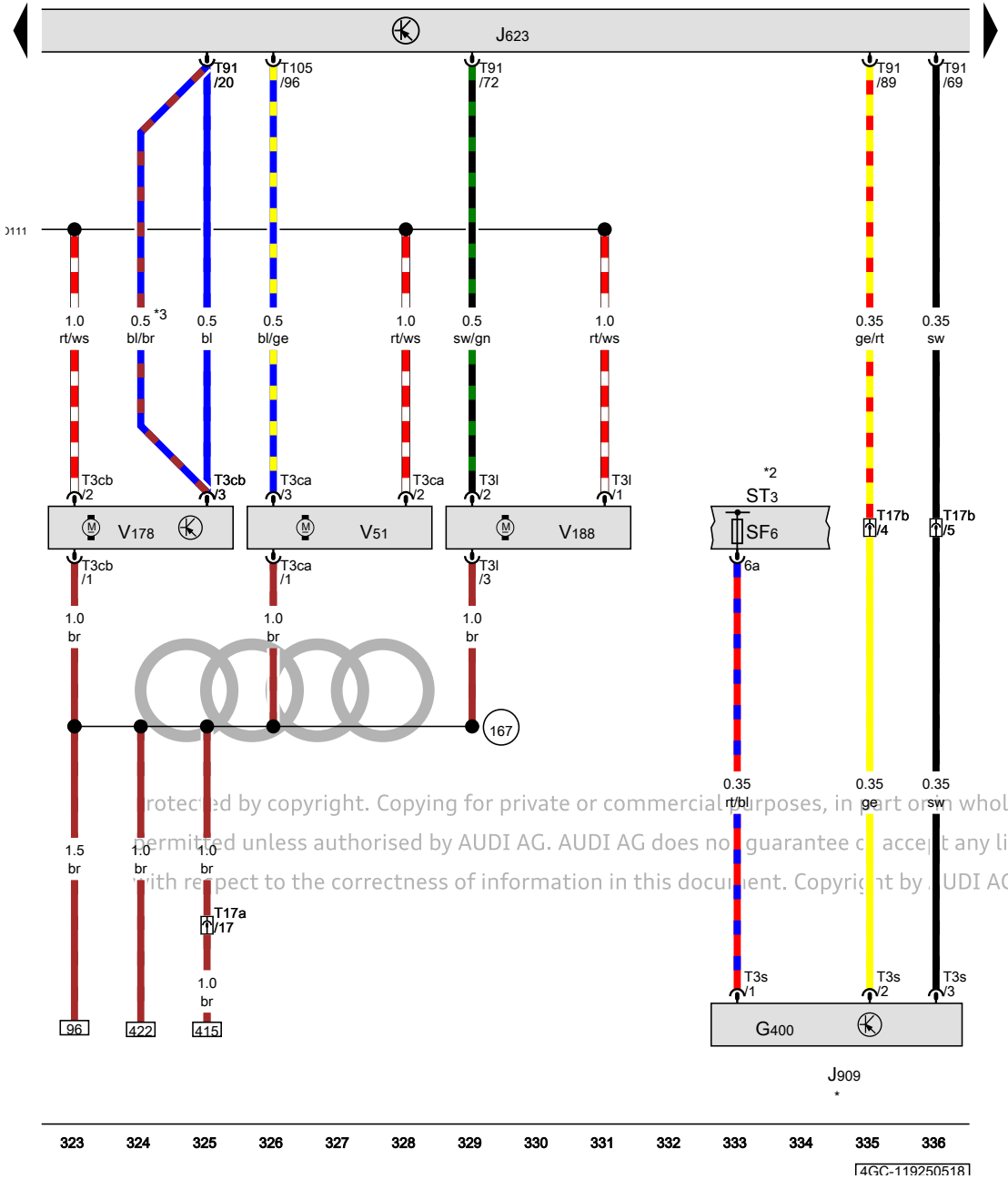
Map-controlled engine cooling system thermostat, Engine/ motor control unit, Secondary air inlet valve, Secondary air inlet valve 2, Valve for oil pressure control, Coolant valve for cylinder head, Piston cooling jet control valve



F265	Map-controlled engine cooling system thermostat
J623	Engine/motor control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
N522	Piston cooling jet control valve
T2gl	2-pin connector
T2h	2-pin connector
T2k	2-pin connector
T2nk	2-pin connector
T2np	2-pin connector
T2r	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
D111	Connection 9 in engine compartment wiring harness

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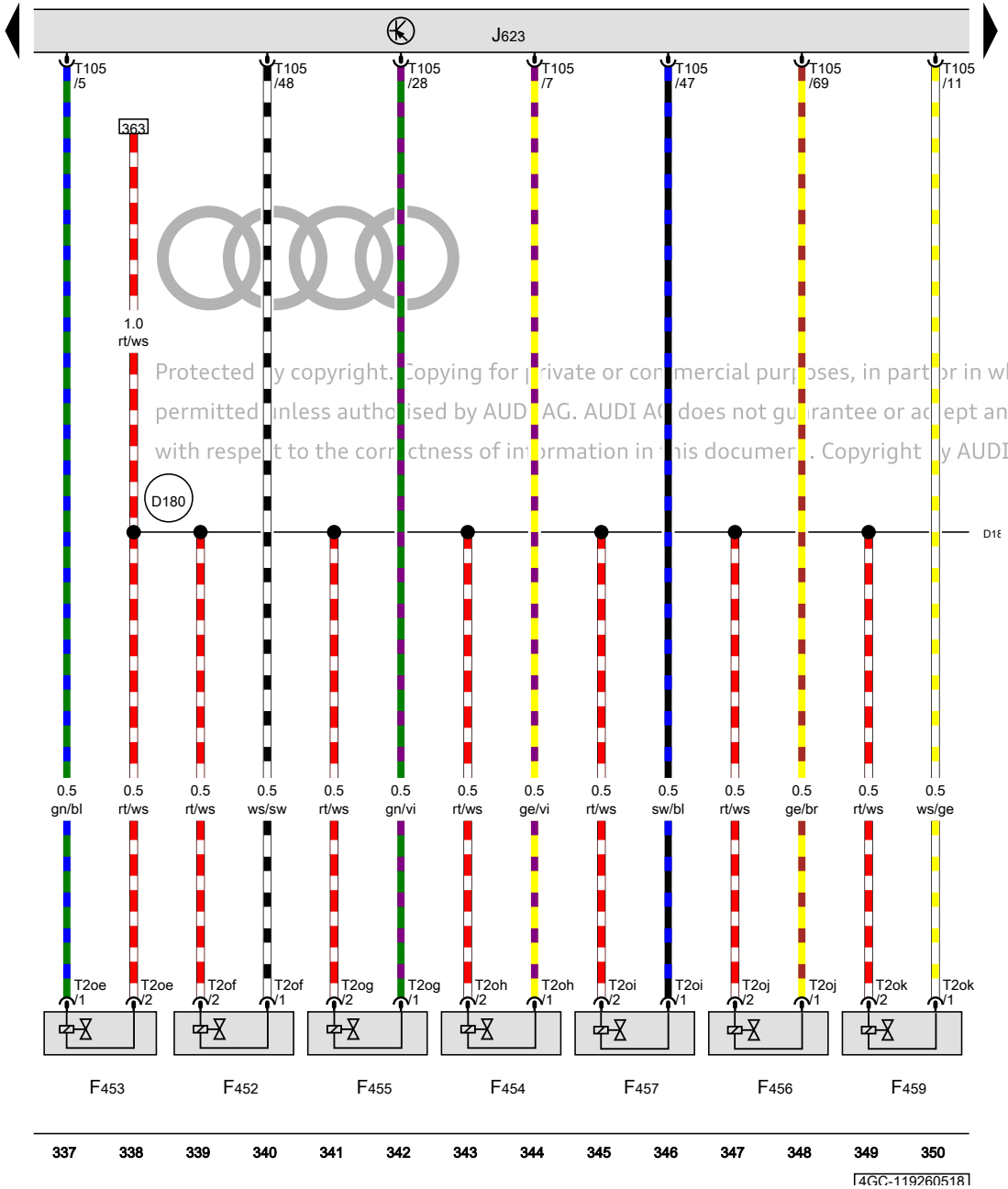


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Engine/motor control unit, Control unit for fuel tank leak detection, Continued coolant circulation pump, Coolant circulation pump 2, Charge air cooling pump

G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
ST3	Fuse carrier 3
SF6	Fuse 6 in fuse holder F
T3ca	3-pin connector
T3cb	3-pin connector
T3l	3-pin connector
T3s	3-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
V178	Coolant circulation pump 2
V188	Charge air cooling pump
167	Earth connection 4, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	For models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment
*3	gradual introduction



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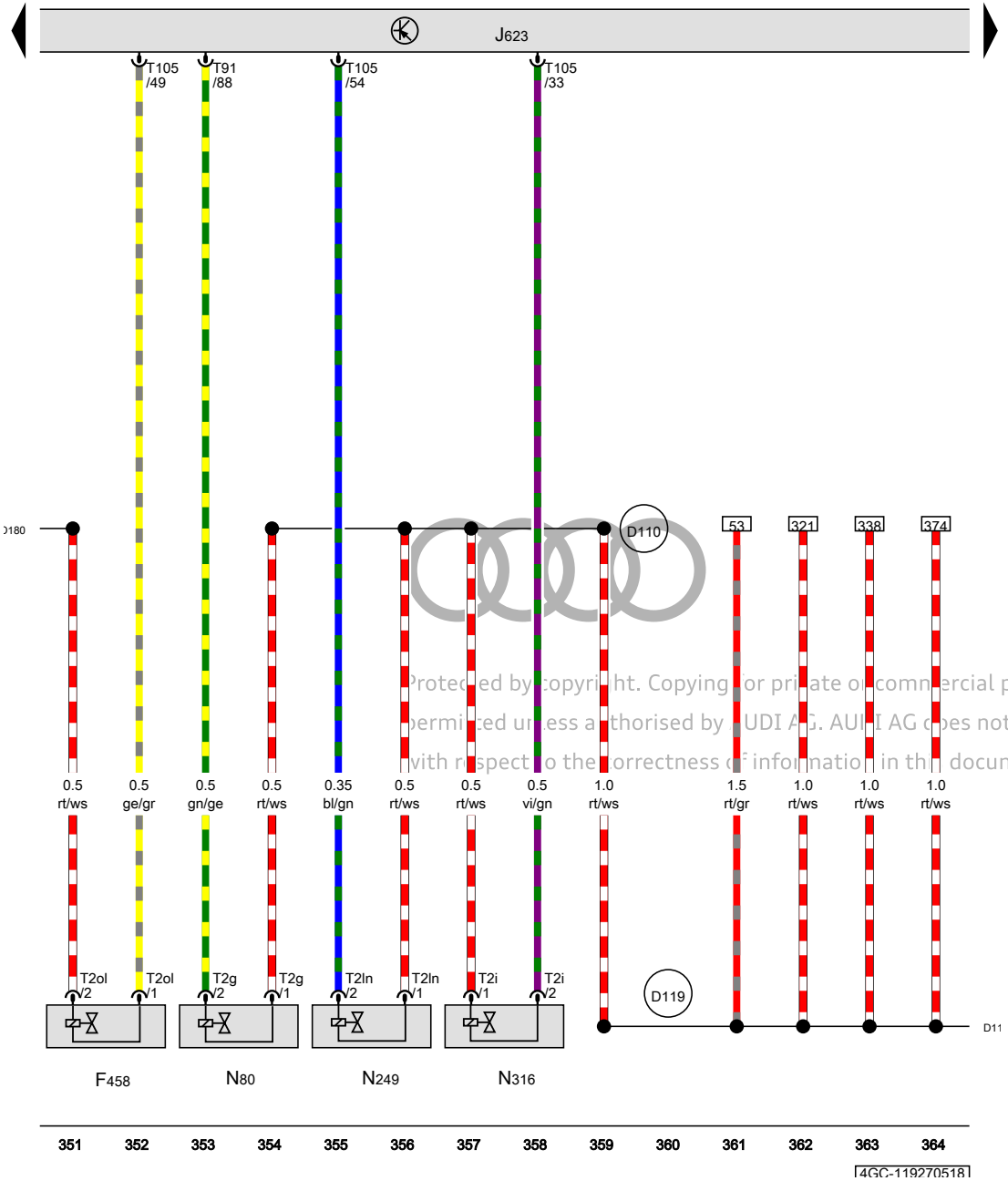
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Inlet cam actuator 2 for cylinder 2, Inlet cam actuator 2 for cylinder 3, Engine/motor control unit

F452	Inlet cam actuator 1 for cylinder 2
F453	Inlet cam actuator 2 for cylinder 2
F454	Exhaust cam actuator 1 for cylinder 2
F455	Exhaust cam actuator 2 for cylinder 2
F456	Inlet cam actuator 1 for cylinder 3
F457	Inlet cam actuator 2 for cylinder 3
F459	Exhaust cam actuator 2 for cylinder 3
J623	Engine/motor control unit
T2oe	2-pin connector
T2of	2-pin connector
T2og	2-pin connector
T2oh	2-pin connector
T2oi	2-pin connector
T2oj	2-pin connector
T2ok	2-pin connector
T105	105-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

Engine/motor control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

F458	Exhaust cam actuator 1 for cylinder 3
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T2g	2-pin connector
T2i	2-pin connector
T2ln	2-pin connector
T2ol	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

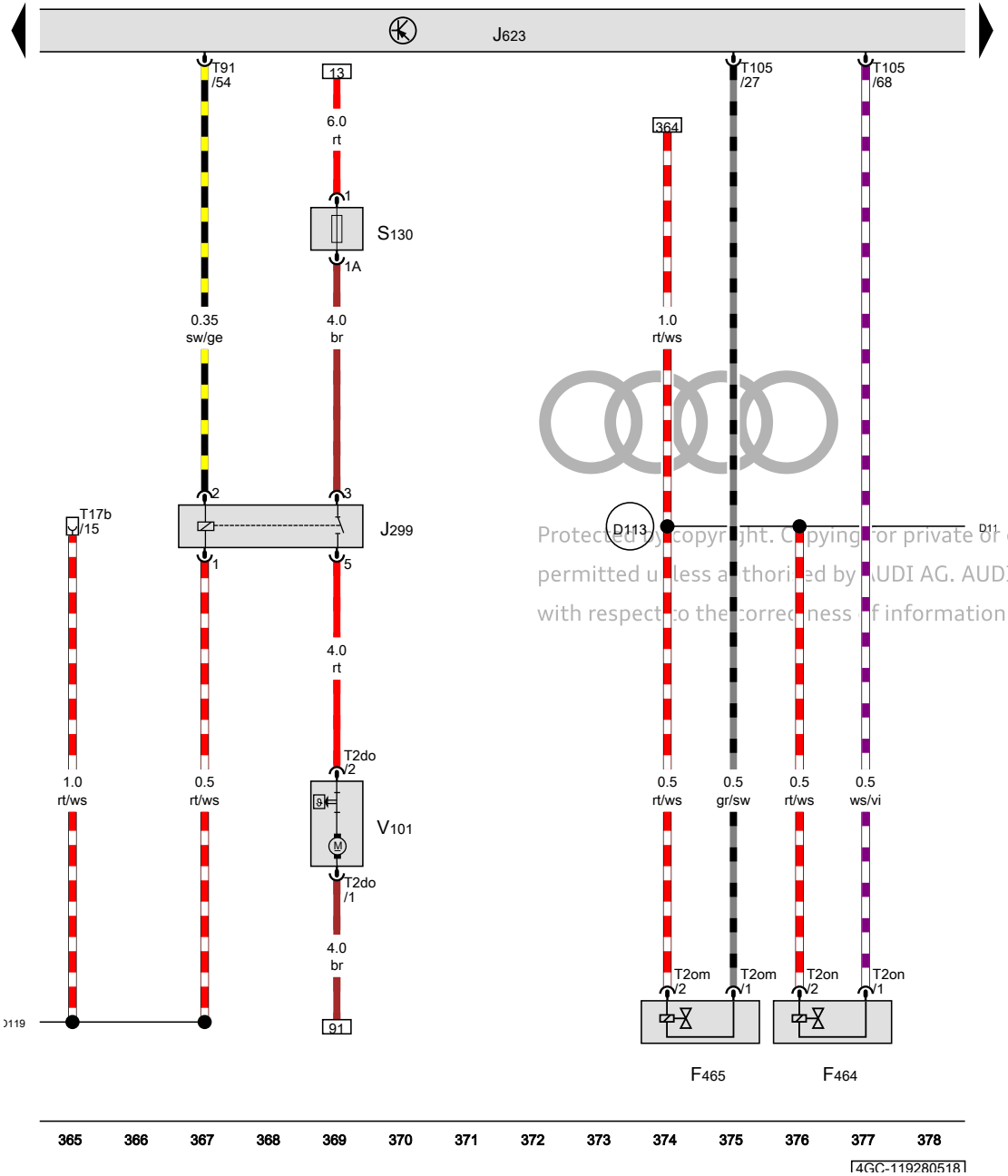


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Inlet cam actuator 2 for cylinder 5, Secondary air pump relay, Engine/motor control unit, Secondary air pump fuse

F464	Inlet cam actuator 1 for cylinder 5
F465	Inlet cam actuator 2 for cylinder 5
J299	Secondary air pump relay
J623	Engine/motor control unit
S130	Secondary air pump fuse
T2do	2-pin connector
T2om	2-pin connector
T2on	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V101	Secondary air pump motor
D113	Connection 11 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

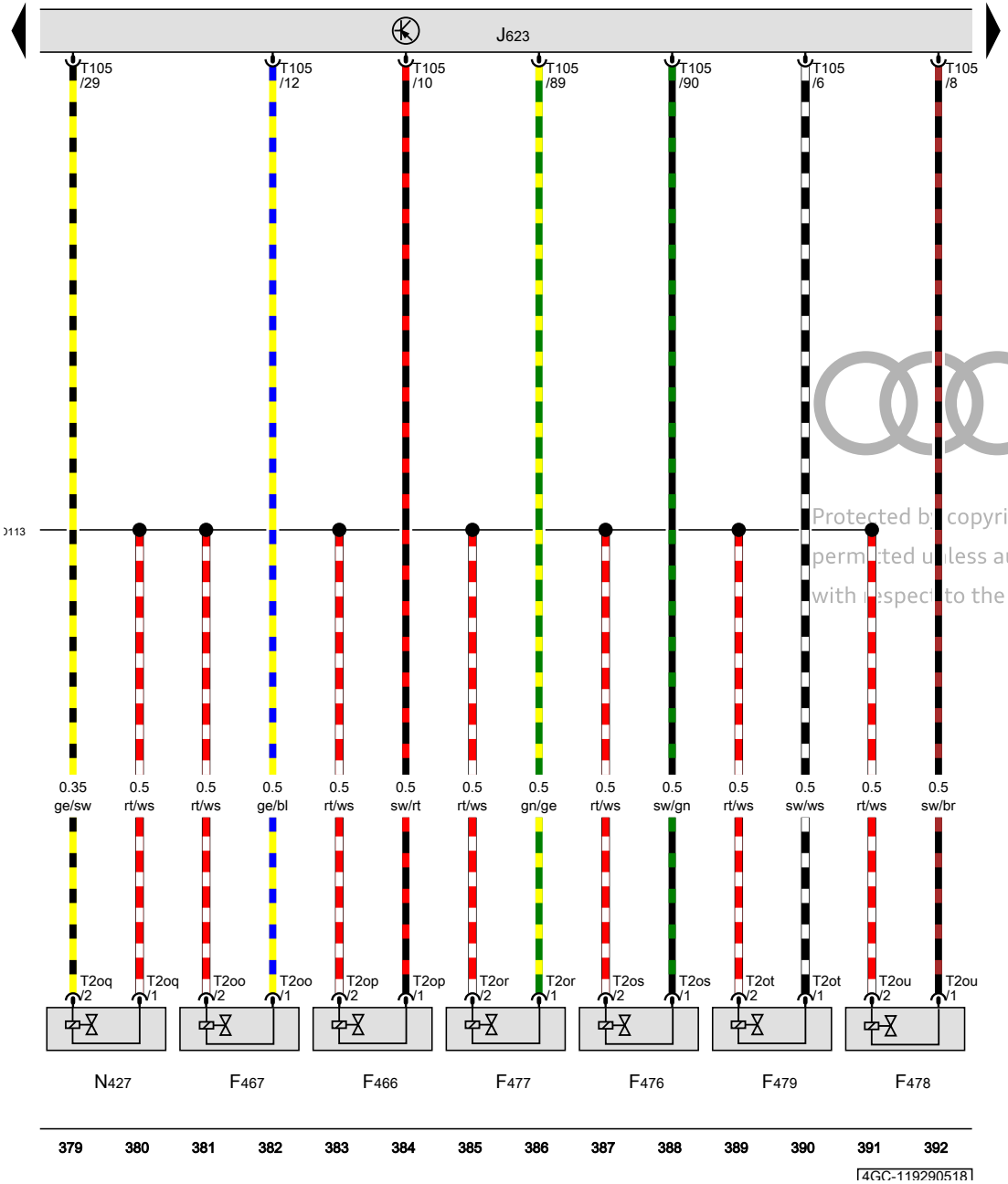


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Inlet cam actuator 2 for cylinder 8, Engine/motor control unit

F466	Exhaust cam actuator 1 for cylinder 5
F467	Exhaust cam actuator 2 for cylinder 5
F476	Inlet cam actuator 1 for cylinder 8
F477	Inlet cam actuator 2 for cylinder 8
F478	Exhaust cam actuator 1 for cylinder 8
F479	Exhaust cam actuator 2 for cylinder 8
J623	Engine/motor control unit
N427	Turbocharger air recirculation valve, cylinder bank 2
T2oo	2-pin connector
T2op	2-pin connector
T2oq	2-pin connector
T2or	2-pin connector
T2os	2-pin connector
T2ot	2-pin connector
T2ou	2-pin connector
T105	105-pin connector, black
D113	Connection 11 in engine compartment wiring harness

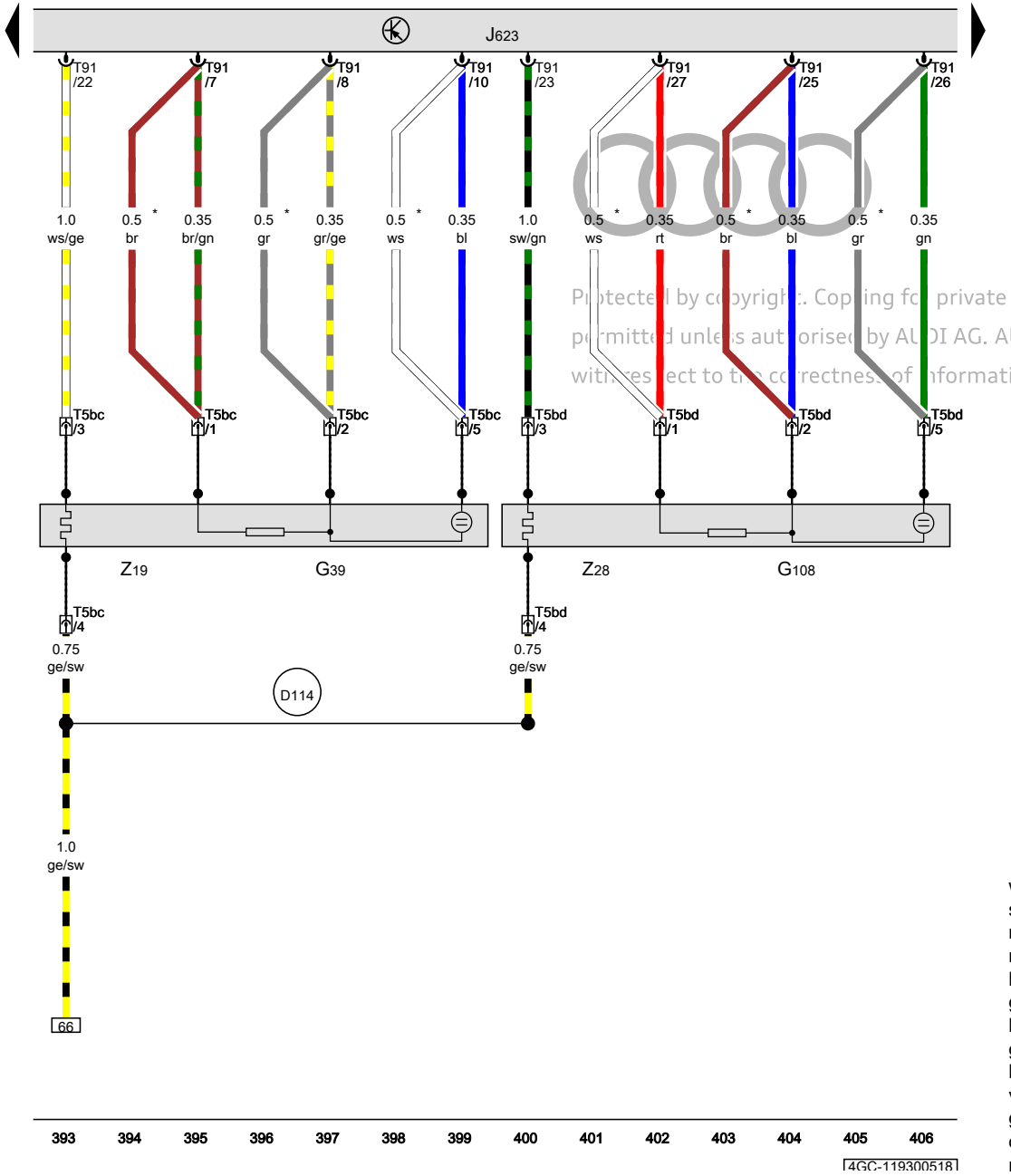


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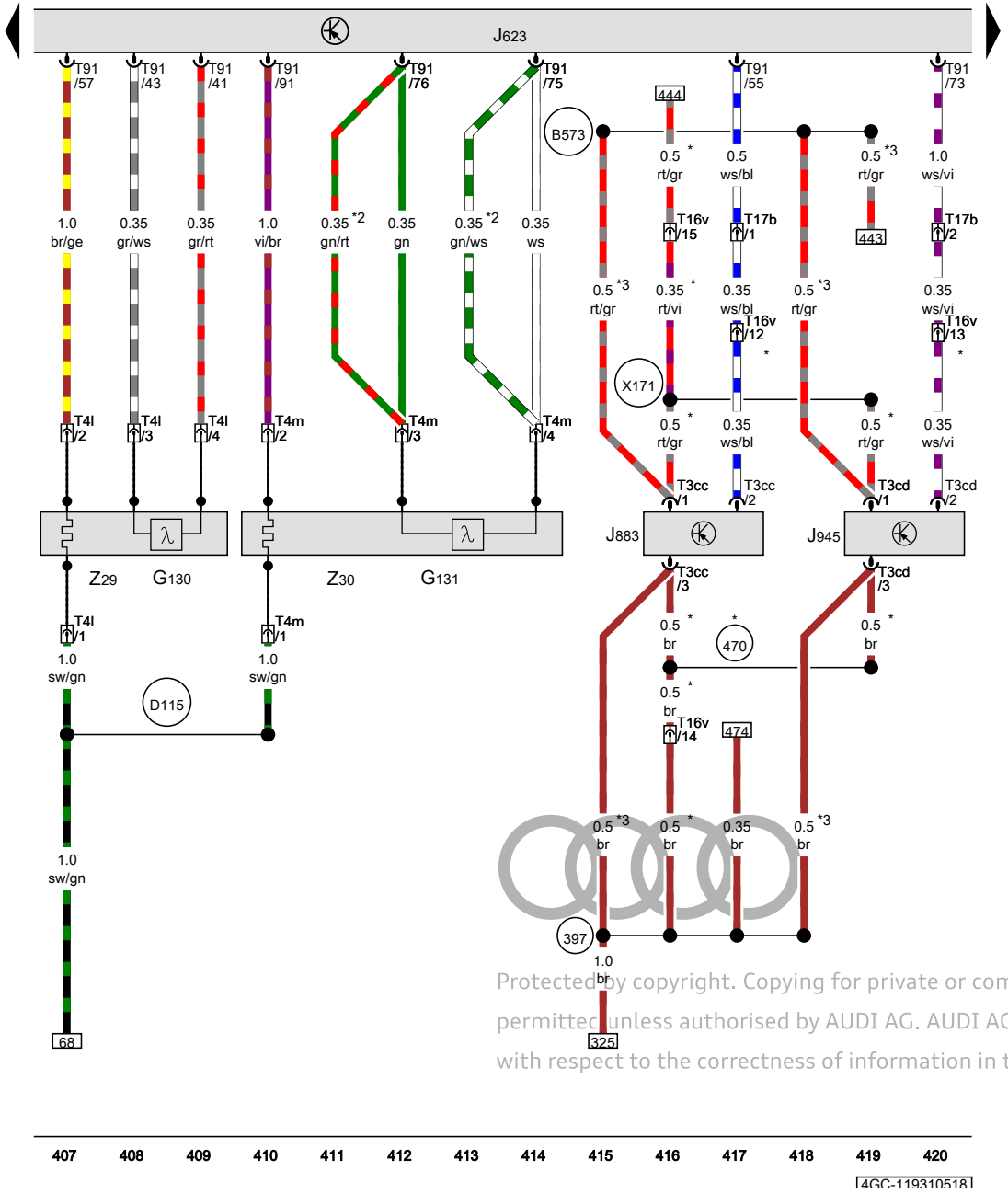
Lambda probe, Lambda probe 2, Engine/motor control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine/motor control unit
T5bc	5-pin connector, black
T5bd	5-pin connector, brown
T91	91-pin connector, black
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness
*	gradual introduction



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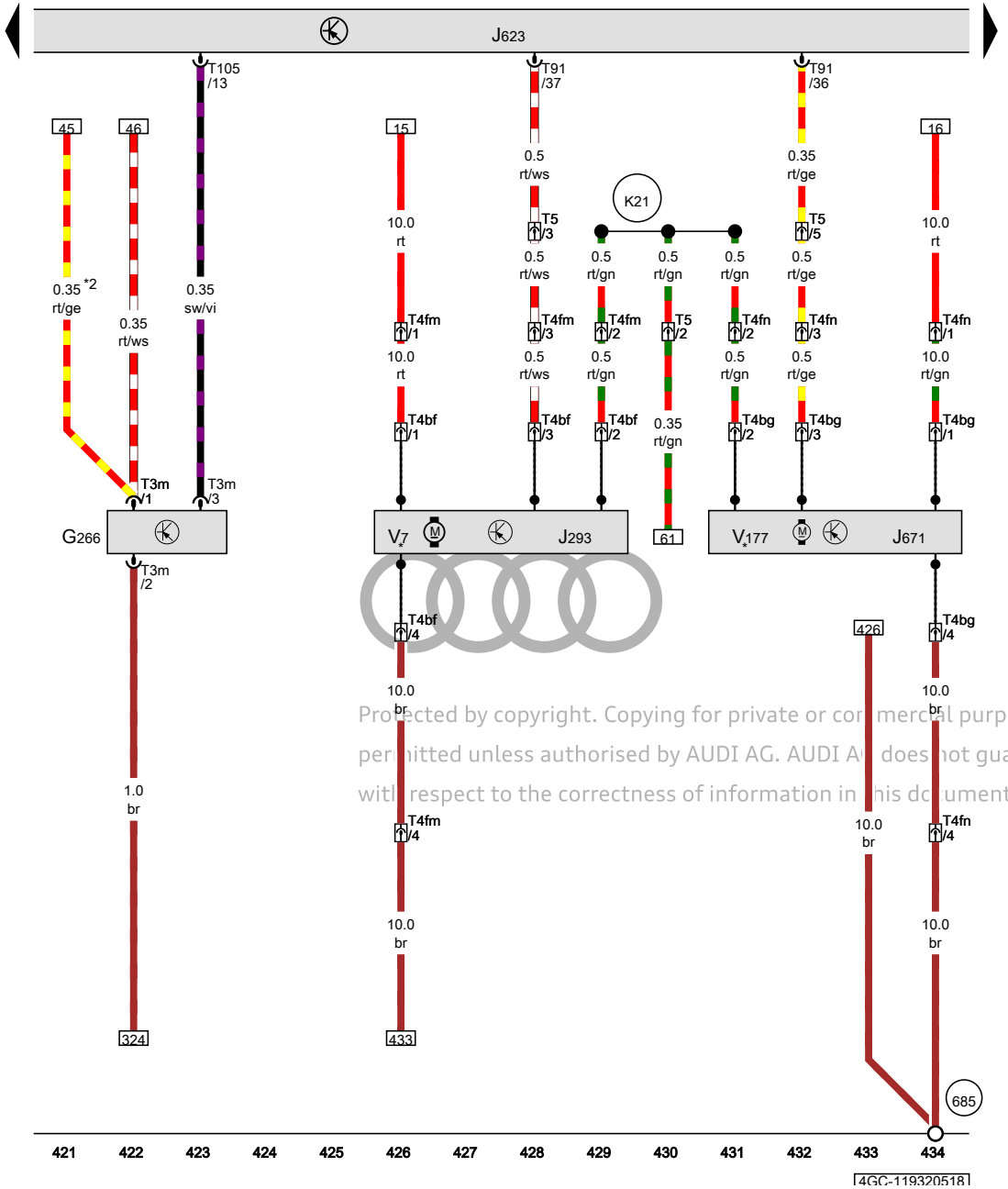


Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine/motor control unit, Exhaust flap control unit, Exhaust flap control unit 2

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
T3cc	3-pin connector
T3cd	3-pin connector
T4l	4-pin connector, brown
T4m	4-pin connector, black
T16v	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
397	Earth connection 32, in main wiring harness
470	Earth connection 1, in rear bumper wiring harness
B573	Connection 40, in main wiring harness
D115	Connection 13 in engine compartment wiring harness
X171	Connection (15), rear bumper wiring harness
*	Avant
*2	gradual introduction
*3	Saloon

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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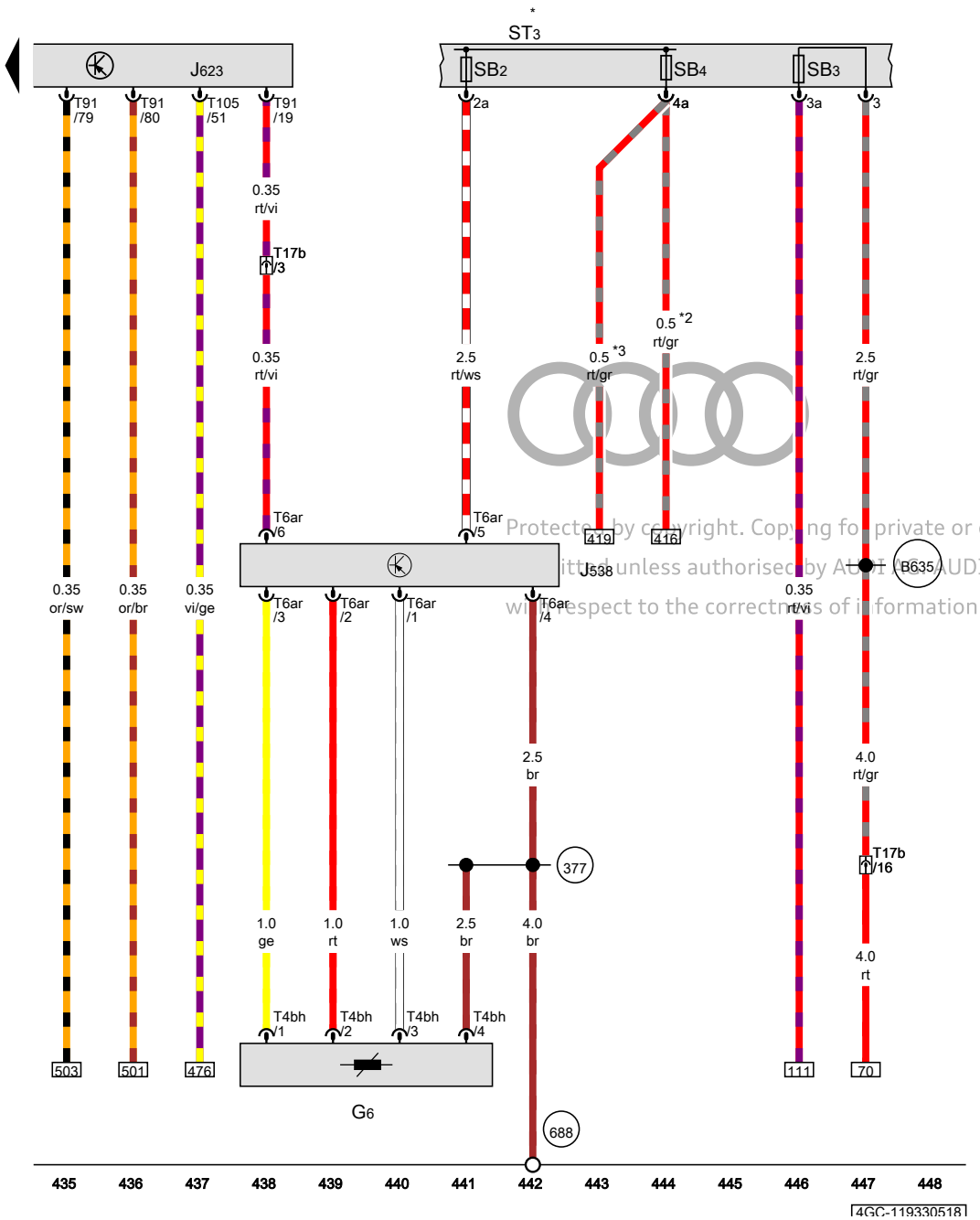
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Oil level and oil temperature sender, Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2, Radiator fan

G266	Oil level and oil temperature sender
J293	Radiator fan control unit
J623	Engine/motor control unit
J671	Radiator fan control unit 2
T3m	3-pin connector, black
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T91	91-pin connector, black
T105	105-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Pre-wired component
*2	gradual introduction

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rt	=	red
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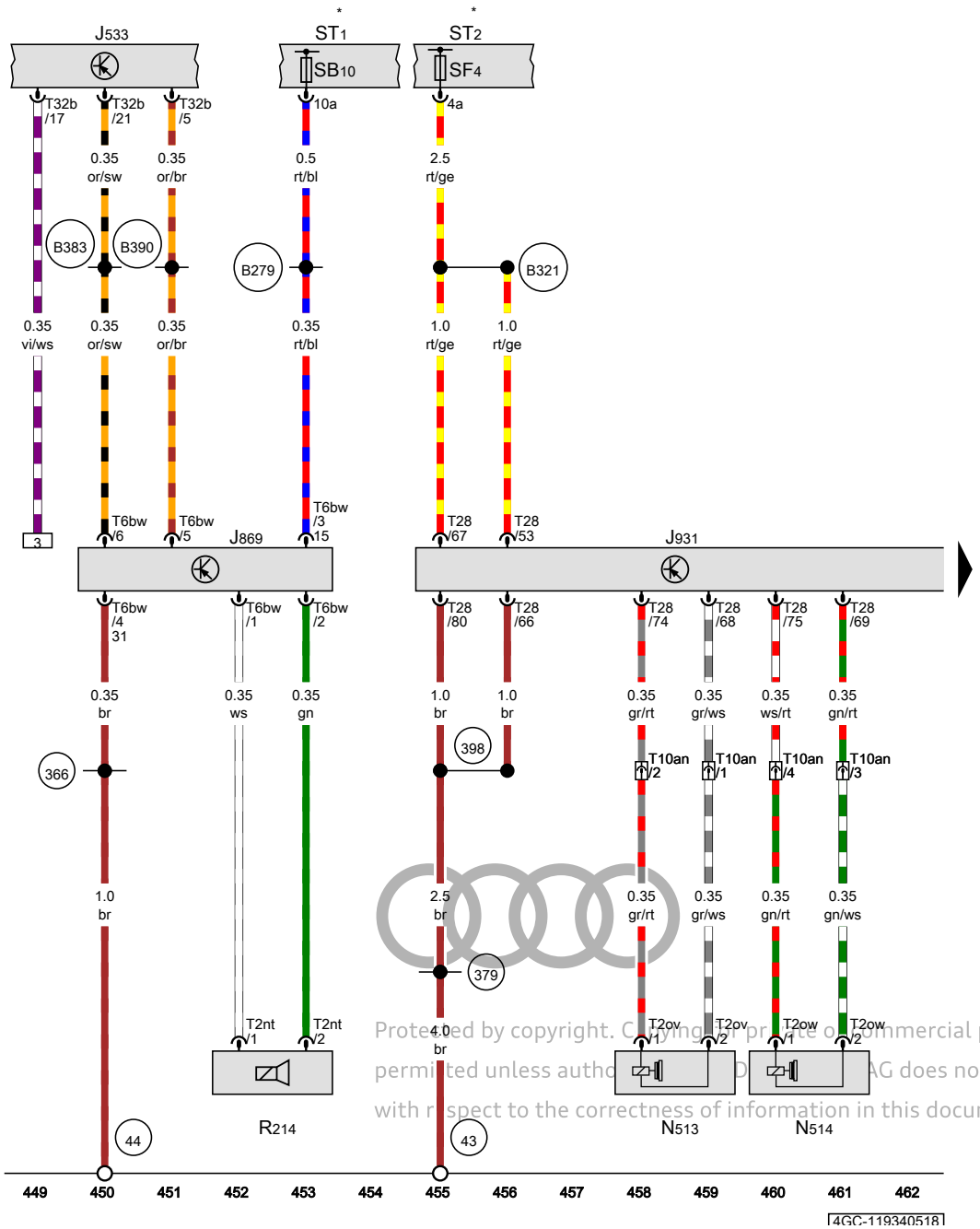
Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit



G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine/motor control unit
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T4bh	4-pin connector, black
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Avant
*3	Saloon

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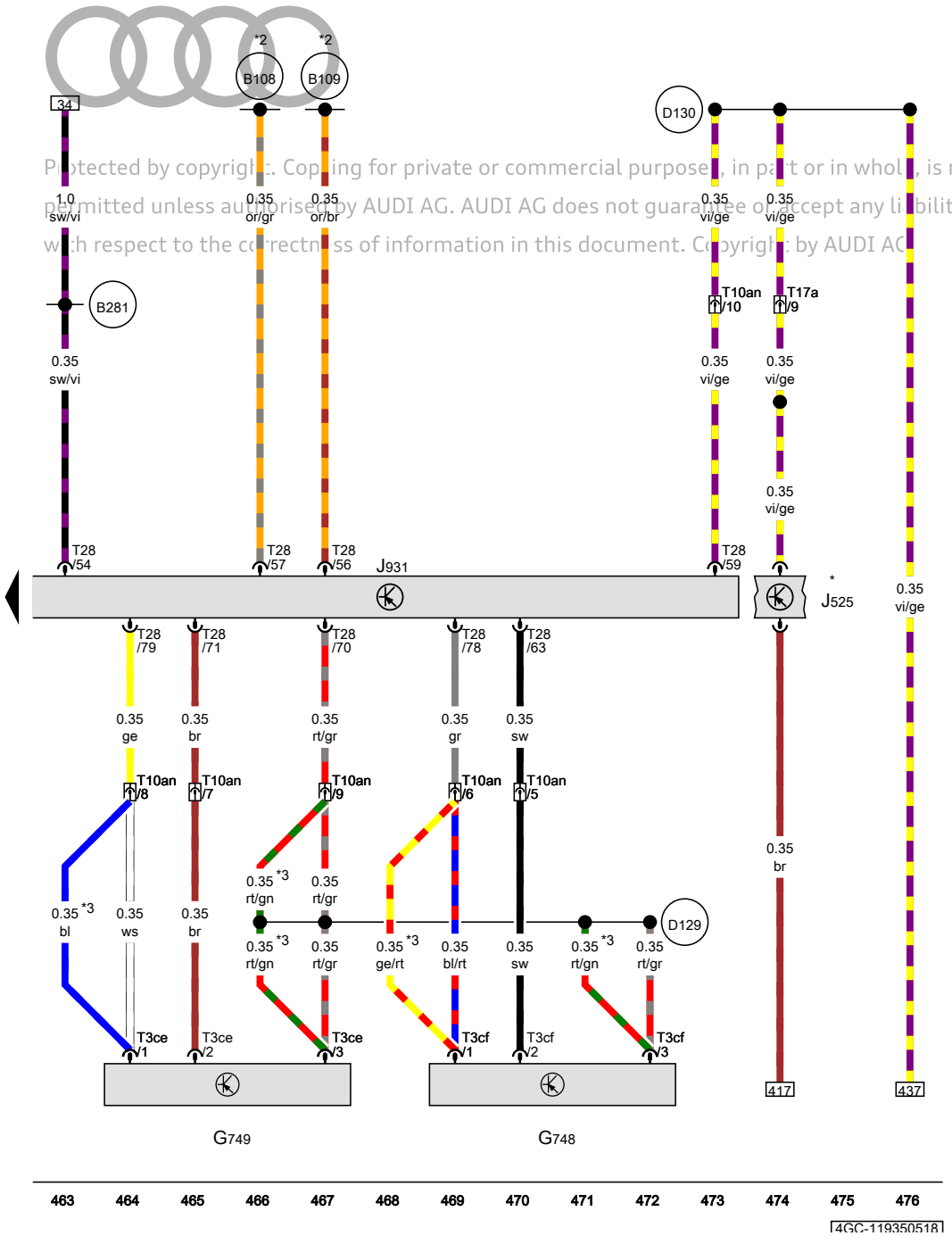


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Control unit for structure-borne sound, Power unit mounting control unit, Power unit mounting actuator 1, Actuator for structure-borne sound

J533	Data bus diagnostic interface
J869	Control unit for structure-borne sound
J931	Power unit mounting control unit
N513	Power unit mounting actuator 1
N514	Power unit mounting actuator 2
R214	Actuator for structure-borne sound
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF4	Fuse 4 in fuse holder F
SB10	Fuse 10 on fuse holder B
T2nt	2-pin connector
T2ov	2-pin connector
T2ow	2-pin connector
T6bw	6-pin connector
T10an	10-pin connector, on front right longitudinal member, behind wheel housing liner, black
T28	28-pin connector
T32b	32-pin connector
43	Earth point, lower part of right A-pillar
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
379	Earth connection 14, in main wiring harness
398	Earth connection 33, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

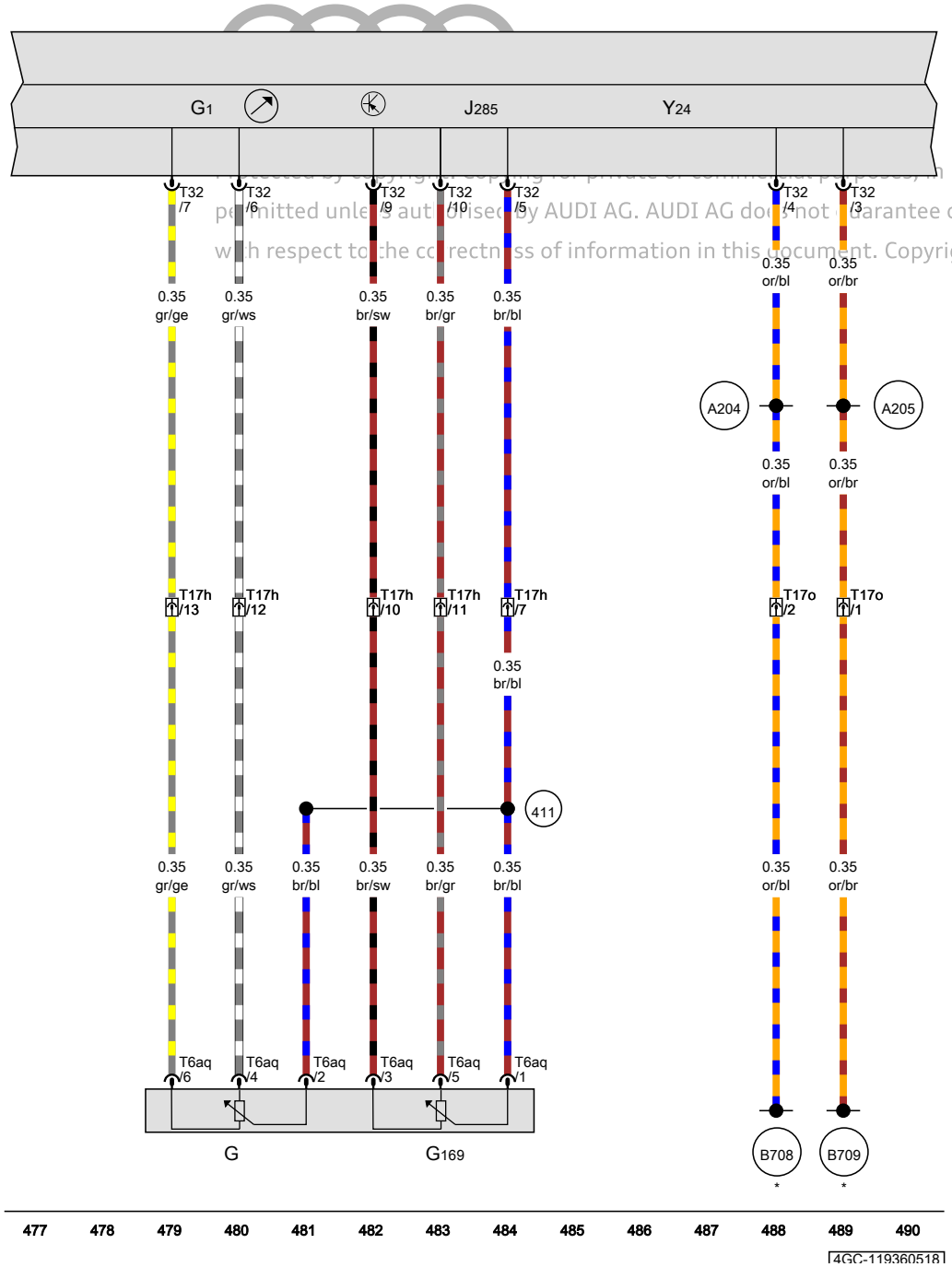


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Power unit mounting sender 1, Power unit mounting sender 2, Power unit mounting control unit

G748	Power unit mounting sender 1
G749	Power unit mounting sender 2
J525	Digital sound package control unit
J931	Power unit mounting control unit
T3ce	3-pin connector
T3cf	3-pin connector
T10an	10-pin connector, on front right longitudinal member, behind wheel housing liner, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T28	28-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
D129	Connection 27 in engine compartment wiring harness
D130	Connection 28 in engine compartment wiring harness
*	see applicable current flow diagram for sound system
*2	see applicable current flow diagram for data bus network
*3	gradual introduction

ws	=	white
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rt	=	red
br	=	brown
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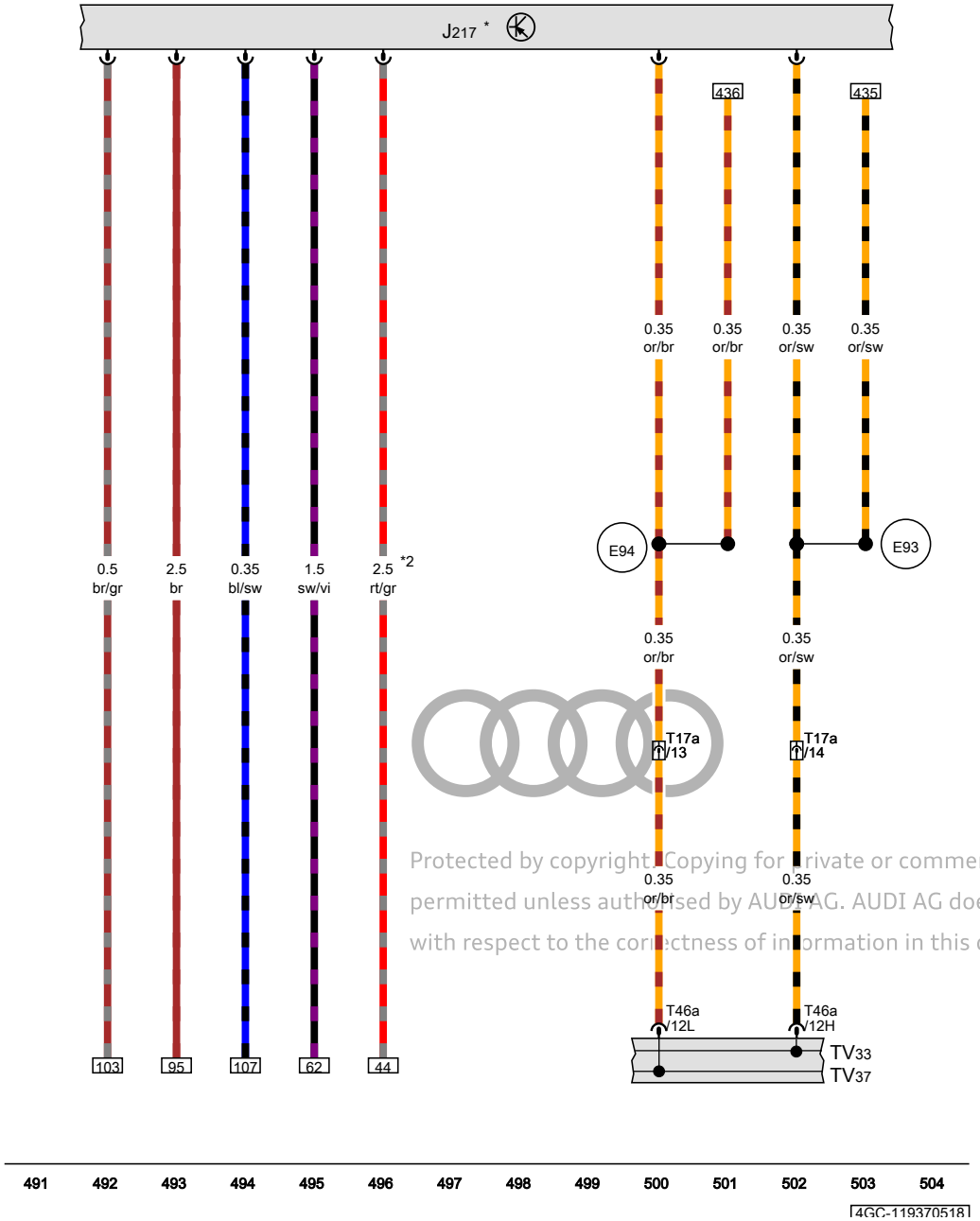


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network



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Wiring junction for powertrain CAN bus, high

J217	Automatic gearbox control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T46a	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Cross section depends on equipment

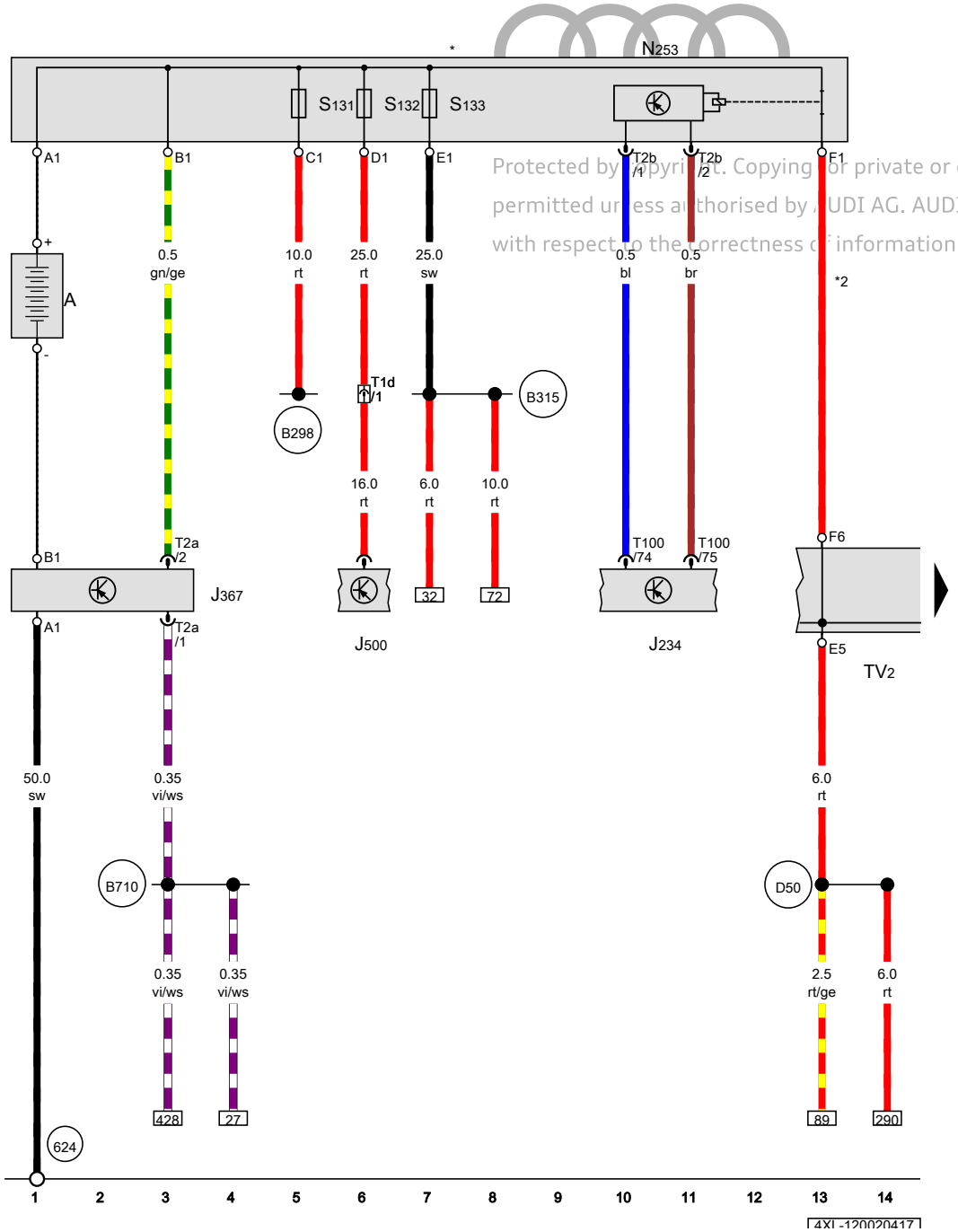
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4.0l petrol engine , CWUB,CWUC

From September 2015

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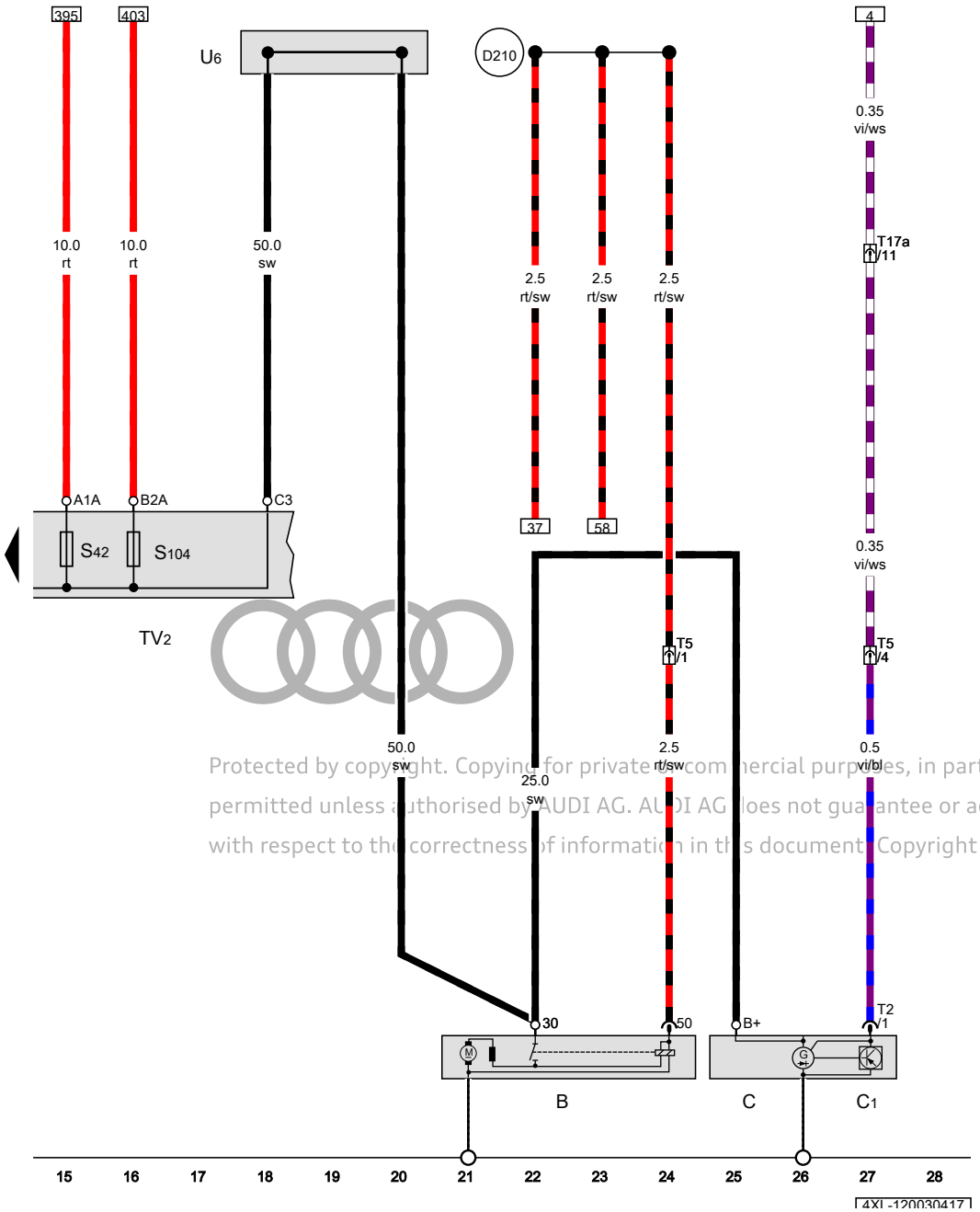
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Battery, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
TV2	Terminal 30 wiring junction
T100	100-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Flat conductor

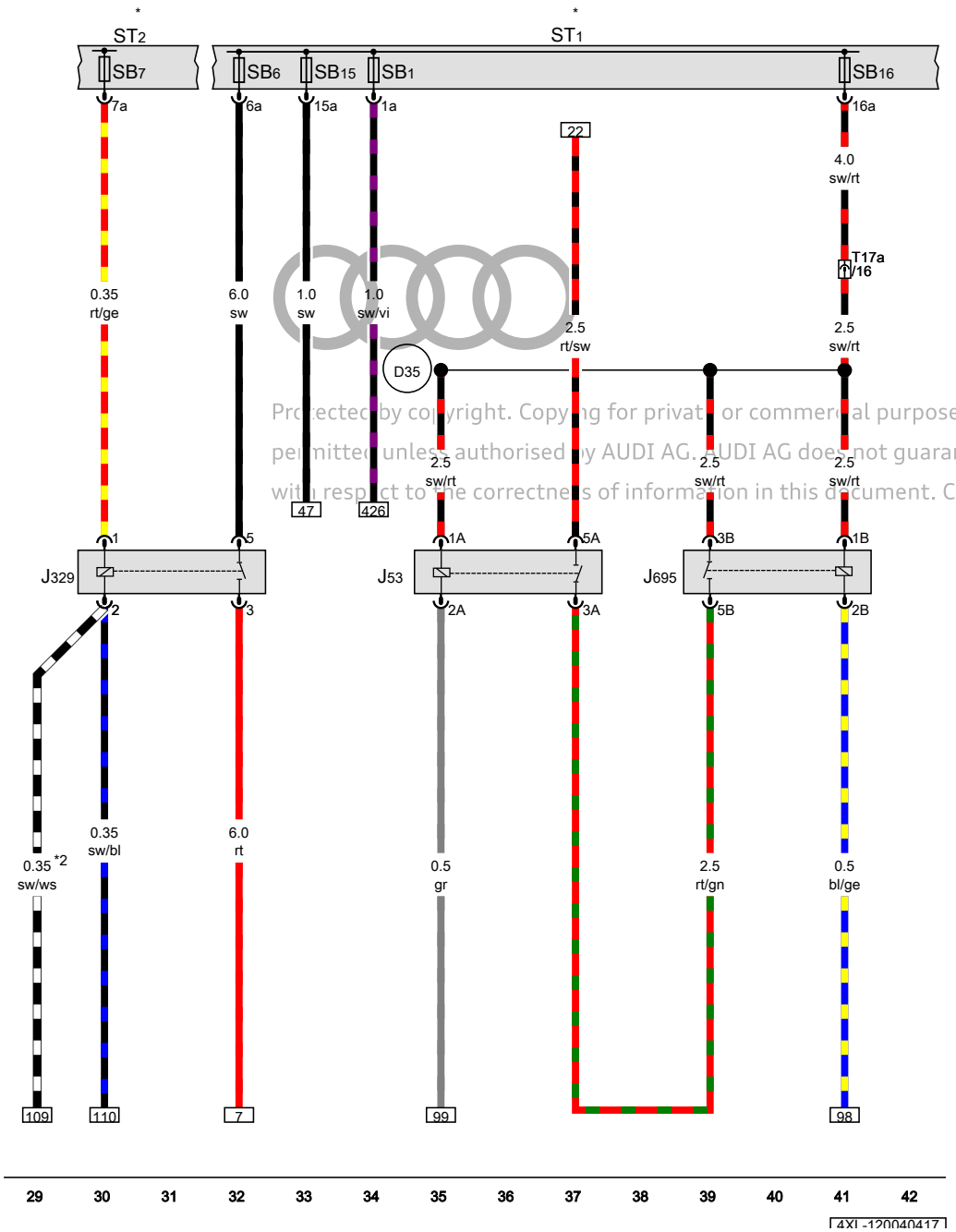


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Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T2	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber
U6	Jump start socket
D210	Connection (50), in engine compartment wiring harness

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sw	=	black
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rt	=	red
br	=	brown
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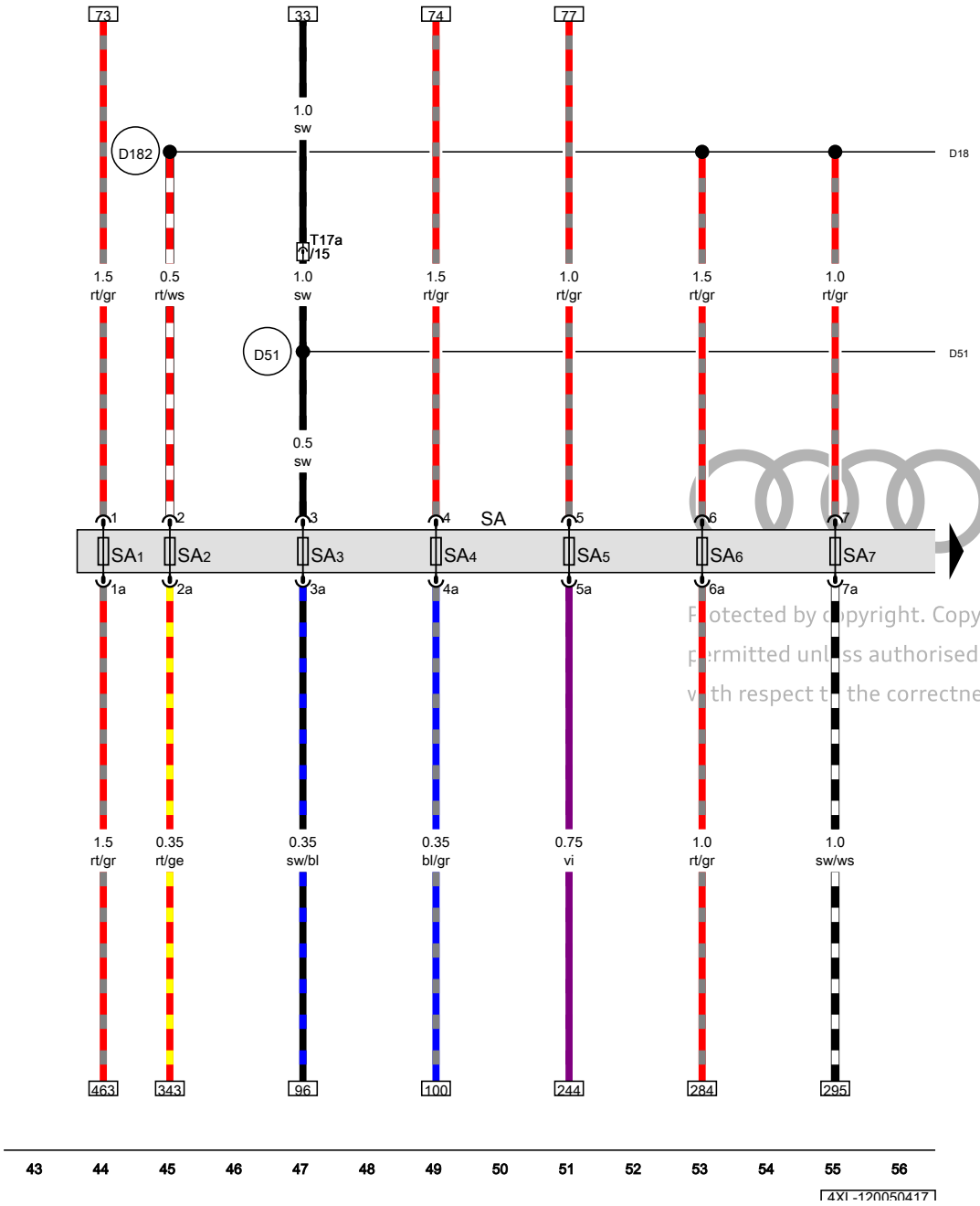


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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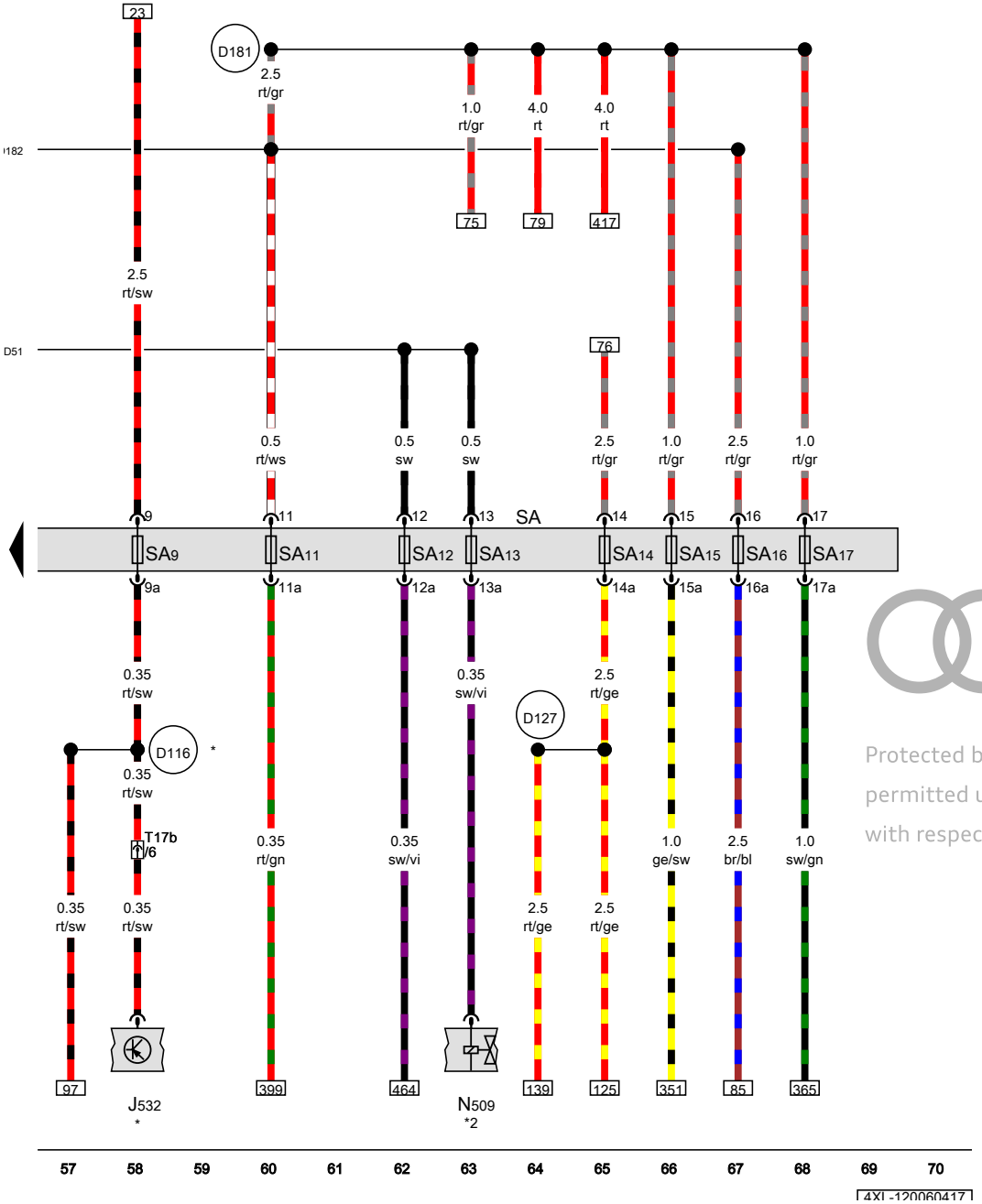


Fuse holder A

SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D51	Positive connection 1 (15), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness

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Fuse holder A

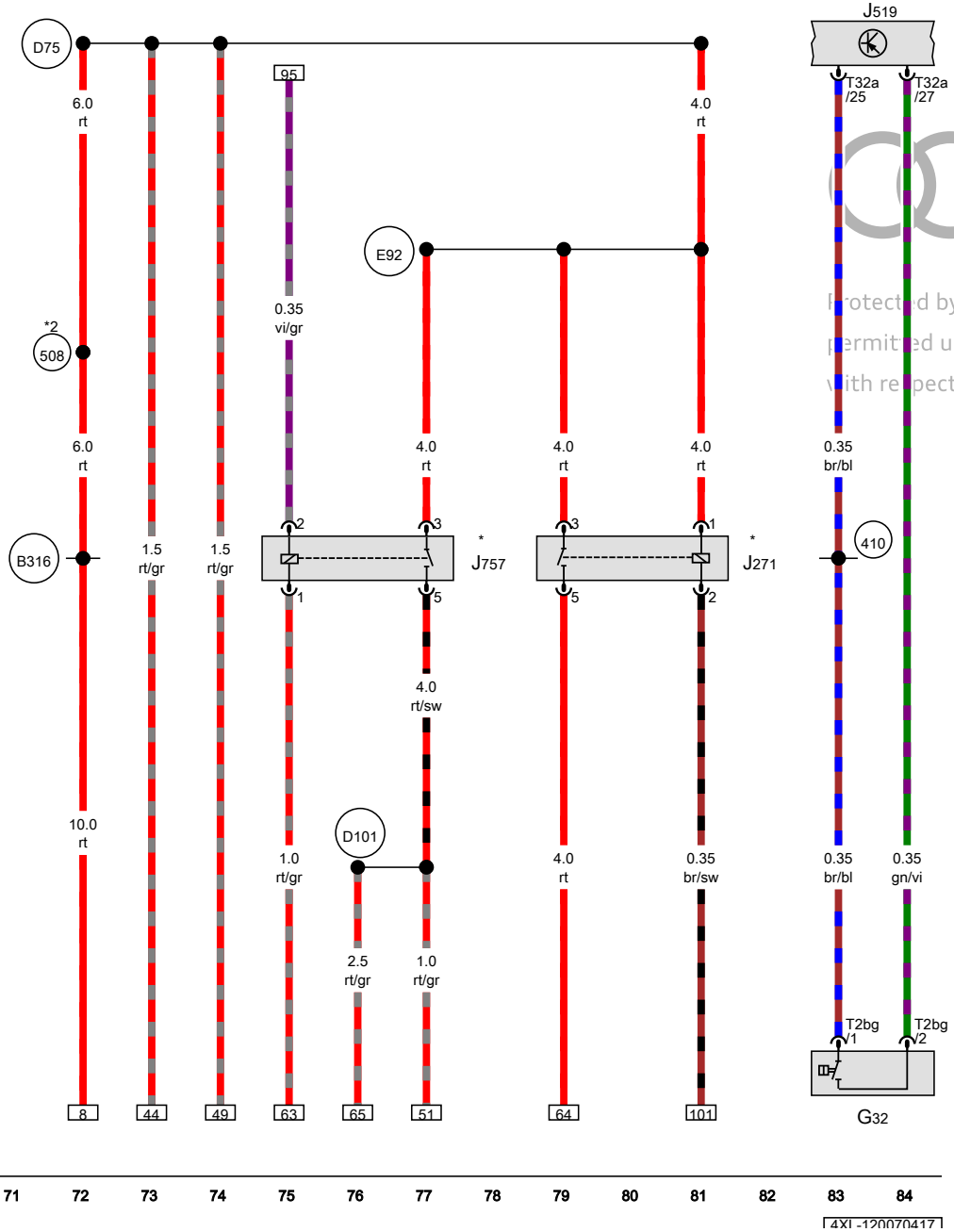
J532	Voltage stabiliser
N509	Gearbox oil cooling valve
SA	Fuse holder A
SA9	Fuse 9 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
SA17	Fuse 17 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D127	Connection 25 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for automatic gearbox

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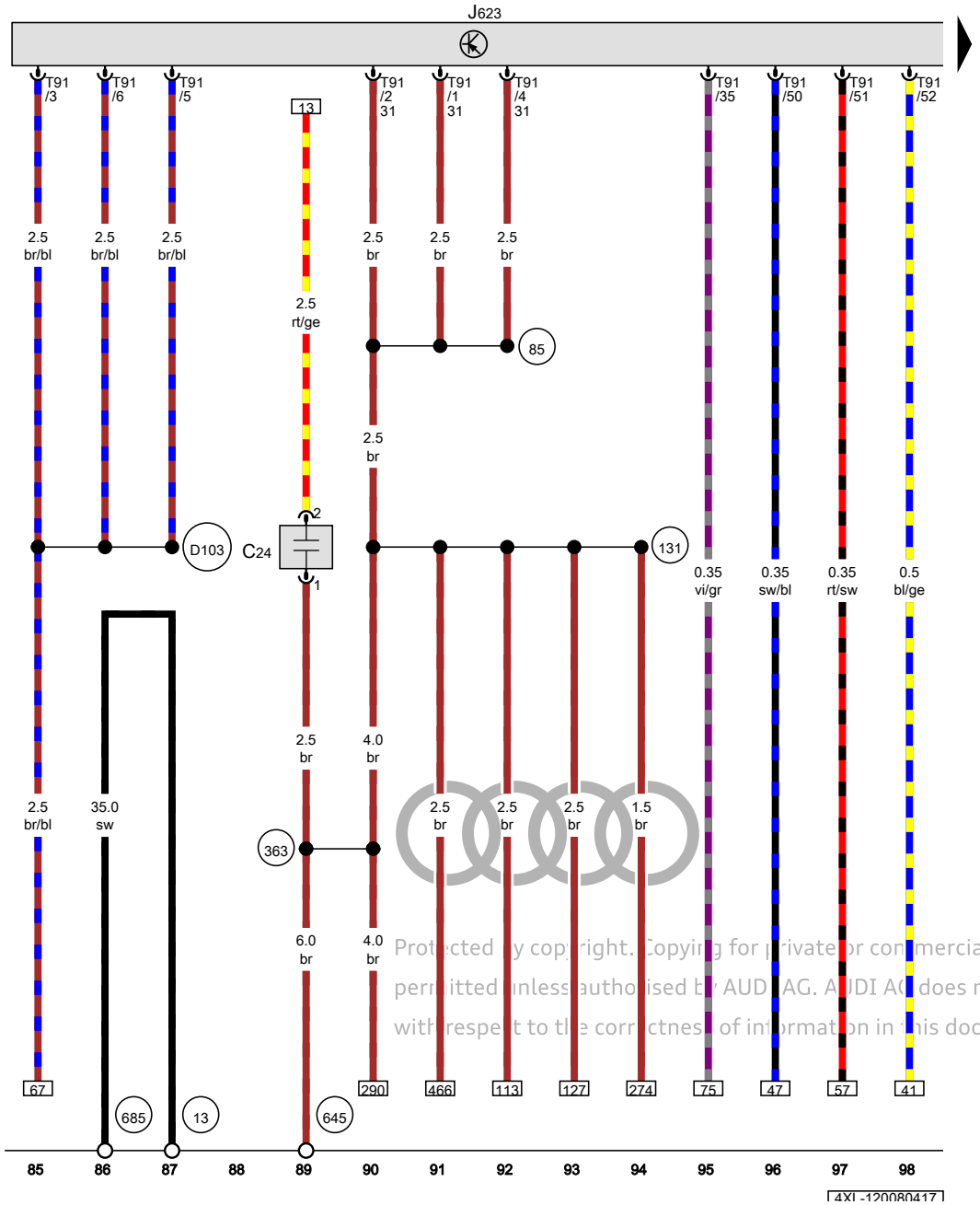
Coolant shortage indicator sender, Main relay, Onboard supply control unit, Engine component current supply relay

G32	Coolant shortage indicator sender
J271	Main relay
J519	Onboard supply control unit
J757	Engine component current supply relay
T2bg	2-pin connector
T32a	32-pin connector
410	Earth connection 1 (sender earth) in main wiring harness
508	Threaded connection (30) on E-box
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
E92	Positive connection 3 (30), in engine compartment wiring harness
*	Relay and fuse carrier, in E-box in plenum chamber
*2	Threaded connection, in E-box in plenum chamber



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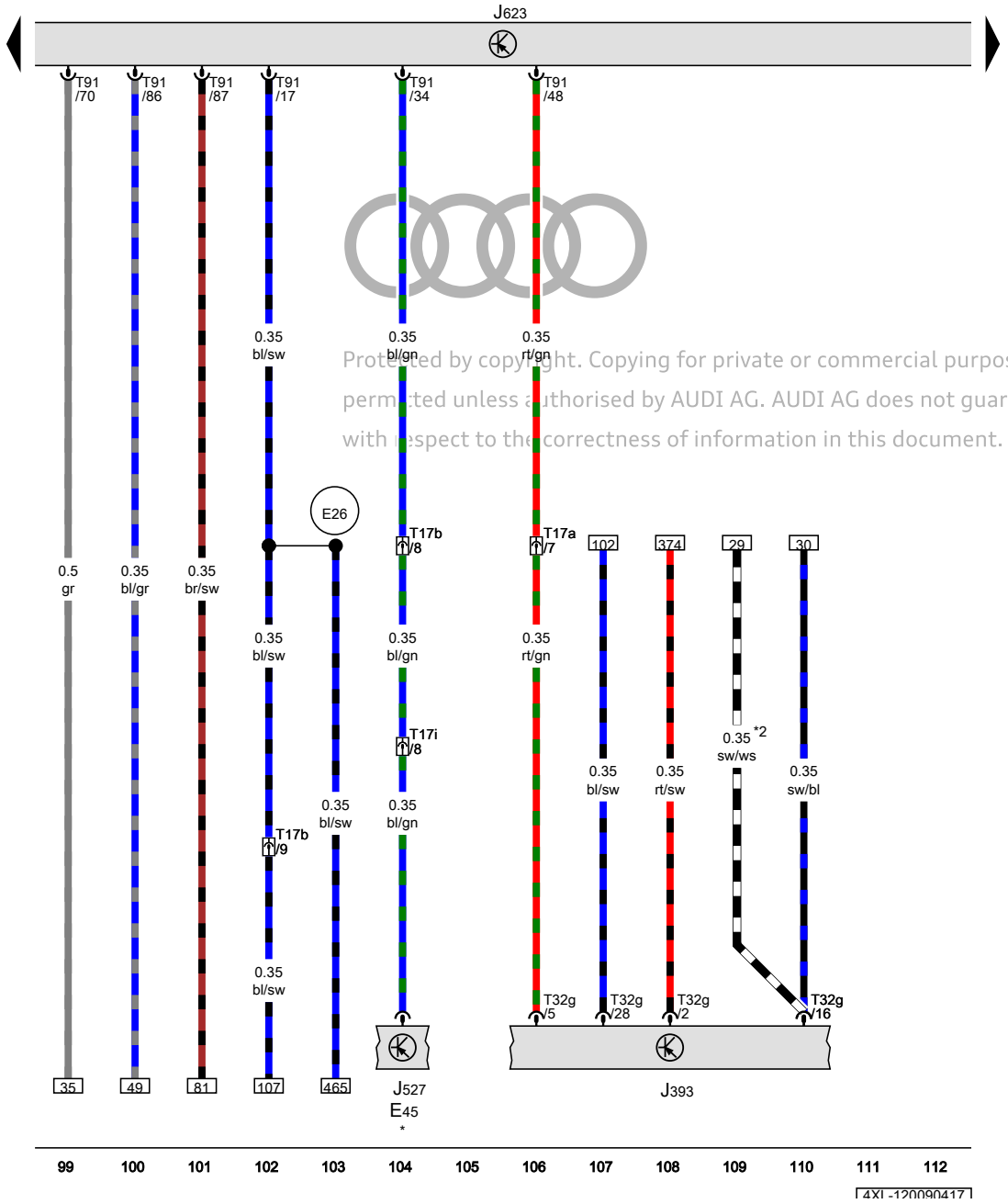


Suppression filter, Engine control unit

C24	Suppression filter
J623	Engine control unit
T91	91-pin connector, black
13	Earth point, on right in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
363	Earth connection 8, in engine compartment wiring harness
645	Earth point 1, on bulkhead
685	Earth point 1, on front of right longitudinal member
D103	Connection 3 in engine compartment wiring harness

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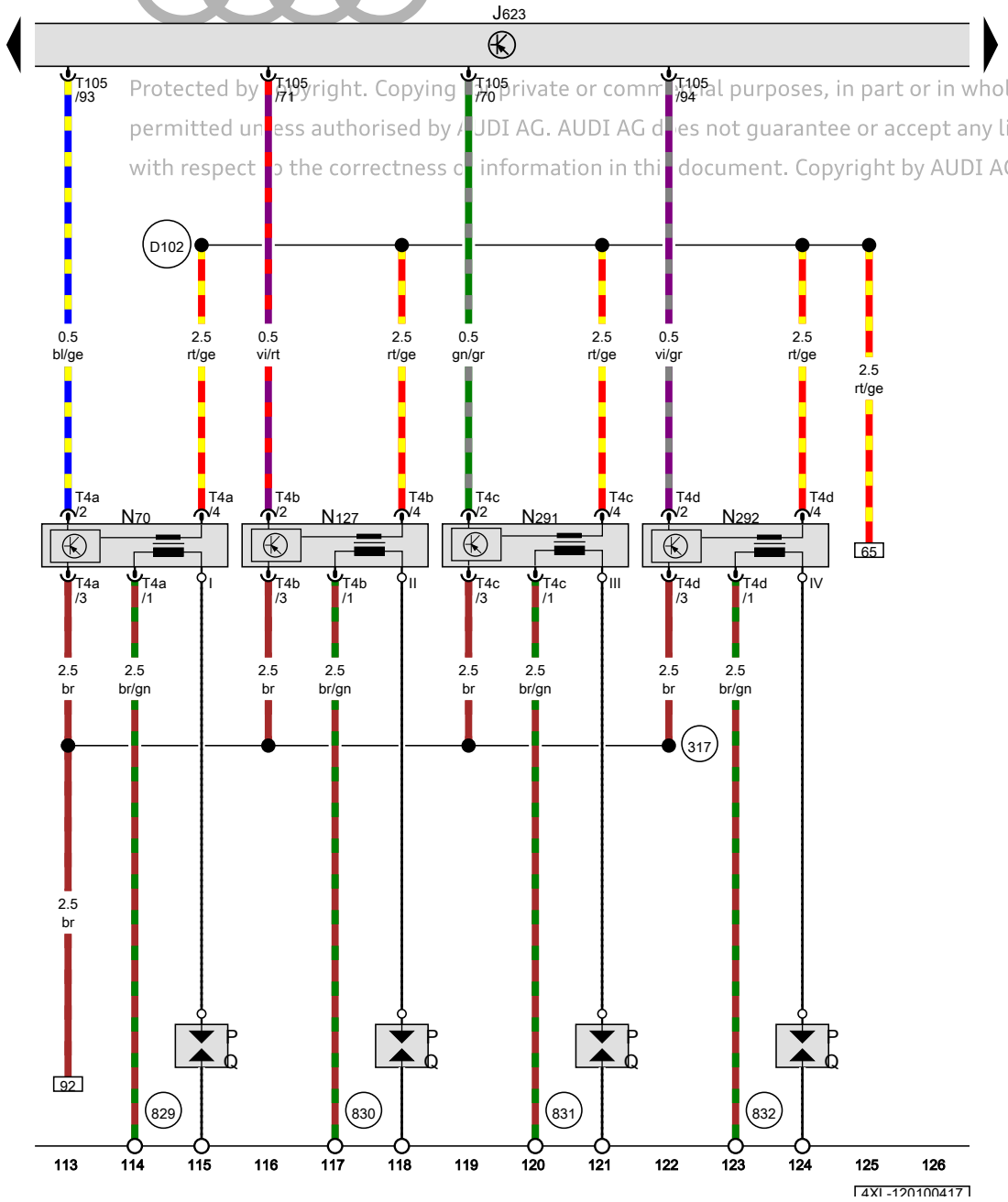
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Engine control unit

E45	Cruise control system switch
J393	Convenience system central control unit
J527	Steering column electronics control unit
J623	Engine control unit
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T32g	32-pin connector
T91	91-pin connector, black
E26	Connection (selector position P/N), in Motronic wiring harness
*	Only models with cruise control system (CCS)
*2	Only right-hand drive models

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sw	=	black
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rt	=	red
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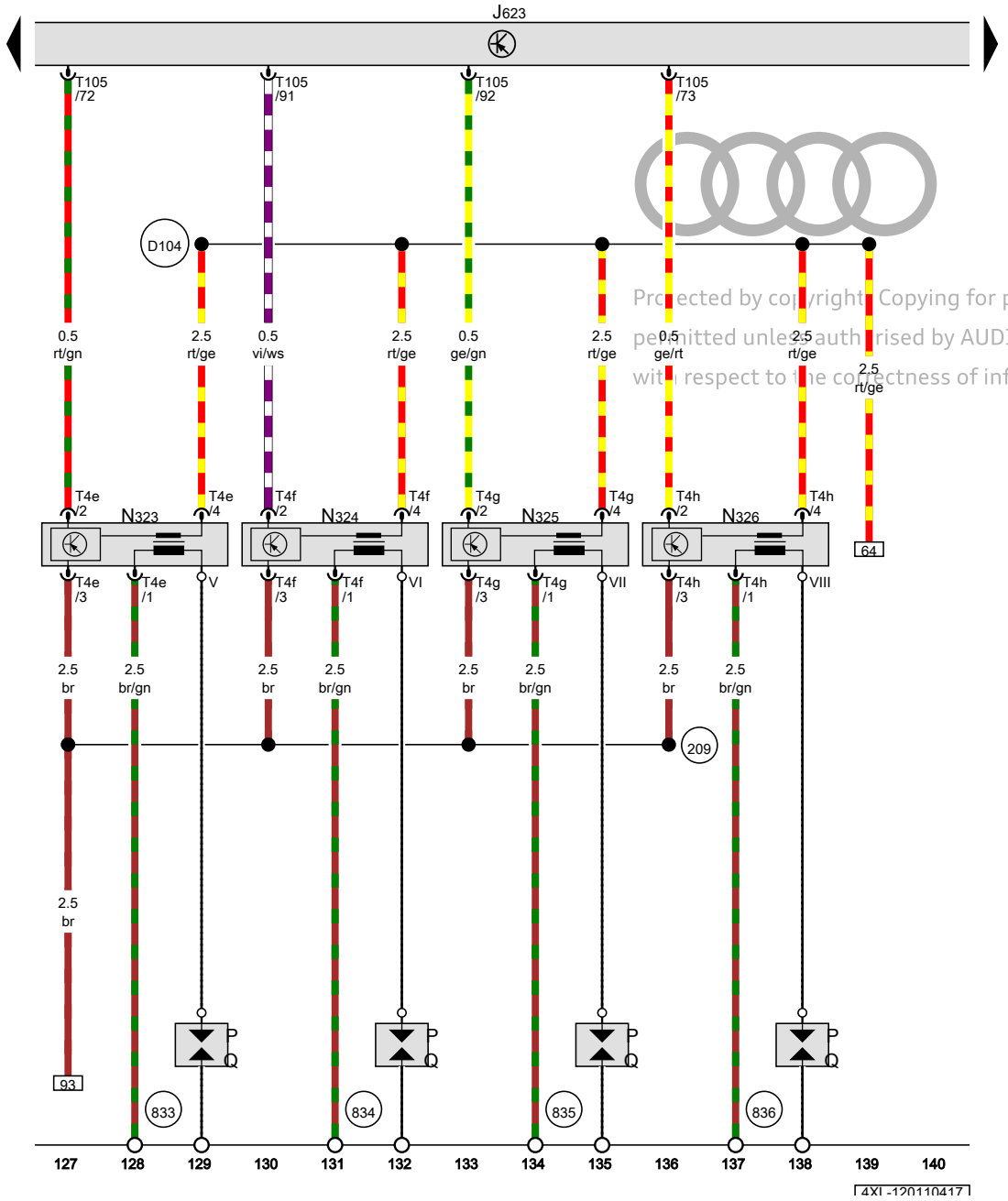
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Engine control unit, Ignition coil 1 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T105	105-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
829	Earth point 1, on cylinder head
830	Earth point 2, on cylinder head
831	Earth point 3, on cylinder head
832	Earth point 4, on cylinder head
D102	Connection 2 in engine compartment wiring harness

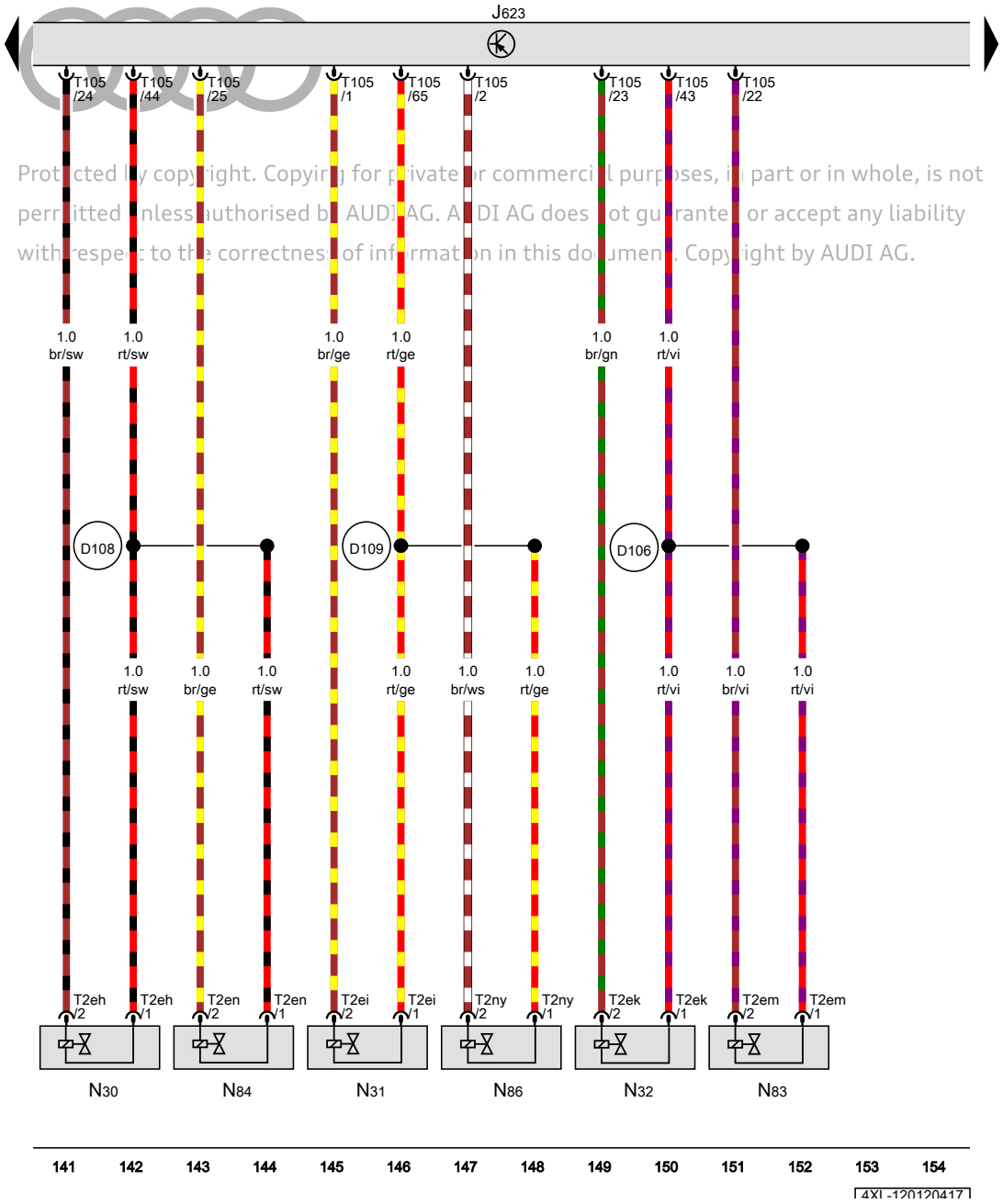


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Engine control unit, Ignition coil 5 with output stage, Spark plug connector, Spark plugs

J623	Engine control unit
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
N325	Ignition coil 7 with output stage
N326	Ignition coil 8 with output stage
P	Spark plug connector
Q	Spark plugs
T4e	4-pin connector, black
T4f	4-pin connector, black
T4g	4-pin connector, black
T4h	4-pin connector, black
T105	105-pin connector, black
209	Earth connection 6, in engine compartment wiring harness
833	Earth point 5, on cylinder head
834	Earth point 6, on cylinder head
835	Earth point 7, on cylinder head
836	Earth point 8, on cylinder head
D104	Positive connection 2 (30a), in engine compartment wiring harness

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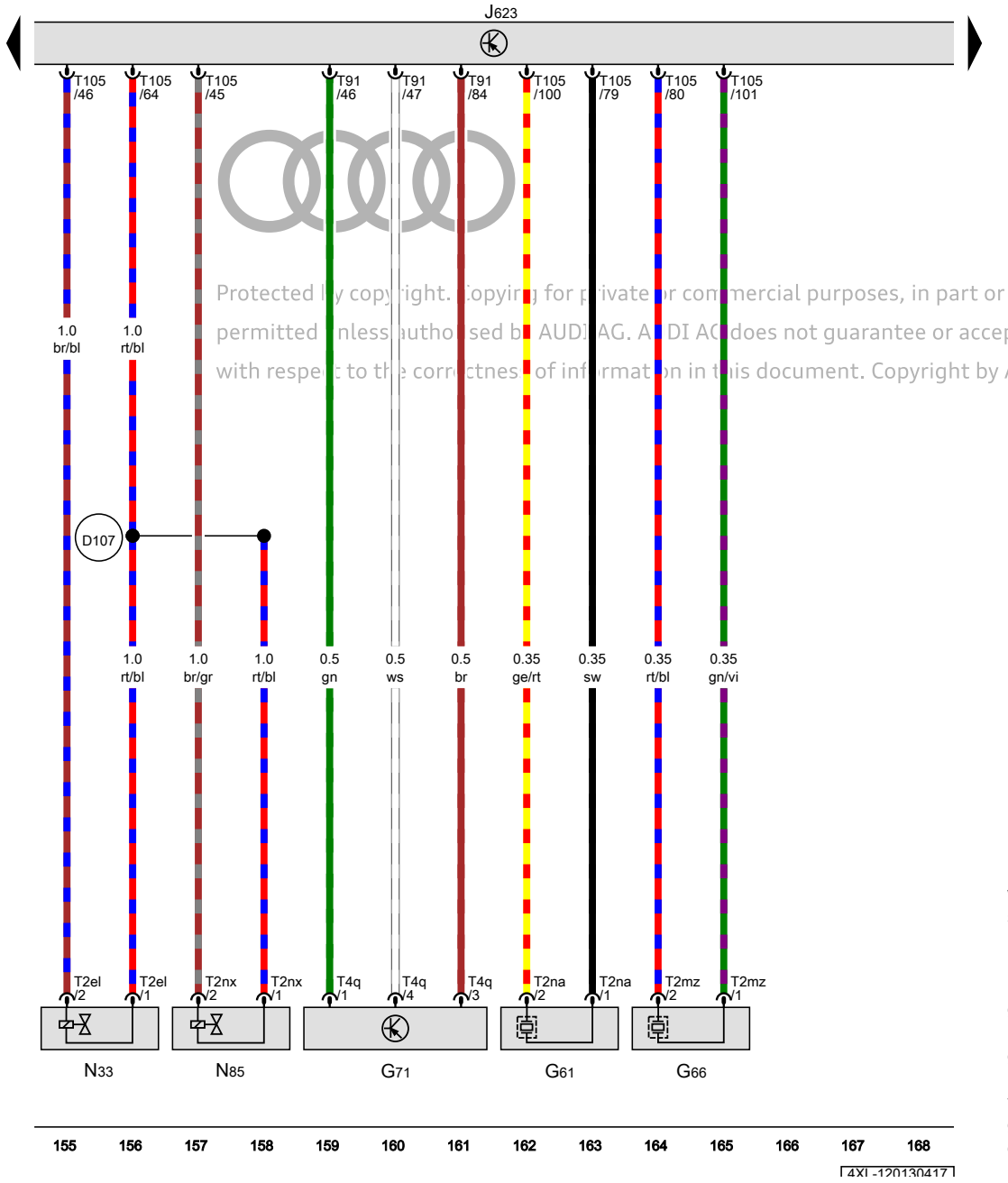


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 5, Injector, cylinder 6, Injector, cylinder 8

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N83	Injector, cylinder 5
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T2ny	2-pin connector
T105	105-pin connector, black
D106	Connection 4 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

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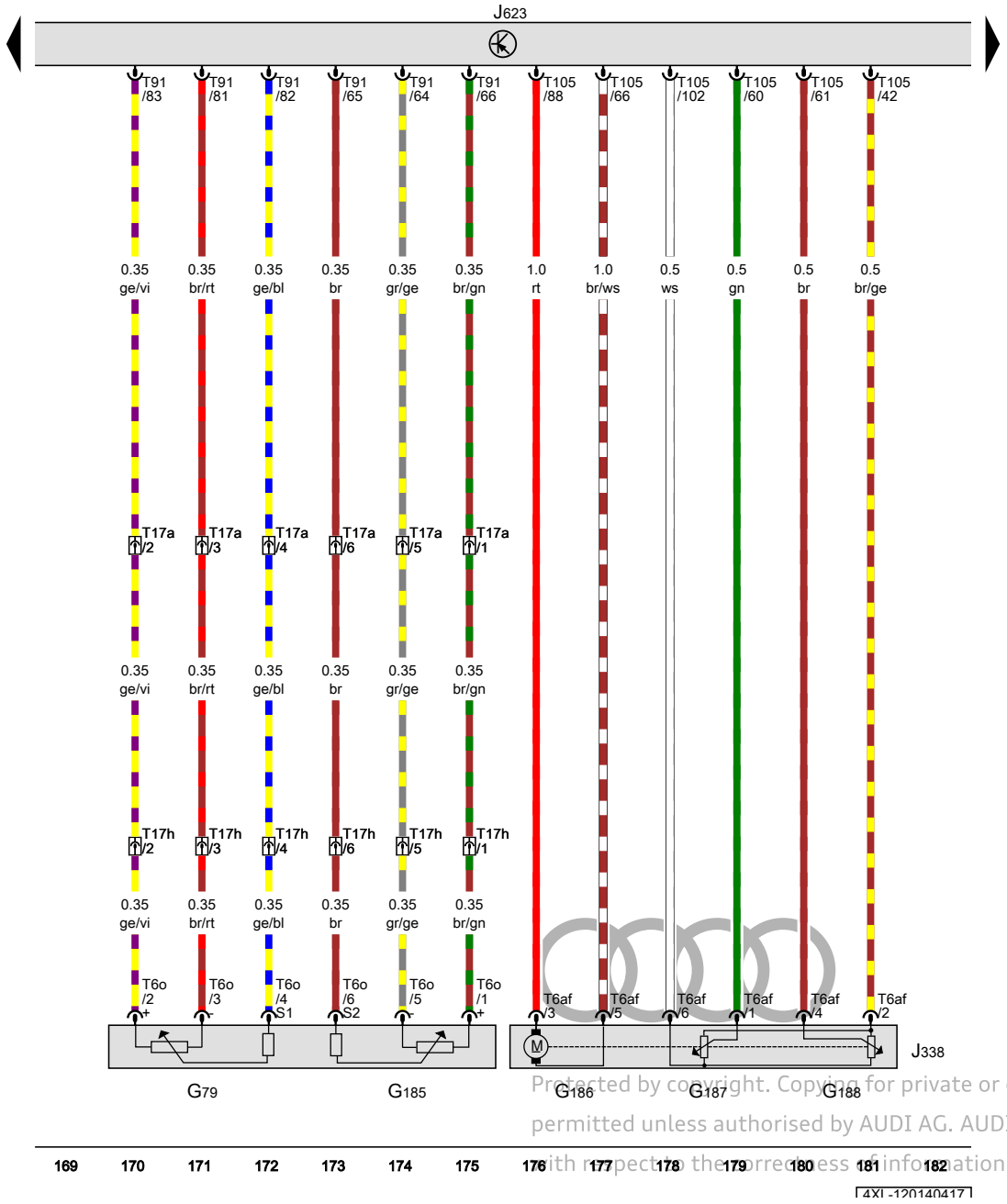
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Knock sensor 1, Knock sensor 2, Intake manifold pressure sender, Engine control unit, Injector, cylinder 4, Injector, cylinder 7

G61	Knock sensor 1
G66	Knock sensor 2
G71	Intake manifold pressure sender
J623	Engine control unit
N33	Injector, cylinder 4
N85	Injector, cylinder 7
T2el	2-pin connector
T2mz	2-pin connector
T2na	2-pin connector
T2nx	2-pin connector
T4q	4-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D107	Connection 5 in engine compartment wiring harness

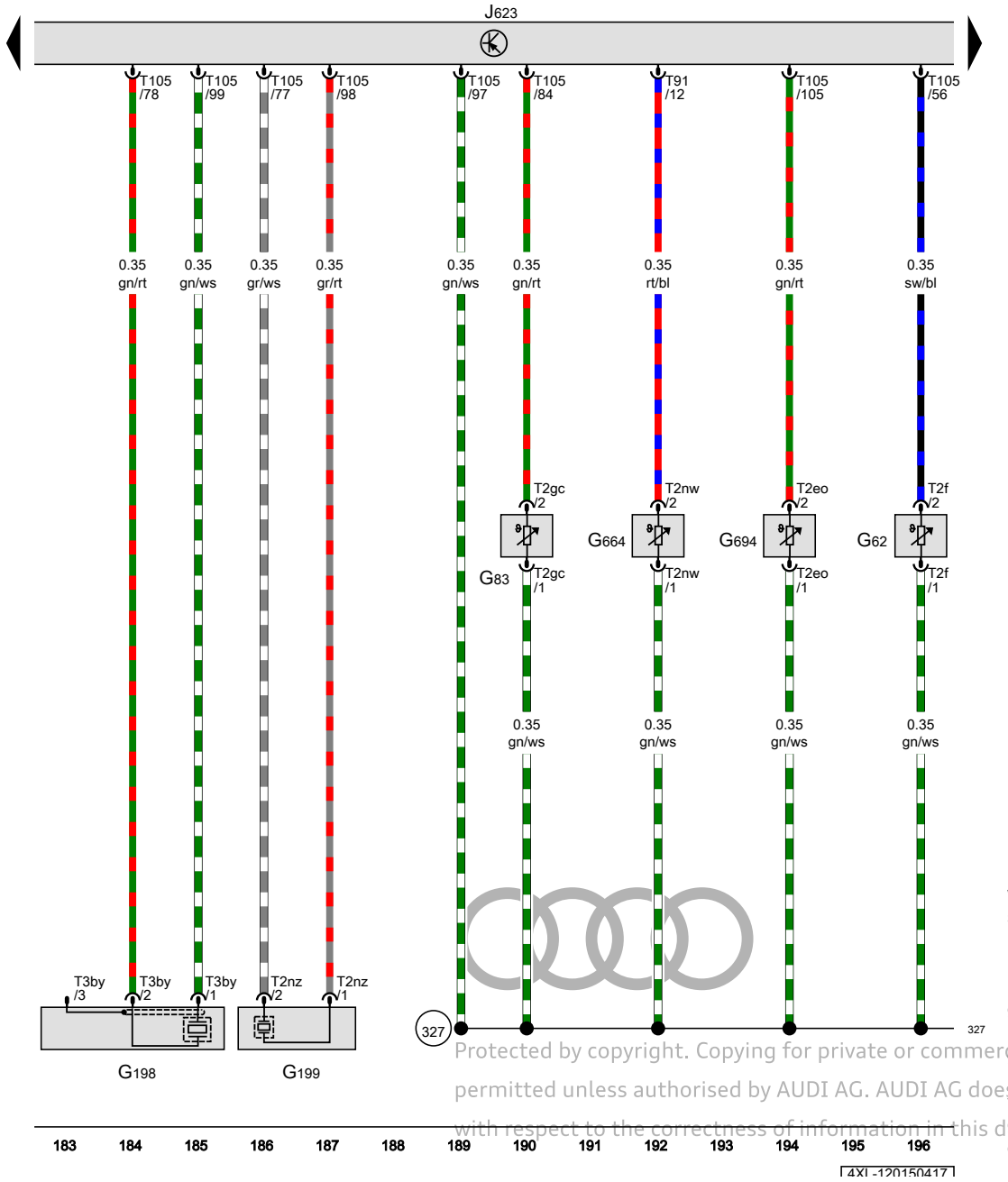
Accelerator position sender, Throttle valve module, Engine control unit



G79	Accelerator position sender
G185	Accelerator position sender 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T6af	6-pin connector
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T91	91-pin connector, black
T105	105-pin connector, black

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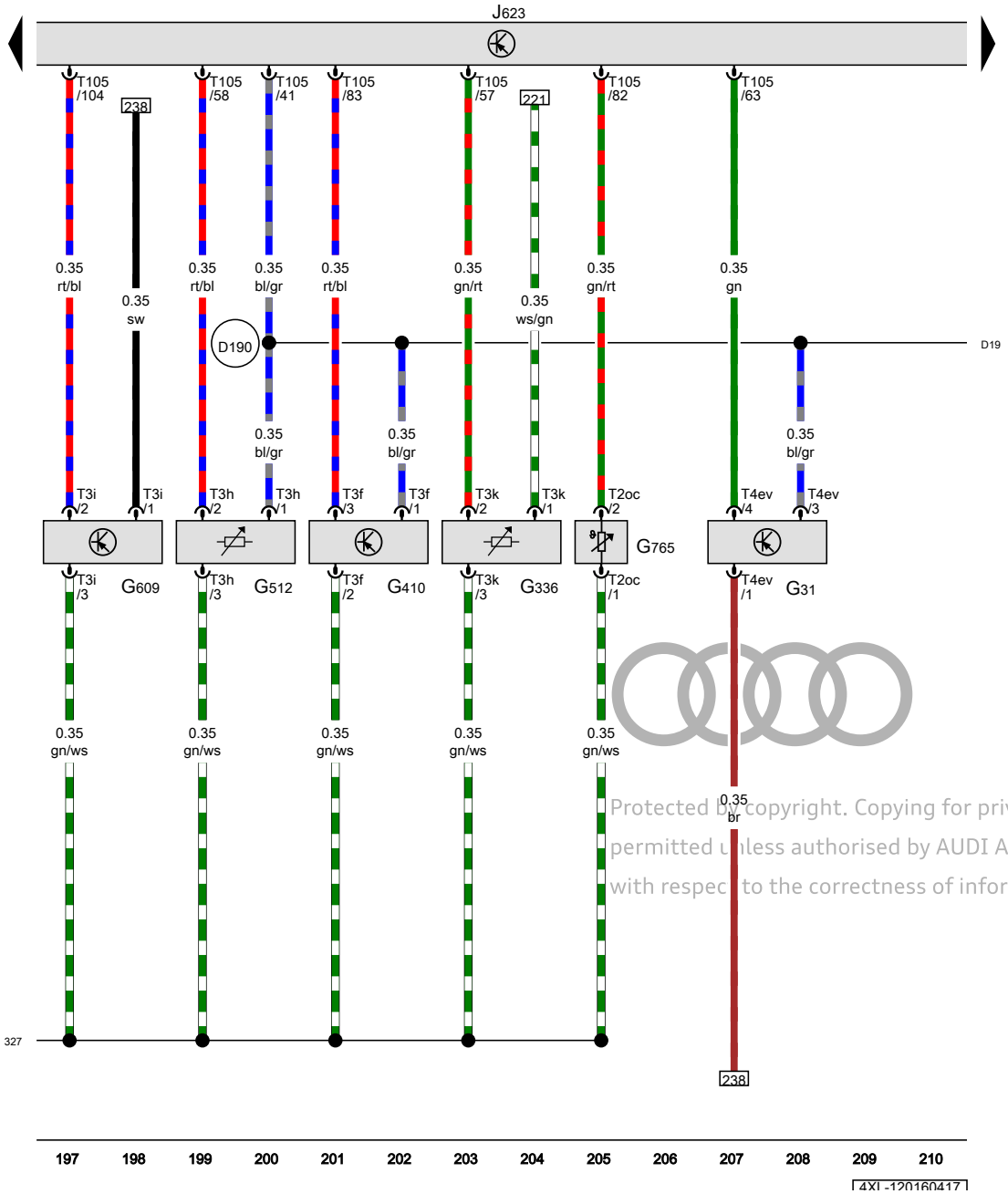


Coolant temperature sender, Radiator outlet coolant temperature sender, Knock sensor 3, Knock sensor 4, Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G198	Knock sensor 3
G199	Knock sensor 4
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T2eo	2-pin connector
T2f	2-pin connector
T2gc	2-pin connector
T2nw	2-pin connector
T2nz	2-pin connector
T3by	3-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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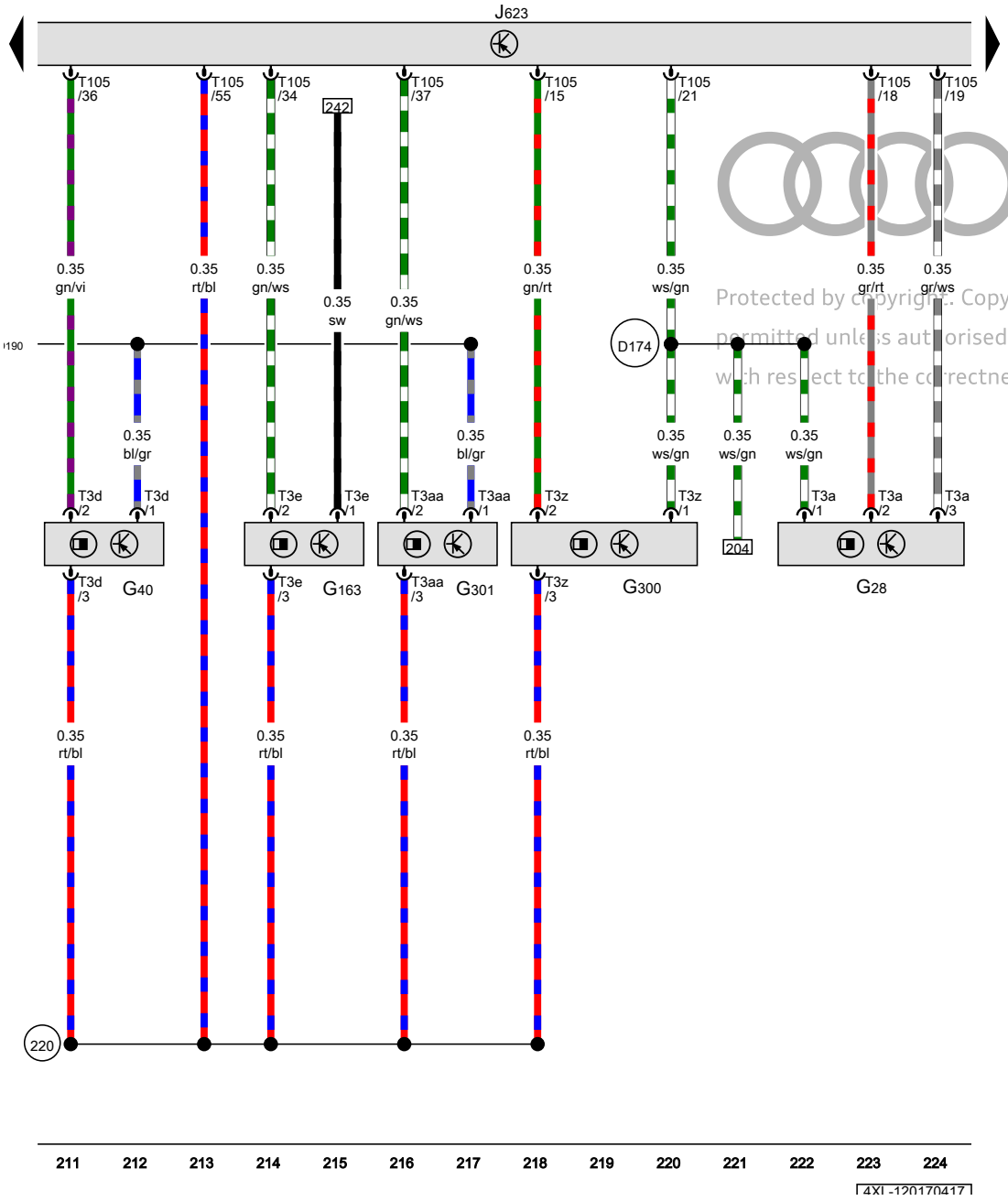


Charge pressure sender, Intake manifold flap potentiometer, Fuel pressure sender for low pressure, Intake manifold flap potentiometer 2, Sender 1 for secondary air pressure, Temperature sender for engine cover panel, Engine control unit

G31	Charge pressure sender
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low pressure
G512	Intake manifold flap potentiometer 2
G609	Sender 1 for secondary air pressure
G765	Temperature sender for engine cover panel
J623	Engine control unit
T2oc	2-pin connector
T3f	3-pin connector
T3h	3-pin connector
T3i	3-pin connector
T3k	3-pin connector
T4ev	4-pin connector
T105	105-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness

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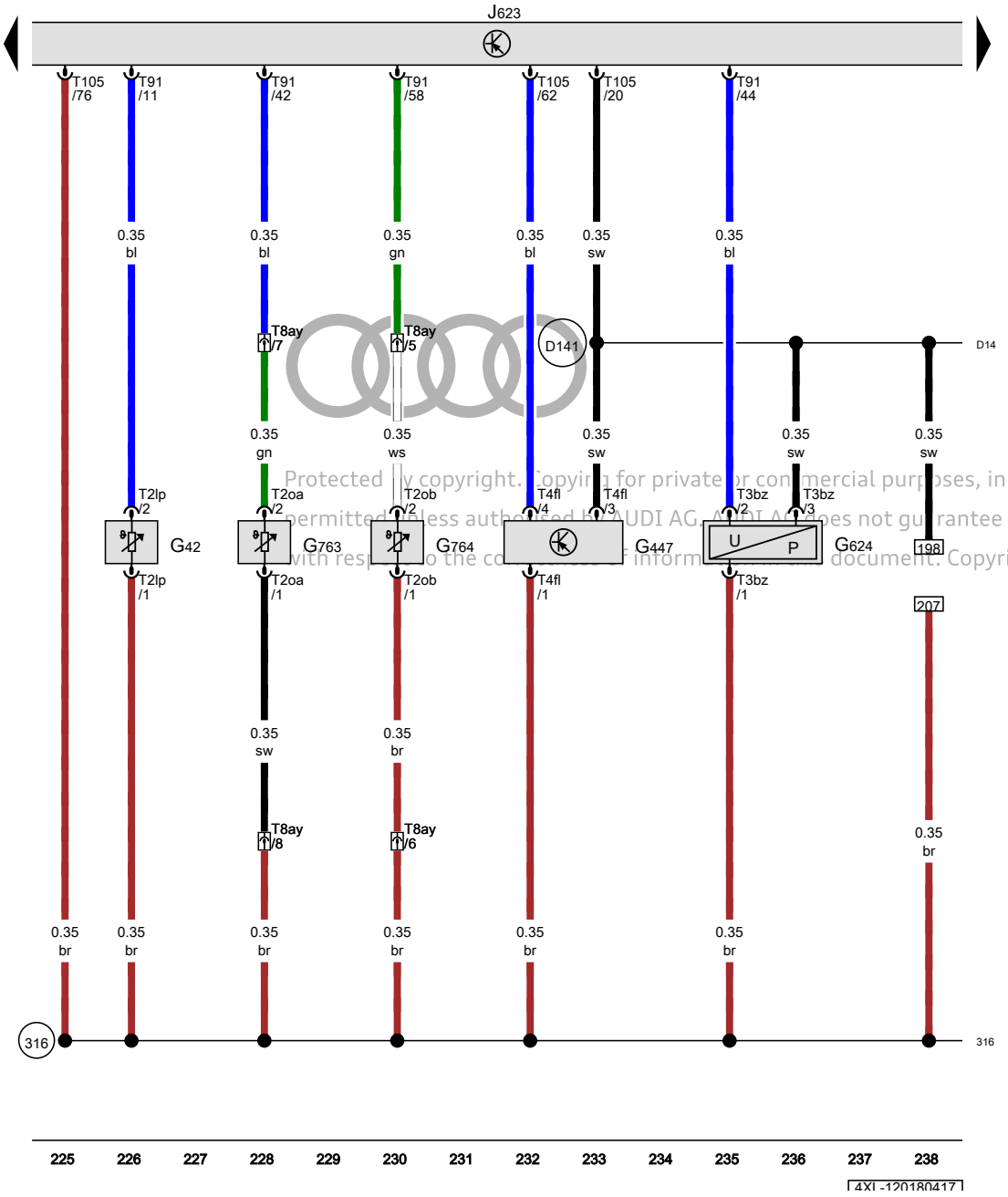


Engine speed sender, Hall sender, Hall sender 2, Hall sender 3, Hall sender 4, Engine control unit

G28	Engine speed sender
G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G301	Hall sender 4
J623	Engine control unit
T3a	3-pin connector
T3aa	3-pin connector
T3d	3-pin connector
T3e	3-pin connector
T3z	3-pin connector
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness

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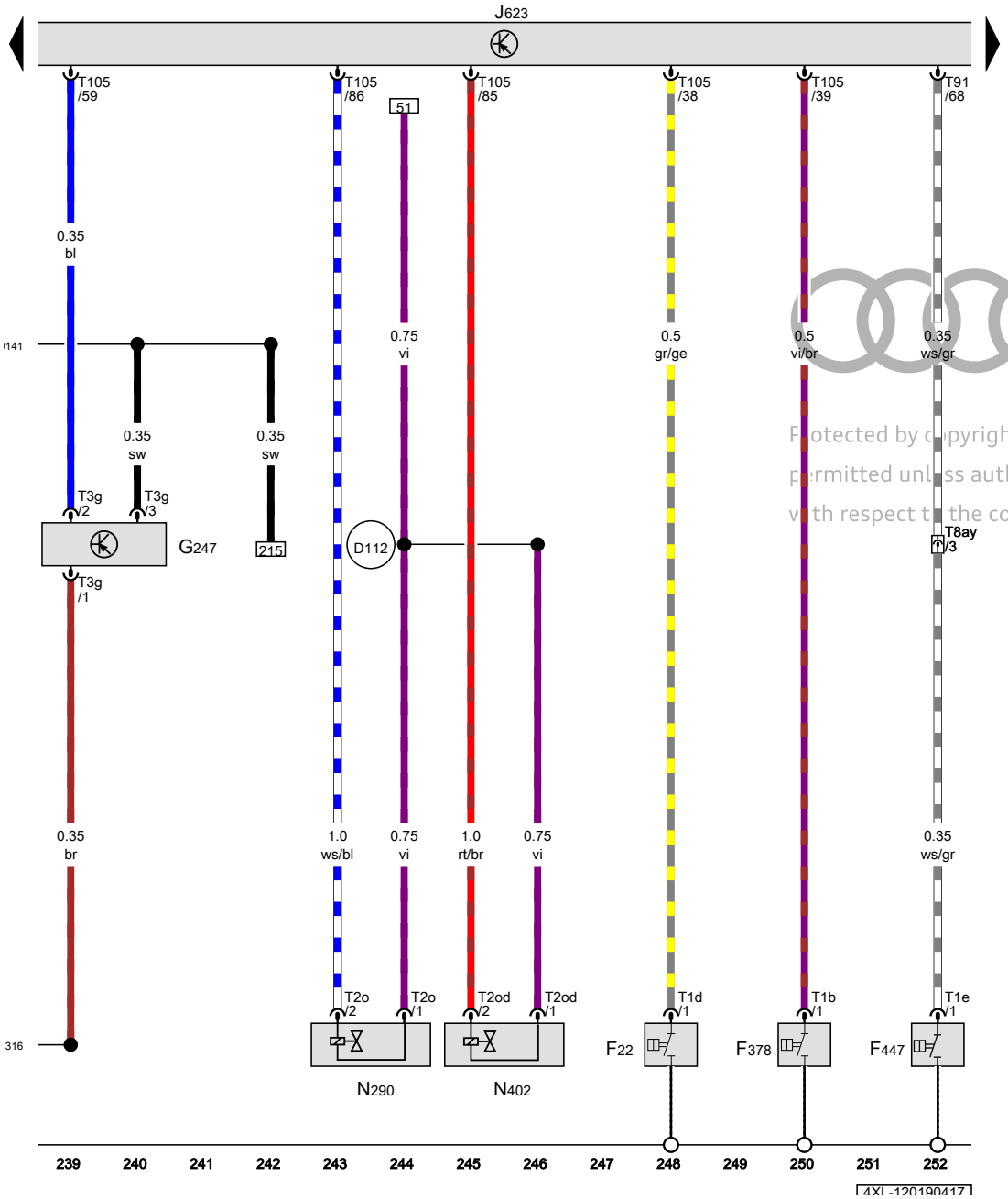


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Intake air temperature sender, Charge pressure sender 2, Fuel pressure sender 2, Temperature sender 1 for charge air cooler, Engine control unit

G42	Intake air temperature sender
G447	Charge pressure sender 2
G624	Fuel pressure sender 2
G763	Temperature sender 1 for charge air cooler
G764	Temperature sender 2 for charge air cooler
J623	Engine control unit
T2lp	2-pin connector
T2oa	2-pin connector
T2ob	2-pin connector
T3bz	3-pin connector
T4fl	4-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D141	Connection (5V) in engine prewiring harness

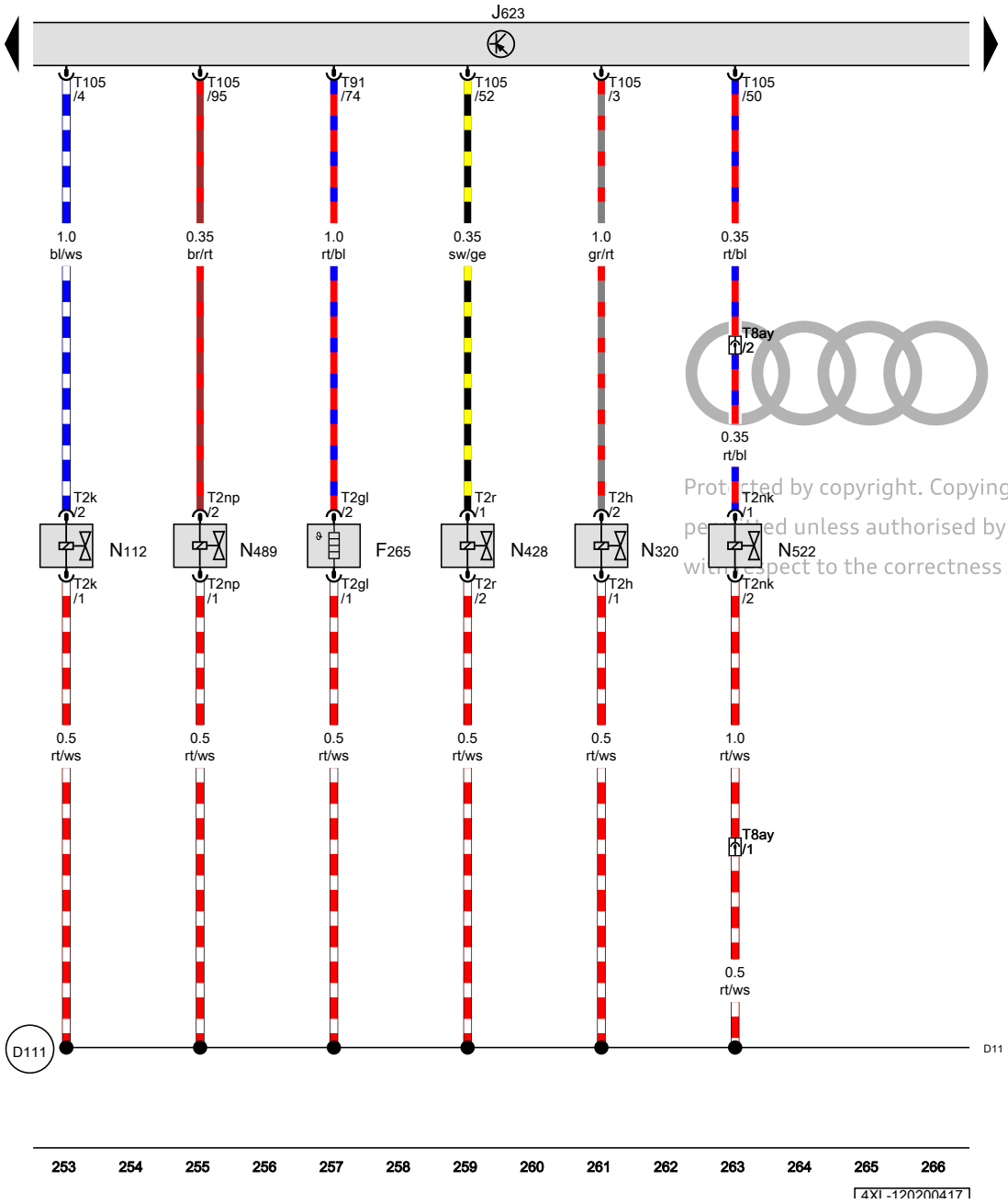


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Stage 3 oil pressure switch, Fuel pressure sender, Engine control unit, Fuel metering valve

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G247	Fuel pressure sender
J623	Engine control unit
N290	Fuel metering valve
N402	Fuel metering valve 2
T1b	1-pin connector
T1d	1-pin connector
T1e	1-pin connector
T2o	2-pin connector
T2od	2-pin connector
T3g	3-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D112	Connection 10 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

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Map-controlled engine cooling system thermostat, Engine control unit, Secondary air inlet valve, Secondary air inlet valve 2, Valve for oil pressure control, Coolant valve for cylinder head, Piston cooling jet control valve

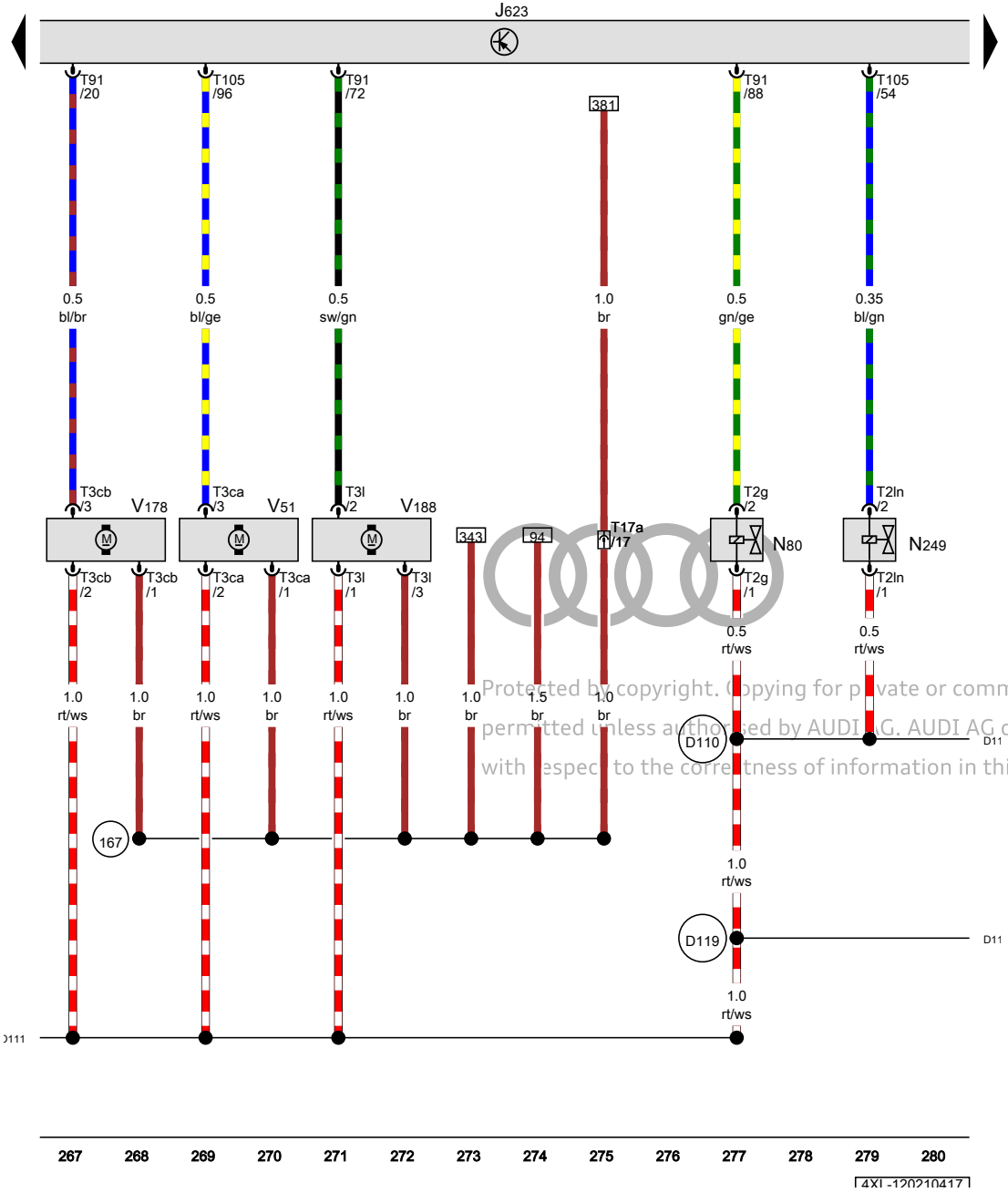
F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
N522	Piston cooling jet control valve
T2gl	2-pin connector
T2h	2-pin connector
T2k	2-pin connector
T2nk	2-pin connector
T2np	2-pin connector
T2r	2-pin connector
T8ay	8-pin connector, front right in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
D111	Connection 9 in engine compartment wiring harness

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Engine control unit, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Continued coolant circulation pump, Coolant circulation pump 2, Charge air cooling pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N249	Turbocharger air recirculation valve
T2g	2-pin connector
T2ln	2-pin connector
T3ca	3-pin connector
T3cb	3-pin connector
T3l	3-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
V178	Coolant circulation pump 2
V188	Charge air cooling pump
167	Earth connection 4, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

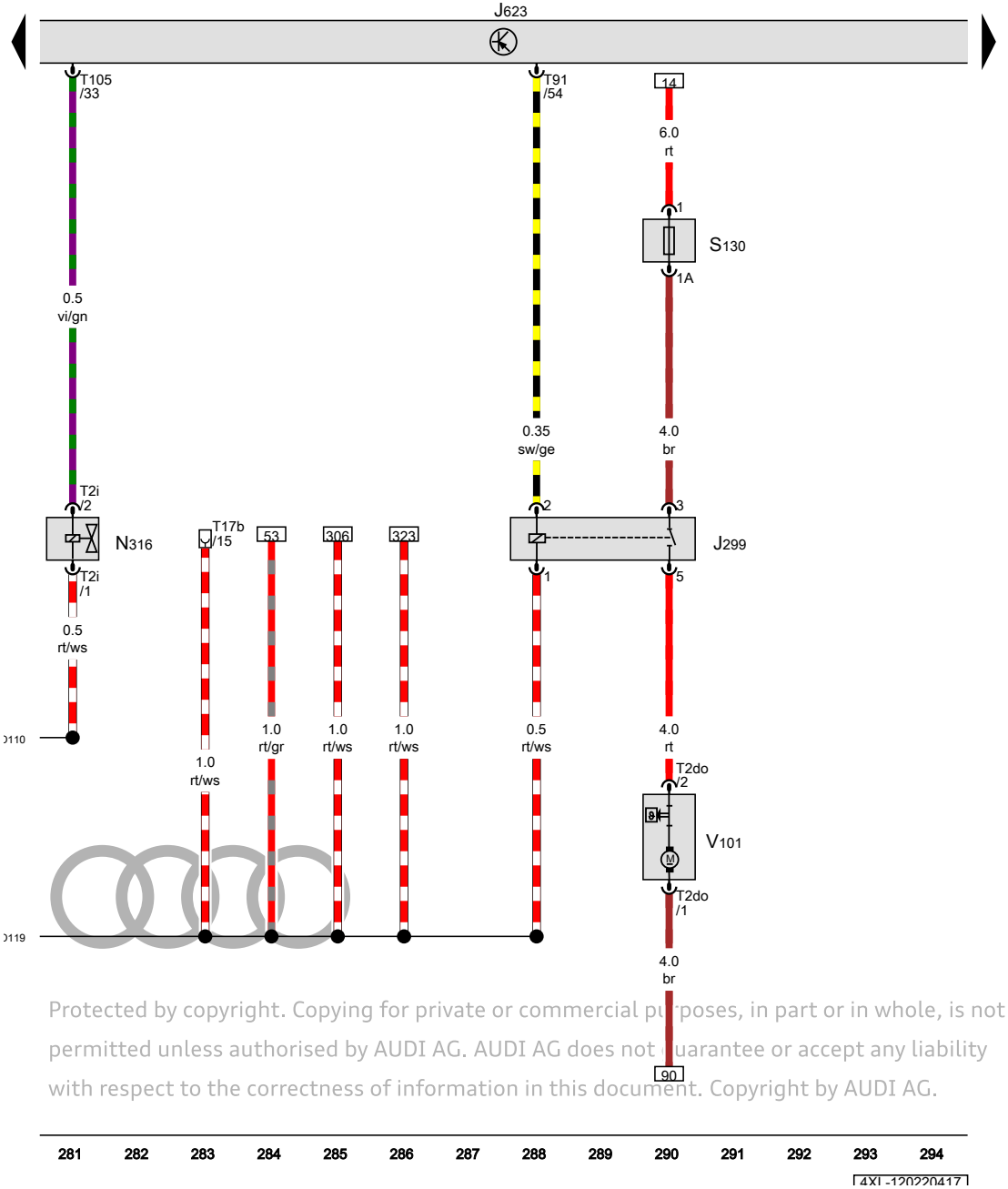


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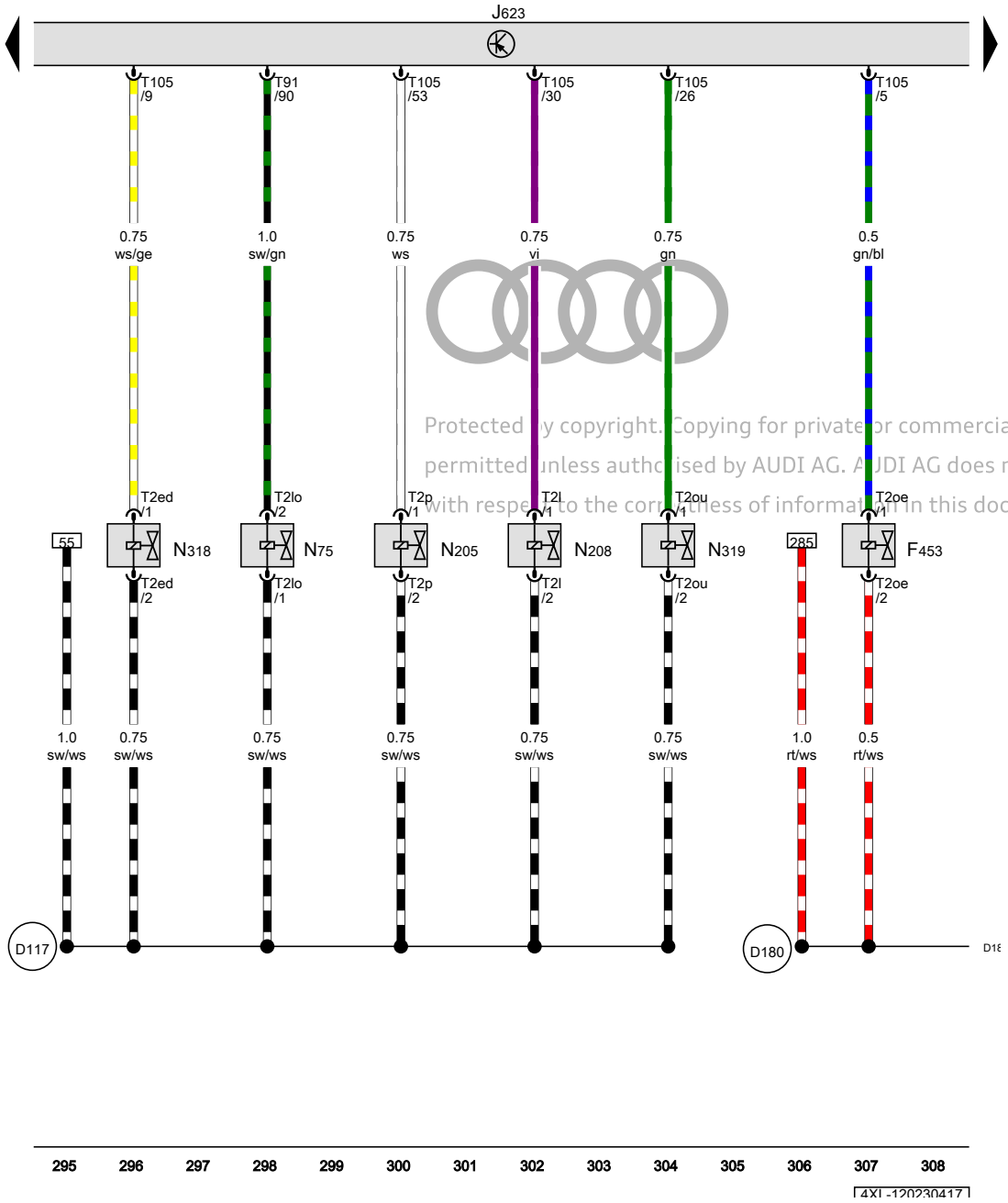
Secondary air pump relay, Engine control unit, Intake manifold flap valve, Secondary air pump fuse

J299	Secondary air pump relay
J623	Engine control unit
N316	Intake manifold flap valve
S130	Secondary air pump fuse
T2do	2-pin connector
T2i	2-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
V101	Secondary air pump motor
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness



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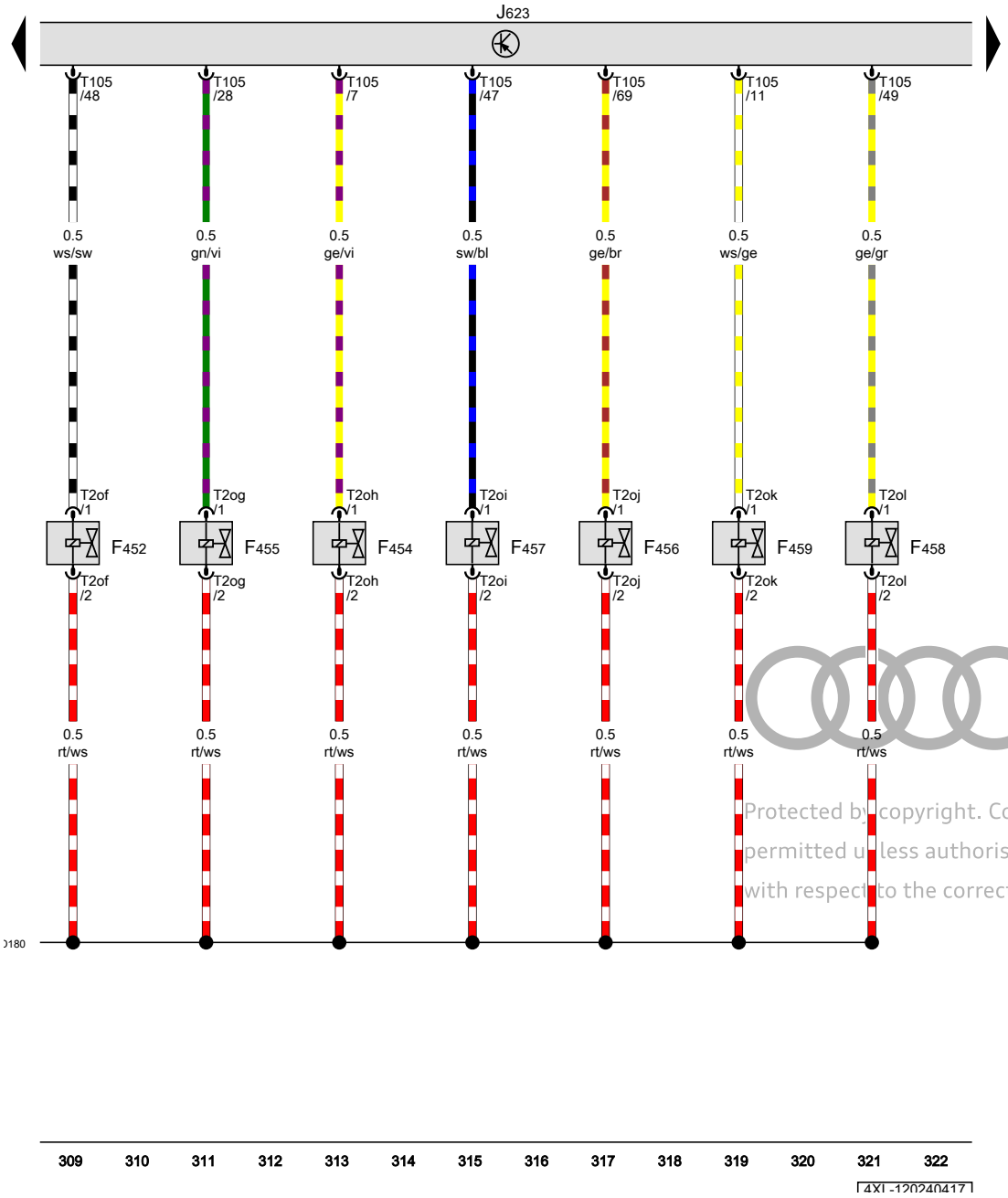


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Inlet cam actuator 2 for cylinder 2, Engine control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Exhaust camshaft control valve 1

F453	Inlet cam actuator 2 for cylinder 2
J623	Engine control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T2ed	2-pin connector
T2l	2-pin connector
T2lo	2-pin connector
T2oe	2-pin connector
T2ou	2-pin connector
T2p	2-pin connector
T91	91-pin connector, black
T105	105-pin connector, black
D117	Connection 15 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness

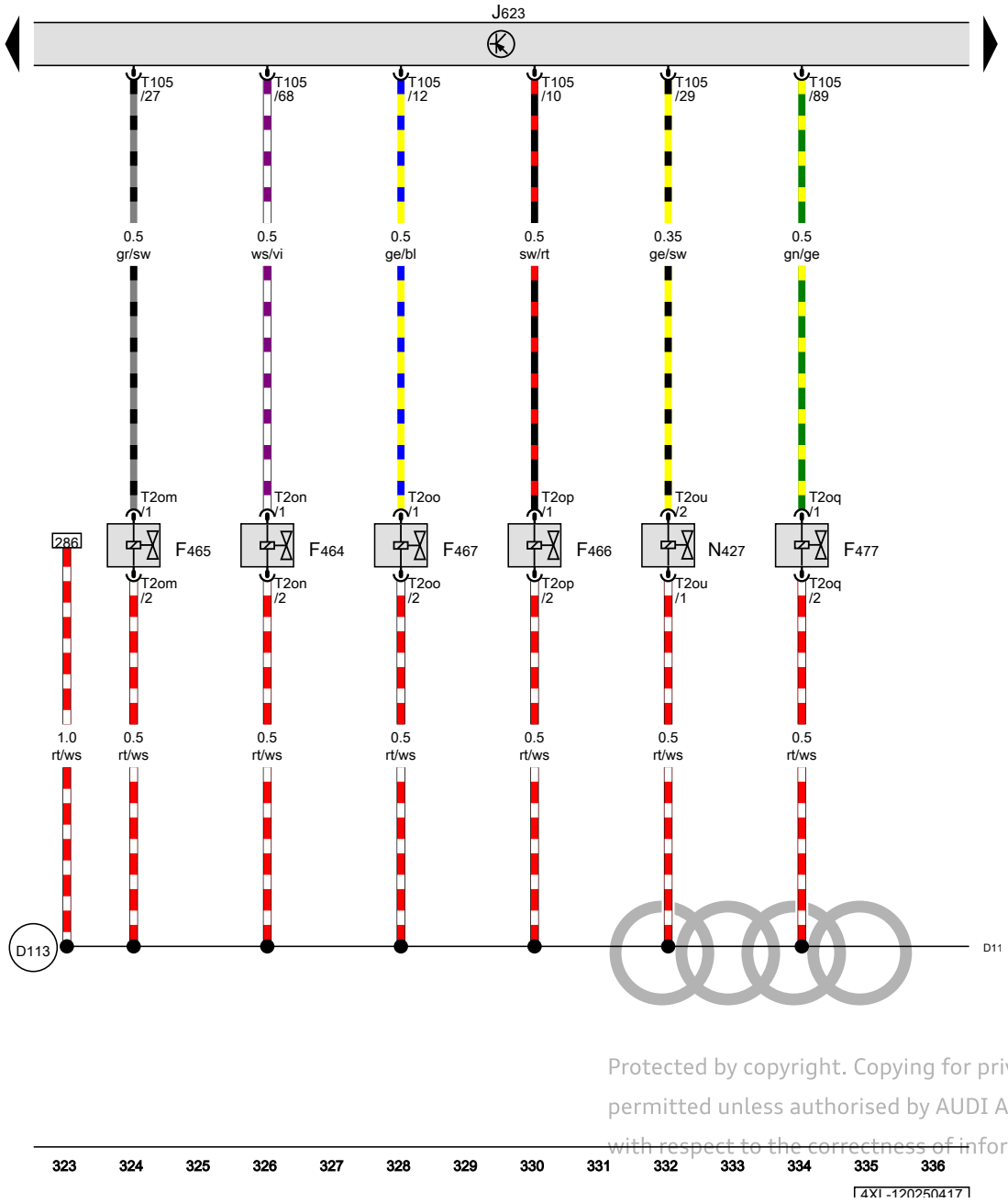


Inlet cam actuator 2 for cylinder 3, Engine control unit

F452	Inlet cam actuator 1 for cylinder 2
F454	Exhaust cam actuator 1 for cylinder 2
F455	Exhaust cam actuator 2 for cylinder 2
F456	Inlet cam actuator 1 for cylinder 3
F457	Inlet cam actuator 2 for cylinder 3
F458	Exhaust cam actuator 1 for cylinder 3
F459	Exhaust cam actuator 2 for cylinder 3
J623	Engine control unit
T2of	2-pin connector
T2og	2-pin connector
T2oh	2-pin connector
T2oi	2-pin connector
T2oj	2-pin connector
T2ok	2-pin connector
T2ol	2-pin connector
T105	105-pin connector, black
D180	Connection (87a), in engine compartment wiring harness

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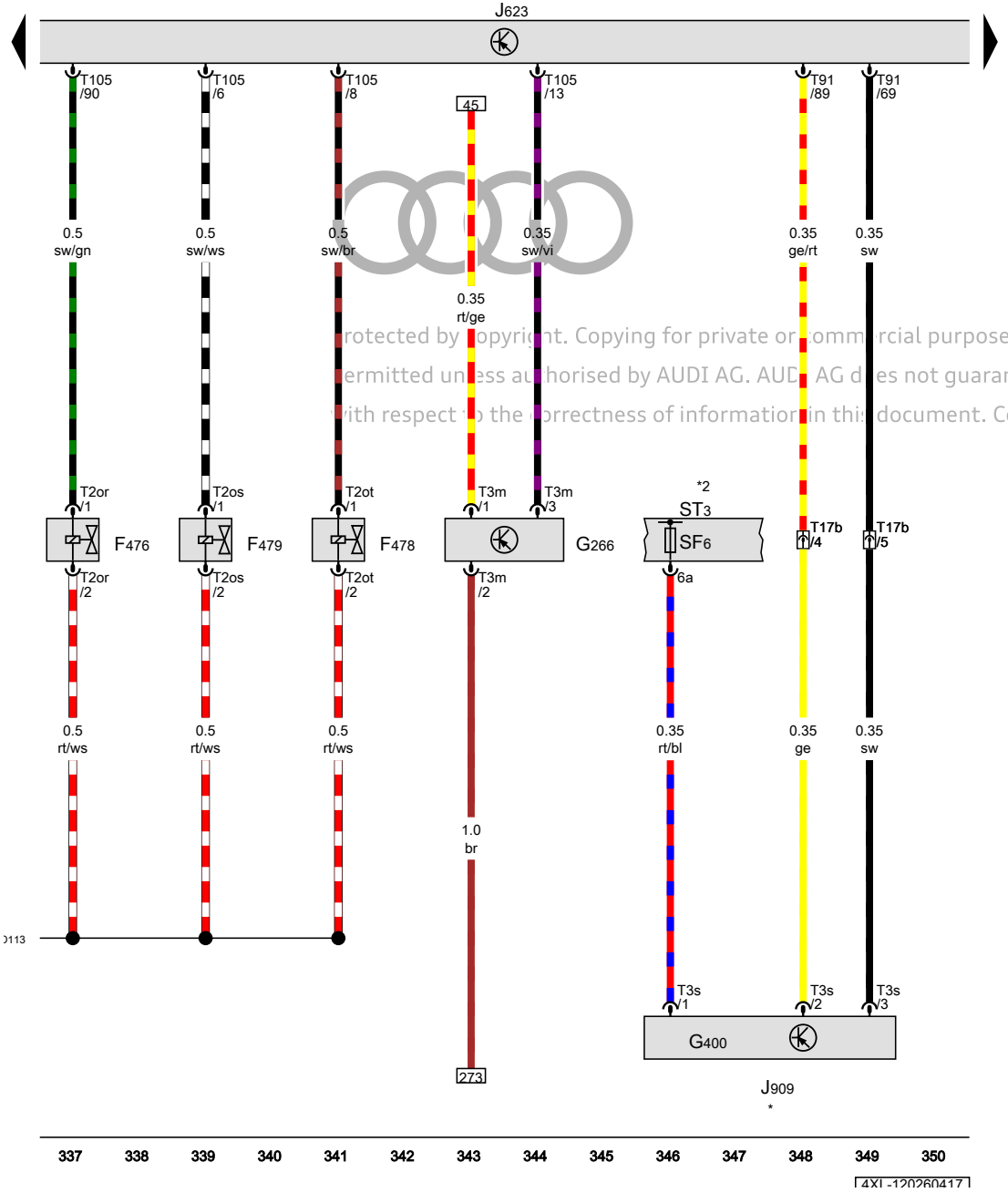
Inlet cam actuator 2 for cylinder 5, Inlet cam actuator 2 for cylinder 8, Engine control unit

F464	Inlet cam actuator 1 for cylinder 5
F465	Inlet cam actuator 2 for cylinder 5
F466	Exhaust cam actuator 1 for cylinder 5
F467	Exhaust cam actuator 2 for cylinder 5
F477	Inlet cam actuator 2 for cylinder 8
J623	Engine control unit
N427	Turbocharger air recirculation valve, cylinder bank 2
T2om	2-pin connector
T2on	2-pin connector
T2oo	2-pin connector
T2op	2-pin connector
T2oq	2-pin connector
T2ou	2-pin connector
T105	105-pin connector, black
D113	Connection 11 in engine compartment wiring harness

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rt	=	red
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gn	=	green
bl	=	blue
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Oil level and oil temperature sender, Engine control unit, Control unit for fuel tank leak detection



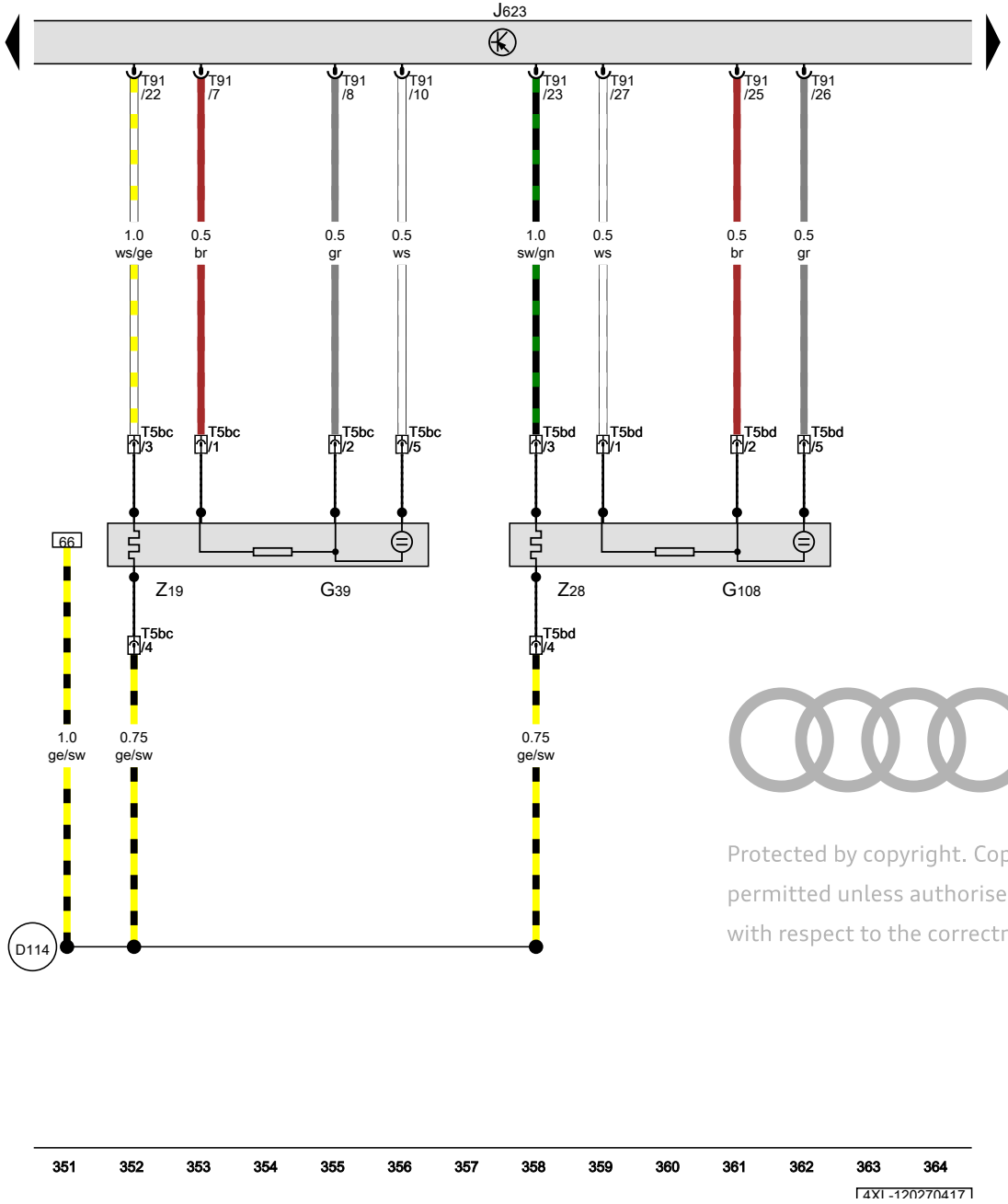
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F476	Inlet cam actuator 1 for cylinder 8
F478	Exhaust cam actuator 1 for cylinder 8
F479	Exhaust cam actuator 2 for cylinder 8
G266	Oil level and oil temperature sender
G400	Tank pressure sensor
J623	Engine control unit
J909	Control unit for fuel tank leak detection
ST3	Fuse carrier 3
SF6	Fuse 6 in fuse holder F
T2or	2-pin connector
T2os	2-pin connector
T2ot	2-pin connector
T3m	3-pin connector
T3s	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
D113	Connection 11 in engine compartment wiring harness
*	Only models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment

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sw	=	black
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Lambda probe, Lambda probe 2, Engine control unit

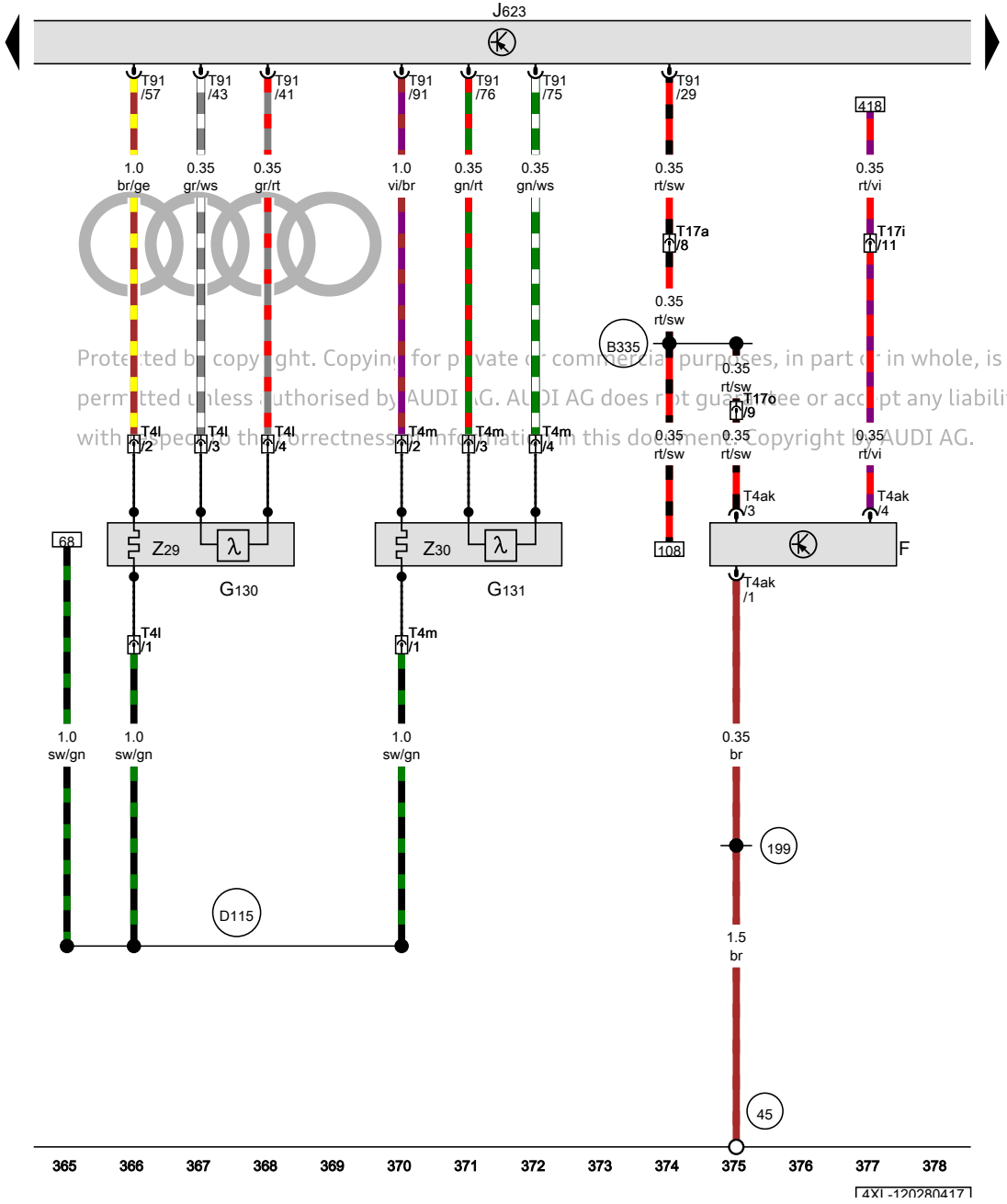
G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
T5bc	5-pin connector, brown
T5bd	5-pin connector, black
T91	91-pin connector, black
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D114	Connection 12 in engine compartment wiring harness



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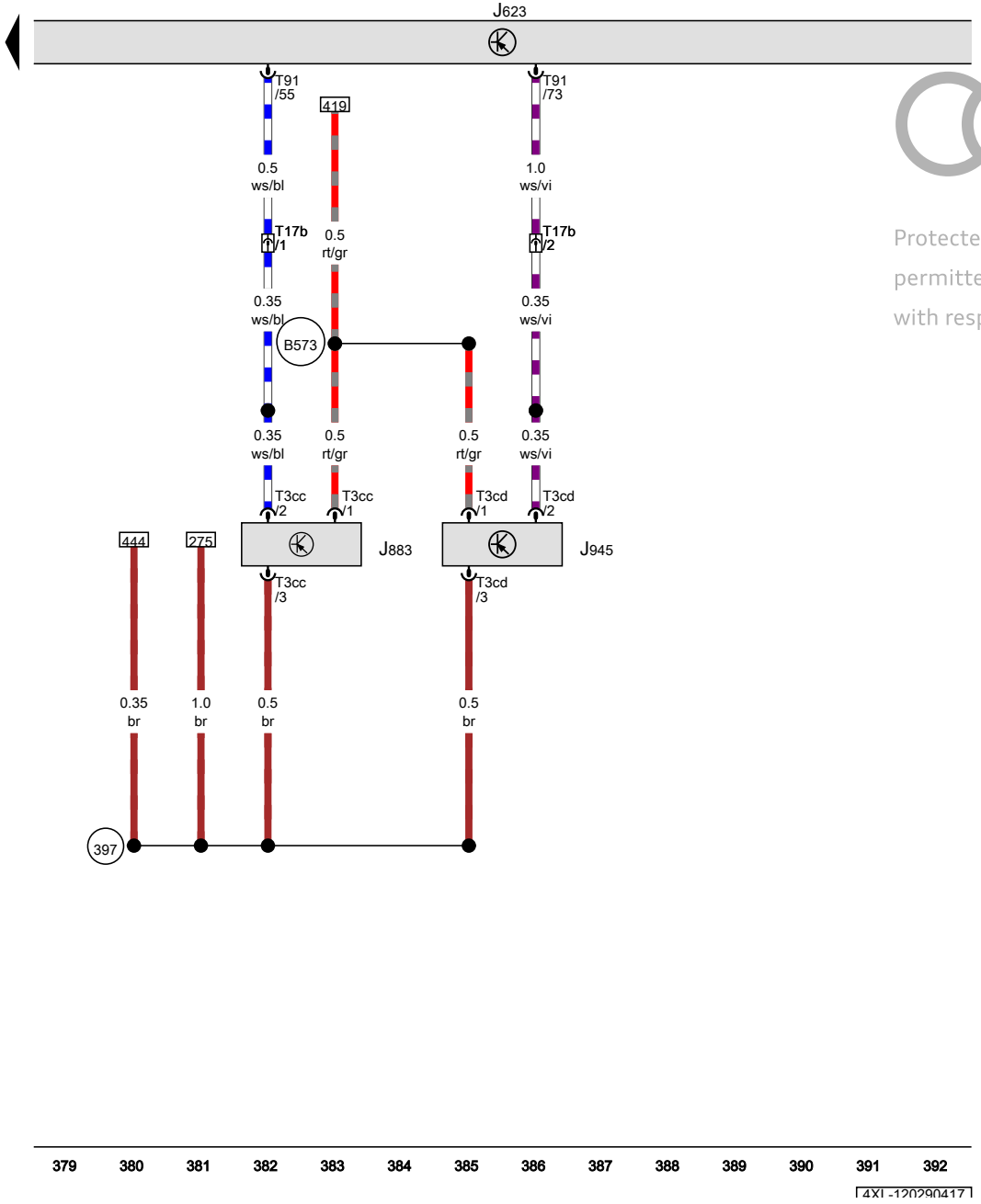
Brake light switch, Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit



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F	Brake light switch
G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
T4ak	4-pin connector
T4l	4-pin connector, black
T4m	4-pin connector, brown
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
D115	Connection 13 in engine compartment wiring harness

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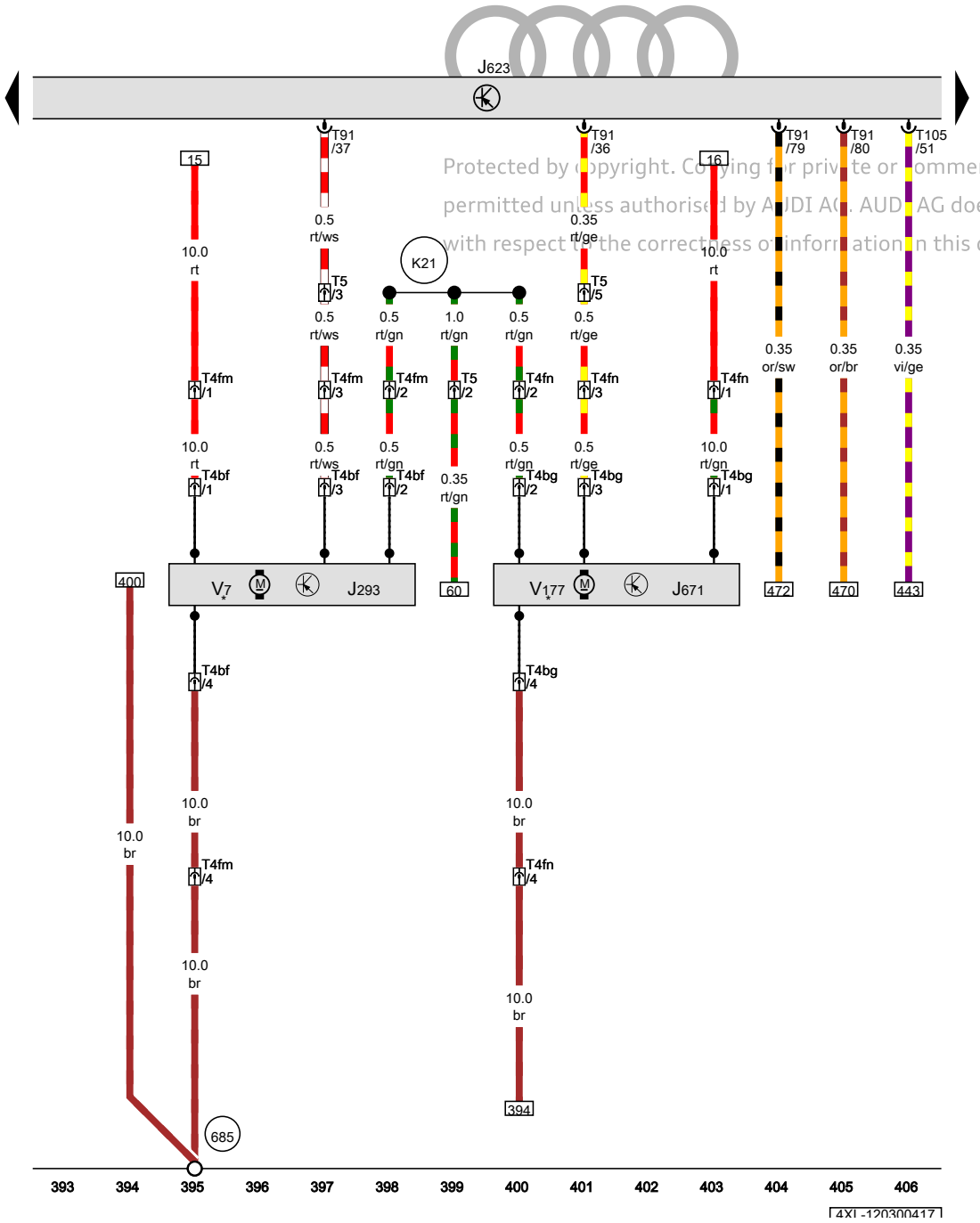


Engine control unit, Exhaust flap control unit, Exhaust flap control unit 2

J623	Engine control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
T3cc	3-pin connector
T3cd	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
397	Earth connection 32, in main wiring harness
B573	Connection 40, in main wiring harness

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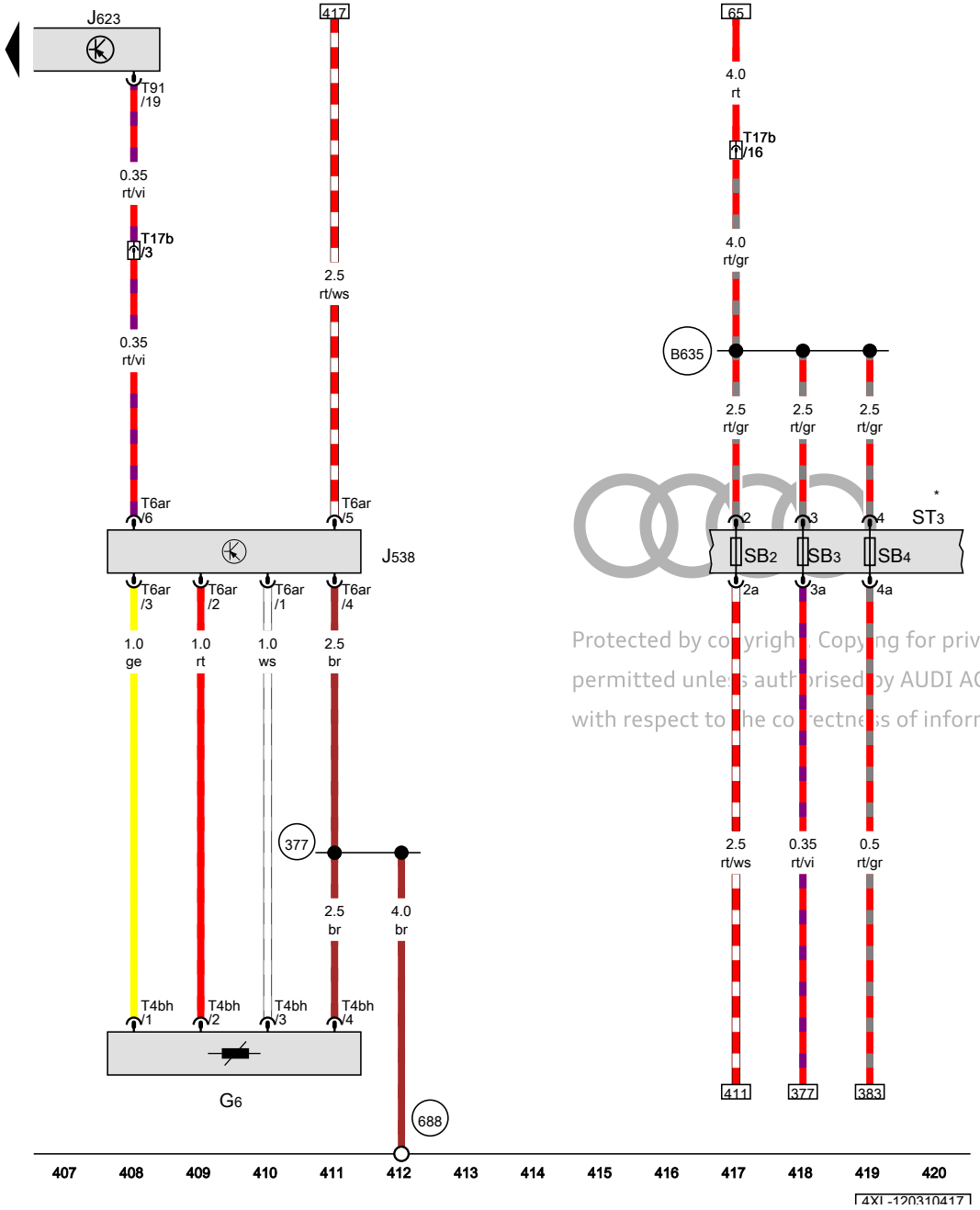


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Radiator fan control unit, Engine control unit, Radiator fan control unit 2, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
T4bf	4-pin connector, on radiator fan
T4bg	4-pin connector, on radiator fan
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber
T91	91-pin connector, black
T105	105-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Pre-wired component

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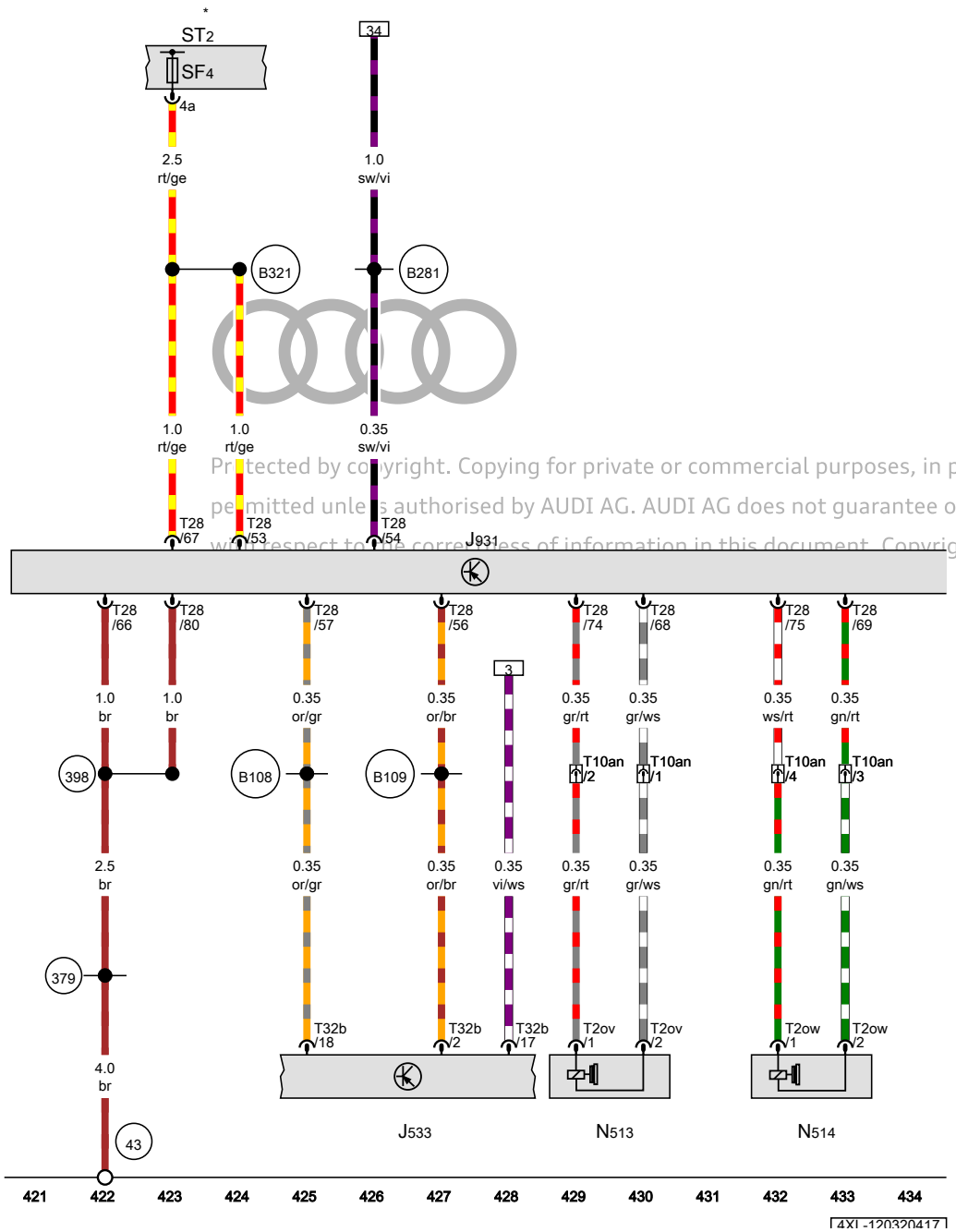


Fuel system pressurisation pump, Fuel pump control unit, Engine control unit

G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
T4bh	4-pin connector
T6ar	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B635	Positive connection 3 (87), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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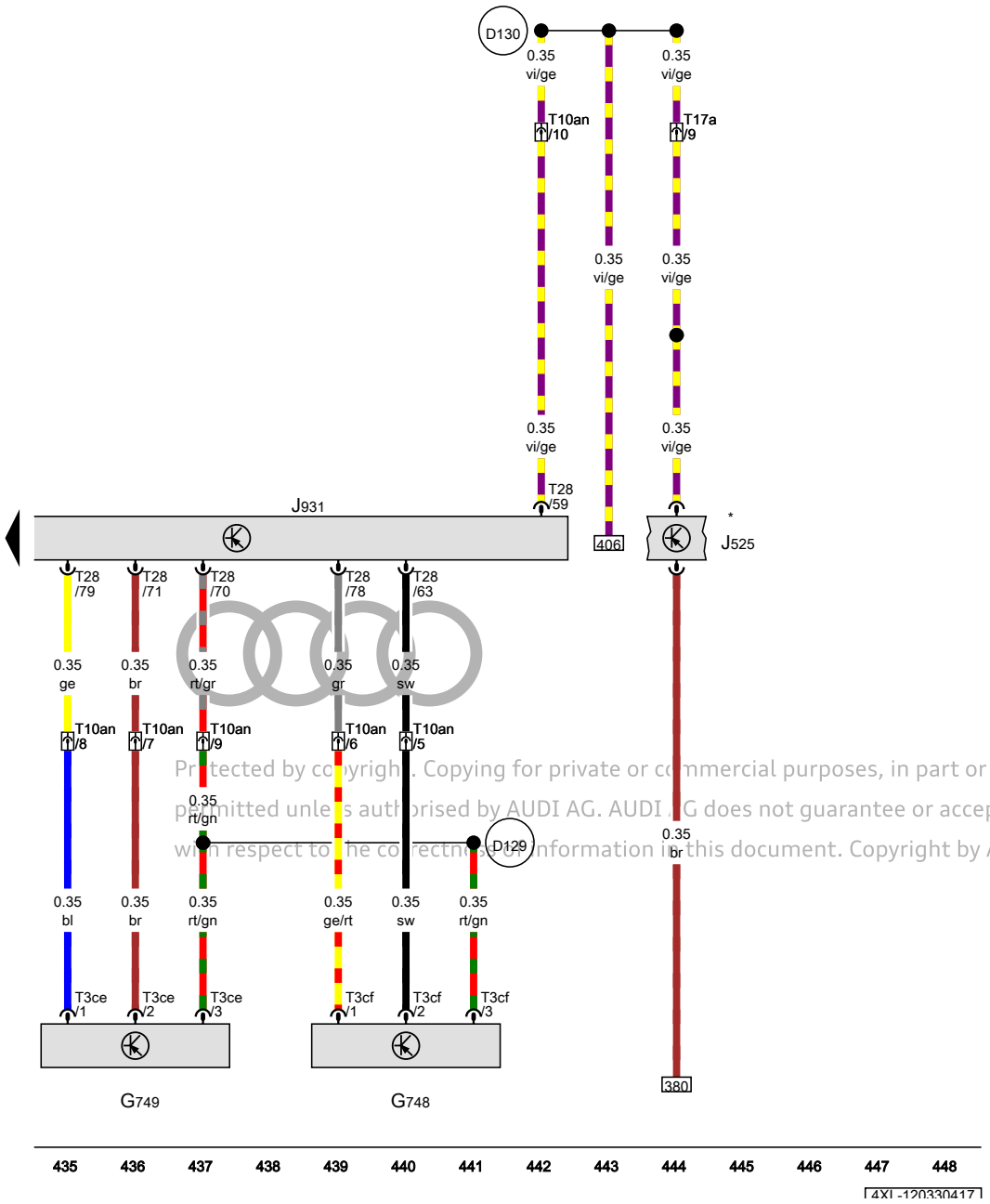
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Power unit mounting control unit, Power unit mounting actuator 1

J533	Data bus diagnostic interface
J931	Power unit mounting control unit
N513	Power unit mounting actuator 1
N514	Power unit mounting actuator 2
ST2	Fuse carrier 2
SF4	Fuse 4 in fuse holder F
T2ov	2-pin connector
T2ow	2-pin connector
T10an	10-pin connector, front left in engine compartment
T28	28-pin connector
T32b	32-pin connector
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
398	Earth connection 33, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

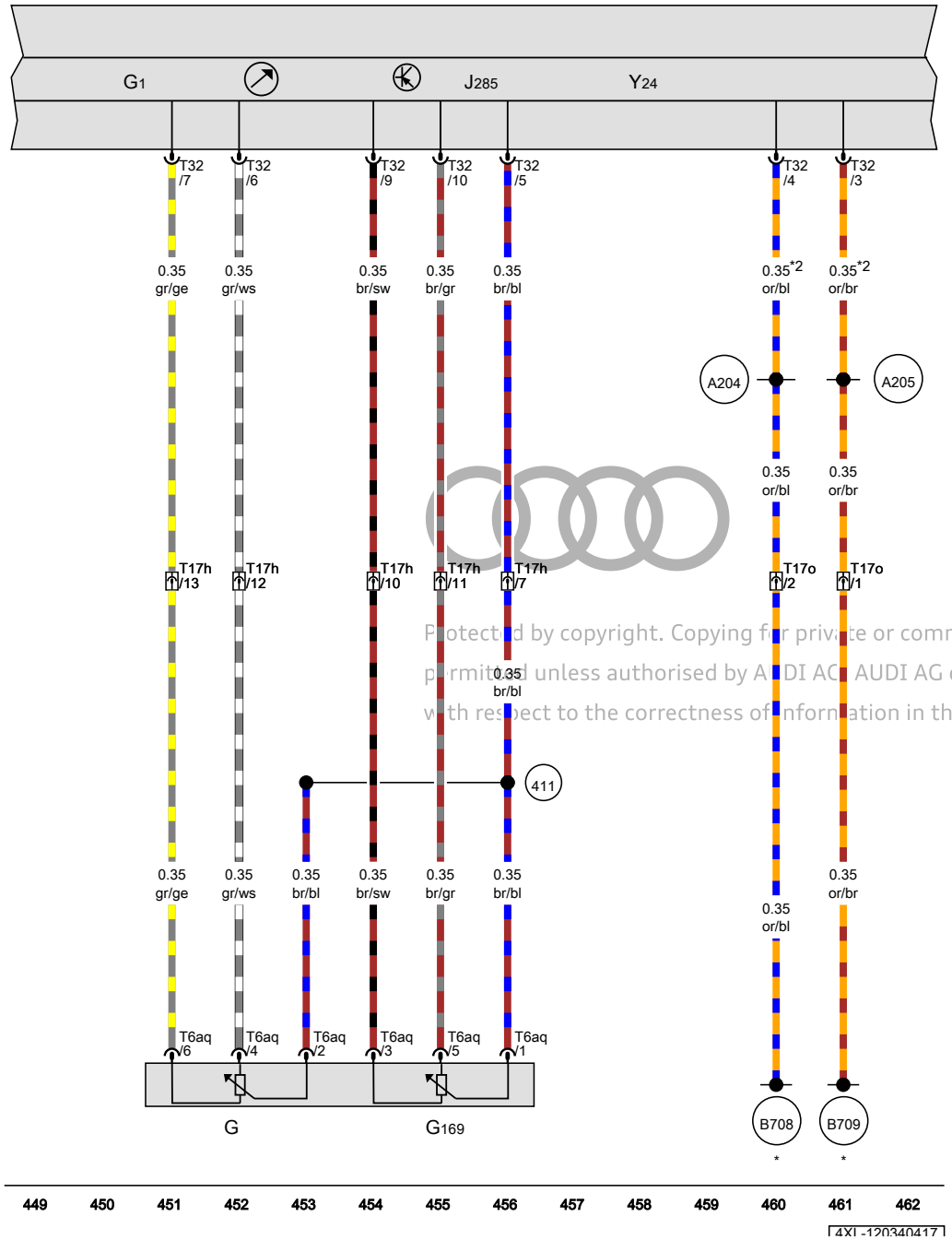
Power unit mounting sender 1, Power unit mounting sender 2, Power unit mounting control unit

G748	Power unit mounting sender 1
G749	Power unit mounting sender 2
J525	Digital sound package control unit
J931	Power unit mounting control unit
T3ce	3-pin connector
T3cf	3-pin connector
T10an	10-pin connector, front left in engine compartment
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T28	28-pin connector
D129	Connection 27 in engine compartment wiring harness
D130	Connection 28 in engine compartment wiring harness
*	see applicable current flow diagram for sound system



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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

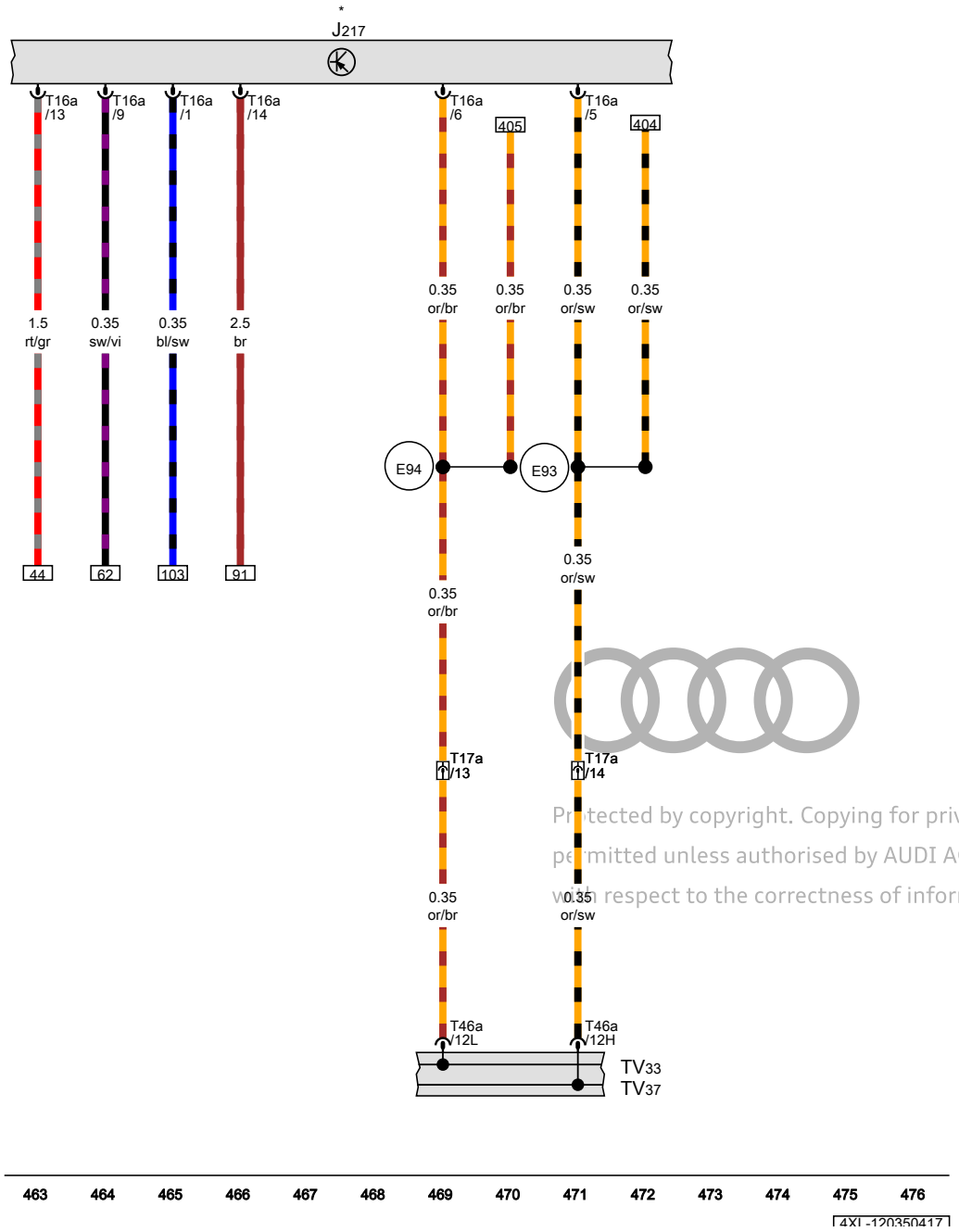


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector, black
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network
*2	Data bus wire (CAN bus)

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Wiring junction for powertrain CAN bus, high

J217	Automatic gearbox control unit
T16a	16-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T46a	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox

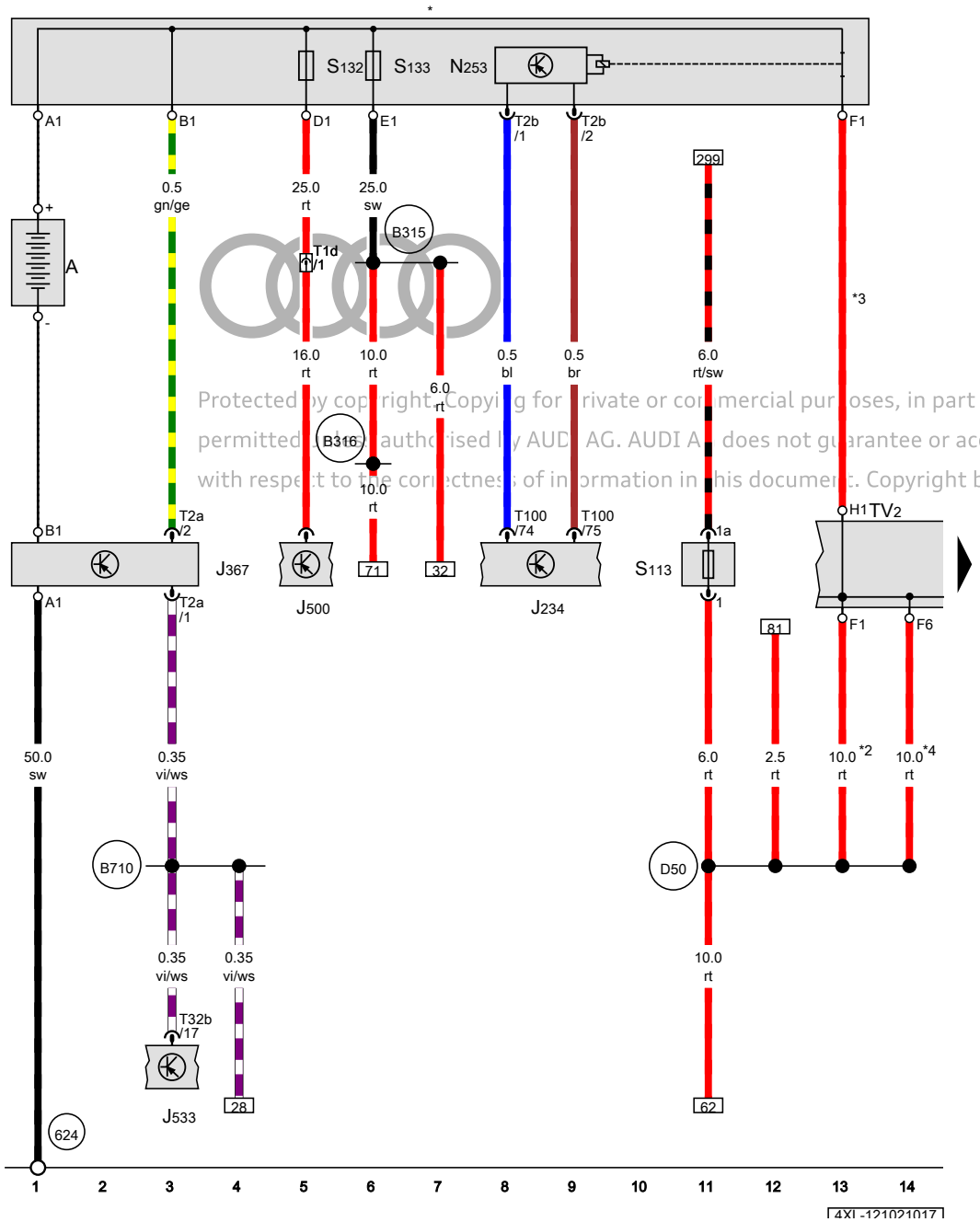
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3.0l diesel engine , CZVA,CZVB,CZVC,CZVD,CZVF

From September 2015

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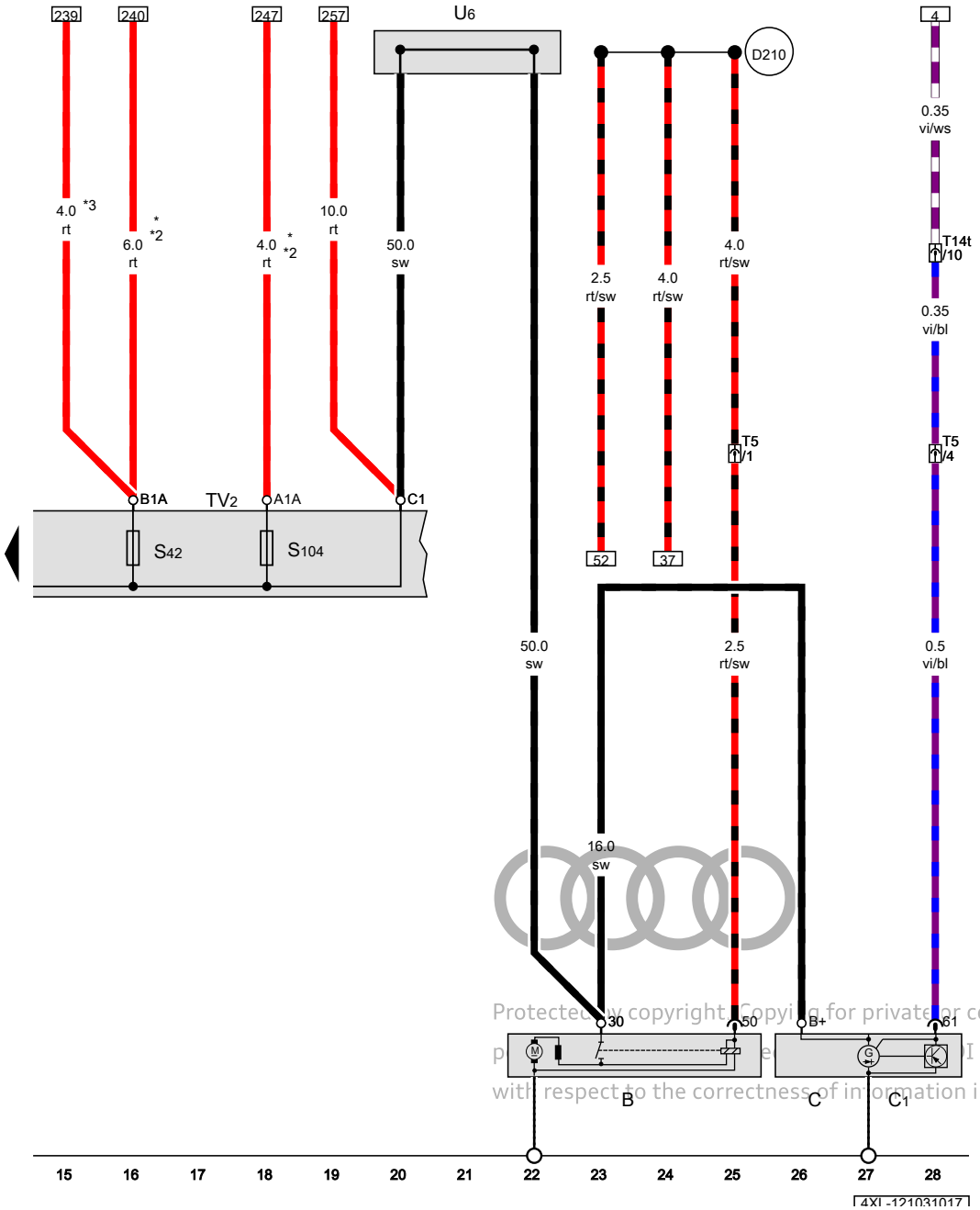


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Battery, Battery monitor control unit, Data bus diagnostic interface, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
N253	Battery isolation igniter, near battery
S113	Automatic gearbox control unit fuse
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor
T2a	2-pin connector
T2b	2-pin connector
T32b	32-pin connector
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Gradually discontinued
*3	Flat conductor
*4	gradual introduction

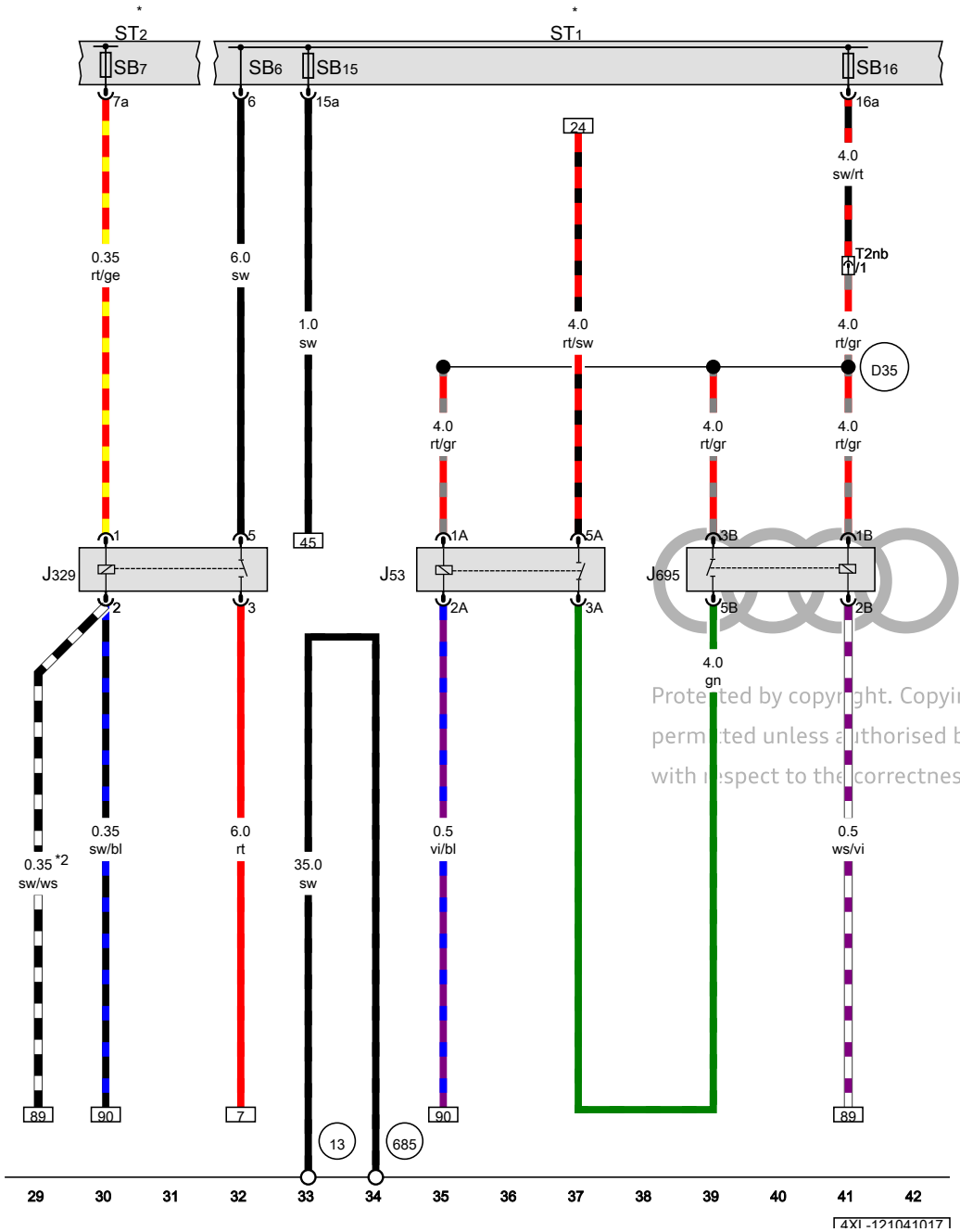


Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
TV2	Terminal 30 wiring junction, central in plenum chamber
T5	5-pin connector, central in plenum chamber, black
U6	Jump start socket
D210	Connection (50), in engine compartment wiring harness
*	For models with towing bracket
*2	Hot country version
*3	For models with no towing bracket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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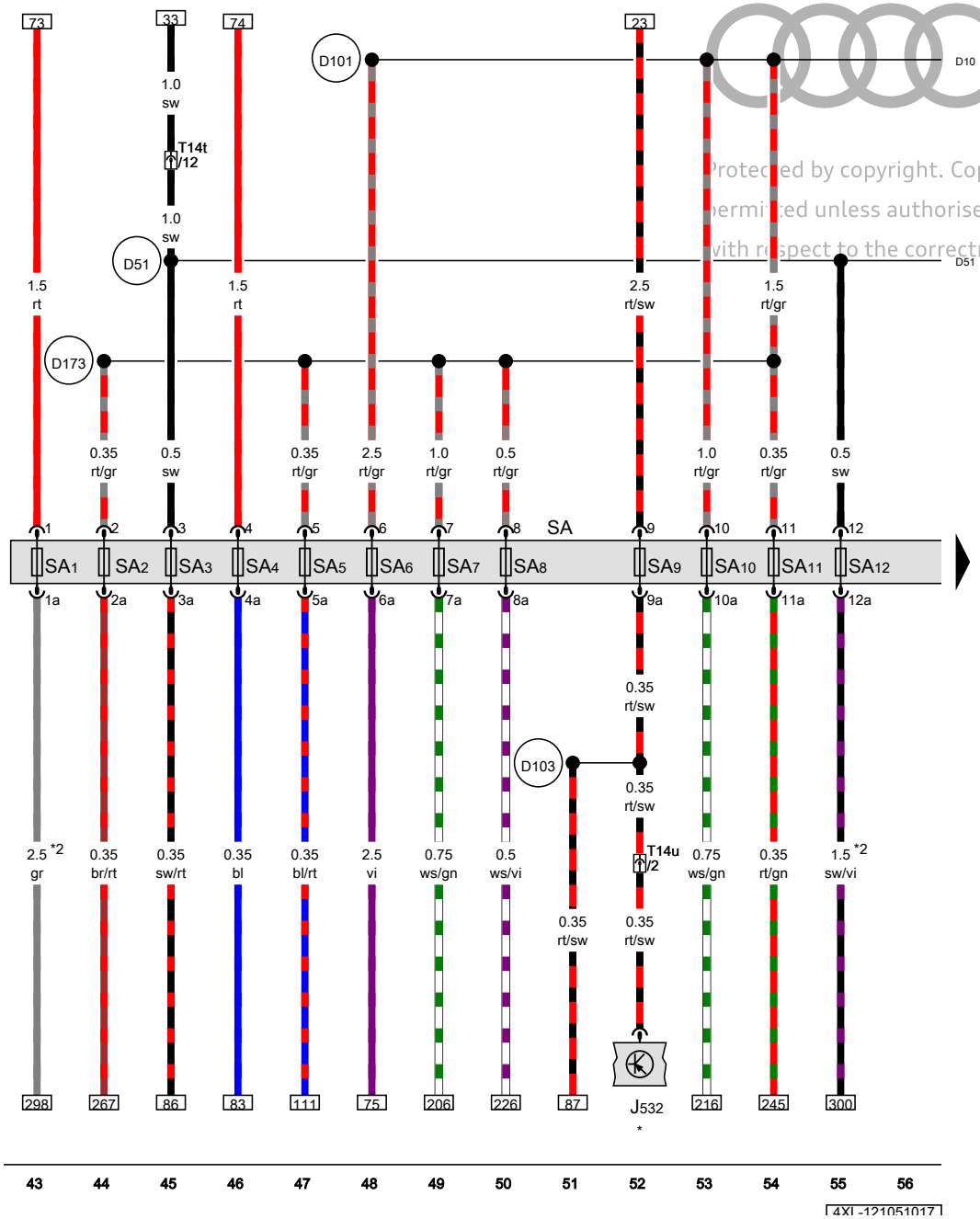


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
D35	Positive connection 1 (15a) in engine prewiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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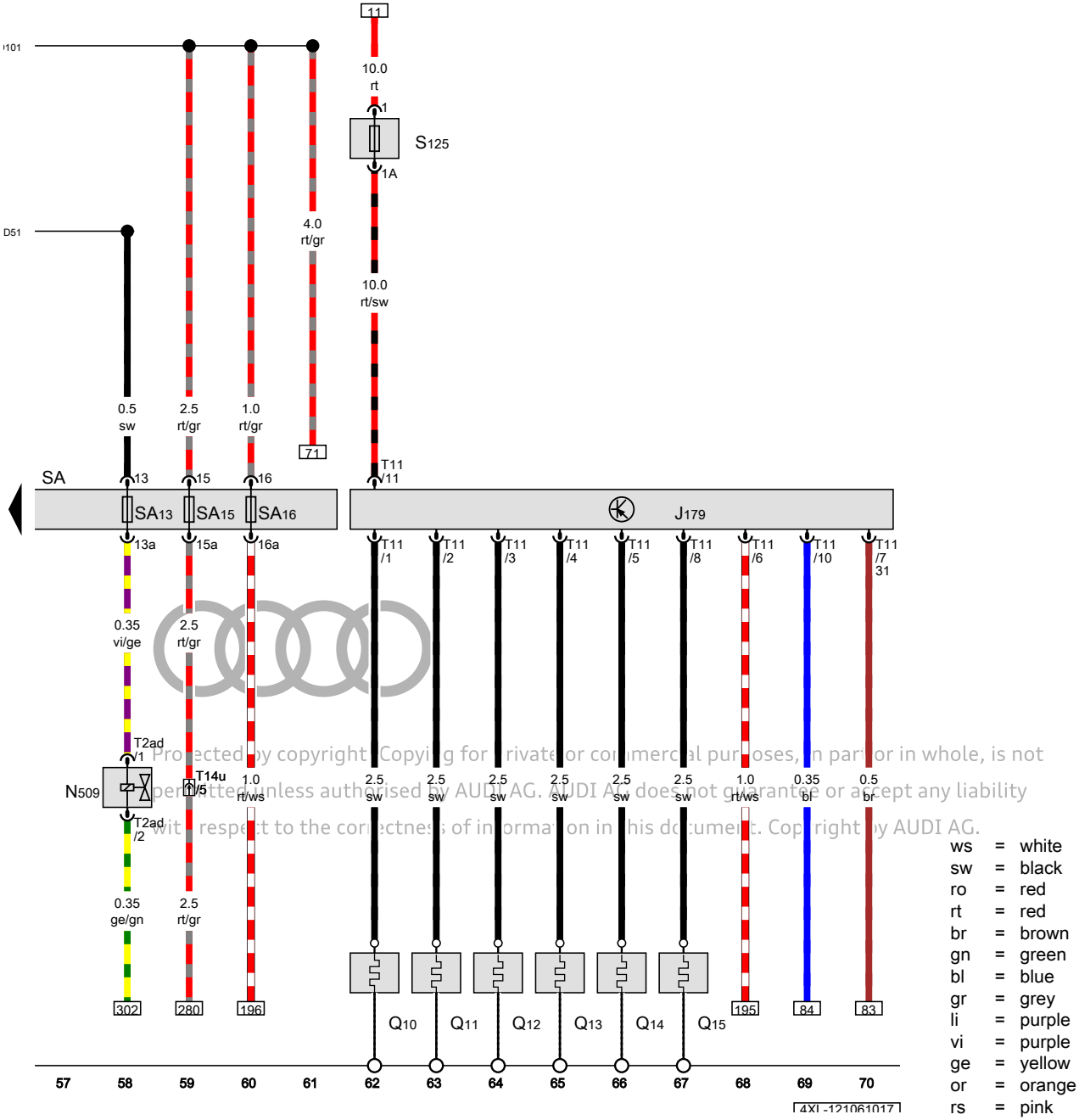


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Fuse holder A

J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
*	For models with start/stop system
*2	Cross section depends on equipment

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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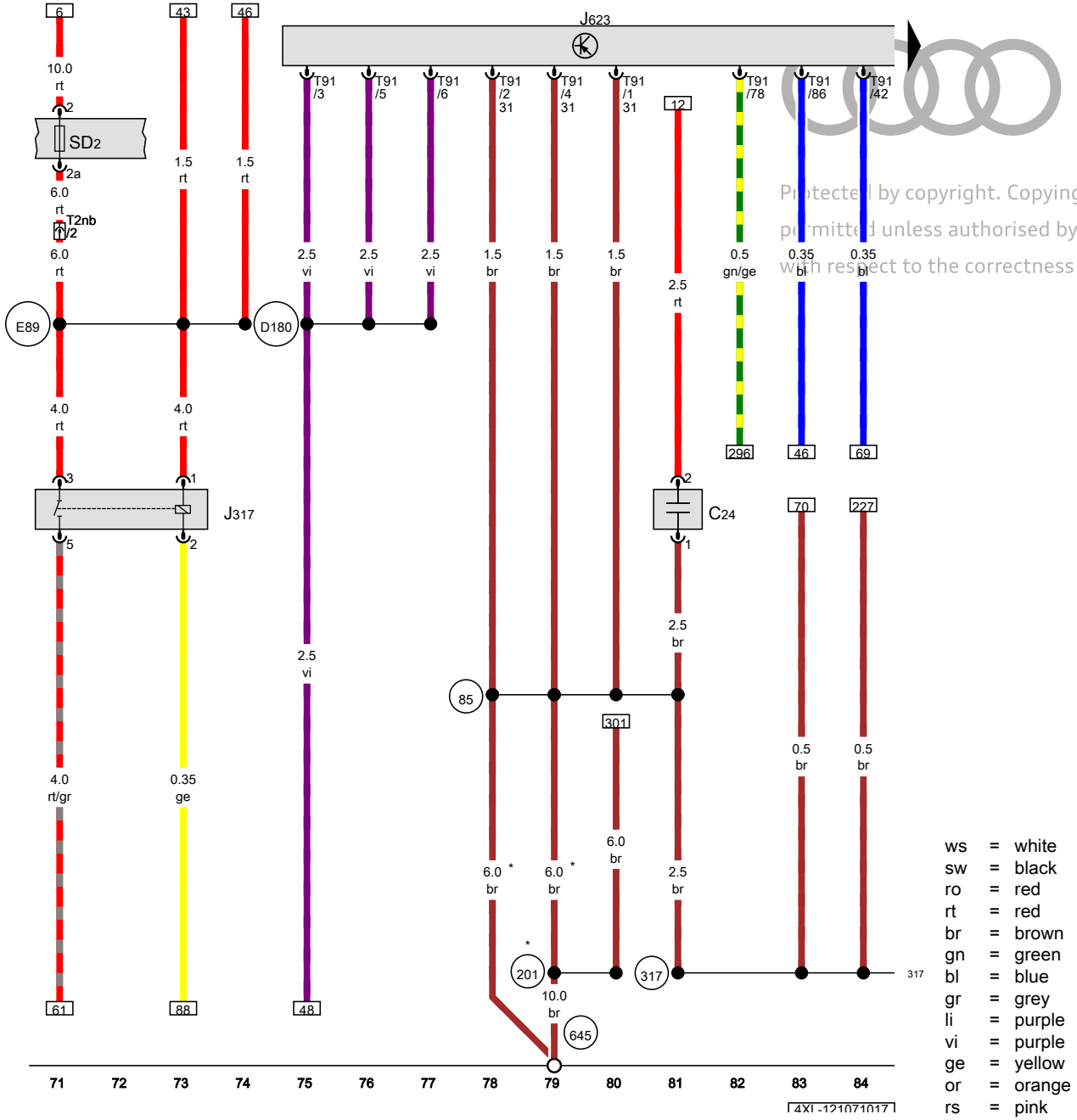


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Automatic glow period control unit, Gearbox oil cooling valve, Fuse holder A

J179	Automatic glow period control unit
N509	Gearbox oil cooling valve
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S125	Glow plug fuse
SA	Fuse holder A
SA13	Fuse 13 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T2ad	2-pin connector
T11	11-pin connector, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness

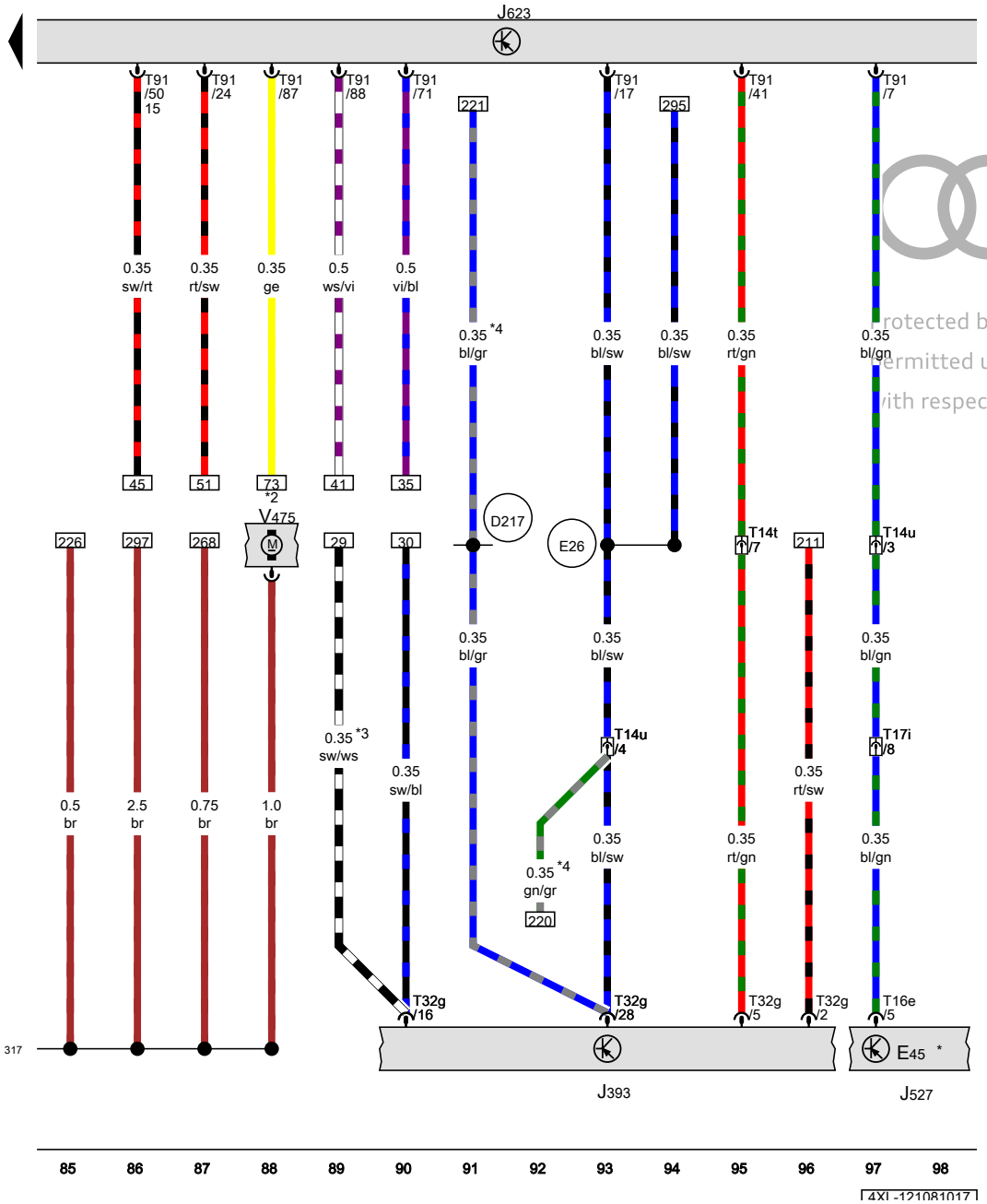


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Suppression filter, Terminal 30 voltage supply relay, Engine/ motor control unit

C24	Suppression filter
J317	Terminal 30 voltage supply relay
J623	Engine/motor control unit, in plenum chamber
SD2	Fuse 2 on fuse holder D
T2nb	2-pin connector, Coupling station, E-box on left in plenum chamber, black
T91	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
645	Earth point 1, on bulkhead
D180	Connection (87a), in engine compartment wiring harness
E89	Positive connection (30a) in engine wiring harness
*	According to equipment

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Engine/motor control unit

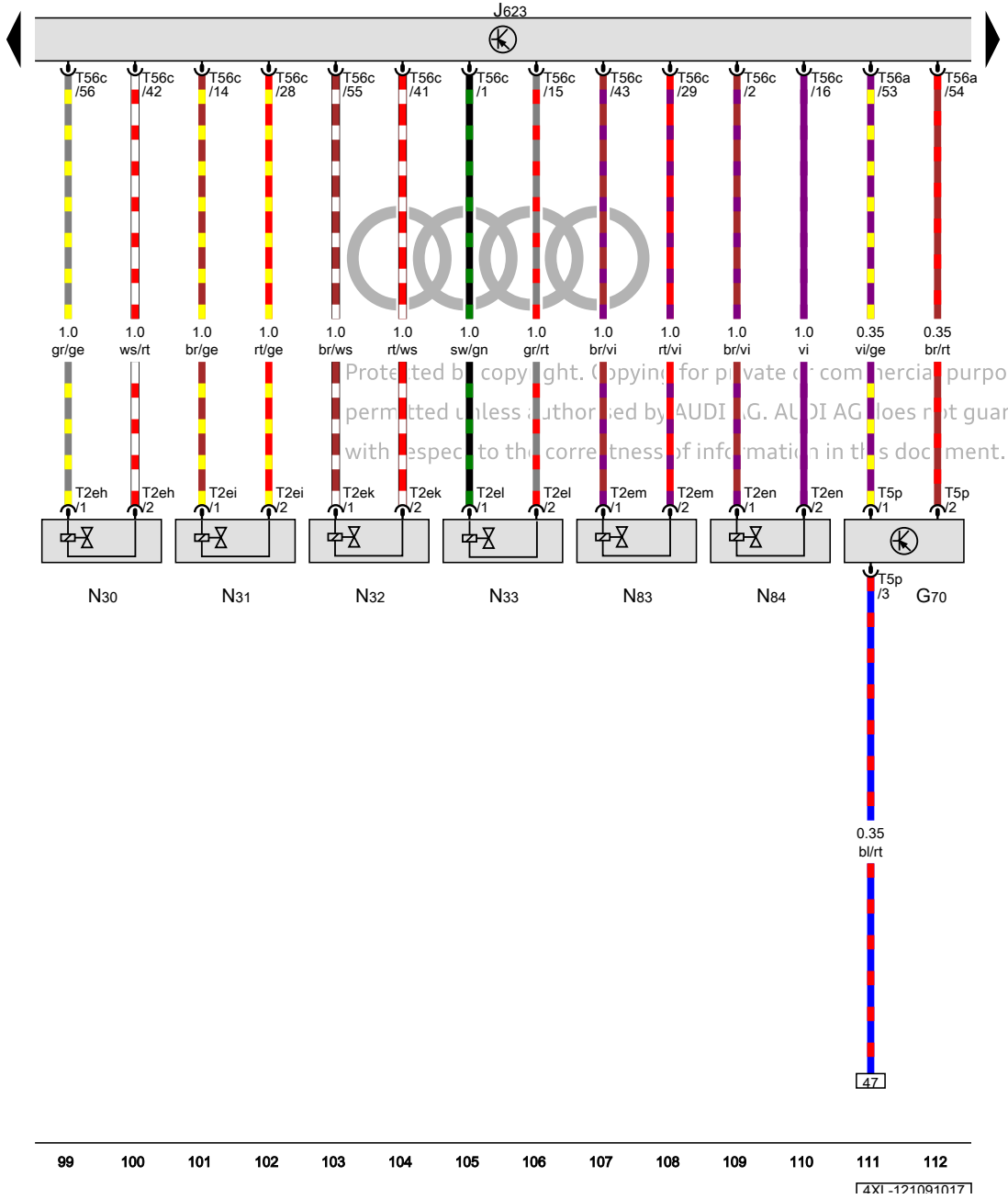
E45	Cruise control system switch
J393	Convenience system central control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit, in plenum chamber
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T16e	16-pin connector
T17i	17-pin connector, in left A-pillar coupling station, black
T32g	32-pin connector
T91	91-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
317	Earth connection 7, in engine compartment wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness

* For models with cruise control system (CCS)
*2 see applicable current flow diagram for automatic gearbox
*3 For right-hand drive models
*4 For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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Air mass meter, Engine/motor control unit, Injector, cylinder 1



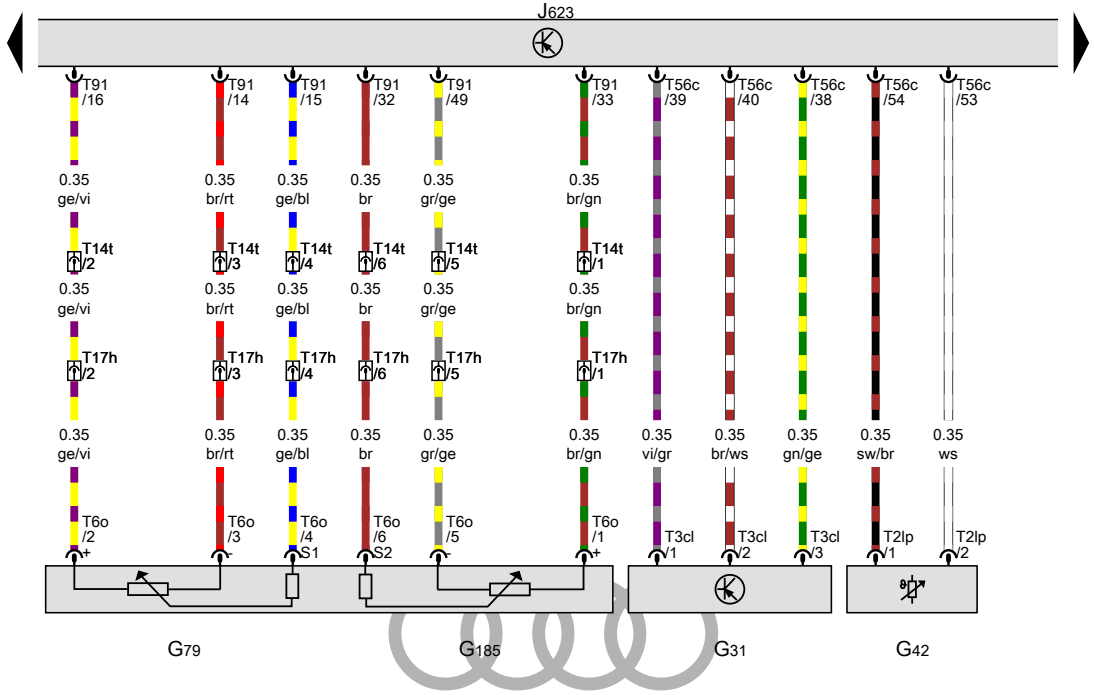
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G70	Air mass meter
J623	Engine/motor control unit, in plenum chamber
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N84	Injector, cylinder 6
T2eh	2-pin connector, black
T2ei	2-pin connector, black
T2ek	2-pin connector, black
T2el	2-pin connector, black
T2em	2-pin connector, black
T2en	2-pin connector, black
T5p	5-pin connector, black
T56a	56-pin connector, black
T56c	56-pin connector, black

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

Charge pressure sender, Intake air temperature sender, Accelerator position sender, Engine/motor control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit, in plenum chamber
T2lp	2-pin connector, black
T3cl	3-pin connector, black
T6o	6-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17h	17-pin connector, in left A-pillar coupling station, red
T56c	56-pin connector, black
T91	91-pin connector, black

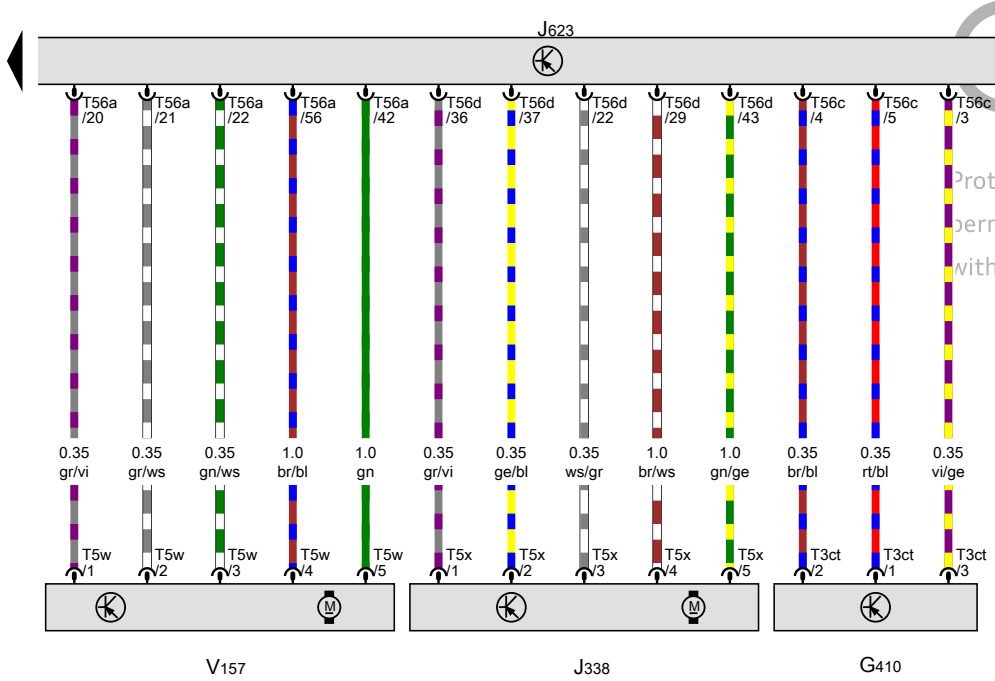


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rs	=	pink

113 114 115 116 117 118 119 120 121 122 123 124 125 126

[4XI-1211010171]



Throttle valve module, Engine/motor control unit

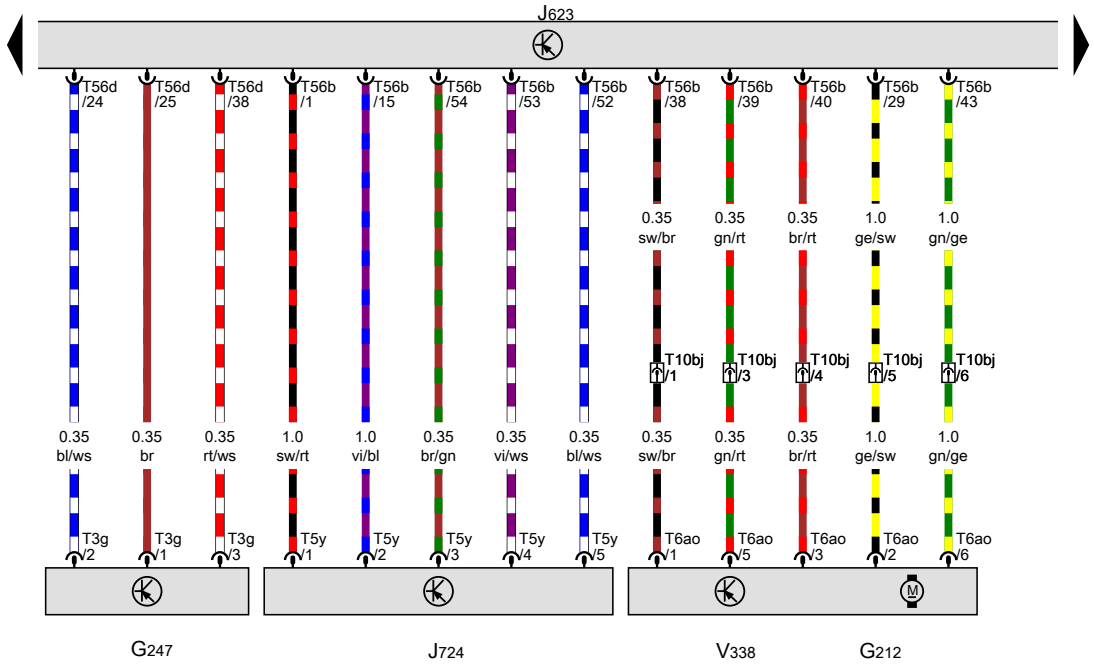
G410	Fuel pressure sender for low pressure
J338	Throttle valve module
J623	Engine/motor control unit, in plenum chamber
T3ct	3-pin connector, black
T5w	5-pin connector, black
T5x	5-pin connector, black
T56a	56-pin connector, black
T56c	56-pin connector, black
T56d	56-pin connector, black
V157	Intake manifold flap motor

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127	128	129	130	131	132	133	134	135	136	137	138	139	140

4XI-1211110171

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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuel pressure sender, Engine/motor control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

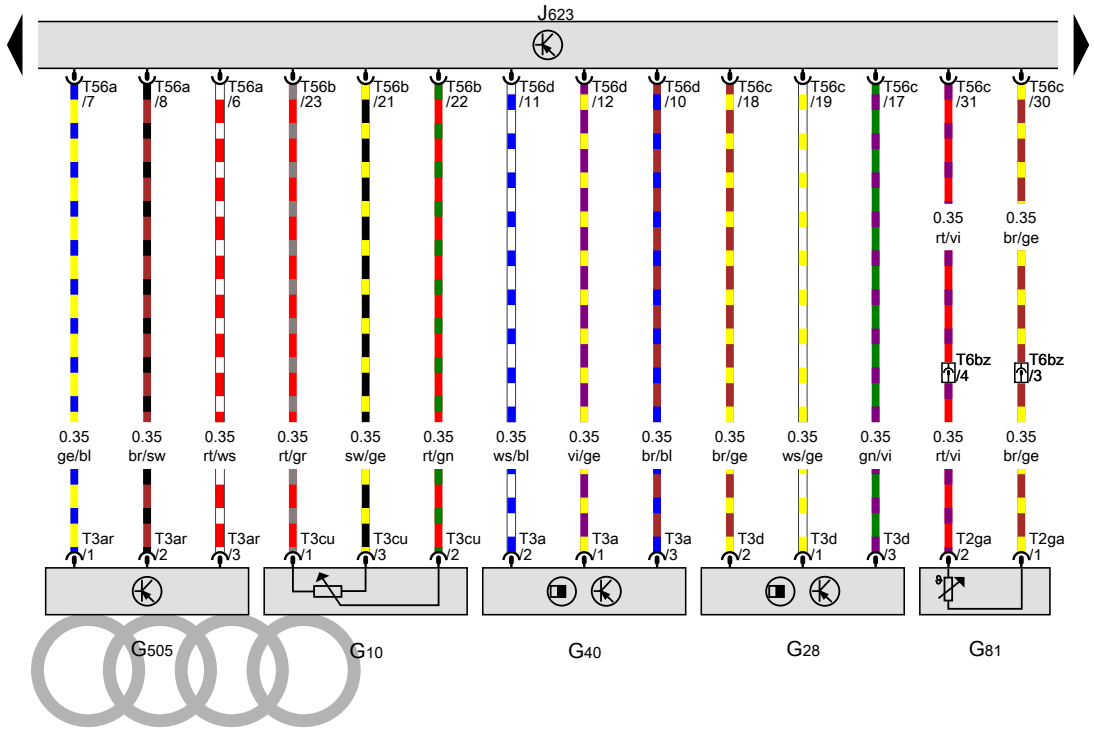
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine/motor control unit, in plenum chamber
J724	Turbocharger 1 control unit
T3g	3-pin connector, black
T5y	5-pin connector, yellow
T6ao	6-pin connector
T10bj	10-pin connector, on right in engine compartment, black
T56b	56-pin connector, black
T56d	56-pin connector, black
V338	Exhaust gas recirculation control motor

141 142 143 144 145 146 147 148 149 150 151 152 153 154

[4xI-121121017]

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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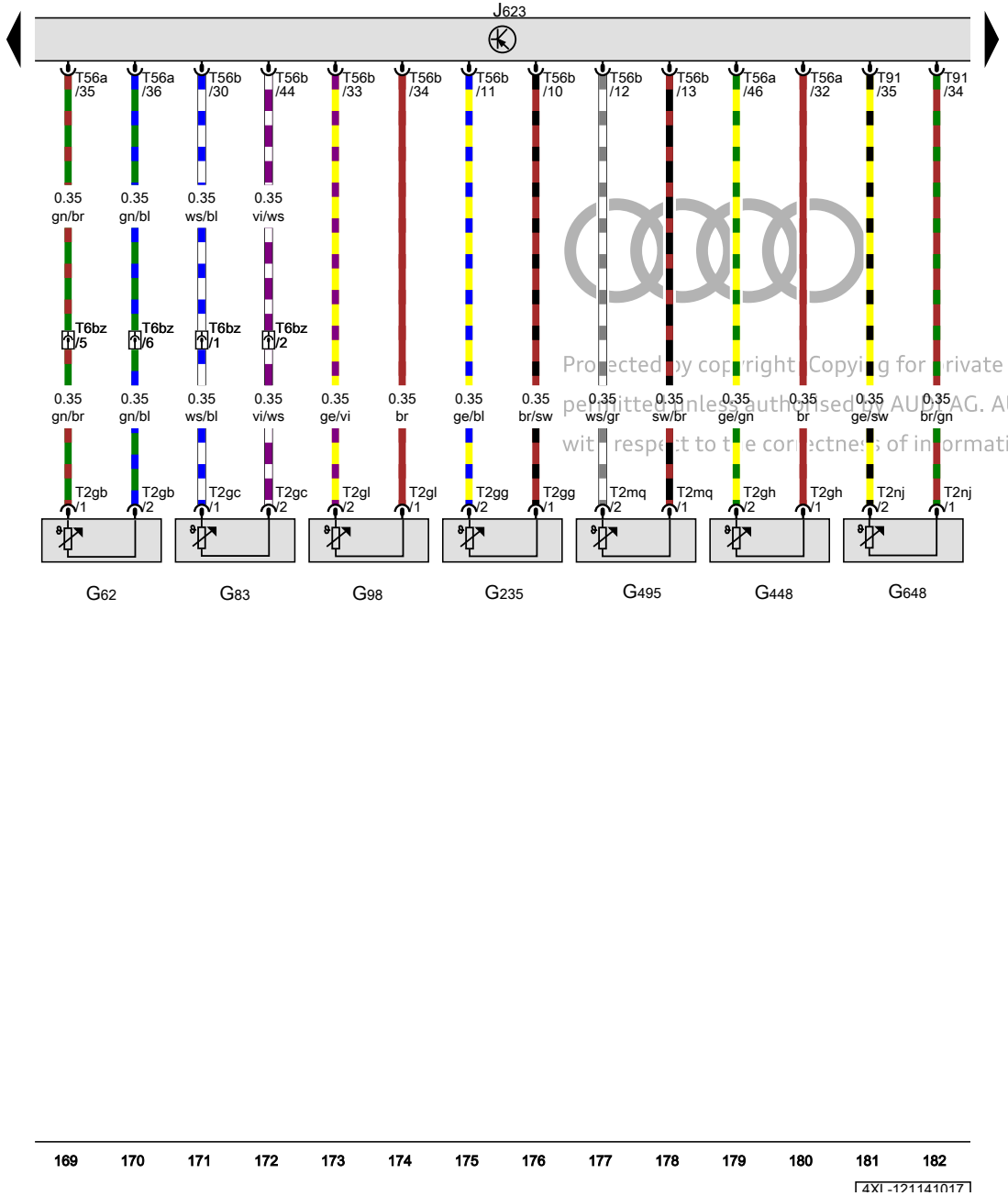
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4XI-1211310171

Oil pressure sender, Engine speed sender, Hall sender, Fuel temperature sender, Pressure differential sender, Engine/motor control unit

G10	Oil pressure sender
G28	Engine speed sender
G40	Hall sender
G81	Fuel temperature sender
G505	Pressure differential sender
J623	Engine/motor control unit, in plenum chamber
T2ga	2-pin connector
T3a	3-pin connector, brown
T3ar	3-pin connector, black
T3cu	3-pin connector, black
T3d	3-pin connector, black
T6bz	6-pin connector, on right in engine compartment, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T56c	56-pin connector, black
T56d	56-pin connector, black

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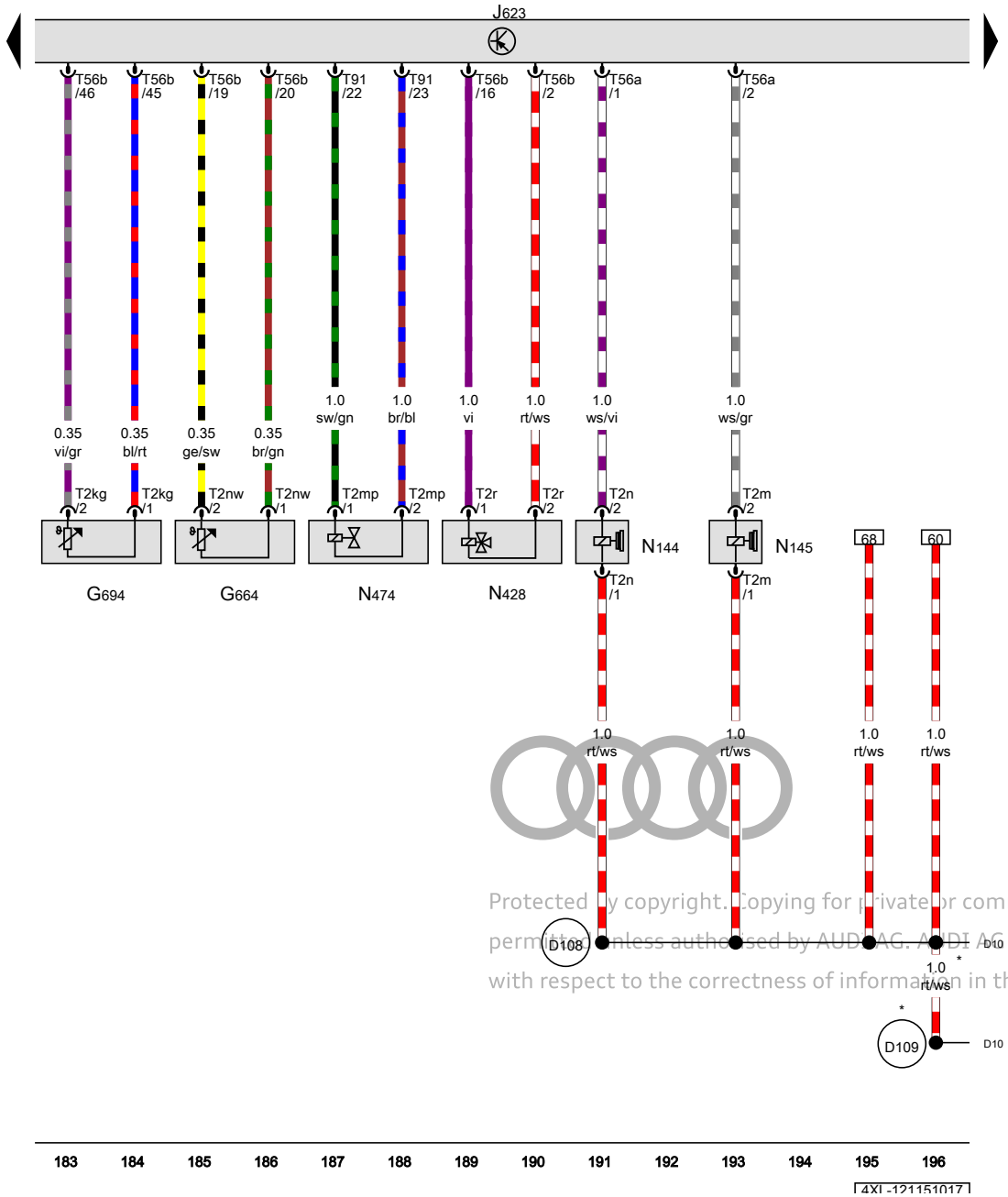


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Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 4, Engine/motor control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G98	Exhaust gas recirculation temperature sensor, light brown
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit, in plenum chamber
T2gb	2-pin connector
T2gc	2-pin connector
T2gg	2-pin connector, black
T2gh	2-pin connector, black
T2gl	2-pin connector
T2mq	2-pin connector, brown
T2nj	2-pin connector, light brown
T6bz	6-pin connector, on right in engine compartment, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T91	91-pin connector, black

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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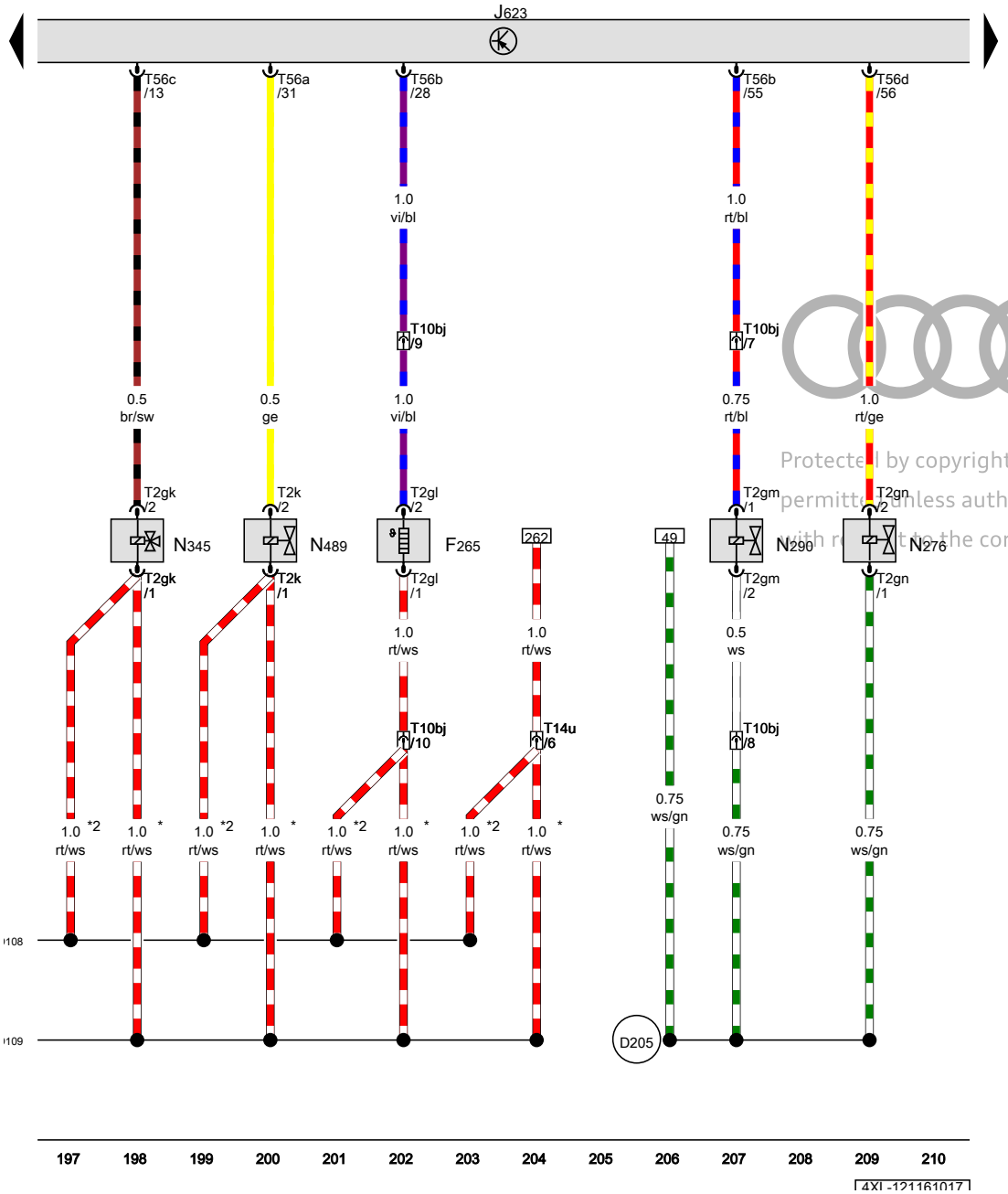


Oil temperature sender 2, Temperature sender for engine temperature regulation, Engine/motor control unit, Left electrohydraulic engine mounting solenoid valve, Valve for oil pressure control, Injector for reducing agent

G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit, in plenum chamber
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N474	Injector for reducing agent
T2kg	2-pin connector, yellow
T2m	2-pin connector, light brown
T2mp	2-pin connector, black
T2n	2-pin connector, light brown
T2nw	2-pin connector, yellow
T2r	2-pin connector, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T91	91-pin connector, black
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Gradually discontinued

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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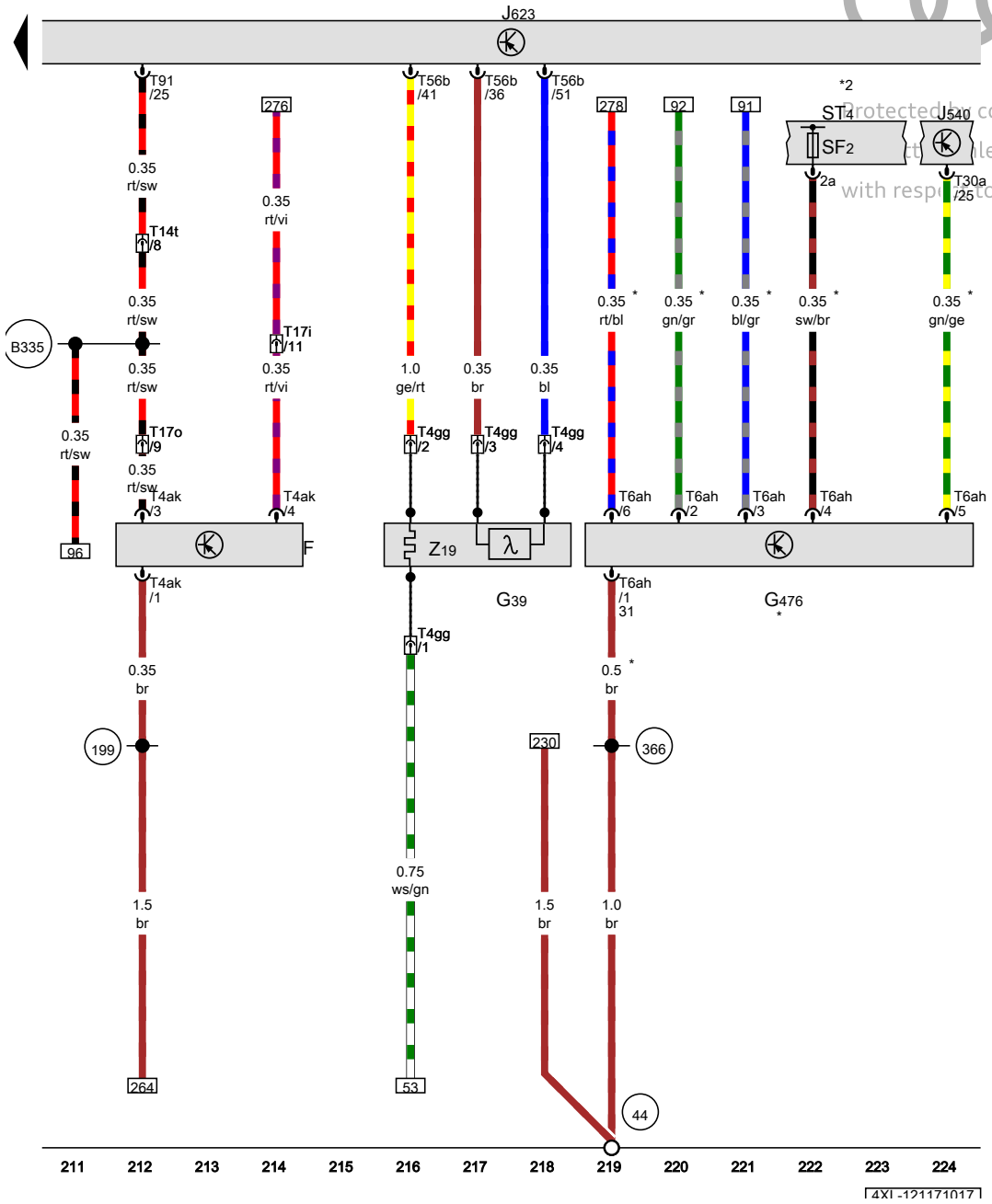


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Map-controlled engine cooling system thermostat, Engine/ motor control unit, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Coolant valve for cylinder head

F265	Map-controlled engine cooling system thermostat
J623	Engine/motor control unit, in plenum chamber
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N345	Exhaust gas recirculation cooler changeover valve
N489	Coolant valve for cylinder head
T2gk	2-pin connector, black
T2gl	2-pin connector
T2gm	2-pin connector
T2gn	2-pin connector, black
T2k	2-pin connector, black
T10bj	10-pin connector, on right in engine compartment, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T56a	56-pin connector, black
T56b	56-pin connector, black
T56c	56-pin connector, black
T56d	56-pin connector, black
D108	Connection 6 in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	Gradually discontinued
*2	gradual introduction

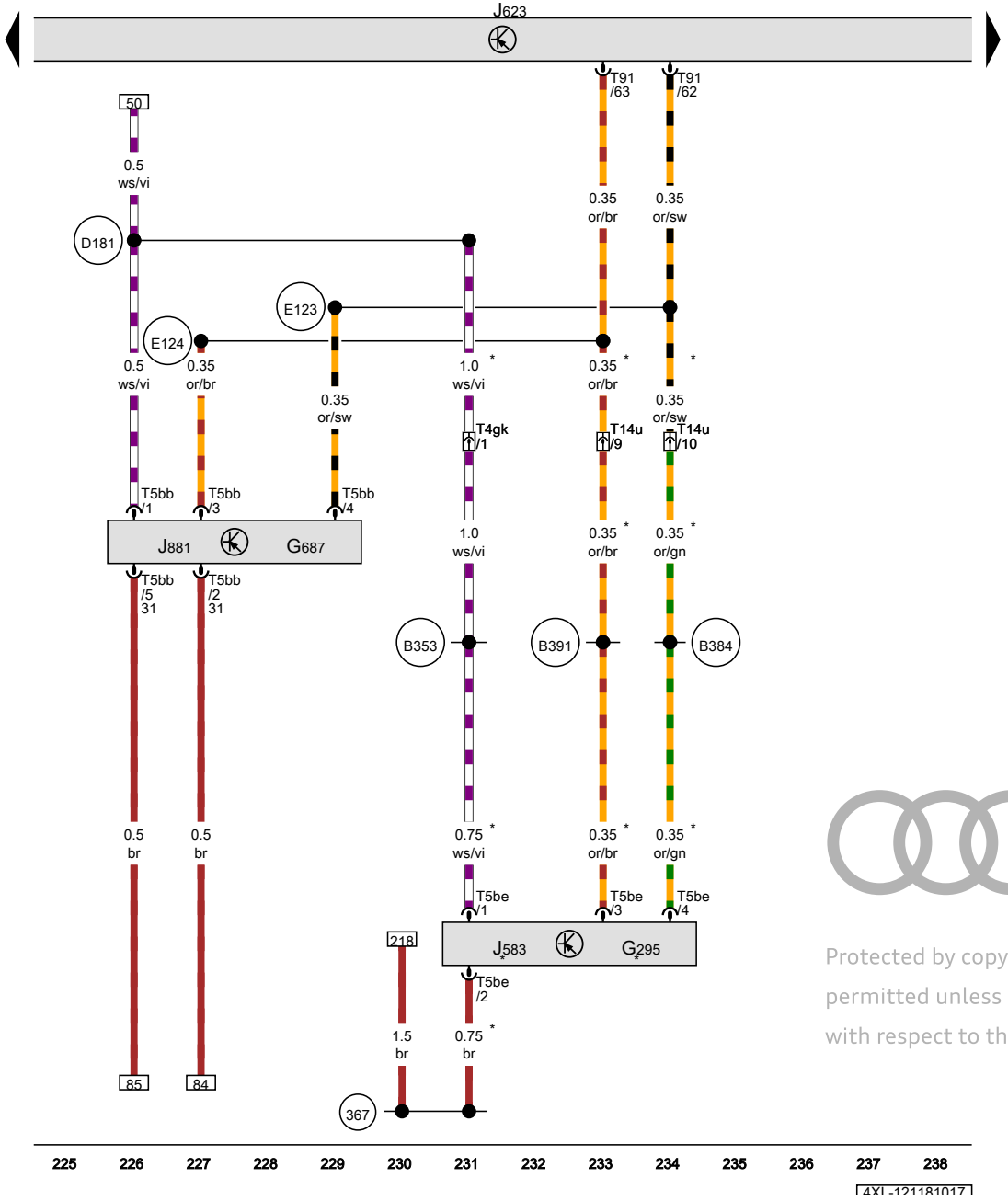


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Brake light switch, Lambda probe, Clutch position sender, Engine/motor control unit, Lambda probe heater

F	Brake light switch
G39	Lambda probe
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit, in plenum chamber
SF2	Fuse 2 in fuse holder F
ST4	Fuse carrier 4
T4ak	4-pin connector
T4gg	4-pin connector, black
T6ah	6-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T30a	30-pin connector
T56b	56-pin connector, black
T91	91-pin connector, black
Z19	Lambda probe heater
44	Earth point, lower part of left A-pillar
199	Earth connection 3, in dash panel wiring harness
366	Earth connection 1, in main wiring harness
B335	Connection 1 (54), in main wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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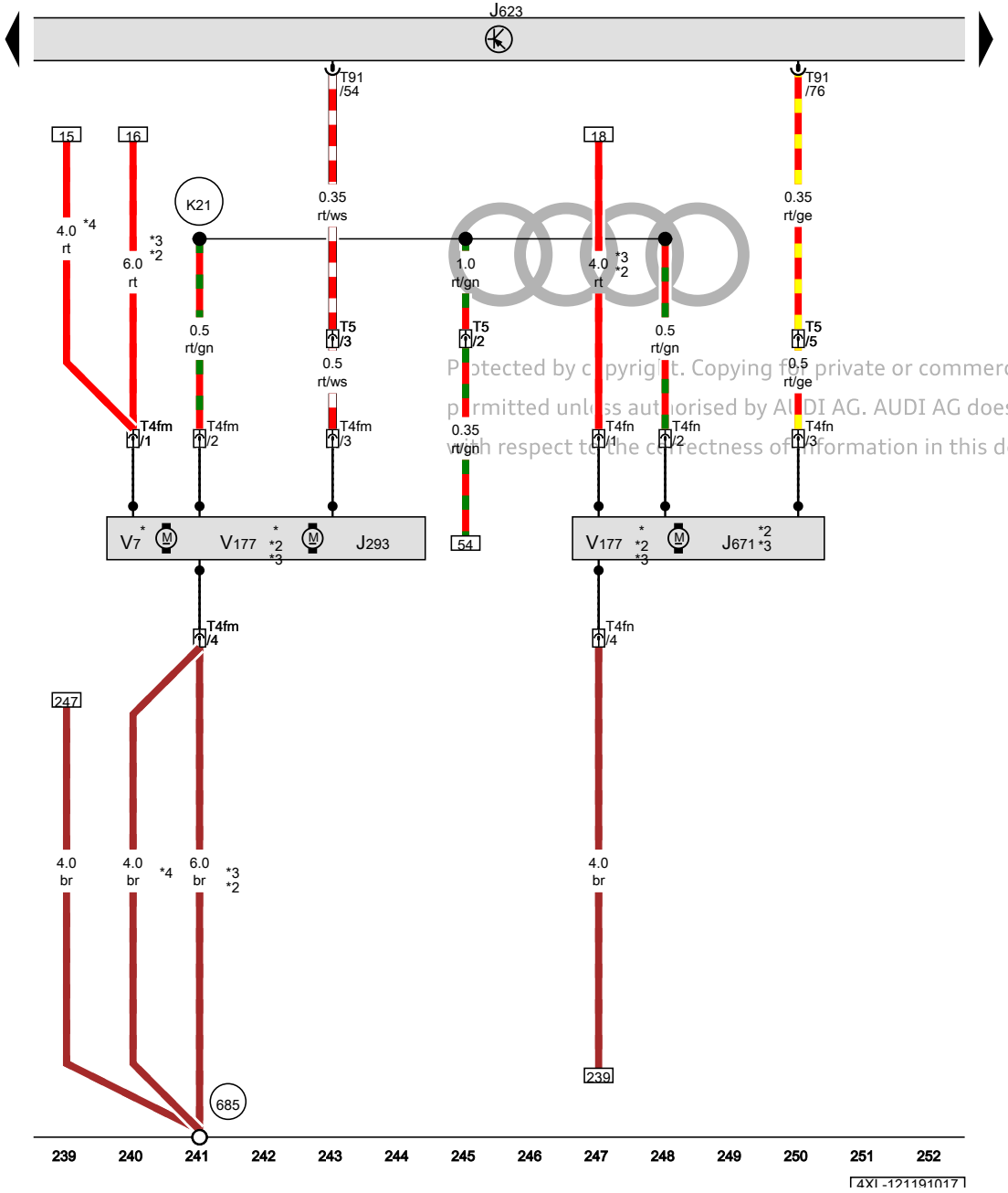


Control unit for NOx sender, Engine/motor control unit, Control unit for NOx sender 2

G295	NOx sender
G687	NOx sender 2
J583	Control unit for NOx sender
J623	Engine/motor control unit, in plenum chamber
J881	Control unit for NOx sender 2
T4gk	4-pin connector, Coupling station, E-box on left in plenum chamber, black
T5bb	5-pin connector, black
T5be	5-pin connector, black
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T91	91-pin connector, black
367	Earth connection 2, in main wiring harness
B353	Positive connection 4 (87a) in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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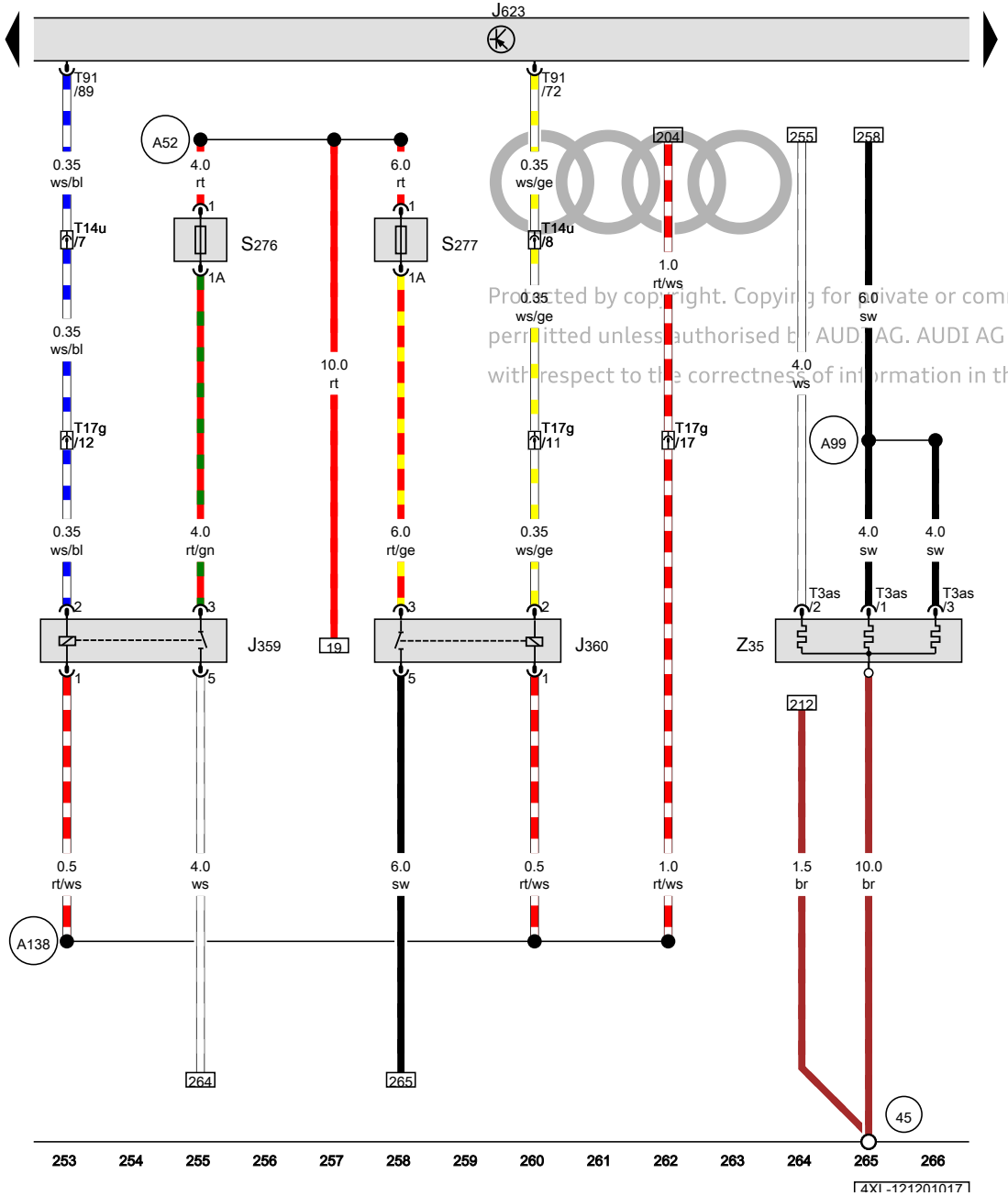
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Radiator fan control unit, Engine/motor control unit, Radiator fan control unit 2

J293	Radiator fan control unit
J623	Engine/motor control unit, in plenum chamber
J671	Radiator fan control unit 2
T4fm	4-pin connector, near radiator fan
T4fn	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T91	91-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1, on front of right longitudinal member
K21	Connection 1, in radiator fan wiring harness
*	Pre-wired component
*2	Hot country version
*3	For models with towing bracket
*4	For models with no towing bracket

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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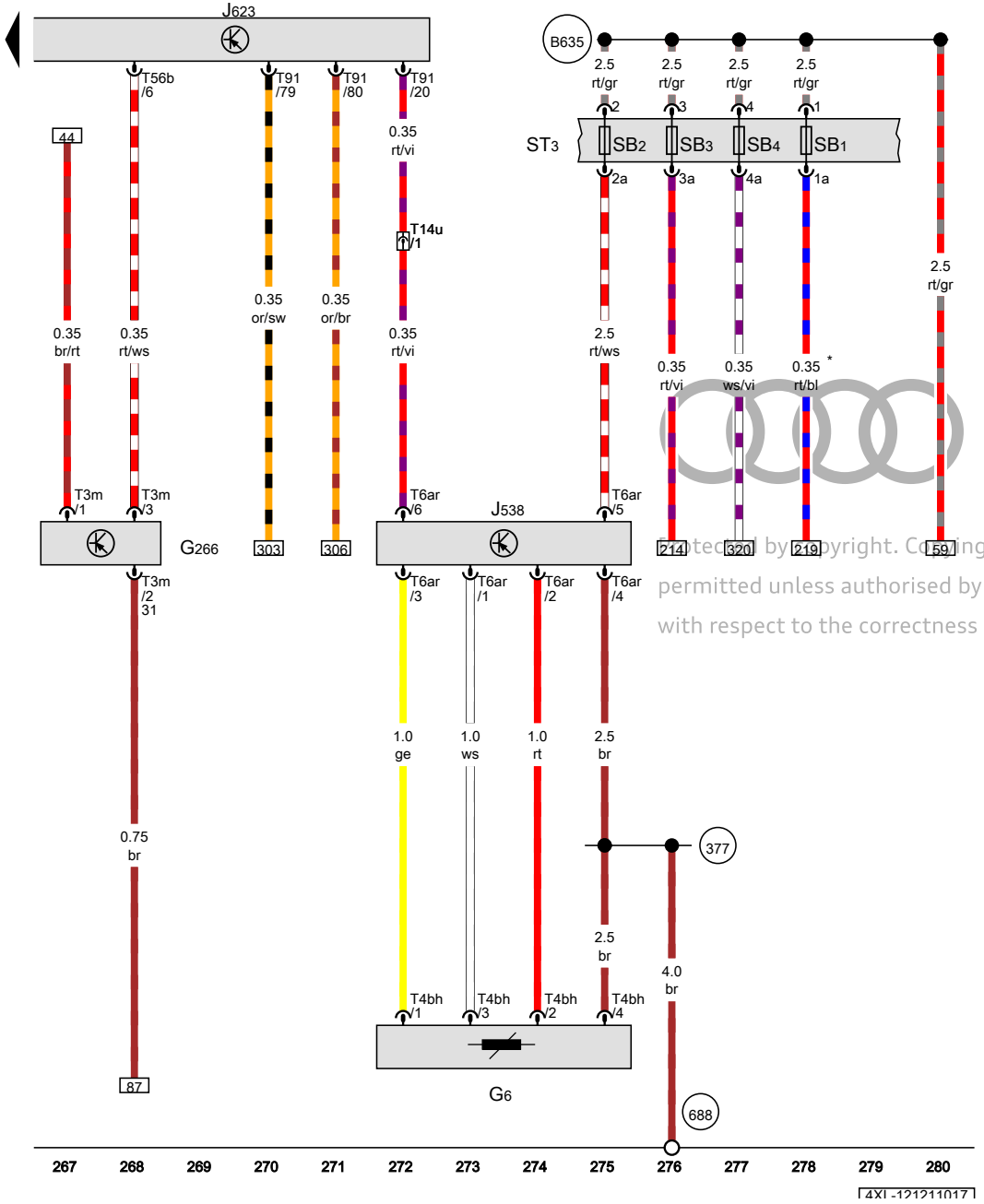
Low heat output relay, High heat output relay, Engine/motor control unit, Auxiliary air heater element



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J359	Low heat output relay
J360	High heat output relay
J623	Engine/motor control unit, in plenum chamber
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T17g	17-pin connector, in left A-pillar coupling station, blue
T91	91-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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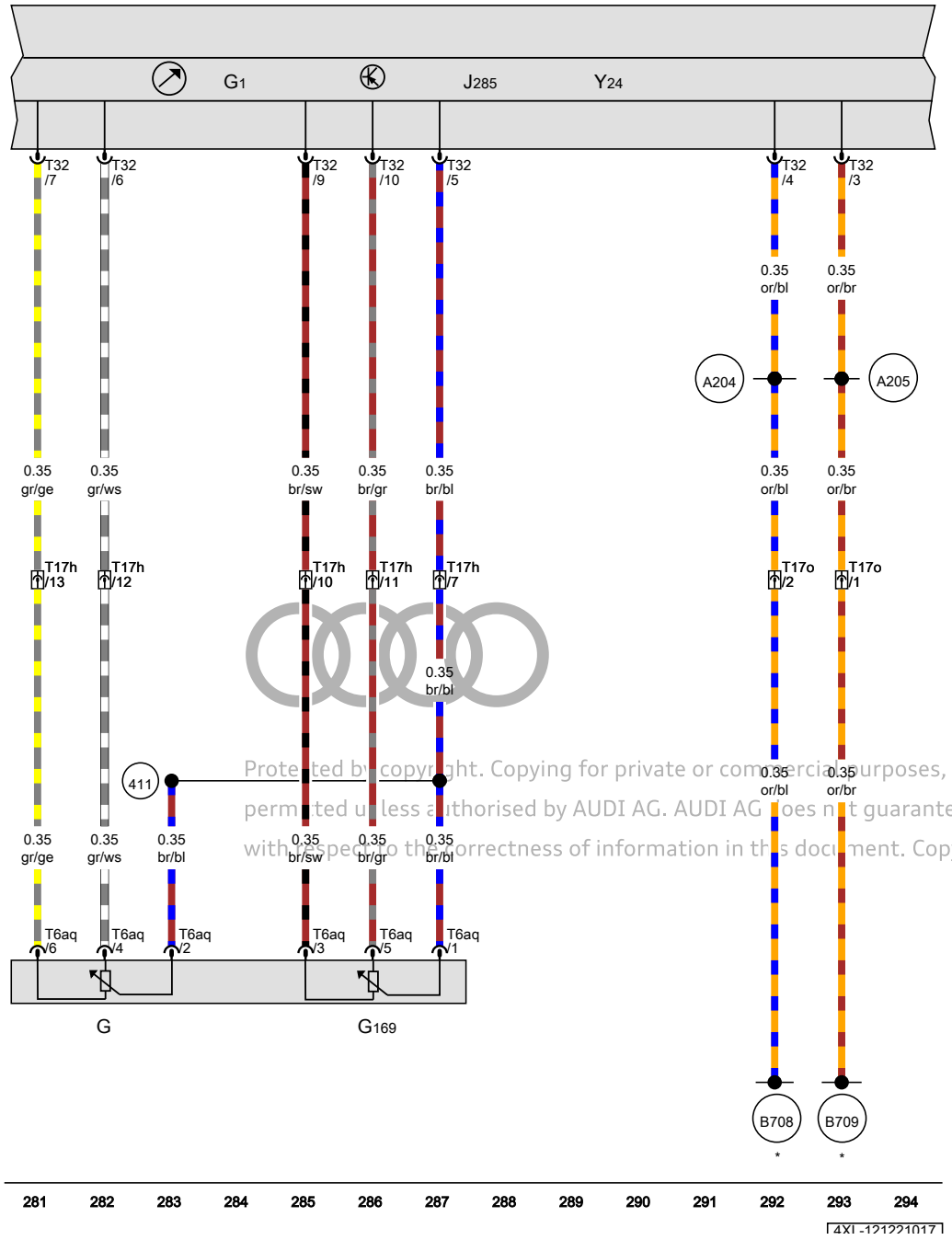


Fuel system pressurisation pump, Oil level and oil temperature sender, Fuel pump control unit, Engine/motor control unit

G6	Fuel system pressurisation pump
G266	Oil level and oil temperature sender
J538	Fuel pump control unit
J623	Engine/motor control unit, in plenum chamber
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
ST3	Fuse carrier 3
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
T3m	3-pin connector, black
T4bh	4-pin connector
T6ar	6-pin connector
T14u	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T56b	56-pin connector, black
T91	91-pin connector, black
377	Earth connection 12, in main wiring harness
688	Earth point 2, on centre tunnel
B635	Positive connection 3 (87), in main wiring harness
*	For models with manual gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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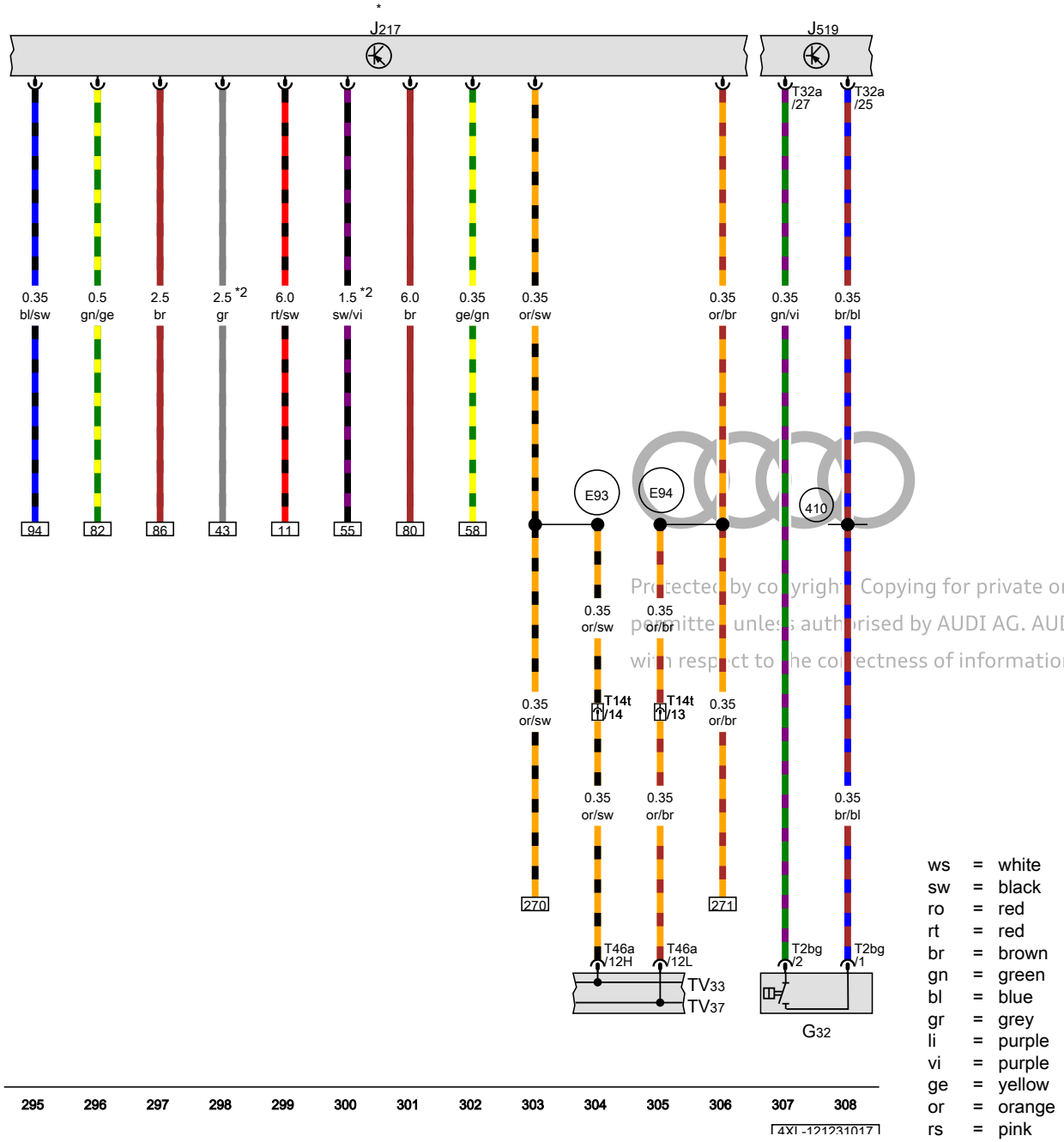
Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

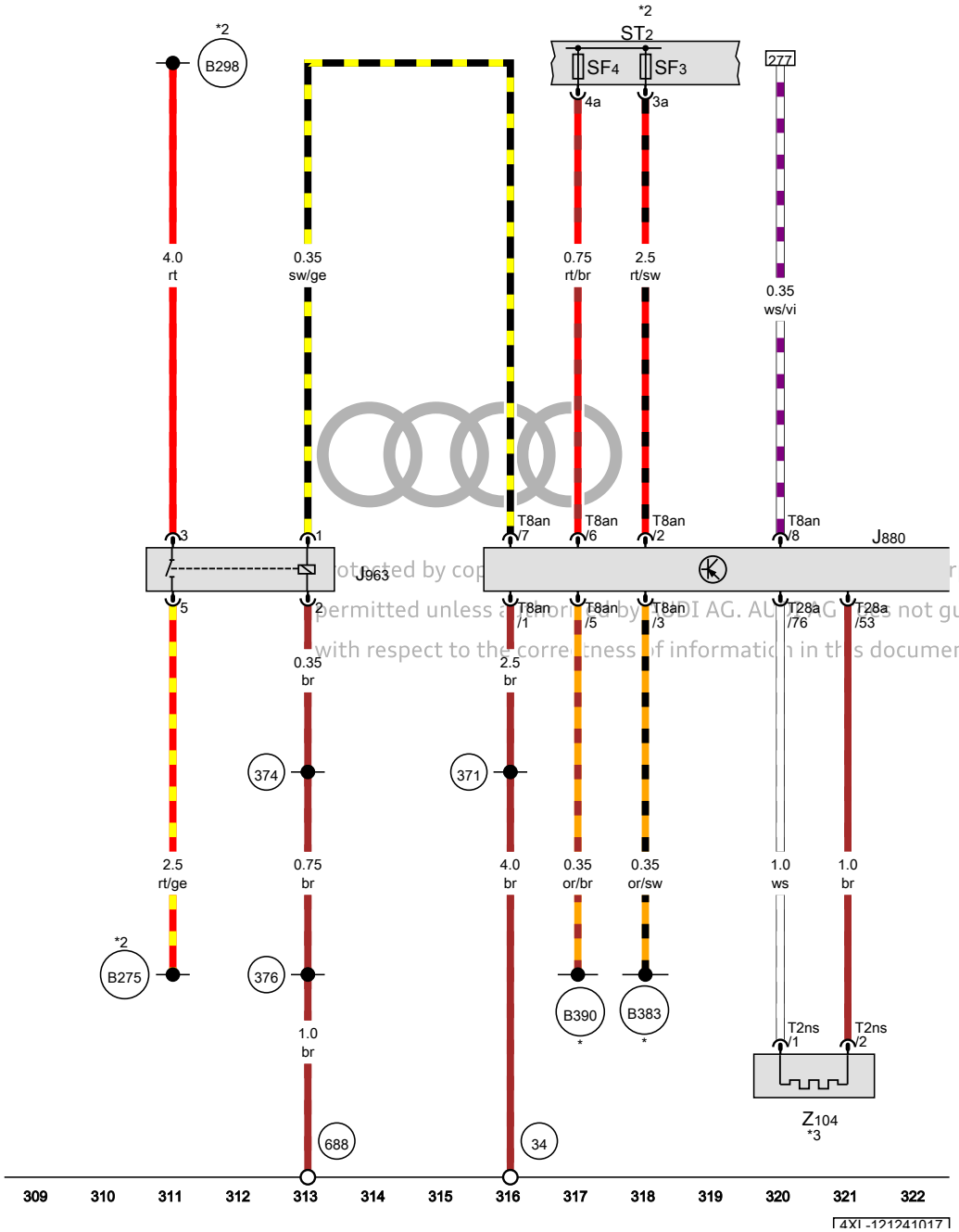
Coolant shortage indicator sender, Onboard supply control unit, Wiring junction for powertrain CAN bus, high

G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J519	Onboard supply control unit
T2bg	2-pin connector
T14t	14-pin connector, Coupling station, E-box on left in plenum chamber, black
T32a	32-pin connector
T46a	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
410	Earth connection 1 (sender earth) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Cross section depends on equipment



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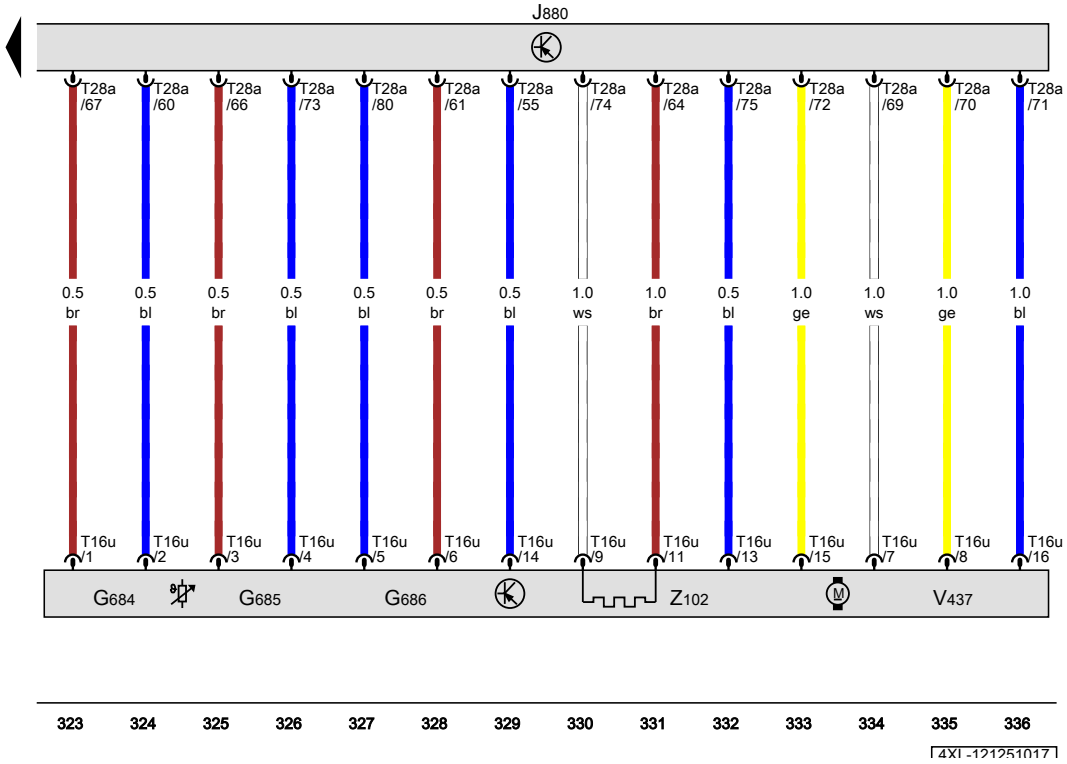
Control unit for reducing agent metering system, Relay for reducing agent metering system, Heater for reducing agent line (heater circuit 2)

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T2ns	2-pin connector
T8an	8-pin connector, black
T28a	28-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B275	Positive connection (87), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for data bus network
*2	see applicable current flow diagram for fuse assignment
*3	Heater for reducing agent line can comprise multiple sections

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Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Control unit for reducing agent metering system, Pump for reducing agent, Heater for reducing agent tank (heater circuit 1)

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T16u	16-pin connector
T28a	28-pin connector, black
V437	Pump for reducing agent
Z102	Heater for reducing agent tank (heater circuit 1)

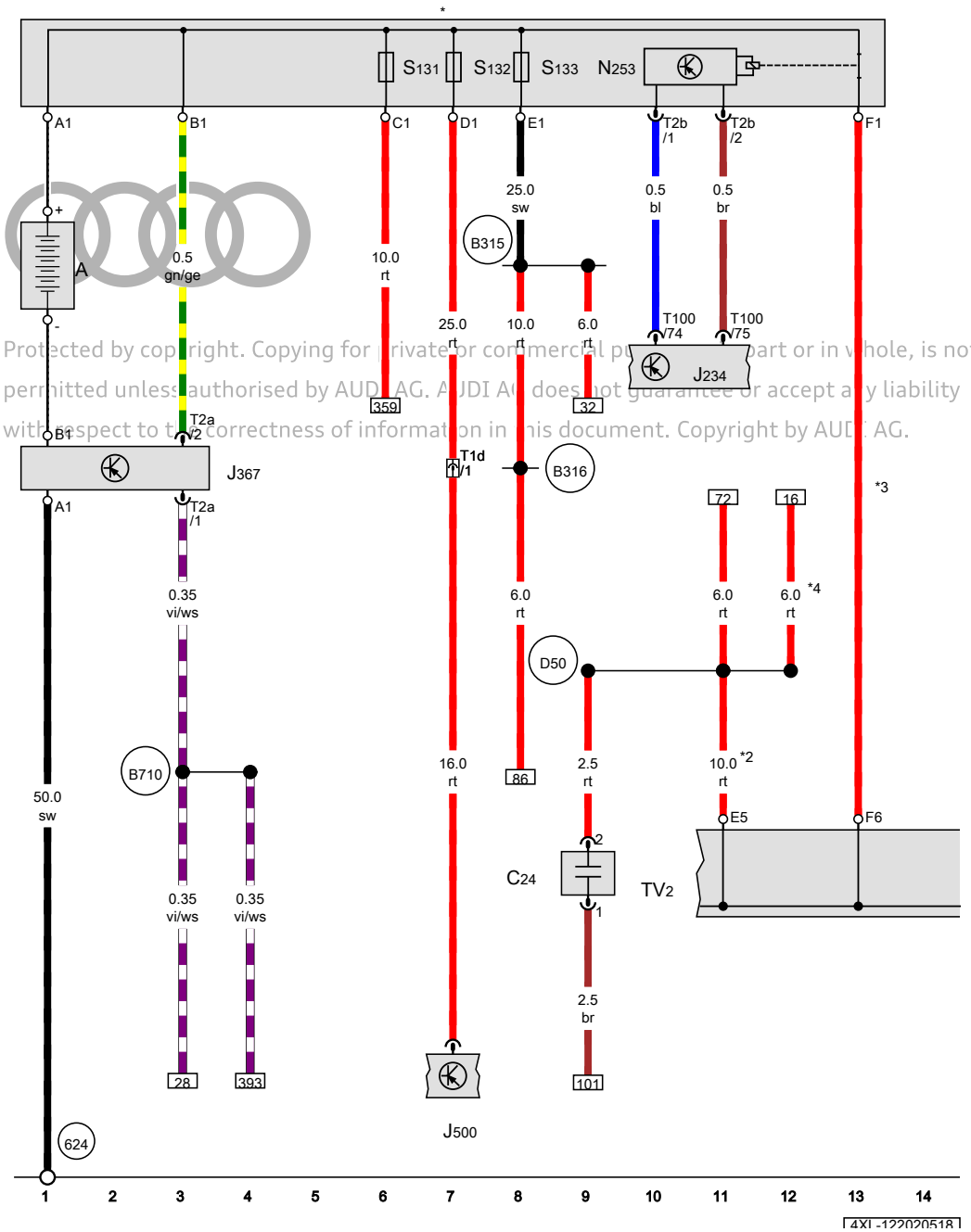


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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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2.0l diesel engine , DDCA,DDCB,DDDA

From June 2016

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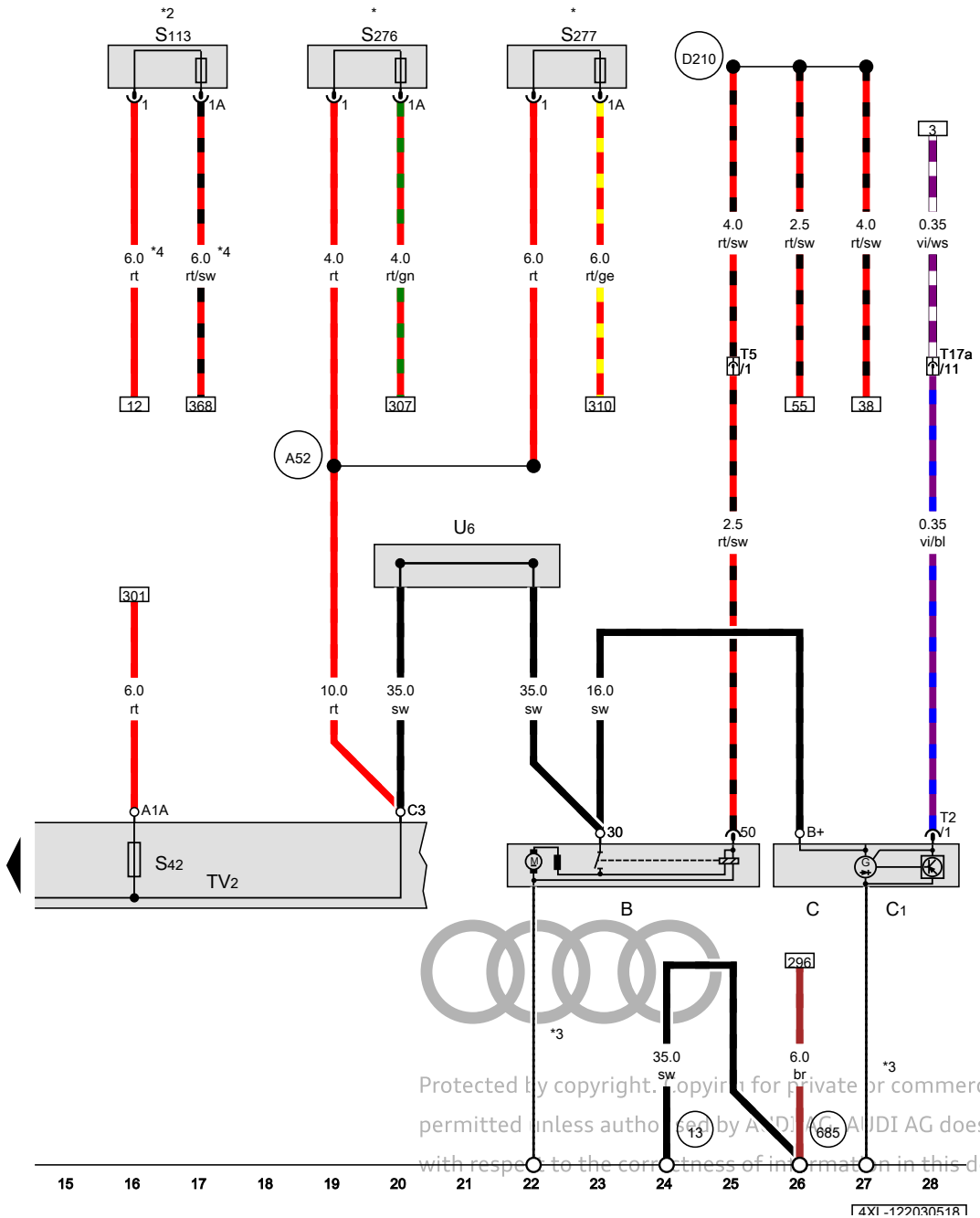


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Battery, Suppression filter, Battery monitor control unit, Battery isolation igniter, Terminal 30 wiring junction

A	Battery
C24	Suppression filter
J234	Airbag control unit
J367	Battery monitor control unit
J500	Power steering control unit
N253	Battery isolation igniter, near battery
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T1d	1-pin connector, on front left on vehicle floor, black
T2a	2-pin connector
T2b	2-pin connector, yellow
TV2	Terminal 30 wiring junction, central in plenum chamber
T100	100-pin connector
624	Earth point, starter battery
B315	Positive connection 1 (30a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B710	Connection 5 (LIN bus) in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Main fuse carrier, on battery on rear right in luggage compartment
*2	Cross-section 6.0 possible
*3	Flat conductor
*4	For models with automatic gearbox

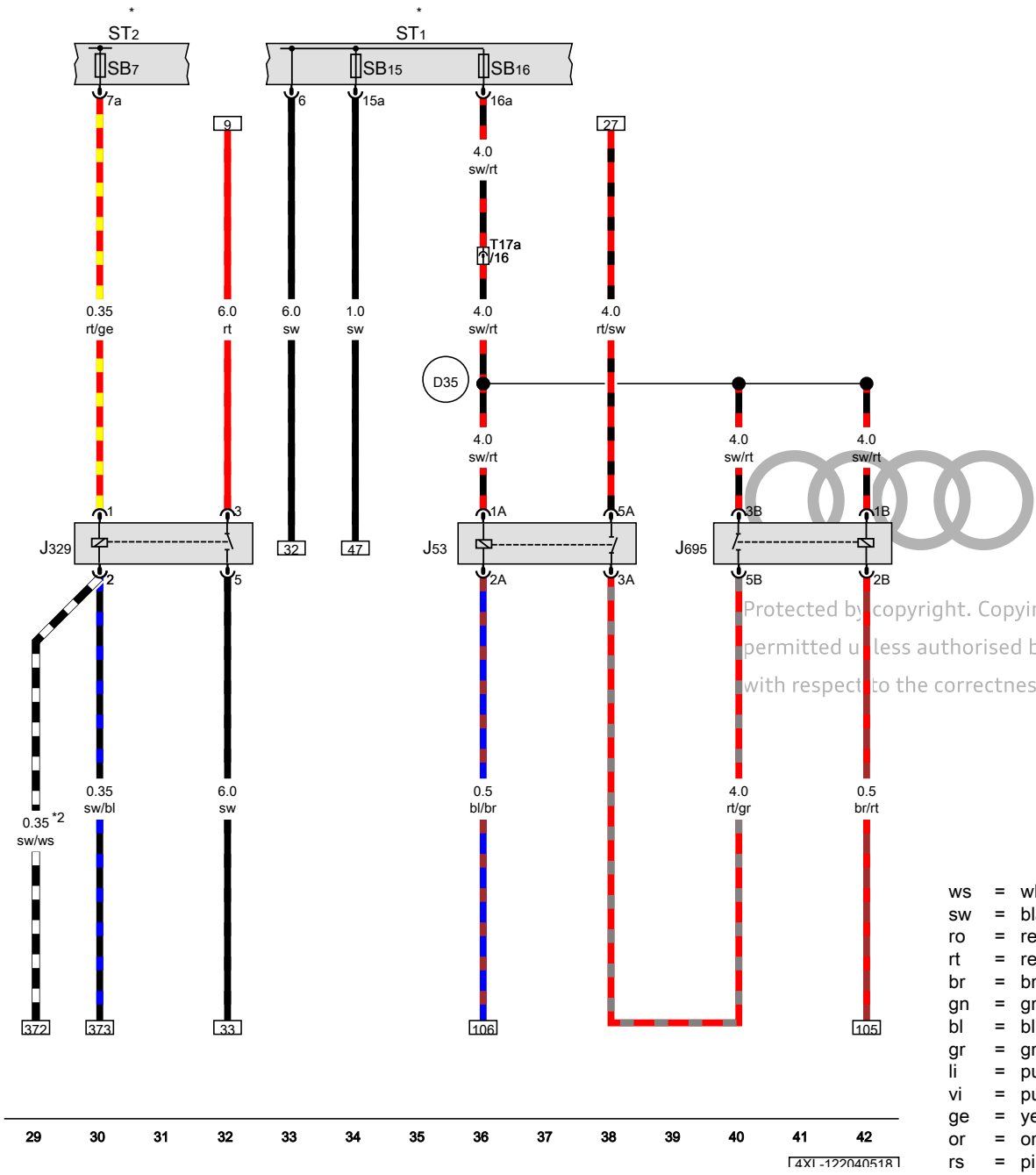


Starter, Alternator, Terminal 30 wiring junction

B	Starter
C	Alternator
C1	Voltage regulator
S42	Radiator fan single fuse
S113	Automatic gearbox control unit fuse
S276	Heater element fuse 1
S277	Heater element fuse 2
T2	2-pin connector
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
TV2	Terminal 30 wiring junction, central in plenum chamber
U6	Jump start socket
13	Earth point, on right in engine compartment
685	Earth point 1, on front of right longitudinal member
A52	Positive connection 2 (30), in dash panel wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Relay carrier on left under dash panel
*2	see applicable current flow diagram for automatic gearbox
*3	Earth supply via housing
*4	For models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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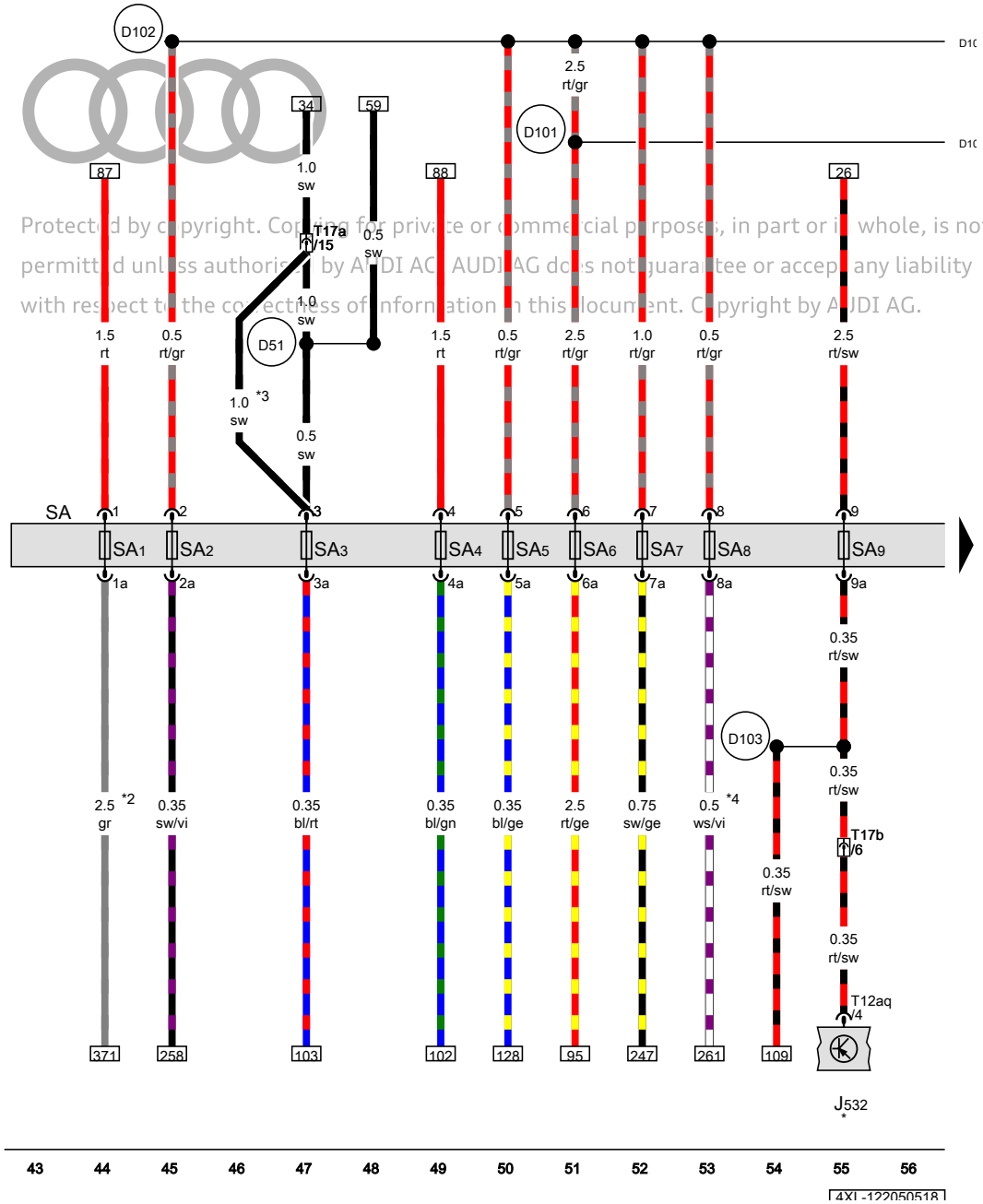


Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models

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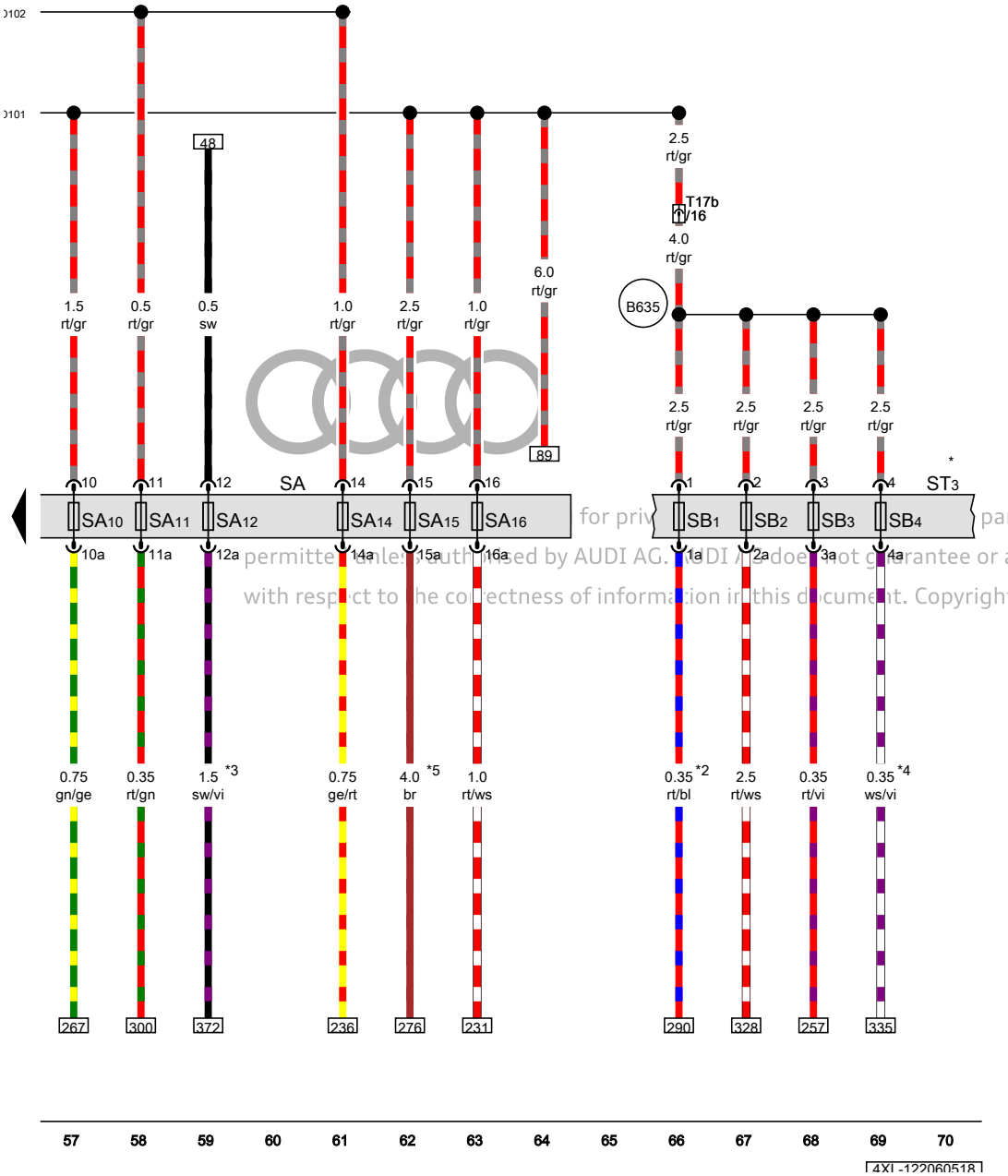


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Fuse holder A

J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
T12aq	12-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
D51	Positive connection 1 (15), in engine compartment wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	For models with start/stop system
*2	For models with automatic gearbox
*3	For models with manual gearbox
*4	For models with Euro 6 emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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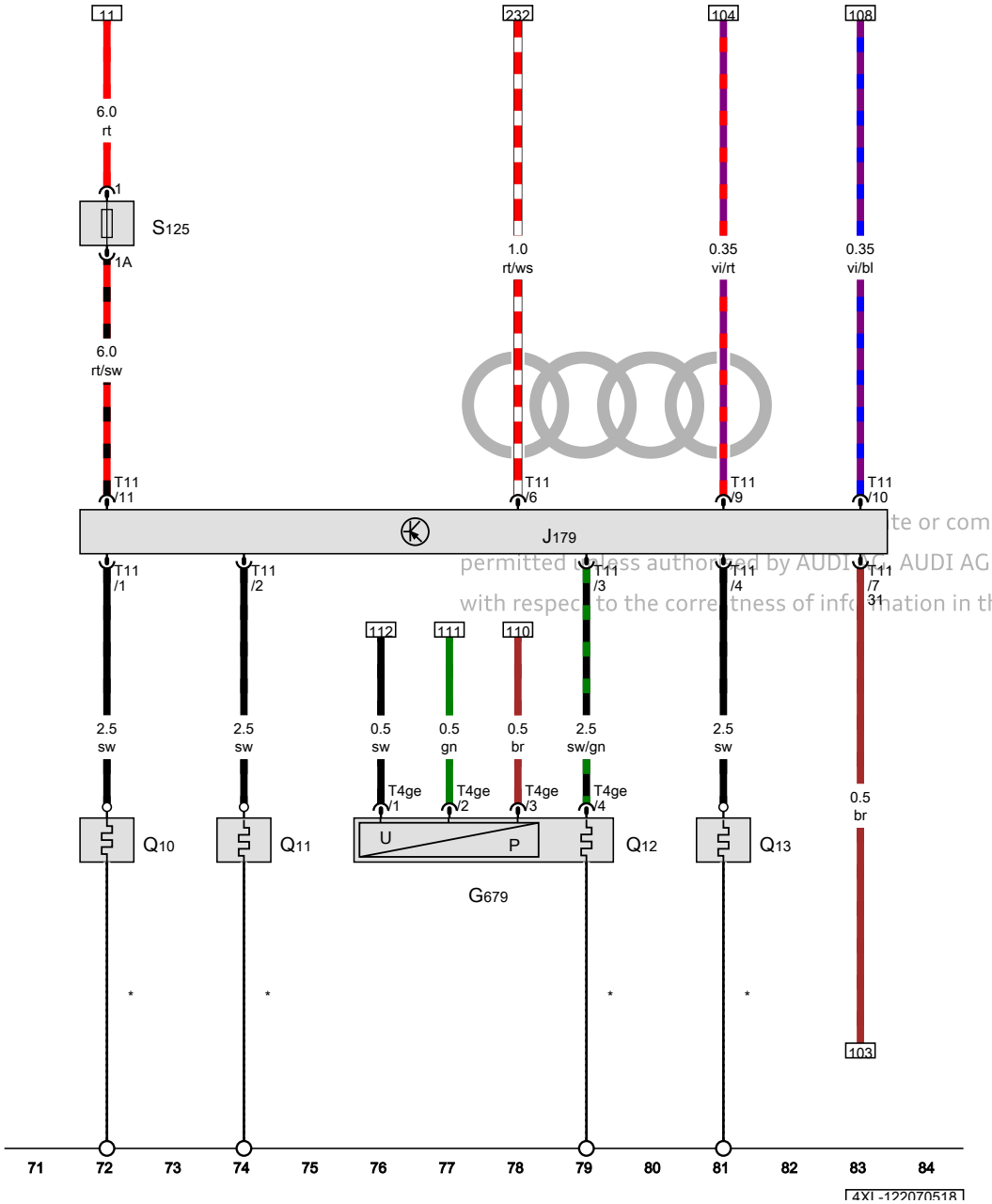
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vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder A

SA	Fuse holder A
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
SA10	Fuse 10 on fuse holder A
SA11	Fuse 11 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
B635	Positive connection 3 (87), in main wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with manual gearbox
*3	For models with automatic gearbox
*4	For models with reducing agent metering system
*5	For models with Euro 5 plus emission standard

Cylinder 3 combustion chamber pressure sender, Automatic glow period control unit

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
S125	Glow plug fuse
T4ge	4-pin connector
T11	11-pin connector
*	Earth supply via housing



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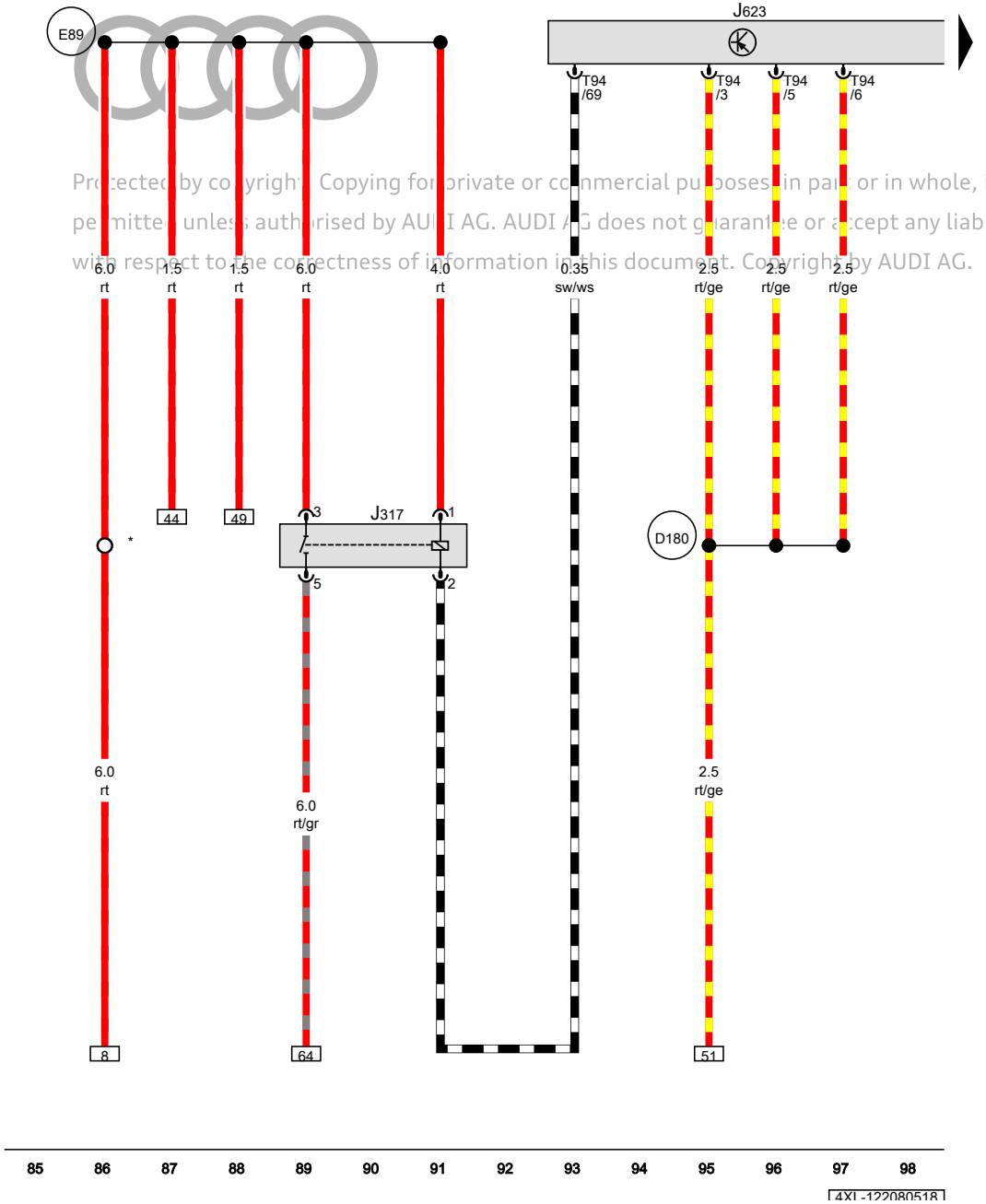
Terminal 30 voltage supply relay, Engine/motor control unit

J317 Terminal 30 voltage supply relay
J623 Engine/motor control unit
T94 94-pin connector

D180 Connection (87a), in engine compartment wiring harness

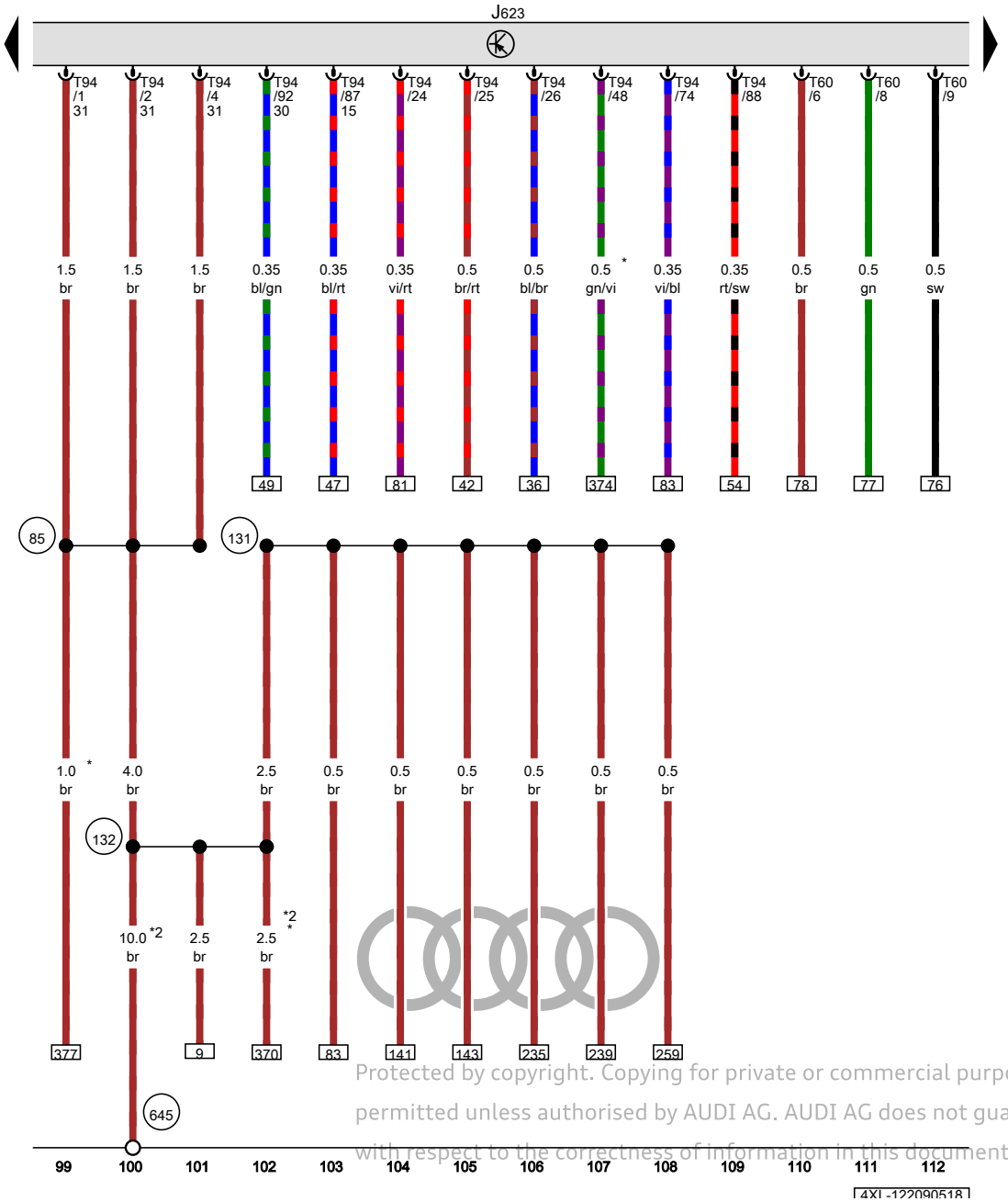
E89 Positive connection (30a) in engine wiring harness

* Threaded connection, in E-box in plenum chamber



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Engine/motor control unit

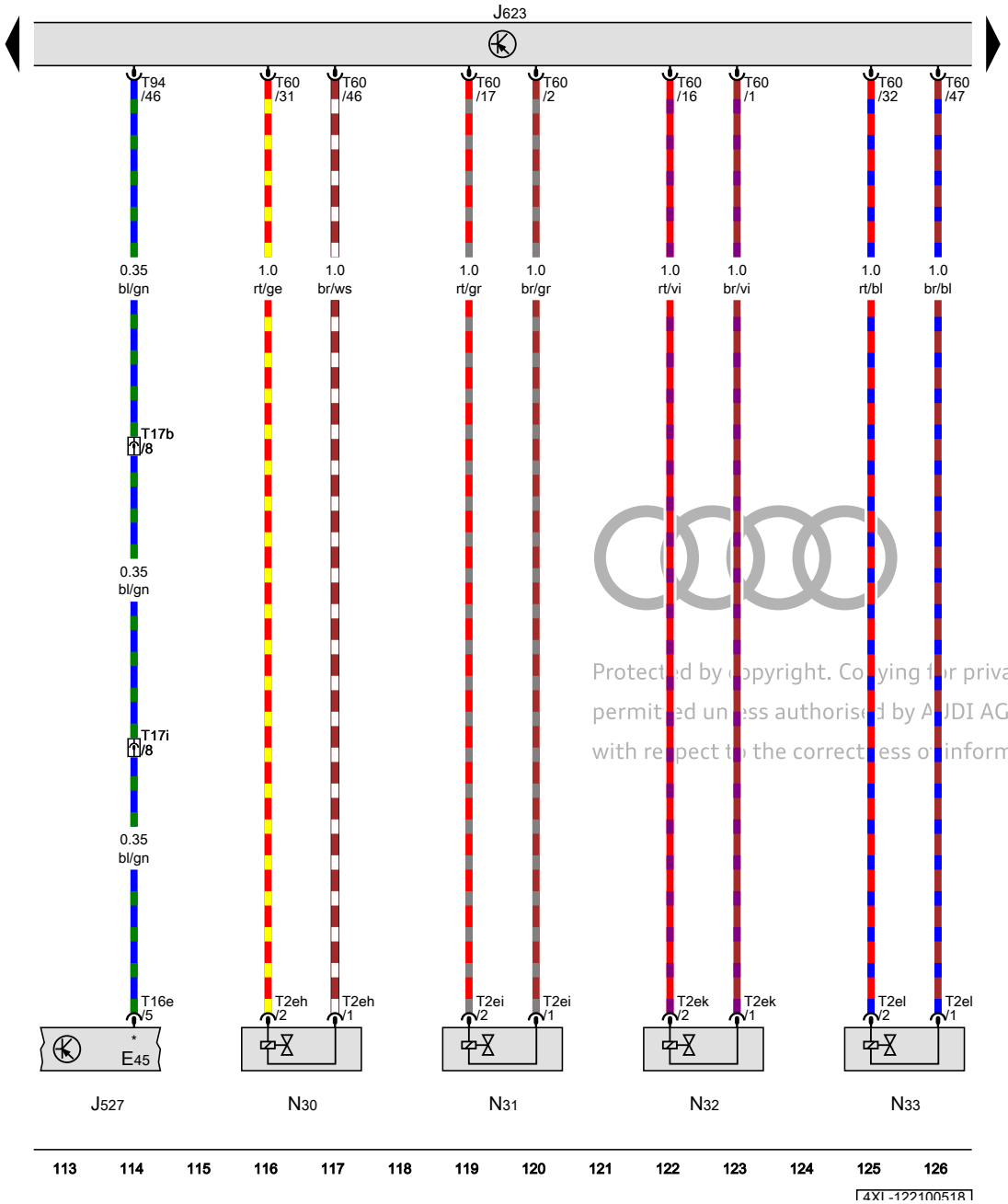
J623	Engine/motor control unit
SA12	Fuse 12 on fuse holder A
T60	60-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
645	Earth point 1, on bulkhead
*	For models with automatic gearbox
*2	Cross-section 6.0 possible

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Engine/motor control unit, Injector, cylinder 1

E45	Cruise control system switch
J527	Steering column electronics control unit
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2eh	2-pin connector, black
T2ei	2-pin connector, black
T2ek	2-pin connector, black
T2el	2-pin connector, black
T16e	16-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T60	60-pin connector
T94	94-pin connector
*	For models with cruise control system (CCS)

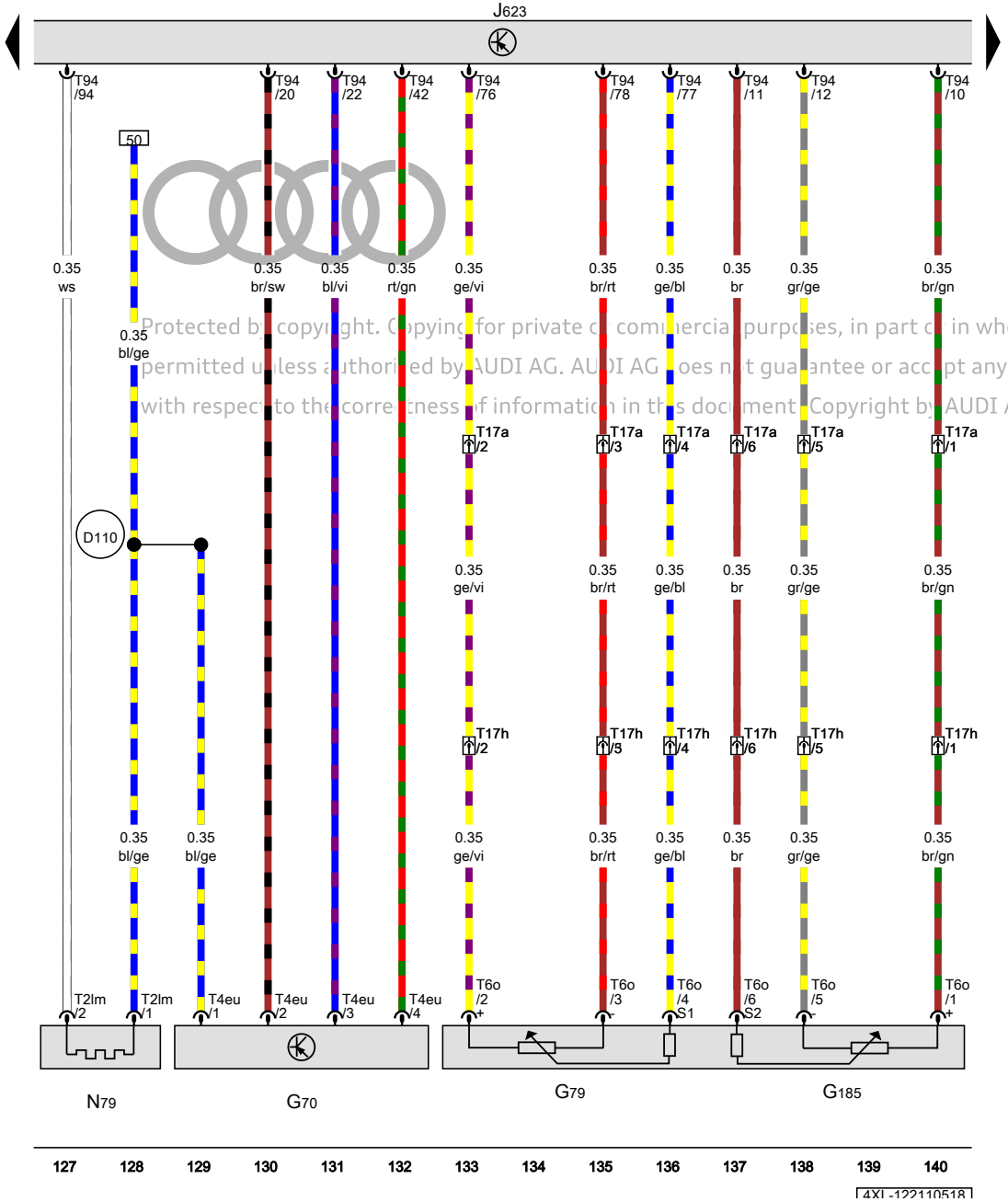


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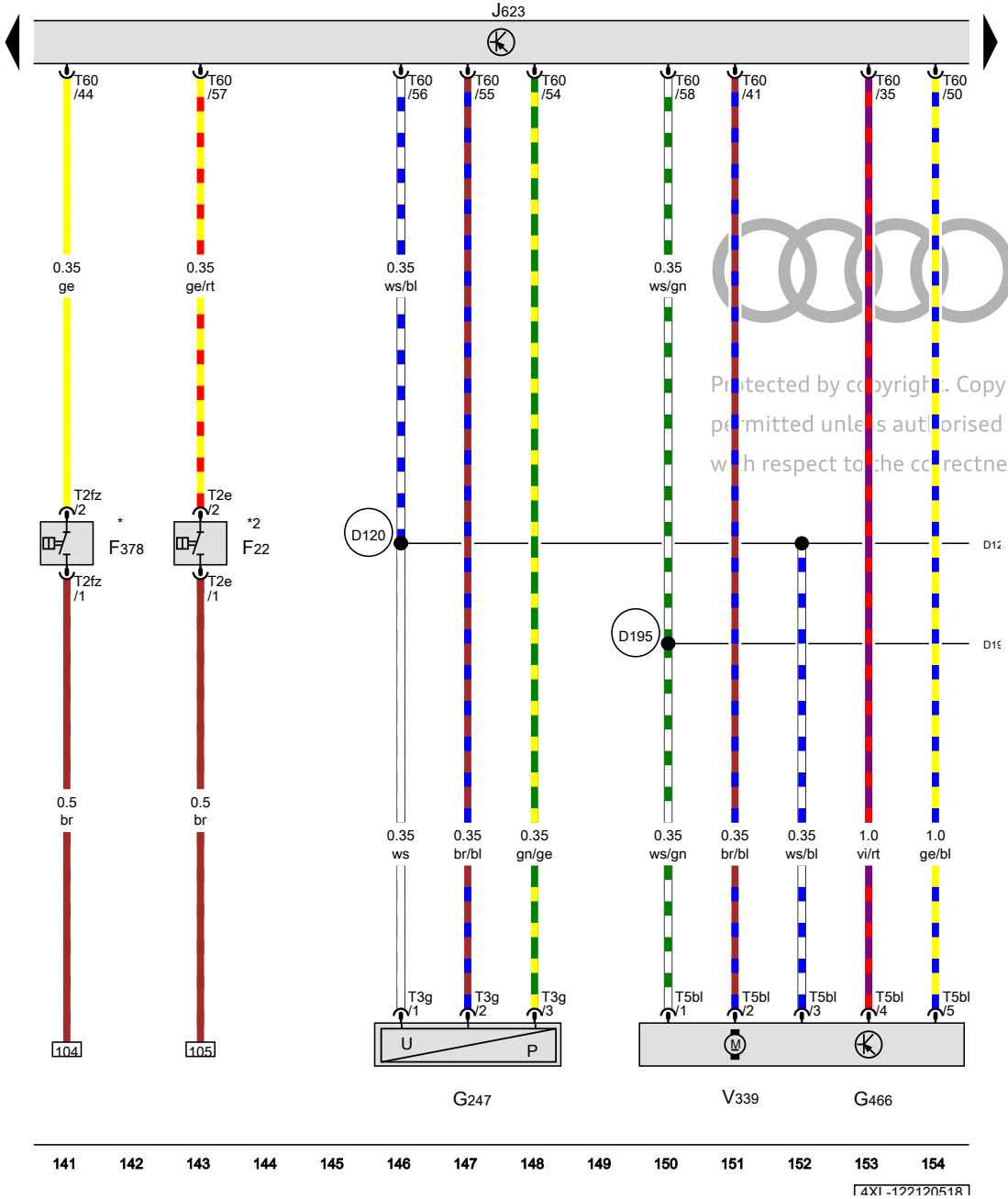
Air mass meter, Accelerator position sender, Engine/motor control unit, Heater element for crankcase breather

G70	Air mass meter
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
N79	Heater element for crankcase breather
T2lm	2-pin connector
T4eu	4-pin connector
T6o	6-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17h	17-pin connector, in left A-pillar coupling station, red
T94	94-pin connector
D110	Connection 8 in engine compartment wiring harness



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Oil pressure switch, Oil pressure switch for reduced oil pressure, Fuel pressure sender, Engine/motor control unit, Exhaust gas recirculation control motor 2

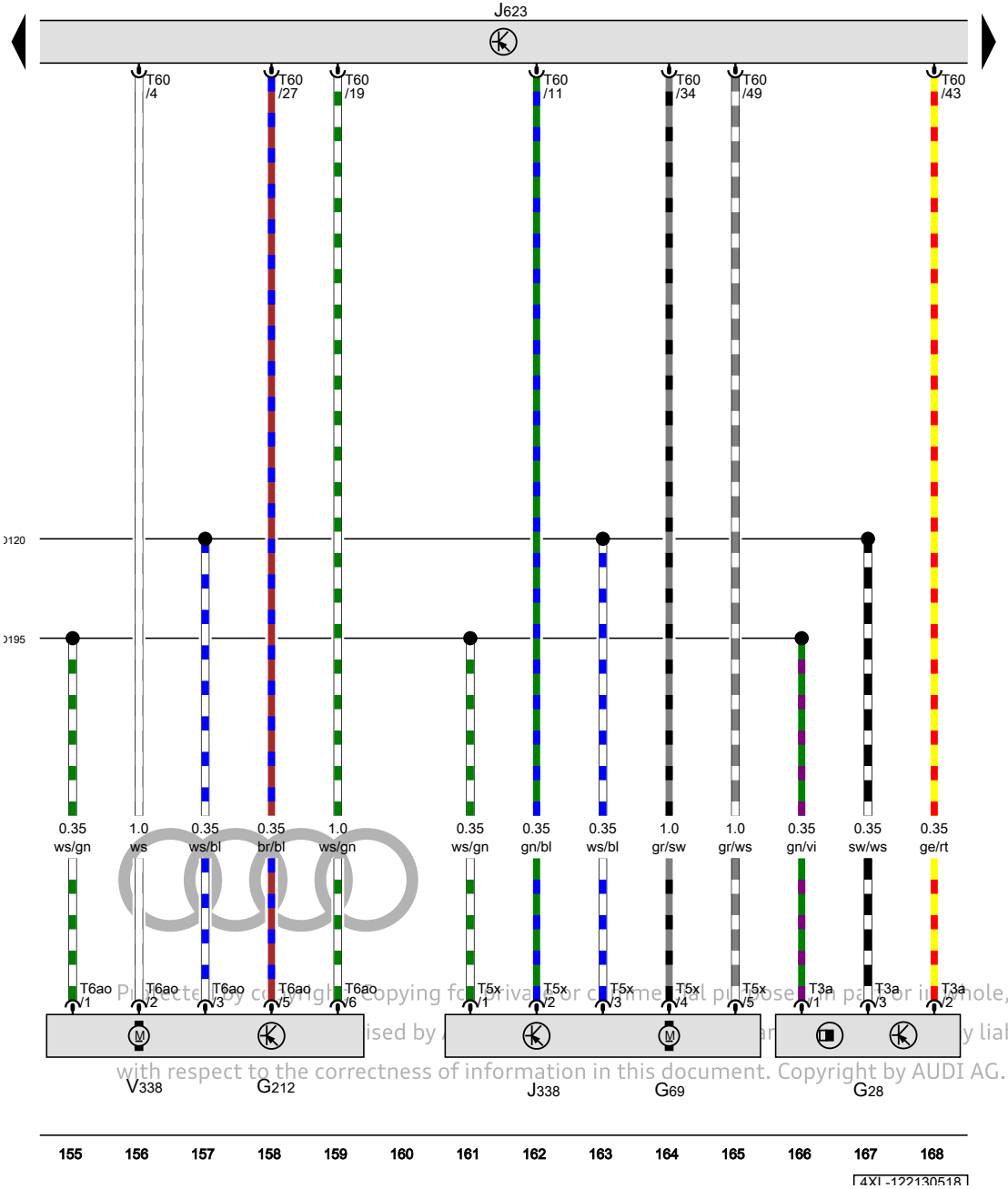
F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G247	Fuel pressure sender
G466	Exhaust gas recirculation potentiometer 2
J623	Engine/motor control unit
T2e	2-pin connector
T2fz	2-pin connector
T3g	3-pin connector
T5bl	5-pin connector
T60	60-pin connector
V339	Exhaust gas recirculation control motor 2
D120	Connection 18 in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	0.9 bar
*2	2.6 bar

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Engine speed sender, Throttle valve module, Engine/motor control unit, Exhaust gas recirculation control motor

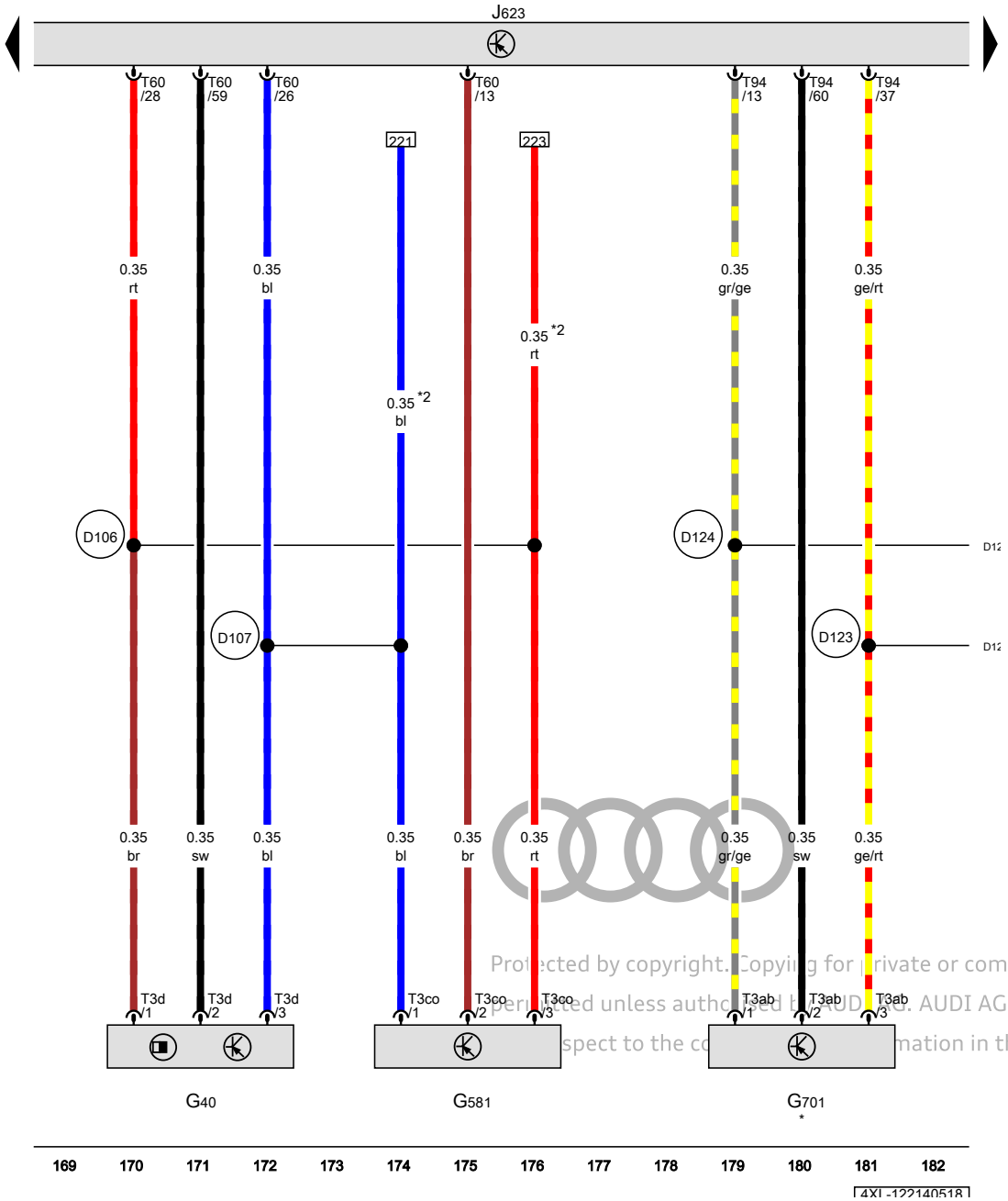
G28	Engine speed sender
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
J338	Throttle valve module
J623	Engine/motor control unit
T3a	3-pin connector
T5x	5-pin connector
T6ao	6-pin connector
T60	60-pin connector
V338	Exhaust gas recirculation control motor
D120	Connection 18 in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness



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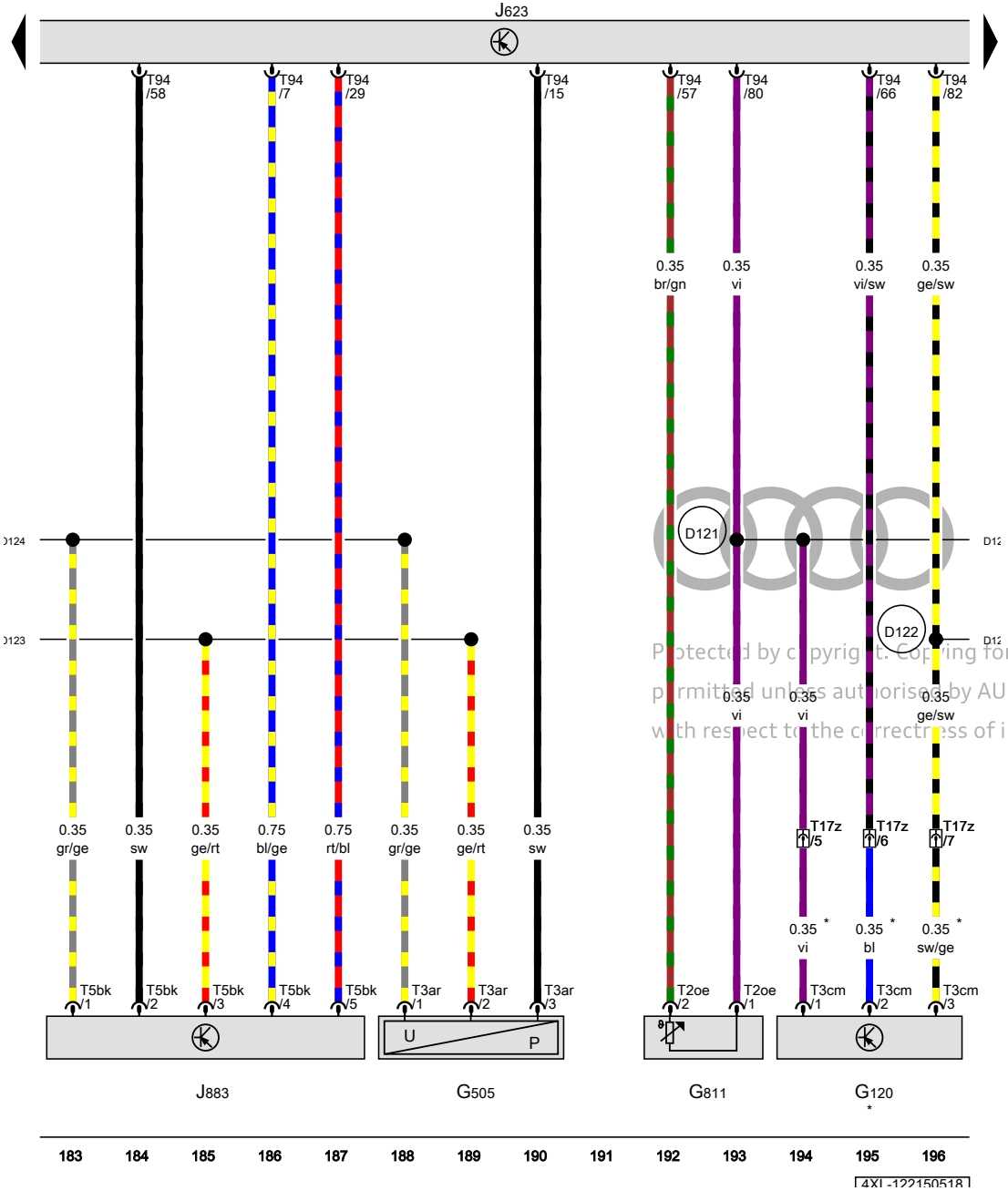
Hall sender, Position sender for charge pressure positioner, Gearbox neutral position sender, Engine/motor control unit



G40	Hall sender
G581	Position sender for charge pressure positioner
G701	Gearbox neutral position sender
J623	Engine/motor control unit
T3ab	3-pin connector
T3co	3-pin connector
T3d	3-pin connector
T60	60-pin connector
T94	94-pin connector
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness
*	For models with manual gearbox
*2	For models with Euro 5 plus emission standard

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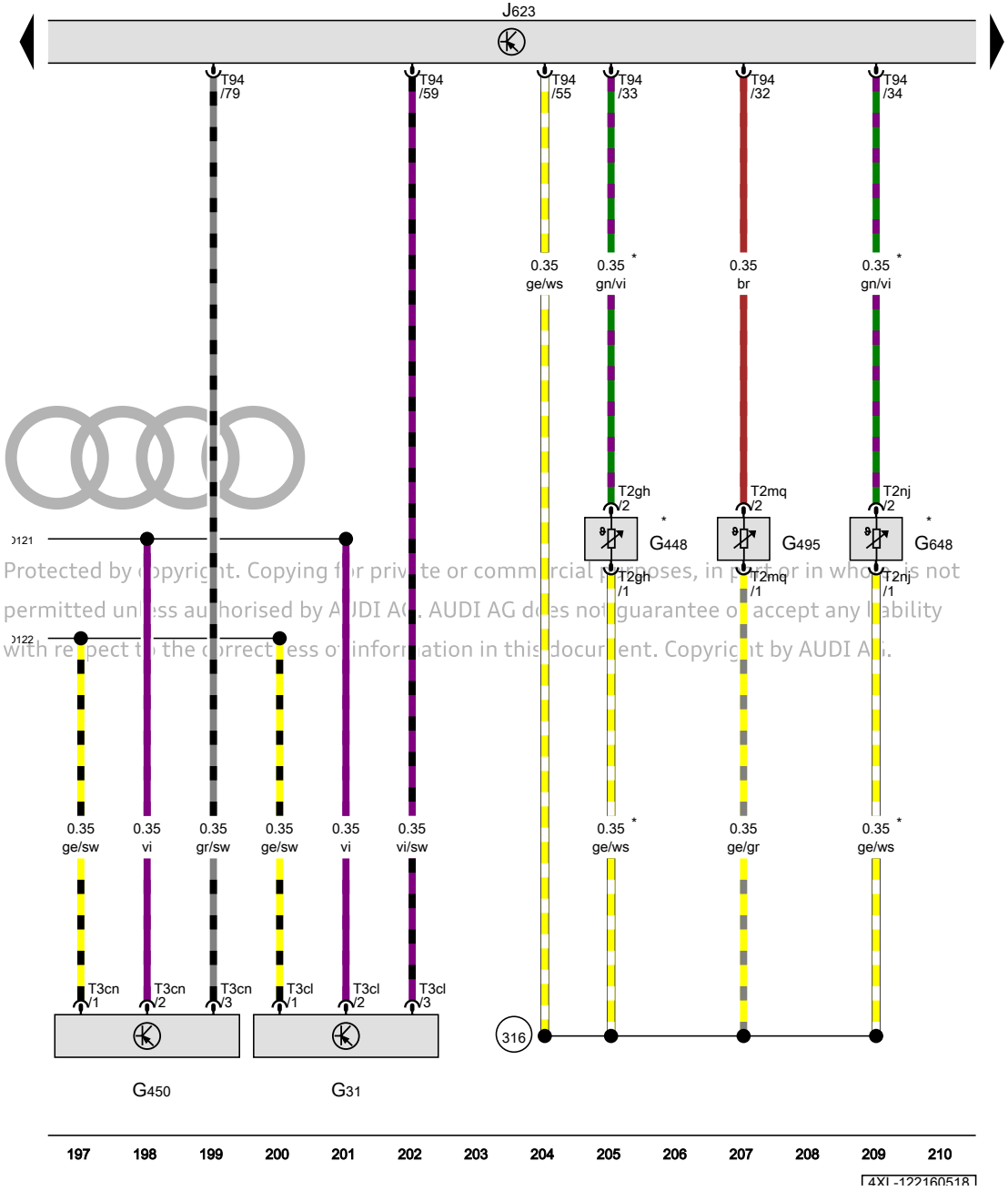


Water level sender, Pressure differential sender, Charge air temperature sender after charge air cooler, Engine/motor control unit, Exhaust flap control unit

G120	Water level sender
G505	Pressure differential sender
G811	Charge air temperature sender after charge air cooler
J623	Engine/motor control unit
J883	Exhaust flap control unit
T2oe	2-pin connector
T3ar	3-pin connector
T3cm	3-pin connector
T5bk	5-pin connector
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T94	94-pin connector
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness
*	For models with Euro 5 plus emission standard

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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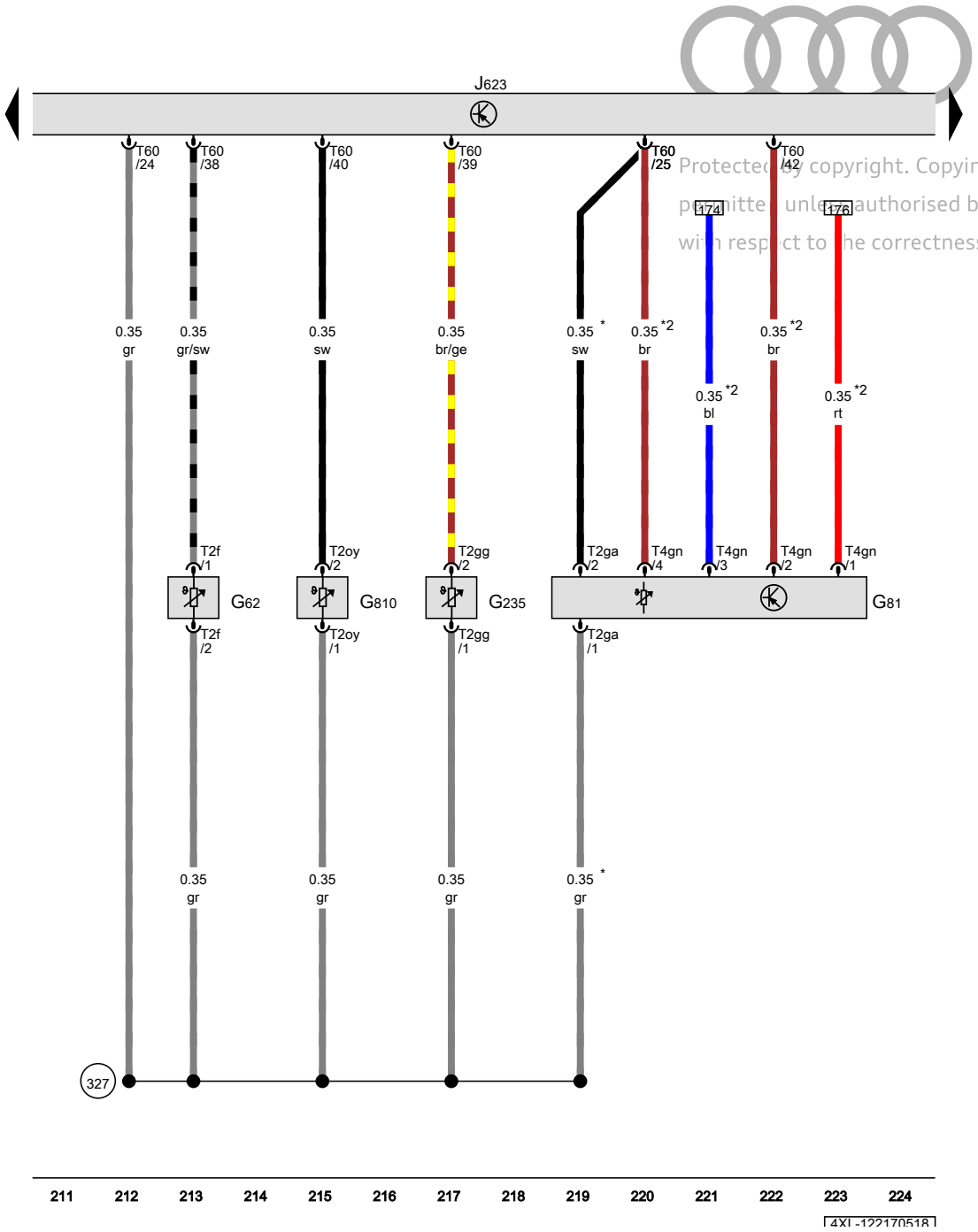


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Charge pressure sender, Exhaust gas temperature sender 2, Exhaust gas pressure sensor 1, Engine/motor control unit

G31	Charge pressure sender
G448	Exhaust gas temperature sender 2
G450	Exhaust gas pressure sensor 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine/motor control unit
T2gh	2-pin connector
T2mq	2-pin connector
T2nj	2-pin connector
T3cl	3-pin connector
T3cn	3-pin connector
T94	94-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	For models with Euro 6 emission standard

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ro	=	red
rt	=	red
br	=	brown
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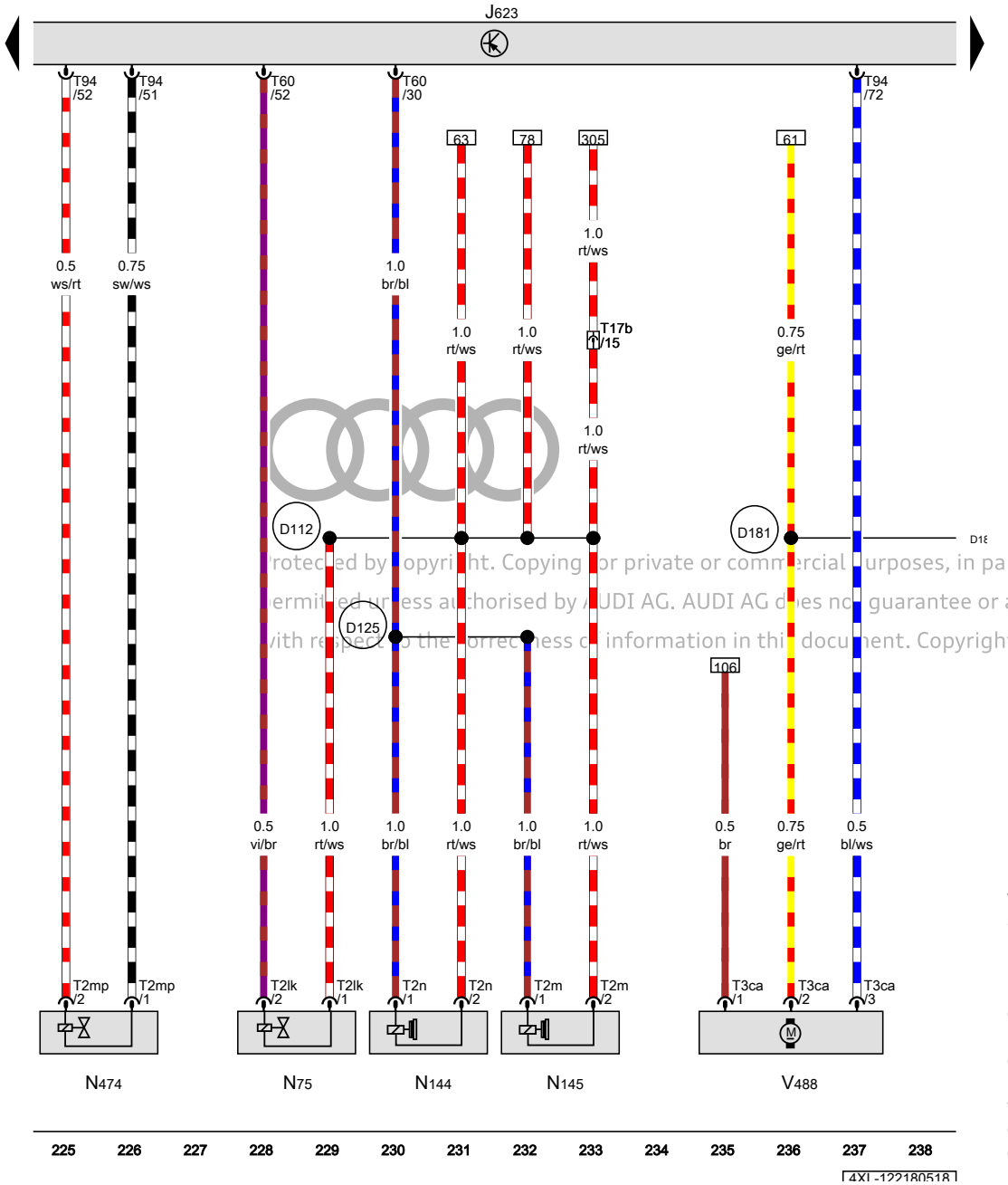


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Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine/motor control unit

G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G810	Charge air temperature sender before charge air cooler
J623	Engine/motor control unit
T2f	2-pin connector
T2ga	2-pin connector
T2gg	2-pin connector
T2oy	2-pin connector
T4gn	4-pin connector
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
*	For models with Euro 6 emission standard
*2	For models with Euro 5 plus emission standard

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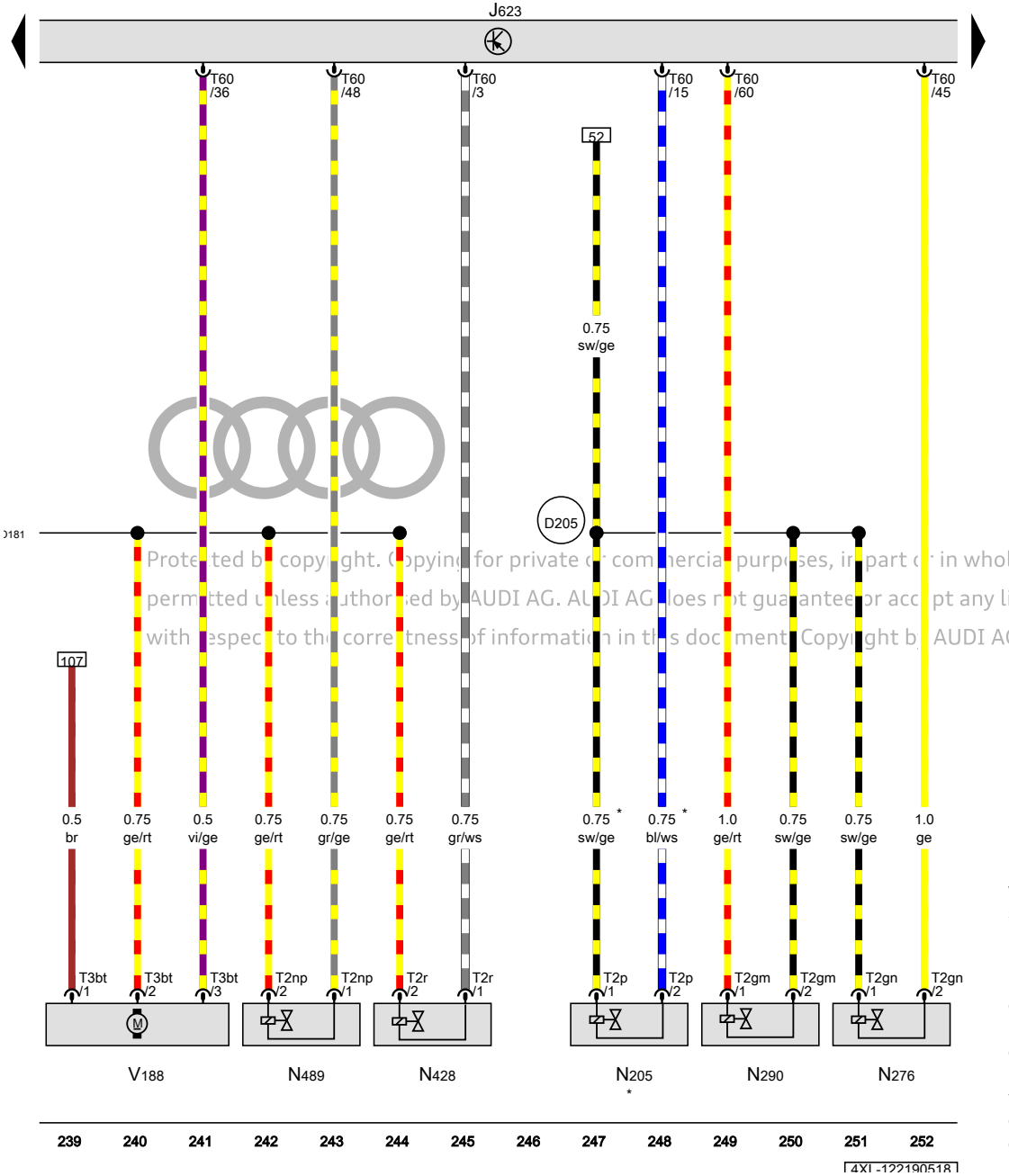
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Engine/motor control unit, Charge pressure control solenoid valve, Left electrohydraulic engine mounting solenoid valve, Injector for reducing agent, Auxiliary pump for heating

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N474	Injector for reducing agent
T2lk	2-pin connector
T2m	2-pin connector
T2mp	2-pin connector
T2n	2-pin connector
T3ca	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T60	60-pin connector
T94	94-pin connector
V488	Auxiliary pump for heating
D112	Connection 10 in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness

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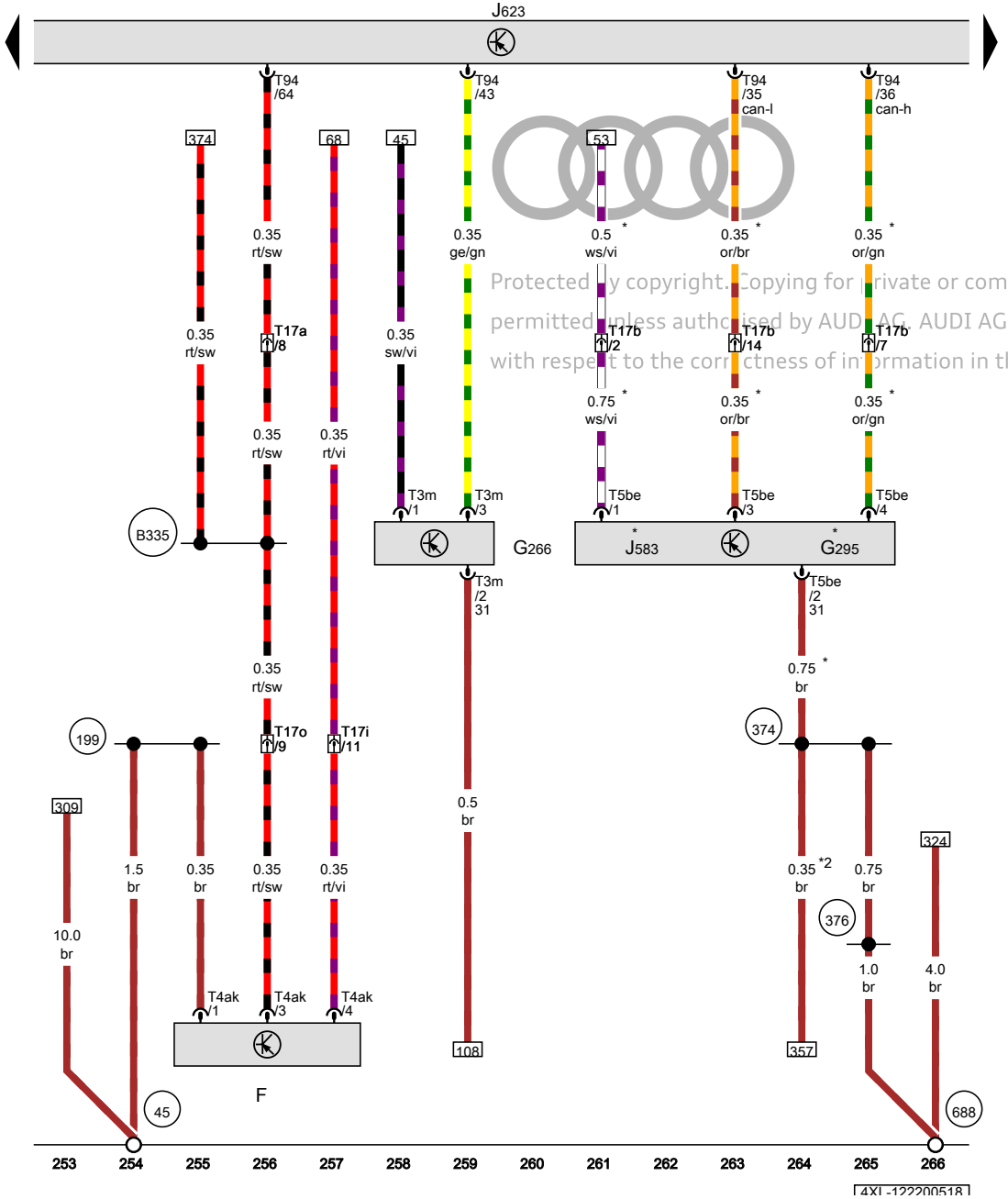
Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head



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J623	Engine/motor control unit
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2gm	2-pin connector
T2gn	2-pin connector
T2np	2-pin connector
T2p	2-pin connector
T2r	2-pin connector
T3bt	3-pin connector
T60	60-pin connector
V188	Charge air cooling pump
D181	Connection 2 (87a), in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	For models with Euro 6 emission standard

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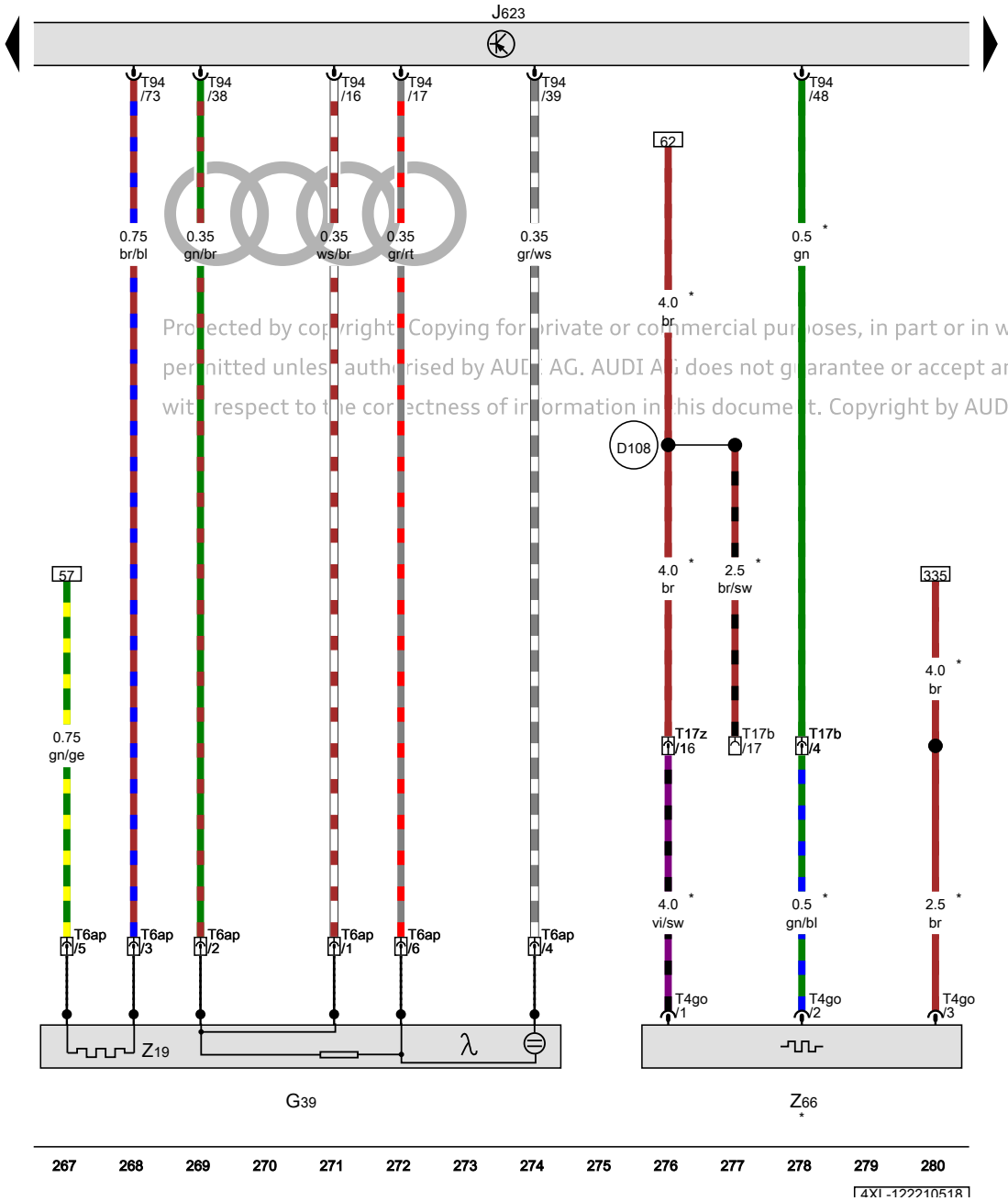


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Brake light switch, Oil level and oil temperature sender, Control unit for NOx sender, Engine/motor control unit

F	Brake light switch
G266	Oil level and oil temperature sender
G295	NOx sender
J583	Control unit for NOx sender
J623	Engine/motor control unit
T3m	3-pin connector
T4ak	4-pin connector
T5be	5-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T94	94-pin connector
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B335	Connection 1 (54), in main wiring harness
*	For models with Euro 6 emission standard
*2	For models with reducing agent metering system

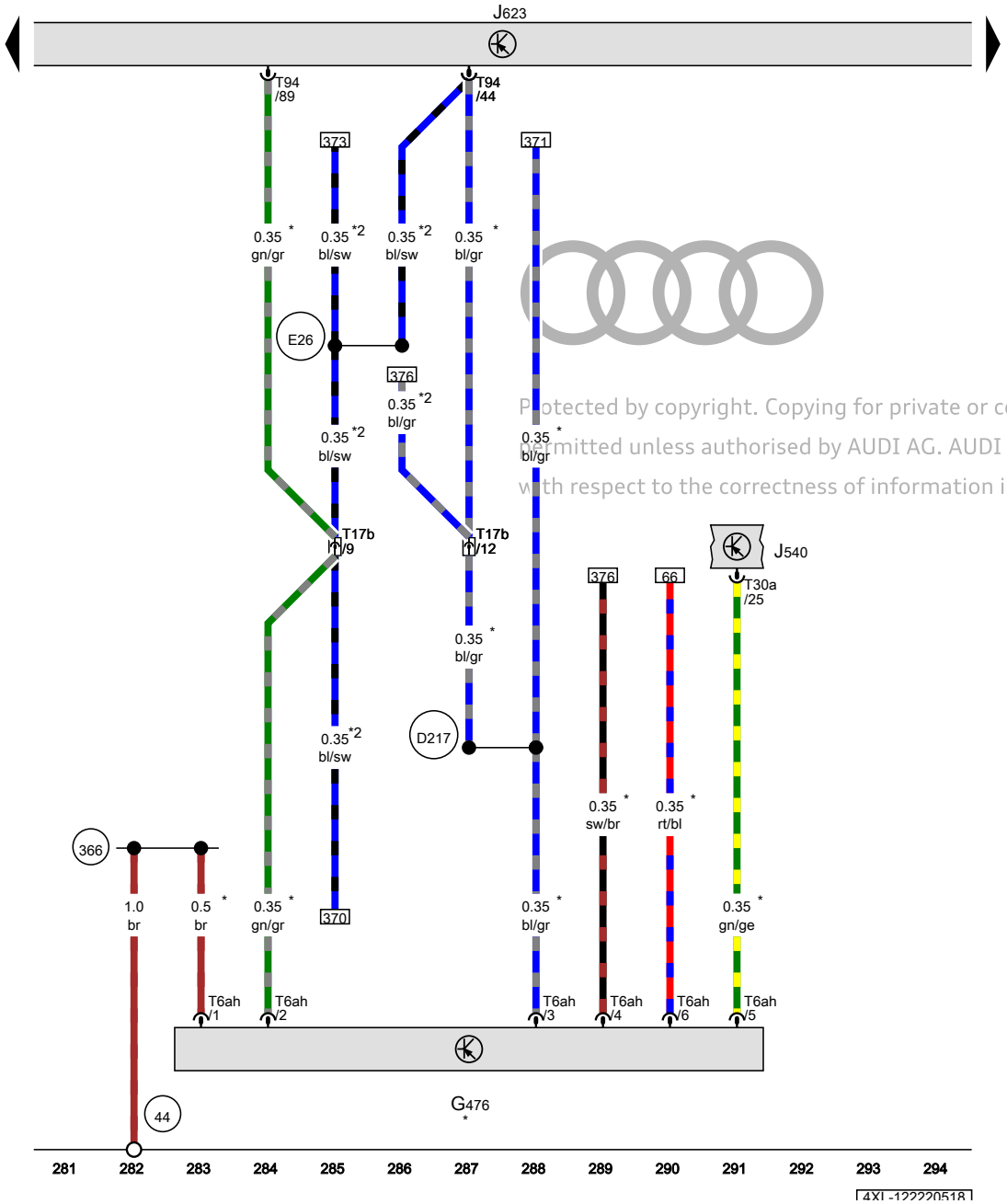


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Lambda probe, Engine/motor control unit, Lambda probe heater, Fuel pre-heating heater element

G39	Lambda probe
J623	Engine/motor control unit
T4go	4-pin connector, black
T6ap	6-pin connector, brown
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T94	94-pin connector
Z19	Lambda probe heater
Z66	Fuel pre-heating heater element
D108	Connection 6 in engine compartment wiring harness
*	For models with Euro 5 plus emission standard

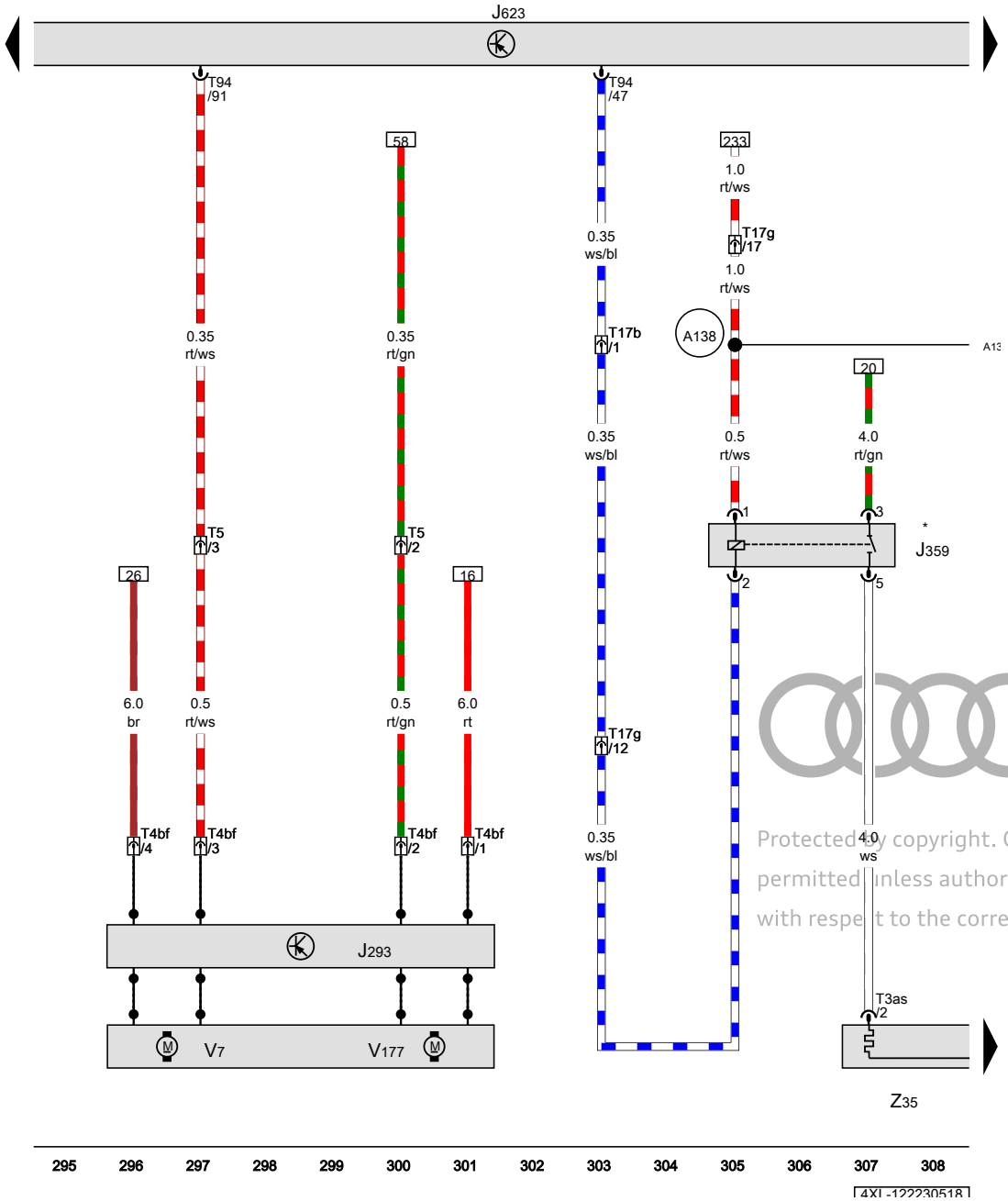


Clutch position sender, Engine/motor control unit

G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
T6ah	6-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T30a	30-pin connector, black
T94	94-pin connector
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
D217	Connection (selector position P/N), in main wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	For models with manual gearbox
*2	For models with automatic gearbox

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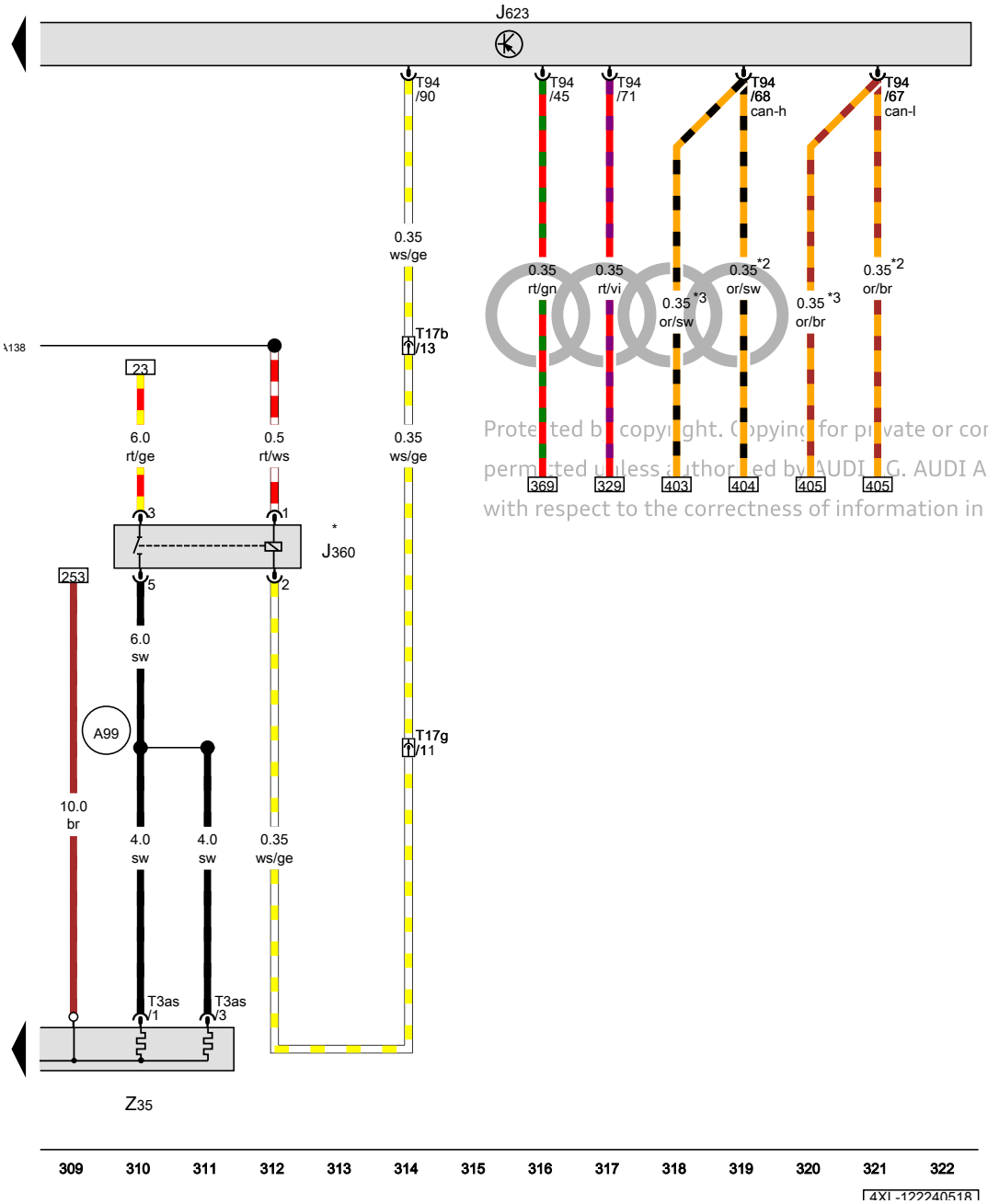
Radiator fan control unit, Low heat output relay, Engine/ motor control unit, Radiator fan 2, Auxiliary air heater element

J293	Radiator fan control unit
J359	Low heat output relay
J623	Engine/motor control unit
T3as	3-pin connector
T4bf	4-pin connector, near radiator fan
T5	5-pin connector, central in plenum chamber, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T94	94-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
Z35	Auxiliary air heater element
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel

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rs	=	pink

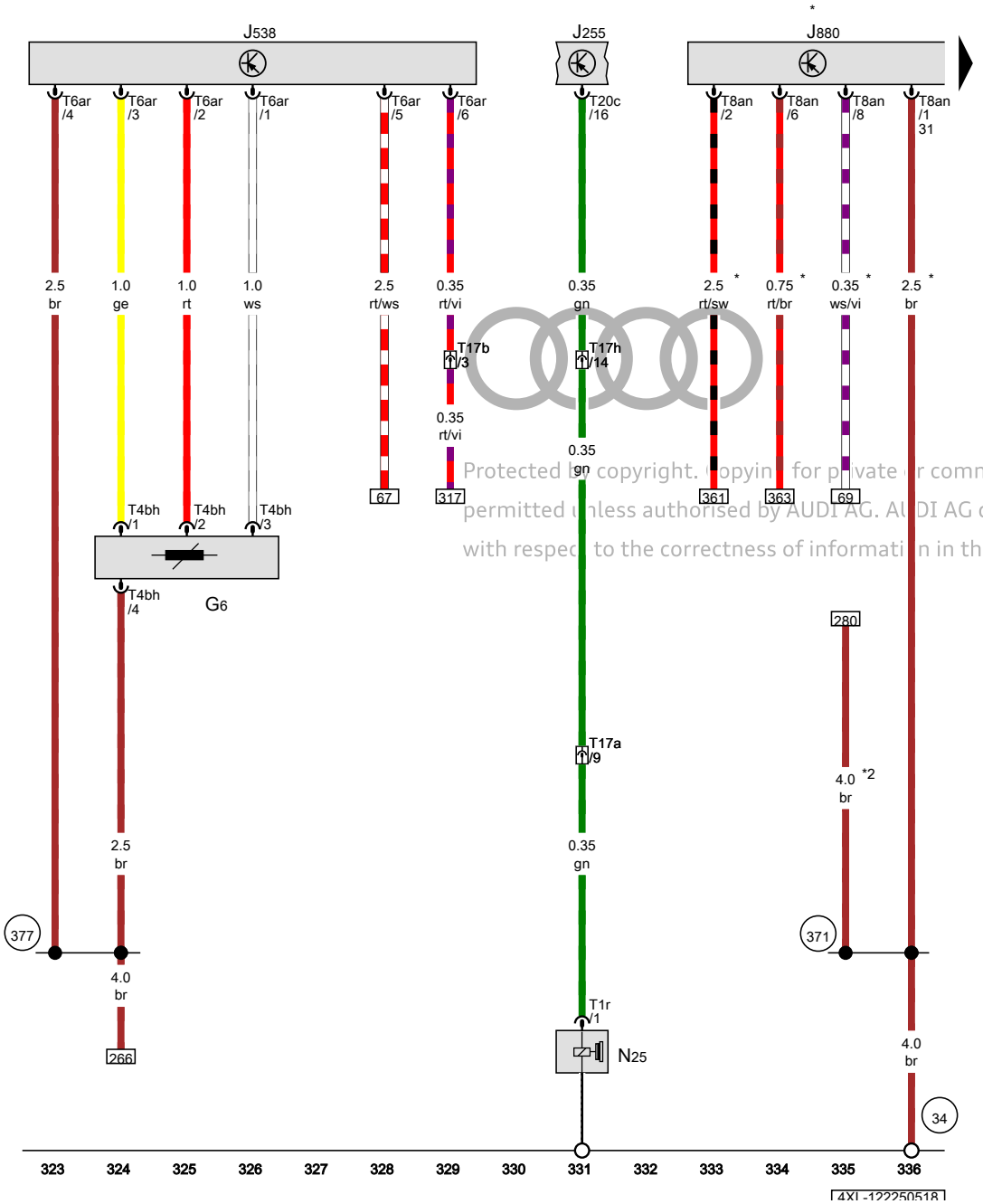
High heat output relay, Engine/motor control unit, Auxiliary air heater element



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J360	High heat output relay
J623	Engine/motor control unit
T3as	3-pin connector
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17g	17-pin connector, in left A-pillar coupling station, blue
T94	94-pin connector
Z35	Auxiliary air heater element
A99	Connection 1 (87) in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
*	Relay carrier on left under dash panel
*2	For models with automatic gearbox
*3	For models with manual gearbox

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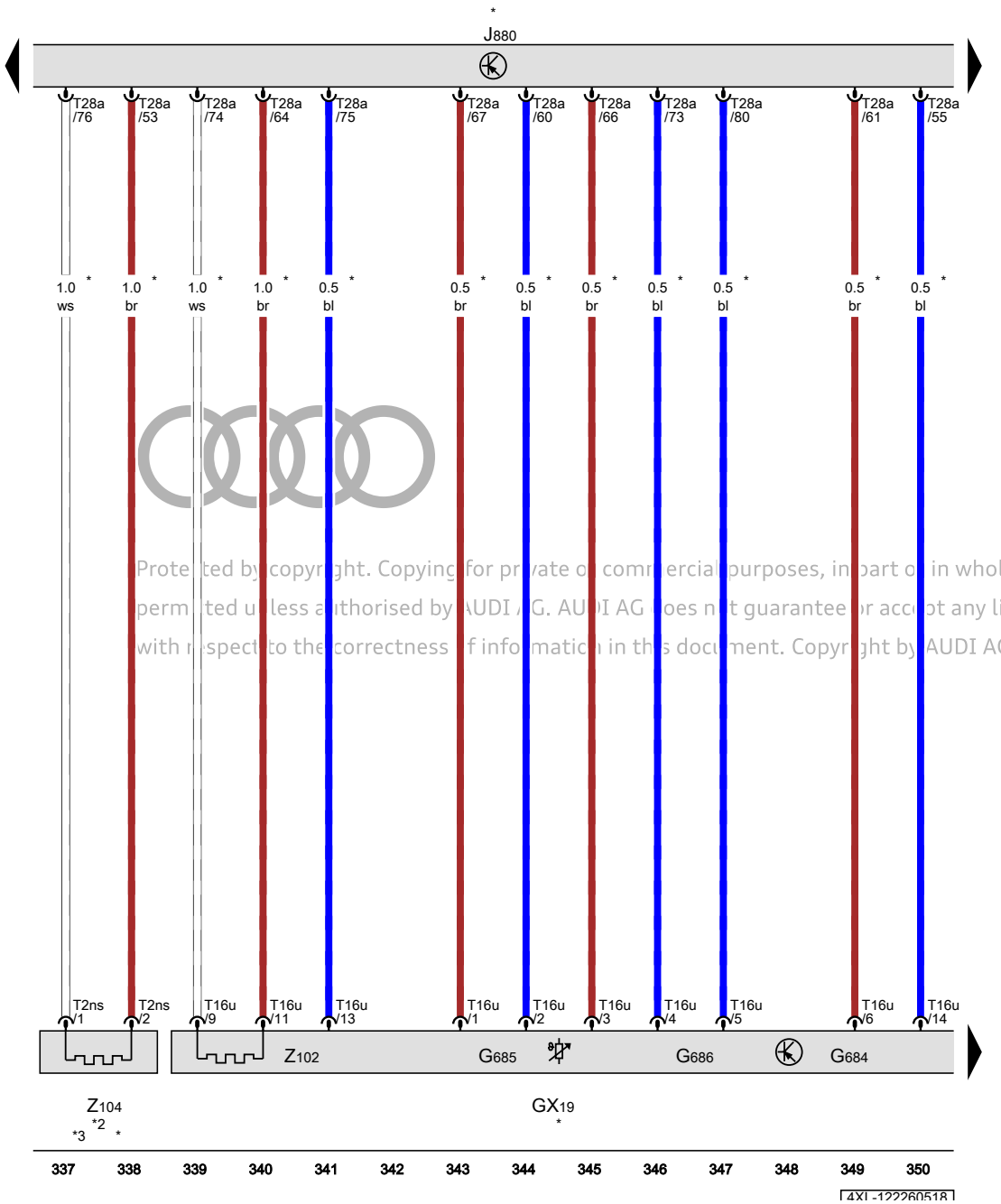


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Fuel system pressurisation pump, Fuel pump control unit, Control unit for reducing agent metering system, Air conditioning system magnetic clutch

G6	Fuel system pressurisation pump
J255	Climatronic control unit
J538	Fuel pump control unit
J880	Control unit for reducing agent metering system
N25	Air conditioning system magnetic clutch
T1r	1-pin connector
T4bh	4-pin connector
T6ar	6-pin connector
T8an	8-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17h	17-pin connector, in left A-pillar coupling station, red
T20c	20-pin connector
34	Earth point, under driver seat
371	Earth connection 6, in main wiring harness
377	Earth connection 12, in main wiring harness
*	For models with reducing agent metering system
*2	For models with Euro 5 plus emission standard

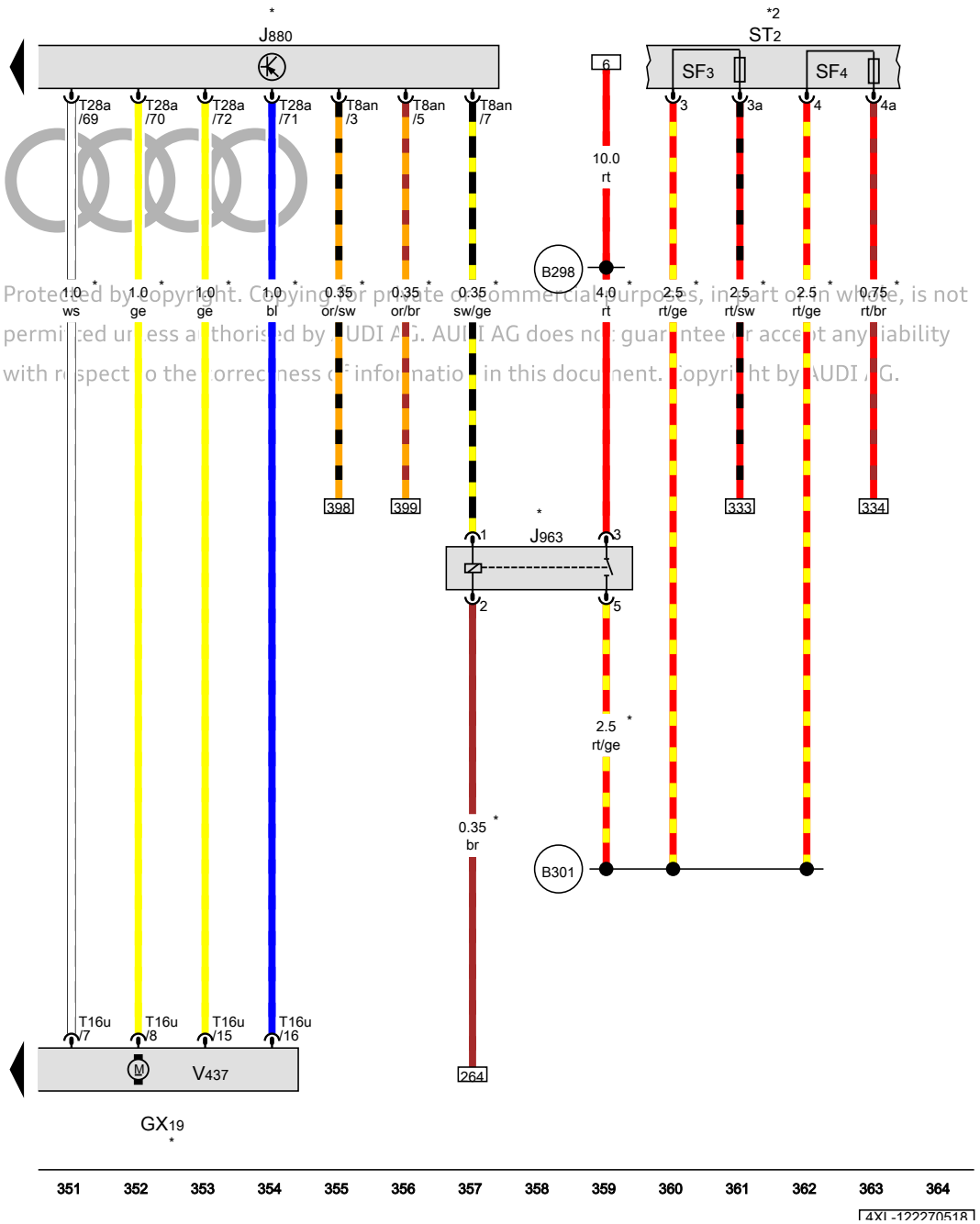


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Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Control unit for reducing agent metering system, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2)

GX19	Delivery unit for reducing agent metering system
G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
G686	Pressure sender for reducing agent metering system
J880	Control unit for reducing agent metering system
T2ns	2-pin connector
T16u	16-pin connector
T28a	28-pin connector
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)
*	For models with reducing agent metering system
*2	Heater for reducing agent line can comprise multiple sections
*3	Pre-wired component

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sw	=	black
ro	=	red
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br	=	brown
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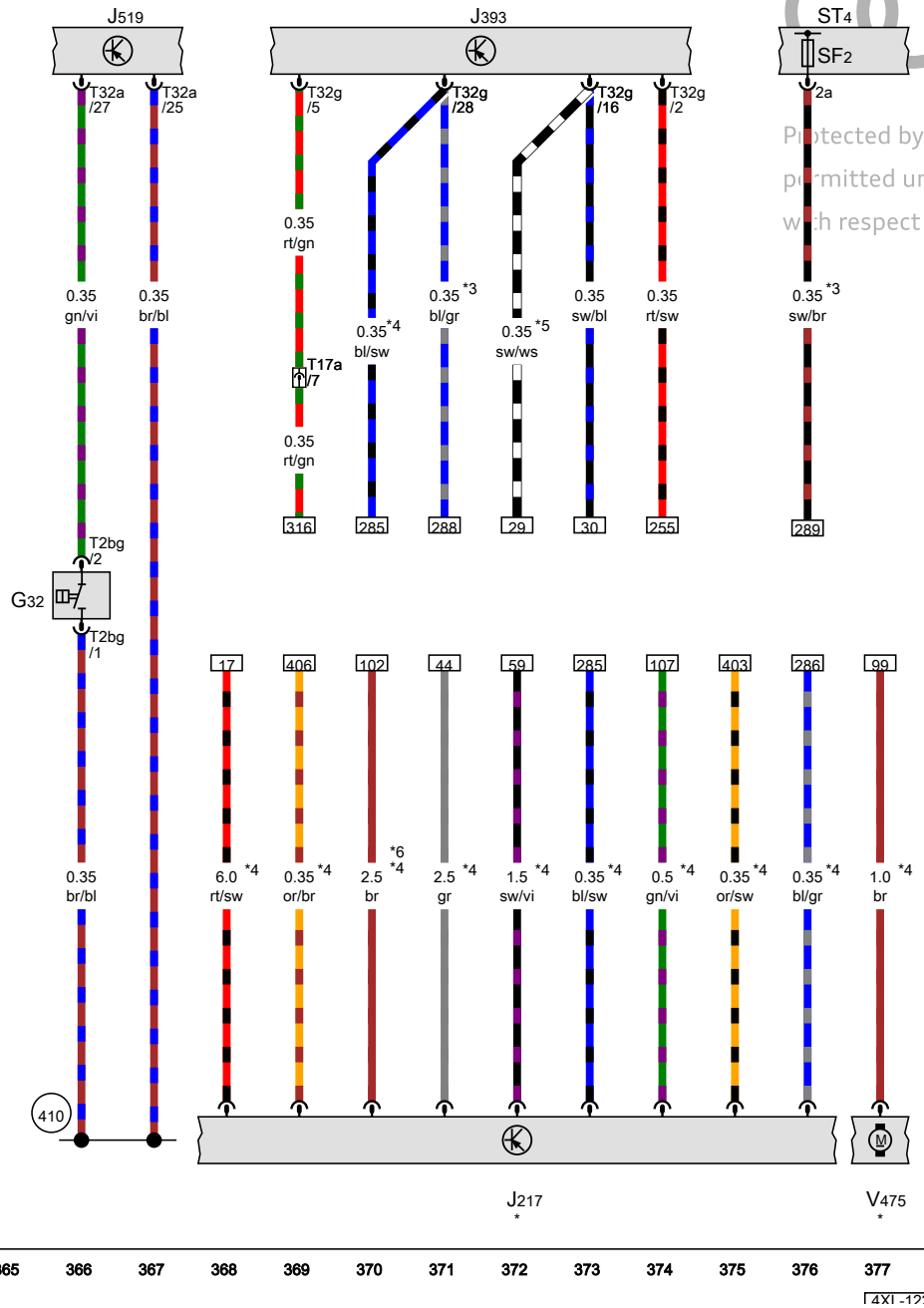


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Control unit for reducing agent metering system, Relay for reducing agent metering system, Pump for reducing agent

GX19	Delivery unit for reducing agent metering system
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST2	Fuse carrier 2
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
T8an	8-pin connector
T16u	16-pin connector
T28a	28-pin connector
V437	Pump for reducing agent
B298	Positive connection 2 (30), in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
*	For models with reducing agent metering system
*2	see applicable current flow diagram for fuse assignment

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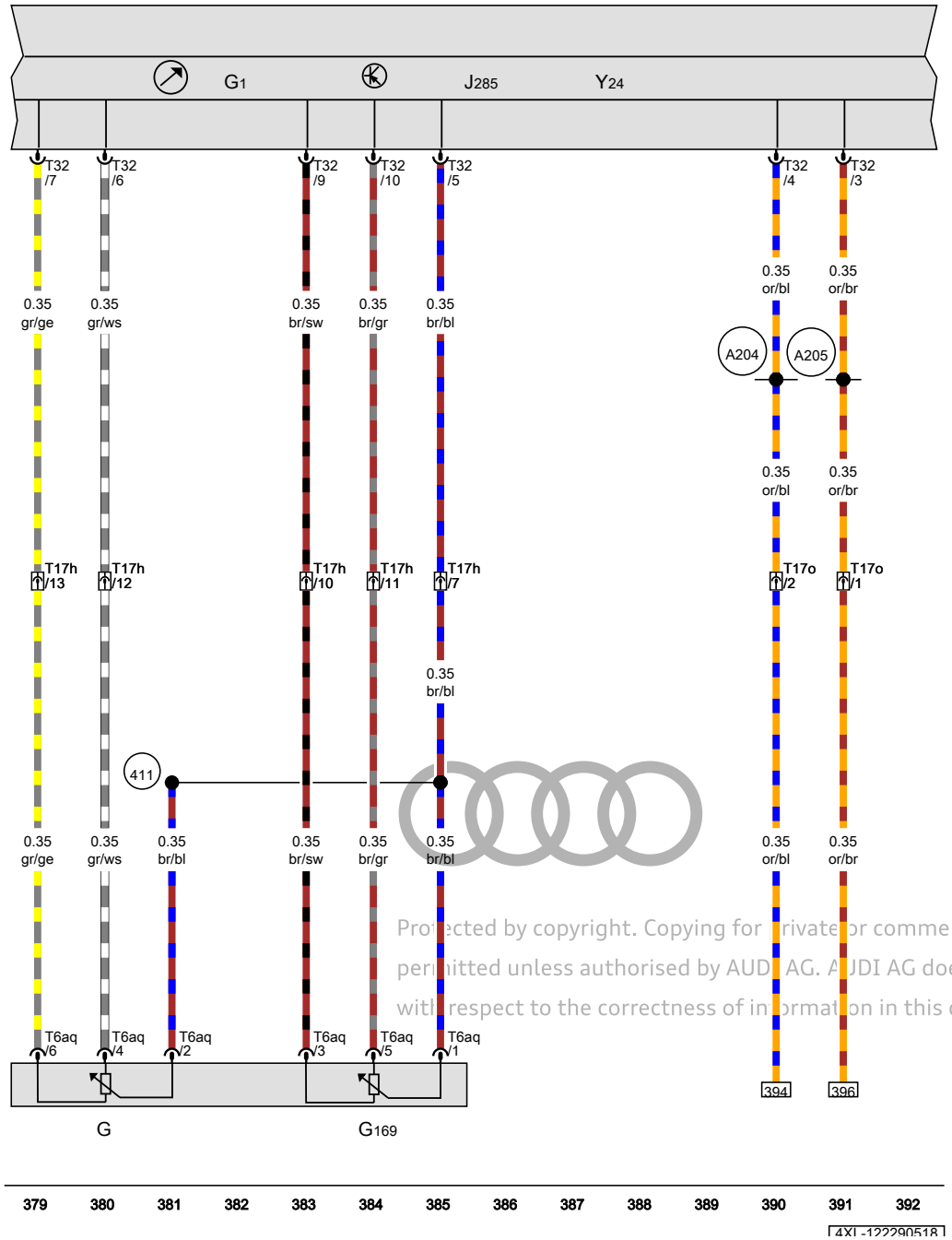


Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J519	Onboard supply control unit
SF2	Fuse 2 in fuse holder F
ST4	Fuse carrier 4
T2bg	2-pin connector
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32a	32-pin connector
T32g	32-pin connector
V475	Auxiliary hydraulic pump 1 for gearbox oil
410	Earth connection 1 (sender earth) in main wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for fuse assignment
*3	For models with manual gearbox
*4	For models with automatic gearbox
*5	For right-hand drive models
*6	Cross-section 6.0 possible

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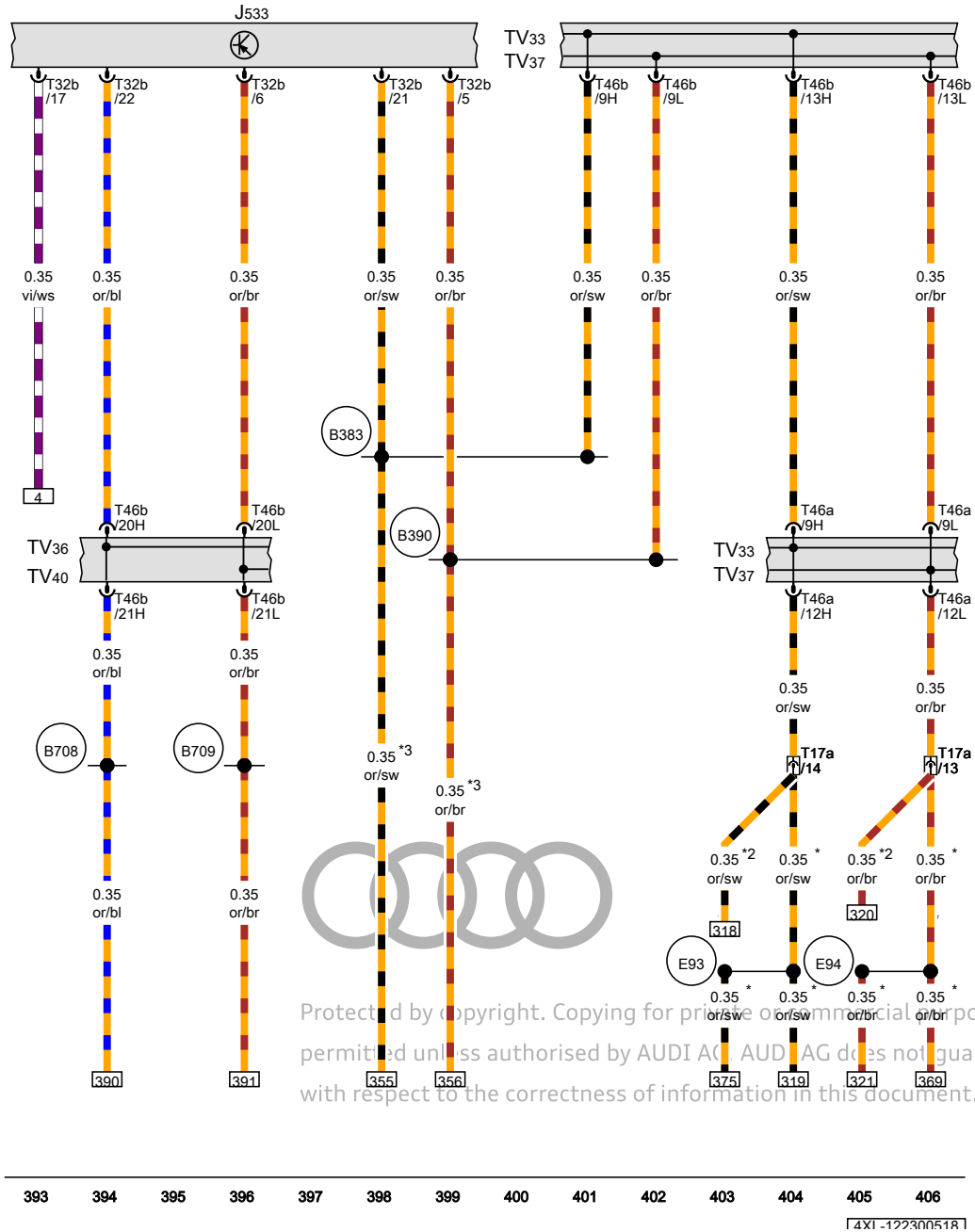


Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station, red
T17o	17-pin connector, in right A-pillar coupling station, black
T32	32-pin connector
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness

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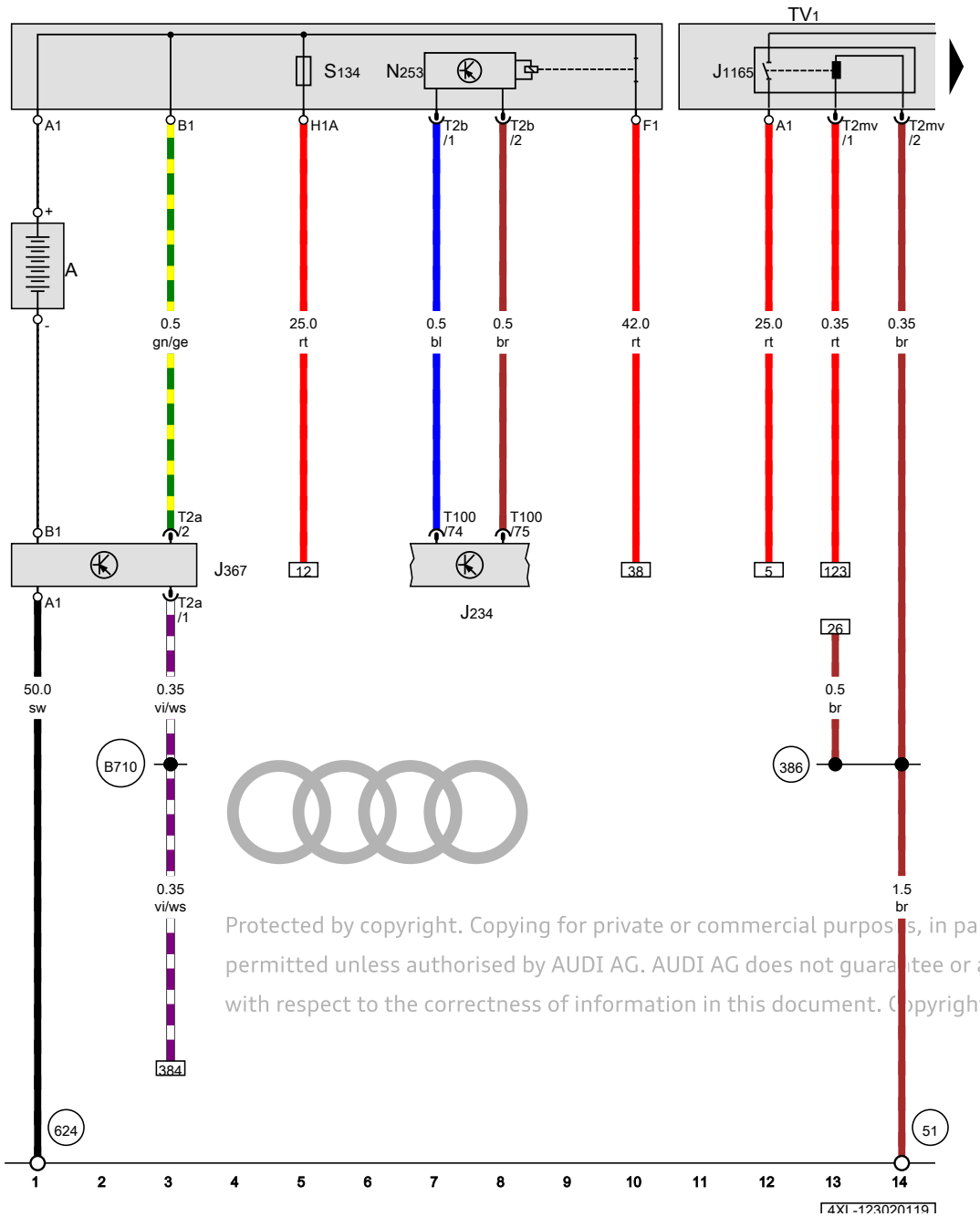
Data bus diagnostic interface, Wiring junction for powertrain CAN bus, high, Wiring junction for dash panel insert CAN bus, high

J533	Data bus diagnostic interface
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV36	Wiring junction for dash panel insert CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
TV40	Wiring junction for dash panel insert CAN bus, low
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness
*	For models with automatic gearbox
*2	For models with manual gearbox
*3	For models with reducing agent metering system

2.0l petrol engine , CPEA

From October 2016

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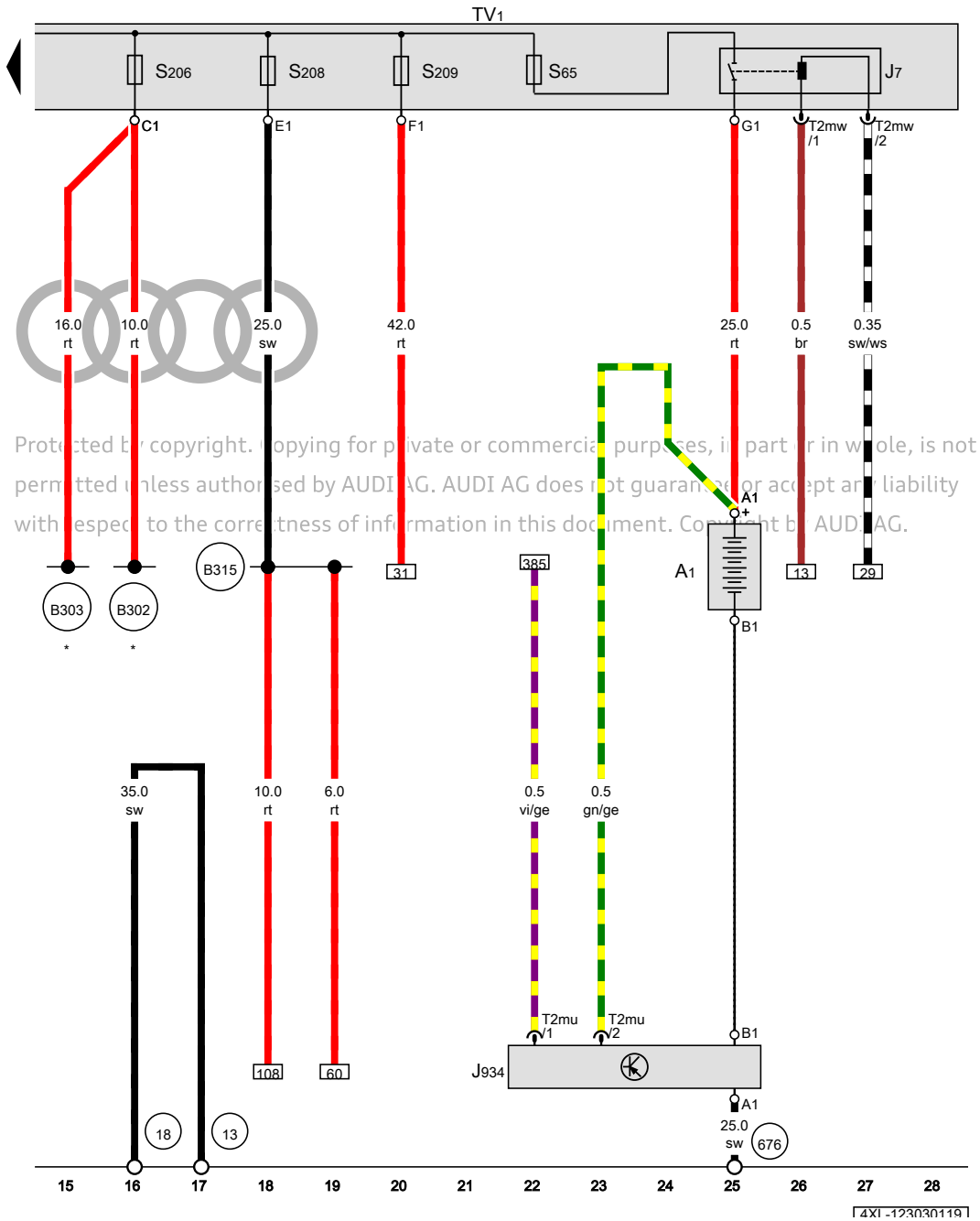


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Battery, Battery monitor control unit, Blocking diode for disconnecting electrical system, Battery isolation igniter, Wiring junction

A	Battery
J234	Airbag control unit
J367	Battery monitor control unit
J1165	Blocking diode for disconnecting electrical system
N253	Battery isolation igniter, near battery
S134	Fuse 4
T2a	2-pin connector
T2b	2-pin connector, yellow
T2mv	2-pin connector
TV1	Wiring junction, in luggage compartment, in spare wheel well
T100	100-pin connector, yellow
51	Earth point, on right in luggage compartment
386	Earth connection 21, in main wiring harness
624	Earth point, starter battery
B710	Connection 5 (LIN bus) in main wiring harness

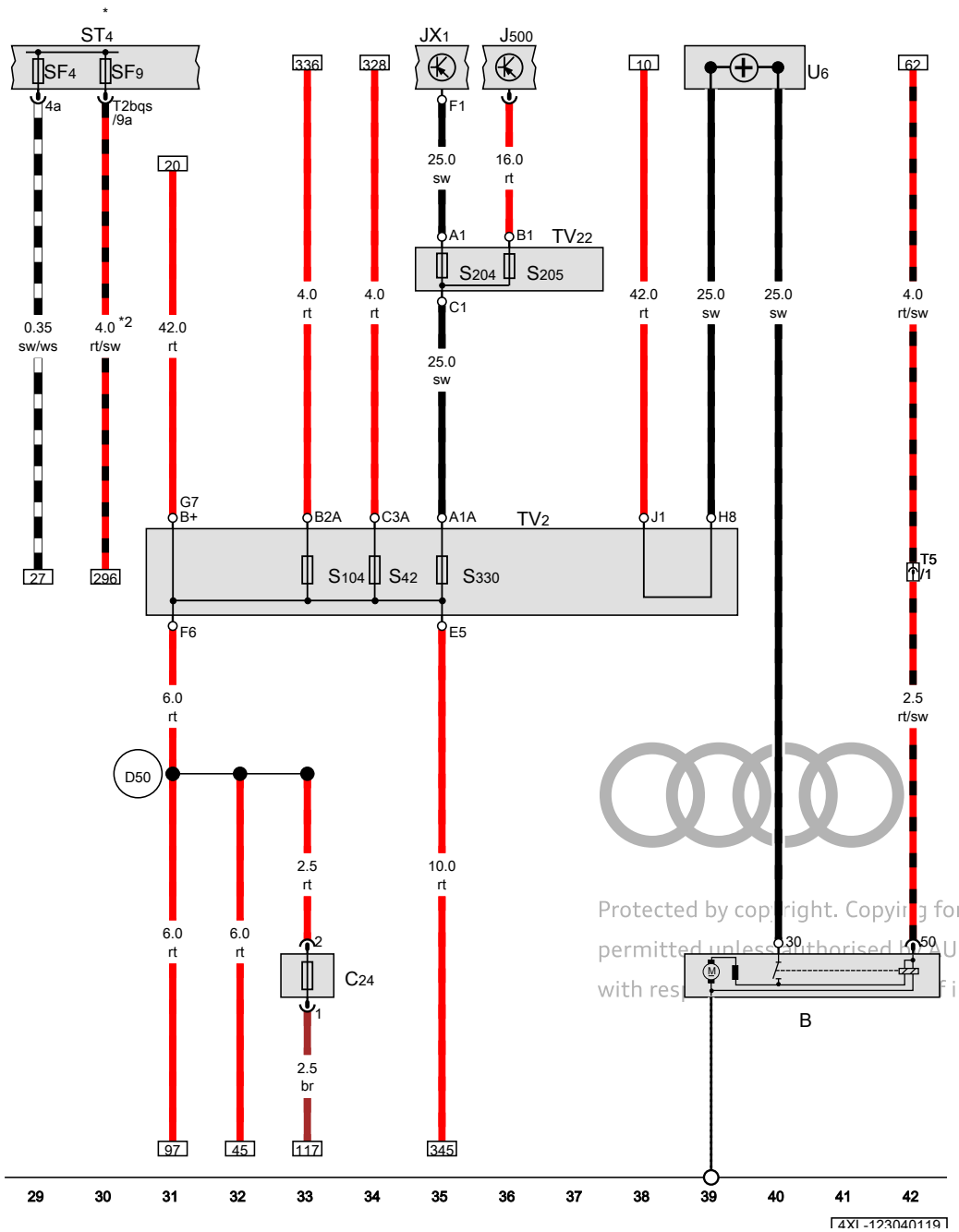


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Second battery, Battery isolation relay, Battery monitor control unit 2, Wiring junction

A1	Second battery
J7	Battery isolation relay
J934	Battery monitor control unit 2
S65	2nd battery fuse
S206	Fuse 3 (30)
S208	Fuse 5 (30)
S209	Fuse 6 (30)
T2mu	2-pin connector
T2mw	2-pin connector
TV1	Wiring junction, in luggage compartment, in spare wheel well
13	Earth point, on right in engine compartment
18	Earth point, on cylinder block
676	Earth point 2, on left in luggage compartment
B302	Positive connection 6 (30), in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
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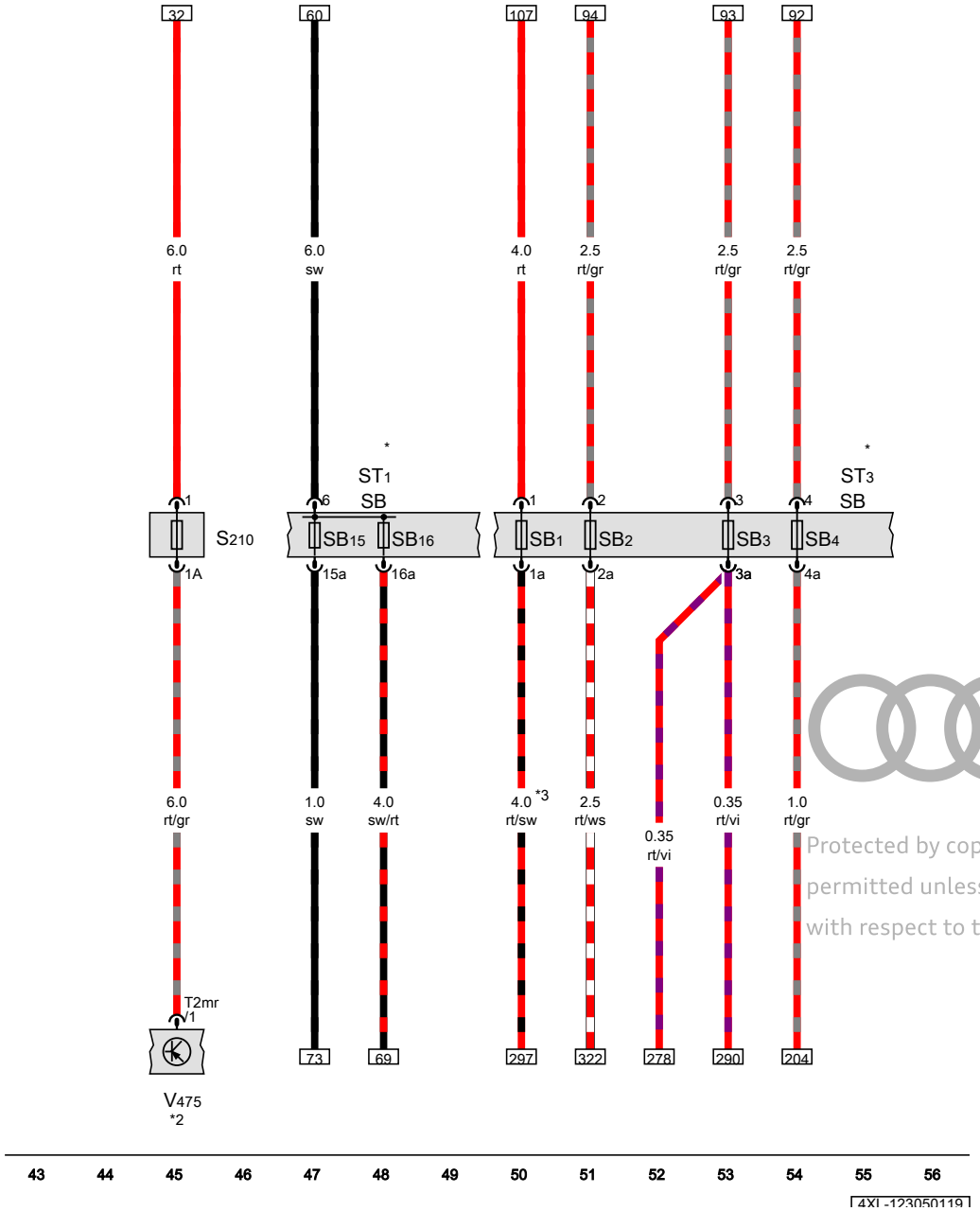


Starter, Suppression filter, Power and control electronics for electric drive, Terminal 30 wiring junction, Terminal 30 wiring junction 2

B	Starter
C24	Suppression filter
JX1	Power and control electronics for electric drive
J500	Power steering control unit
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
SF9	Fuse 9 in fuse holder F
S42	Radiator fan single fuse
S104	Radiator fan fuse for 2nd speed
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S330	Wiring junction fuse
T2bqs	2-pin connector
TV2	Terminal 30 wiring junction
T5	5-pin connector, central in plenum chamber, black
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From January 2018

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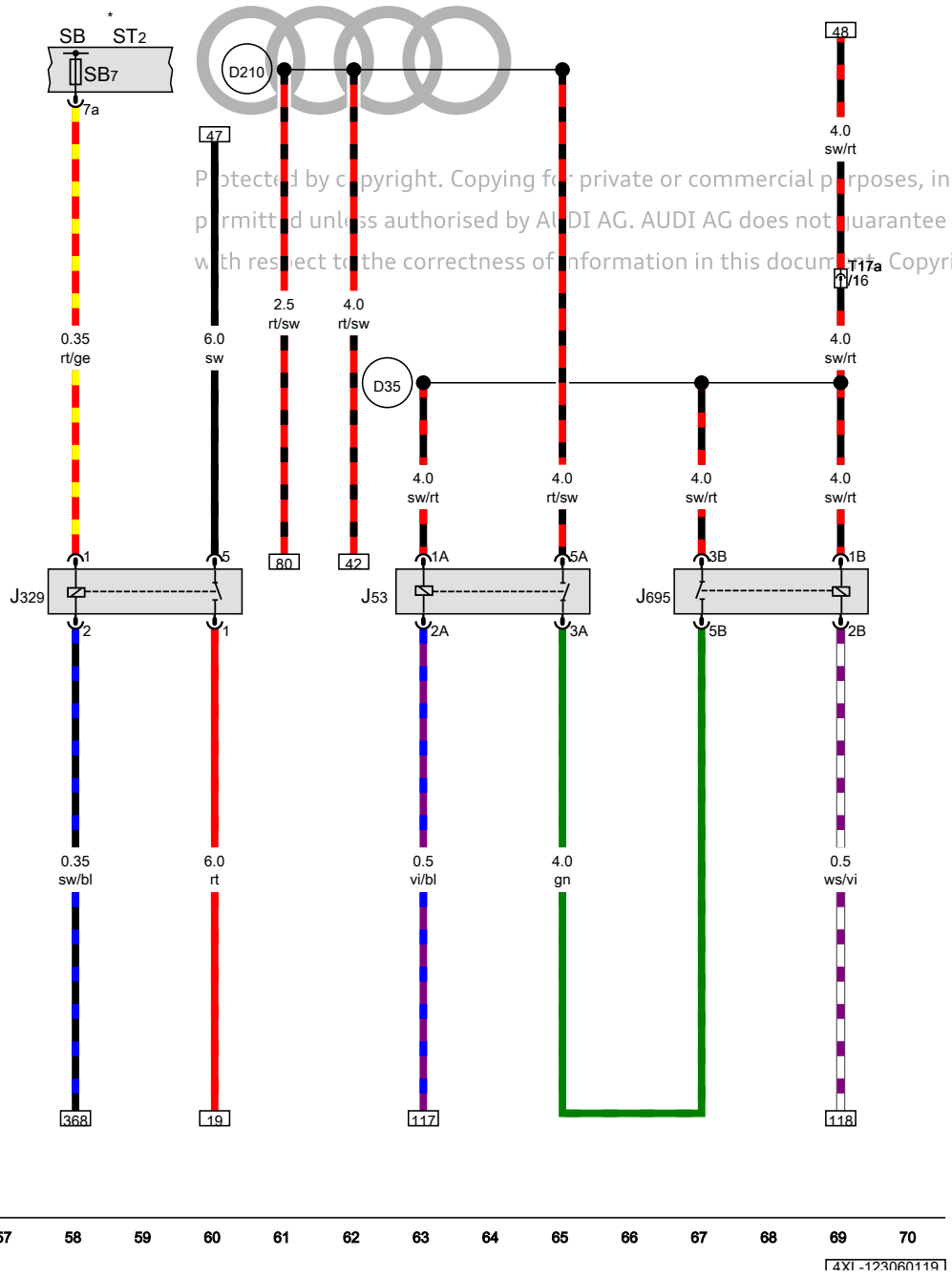


Fuse carrier 1, Fuse carrier 3

ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB3	Fuse 3 on fuse holder B
ST3	Fuse carrier 3
SB4	Fuse 4 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
S210	Fuse 7 (30)
SB	Fuse holder B
T2mr	2-pin connector, black
V475	Auxiliary hydraulic pump 1 for gearbox oil
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for automatic gearbox
*3	Up to January 2018

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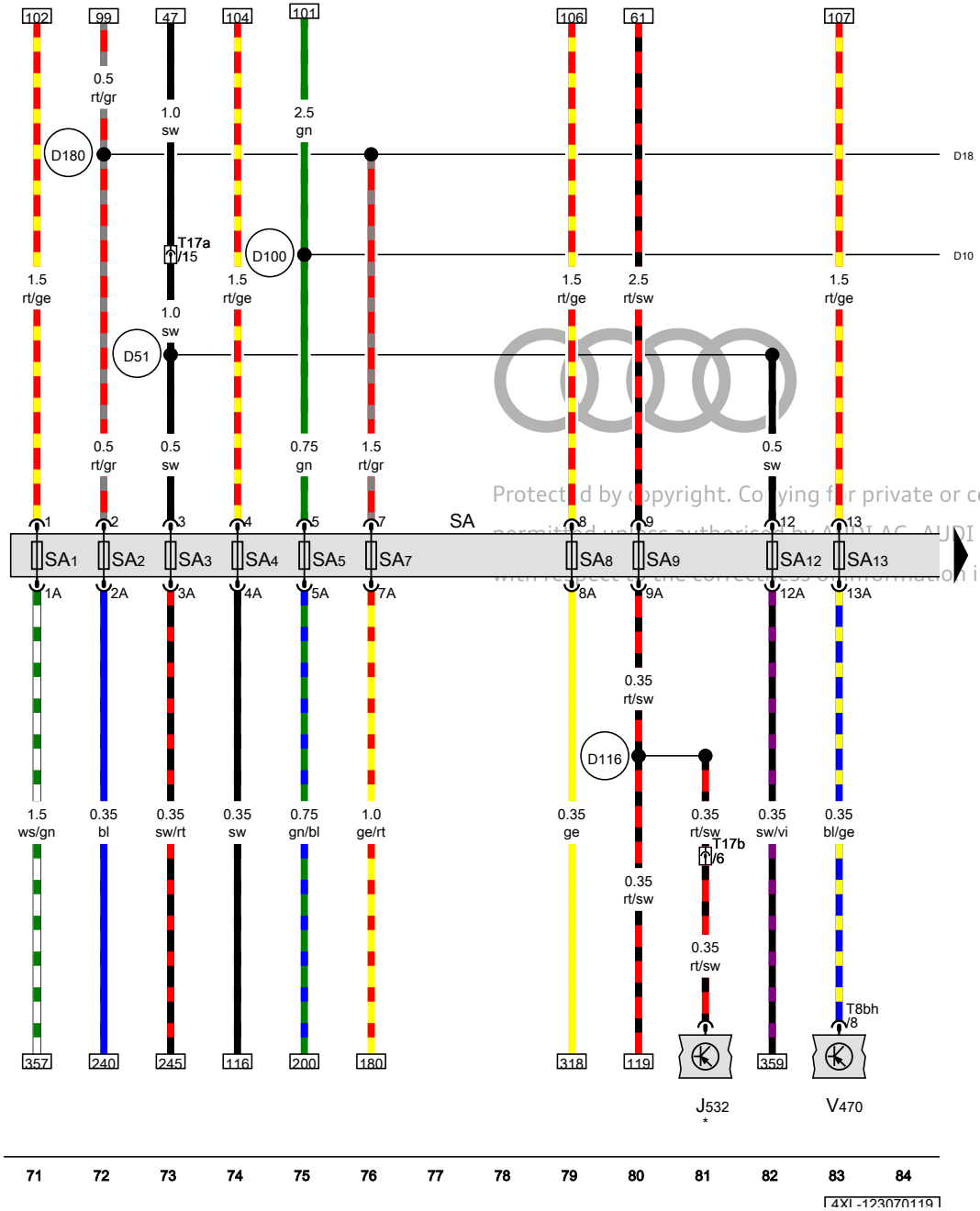


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Starter motor relay, Terminal 15 voltage supply relay, Starter motor relay 2

J53	Starter motor relay
J329	Terminal 15 voltage supply relay
J695	Starter motor relay 2
SB	Fuse holder B
ST2	Fuse carrier 2
SB7	Fuse 7 on fuse holder B
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
D35	Positive connection 1 (15a) in engine prewiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment

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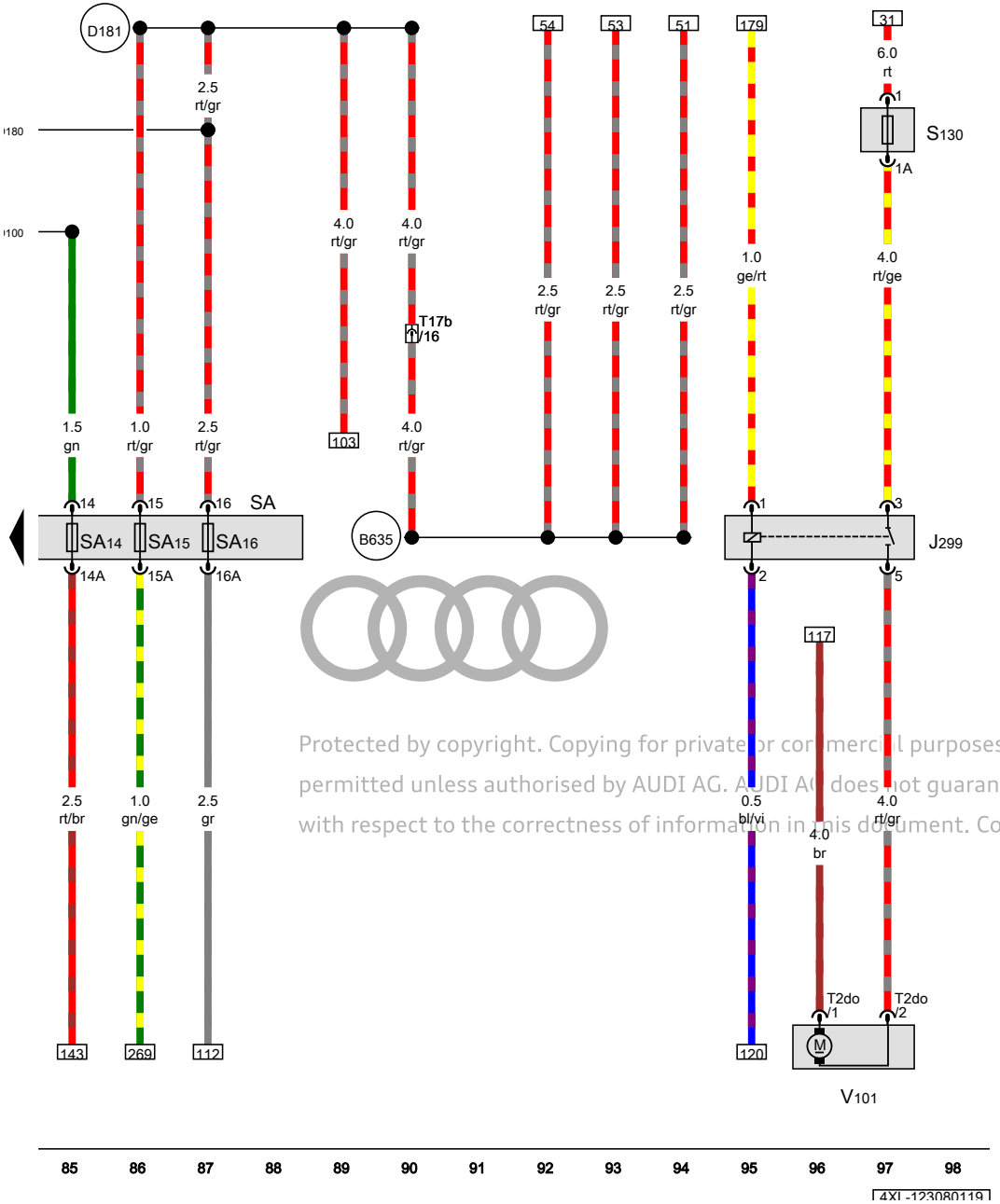
Fuse holder A

J532	Voltage stabiliser
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SA9	Fuse 9 on fuse holder A
SA12	Fuse 12 on fuse holder A
SA13	Fuse 13 on fuse holder A
T8bh	8-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
V470	Electrical air conditioner compressor
D51	Positive connection 1 (15), in engine compartment wiring harness
D100	Positive connection 2 (15), in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
*	For models with start/stop system

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rt	=	red
br	=	brown
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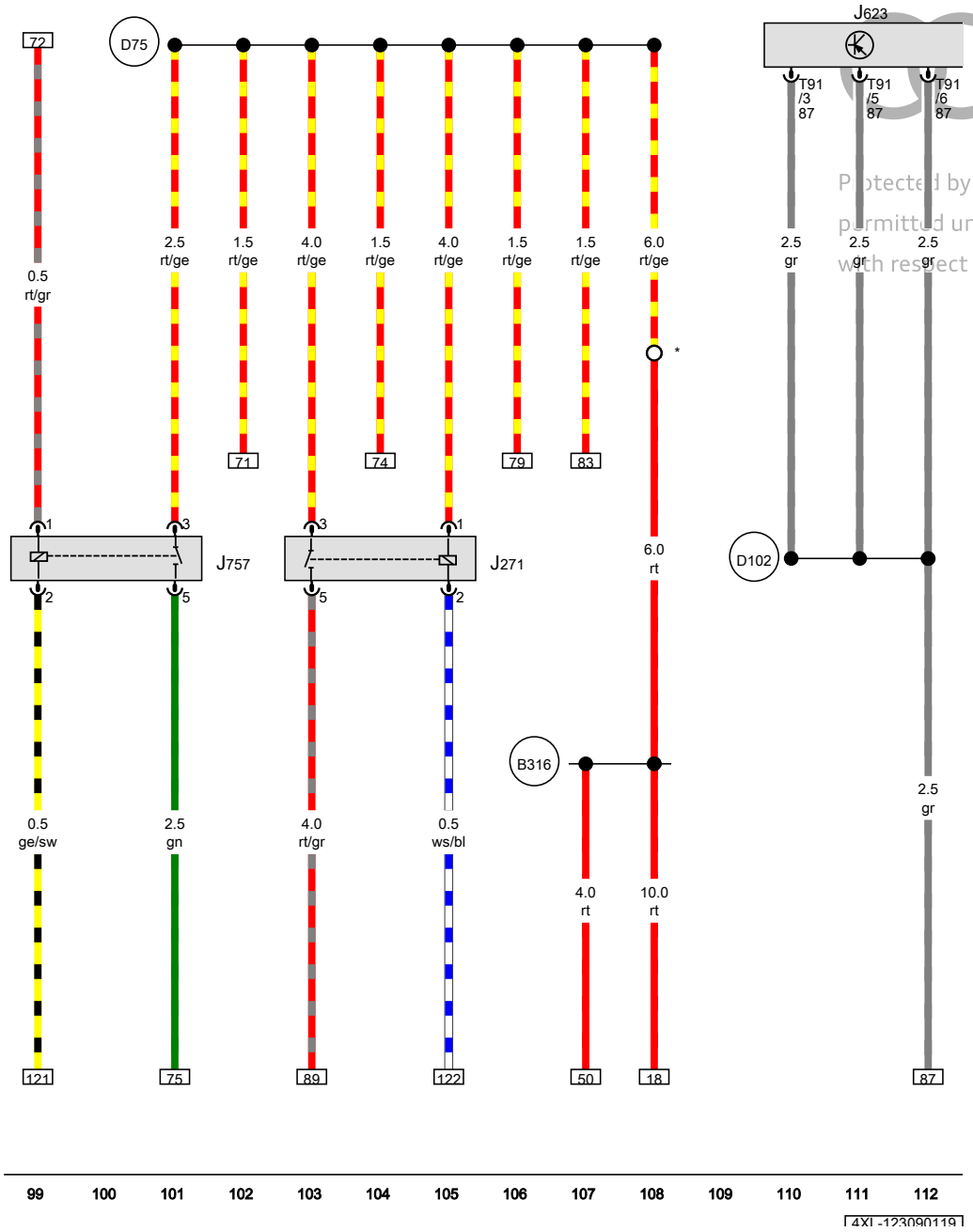
Secondary air pump relay, Fuse holder A, Secondary air pump motor

J299	Secondary air pump relay
S130	Secondary air pump fuse
SA	Fuse holder A
SA14	Fuse 14 on fuse holder A
SA15	Fuse 15 on fuse holder A
SA16	Fuse 16 on fuse holder A
T2do	2-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
V101	Secondary air pump motor
B635	Positive connection 3 (87), in main wiring harness
D100	Positive connection 2 (15), in engine compartment wiring harness
D180	Connection (87a), in engine compartment wiring harness
D181	Connection 2 (87a), in engine compartment wiring harness



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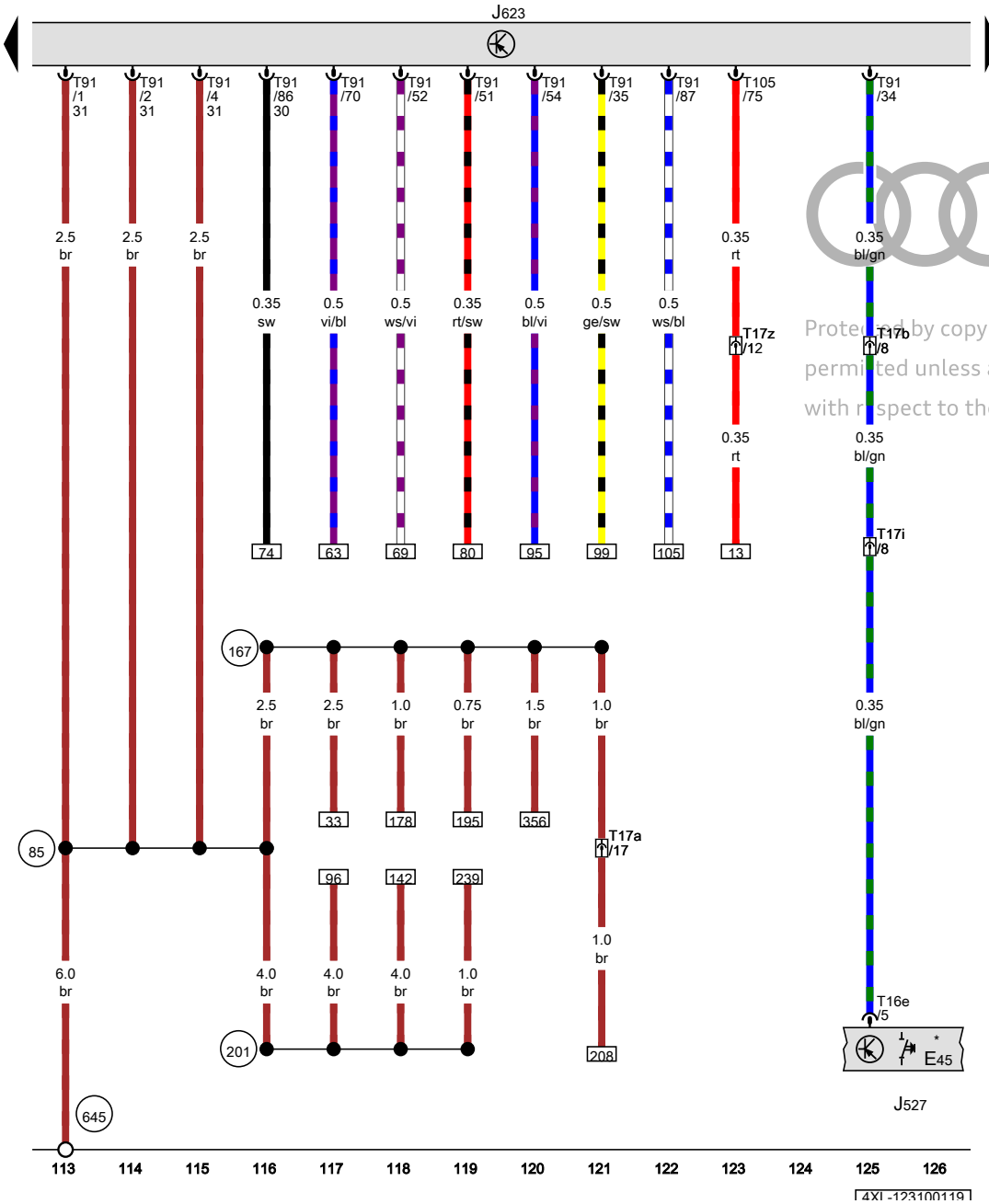


Main relay, Engine/motor control unit, Engine component current supply relay

J271	Main relay
J623	Engine/motor control unit
J757	Engine component current supply relay
T91	91-pin connector, black
B316	Positive connection 2 (30a) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	Threaded connection, in E-box in plenum chamber

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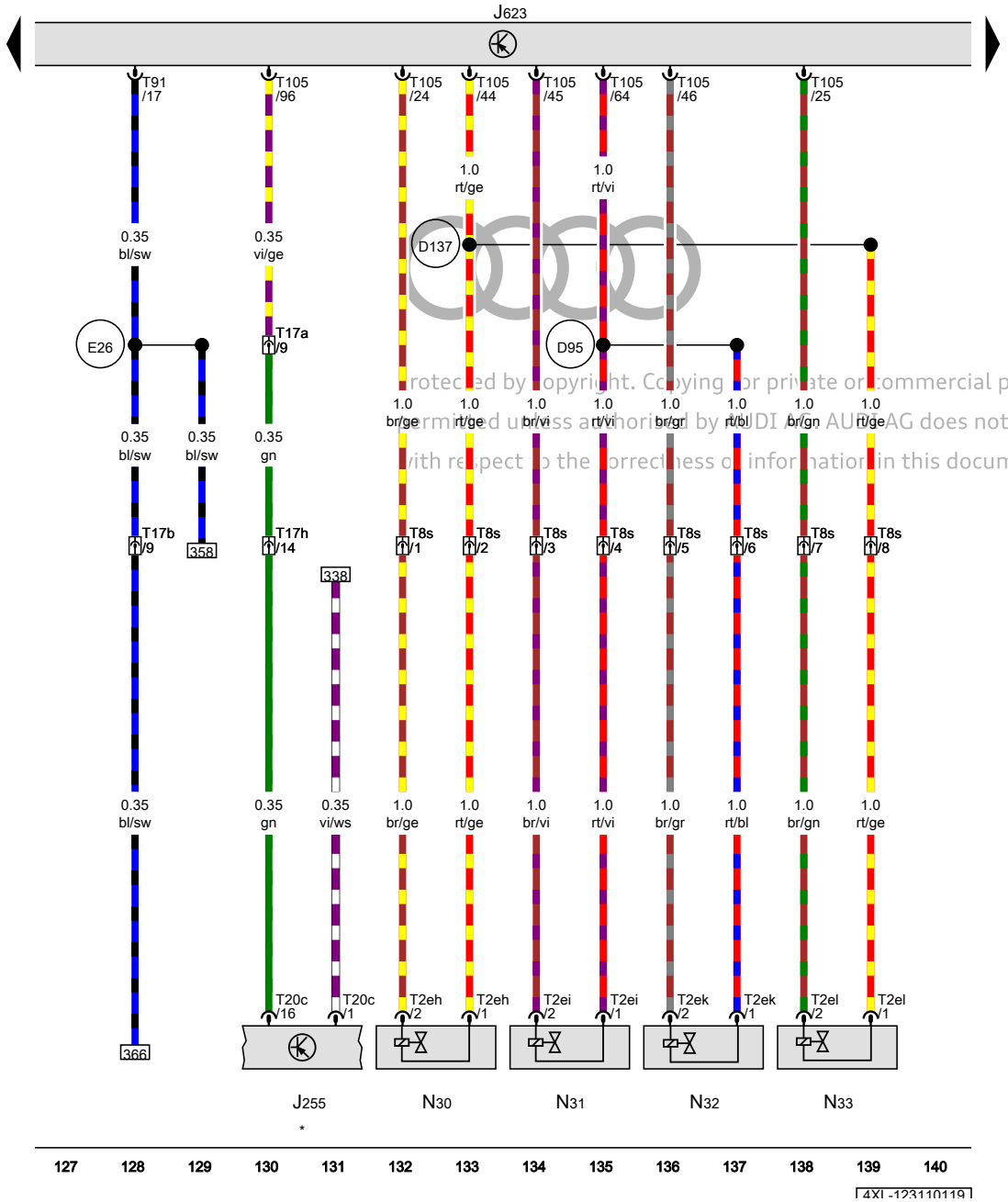


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Engine/motor control unit

E45	Cruise control system switch
J527	Steering column electronics control unit
J623	Engine/motor control unit
T16e	16-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17i	17-pin connector, in left A-pillar coupling station, black
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T91	91-pin connector, black
T105	105-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
645	Earth point 1, on bulkhead
*	For models with cruise control system (CCS)

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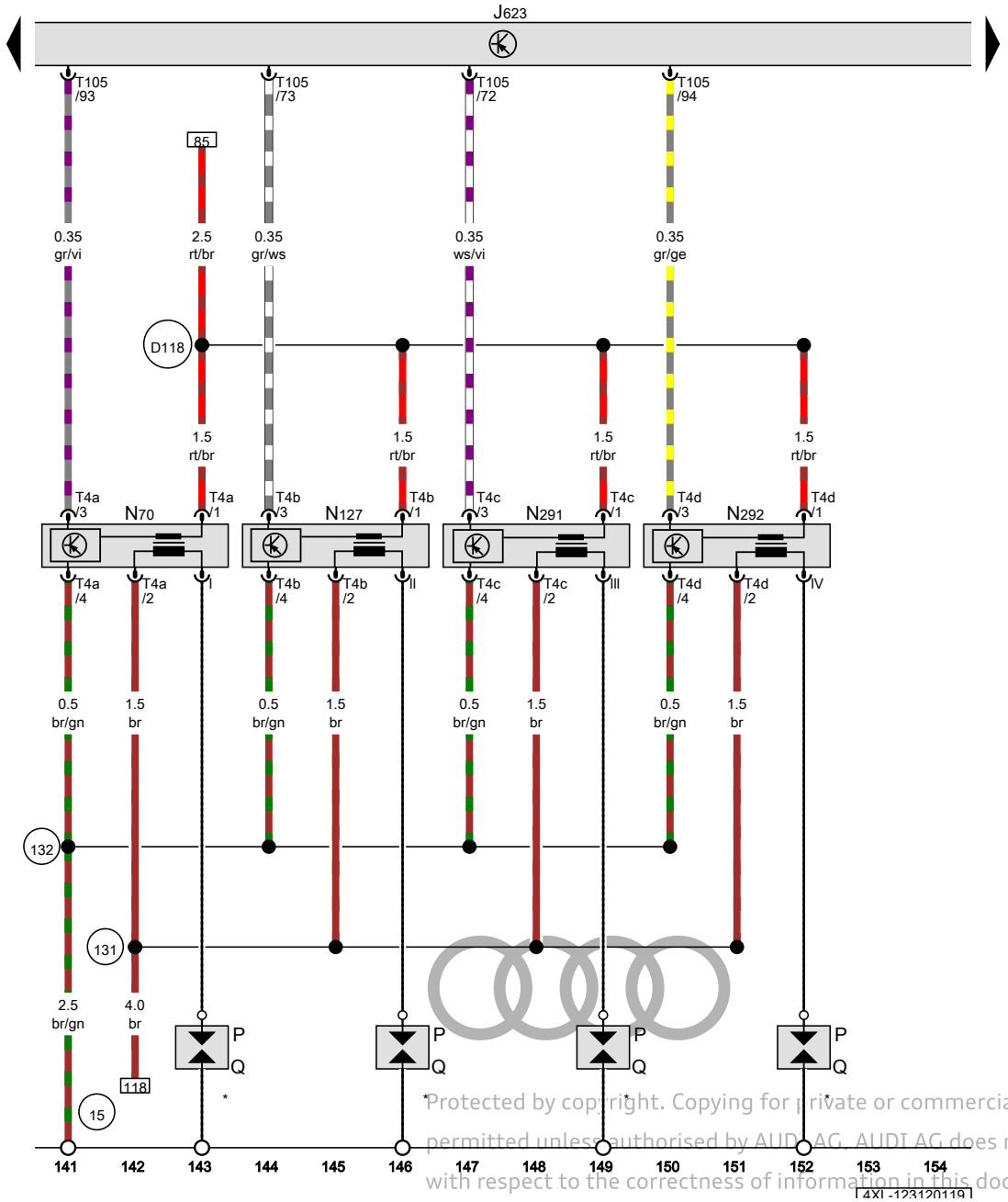


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Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J255	Climatronic control unit
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2eh	2-pin connector
T2ei	2-pin connector
T2ek	2-pin connector
T2el	2-pin connector
T8s	8-pin connector, on right in engine compartment, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17h	17-pin connector, in left A-pillar coupling station, red
T20c	20-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
D95	Connection (injectors), in engine compartment wiring harness
D137	Connection 2 (injectors), in engine compartment wiring harness
E26	Connection (selector position P/N), in Motronic wiring harness
*	see applicable current flow diagram for air conditioning

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

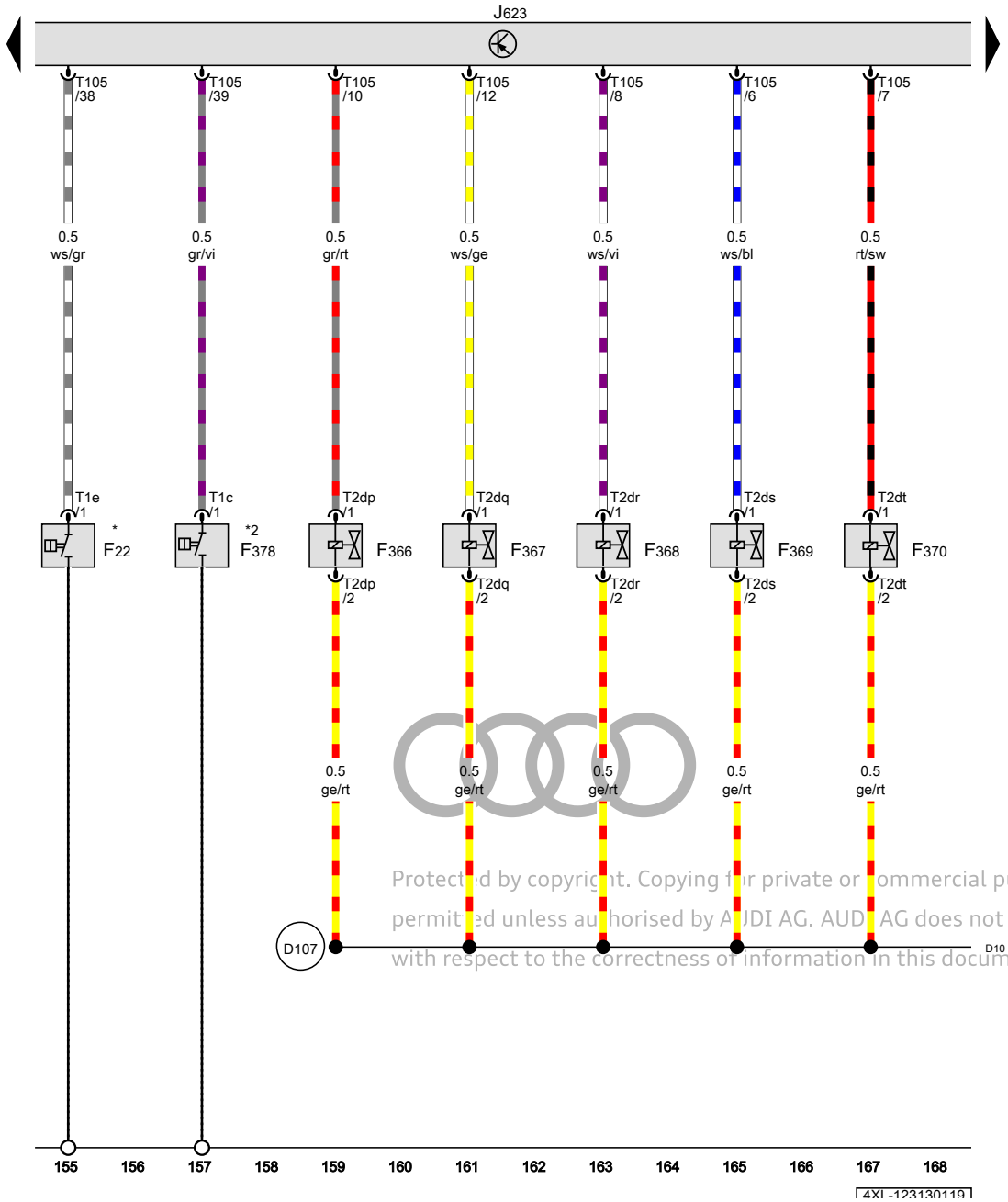


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug connector

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T4a	4-pin connector, black
T4b	4-pin connector, black
T4c	4-pin connector, black
T4d	4-pin connector, black
T105	105-pin connector, black
15	Earth point, on cylinder head
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
*	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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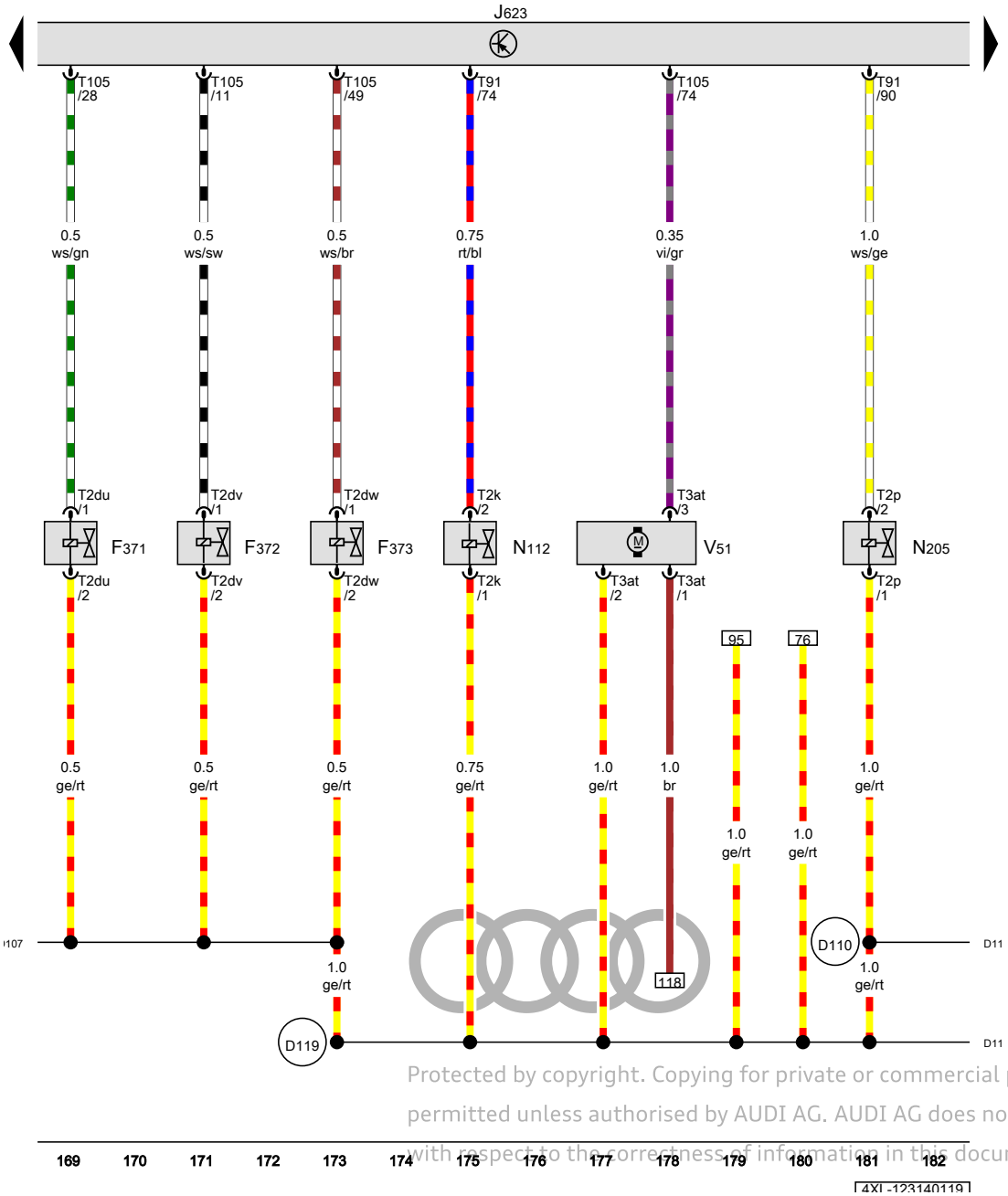


Oil pressure switch, Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Oil pressure switch for reduced oil pressure, Engine/motor control unit

F22	Oil pressure switch
F366	Cam adjustment actuator 1
F367	Cam adjustment actuator 2
F368	Cam adjustment actuator 3
F369	Cam adjustment actuator 4
F370	Cam adjustment actuator 5
F378	Oil pressure switch for reduced oil pressure
J623	Engine/motor control unit
T1c	1-pin connector, black
T1e	1-pin connector, dark blue
T2dp	2-pin connector, black
T2dq	2-pin connector, black
T2dr	2-pin connector, black
T2ds	2-pin connector, black
T2dt	2-pin connector, black
T105	105-pin connector, black
D107	Connection 5 in engine compartment wiring harness
*	2.6 bar
*2	0.9 bar

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit, Secondary air inlet valve, Camshaft control valve 1, Continued coolant circulation pump

F371	Cam adjustment actuator 6
F372	Cam adjustment actuator 7
F373	Cam adjustment actuator 8
J623	Engine/motor control unit
N112	Secondary air inlet valve
N205	Camshaft control valve 1
T2du	2-pin connector, black
T2dv	2-pin connector, black
T2dw	2-pin connector, black
T2k	2-pin connector, black
T2p	2-pin connector, black
T3at	3-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
D107	Connection 5 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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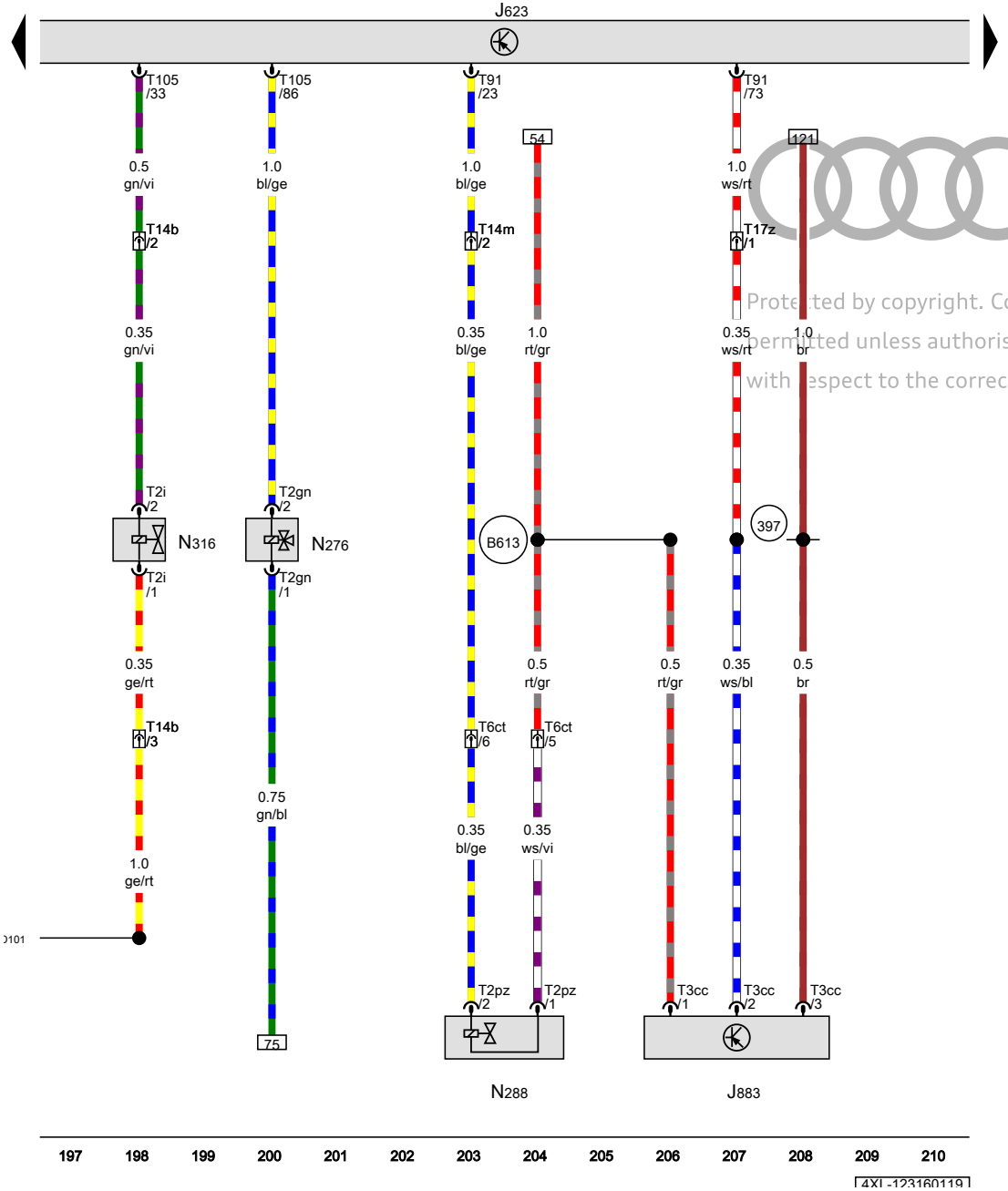


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Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Turbocharger air recirculation valve, Valve for oil pressure control, Coolant pump

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N249	Turbocharger air recirculation valve
N428	Valve for oil pressure control
T2g	2-pin connector, black
T2ln	2-pin connector, brown
T2lo	2-pin connector, black
T2m	2-pin connector, colourless
T2n	2-pin connector, colourless
T2r	2-pin connector, black
T3ca	3-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
V36	Coolant pump
D101	Connection 1 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

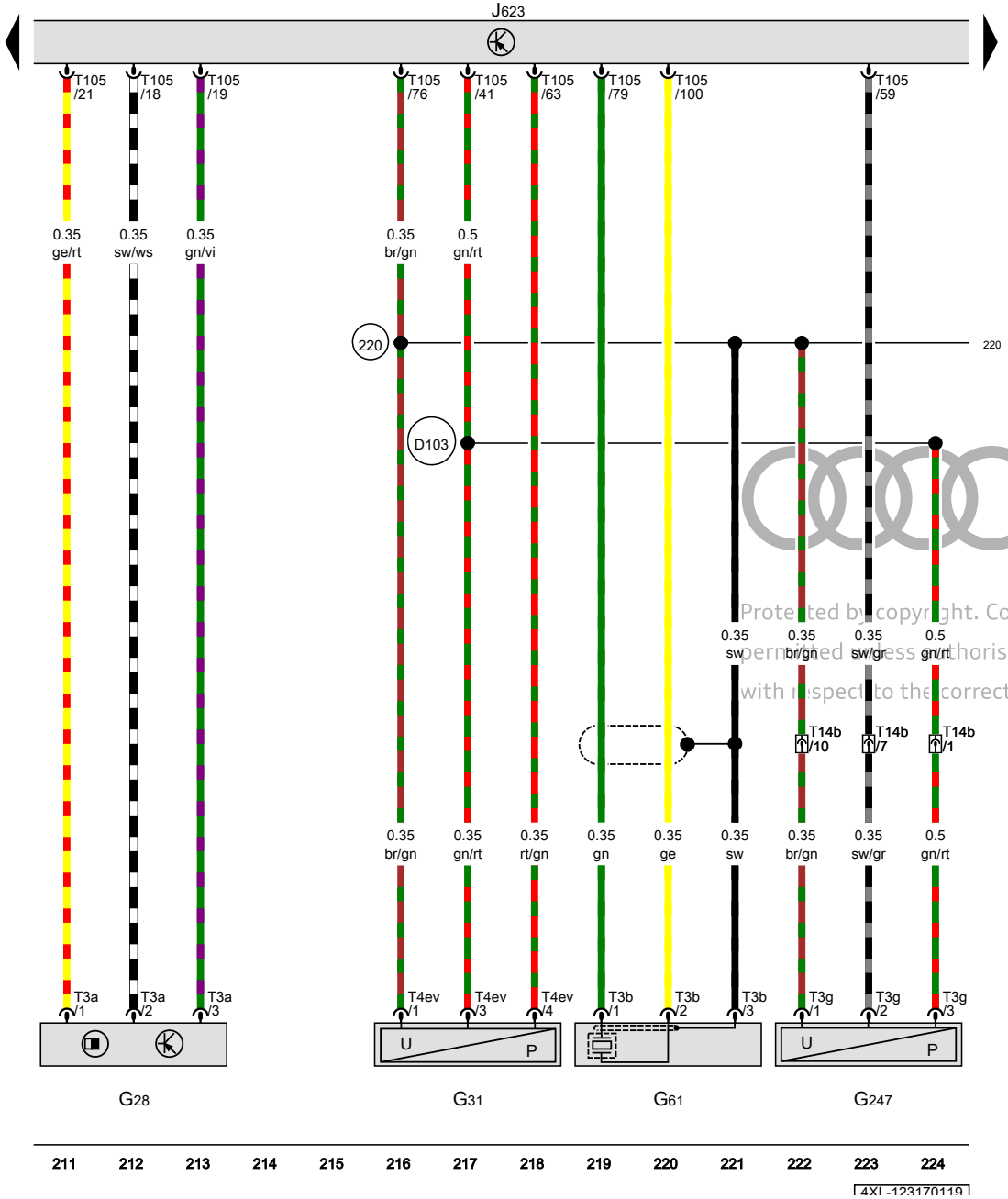
Engine/motor control unit, Exhaust flap control unit, Fuel pressure regulating valve, Fuel tank shut-off valve, Intake manifold flap valve

J623	Engine/motor control unit
J883	Exhaust flap control unit
N276	Fuel pressure regulating valve
N288	Fuel tank shut-off valve
N316	Intake manifold flap valve
T2gn	2-pin connector, black
T2i	2-pin connector, black
T2pz	2-pin connector, grey
T3cc	3-pin connector, black
T6ct	6-pin connector, on right C-pillar
T14b	14-pin connector, on left in engine compartment, black
T14m	14-pin connector, black
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T91	91-pin connector, black
T105	105-pin connector, black
397	Earth connection 32, in main wiring harness
B613	Connection 41, in main wiring harness
D101	Connection 1 in engine compartment wiring harness

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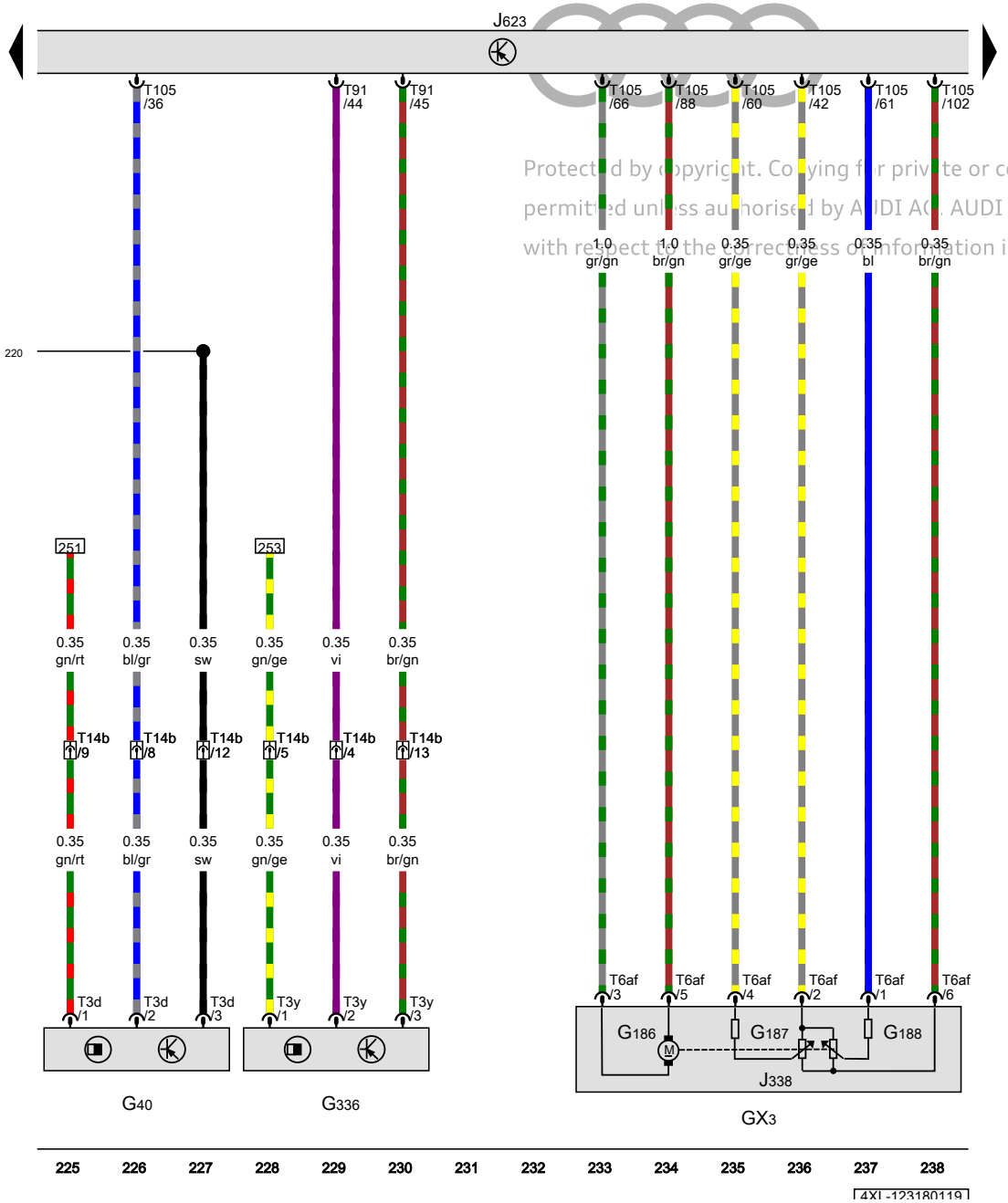
Engine speed sender, Charge pressure sender, Knock sensor 1, Fuel pressure sender, Engine/motor control unit

G28	Engine speed sender
G31	Charge pressure sender
G61	Knock sensor 1
G247	Fuel pressure sender
J623	Engine/motor control unit
T3a	3-pin connector, black
T3b	3-pin connector, green
T3g	3-pin connector, black
T4ev	4-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D103	Connection 3 in engine compartment wiring harness



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ro	=	red
rt	=	red
br	=	brown
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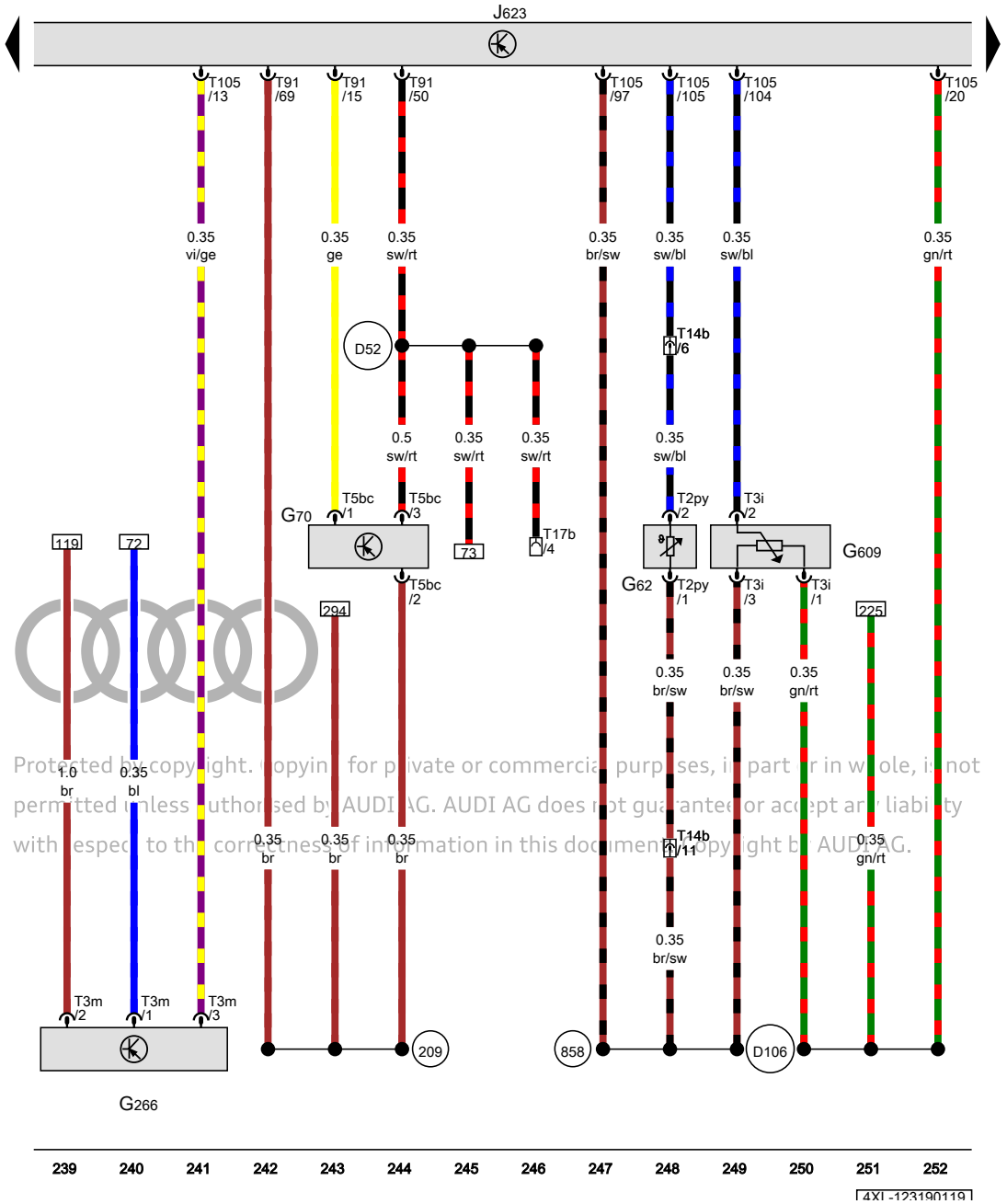


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Throttle valve module, Hall sender, Intake manifold flap potentiometer, Throttle valve module, Engine/motor control unit

GX3	Throttle valve module
G40	Hall sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine/motor control unit
T3d	3-pin connector, black
T3y	3-pin connector, black
T6af	6-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T91	91-pin connector, black
T105	105-pin connector, black
220	Earth connection (sender earth), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

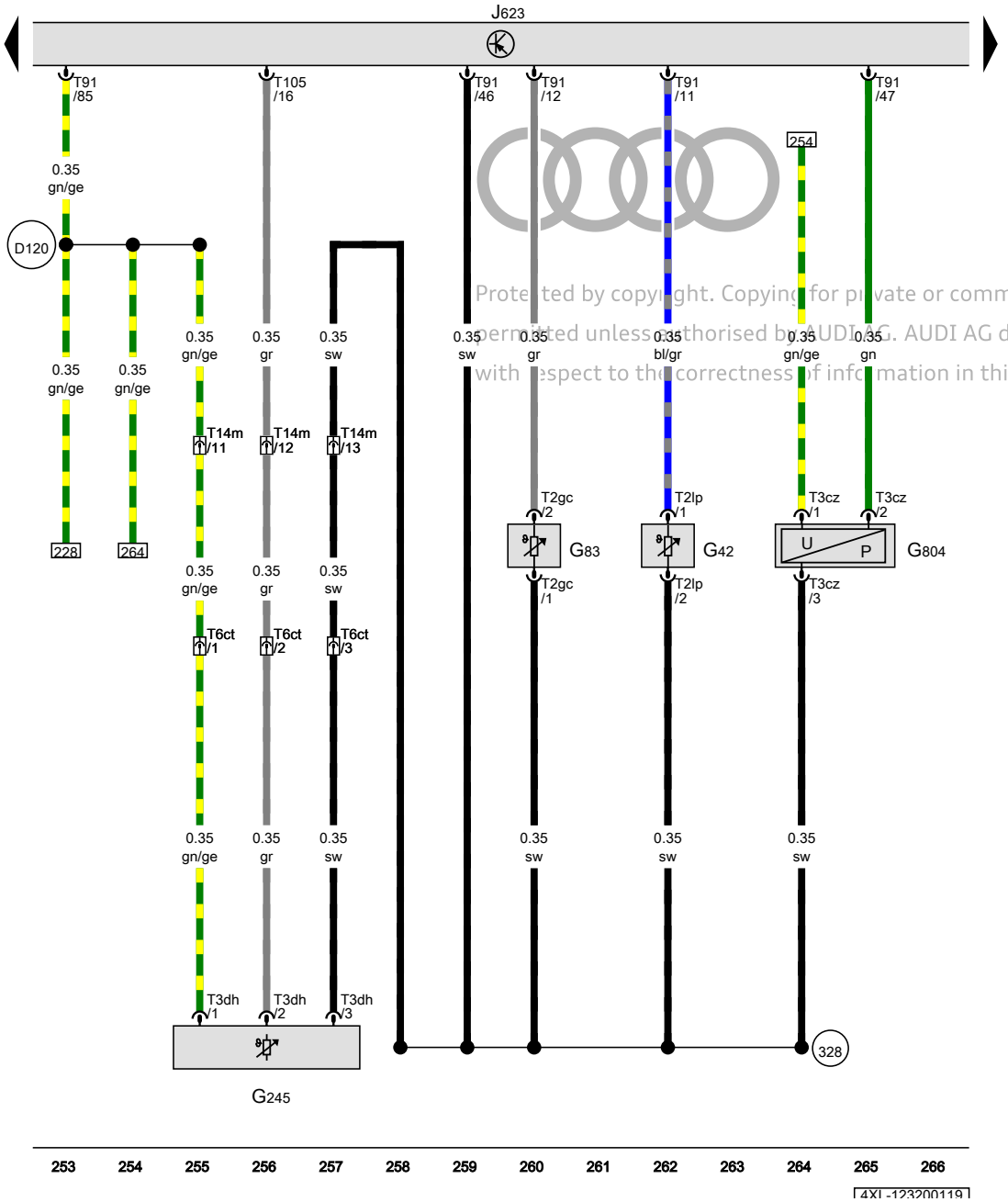


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Coolant temperature sender, Air mass meter, Oil level and oil temperature sender, Sender 1 for secondary air pressure, Engine/motor control unit

G62	Coolant temperature sender
G70	Air mass meter
G266	Oil level and oil temperature sender
G609	Sender 1 for secondary air pressure
J623	Engine/motor control unit
T2py	2-pin connector, black
T3i	3-pin connector, black
T3m	3-pin connector, black
T5bc	5-pin connector, black
T14b	14-pin connector, on left in engine compartment, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T91	91-pin connector, black
T105	105-pin connector, black
209	Earth connection 6, in engine compartment wiring harness
858	Earth connection 3 (sender earth) in engine wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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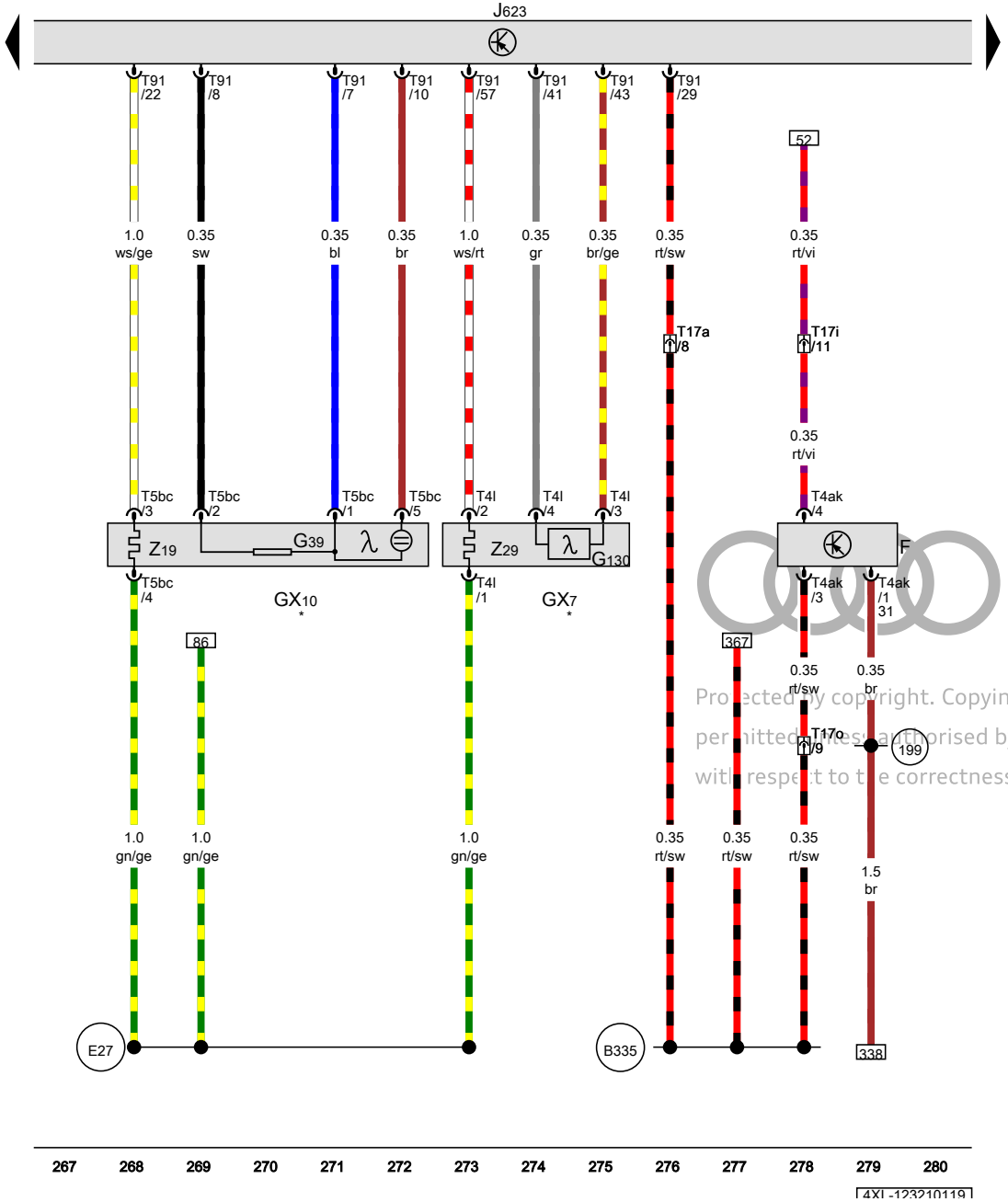


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Intake air temperature sender, Radiator outlet coolant temperature sender, Area of fuel tank temperature sensor 1, 120 °C, Pressure sensor for activated charcoal filter system, Engine/motor control unit

G42	Intake air temperature sender
G83	Radiator outlet coolant temperature sender
G245	Area of fuel tank temperature sensor 1, 120 °C
G804	Pressure sensor for activated charcoal filter system
J623	Engine/motor control unit
T2gc	2-pin connector, black
T2lp	2-pin connector, black
T3cz	3-pin connector, black
T3dh	3-pin connector, black
T6ct	6-pin connector, on right C-pillar, black
T14m	14-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
rs	=	pink

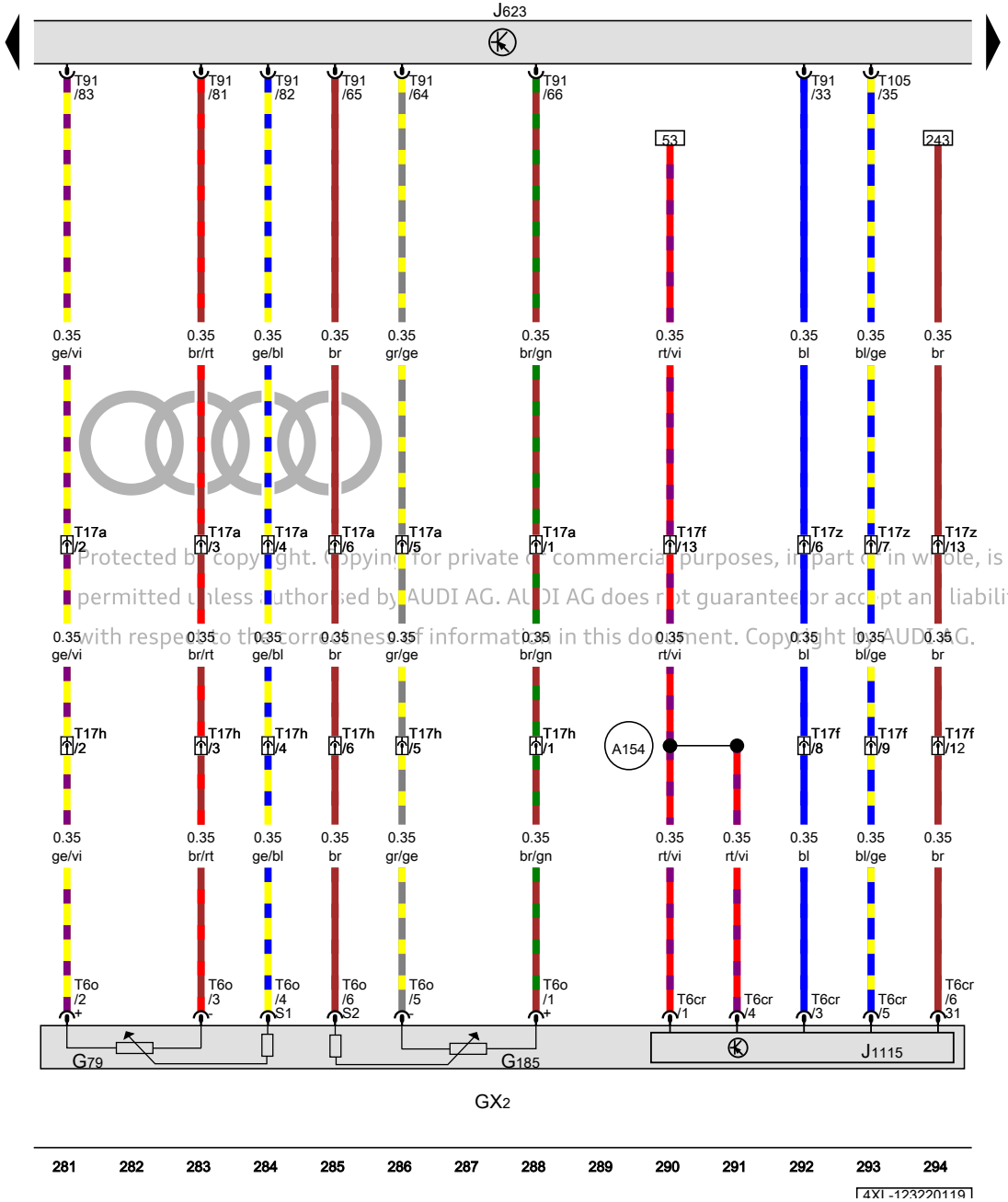


Brake light switch, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

F	Brake light switch
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T4ak	4-pin connector, black
T4l	4-pin connector, black
T5bc	5-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17i	17-pin connector, in left A-pillar coupling station, black
T17o	17-pin connector, in right A-pillar coupling station, black
T91	91-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
199	Earth connection 3, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
E27	Connection (Lambda probe signal), in Motronic wiring harness
*	Pre-wired component

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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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ge	=	yellow
or	=	orange
rs	=	pink

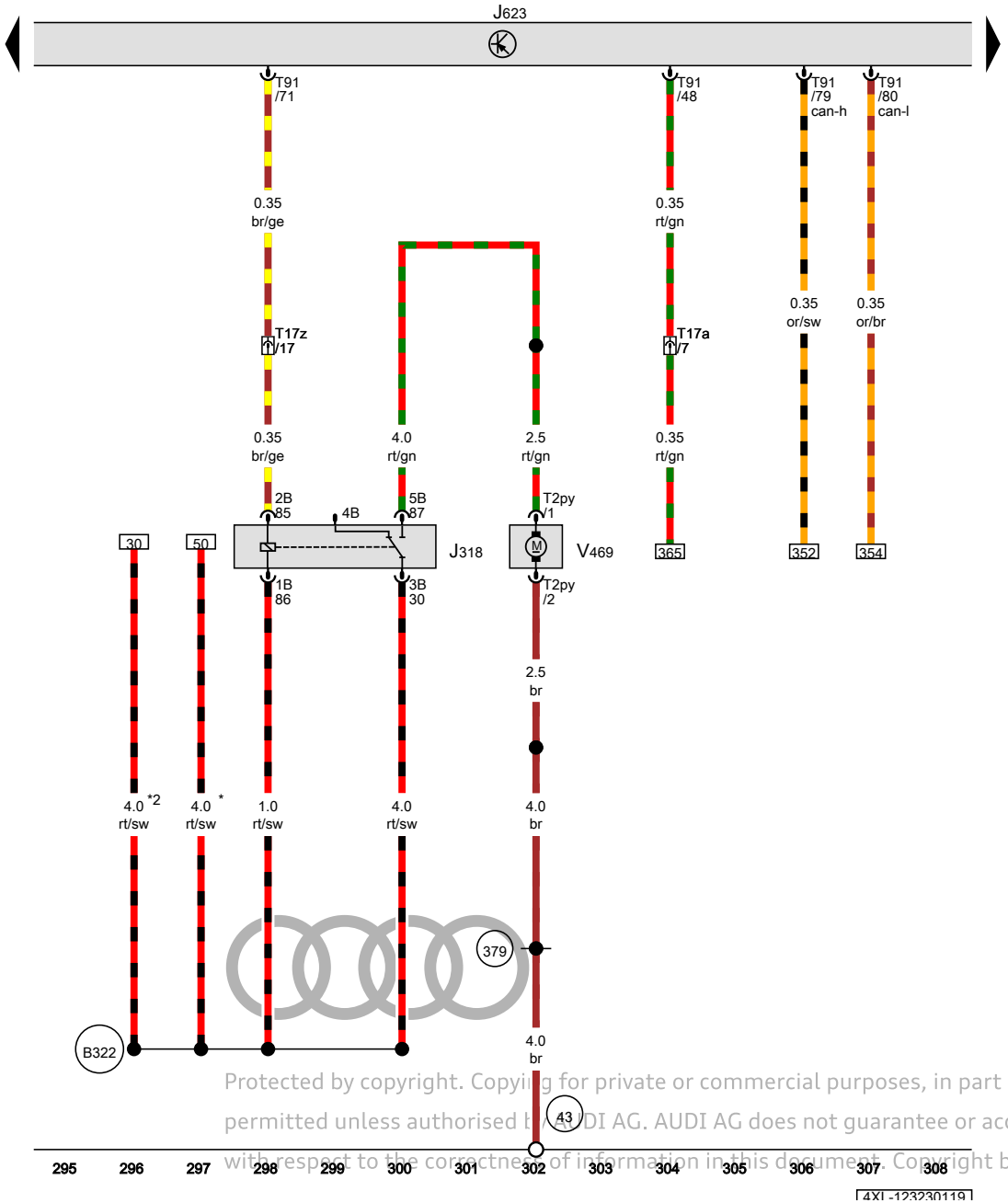


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Accelerator pedal module, Engine/motor control unit, Active accelerator pedal control unit

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
J1115	Active accelerator pedal control unit
T6cr	6-pin connector, black
T6o	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17f	17-pin connector, in left A-pillar coupling station, white
T17h	17-pin connector, in left A-pillar coupling station, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T91	91-pin connector, black
T105	105-pin connector, black
A154	Connection (brake pedal switch), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

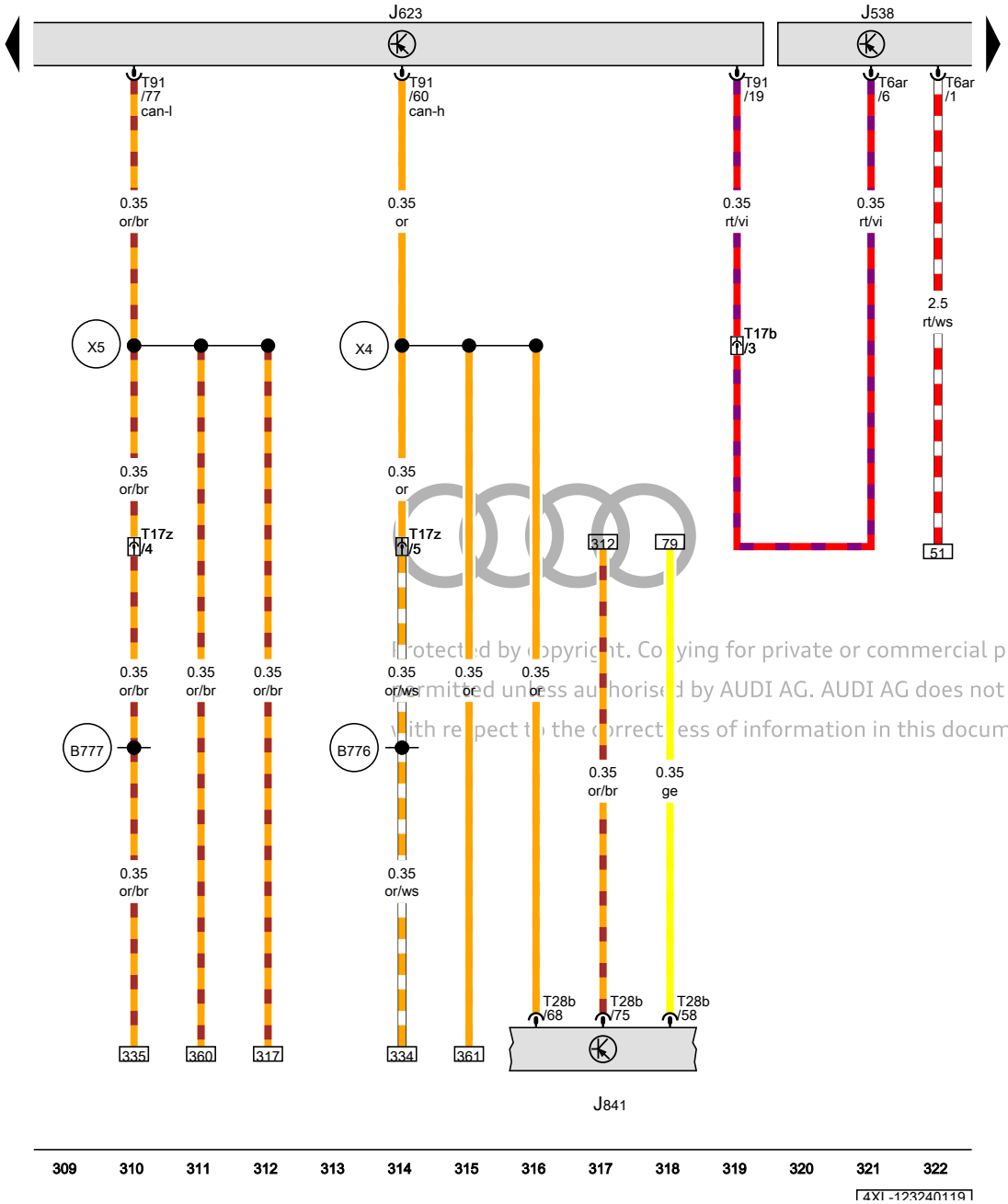


Vacuum pump relay, Engine/motor control unit, Brake servo vacuum pump

J318	Vacuum pump relay
J623	Engine/motor control unit
T2py	2-pin connector, grey
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T91	91-pin connector, black
V469	Brake servo vacuum pump
43	Earth point, lower part of right A-pillar
379	Earth connection 14, in main wiring harness
B322	Positive connection 8 (30a) in main wiring harness
*	Up to January 2018
*2	From January 2018

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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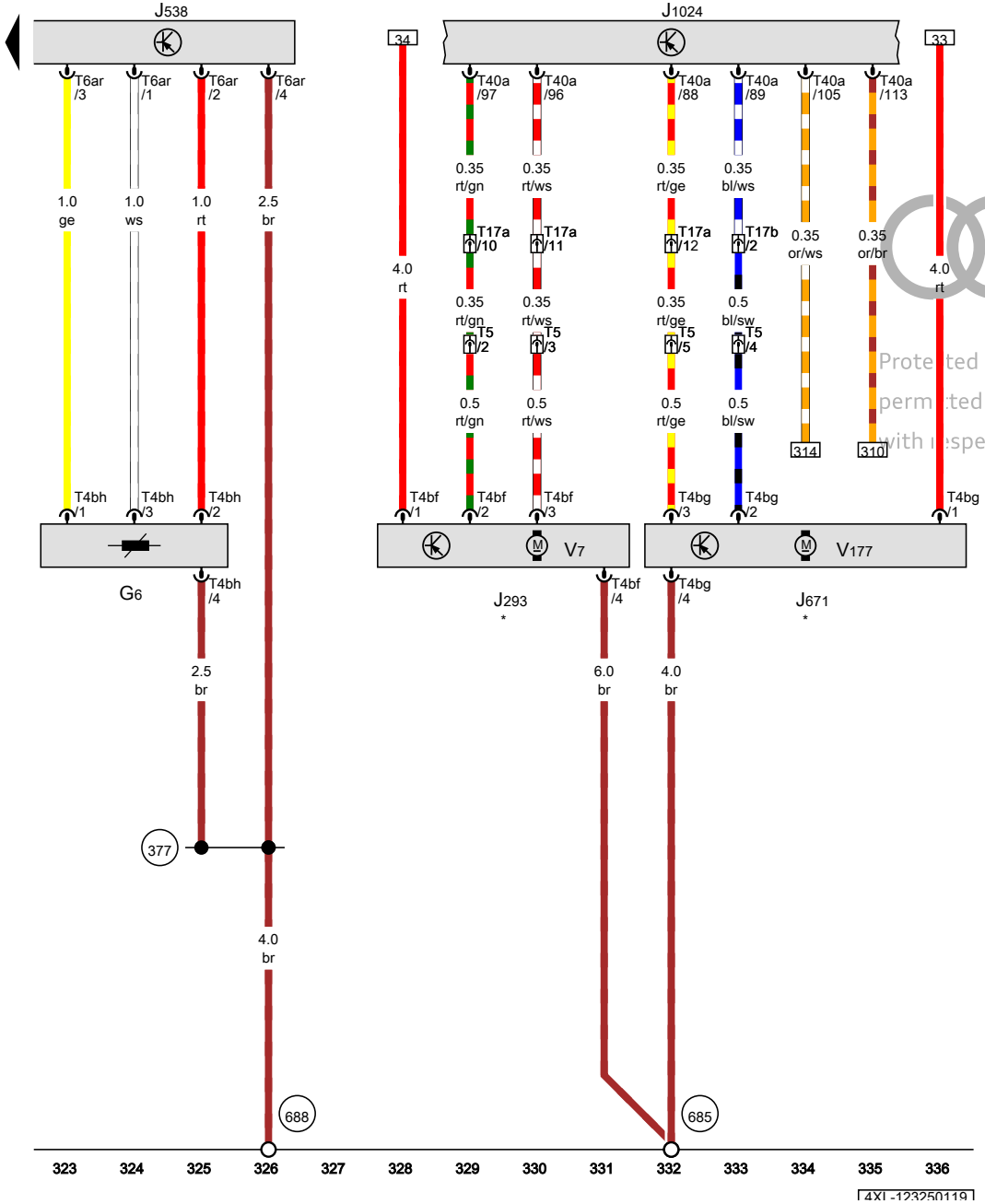
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Fuel pump control unit, Engine/motor control unit

J538	Fuel pump control unit
J623	Engine/motor control unit
J841	Electric drive control unit
T6ar	6-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T28b	28-pin connector, black
T91	91-pin connector, black
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
X4	Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
X5	Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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or	=	orange
rs	=	pink

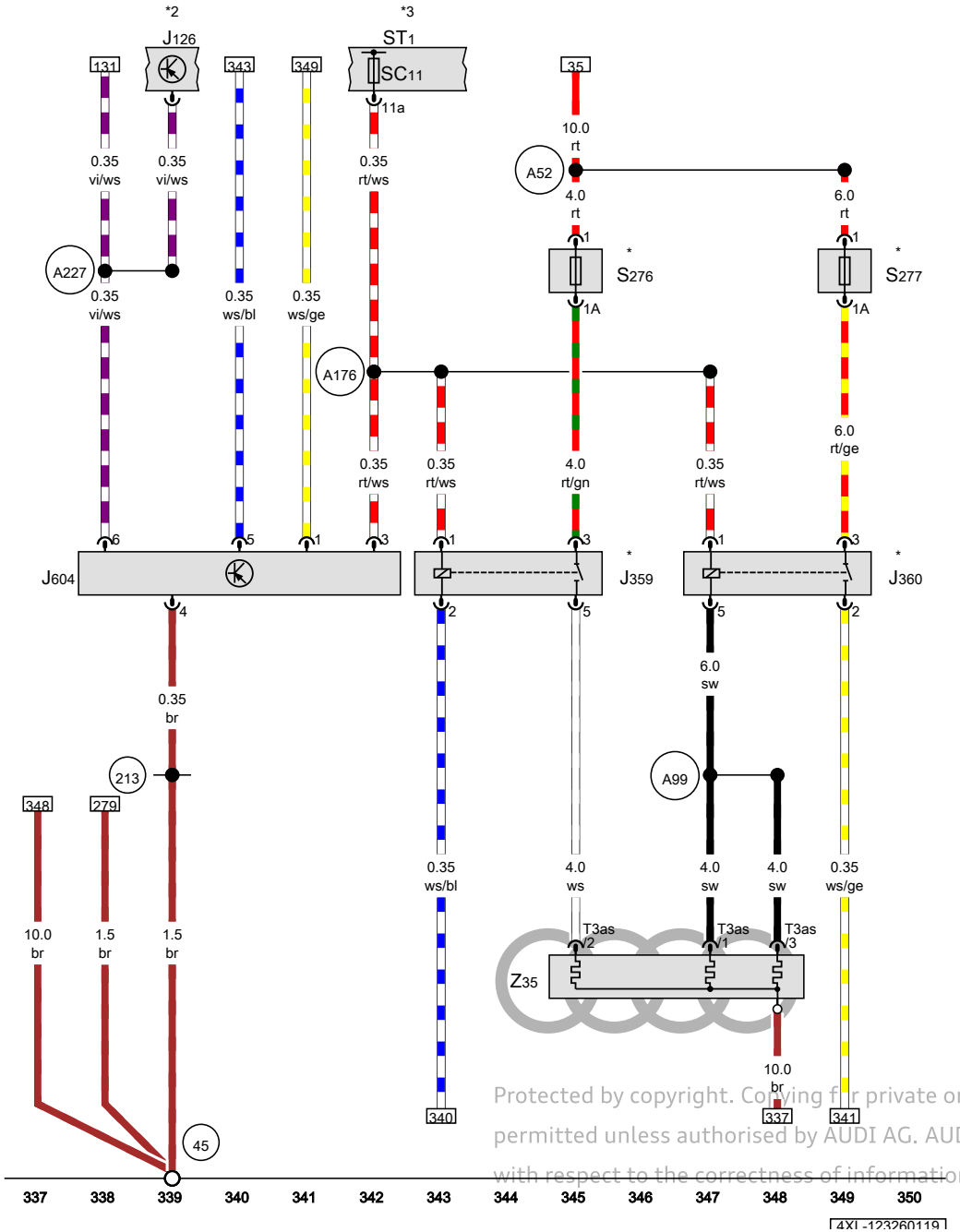
Fuel system pressurisation pump, Radiator fan control unit, Fuel pump control unit, Radiator fan control unit 2



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G6	Fuel system pressurisation pump
J293	Radiator fan control unit, near radiator fan
J538	Fuel pump control unit
J671	Radiator fan control unit 2
J1024	Thermal management control unit
T4bf	4-pin connector, black
T4bg	4-pin connector, black
T4bh	4-pin connector, black
T5	5-pin connector, central in plenum chamber, black
T6ar	6-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T40a	40-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
377	Earth connection 12, in main wiring harness
685	Earth point 1, on front of right longitudinal member
688	Earth point 2, on centre tunnel
*	Pre-wired component

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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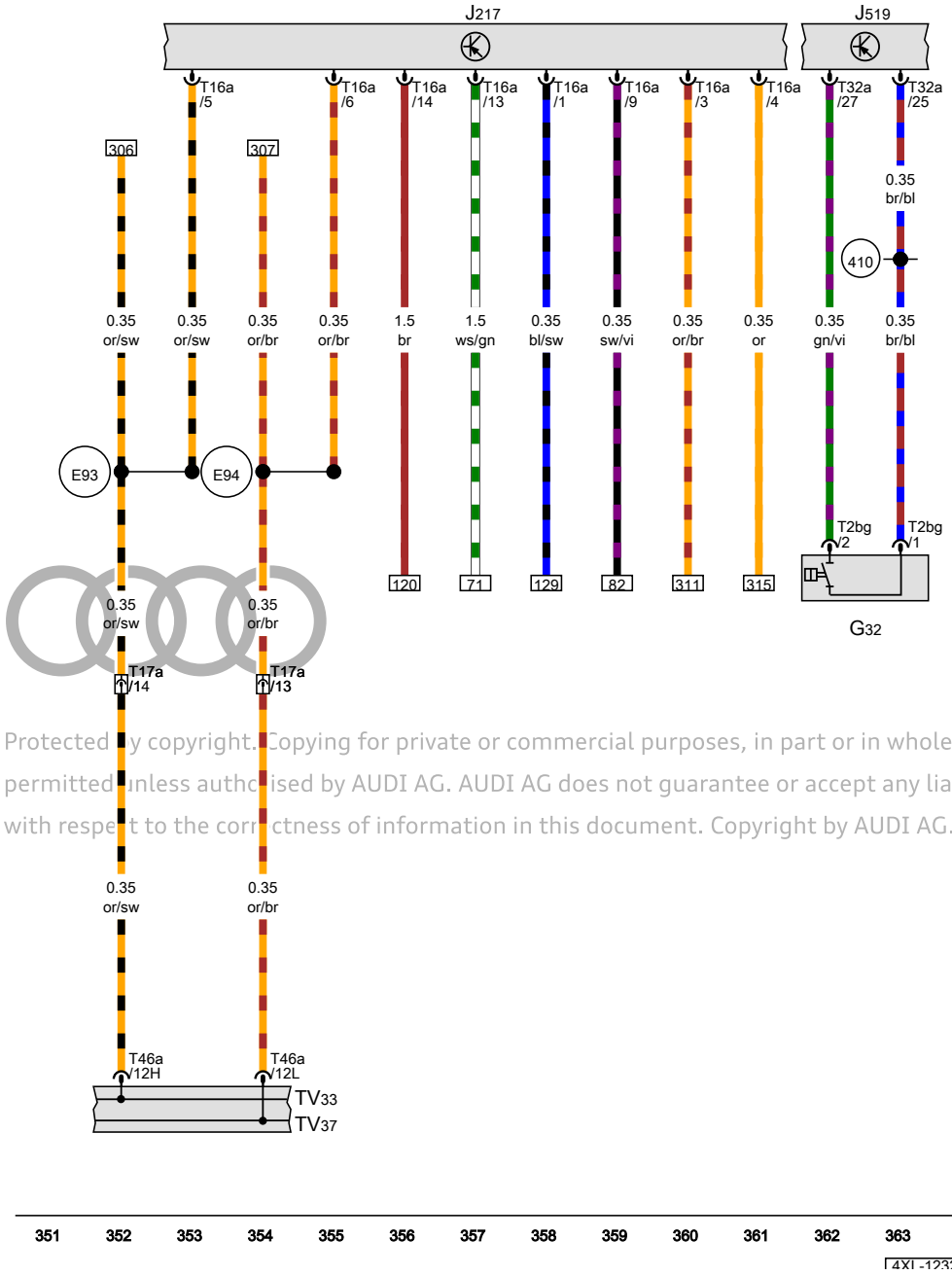


Low heat output relay, High heat output relay, Auxiliary air heater control unit, Auxiliary air heater element

J126	Fresh air blower control unit
J359	Low heat output relay
J360	High heat output relay
J604	Auxiliary air heater control unit
ST1	Fuse carrier 1
SC11	Fuse 11 on fuse holder C
S276	Heater element fuse 1
S277	Heater element fuse 2
T3as	3-pin connector, black
Z35	Auxiliary air heater element
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
A99	Connection 1 (87) in dash panel wiring harness
A176	Connection (auxiliary heater), in dash panel wiring harness
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	Relay carrier on left under dash panel
*2	see applicable current flow diagram for air conditioning
*3	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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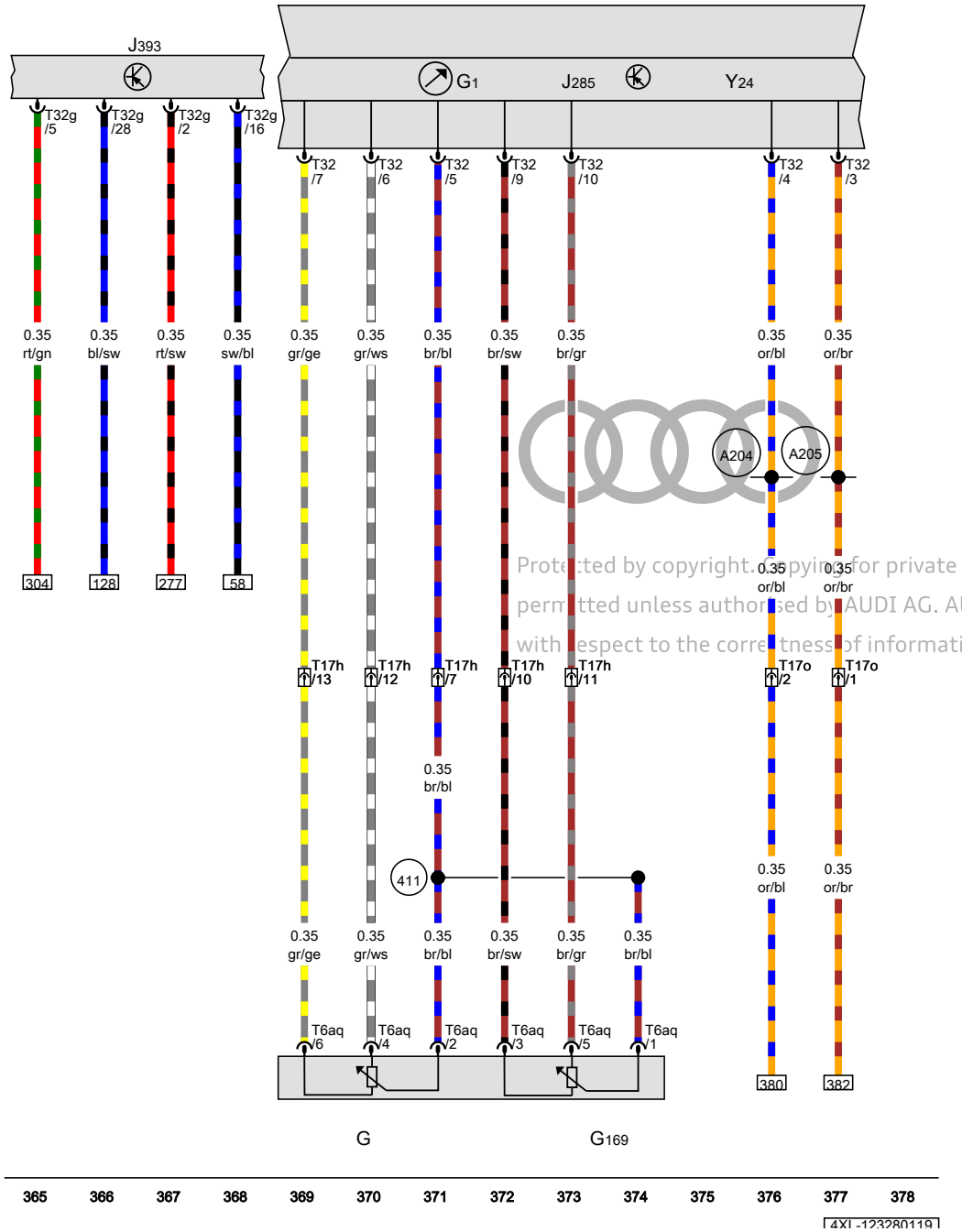


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Automatic gearbox control unit

G32	Coolant shortage indicator sender
J217	Automatic gearbox control unit
J519	Onboard supply control unit
T2bg	2-pin connector, black
T16a	16-pin connector, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T32a	32-pin connector, black
T46a	46-pin connector, black
TV33	Wiring junction for powertrain CAN bus, high
TV37	Wiring junction for powertrain CAN bus, low
410	Earth connection 1 (sender earth) in main wiring harness
E93	Connection 1 (CAN bus high), in engine wiring harness
E94	Connection 1 (CAN bus low), in engine wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
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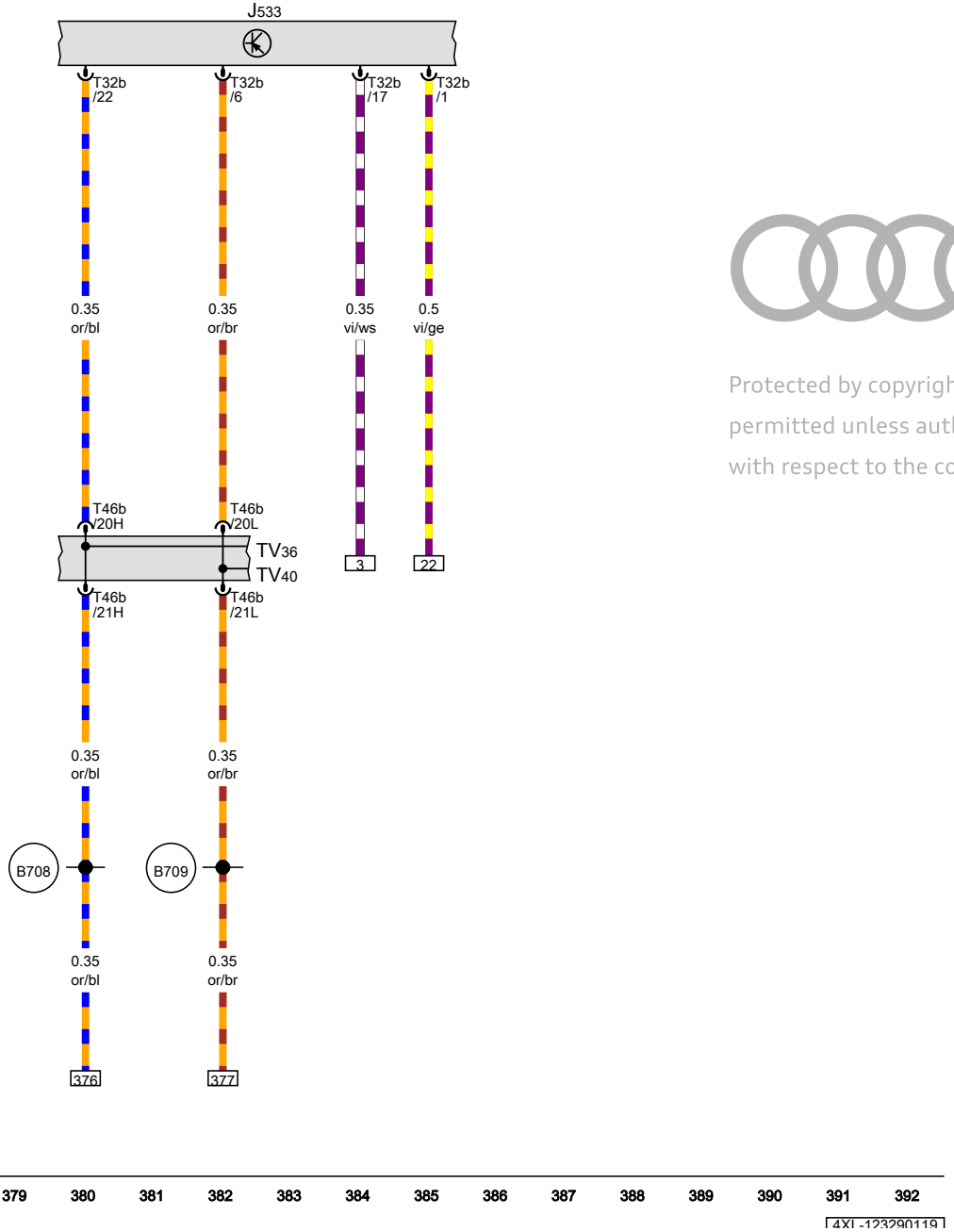


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Fuel gauge, Fuel gauge sender 2, Control unit in dash panel insert

G	Fuel gauge sender
G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J393	Convenience system central control unit
T6aq	6-pin connector
T17h	17-pin connector, in left A-pillar coupling station
T17o	17-pin connector, in right A-pillar coupling station
T32	32-pin connector
T32g	32-pin connector, grey
Y24	Display in dash panel insert
411	Earth connection 2 (sender earth) in main wiring harness
A204	Connection (dash panel insert CAN bus, high), in dash panel wiring harness
A205	Connection (dash panel insert CAN bus, low), in dash panel wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Data bus diagnostic interface

J533	Data bus diagnostic interface
T32b	32-pin connector, black
T46b	46-pin connector, black
TV36	Wiring junction for dash panel insert CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV40	Wiring junction for dash panel insert CAN bus, low
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

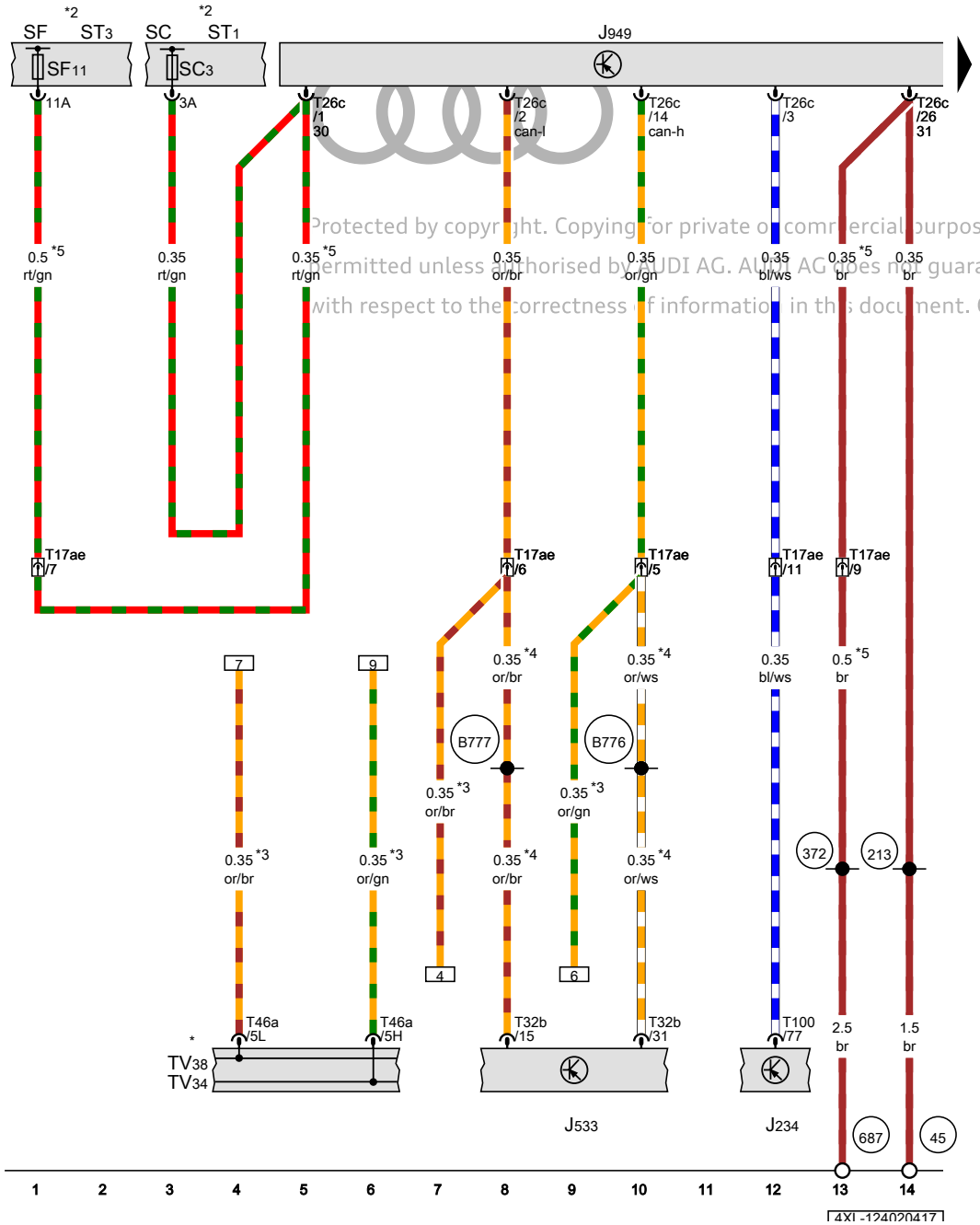
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Emergency call module , (IW1),(IW3)

From June 2016

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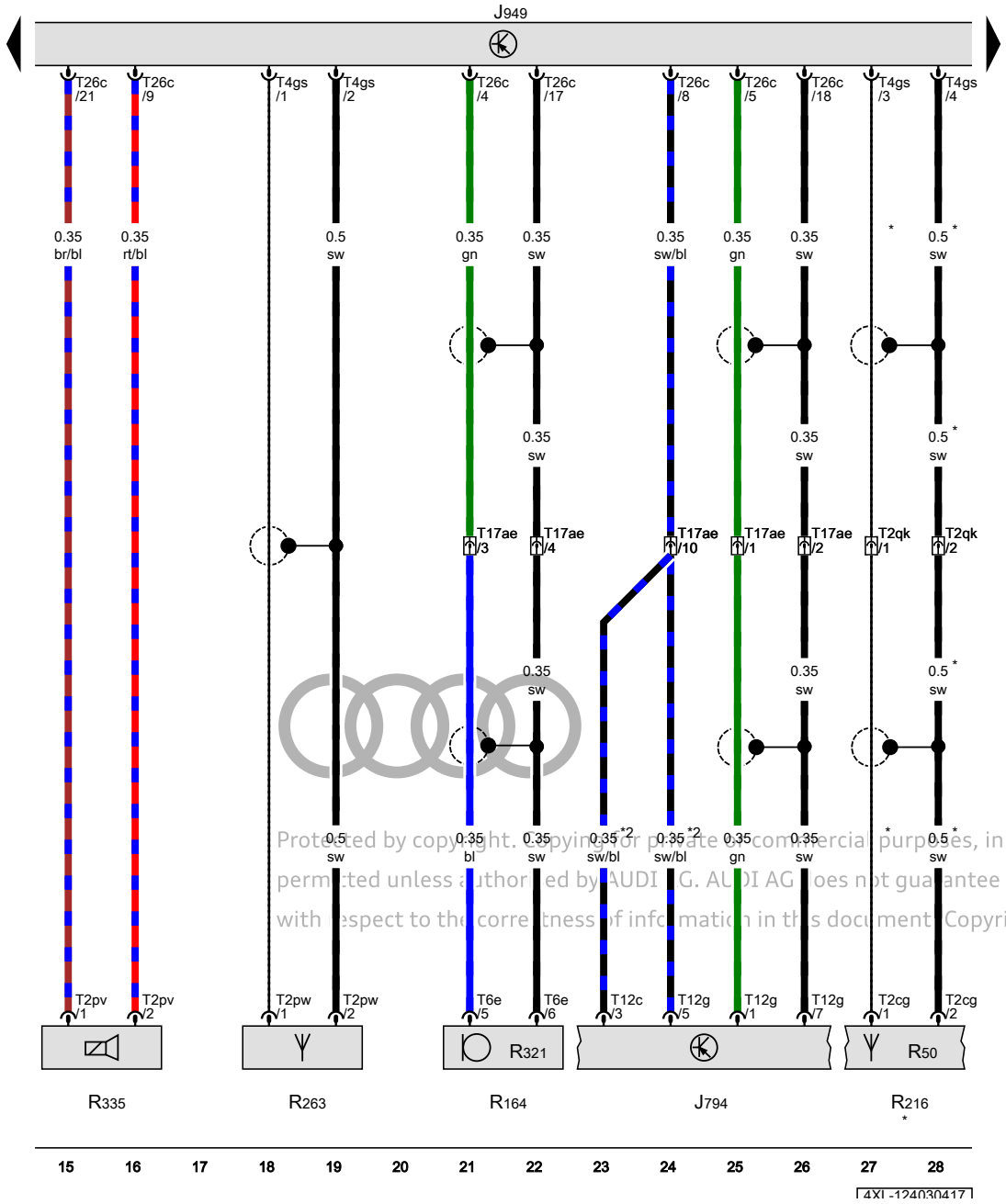
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Emergency call module control unit and communication unit

J234	Airbag control unit
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
SC	Fuse holder C
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
SF	Fuse holder F
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T17ae	17-pin connector, in right A-pillar coupling station, green
T26c	26-pin connector, black
T32b	32-pin connector, black
T46a	46-pin connector, black
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
T100	100-pin connector, yellow
45	Earth point, centre behind dash panel
213	Earth connection, in dash panel wiring harness
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
*	see applicable current flow diagram for data bus network
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no hybrid drive system
*4	Only models with hybrid drive system
*5	From November 2016

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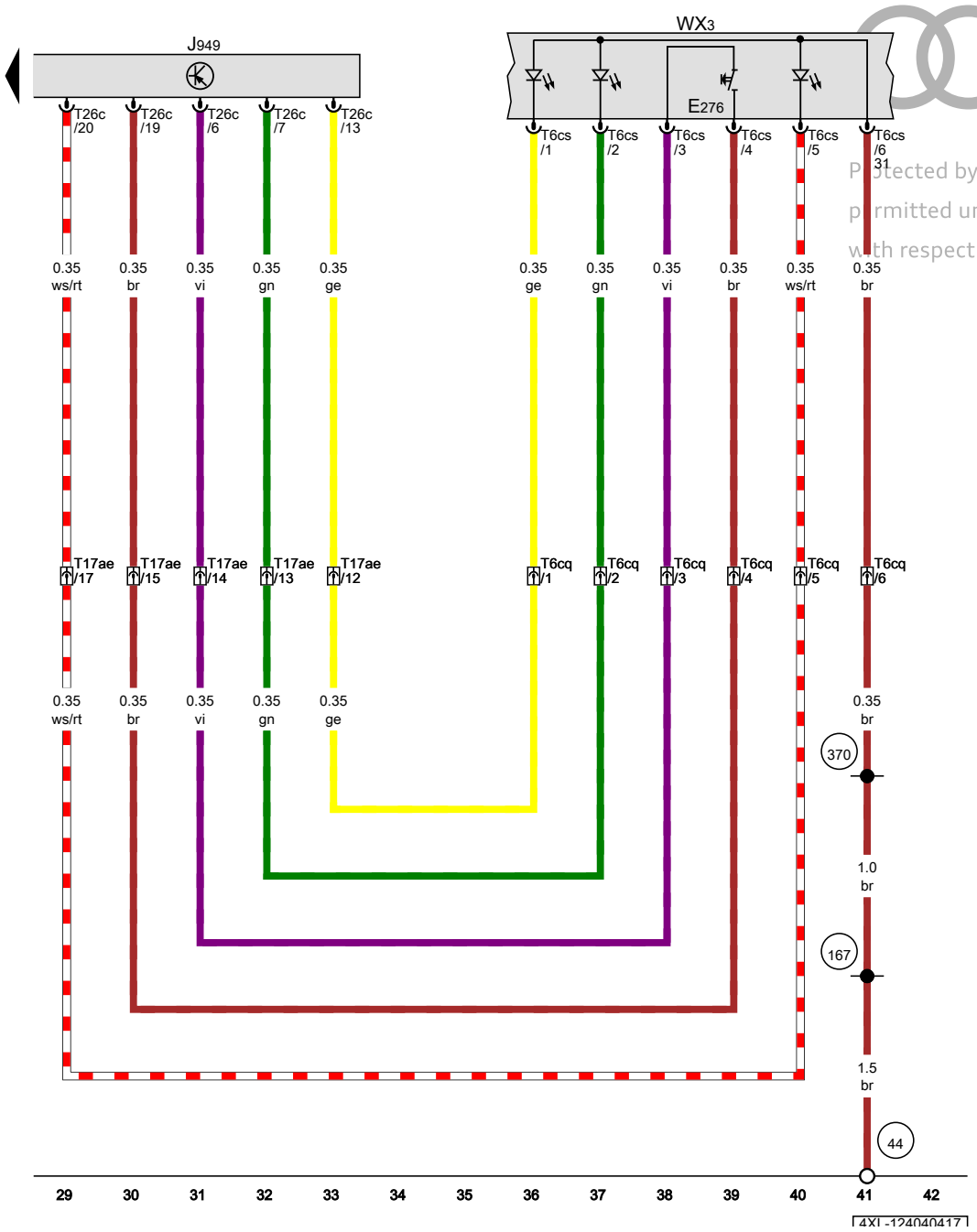
Emergency call module control unit and communication unit, Emergency call module aerial, Microphone for emergency call module, Loudspeaker for emergency call module



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J794		Control unit 1 for information electronics
J949		Emergency call module control unit and communication unit
R50		GPS aerial
R164		Microphone unit in front roof module
R216		Roof aerial
R263		Emergency call module aerial
R321		Microphone for emergency call module
R335		Loudspeaker for emergency call module
T2cg		2-pin connector, blue
T2pv		2-pin connector, black
T2pw		2-pin connector, purple
T2qk		2-pin connector, on right A-pillar, green
T4gs		4-pin connector, purple
T6e		6-pin connector, blue
T12c		12-pin connector, blue
T12g		12-pin connector, blue
T17ae		17-pin connector, in right A-pillar coupling station, green
T26c		26-pin connector, black
*		Only models with no navigation system
*2		According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Emergency assistance call button, Emergency call module control unit and communication unit, Front roof module

E276	Emergency assistance call button
J949	Emergency call module control unit and communication unit
T6cq	6-pin connector, under roof trim, front, black
T6cs	6-pin connector, black
T17ae	17-pin connector, in right A-pillar coupling station, green
T26c	26-pin connector, black
WX3	Front roof module
44	Earth point, lower part of left A-pillar
167	Earth connection 4, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness

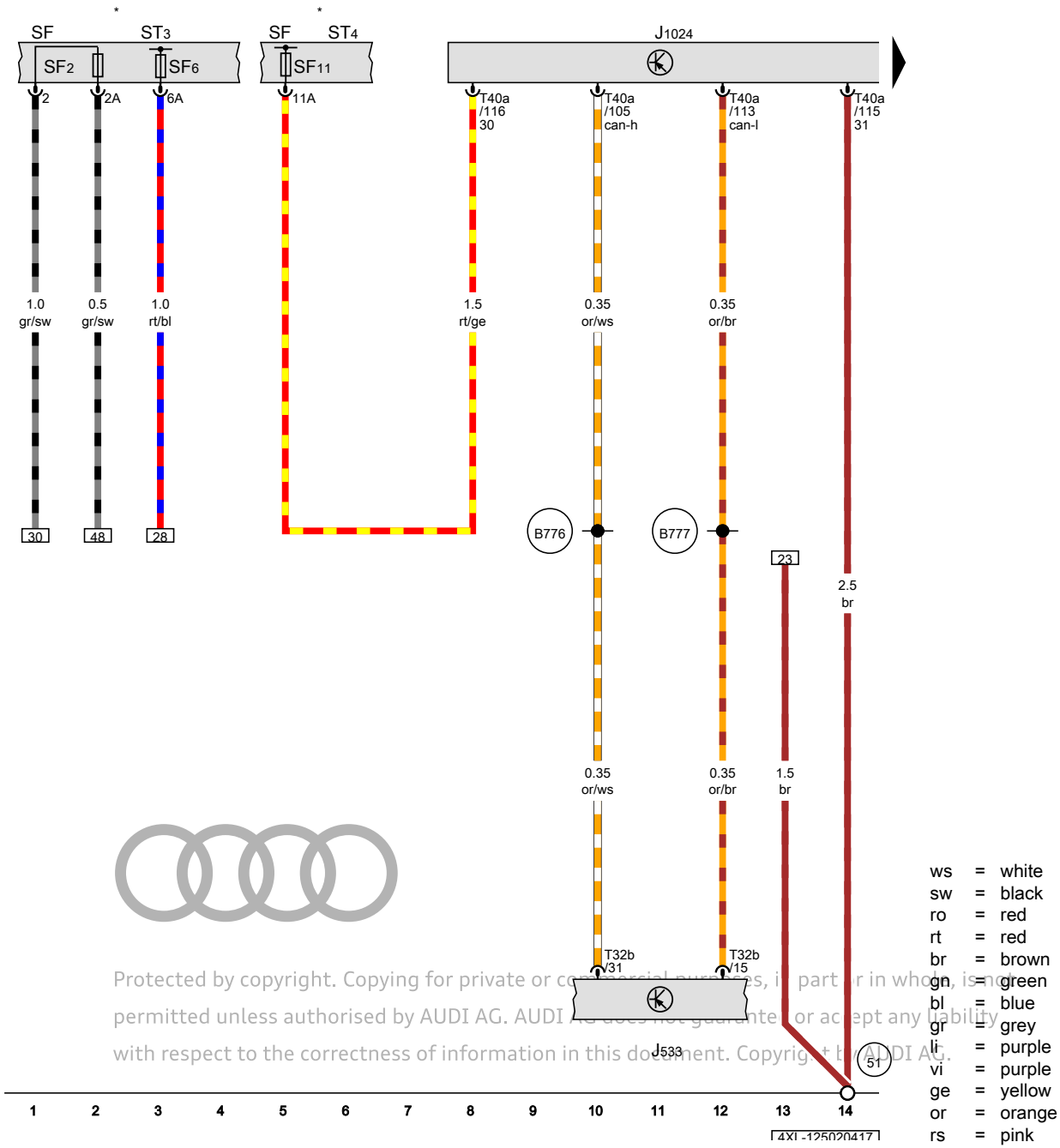
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rs	=	pink

Heat pump , (0K3)

From October 2016

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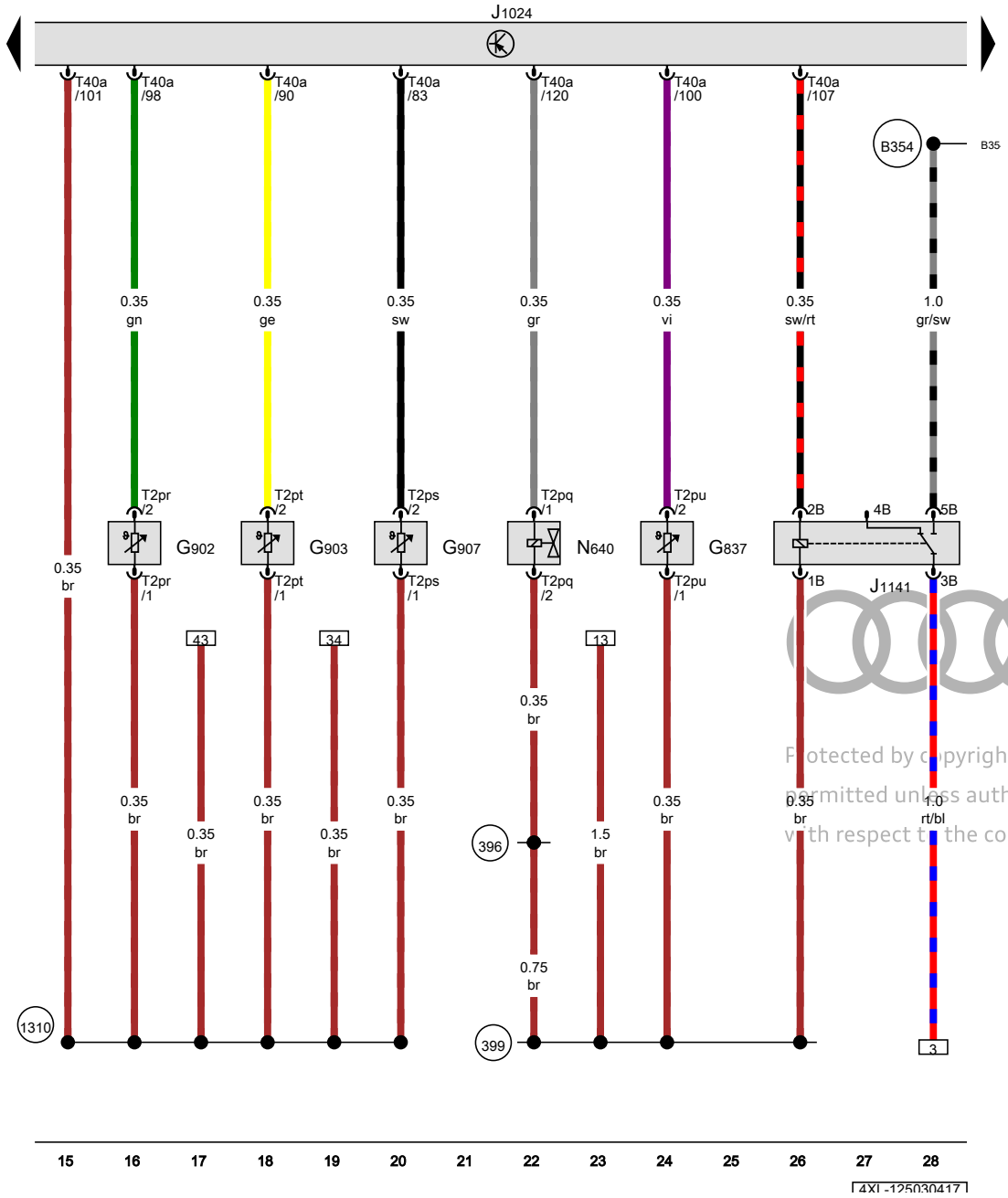


Thermal management control unit

J533	Data bus diagnostic interface
J1024	Thermal management control unit
SF	Fuse holder F
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SF11	Fuse 11 in fuse holder F
T32b	32-pin connector, black
T40a	40-pin connector, black
51	Earth point, on right in luggage compartment
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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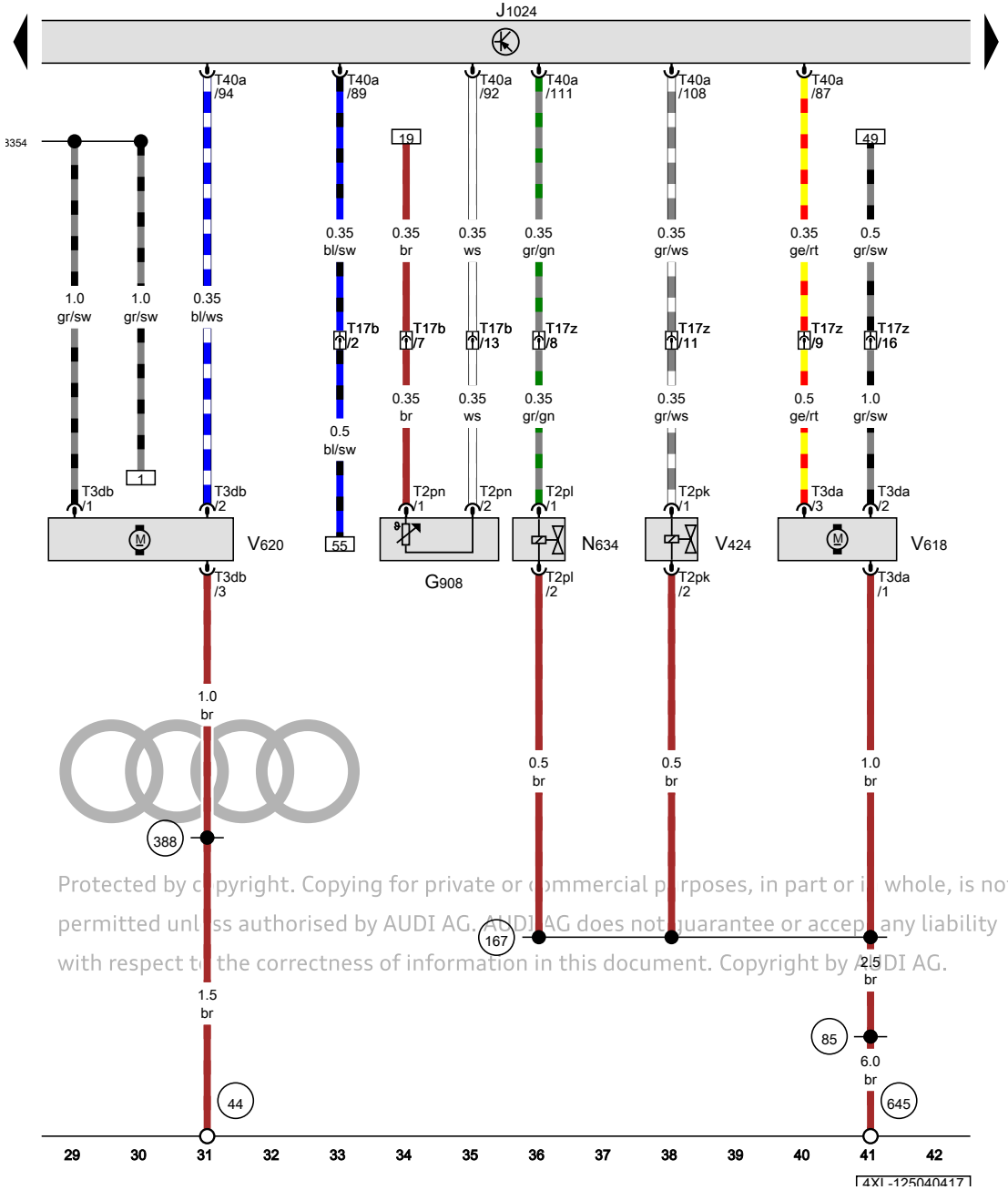


Coolant shortage indicator sender 2, Coolant temperature sender 1 for thermal management, Coolant temperature sender 2 for thermal management, Coolant temperature sender 6 for thermal management, Thermal management control unit, Thermal management coolant pump relay, Refrigerant shut-off valve 2

G837	Coolant shortage indicator sender 2
G902	Coolant temperature sender 1 for thermal management
G903	Coolant temperature sender 2 for thermal management
G907	Coolant temperature sender 6 for thermal management
J1024	Thermal management control unit
J1141	Thermal management coolant pump relay
N640	Refrigerant shut-off valve 2
T2pq	2-pin connector, black
T2pr	2-pin connector, black
T2ps	2-pin connector, black
T2pt	2-pin connector, black
T2pu	2-pin connector, black
T40a	40-pin connector, black
396	Earth connection 31, in main wiring harness
399	Earth connection 34, in main wiring harness
1310	Earth connection 36, in main wiring harness
B354	Positive connection 5 (87a) in main wiring harness

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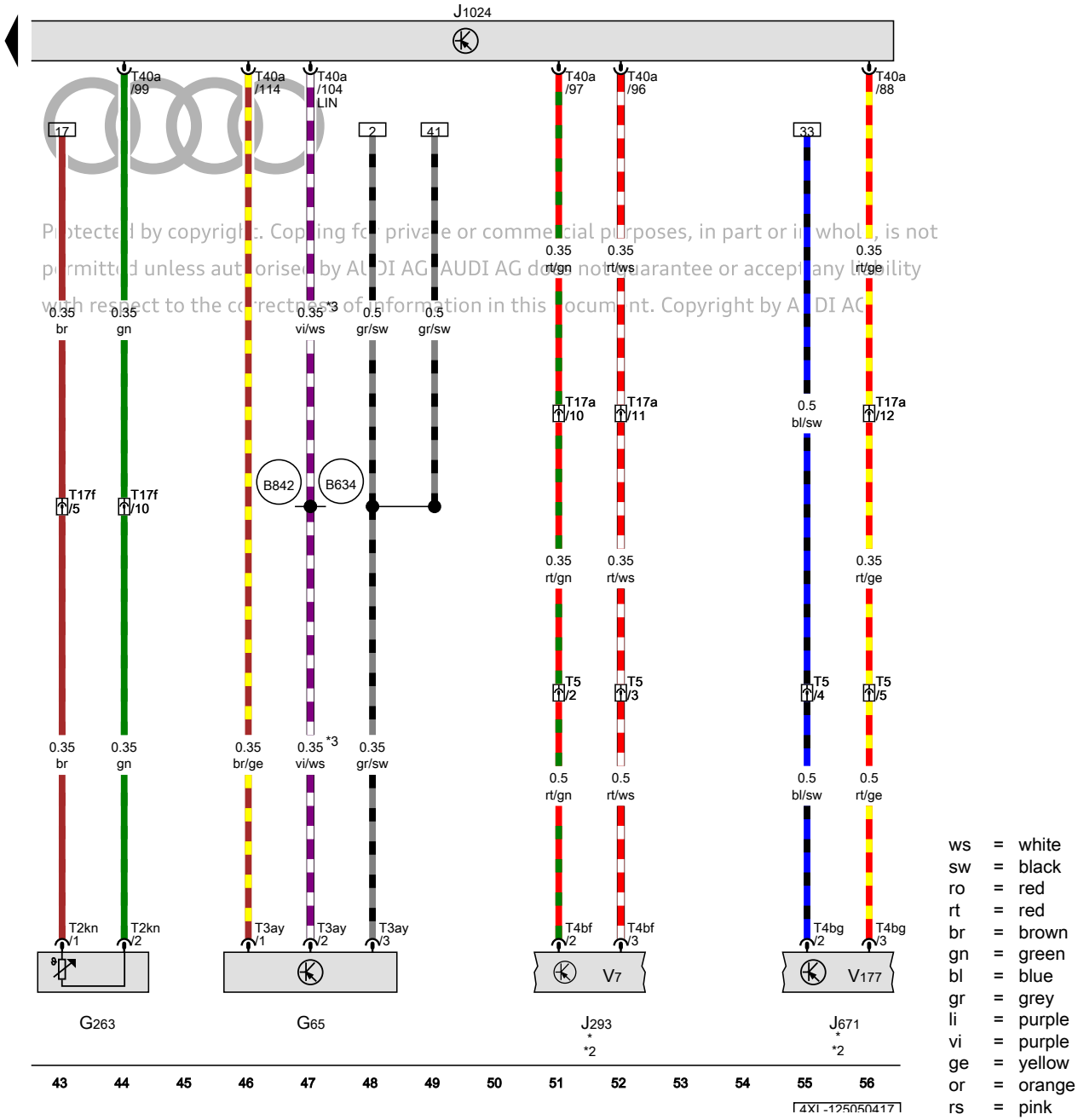


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or = orange
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Coolant temperature sender 7 for thermal management, Thermal management control unit, Coolant changeover valve 3, Refrigerant shut-off valve, Thermal management coolant pump 2, Thermal management coolant pump 4

G908	Coolant temperature sender 7 for thermal management
J1024	Thermal management control unit
N634	Coolant changeover valve 3
T2pk	2-pin connector, black
T2pl	2-pin connector, black
T2pn	2-pin connector, black
T3da	3-pin connector, black
T3db	3-pin connector, black
T17b	17-pin connector, Coupling station, E-box on left in plenum chamber, red
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T40a	40-pin connector, black
V424	Refrigerant shut-off valve
V618	Thermal management coolant pump 2
V620	Thermal management coolant pump 4
44	Earth point, lower part of left A-pillar
85	Earth connection 1, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
388	Earth connection 23, in main wiring harness
645	Earth point 1, on bulkhead
B354	Positive connection 5 (87a) in main wiring harness



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vi = purple
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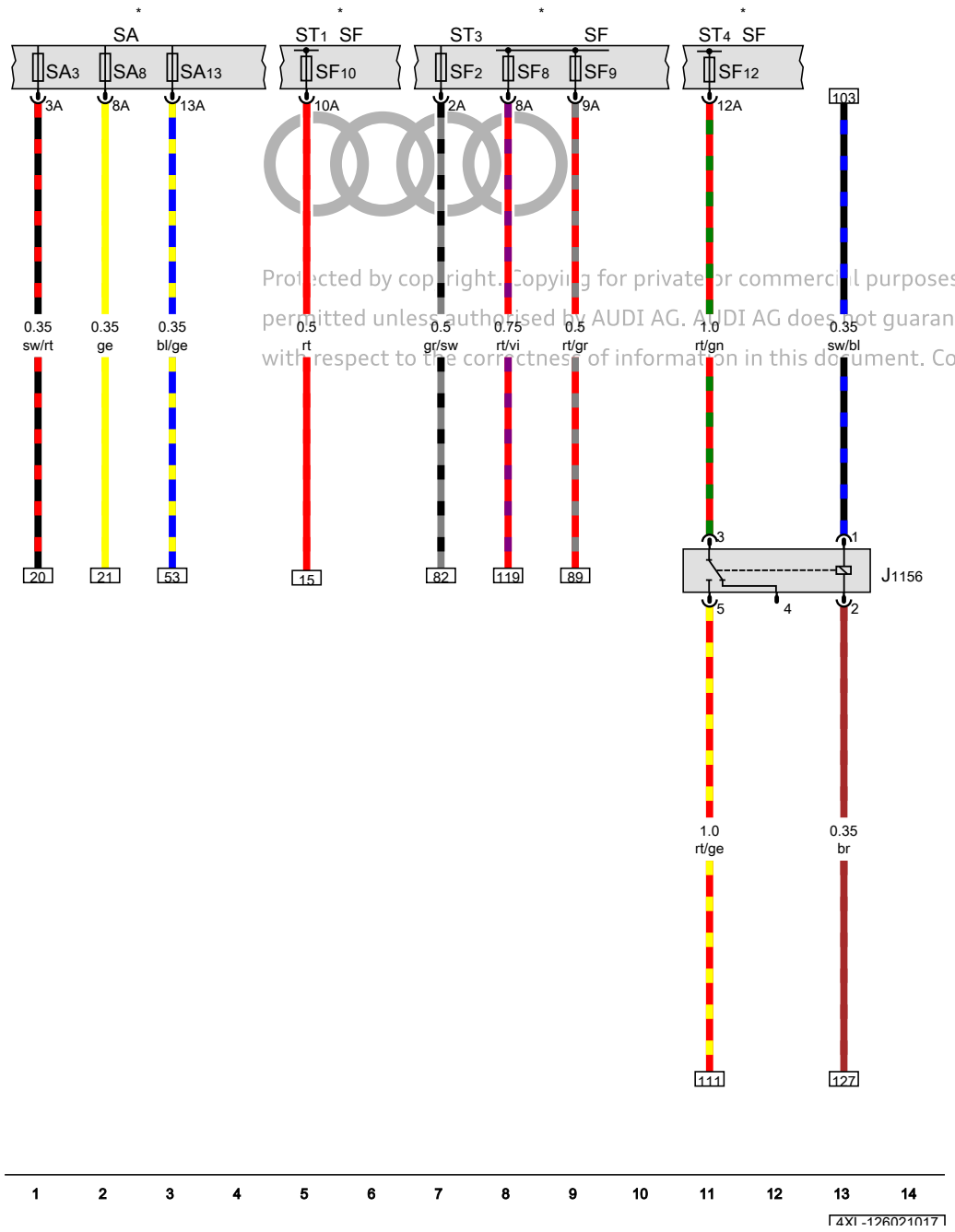
High-pressure sender, Evaporator output temperature sender, Radiator fan control unit, Thermal management control unit

G65	High-pressure sender
G263	Evaporator output temperature sender
J293	Radiator fan control unit, near radiator fan
J671	Radiator fan control unit 2
J1024	Thermal management control unit
T2kn	2-pin connector, black
T3ay	3-pin connector, black
T4bf	4-pin connector, black
T4bg	4-pin connector, black
T5	5-pin connector, central in plenum chamber, black
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T17f	17-pin connector, in left A-pillar coupling station, white
T40a	40-pin connector, black
V7	Radiator fan
V177	Radiator fan 2
B634	Positive connection 2 (87), in main wiring harness
B842	Connection 8 (LIN bus) in main wiring harness
*	Pre-wired component
*2	see applicable current flow diagram for engine
*3	Data bus wire (LIN bus)

High-voltage system , (0K3)

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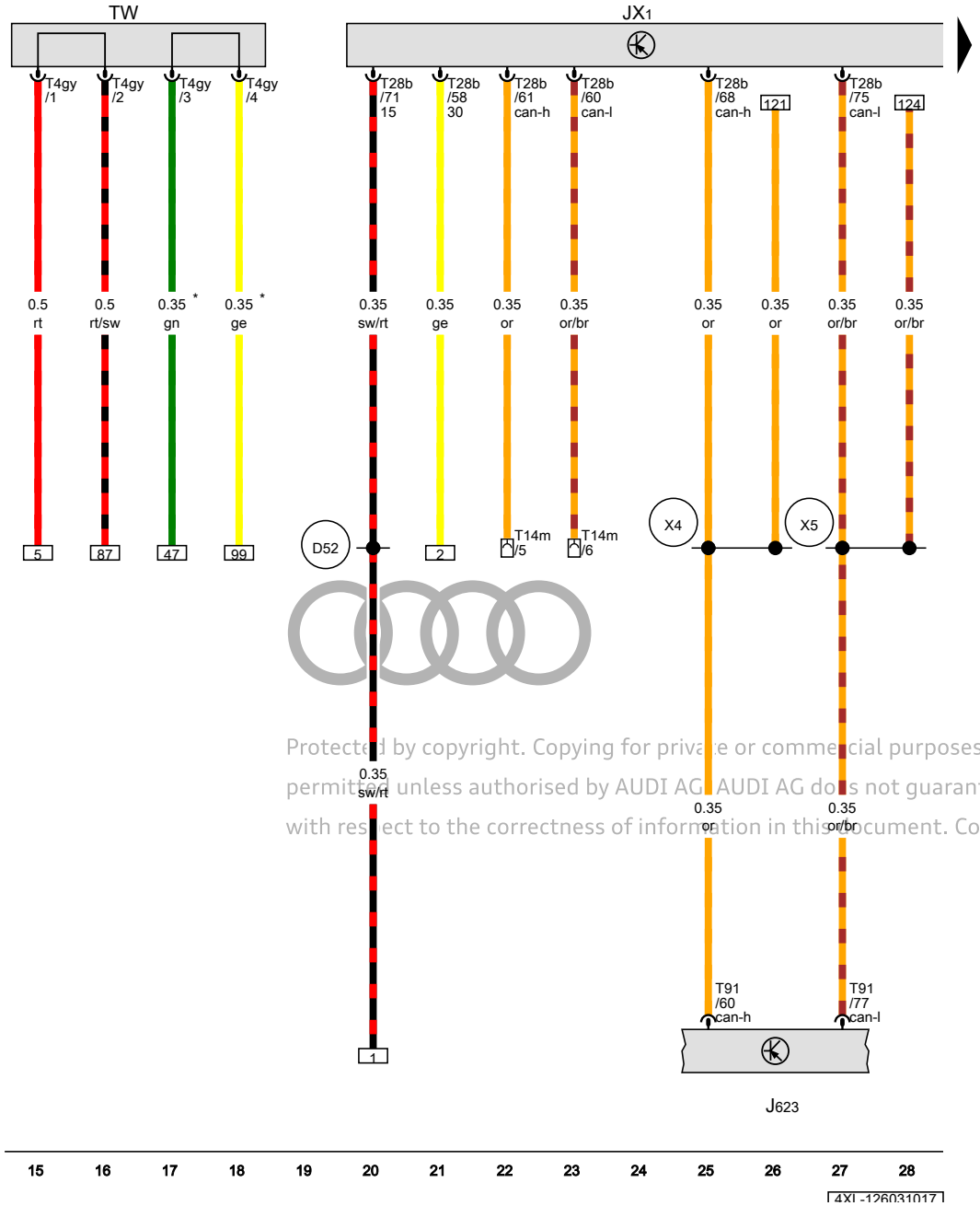


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High-voltage battery coolant pump relay, Fuse holder A, Fuse holder F

J1156	High-voltage battery coolant pump relay
SA	Fuse holder A
ST1	Fuse carrier 1
SF2	Fuse 2 in fuse holder F
SA3	Fuse 3 on fuse holder A
ST3	Fuse carrier 3
SF	Fuse holder F
ST4	Fuse carrier 4
SF8	Fuse 8 in fuse holder F
SA8	Fuse 8 on fuse holder A
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF12	Fuse 12 in fuse holder F
SA13	Fuse 13 on fuse holder A
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

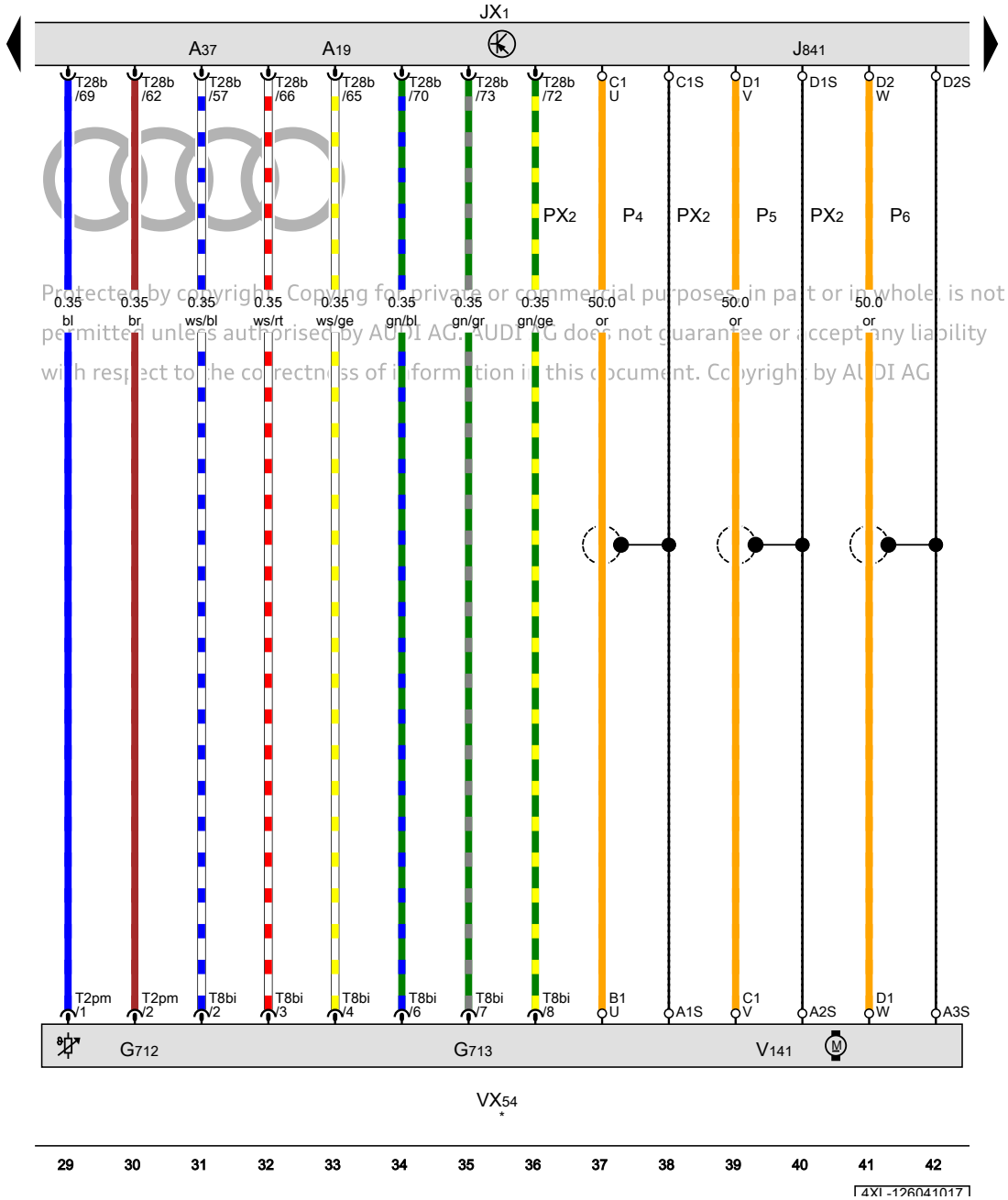


Power and control electronics for electric drive, Engine/ motor control unit, Maintenance connector for high-voltage system

JX1	Power and control electronics for electric drive
J623	Engine/motor control unit
T4gy	4-pin connector, green
T14m	14-pin connector, black
T28b	28-pin connector, black
T91	91-pin connector, black
TW	Maintenance connector for high-voltage system
D52	Positive connection (15a), in engine compartment wiring harness
X4	Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
X5	Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
*	Pilot line

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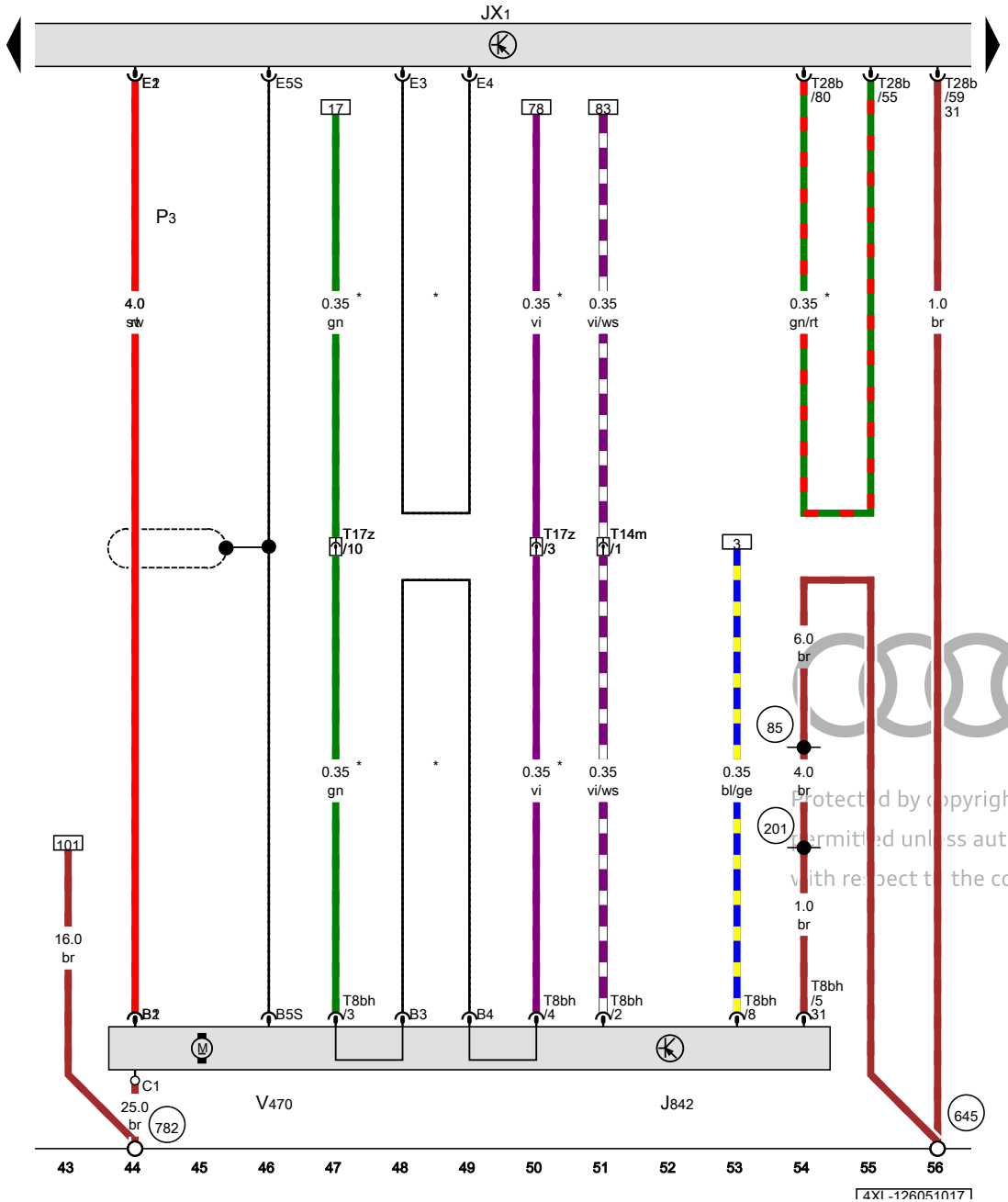


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Voltage converter, DC/AC converter for drive motor, Drive motor temperature sender, Drive motor rotor position sender 1, Power and control electronics for electric drive, Electric drive control unit, Three-phase current drive, Electric drive motor

A19	Voltage converter
A37	DC/AC converter for drive motor
G712	Drive motor temperature sender
G713	Drive motor rotor position sender 1
JX1	Power and control electronics for electric drive
J841	Electric drive control unit
PX2	High-voltage wiring harness for drive motor
P4	High-voltage wire 1 for drive motor
P5	High-voltage wire 2 for drive motor
P6	High-voltage wire 3 for drive motor
T2pm	2-pin connector, black
T8bi	8-pin connector, black
T28b	28-pin connector, black
VX54	Three-phase current drive
V141	Electric drive motor
*	Earth supply via housing

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
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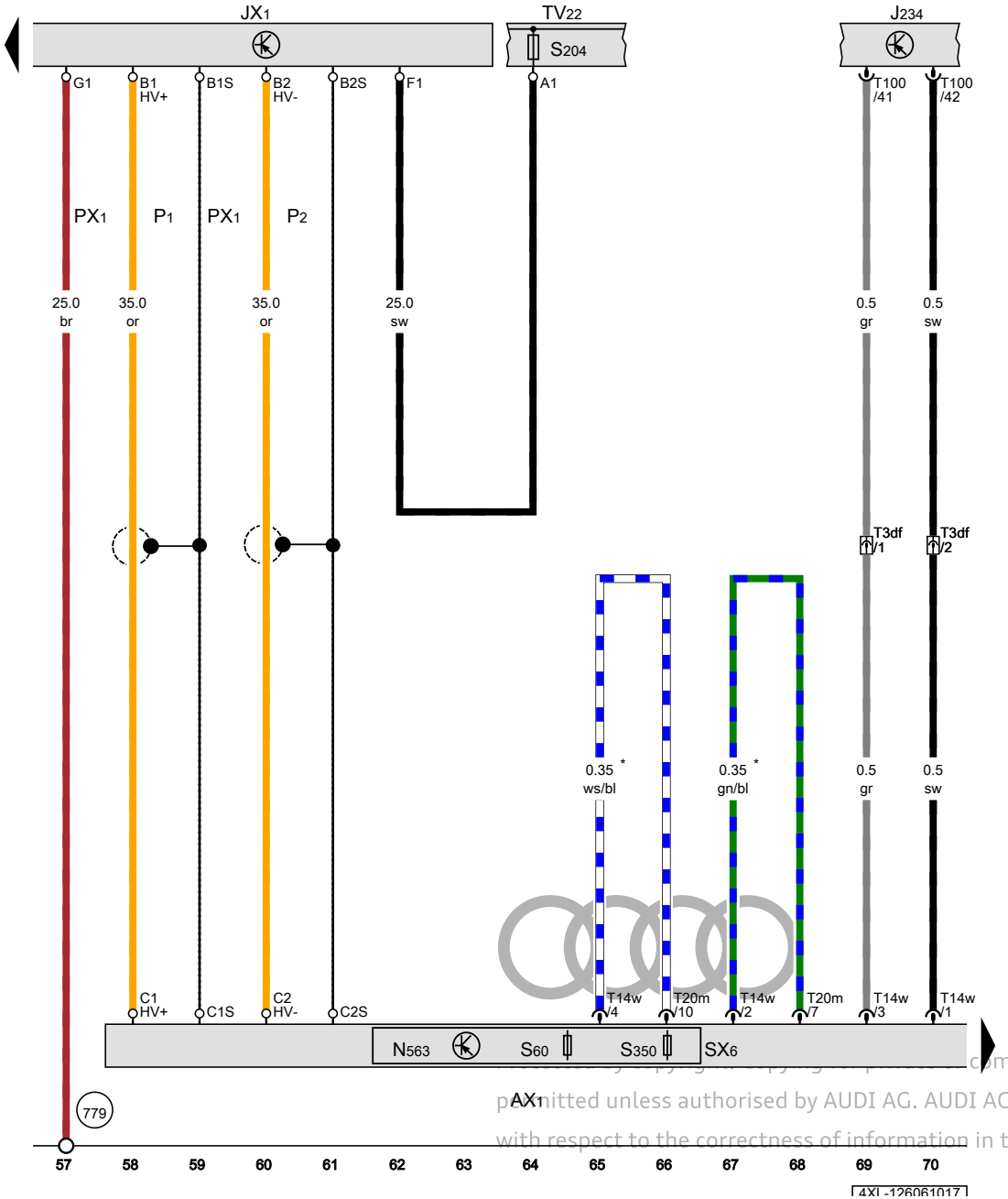


Power and control electronics for electric drive, Control unit for air conditioning compressor, Electrical air conditioner compressor

JX1	Power and control electronics for electric drive
J842	Control unit for air conditioning compressor
P3	High-voltage wire for electrical air conditioner compressor
T8bh	8-pin connector, black
T14m	14-pin connector, black
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T28b	28-pin connector, black
V470	Electrical air conditioner compressor
85	Earth connection 1, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
645	Earth point 1, on bulkhead
782	Earth point 1, on high-voltage battery
*	Pilot line

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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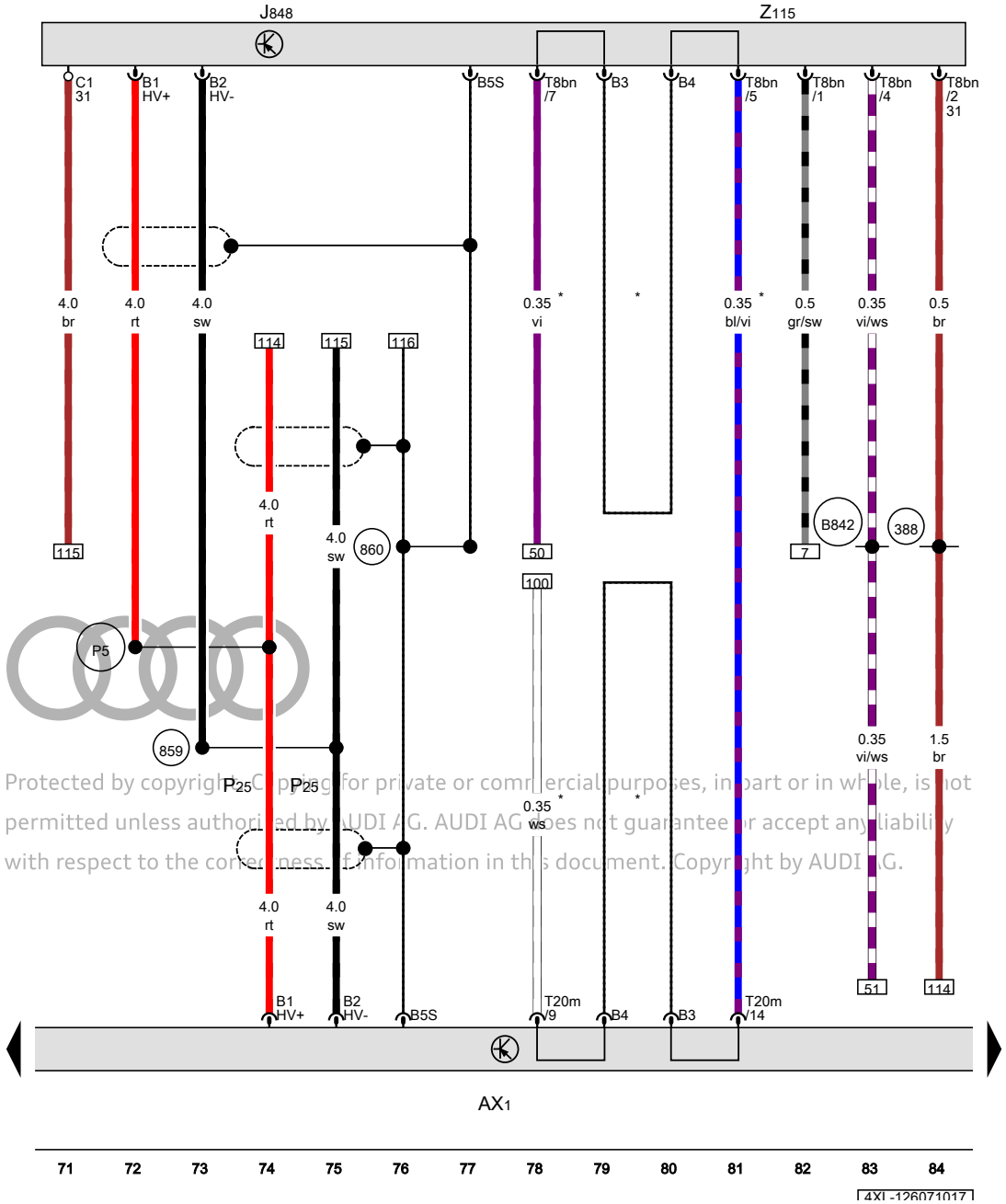


Hybrid battery unit, Power and control electronics for electric drive, Switching unit for high-voltage battery, Terminal 30 wiring junction 2

AX1	Hybrid battery unit
JX1	Power and control electronics for electric drive
J234	Airbag control unit
N563	High-voltage battery isolation igniter
P1	High-voltage wire for hybrid battery, positive terminal
PX1	High-voltage wiring harness for high-voltage battery
P2	High-voltage wire for hybrid battery, negative terminal
SX6	Switching unit for high-voltage battery
S60	Charging unit fuse
S204	Fuse 1 (30)
S350	High-voltage system fuse 1
T3df	3-pin connector, yellow
T14w	14-pin connector, black
T20m	20-pin connector, black
TV22	Terminal 30 wiring junction 2
T100	100-pin connector, black
779	Earth point 1 for power and control electronics for electric drive
*	Push-in bridge

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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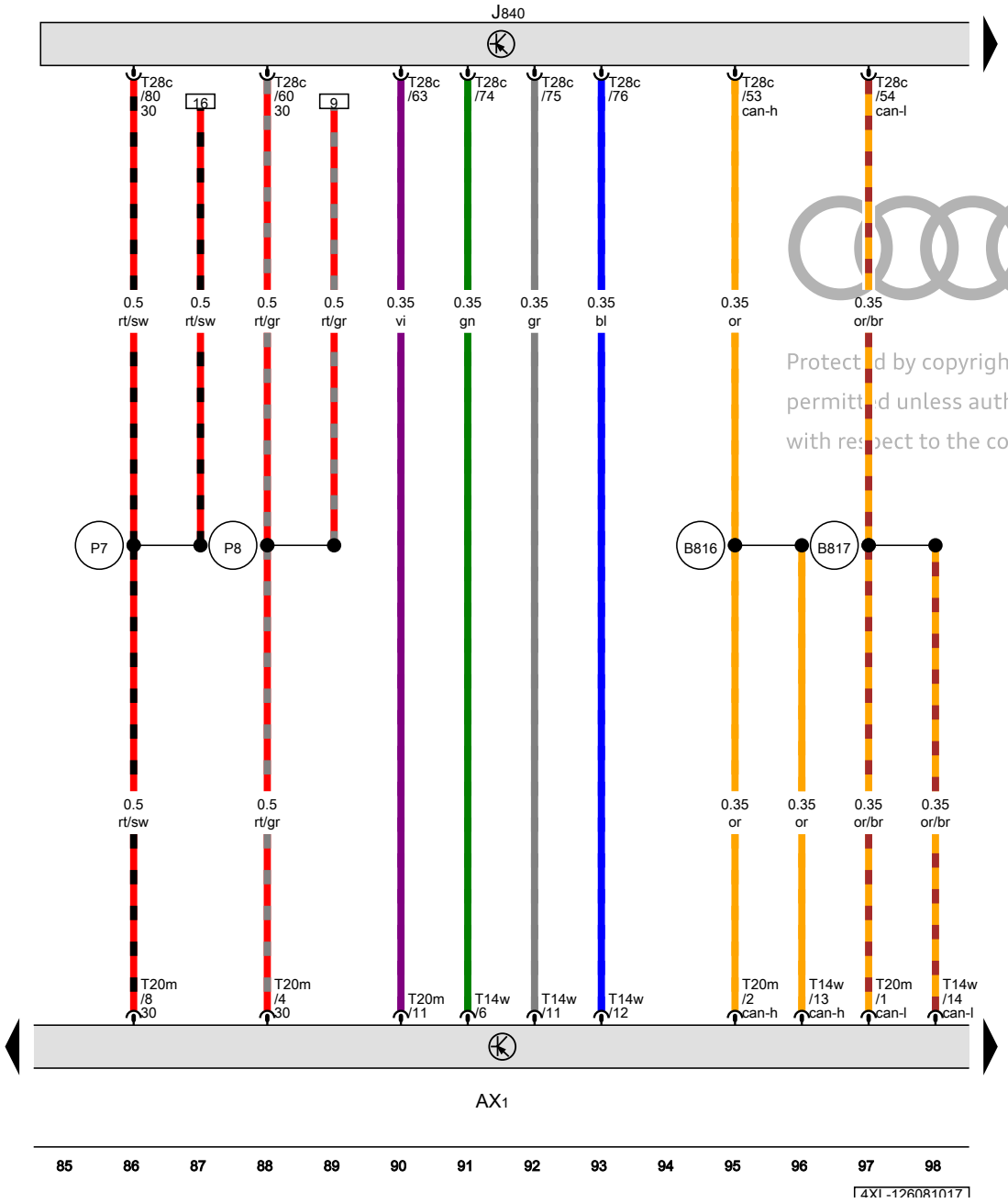
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hybrid battery unit, High-voltage heater (PTC) control unit

AX1	Hybrid battery unit
J848	High-voltage heater (PTC) control unit
P25	High-voltage wire for high-voltage battery charging unit
T8bn	8-pin connector, black
T20m	20-pin connector, black
Z115	High-voltage heater (PTC)
388	Earth connection 23, in main wiring harness
859	Earth connection 1, in high-voltage battery wiring harness
860	Earth connection 2, in high-voltage battery wiring harness
B842	Connection 8 (LIN bus) in main wiring harness
P5	Positive connection 1, in high-voltage battery wiring harness
*	Pilot line

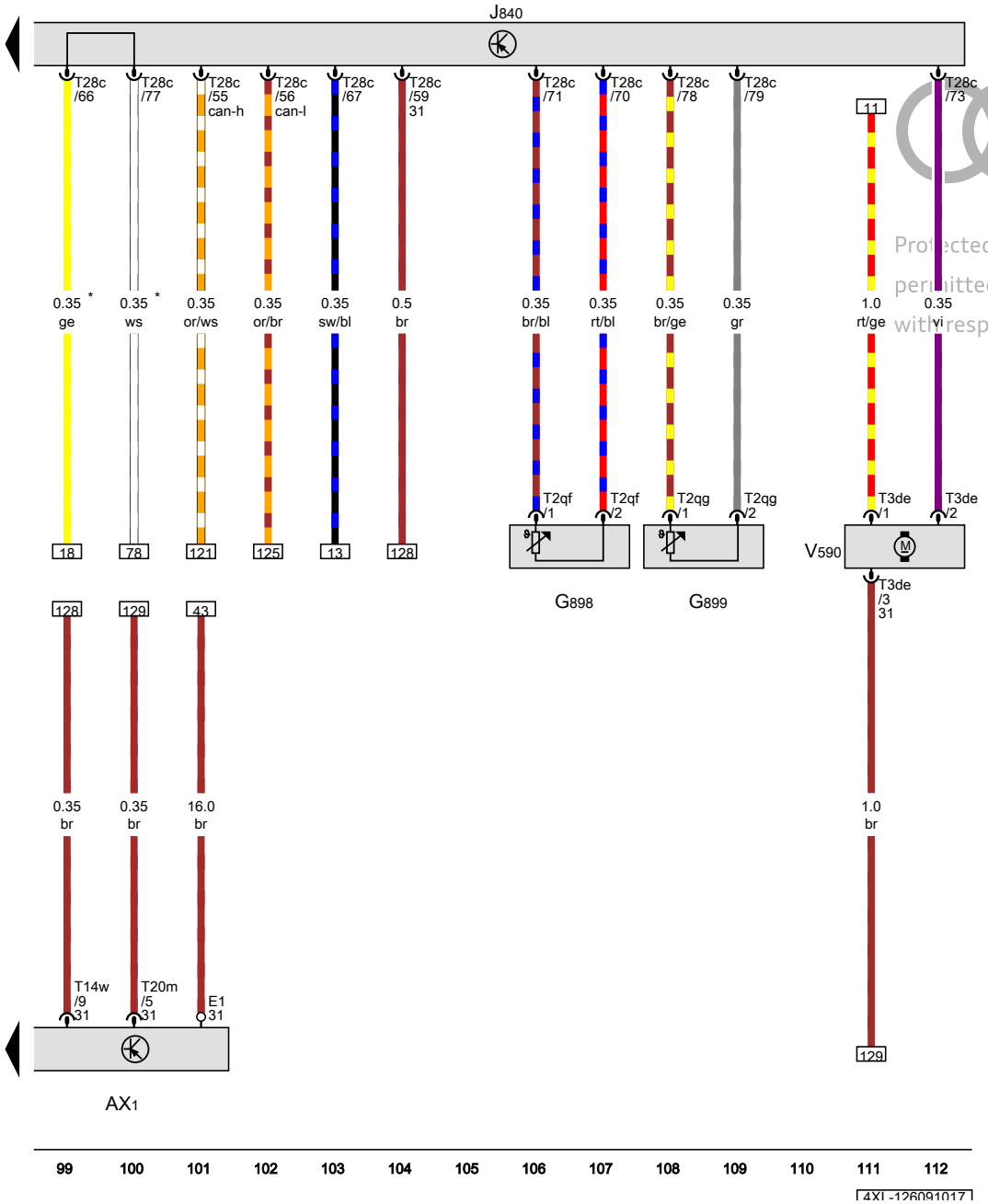
Hybrid battery unit, Battery regulation control unit

AX1	Hybrid battery unit
J840	Battery regulation control unit
T14w	14-pin connector, black
T20m	20-pin connector, black
T28c	28-pin connector, black
B816	Connection 2 (hybrid CAN bus, high) in main wiring harness
B817	Connection 2 (hybrid CAN bus, low) in main wiring harness
P7	Connection 1, in high-voltage battery wiring harness
P8	Connection 2, in high-voltage battery wiring harness



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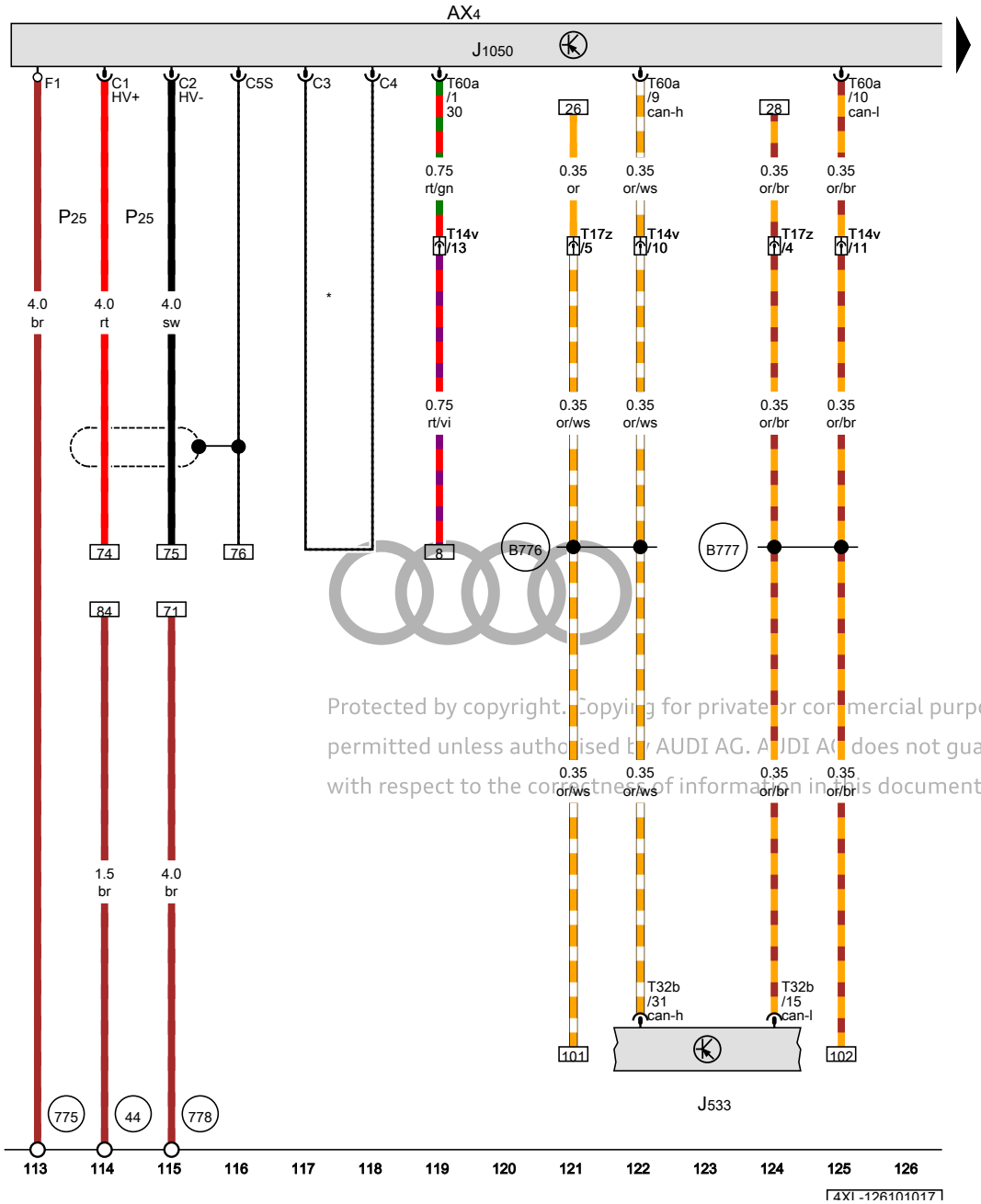


Hybrid battery unit, Coolant temperature sender 1 for high-voltage battery, Coolant temperature sender 2 for high-voltage battery, Battery regulation control unit, Coolant pump for high-voltage battery

AX1	Hybrid battery unit
G898	Coolant temperature sender 1 for high-voltage battery
G899	Coolant temperature sender 2 for high-voltage battery
J840	Battery regulation control unit
T2qf	2-pin connector, black
T2qg	2-pin connector, black
T3de	3-pin connector, black
T14w	14-pin connector, black
T20m	20-pin connector, black
T28c	28-pin connector, black
V590	Coolant pump for high-voltage battery
*	Pilot line

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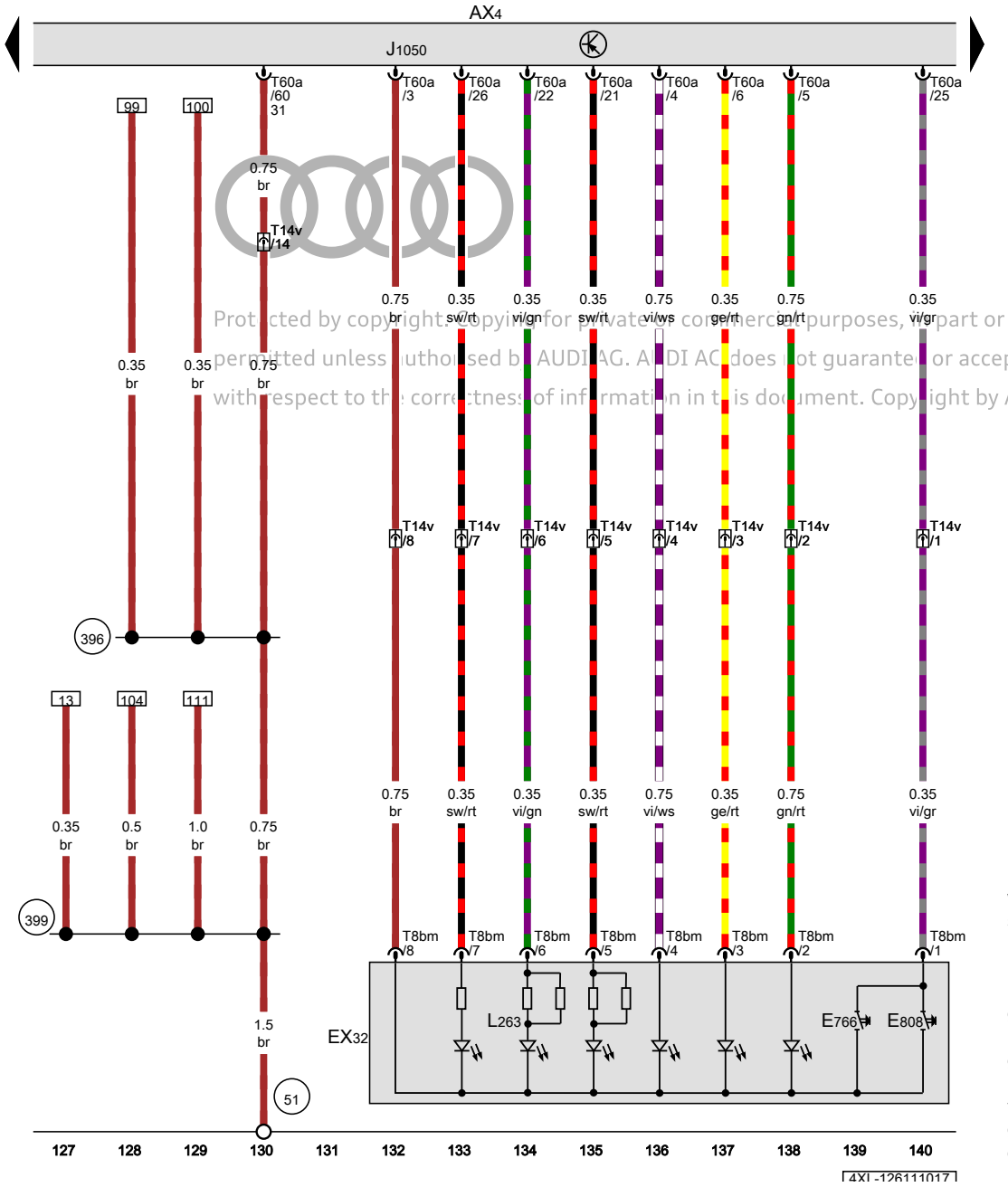
Charging unit 1 for high-voltage battery

AX4	Charging unit 1 for high-voltage battery
J533	Data bus diagnostic interface
J1050	Control unit for high-voltage battery charging unit
P25	High-voltage wire for high-voltage battery charging unit
T14v	14-pin connector, black
T17z	17-pin connector, Coupling station, E-box on left in plenum chamber, brown
T32b	32-pin connector, black
T60a	60-pin connector, black
44	Earth point, lower part of left A-pillar
775	Earth point 3, on right in luggage compartment
778	Earth point for high-voltage heater (PTC)
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
*	Pilot line

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vi	=	purple
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rs	=	pink

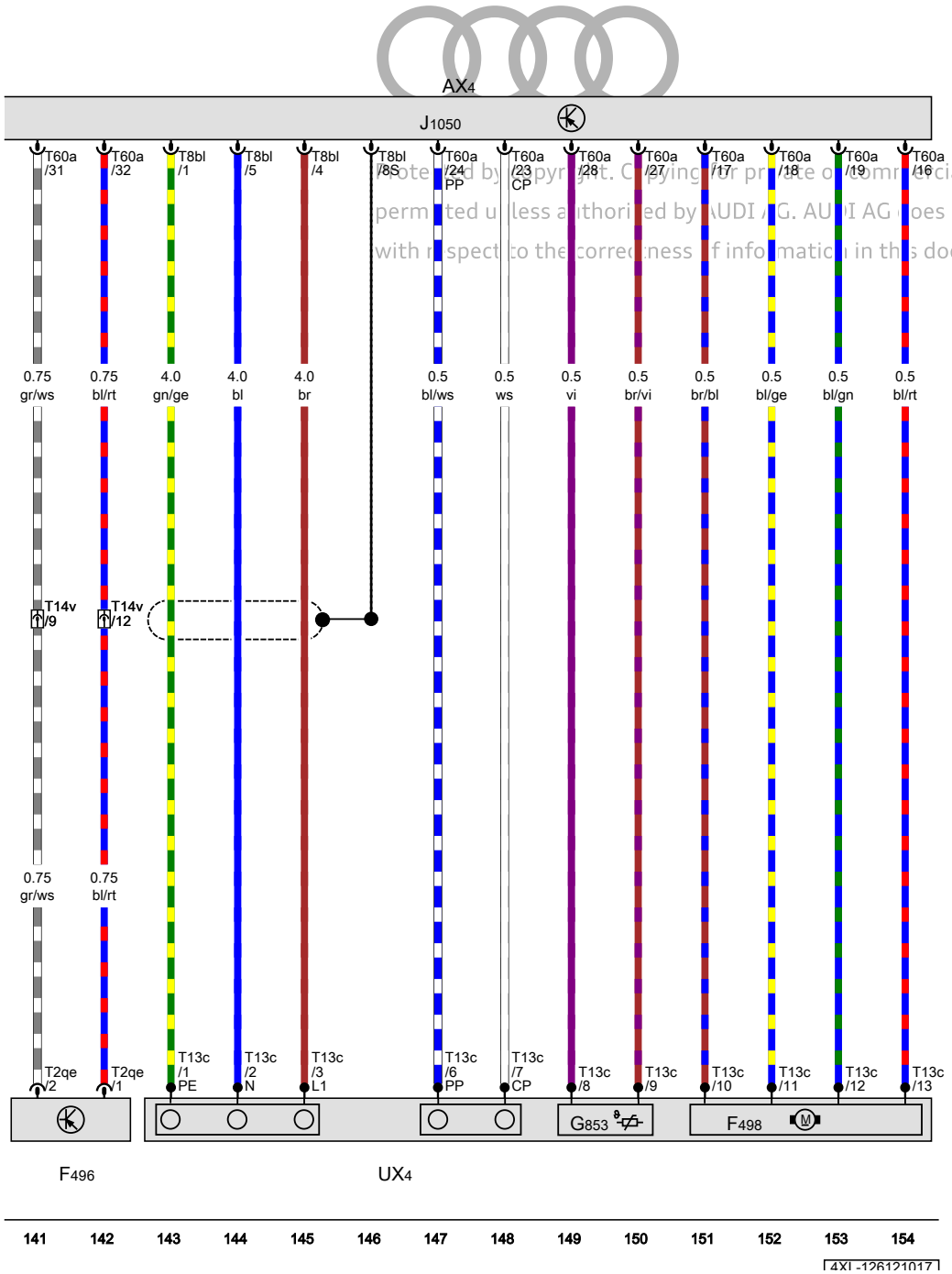
Charging unit 1 for high-voltage battery, Module for battery charge selector buttons

AX4	Charging unit 1 for high-voltage battery
EX32	Module for battery charge selector buttons
E766	Immediate charge button
E808	Charge profile selector button
J1050	Control unit for high-voltage battery charging unit
L263	LED module for charging socket 1
T8bm	8-pin connector, black
T14v	14-pin connector, black
T60a	60-pin connector, black
51	Earth point, on right in luggage compartment
396	Earth connection 31, in main wiring harness
399	Earth connection 34, in main wiring harness



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rs	=	pink



Charging unit 1 for high-voltage battery, Actuator for high-voltage charging flap lock 1, Actuator for high-voltage charging socket lock 1, Temperature sender for charging socket 1, High-voltage battery charging socket 1

AX4	Charging unit 1 for high-voltage battery
F496	Actuator for high-voltage charging flap lock 1
F498	Actuator for high-voltage charging socket lock 1
G853	Temperature sender for charging socket 1
J1050	Control unit for high-voltage battery charging unit
T2qe	2-pin connector, black
T8bl	8-pin connector, orange
T13c	13-pin connector
T14v	14-pin connector, black
T60a	60-pin connector, black
UX4	High-voltage battery charging socket 1

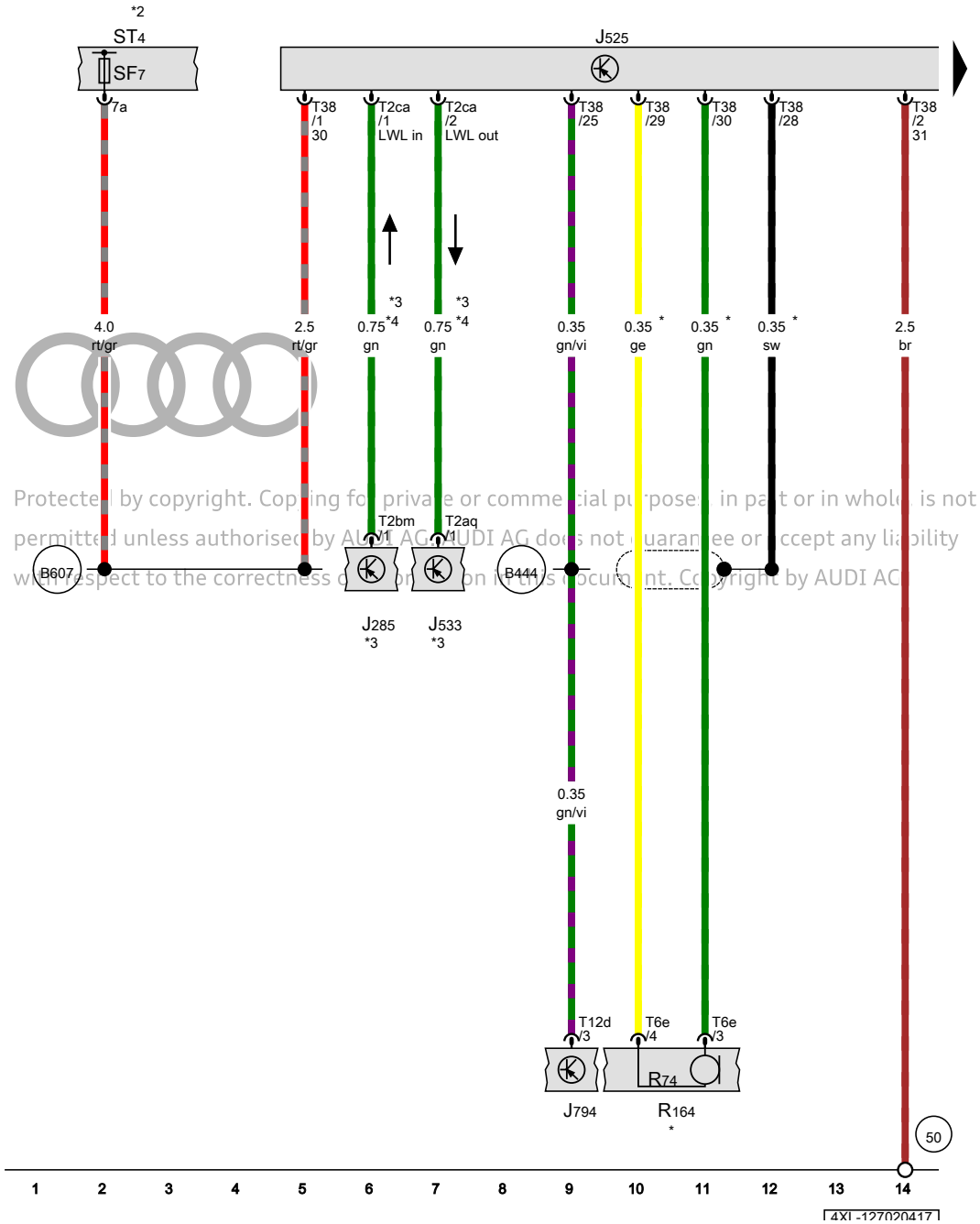
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rs	=	pink

Sound system , (8DN),(8DP),(8DS),(8RY),(9VD),(EP1)

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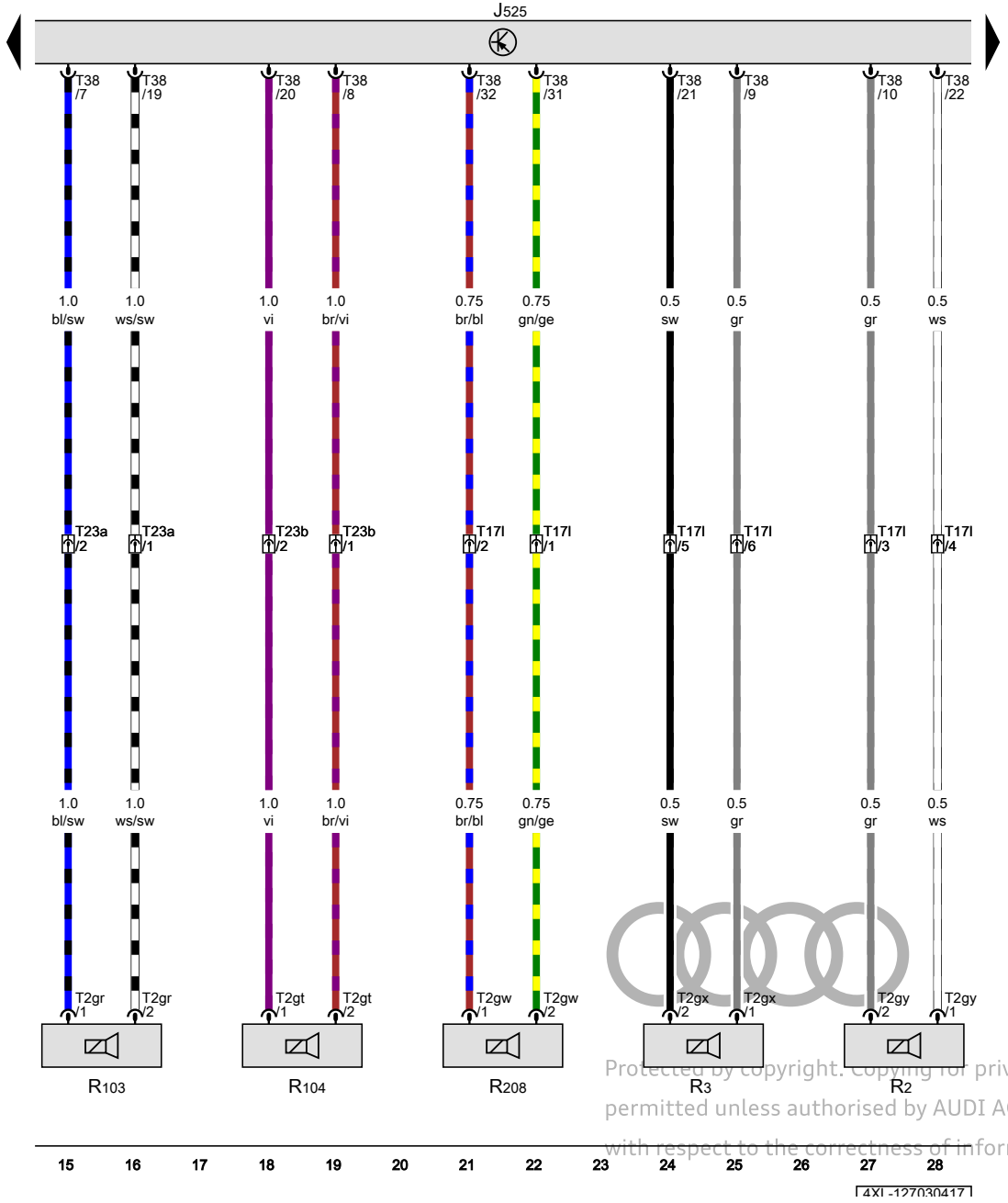


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Digital sound package control unit, Control unit 1 for information electronics, Microphone unit in front roof module

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R164	Microphone unit in front roof module
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2bm	2-pin connector
T2ca	2-pin connector
T6e	6-pin connector
T12d	12-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	Only models with BOSE sound system
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for data bus network
*4	Fibre optic cable (FOC)



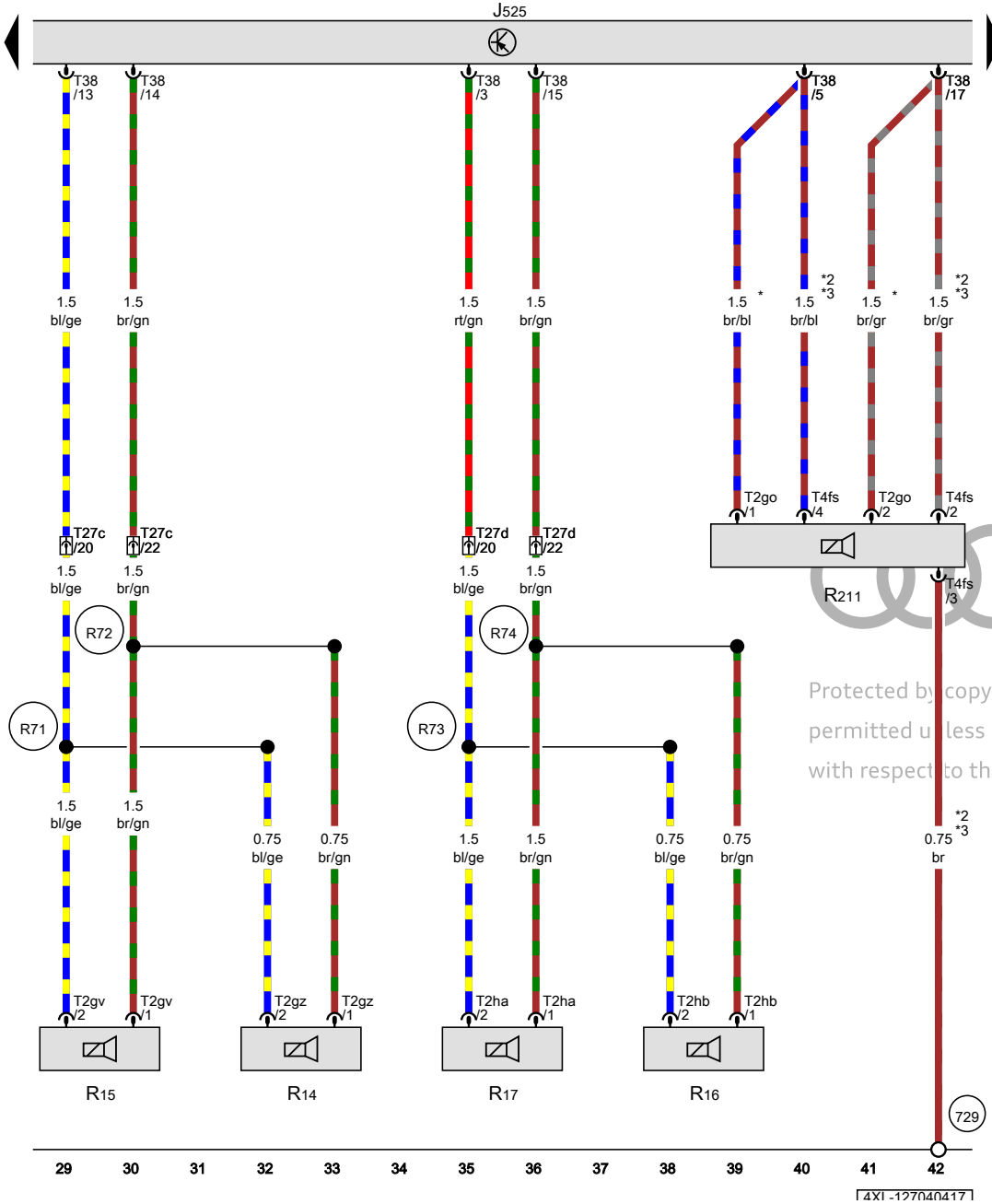
Digital sound package control unit, Front left loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector

ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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Digital sound package control unit, Rear left treble loudspeaker, Rear right bass loudspeaker

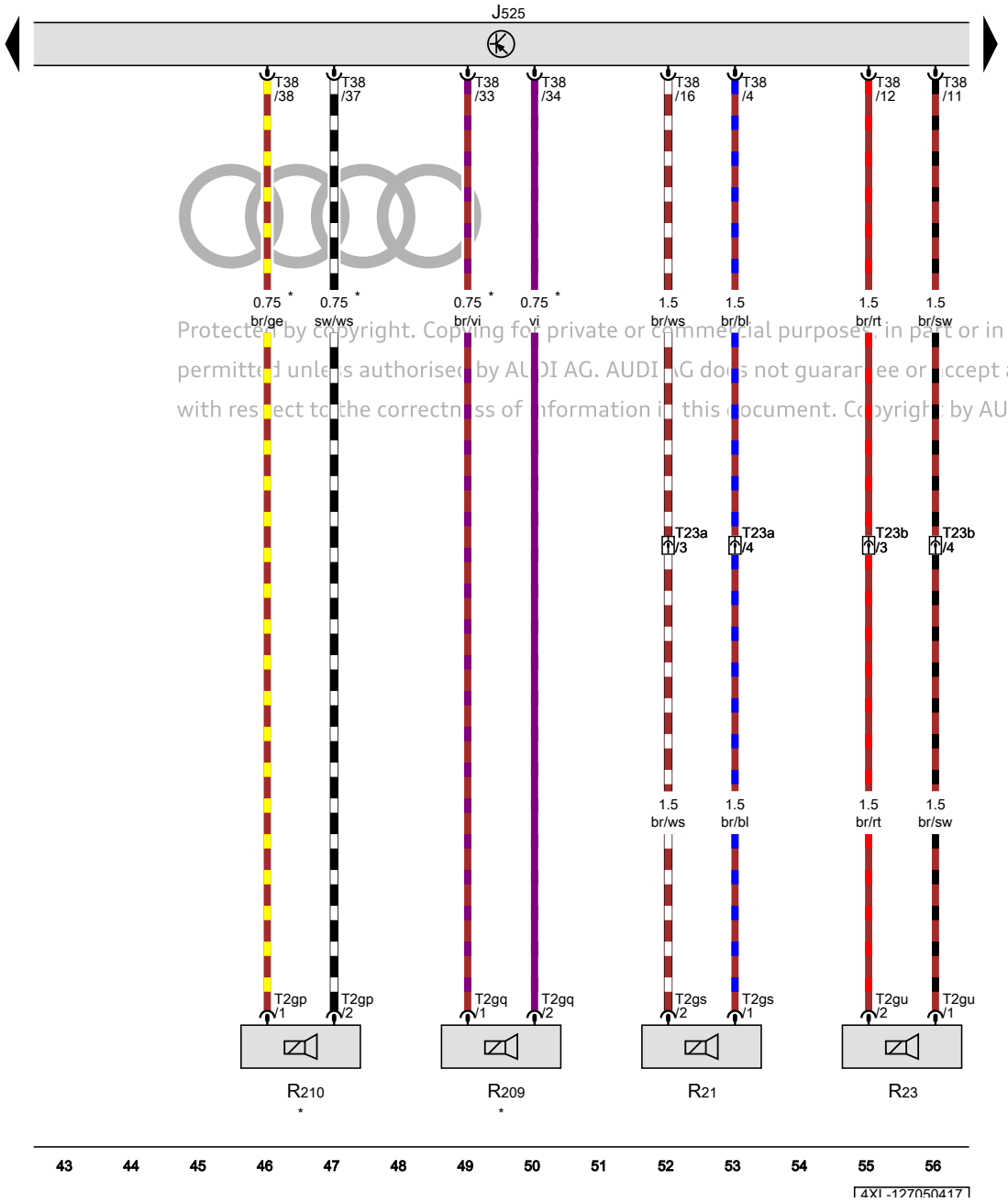


J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T4fs	4-pin connector
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T38	38-pin connector
729	Earth point, on left rear wheel housing
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Avant
*2	Saloon
*3	Only models with BOSE sound system

ws	=	white
sw	=	black
ro	=	red
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Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker



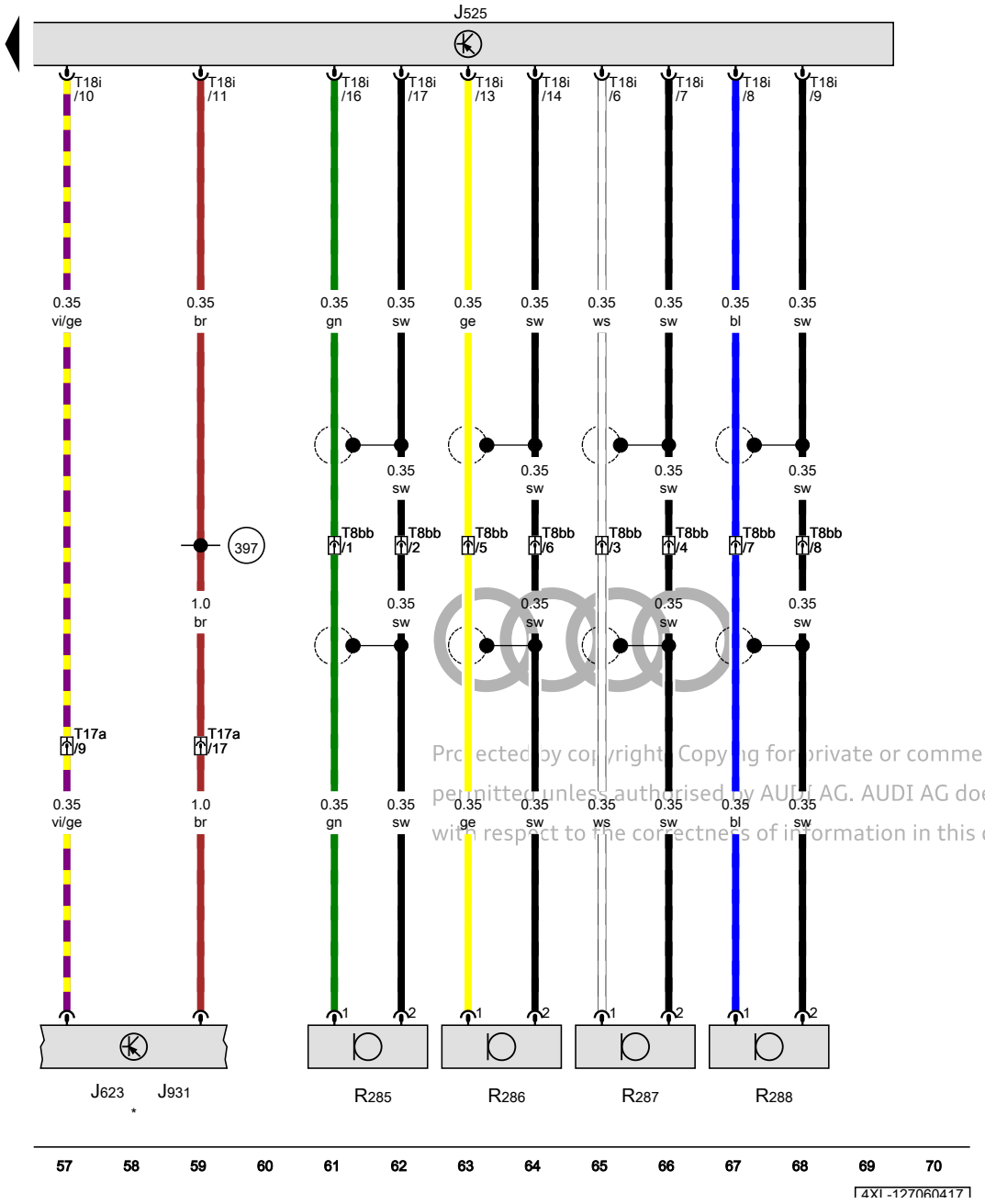
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ge	=	yellow
or	=	orange
rs	=	pink

J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector
*	Only models with BOSE sound system

Digital sound package control unit, Noise cancellation microphone 1, Noise cancellation microphone 3

J525	Digital sound package control unit
J623	Engine control unit
J931	Power unit mounting control unit
R285	Noise cancellation microphone 1
R286	Noise cancellation microphone 2
R287	Noise cancellation microphone 3
R288	Noise cancellation microphone 4
T8bb	8-pin connector, on left C-pillar
T17a	17-pin connector, Coupling station, E-box on left in plenum chamber, white
T18i	18-pin connector
397	Earth connection 32, in main wiring harness
*	see applicable current flow diagram for engine



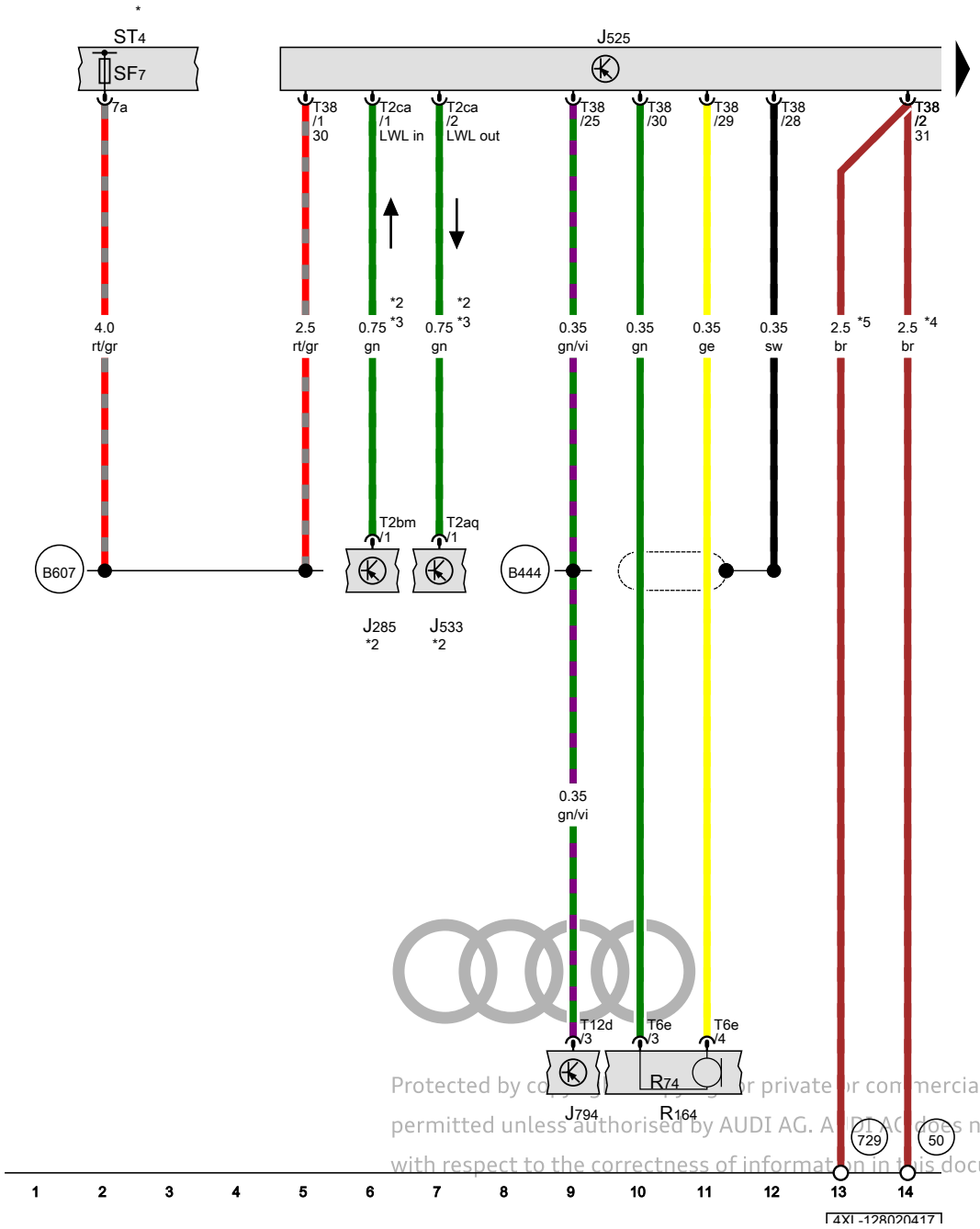
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Sound system , (8RY),(I8H),(EP0)

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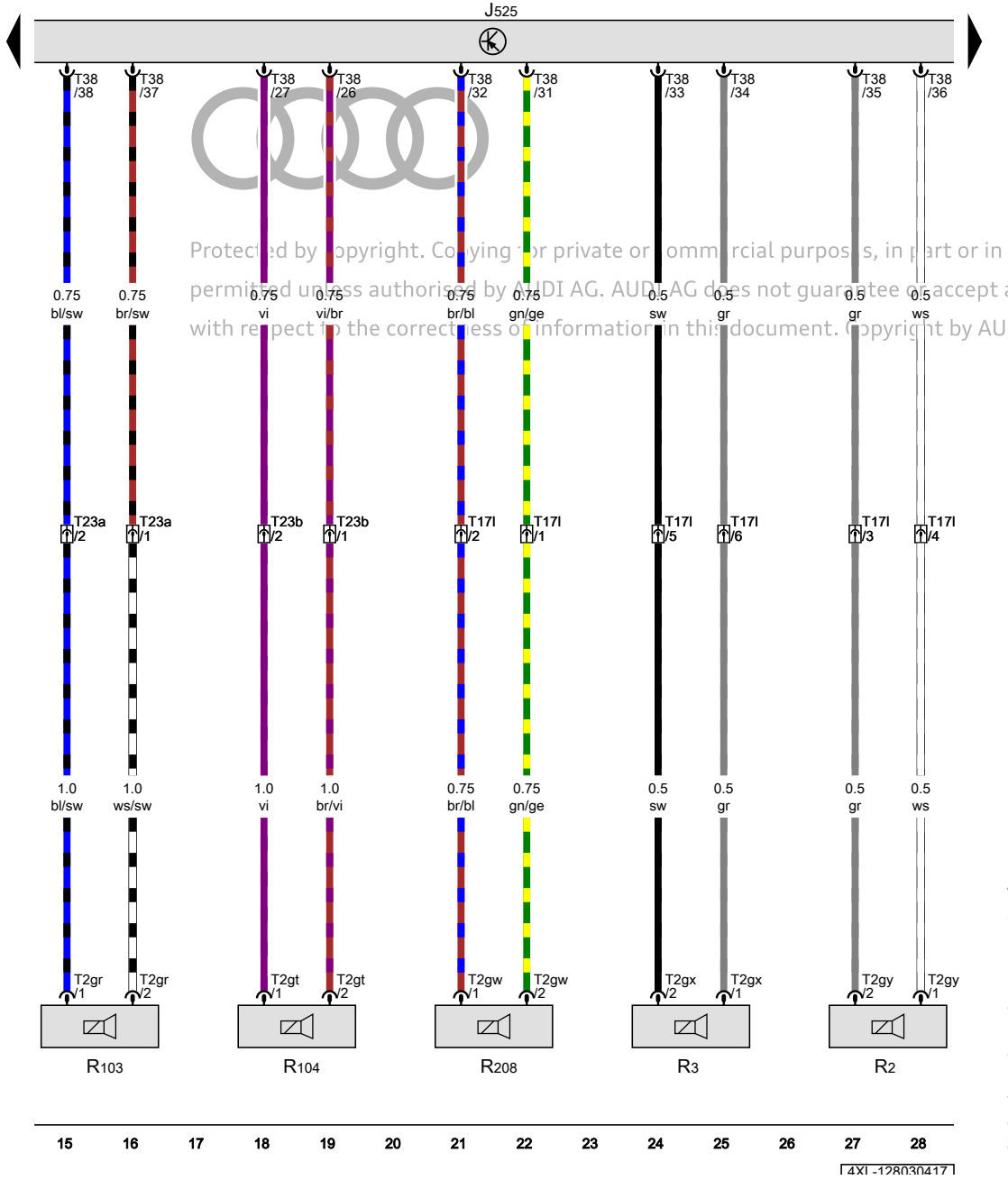
Digital sound package control unit, Control unit 1 for information electronics, Microphone unit in front roof module

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R164	Microphone unit in front roof module
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2bm	2-pin connector
T2ca	2-pin connector
T6e	6-pin connector
T12d	12-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
729	Earth point, on left rear wheel housing
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)
*4	Saloon
*5	Avant

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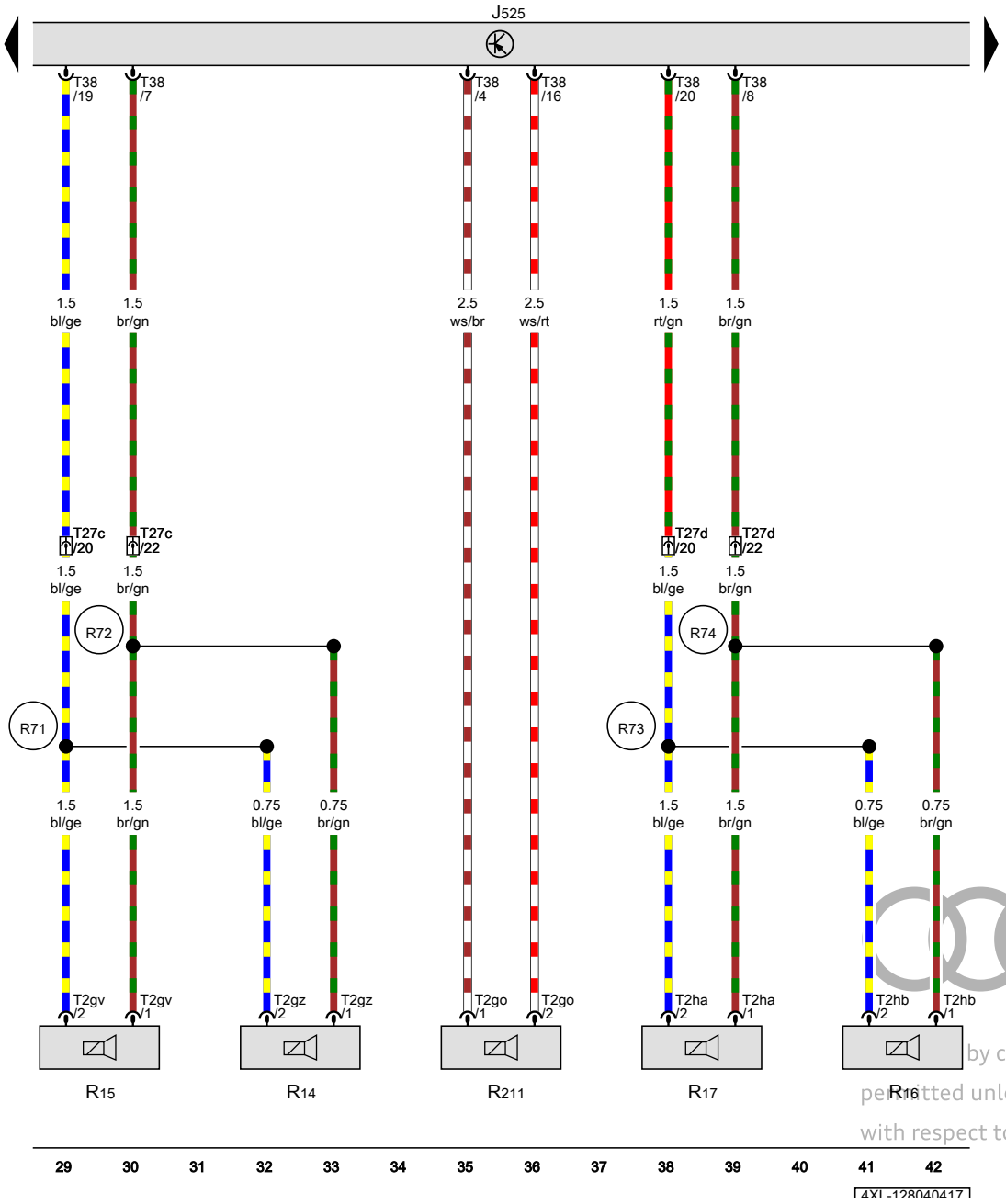
Digital sound package control unit, Front left loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker



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J525	Digital sound package control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector

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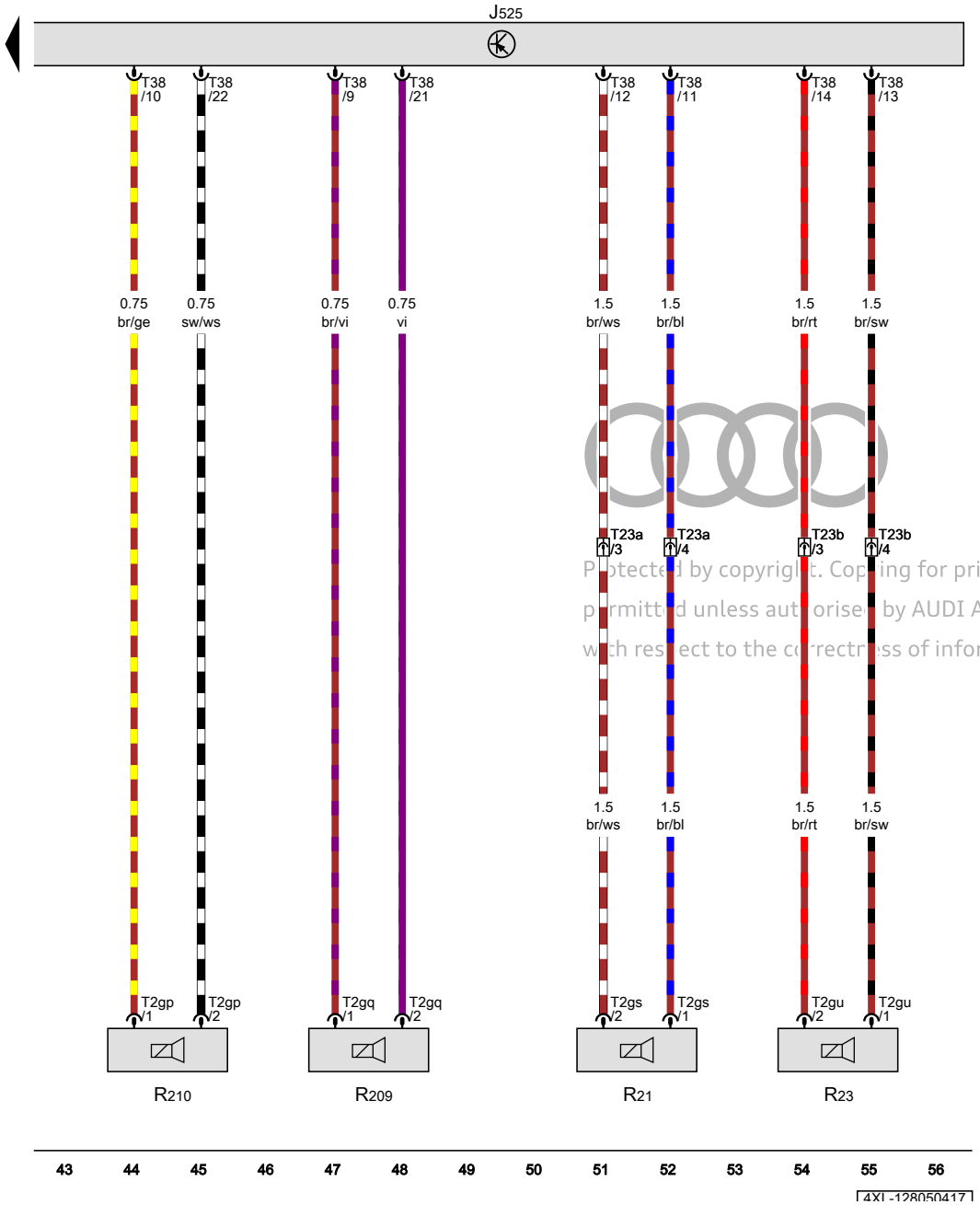
Digital sound package control unit, Rear left treble loudspeaker, Rear right bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T38	38-pin connector
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

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Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker



J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector

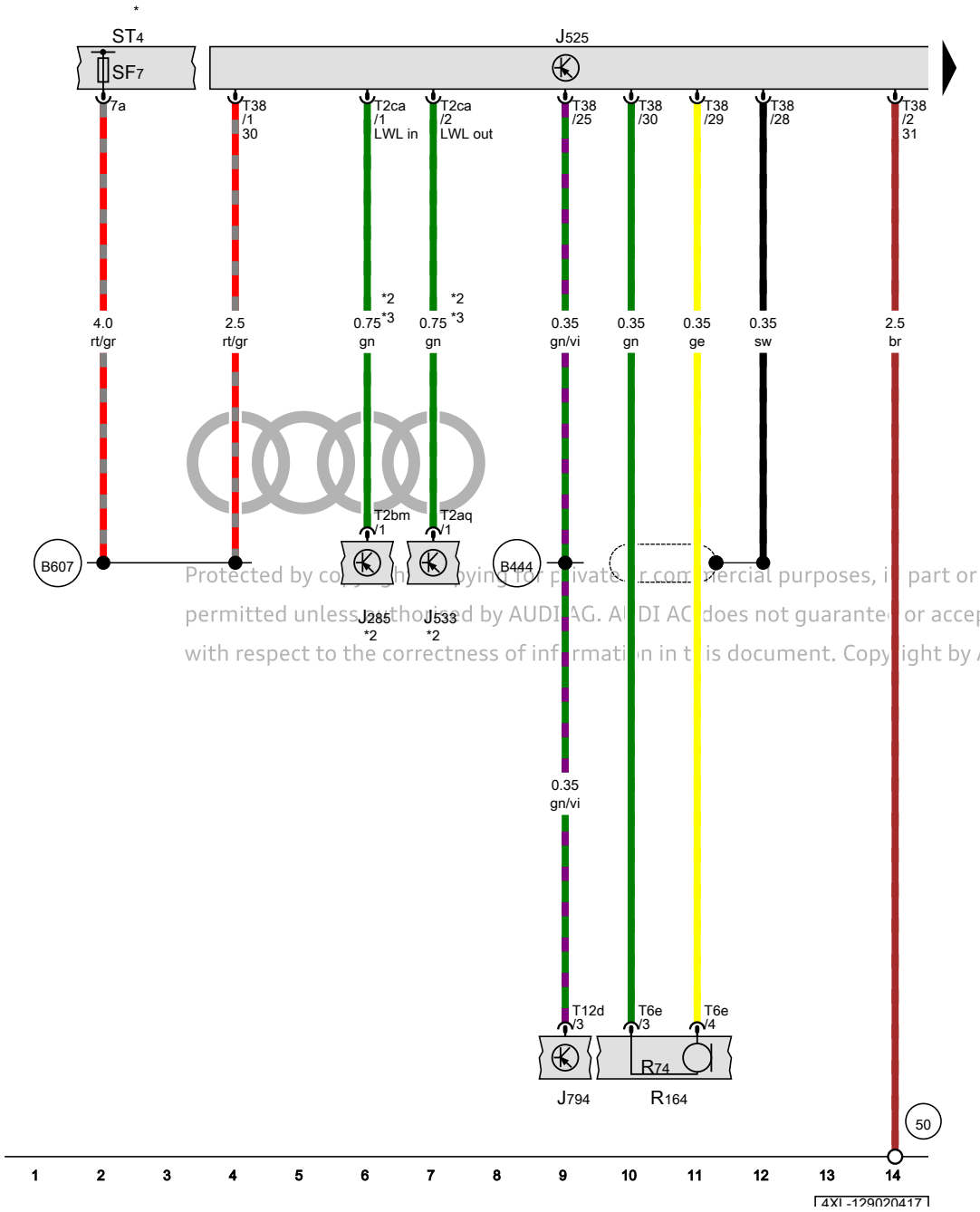
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Sound system , (8DN),(8DP),(8DS),(8RY),(EP0)

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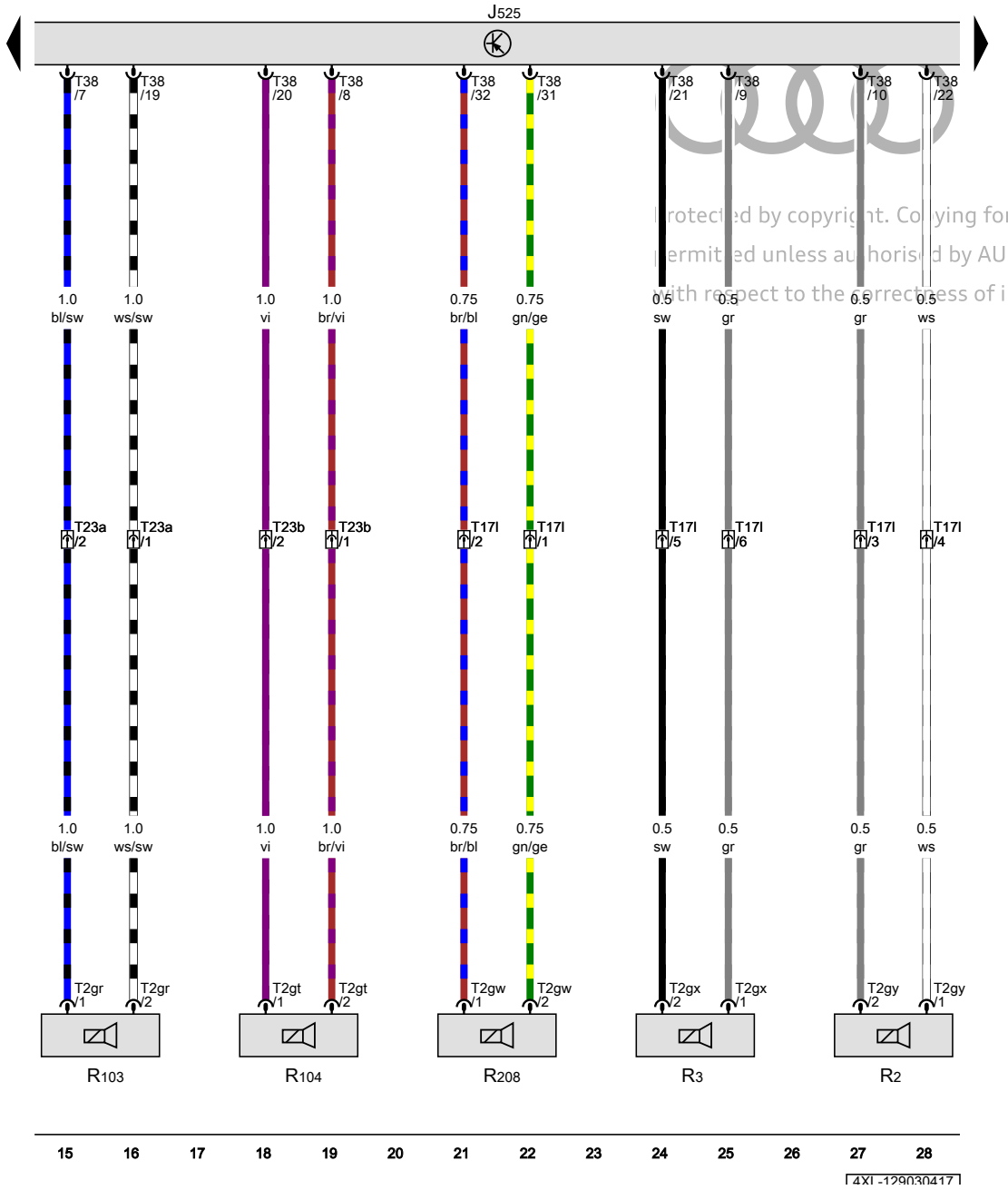


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Digital sound package control unit, Control unit 1 for information electronics, Microphone unit in front roof module

J285	Control unit in dash panel insert
J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R74	Internal microphone
R164	Microphone unit in front roof module
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2bm	2-pin connector
T2ca	2-pin connector
T6e	6-pin connector
T12d	12-pin connector
T38	38-pin connector
50	Earth point, on left in luggage compartment
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)

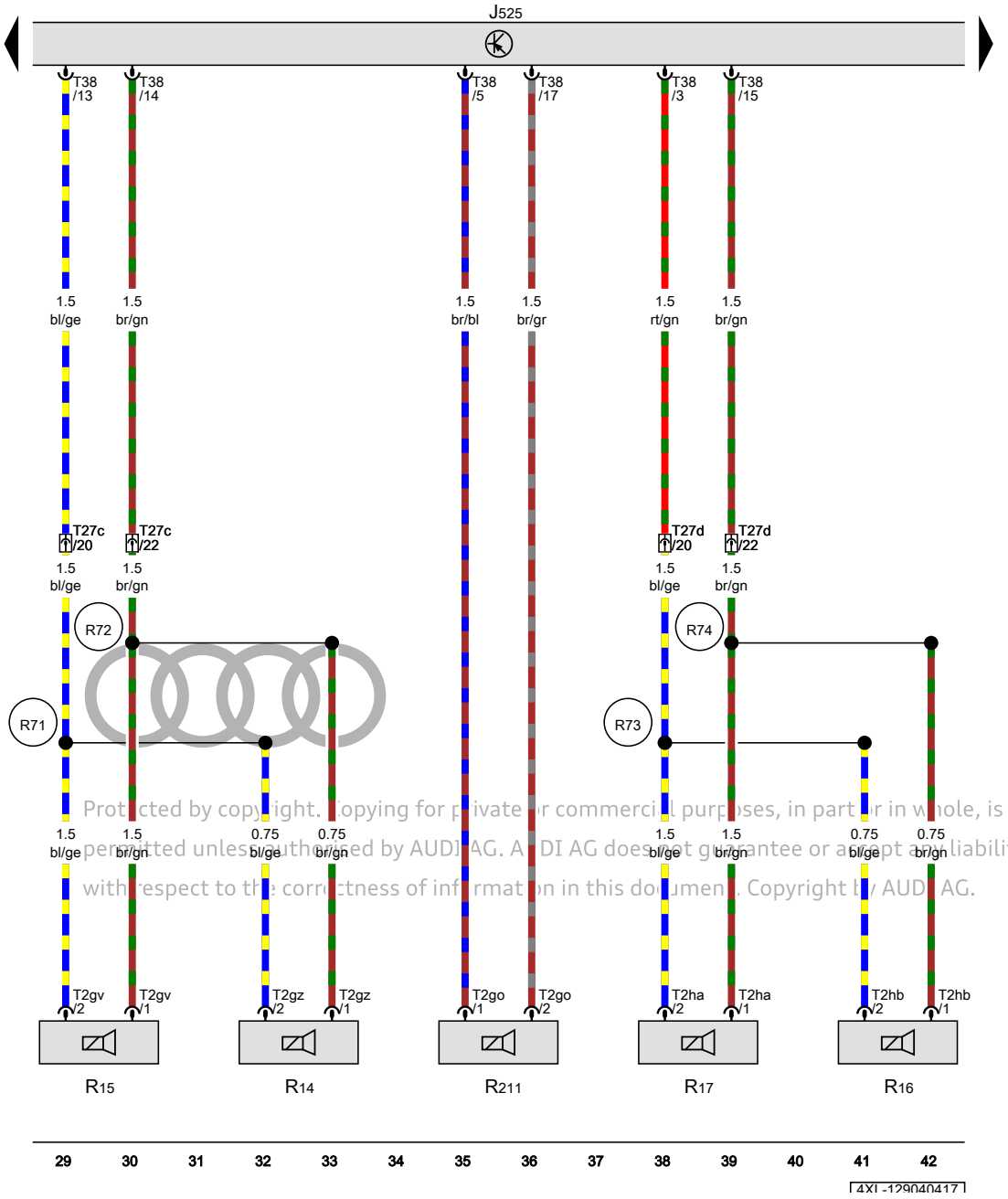


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Digital sound package control unit, Front left loudspeaker, Front right mid-range loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R2	Front left loudspeaker
R3	Front right loudspeaker
R103	Front left mid-range loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T2gr	2-pin connector
T2gt	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



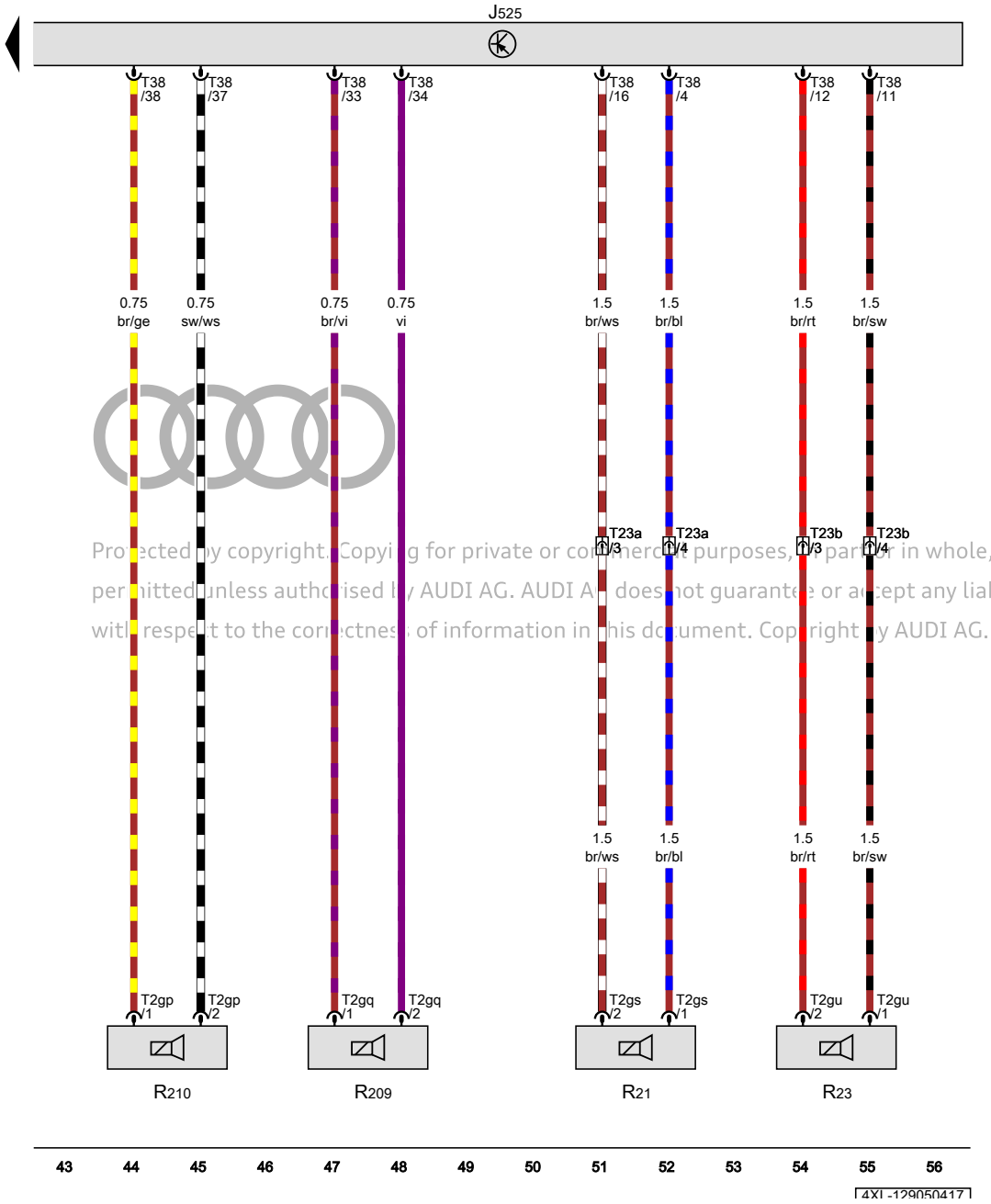
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vi = purple
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or = orange
rs = pink

Digital sound package control unit, Rear left treble loudspeaker, Rear right bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
T38	38-pin connector
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

Digital sound package control unit, Front left bass loudspeaker, Front right bass loudspeaker, Right effect loudspeaker



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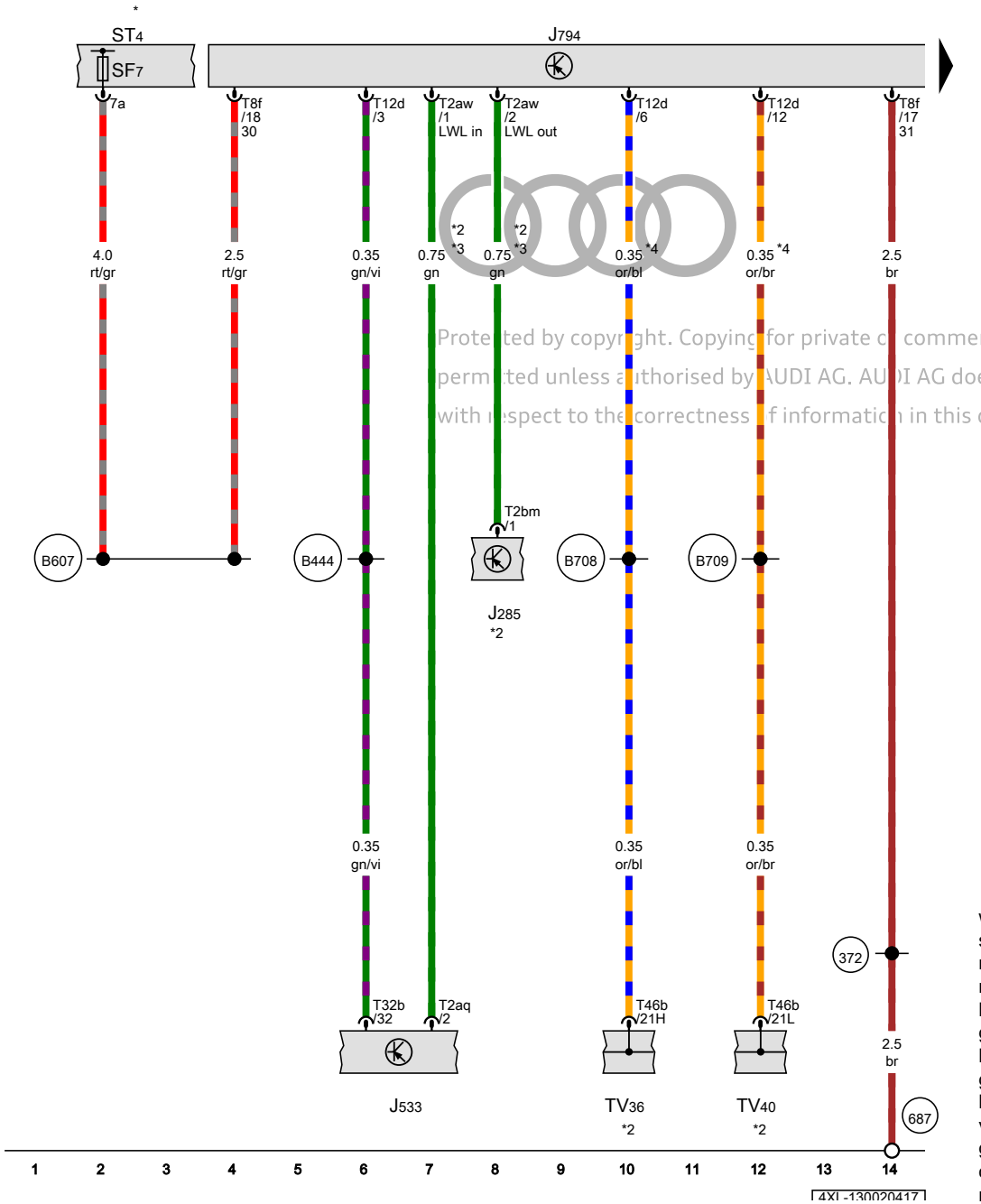
J525	Digital sound package control unit
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R209	Left effect loudspeaker
R210	Right effect loudspeaker
T2gp	2-pin connector
T2gq	2-pin connector
T2gs	2-pin connector
T2gu	2-pin connector
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
T38	38-pin connector

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rt	=	red
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gn	=	green
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gr	=	grey
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or	=	orange
rs	=	pink

Sound system , (8RX),(9VD),(EP0)

From September 2014

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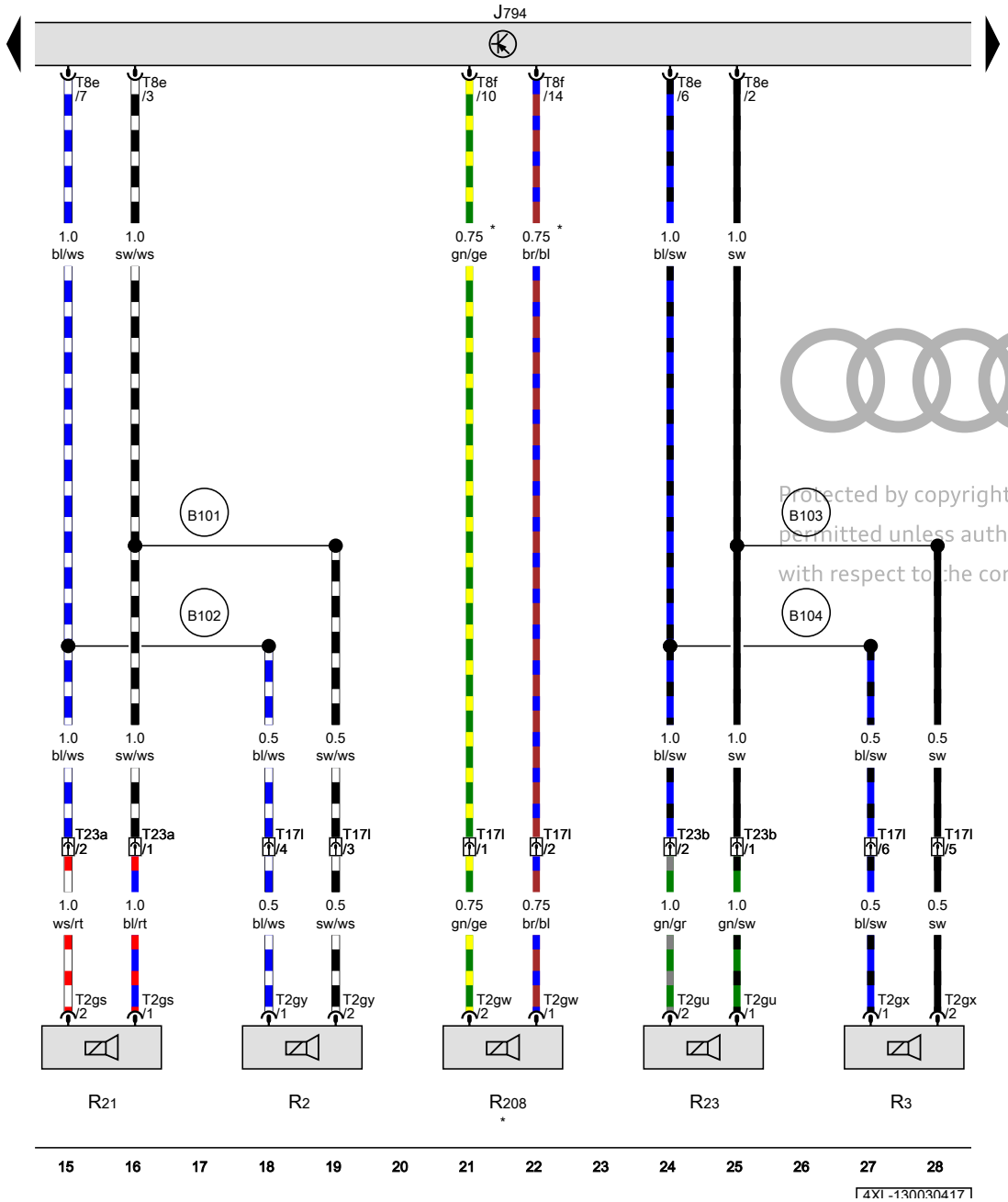


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Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector
T2bm	2-pin connector
T8f	8-pin connector
T12d	12-pin connector
T32b	32-pin connector, black
T46b	46-pin connector
TV36	Wiring junction for dash panel insert CAN bus, high
TV40	Wiring junction for dash panel insert CAN bus, low
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for data bus network
*3	Fibre optic cable (FOC)
*4	Data bus wire (CAN bus)

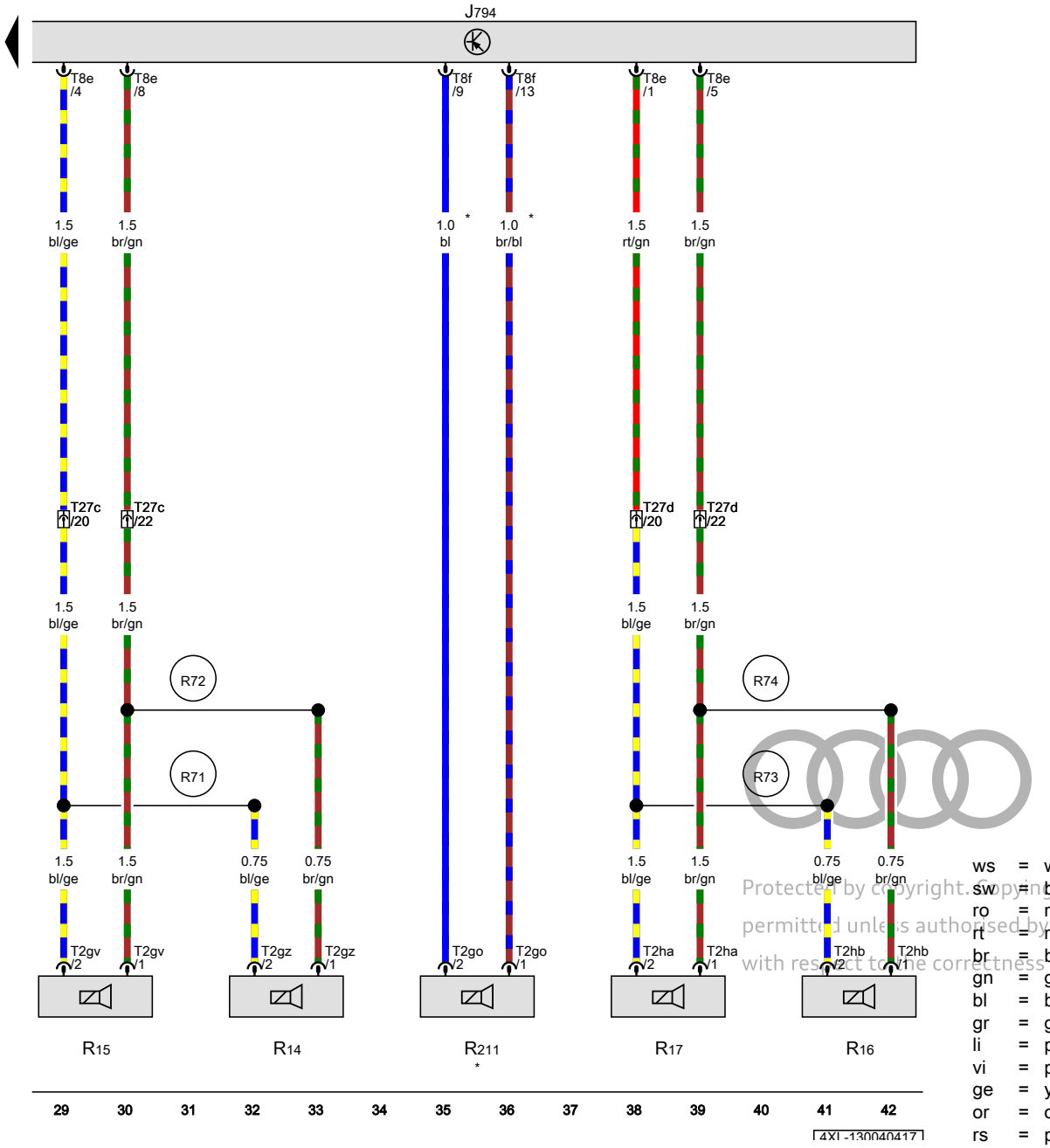


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Control unit 1 for information electronics, Front left loudspeaker, Front right loudspeaker, Front left bass loudspeaker, Front right bass loudspeaker, Centre loudspeaker

J794	Control unit 1 for information electronics
R2	Front left loudspeaker
R3	Front right loudspeaker
R21	Front left bass loudspeaker
R23	Front right bass loudspeaker
R208	Centre loudspeaker
T2gs	2-pin connector
T2gu	2-pin connector
T2gw	2-pin connector
T2gx	2-pin connector
T2gy	2-pin connector
T8e	8-pin connector
T8f	8-pin connector
T17l	17-pin connector, in left A-pillar coupling station, grey
T23a	23-pin connector, on left A-pillar, black
T23b	23-pin connector, on right A-pillar, black
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	Only models with Standard sound system

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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Subwoofer

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R211	Subwoofer
T2go	2-pin connector
T2gv	2-pin connector
T2gz	2-pin connector
T2ha	2-pin connector
T2hb	2-pin connector
T8e	8-pin connector
T8f	8-pin connector
T27c	27-pin connector, on left B-pillar, black
T27d	27-pin connector, on right B-pillar, black
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with Standard sound system

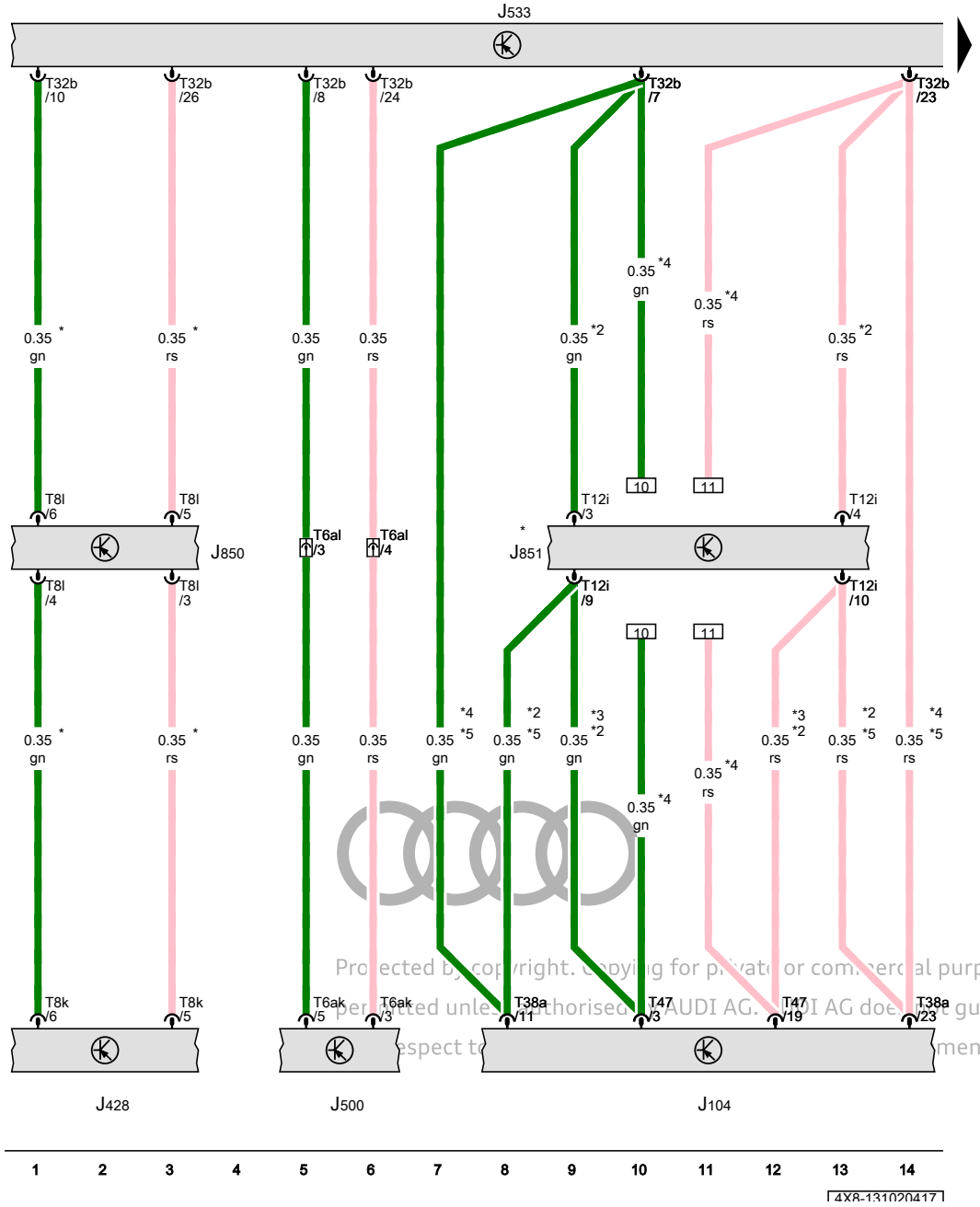
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Data bus network (FlexRay bus)

From January 2011

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ABS control unit, Power steering control unit, Data bus diagnostic interface

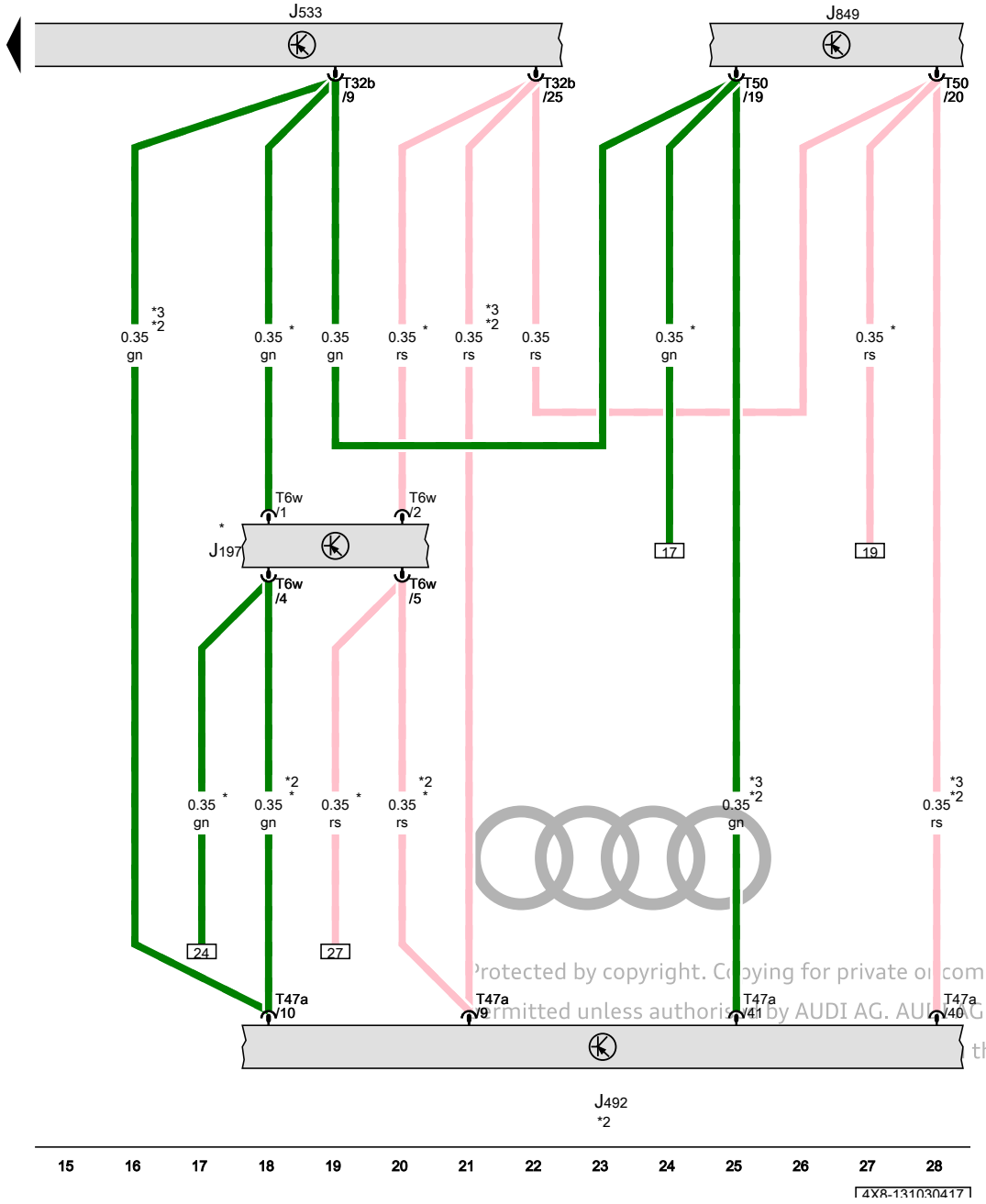
J104	ABS control unit
J428	Adaptive cruise control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
J850	Control unit 2 for adaptive cruise control
J851	Image processing control unit
T6ak	6-pin connector, black
T6al	6-pin connector, on front left on vehicle floor, black
T8k	8-pin connector, black
T8l	8-pin connector, black
T12i	12-pin connector, black
T32b	32-pin connector, black
T38a	38-pin connector, black
T47	47-pin connector, black
*	Only models with adaptive cruise control (ACC)
*2	Only for driver assist systems
*3	Up to June 2014
*4	Not for models with driver assistance system
*5	From June 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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All-wheel drive control unit, Data bus diagnostic interface, Control unit for sensor electronics

J197	Adaptive suspension control unit
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J849	Control unit for sensor electronics
T6w	6-pin connector, blue
T32b	32-pin connector, black
T47a	47-pin connector, black
T50	50-pin connector, yellow
*	Only models with adaptive suspension
*2	Only models with rear final drive - sport differential
*3	Only models with no adaptive suspension



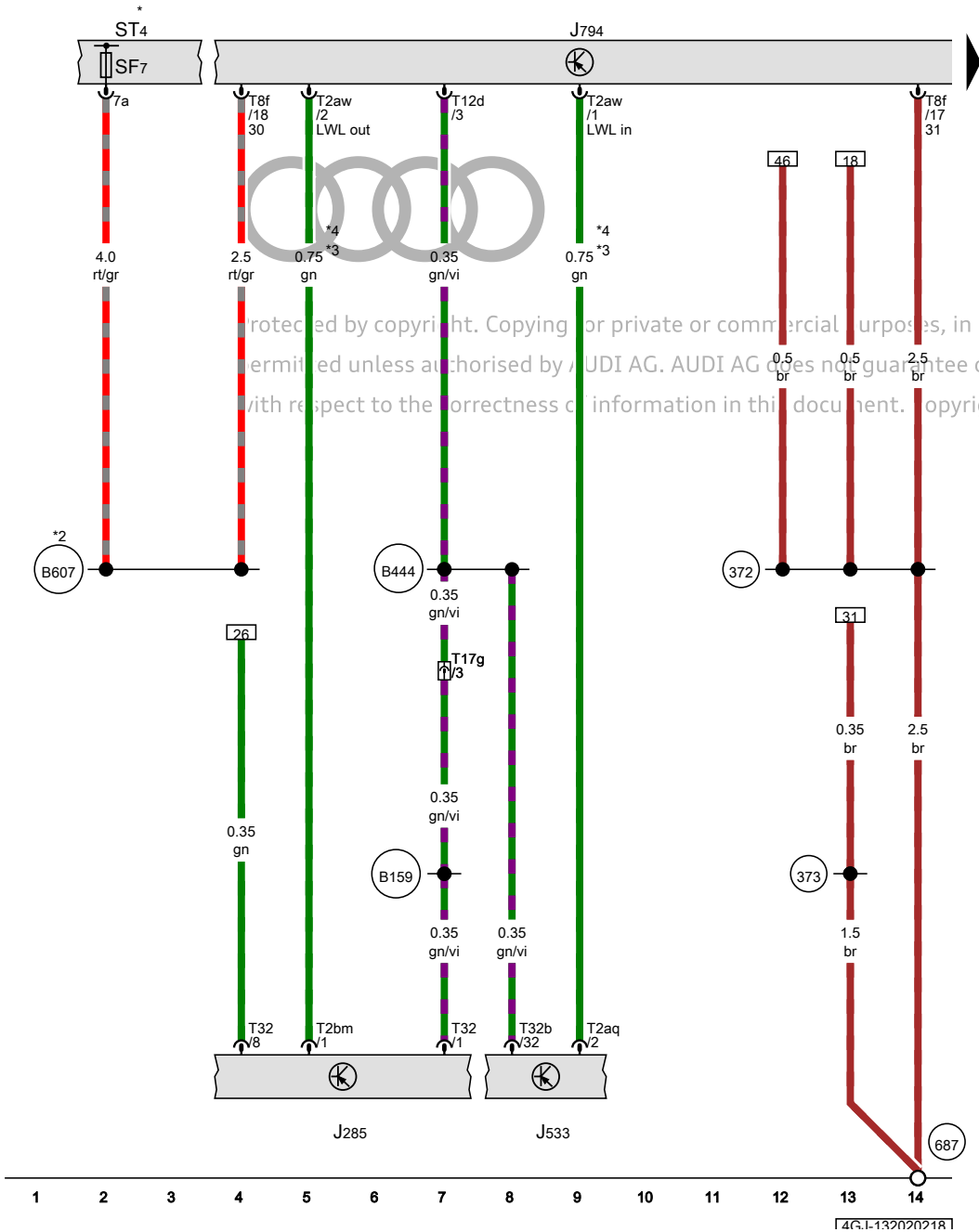
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Mobile telephone systems , (9ZC)

From September 2014

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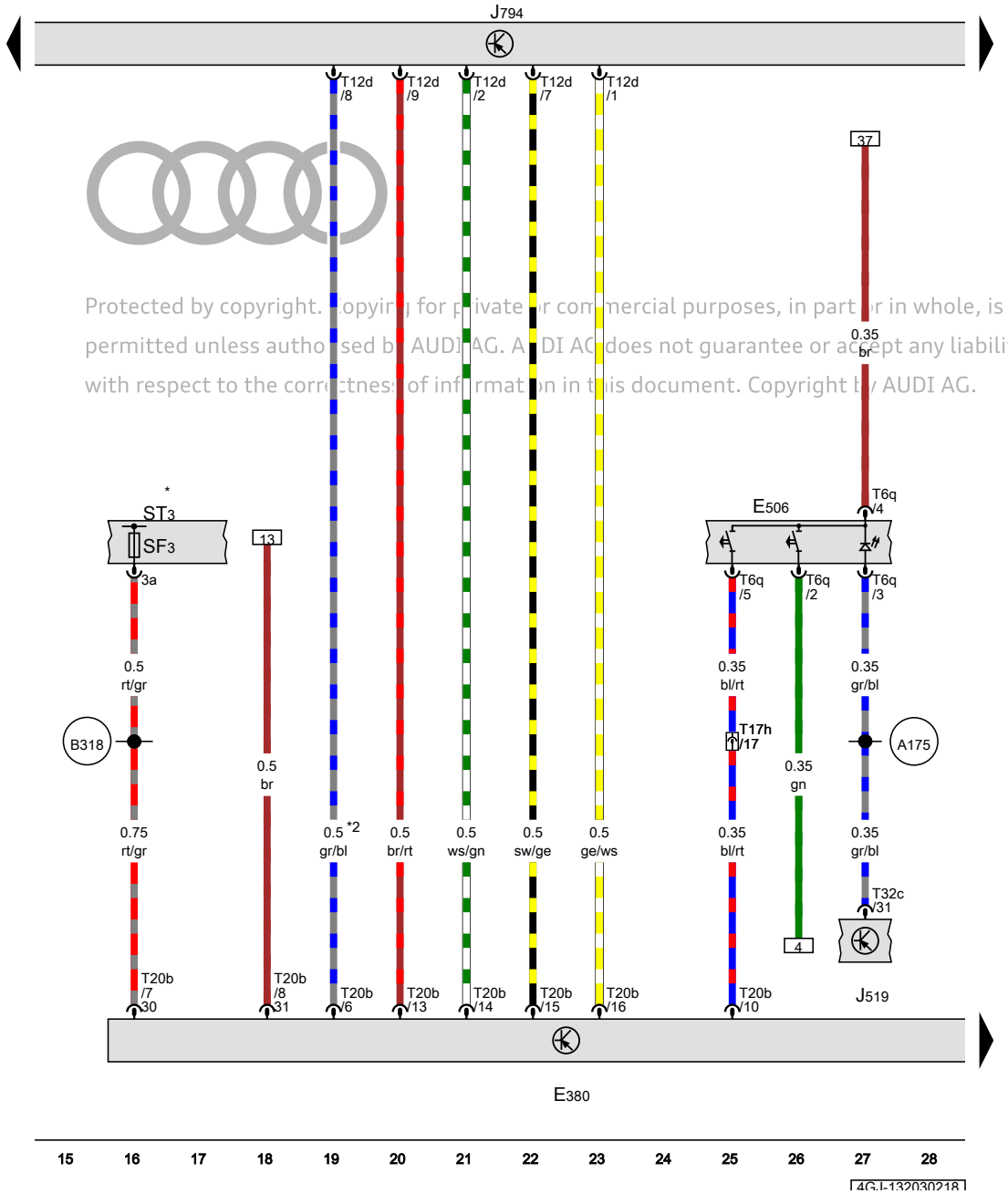


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Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector, black
T2bm	2-pin connector
T8f	8-pin connector, black
T12d	12-pin connector, grey
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
T32b	32-pin connector, black
372	Earth connection 7, in main wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For models with no noise cancellation
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network

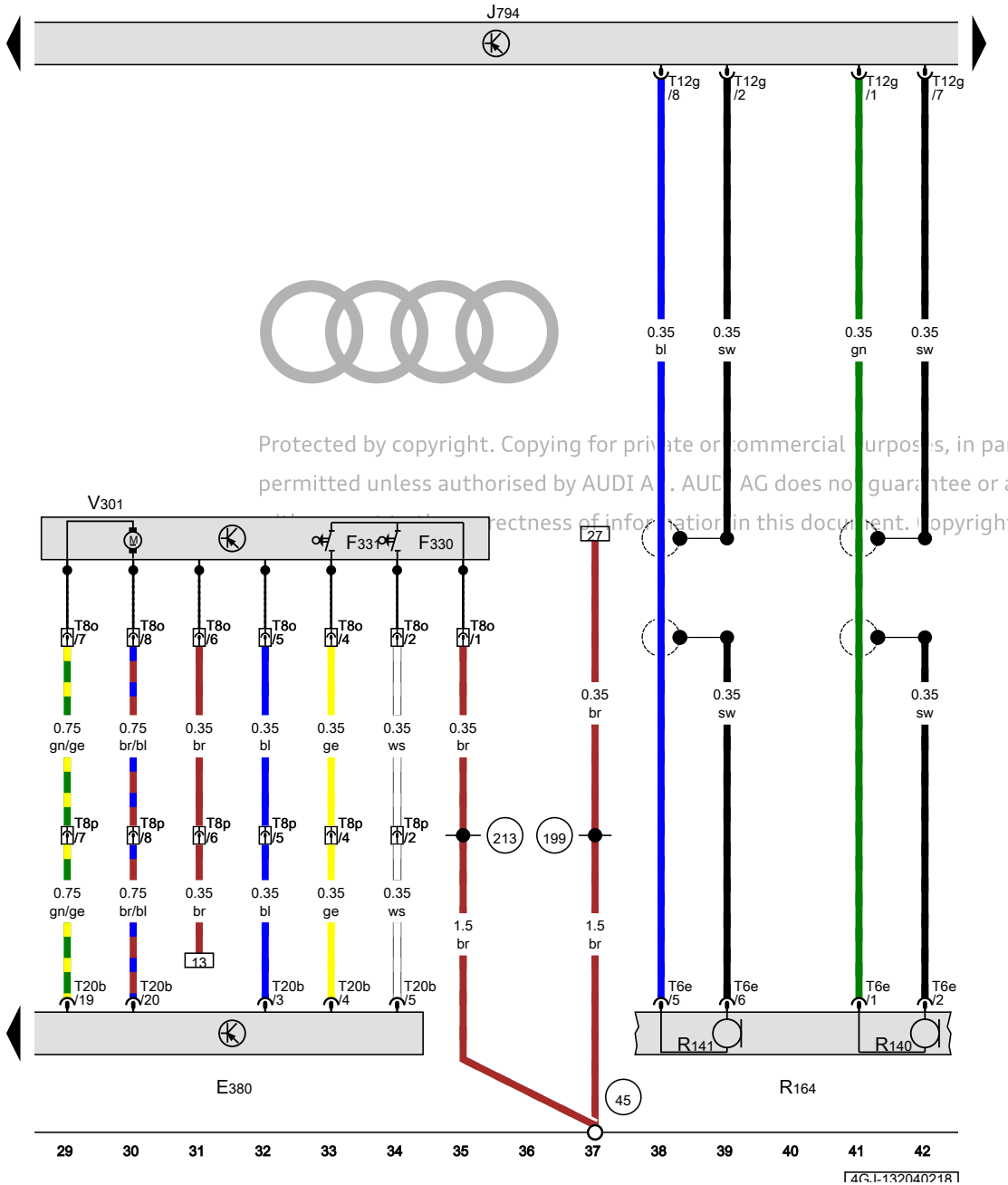


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Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
E506	Display unit button
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T6q	6-pin connector, black
T12d	12-pin connector, grey
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector, red
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

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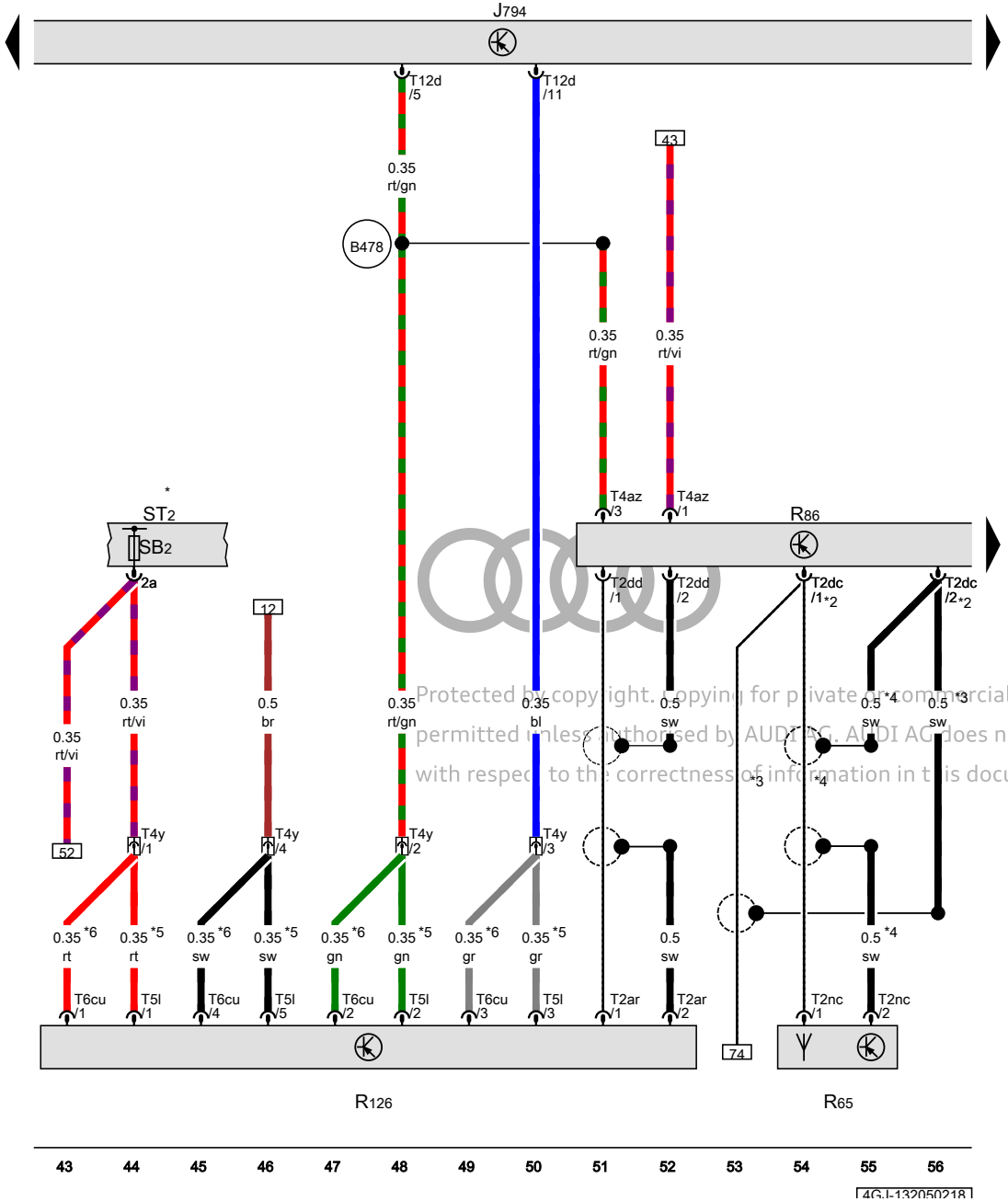
Multimedia system operating unit, Open display limit switch, Control unit 1 for information electronics, Microphone unit in front roof module, Open and close display motor

E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T6e	6-pin connector, blue
T8o	8-pin connector, black
T8p	8-pin connector, behind centre console, front left, black
T12g	12-pin connector, blue
T20b	20-pin connector, red
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
213	Earth connection, in dash panel wiring harness

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
or	=	orange
rs	=	pink

Control unit 1 for information electronics, Telephone aerial, Aerial amplifier for mobile telephone, Telephone bracket

J794	Control unit 1 for information electronics
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
T2ar	2-pin connector
T2dc	2-pin connector
T2dd	2-pin connector, black
T2nc	2-pin connector
T4az	4-pin connector, black
T4y	4-pin connector, near telephone bracket
T5l	5-pin connector
T6cu	6-pin connector, black
T12d	12-pin connector, grey
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Connector colour depends on market
*3	For American markets
*4	Not for American markets
*5	Up to May 2016
*6	From May 2016

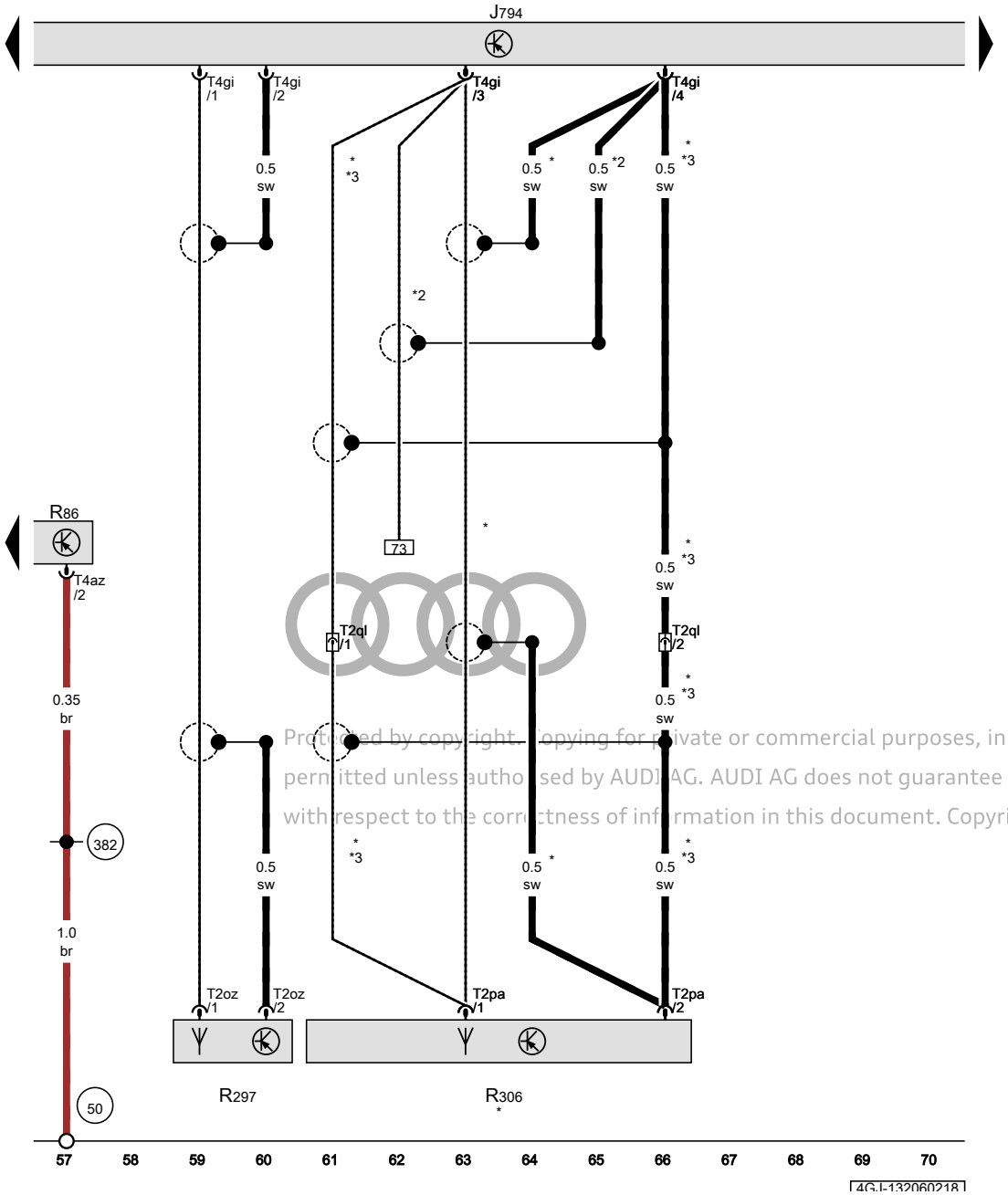


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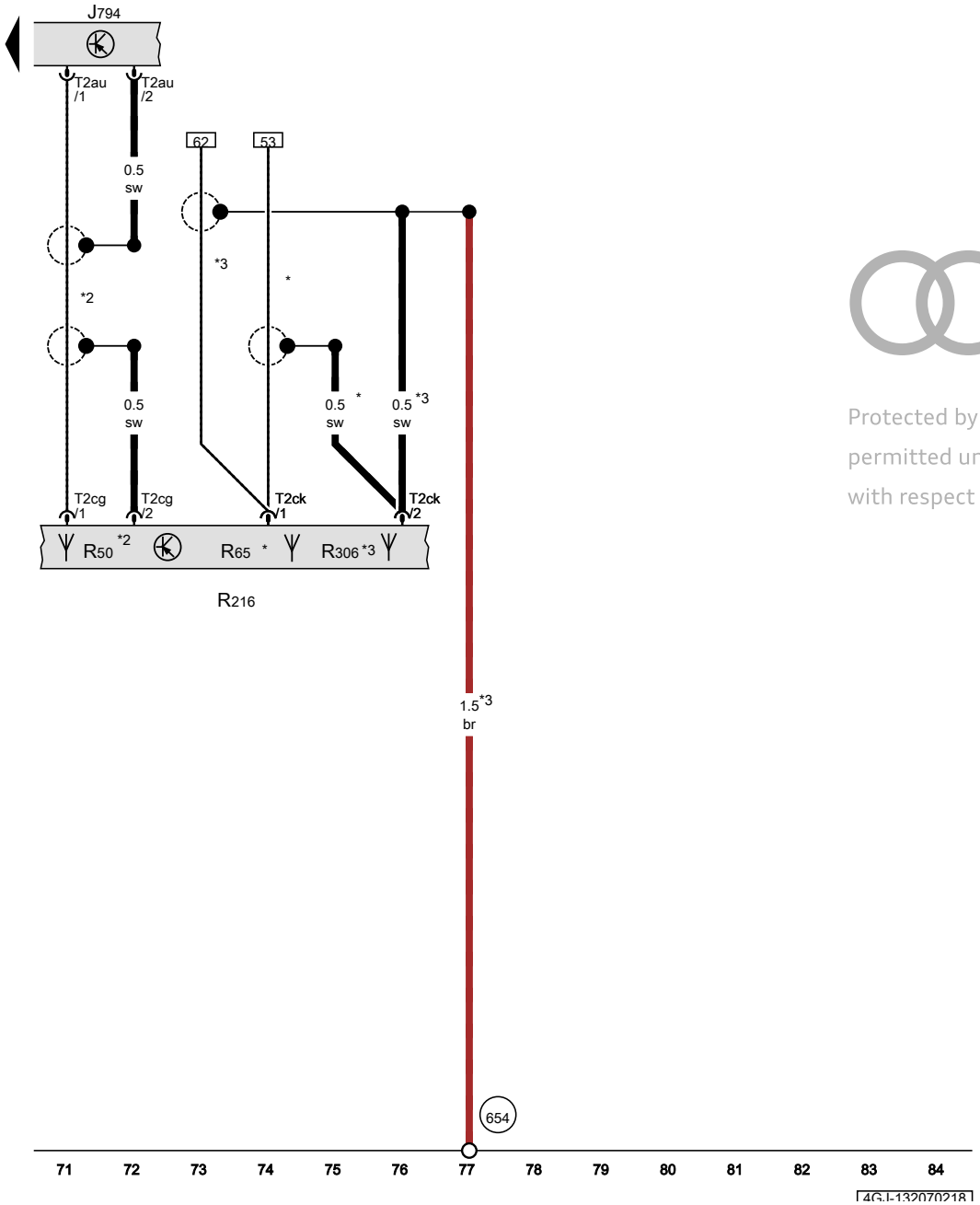
Control unit 1 for information electronics, Aerial amplifier for mobile telephone, LTE aerial 1, LTE aerial 2

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R297	LTE aerial 1
R306	LTE aerial 2
T2oz	2-pin connector
T2pa	2-pin connector, purple
T2ql	2-pin connector, in centre of dash panel, purple
T4az	4-pin connector, black
T4gi	4-pin connector, purple
50	Earth point, on left in luggage compartment
382	Earth connection 17, in main wiring harness
*	For American markets
*2	Not for American markets
*3	gradual introduction



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rs	=	pink



Control unit 1 for information electronics, Roof aerial

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R216	Roof aerial
R306	LTE aerial 2
T2au	2-pin connector, blue
T2cg	2-pin connector
T2ck	2-pin connector
654	Earth point, on right D-pillar
*	For American markets
*2	Aerial connection for GPS
*3	Not for American markets

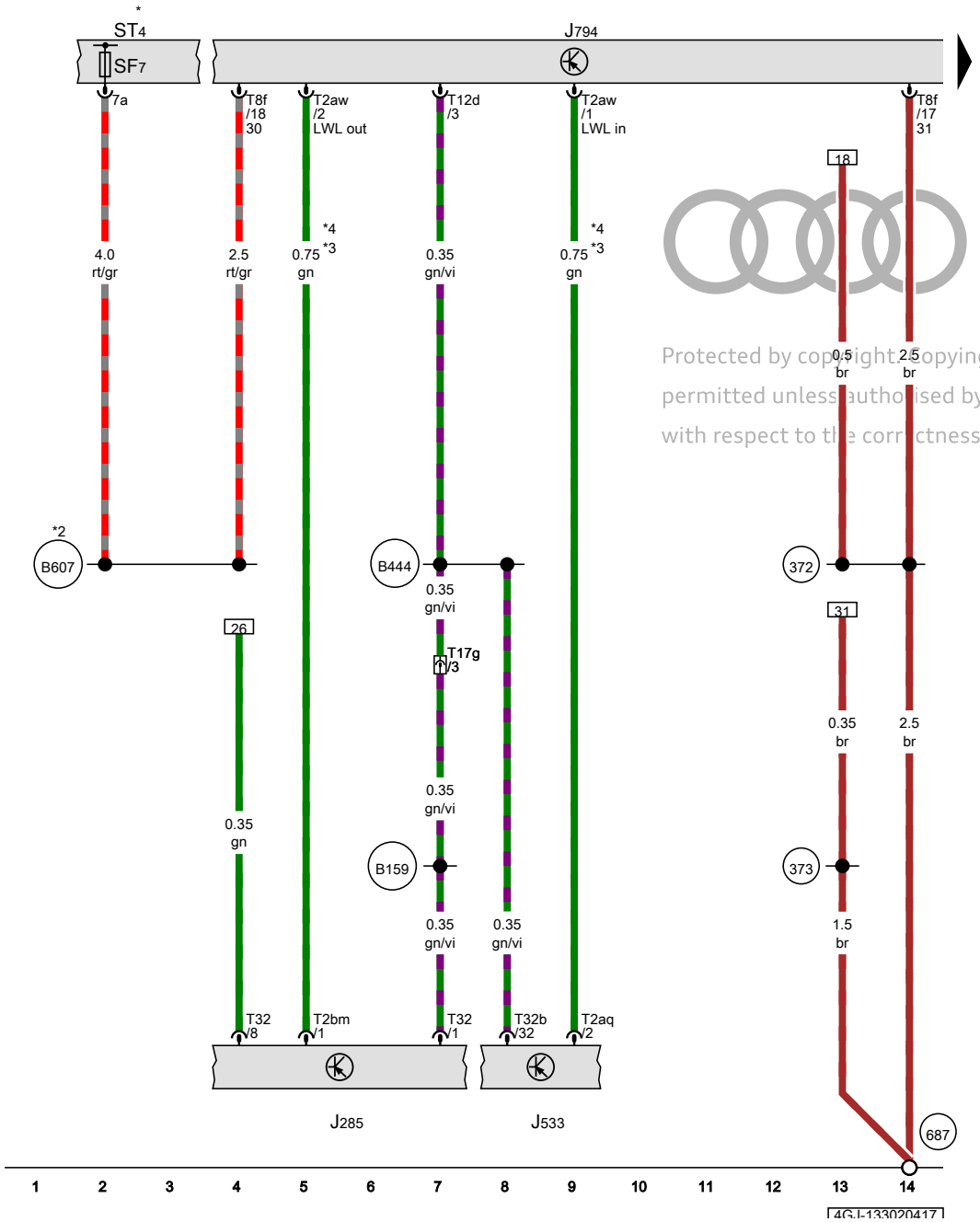
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Mobile telephone systems , (9ZK)

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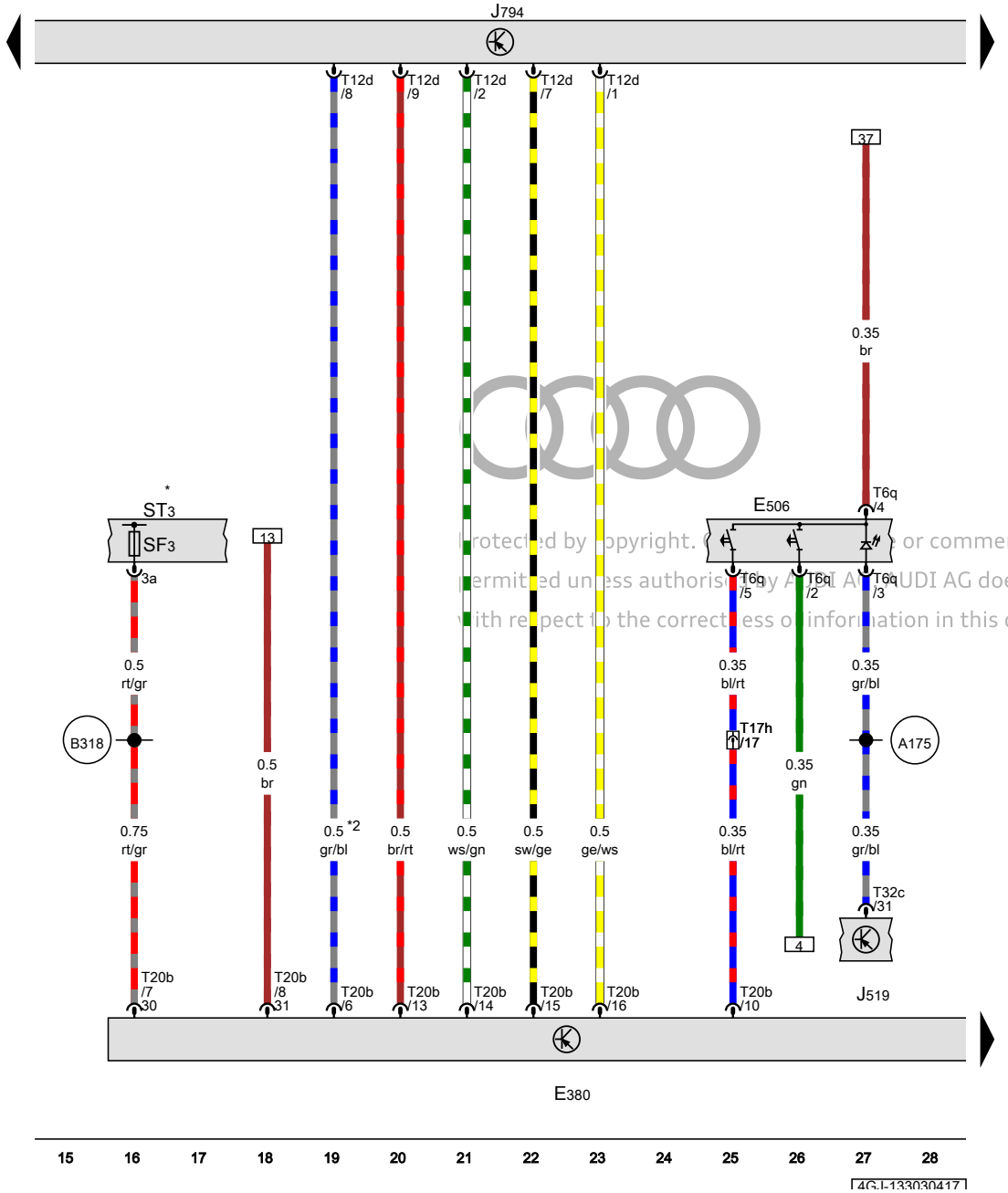


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Control unit 1 for information electronics

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector, black
T2bm	2-pin connector
T8f	8-pin connector, black
T12d	12-pin connector, grey
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
T32b	32-pin connector, black
372	Earth connection 7, in main wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no noise cancellation
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network

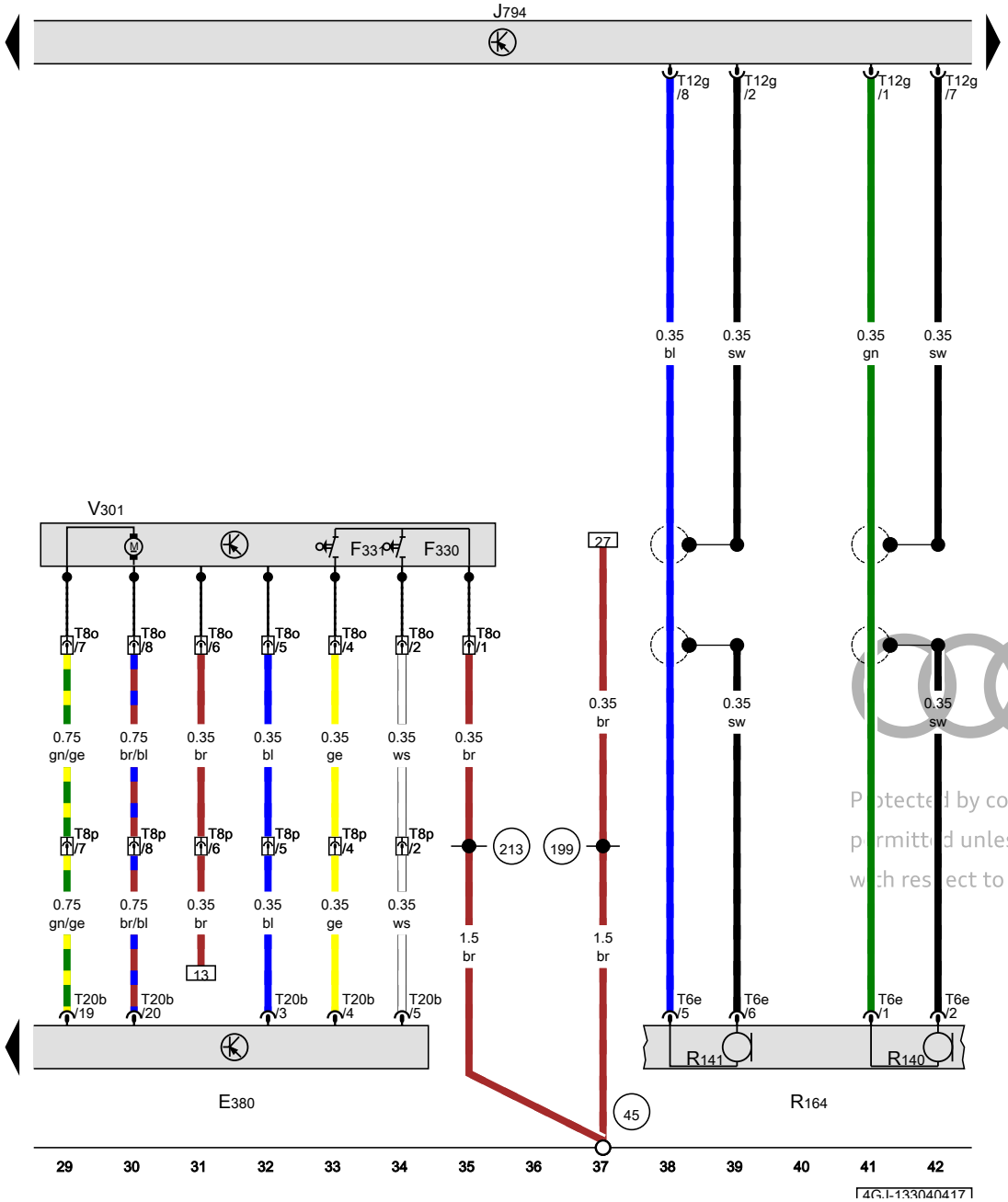


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Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
E506	Display unit button
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T6q	6-pin connector, black
T12d	12-pin connector, grey
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector, red
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Multimedia system operating unit, Open display limit switch, Control unit 1 for information electronics, Microphone unit in front roof module, Open and close display motor

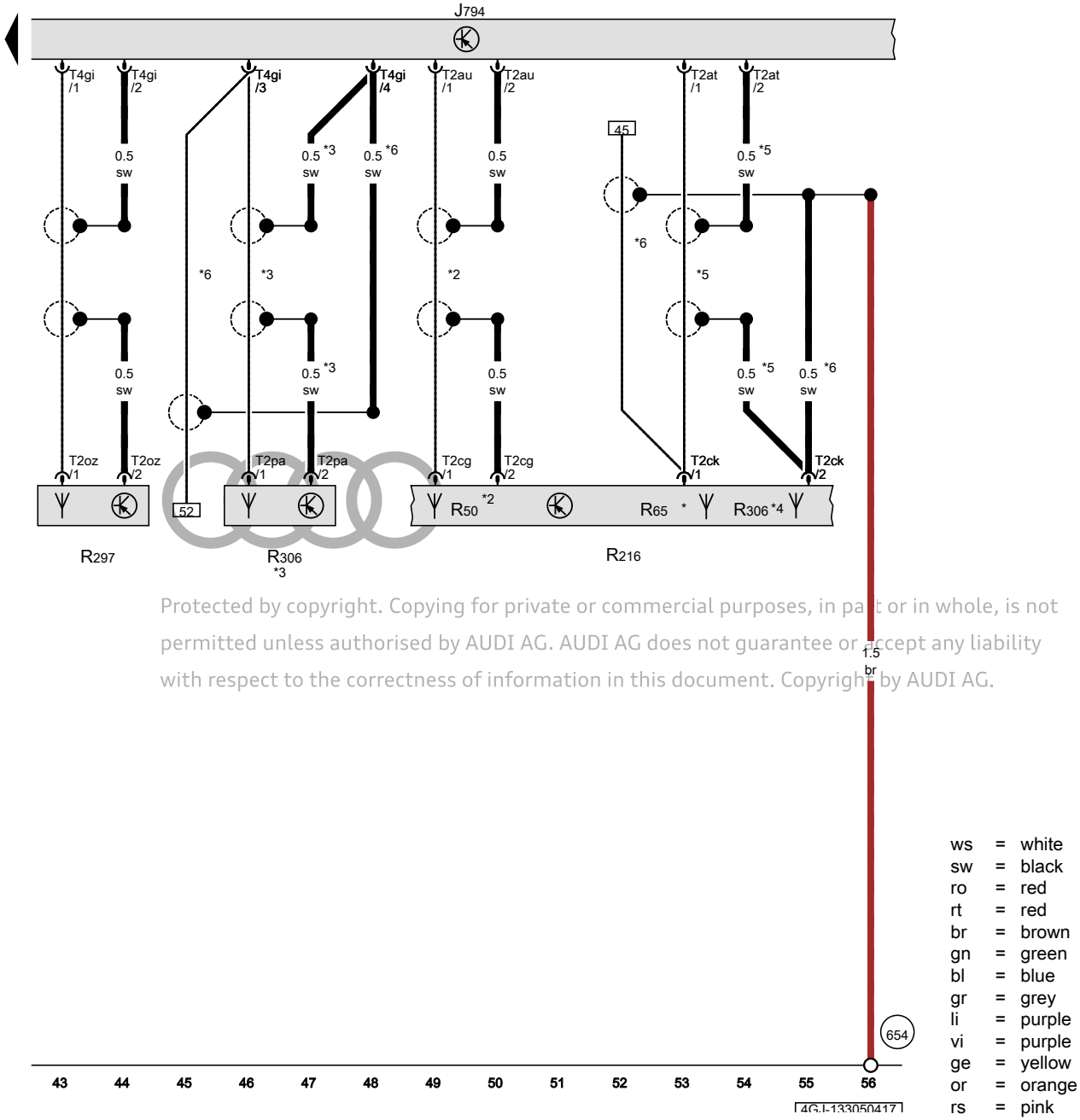
E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T6e	6-pin connector, blue
T8o	8-pin connector, black
T8p	8-pin connector, behind centre console, front left, black
T12g	12-pin connector, blue
T20b	20-pin connector, red
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
213	Earth connection, in dash panel wiring harness

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rs	=	pink

Control unit 1 for information electronics, Roof aerial, LTE aerial 1, LTE aerial 2

J794	Control unit 1 for information electronics
R50	GPS aerial
R65	Telephone aerial
R216	Roof aerial
R297	LTE aerial 1
R306	LTE aerial 2
T2at	2-pin connector
T2au	2-pin connector, blue
T2cg	2-pin connector
T2ck	2-pin connector
T2oz	2-pin connector
T2pa	2-pin connector
T4gi	4-pin connector, purple
654	Earth point, on right D-pillar
*	Up to November 2015
*2	Aerial connection for GPS
*3	Only for American markets
*4	From November 2015
*5	Only models with equipment for Japan
*6	Not for American markets



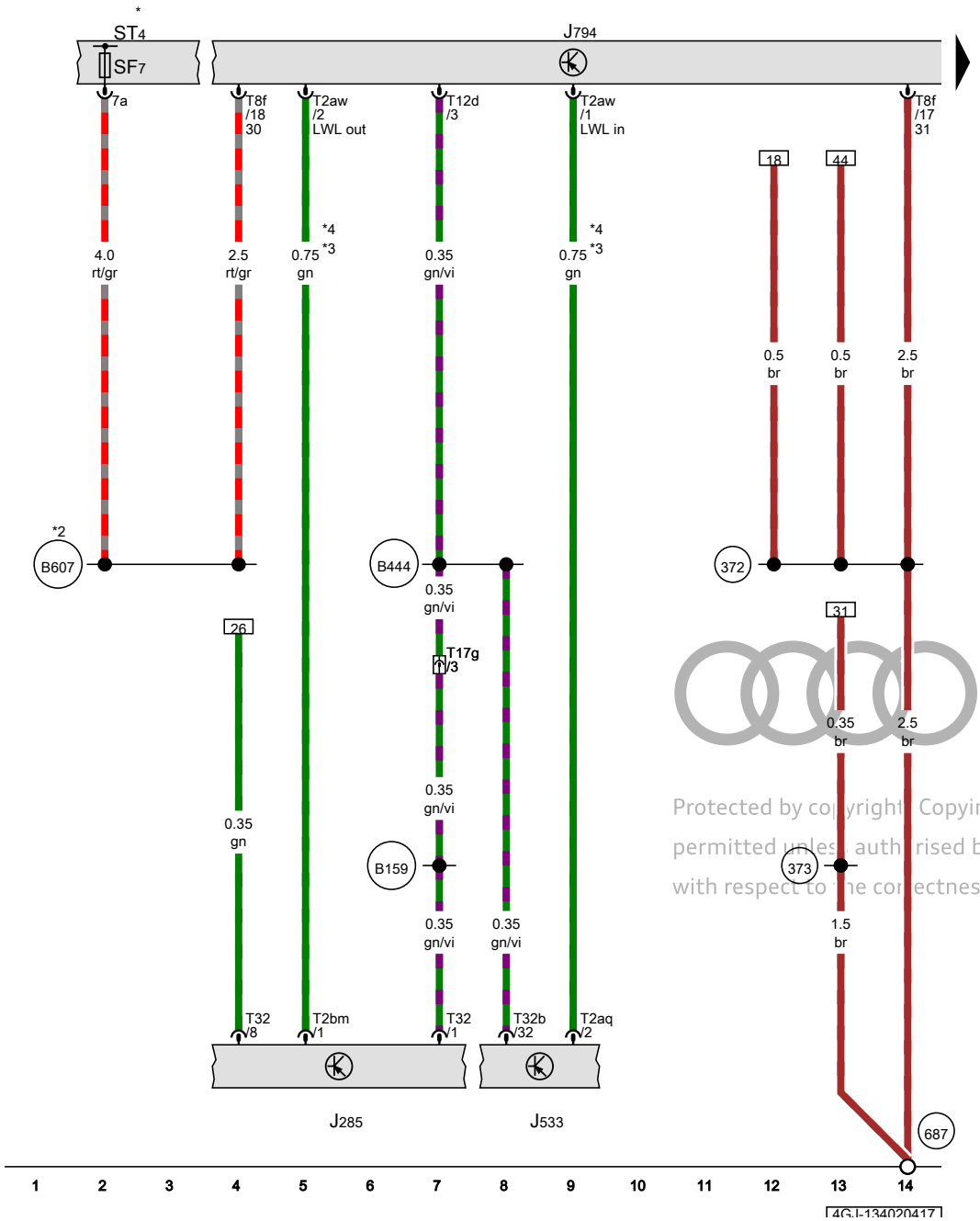
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Mobile telephone systems , (9ZG),(9ZV)

From May 2016

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Control unit 1 for information electronics

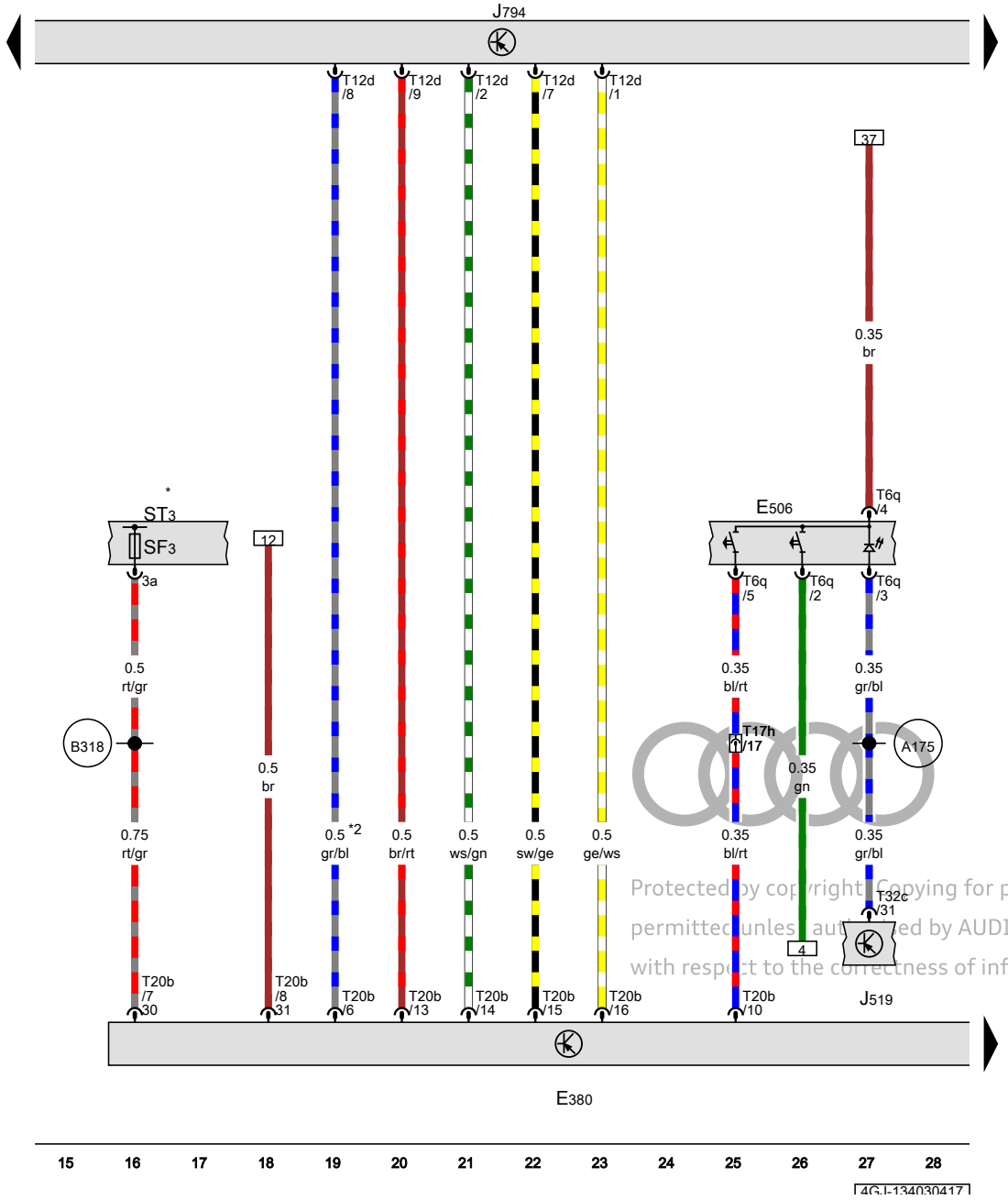
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
T2aq	2-pin connector
T2aw	2-pin connector, black
T2bm	2-pin connector
T8f	8-pin connector, black
T12d	12-pin connector, grey
T17g	17-pin connector, in left A-pillar coupling station, blue
T32	32-pin connector
T32b	32-pin connector, black
372	Earth connection 7, in main wiring harness
373	Earth connection 8, in main wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B607	Connection 3, in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no noise cancellation
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for data bus network

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or	=	orange
rs	=	pink

Multimedia system operating unit, Control unit 1 for information electronics

E380	Multimedia system operating unit
E506	Display unit button
J519	Onboard supply control unit
J794	Control unit 1 for information electronics
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T6q	6-pin connector, black
T12d	12-pin connector, grey
T17h	17-pin connector, in left A-pillar coupling station
T20b	20-pin connector, red
T32c	32-pin connector
A175	Connection (58s), in dash panel wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Wake-up wire

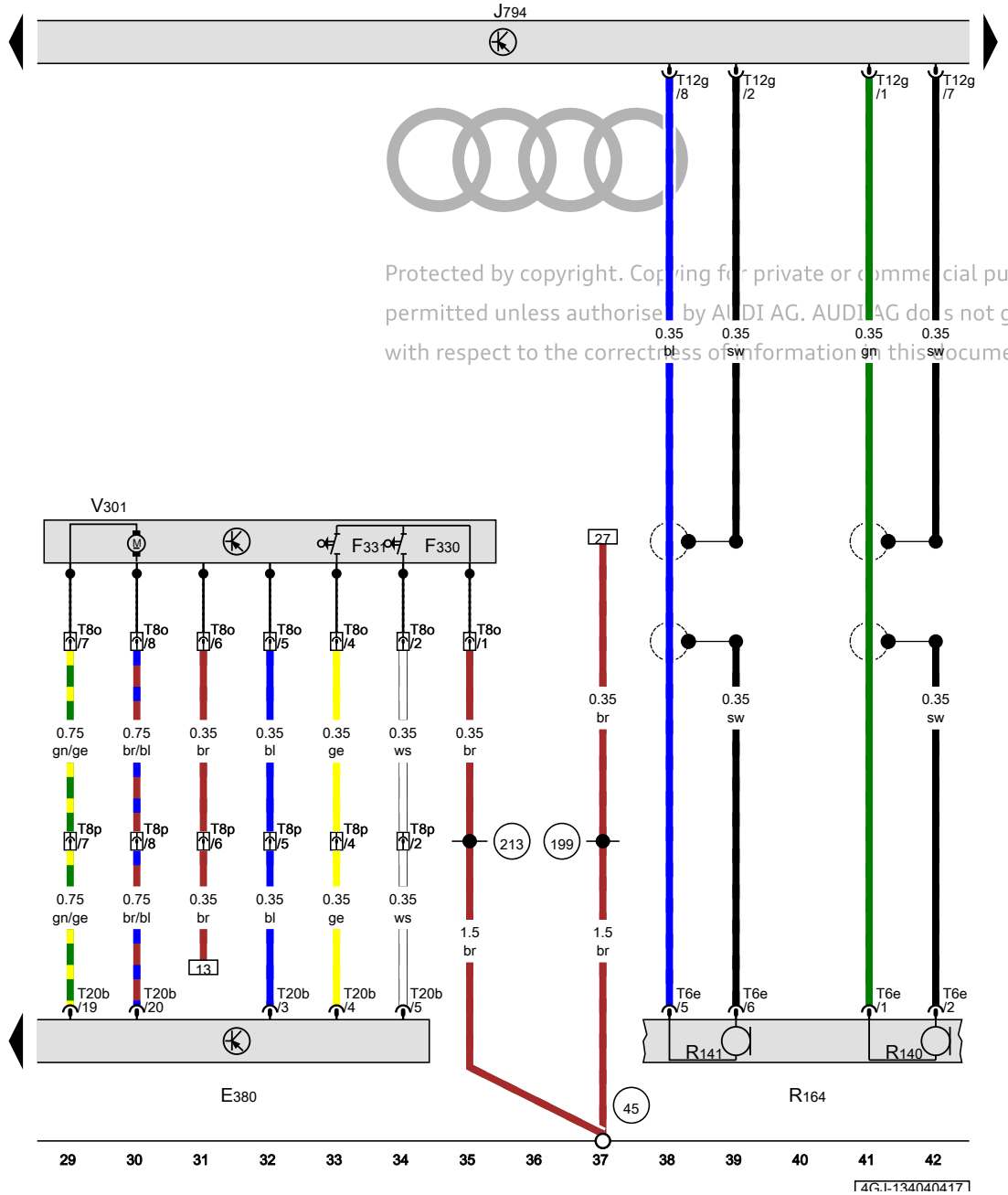


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Multimedia system operating unit, Open display limit switch, Control unit 1 for information electronics, Microphone unit in front roof module, Open and close display motor

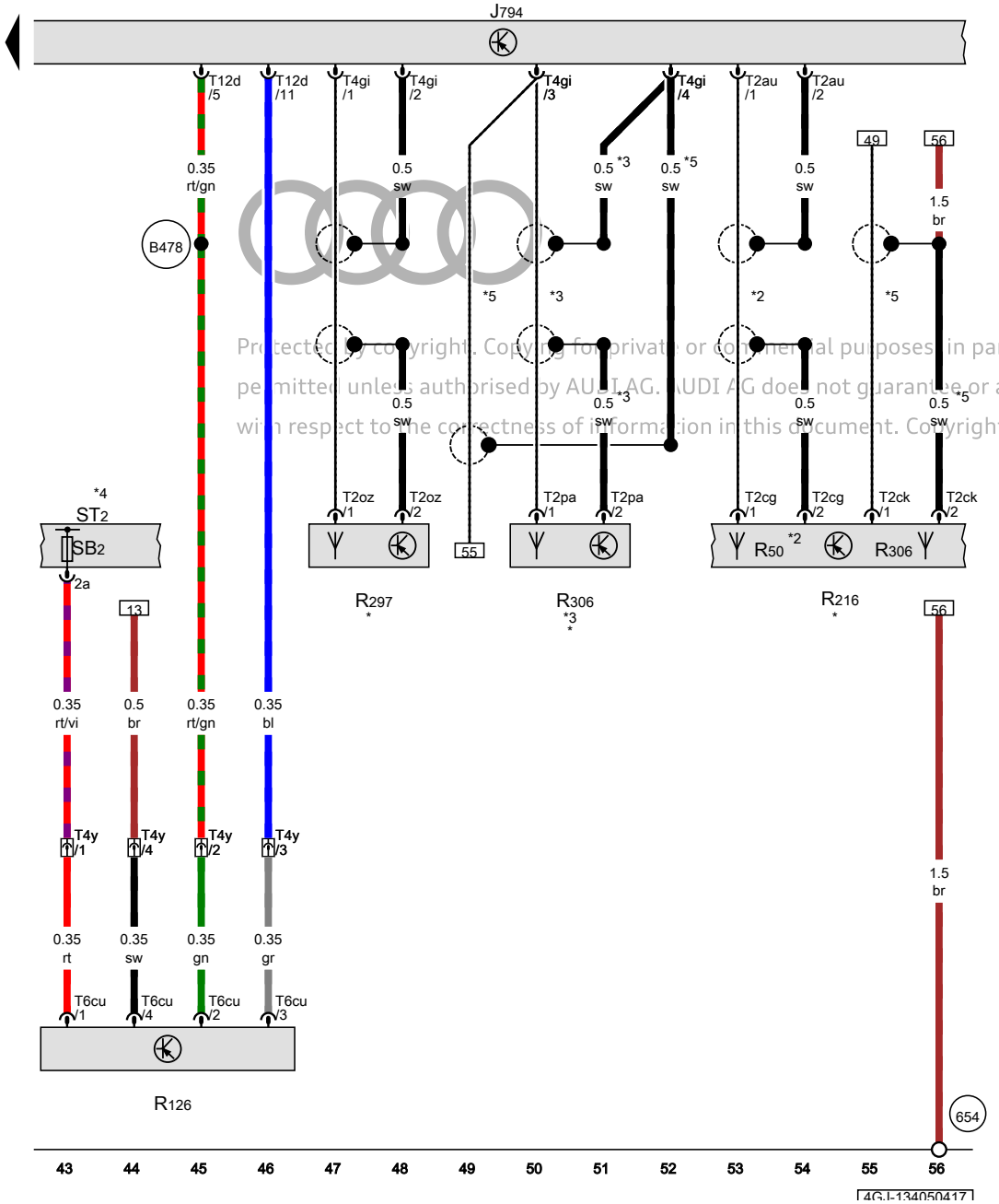
E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
T6e	6-pin connector, blue
T8o	8-pin connector, black
T8p	8-pin connector, behind centre console, front left, black
T12g	12-pin connector, blue
T20b	20-pin connector, red
V301	Open and close display motor
45	Earth point, centre behind dash panel
199	Earth connection 3, in dash panel wiring harness
213	Earth connection, in dash panel wiring harness



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Control unit 1 for information electronics, Telephone bracket, Roof aerial, LTE aerial 1, LTE aerial 2



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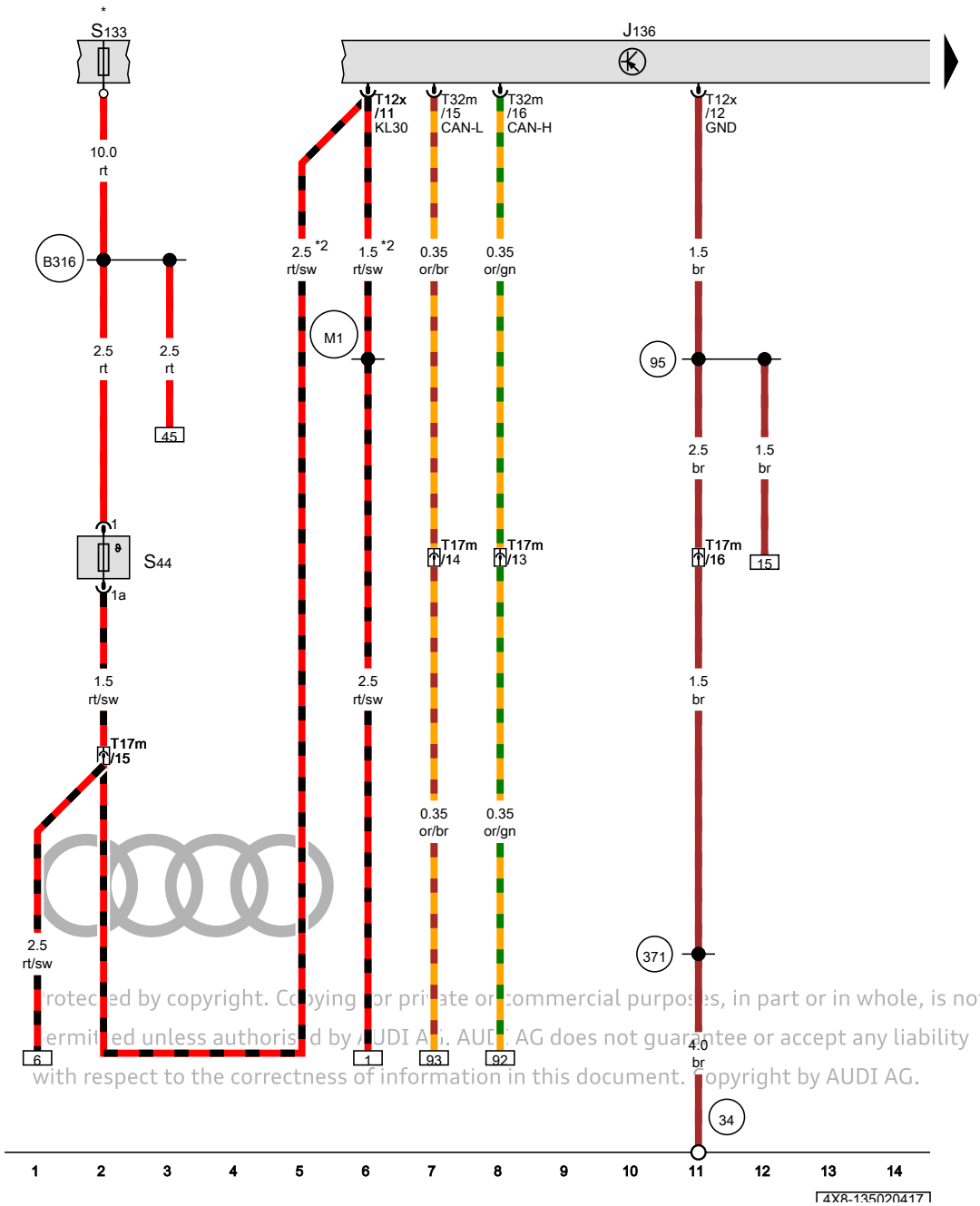
J794	Control unit 1 for information electronics
R50	GPS aerial
R126	Telephone bracket
R216	Roof aerial
R297	LTE aerial 1
R306	LTE aerial 2
ST2	Fuse carrier 2
SB2	Fuse 2 on fuse holder B
T2au	2-pin connector, blue
T2cg	2-pin connector
T2ck	2-pin connector
T2oz	2-pin connector
T2pa	2-pin connector
T4gi	4-pin connector, purple
T4y	4-pin connector, near telephone bracket
T6cu	6-pin connector, black
T12d	12-pin connector, grey
654	Earth point, on right D-pillar
B478	Connection 14, in main wiring harness
*	Optional equipment
*2	Aerial connection for GPS
*3	Only for American markets
*4	see applicable current flow diagram for fuse assignment
*5	Not for American markets

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Ventilated seat with heated seat , (Q1A),(Q1D),(Q4Q),(3L4),(3PN)

From May 2010

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Seat and steering column adjustment control unit with memory, Driver seat adjustment thermal fuse 1

J136 Seat and steering column adjustment control unit with memory
S44 Driver seat adjustment thermal fuse 1, in left A-pillar coupling station
S133 Fuse 3
T12x 12-pin connector
T17m 17-pin connector, in coupling point for front seat, left
T32m 32-pin connector

34 Earth point, under driver seat

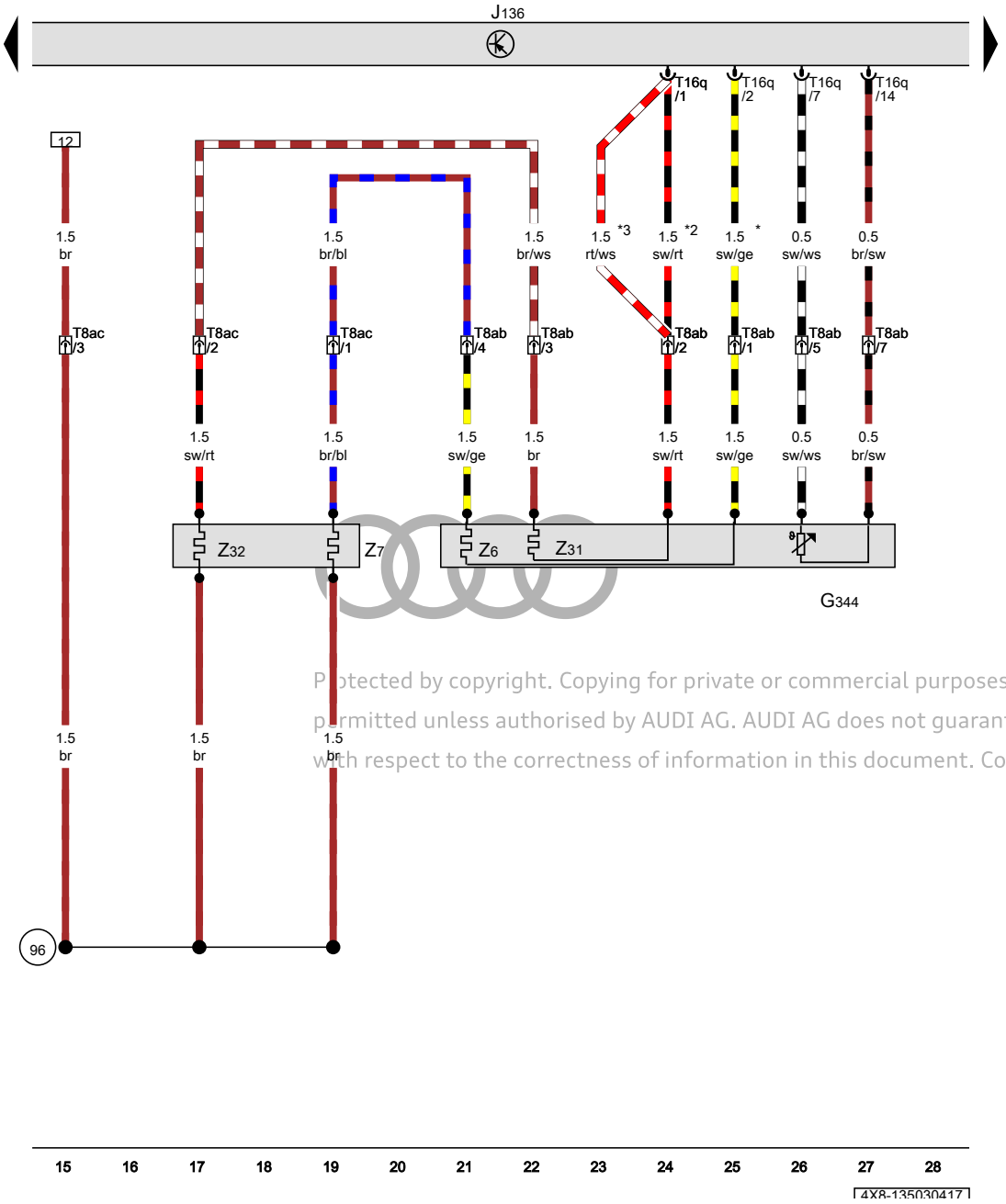
95 Earth connection 1, in seat adjustment wiring harness

371 Earth connection 6, in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

M1 Positive connection 1 (30), in seat adjustment wiring harness

* see applicable current flow diagram for fuse assignment
*2 According to equipment

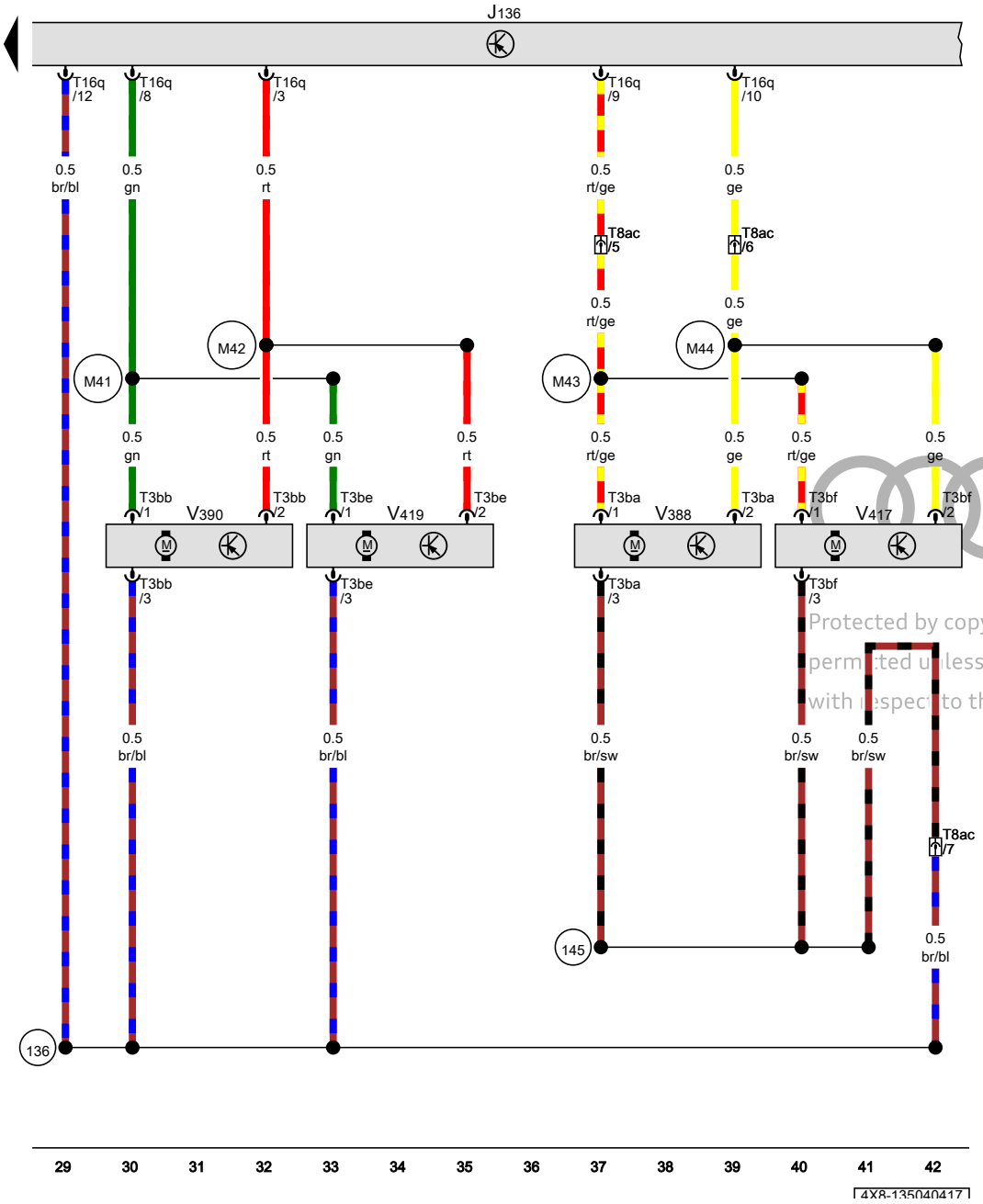


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Front left seat temperature sender, Seat and steering column adjustment control unit with memory, Heated seat cushion for driver seat, Heated backrest for driver seat

G344	Front left seat temperature sender
J136	Seat and steering column adjustment control unit with memory
T8ab	8-pin connector, in driver seat
T8ac	8-pin connector, in driver seat
T16q	16-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z31	Driver seat cushion lateral support heater
Z32	Driver seat backrest lateral support heater
96	Earth connection 1, in seat heating wiring harness
*	According to equipment
*2	Up to June 2010
*3	From June 2010

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
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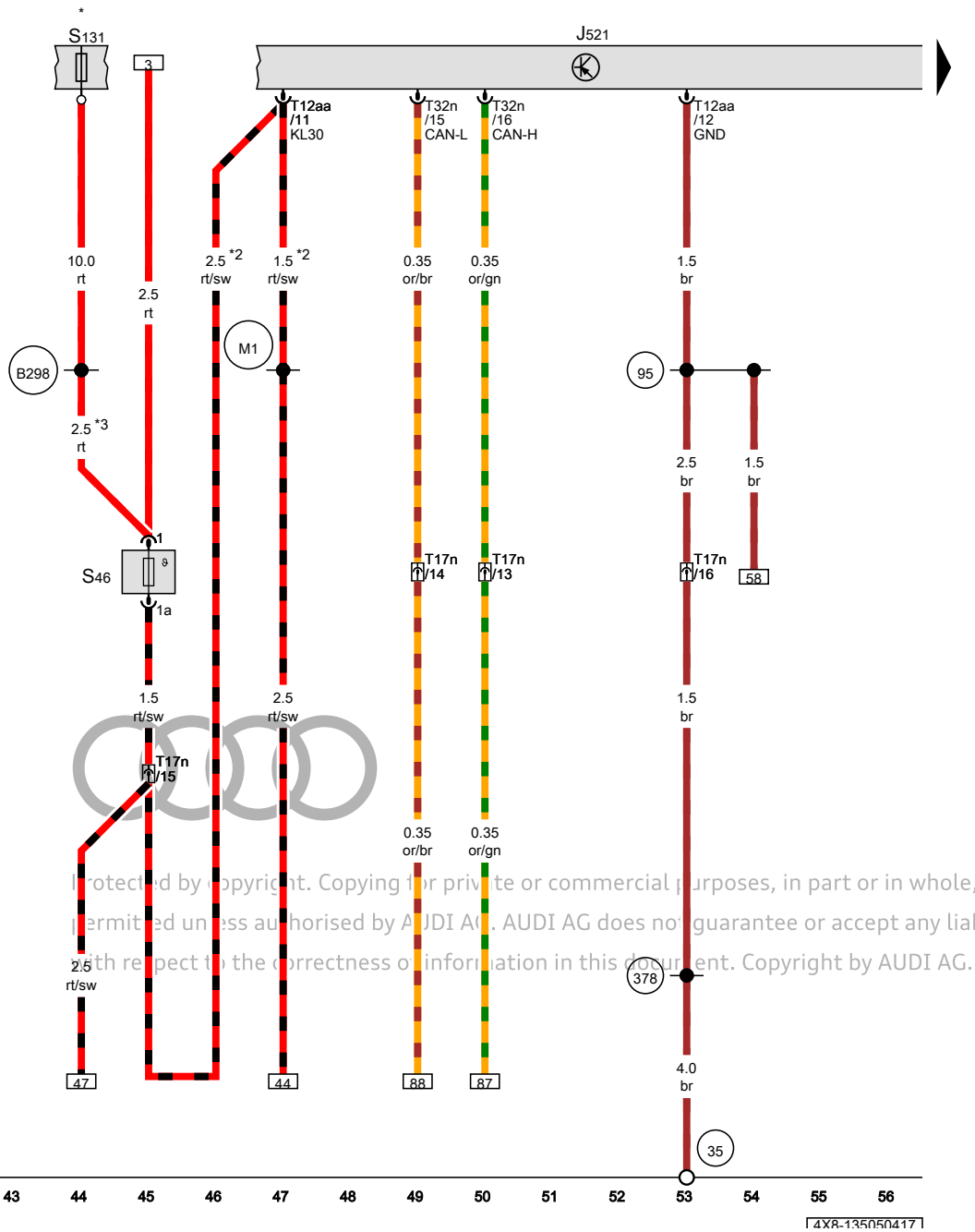


Seat and steering column adjustment control unit with memory, Driver seat backrest fan, Driver seat cushion fan

J136	Seat and steering column adjustment control unit with memory
T3ba	3-pin connector
T3bb	3-pin connector
T3be	3-pin connector
T3bf	3-pin connector
T8ac	8-pin connector, in driver seat
T16q	16-pin connector
V388	Driver seat backrest fan
V390	Driver seat cushion fan
V417	Driver seat backrest fan 2
V419	Driver seat cushion fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M41	Connection 1, in driver seat wiring harness
M42	Connection 2, in driver seat wiring harness
M43	Connection 3, in driver seat wiring harness
M44	Connection 4, in driver seat wiring harness

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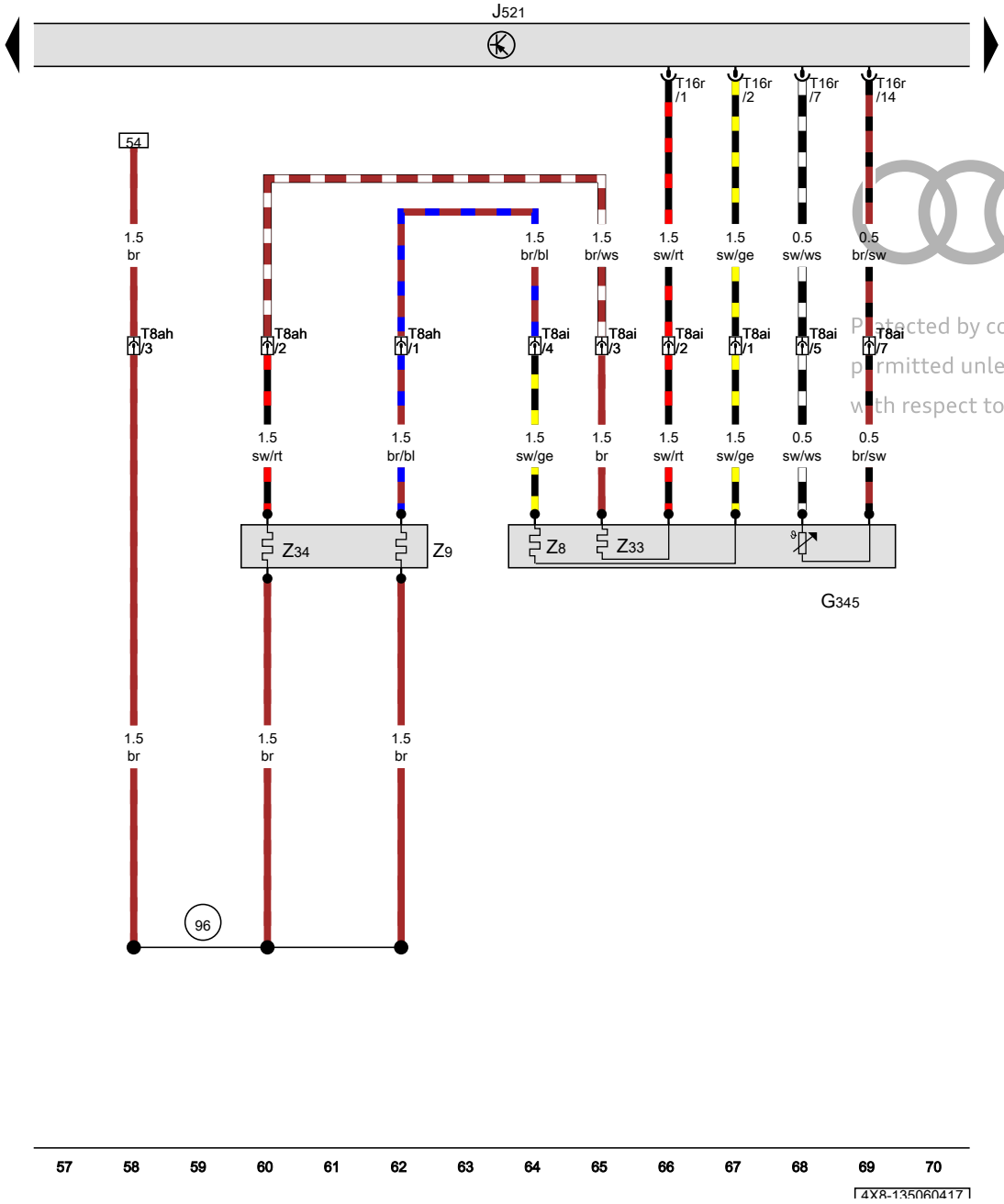


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Front passenger seat adjustment with memory control unit, Front passenger seat adjustment thermal fuse 1

J521	Front passenger seat adjustment with memory control unit
S46	Front passenger seat adjustment thermal fuse 1, in left A-pillar coupling station
S131	Fuse 1
T12aa	12-pin connector
T17n	17-pin connector, in coupling point for front seat, right
T32n	32-pin connector
35	Earth point, under front passenger seat
95	Earth connection 1, in seat adjustment wiring harness
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	From June 2014

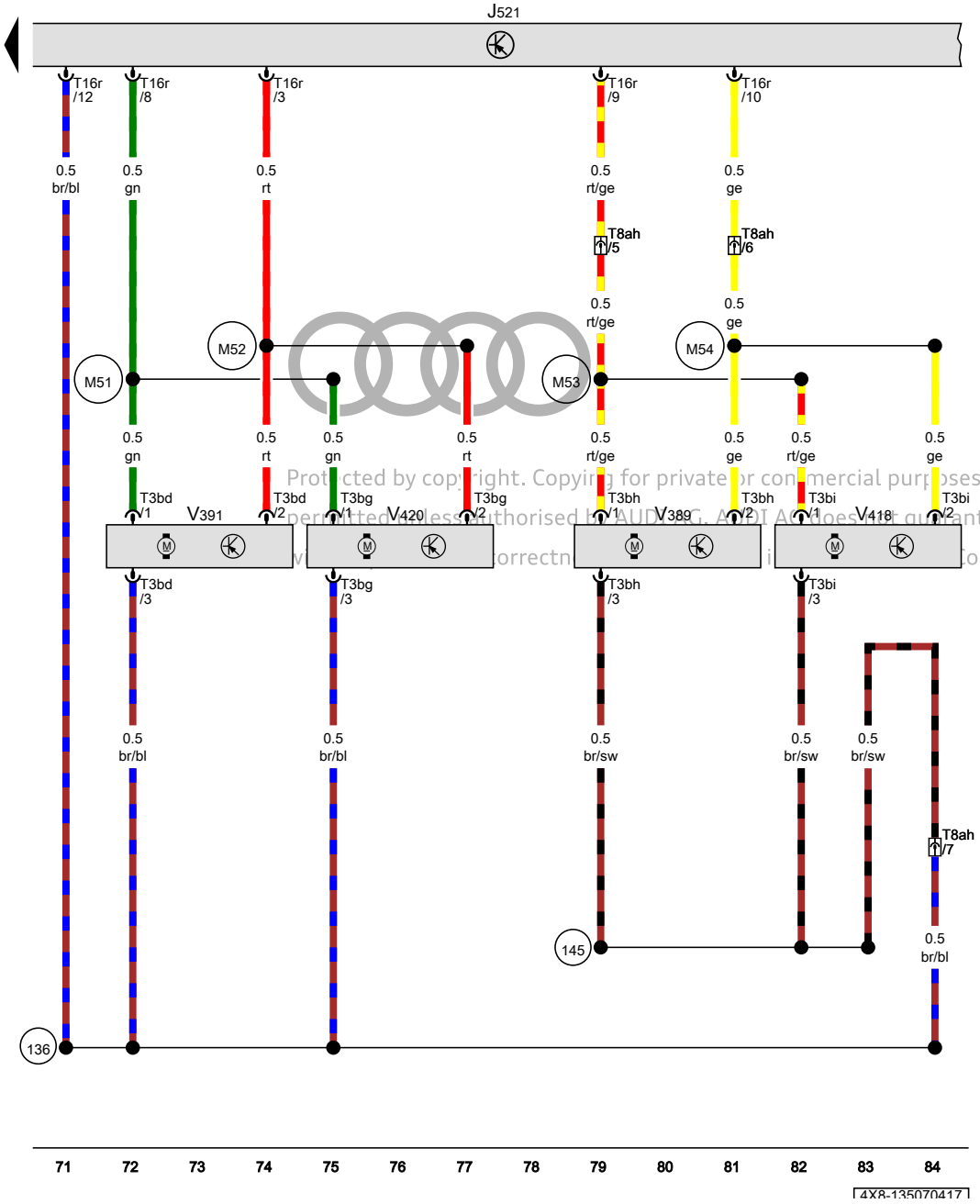


Front right seat temperature sender, Front passenger seat adjustment with memory control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G345	Front right seat temperature sender
J521	Front passenger seat adjustment with memory control unit
T8ah	8-pin connector, in front passenger seat
T8ai	8-pin connector, in front passenger seat
T16r	16-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
Z33	Front passenger seat lateral support heater
Z34	Front passenger seat backrest lateral support heater
96	Earth connection 1, in seat heating wiring harness

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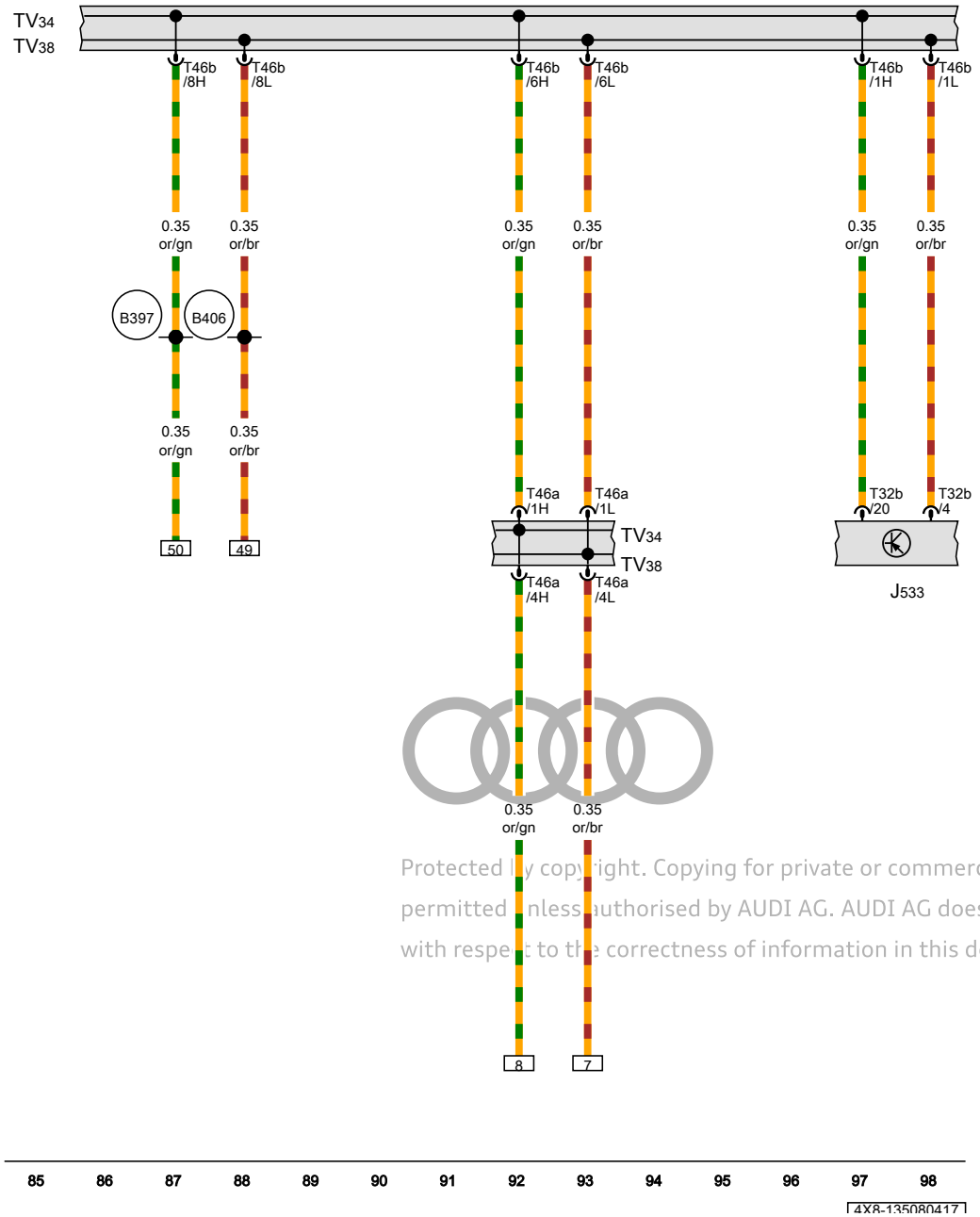


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Front passenger seat adjustment with memory control unit, Front passenger seat backrest fan, Front passenger seat cushion fan

J521	Front passenger seat adjustment with memory control unit
T3bd	3-pin connector
T3bg	3-pin connector
T3bh	3-pin connector
T3bi	3-pin connector
T8ah	8-pin connector, in front passenger seat
T16r	16-pin connector
V389	Front passenger seat backrest fan
V391	Front passenger seat cushion fan
V418	Front passenger seat backrest fan 2
V420	Front passenger seat cushion fan 2
136	Earth connection 2, in seat heating wiring harness
145	Earth connection 3, in seat heating wiring harness
M51	Connection 1, in front passenger seat wiring harness
M52	Connection 2, in front passenger seat wiring harness
M53	Connection 3, in front passenger seat wiring harness
M54	Connection 4, in front passenger seat wiring harness



Data bus diagnostic interface, Wiring junction for convenience CAN bus, low

J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness

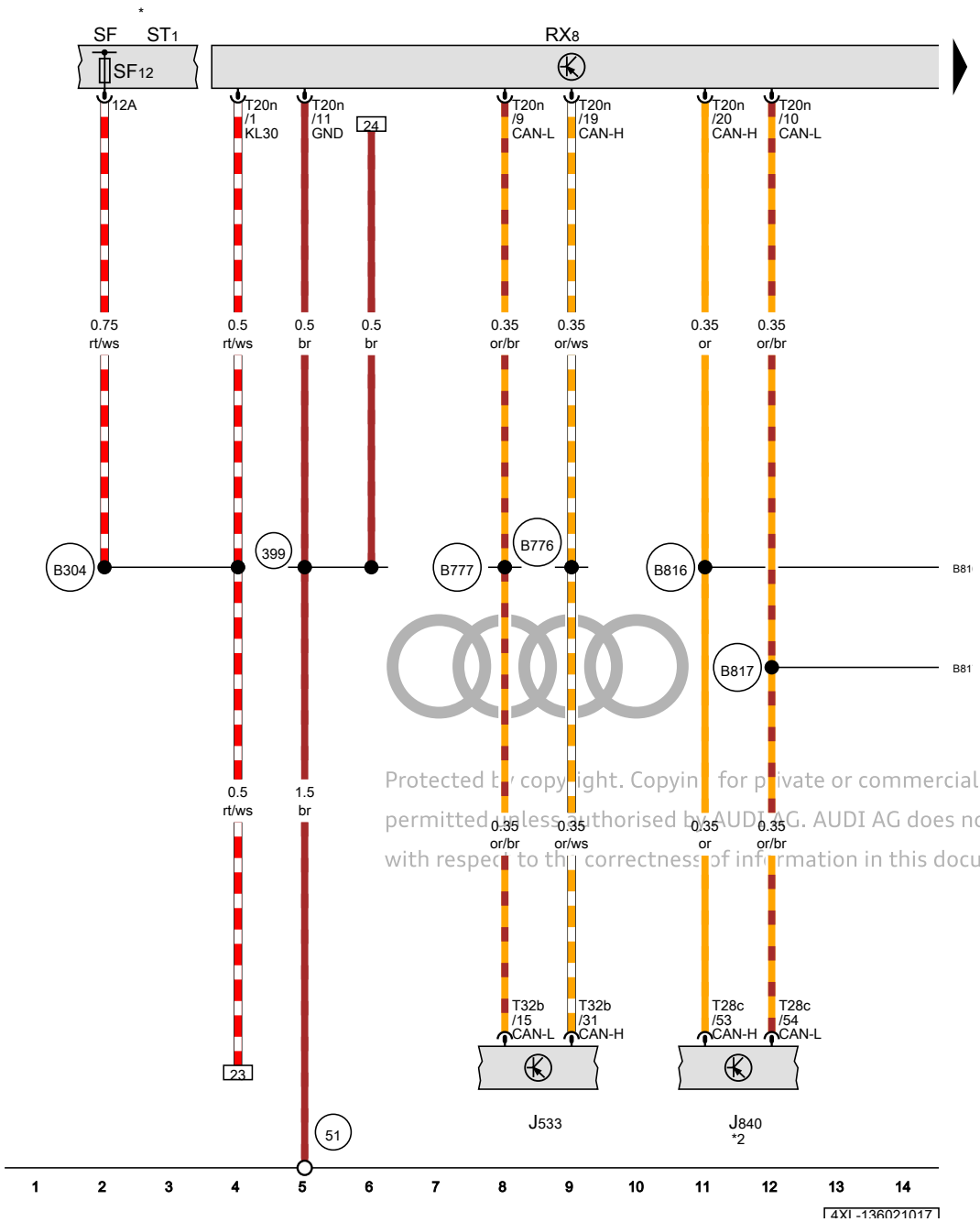
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Vehicle location system , (0K3)

From July 2017

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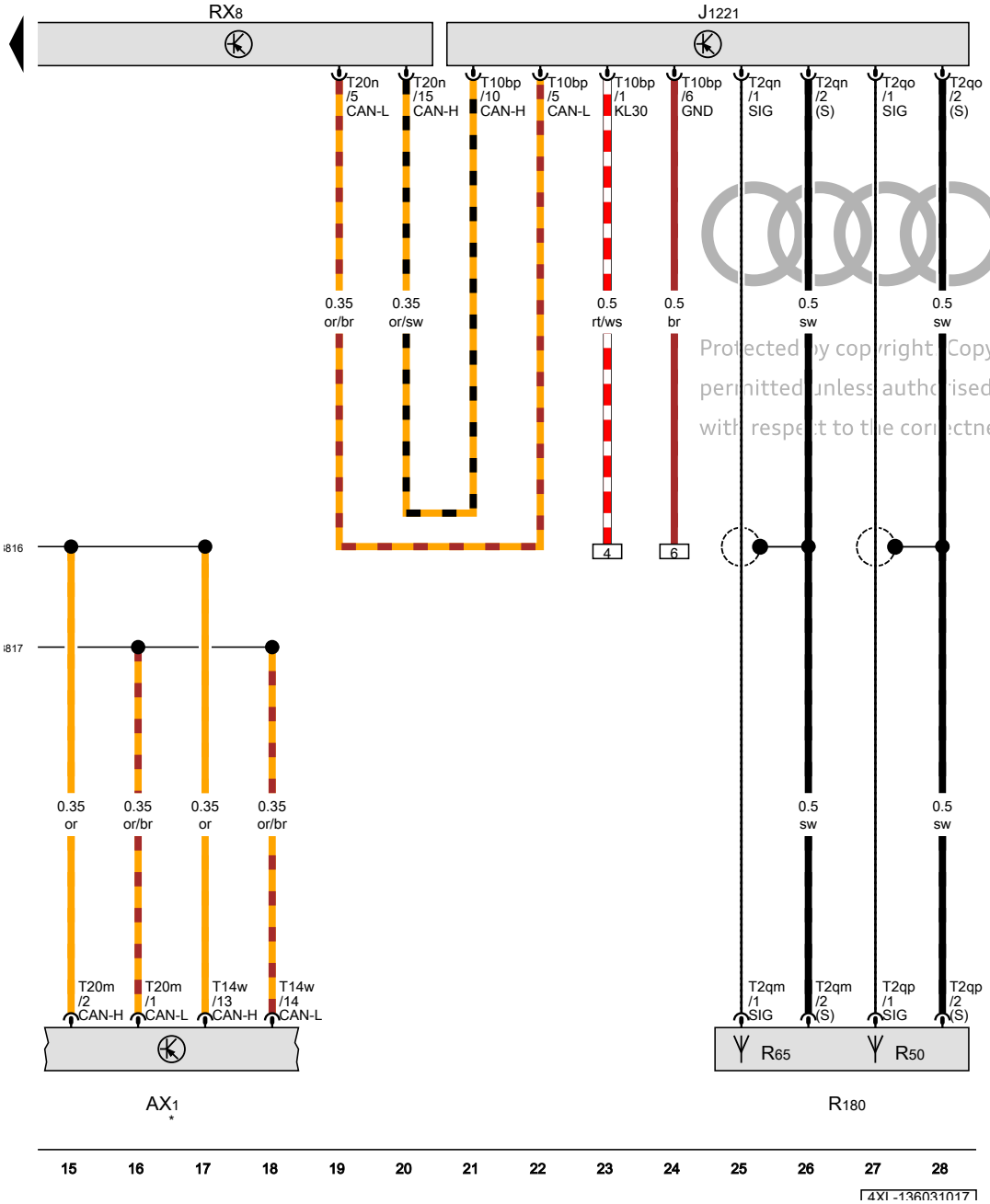


Data bus diagnostic interface, Battery regulation control unit, Telephone interface

J533	Data bus diagnostic interface
J840	Battery regulation control unit
RX8	Telephone interface
SF	Fuse holder F
ST1	Fuse carrier 1
SF12	Fuse 12 in fuse holder F
T20n	20-pin connector, brown
T28c	28-pin connector, black
T32b	32-pin connector, black, colourless
51	Earth point, on right in luggage compartment
399	Earth connection 34, in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
B816	Connection 2 (hybrid CAN bus, high) in main wiring harness
B817	Connection 2 (hybrid CAN bus, low) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for high-voltage system

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Hybrid battery unit, Interface control unit for telematics, Telephone interface, Data transmission aerial

AX1	Hybrid battery unit
J1221	Interface control unit for telematics
RX8	Telephone interface
R50	GPS aerial
R65	Telephone aerial
R180	Data transmission aerial
T2qm	2-pin connector, purple
T2qn	2-pin connector, purple
T2qo	2-pin connector, blue
T2qp	2-pin connector, blue
T10bp	10-pin connector, black
T14w	14-pin connector, black
T20m	20-pin connector, black
T20n	20-pin connector, brown
B816	Connection 2 (hybrid CAN bus, high) in main wiring harness
B817	Connection 2 (hybrid CAN bus, low) in main wiring harness
*	see applicable current flow diagram for high-voltage system

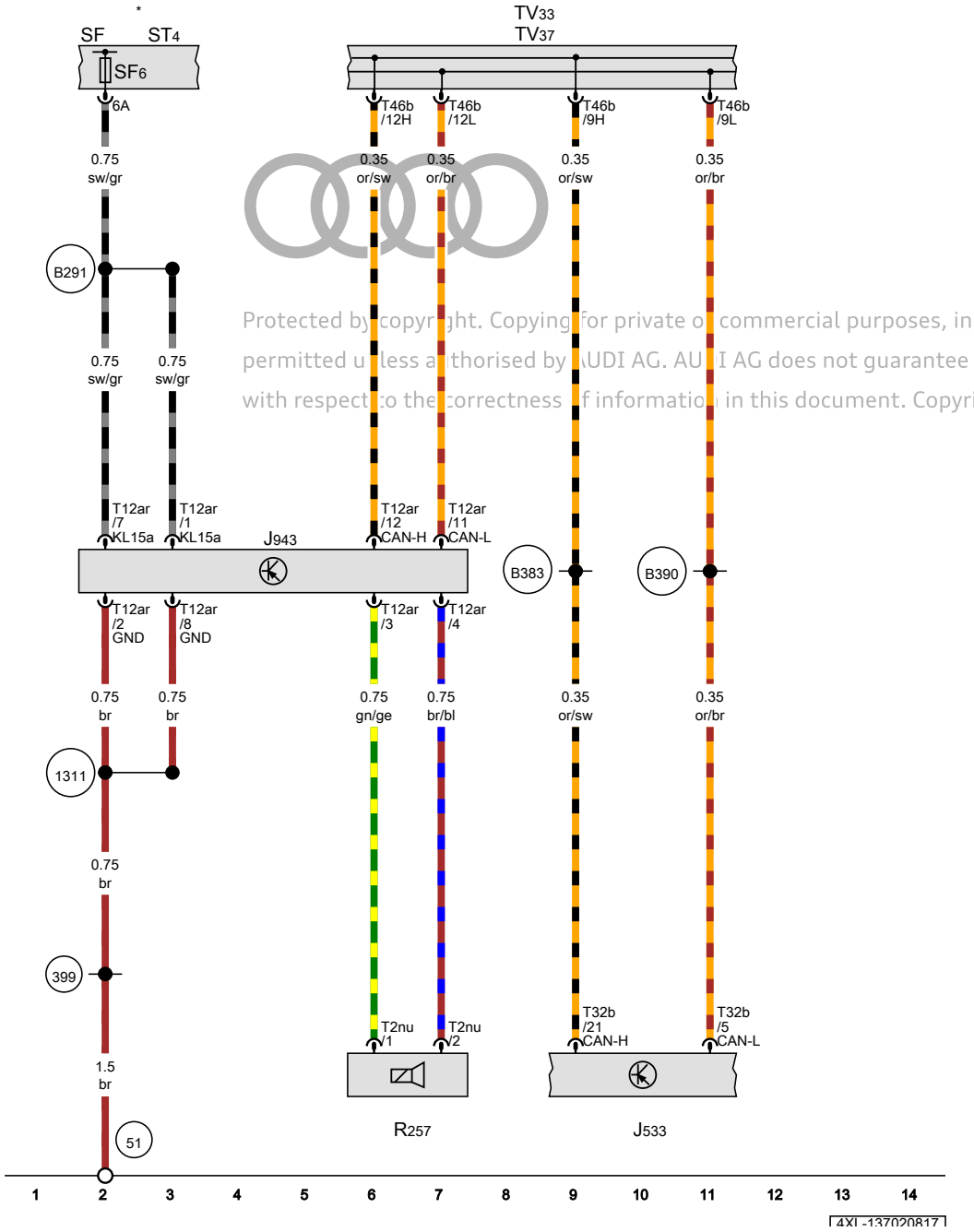
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Engine sound generator , (0K3)

From July 2017

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Data bus diagnostic interface, Engine sound generator control unit, Actuator 1 for engine sound generator, Wiring junction for powertrain CAN bus, low

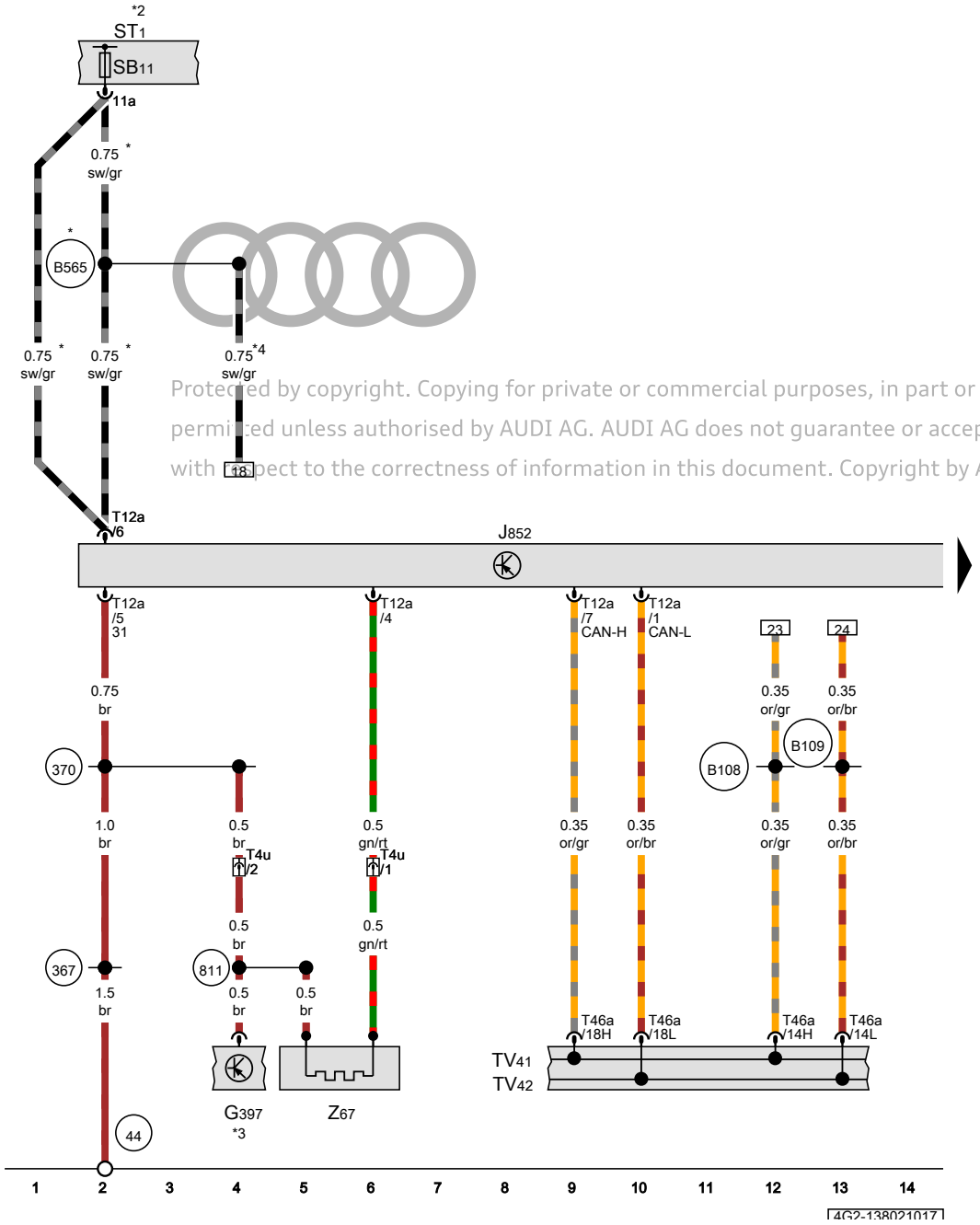
J533	Data bus diagnostic interface
J943	Engine sound generator control unit
R257	Actuator 1 for engine sound generator
SF	Fuse holder F
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
T2nu	2-pin connector, black
T12ar	12-pin connector, black
T32b	32-pin connector, black, colourless
T46b	46-pin connector
TV33	Wiring junction for powertrain CAN bus, high, on relay and fuse carrier, on right in luggage compartment
TV37	Wiring junction for powertrain CAN bus, low
51	Earth point, on right in luggage compartment
399	Earth connection 34, in main wiring harness
1311	Earth connection 37, in main wiring harness
B291	Positive connection 15 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front camera for driver assist systems

From January 2011

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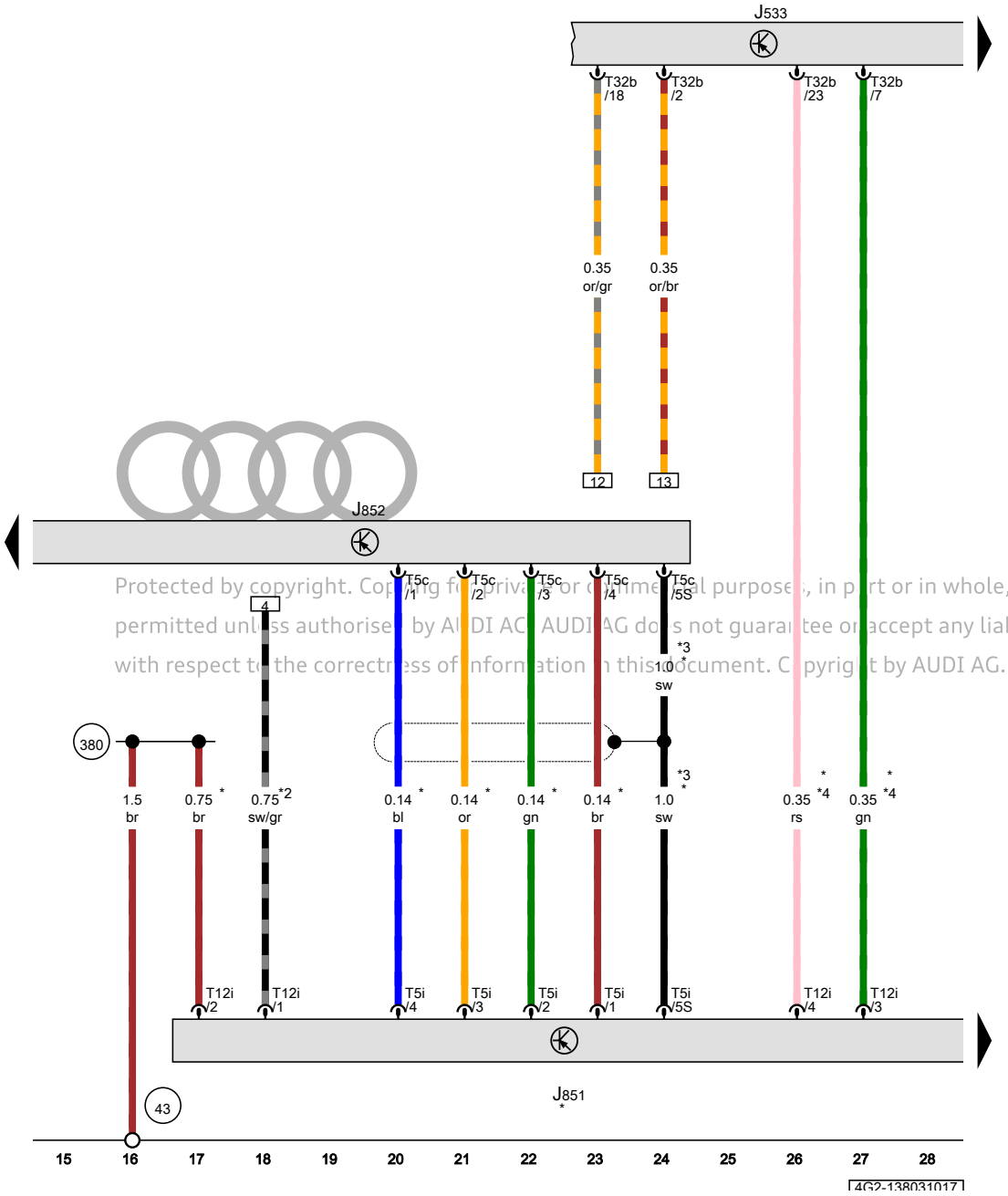


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Camera control unit, Wiring junction for CAN bus extended high, Windscreen heater for lane departure warning

G397	Rain and light sensor
J852	Camera control unit
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
T4u	4-pin connector, near interior mirror
T12a	12-pin connector
T46a	46-pin connector
TV41	Wiring junction for CAN bus extended high
TV42	Wiring junction for CAN bus extended low
Z67	Windscreen heater for lane departure warning
44	Earth point, lower part of left A-pillar
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
811	Earth connection, in windscreen heater wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B565	Connection 32, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for basic equipment
*4	For models with adaptive cruise control (ACC)

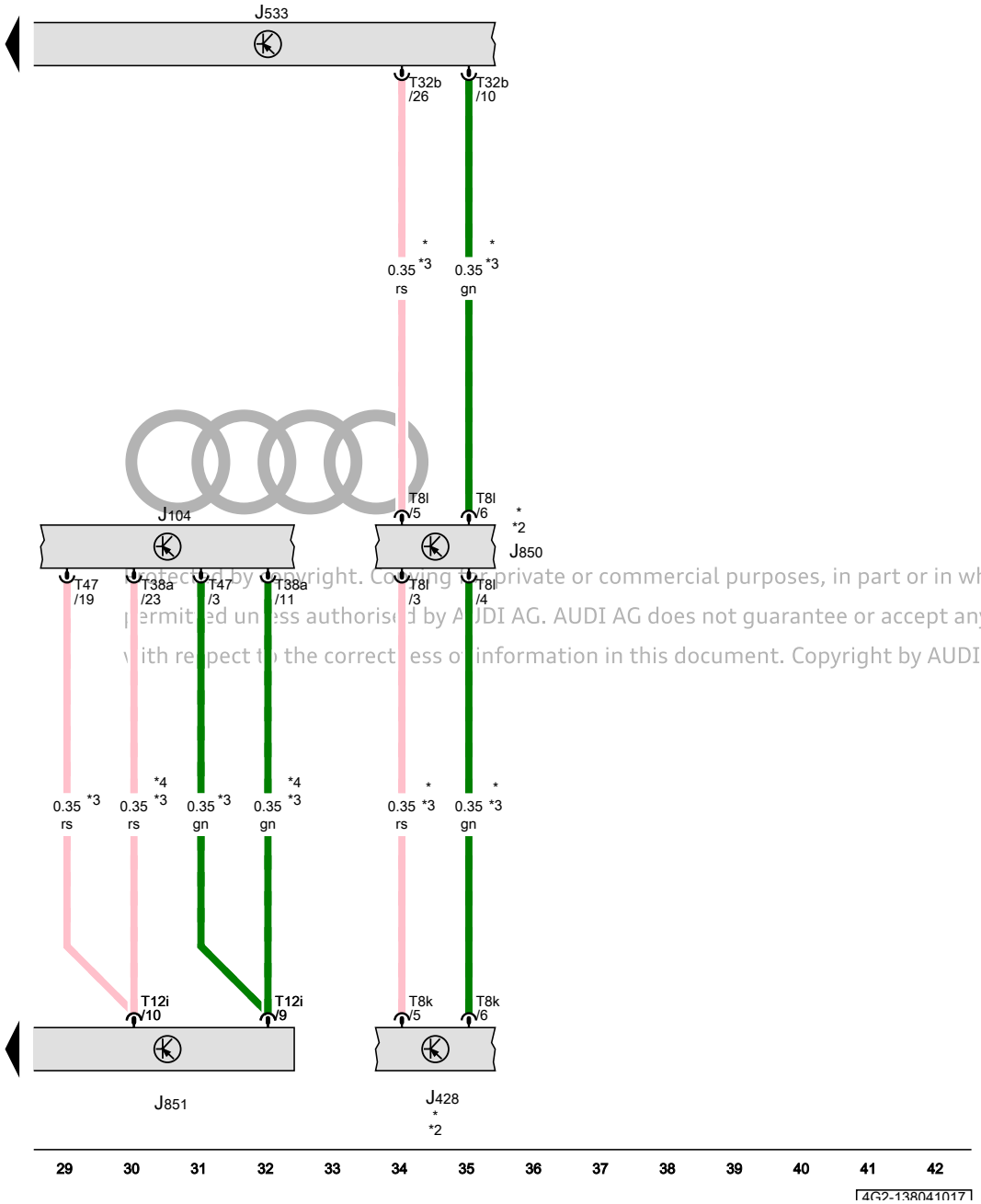


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Image processing control unit, Camera control unit

J533	Data bus diagnostic interface
J851	Image processing control unit
J852	Camera control unit
T5c	5-pin connector
T5i	5-pin connector
T12i	12-pin connector
T32b	32-pin connector
43	Earth point, lower part of right A-pillar
380	Earth connection 15, in main wiring harness
*	According to equipment
*2	For models with adaptive cruise control (ACC)
*3	Screening on connector housing
*4	Data bus wire (FlexRay bus)

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Adaptive cruise control unit, Control unit 2 for adaptive cruise control, Image processing control unit

J104	ABS control unit
J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J850	Control unit 2 for adaptive cruise control
J851	Image processing control unit
T8k	8-pin connector
T8l	8-pin connector
T12i	12-pin connector
T32b	32-pin connector
T38a	38-pin connector
T47	47-pin connector
*	For models with adaptive cruise control (ACC)
*2	see applicable current flow diagram for adaptive cruise control
*3	Data bus wire (FlexRay bus)
*4	From June 2014

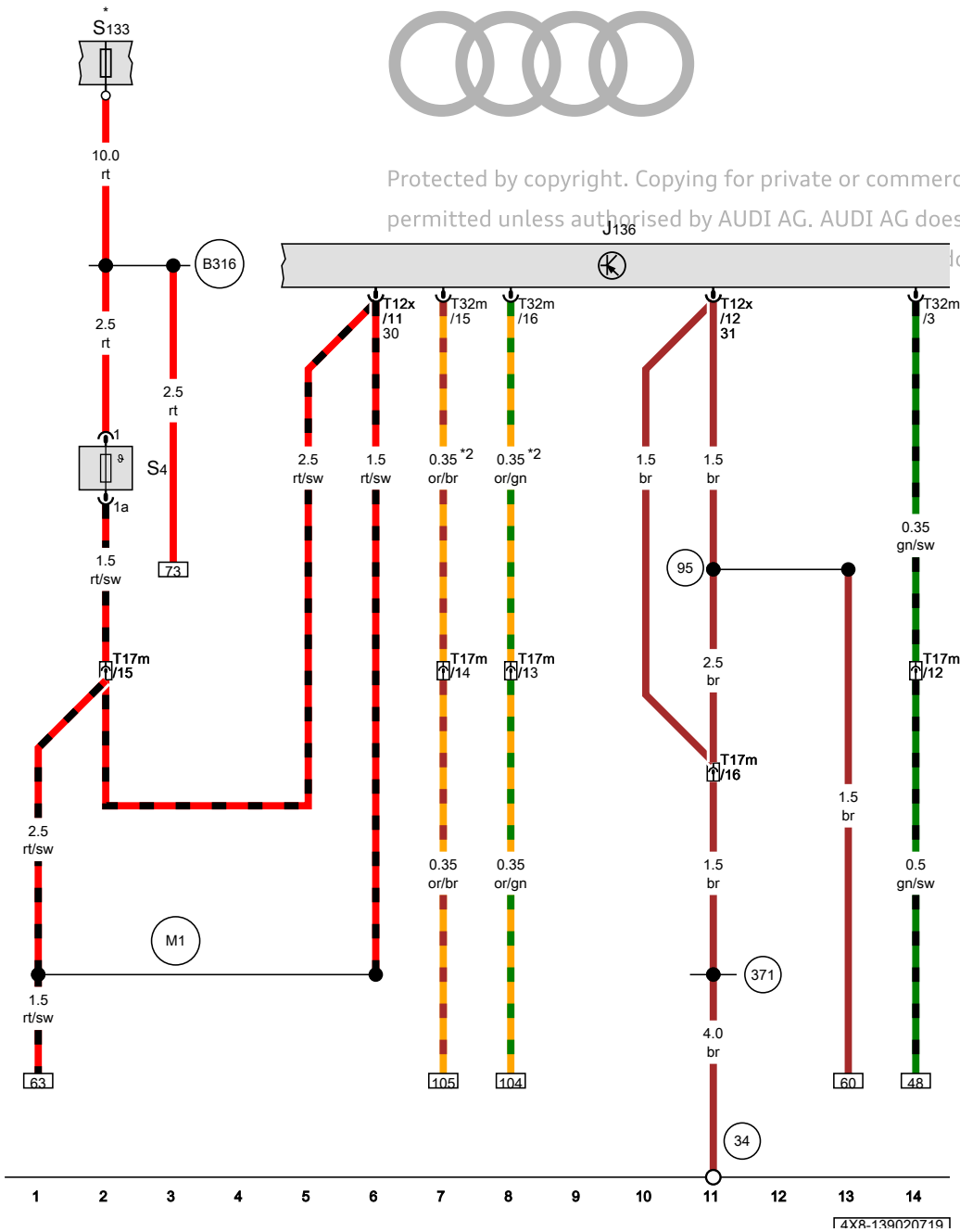
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Adjustable driver and front passenger seats , (Q1A),(Q1D),(Q4Q),(3L4),(4V0)

From January 2011

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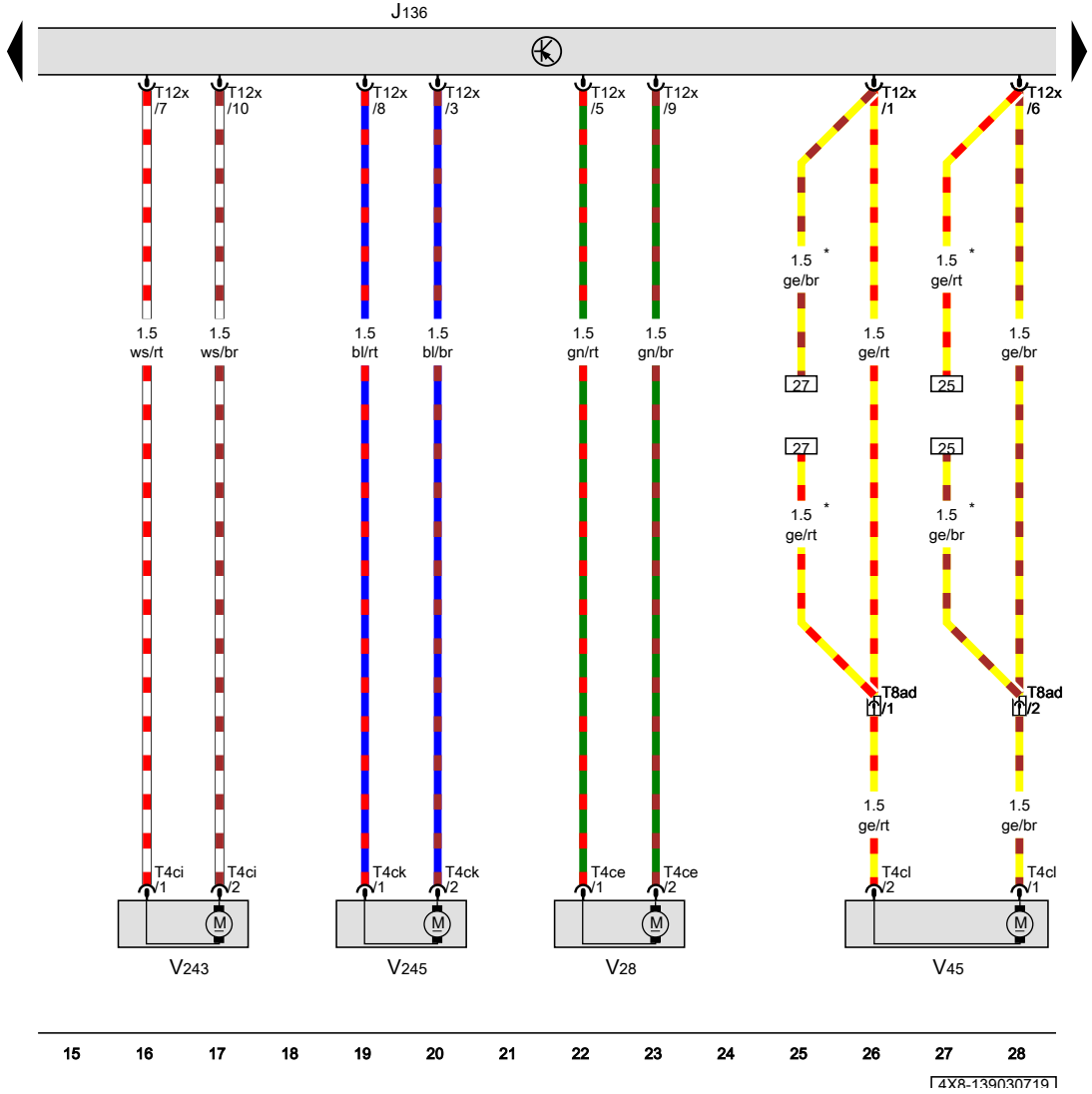
Seat and steering column adjustment control unit with memory, Driver seat adjustment thermal fuse 1

J136	Seat and steering column adjustment control unit with memory
S44	Driver seat adjustment thermal fuse 1, in left A-pillar coupling station
S133	Fuse 3
T12x	12-pin connector
T17m	17-pin connector, in coupling point for front seat, left
T32m	32-pin connector
34	Earth point, under driver seat
95	Earth connection 1, in seat adjustment wiring harness
371	Earth connection 6, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Convenience CAN bus

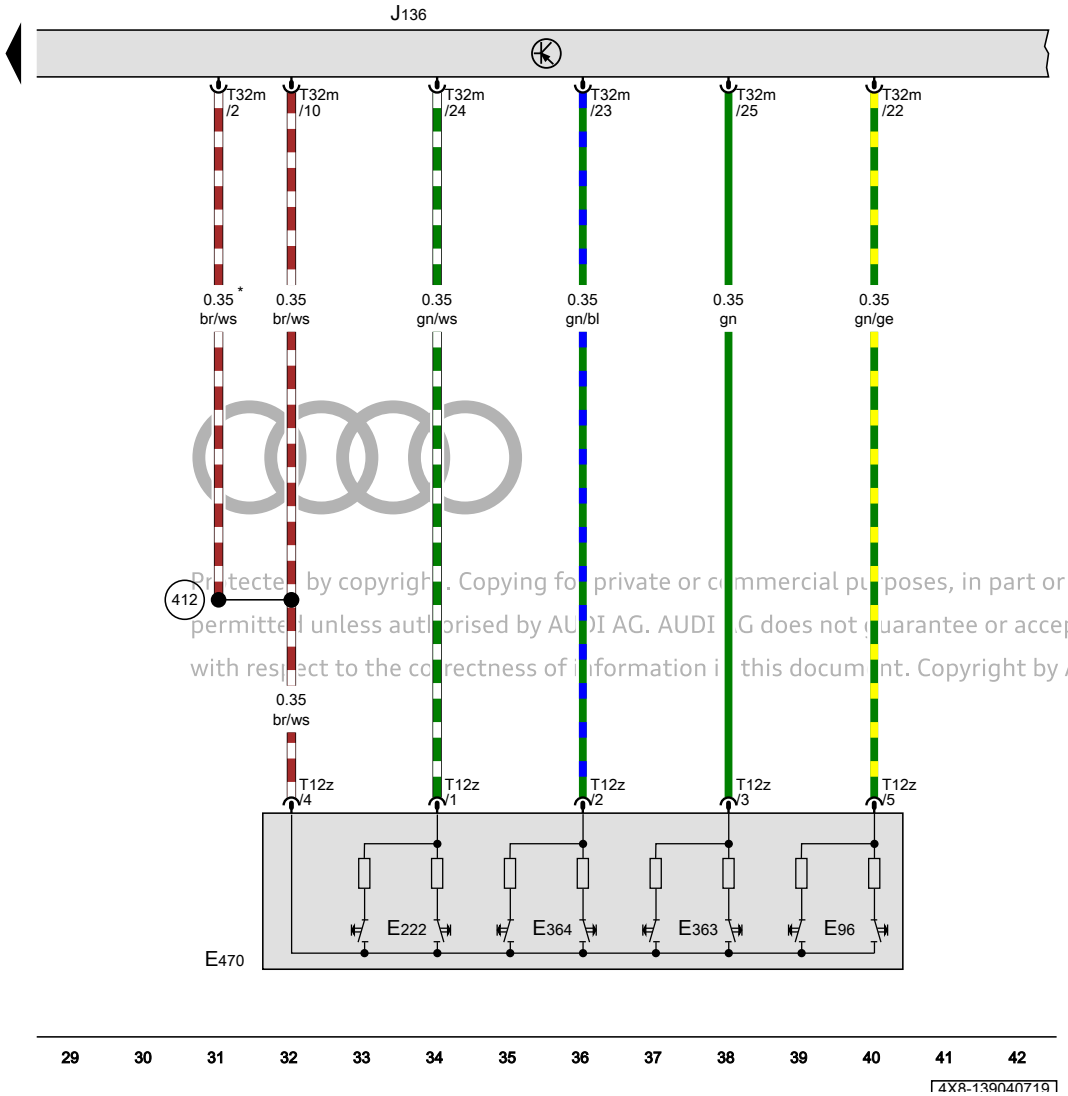
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Seat and steering column adjustment control unit with memory, Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor, Driver seat rake adjustment motor, Driver seat height adjustment motor

J136	Seat and steering column adjustment control unit with memory
T4ce	4-pin connector
T4ci	4-pin connector
T4ck	4-pin connector
T4cl	4-pin connector
T8ad	8-pin connector, in driver seat
T12x	12-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
*	gradual introduction



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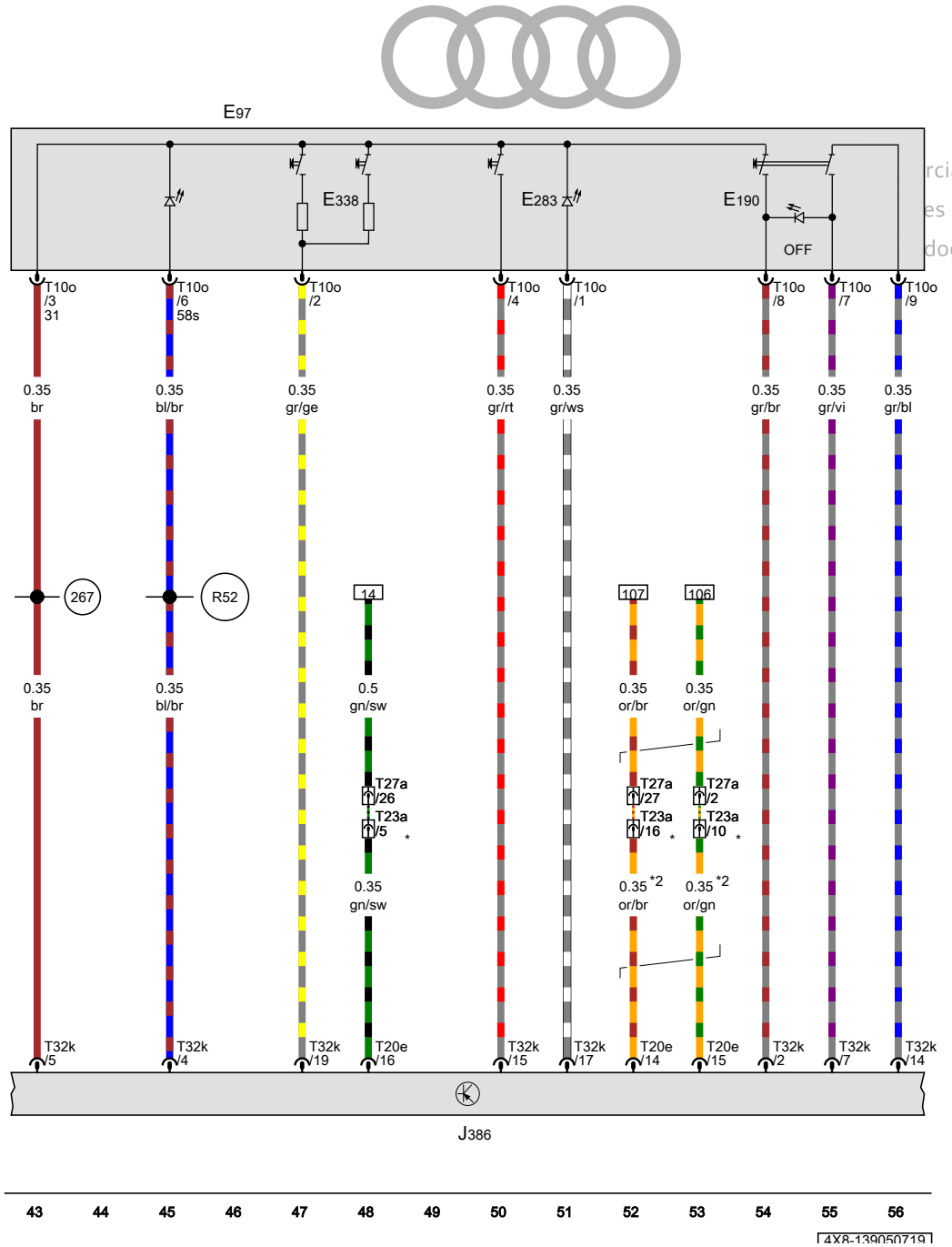


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Driver seat adjustment operating unit, Seat and steering column adjustment control unit with memory

E96	Driver seat backrest adjustment switch
E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
E364	Driver seat height adjustment switch
E470	Driver seat adjustment operating unit
J136	Seat and steering column adjustment control unit with memory
T12z	12-pin connector
T32m	32-pin connector
412	Earth connection 3, in seat adjustment wiring harness
*	gradual introduction

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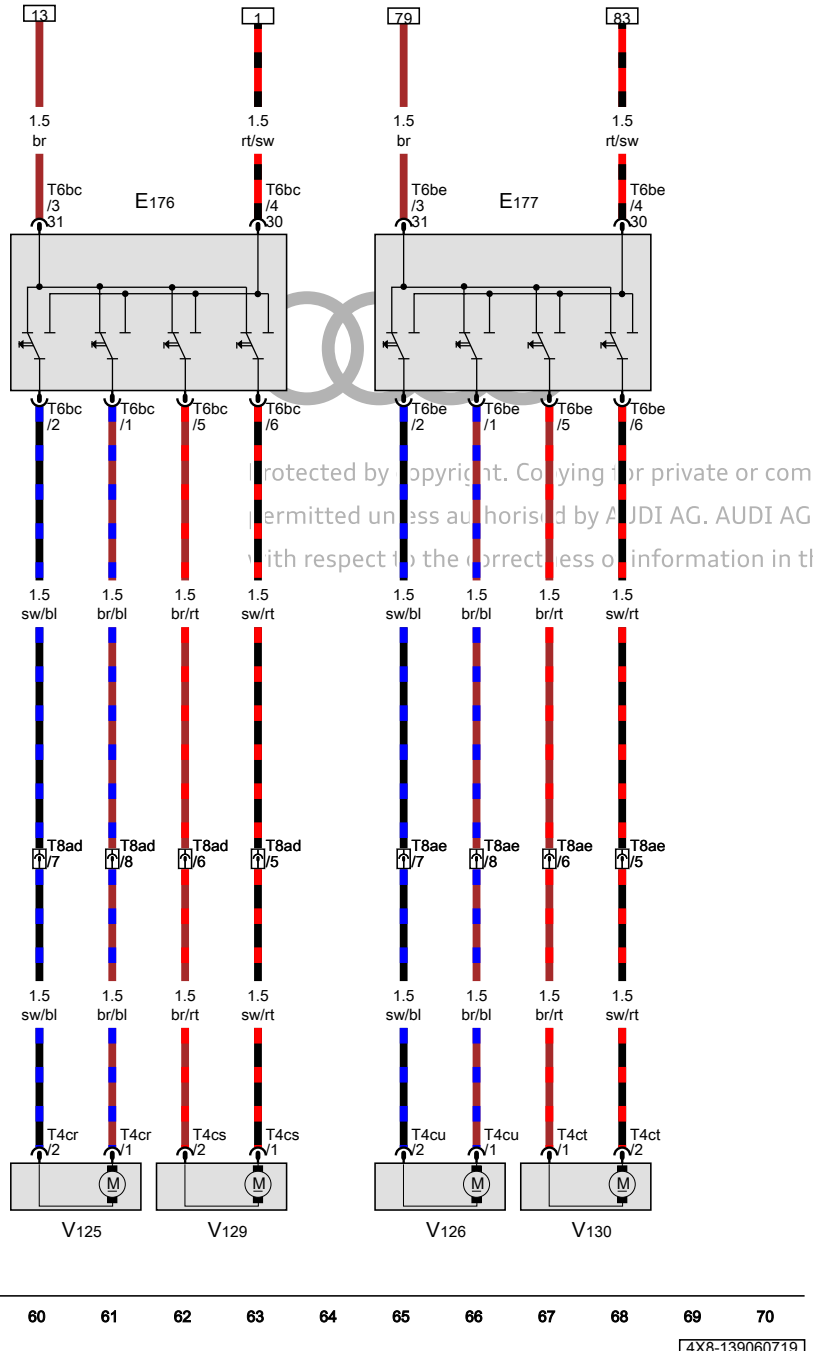


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Driver seat memory operating unit, Emergency-off button, Driver door control unit

E97	Driver seat memory operating unit
E190	Emergency-off button
E283	Driver seat memory function button
E338	Seat memory button for seat positions 1 and 2
J386	Driver door control unit
T10o	10-pin connector
T20e	20-pin connector
T23a	23-pin connector, on left A-pillar
T27a	27-pin connector, on left A-pillar
T32k	32-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	From June 2011
*2	Data bus wire (CAN bus)

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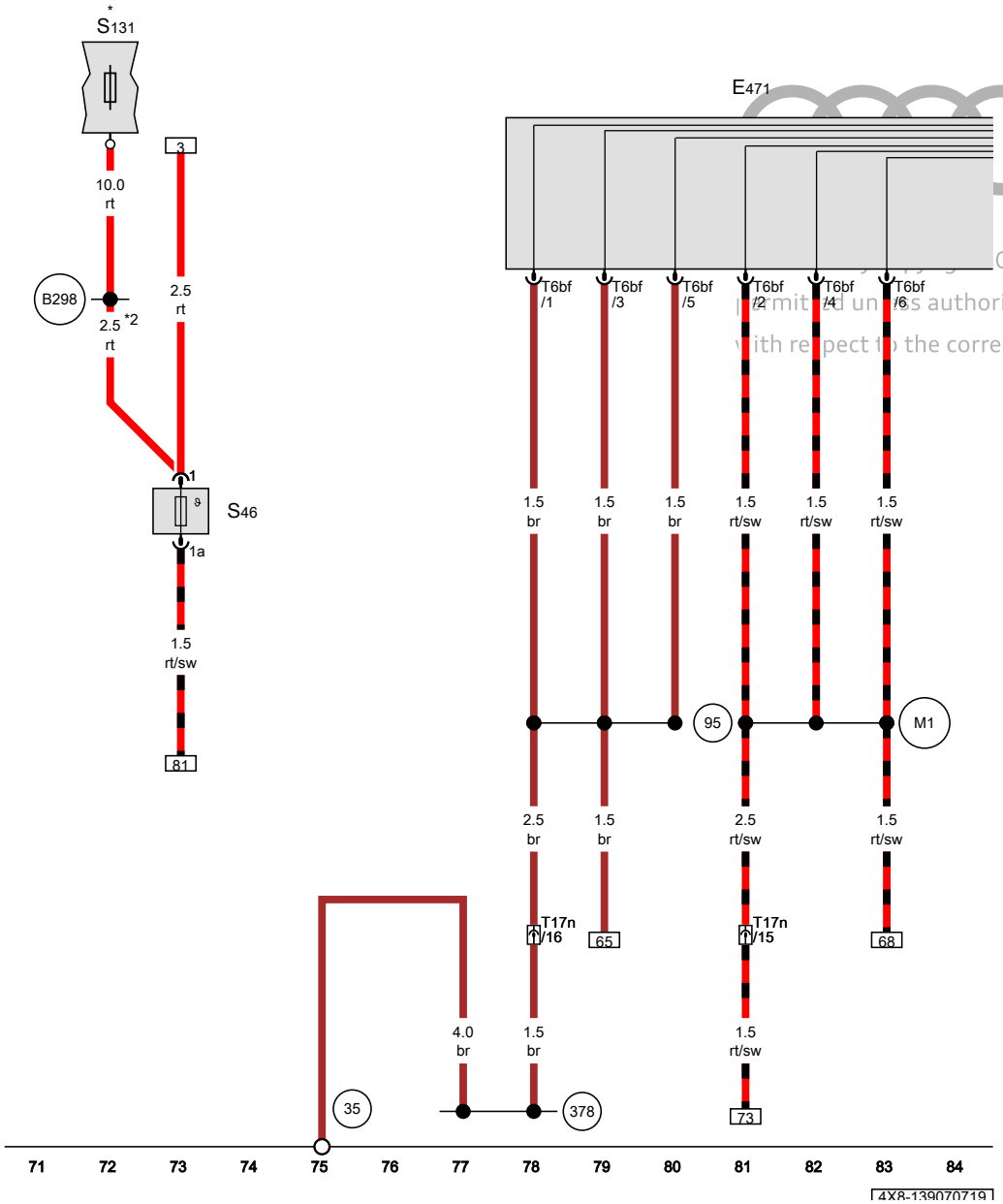


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Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
T4cr	4-pin connector
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T6bc	6-pin connector
T6be	6-pin connector
T8ad	8-pin connector, in driver seat
T8ae	8-pin connector, in front passenger seat
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor

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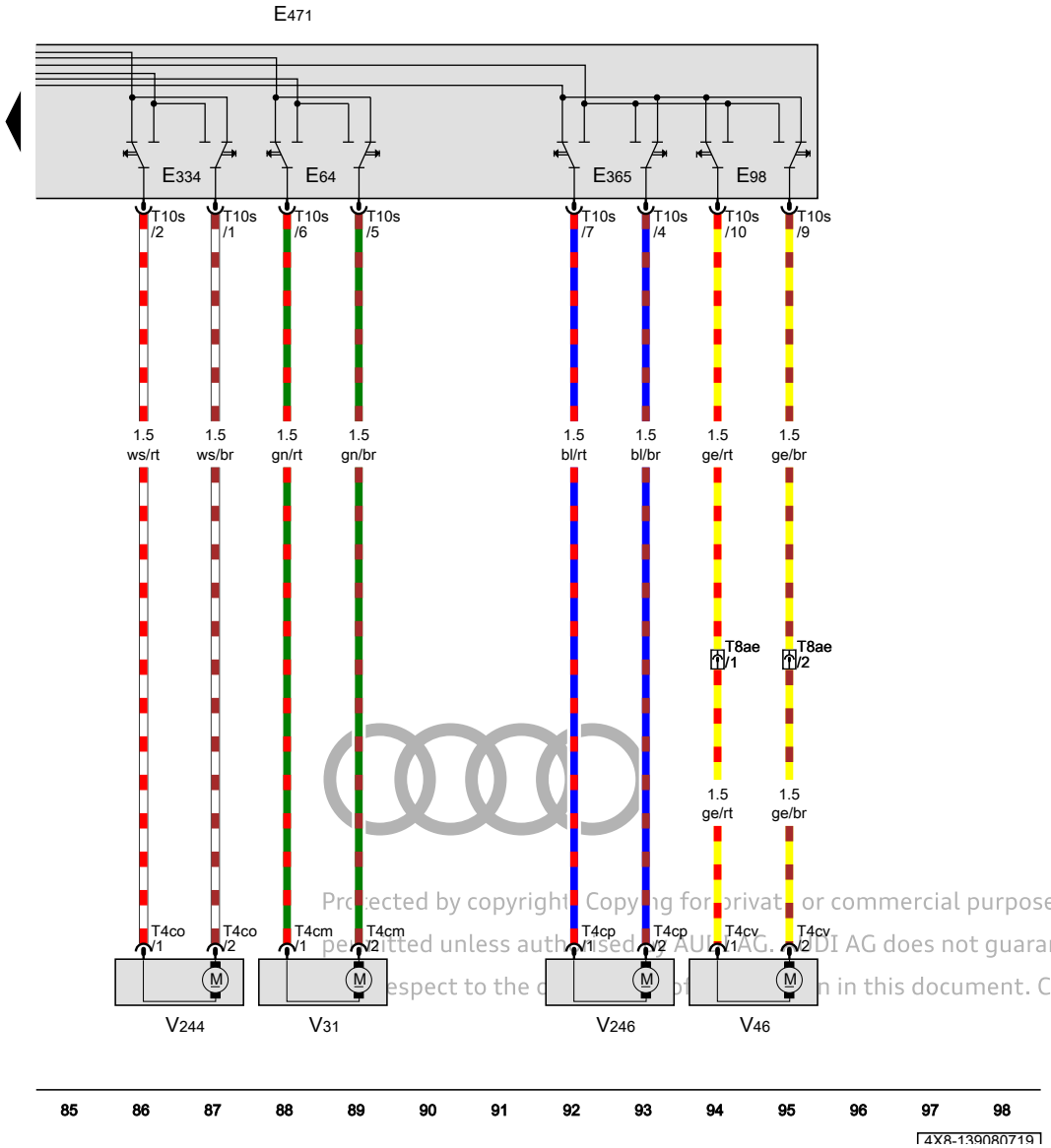
Front passenger seat adjustment operating unit, Front passenger seat adjustment thermal fuse 1

E471	Front passenger seat adjustment operating unit
S46	Front passenger seat adjustment thermal fuse 1, in left A-pillar coupling station
S131	Fuse 1
T6bf	6-pin connector
T17n	17-pin connector, in coupling point for front seat, right
35	Earth point, under front passenger seat
95	Earth connection 1, in seat adjustment wiring harness
378	Earth connection 13, in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2014

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Front passenger seat adjustment operating unit

E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E471	Front passenger seat adjustment operating unit
T4cm	4-pin connector
T4co	4-pin connector
T4cp	4-pin connector
T4cv	4-pin connector
T8ae	8-pin connector, in front passenger seat
T10s	10-pin connector
V31	Front passenger seat longitudinal adjustment motor
V46	Front passenger seat backrest adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor

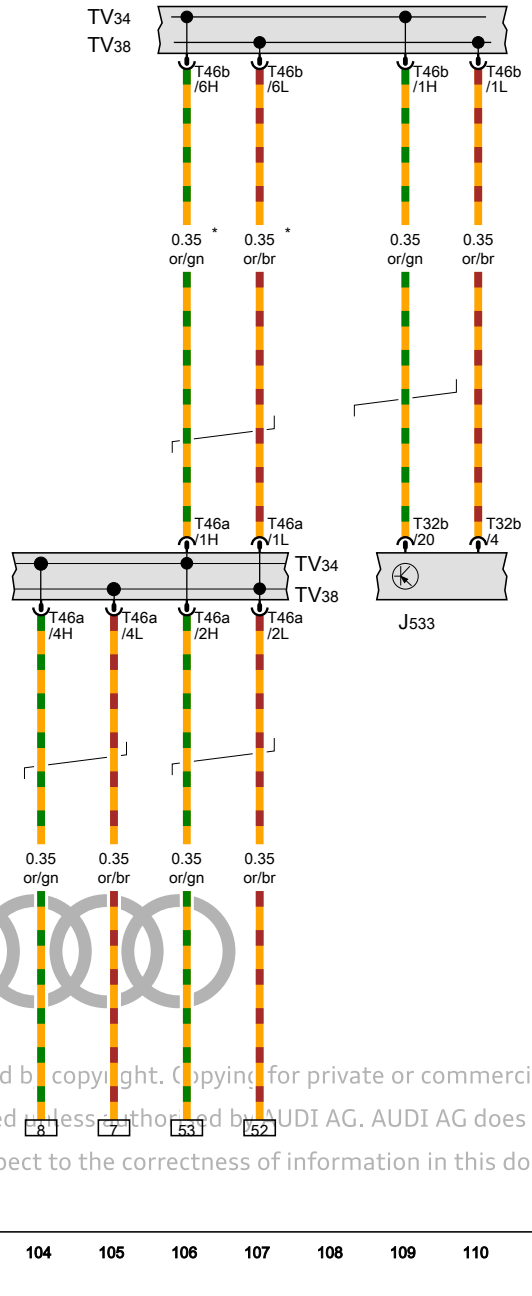


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Data bus diagnostic interface, Wiring junction for convenience CAN bus, low

J533	Data bus diagnostic interface
T32b	32-pin connector
T46a	46-pin connector
T46b	46-pin connector
TV34	Wiring junction for convenience CAN bus, high
TV38	Wiring junction for convenience CAN bus, low
*	Data bus wire (CAN bus)



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99 100 101 102 103 104 105 106 107 108 109 110 111 112

4X8-1390907191

1 Fuses

1.1 Overview of fuses

1 - Fuses on coupling station, lower part of right A-pillar

- ❑ Right-hand drive vehicles only

- ♦ Driver seat adjustment thermal fuse 1 -S44-
- ♦ Front passenger seat adjustment thermal fuse 1 -S46-
- ♦ Fuse 3 (30) -S206-
  - ❑ Fitting location and fuse assignment ⇒ page 83

2 - Fuse holder C -SC-

- ❑ Fitting location, left-hand drive models ⇒ page 44
- ❑ Fitting location, right-hand drive models ⇒ page 50
- ❑ Fuse assignment, left-hand drive models ⇒ page 46
- ❑ Fuse assignment, right-hand drive models ⇒ page 51

3 - Fuses on relay carrier behind dash panel

Right-hand drive vehicles only

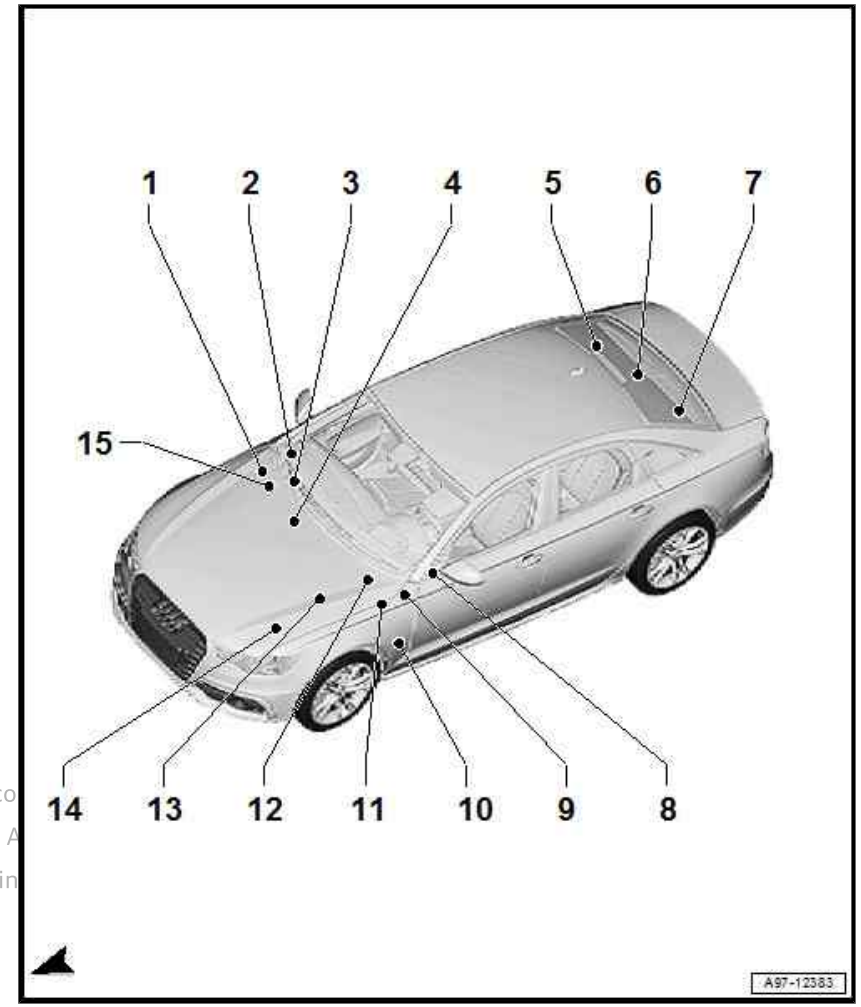
- ♦ Fuse 7 (30) -S210-
  - ❑ Fitting location and fuse assignment ⇒ page 58

4 - Terminal 30 wiring junction -TV2-

- ♦ Radiator fan single fuse -S42-
- ♦ Radiator fan fuse for 2nd speed -S104-
- ♦ Wiring junction fuse -S330-
  - ❑ Fitting location and fuse assignment ⇒ page 85
  - ❑ Fitting location and fuse assignment, models with high-voltage system ⇒ page 86

5 - Fuse holder F -SF-

- ♦ Heated rear window single fuse -S41- , from model year 2015
- ♦ Levelling system fuse -S110- , from model year 2015
- ♦ Taximeter fuse -S182-



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- Rear lid remote release fuse -S195- , up to model year 2014
- Fuse 1 (15) -S199-
- Fuse 1 (30) -S204- , from model year 2015
- Optional equipment main fuse -S245-
- Thermal fuse 1 -S361-
- Thermal fuse 2 -S362-
  - Fitting location, up to model year 2014 ⇒ page 62
  - Fitting location, from model year 2015 ⇒ page 64
  - Fuse assignment ⇒ page 66

6 - not assigned

7 -
Main fuse carrier on the battery -A-

- Fuse 1 -S131-
- Fuse 2 -S132-
- Fuse 3 -S133-
- Battery isolation igniter -N253-
  - Fitting location and fuse assignment ⇒ page 84

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- Wiring junction -TV1- , models with high-voltage system, from calendar week 47/2016

- Fuse 3 (30) -S206-
- Fuse 5 (30) -S208-
- Fuse 6 (30) -S209-
- Second battery fuse -S65-
- Battery isolation relay -J7-
- Blocking diode for disconnecting electrical system -J1165-
  - Location and position of fuses

8 - Fuse holder B -SB-

- Fitting location, left-hand drive models ⇒ page 24
- Fitting location, right-hand drive models ⇒ page 34
- Fuse assignment, left-hand drive models ⇒ page 26
- Fuse assignment, right-hand drive models ⇒ page 37

9 -
Fuses on additional relay carrier in relay carrier behind dash panel

- Heater element fuse 1 -S276-
- Heater element fuse 2 -S277-
  - Fitting location and fuse assignment ⇒ page 60

10 -
Fuse holder D -SD-

Left-hand drive vehicles only
- ABS control unit fuse 1 -S123-
  - -S123- for right-hand drive, on coupling station on left A-pillar ⇒ page 82
  - Fitting location ⇒ page 54
  - Fuse assignment ⇒ page 57

11 -
Fuses in coupling station on left A-pillar

- Driver seat adjustment thermal fuse 1 -S44- , left-hand drive
- Front passenger seat adjustment thermal fuse 1 -S46- , left-hand drive
- ABS control unit fuse 1 -S123- , right-hand drive
- ABS control unit fuse 2 -S124- , right-hand drive
  - -S44- , -S46- for right-hand drive, on coupling station on right A-pillar ⇒ page 83
  - Fitting location and fuse assignment, left-hand drive models ⇒ page 80
  - Fitting location and fuse assignment, right-hand drive models ⇒ page 82

12 -
Fuse holder A -SA- in electronics box in plenum chamber

- Automatic gearbox control unit fuse -S113-
- Glow plug fuse -S125-
- Secondary air pump fuse -S130-
- Fuse 7 (30) -S210-
  - Fitting location, LHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 5
  - Fitting location, RHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 7
  - Fitting location, only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 9
  - Fuse assignment, 4-cylinder petrol engine, without high-voltage system ⇒ page 10
  - Fuse assignment, 6-cylinder petrol engine ⇒ page 12

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- ❑ Fuse assignment, 8-cylinder petrol engine ⇒ page 15
- ❑ Fuse assignment, diesel engine, with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 19
- ❑ Fuse assignment, diesel engine, only MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 21
- ❑ Fuse assignment, models with high-voltage system ⇒ page 22

13 -
Terminal 30 wiring junction 2 -TV22- , models with high-voltage system

- ♦ Fuse 1 (30) -S204-
- ♦ Fuse 2 (30) -S205-
  - ❑ Fitting location and fuse assignment ⇒ page 87

14 - Fuse holder A -SA- in electronics box in engine compartment

- ❑ Only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF
- ♦ Automatic gearbox control unit fuse -S113-
- ♦ Glow plug fuse -S125-
  - ❑ Fitting location ⇒ page 9
  - ❑ Fuse assignment ⇒ page 21

15 - Jump start socket -U6-

- ❑ Fitting location and assignment ⇒ page 88

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1.2 Fitting location of fuse holder A -SA-

⇒ “1.2.1 Fitting location of fuse holder A SA , LHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF”, page 5

⇒ “1.2.2 Fitting location of fuse holder A SA , RHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF“, page 7

⇒ “1.2.3 Fitting location of fuse holder A SA , only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF”, page 9

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1.2.1 Fitting location of fuse holder A -SA- , LHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

Fitting location

In electronics box on left in plenum chamber.

A - Fuse holder A -SA-

- ❑ Fuse assignment, 4-cylinder petrol engine, without high-voltage system ⇒ page 10
- ❑ Fuse assignment, 6-cylinder petrol engine ⇒ page 12
- ❑ Fuse assignment, 8-cylinder petrol engine ⇒ page 15
- ❑ Fuse assignment, diesel engine, with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 19
- ❑ Fuse assignment, models with high-voltage system ⇒ page 22

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Fuse colours

- ♦ 40 A - orange
- ♦ 30 A - light green
- ♦ 25 A - clear
- ♦ 20 A - yellow
- ♦ 15 A - light blue
- ♦ 10 A - red
- ♦ 7.5 A - brown
- ♦ 5 A - light brown

B - not assigned

C - Secondary air pump fuse -S130- , 50 A, V6 FSI

C - Glow plug fuse -S125- , 60 A, 80 A, V6 TDI

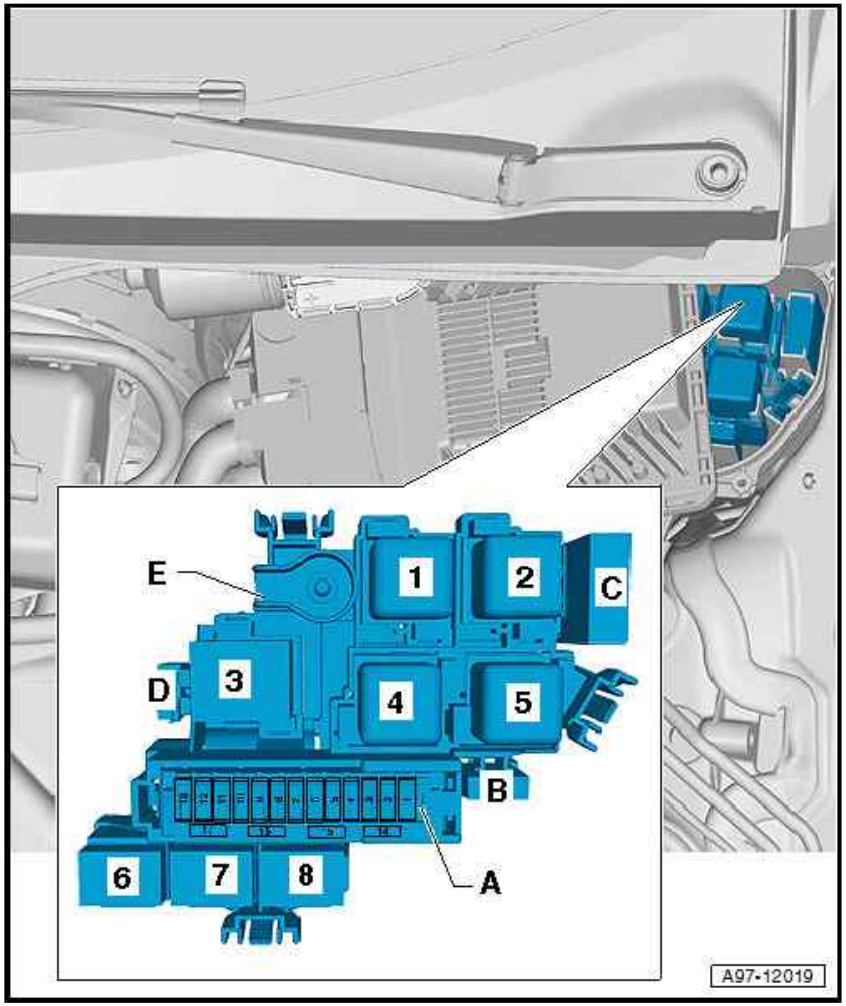
D - Automatic gearbox control unit fuse -S113- , 50 A

- ❑ models with 7-speed dual clutch gearbox, 0CK only

D - Fuse 7 (30) -S210- , 50 A

- ❑ Models with high-voltage system only

E - Terminal 30



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1.2.2 “Fitting location of fuse holder A -SA- , RHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF“

Fitting location

In electronics box on right in plenum chamber.

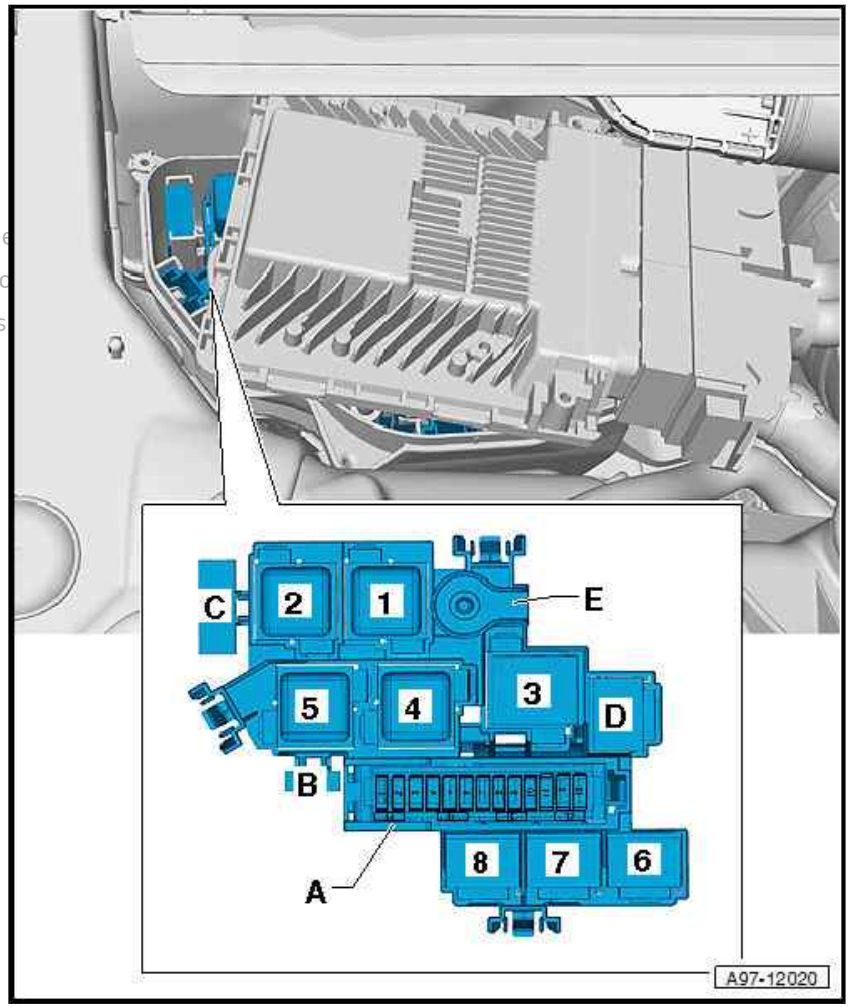
A - Fuse holder A -SA-

- ❑ Fuse assignment, 4-cylinder petrol engine, without high-voltage system ⇒ page 10
- ❑ Fuse assignment, 6-cylinder petrol engine ⇒ page 12
- ❑ Fuse assignment, 8-cylinder petrol engine ⇒ page 15
- ❑ Fuse assignment, diesel engine, with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 19
- ❑ Fuse assignment, models with high-voltage system ⇒ page 22

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Fuse colours

- ♦ 40 A - orange
- ♦ 30 A - light green
- ♦ 25 A - clear
- ♦ 20 A - yellow
- ♦ 15 A - light blue
- ♦ 10 A - red
- ♦ 7.5 A - brown
- ♦ 5 A - light brown



B - Automatic gearbox control unit fuse -S113- , 50 A

- ❑ models with 7-speed dual clutch gearbox, 0CK only
- ❑ up to model year 2014

B - Fuse 7 (30) -S210- , 50 A

- ❑ Models with high-voltage system only
- ❑ up to model year 2014

B - not assigned

- ❑ from model year 2015

C - Secondary air pump fuse -S130- , 50 A, V6 FSI

C - Glow plug fuse -S125- , 60 A, 80 A, V6 TDI

D - not assigned

- ❑ up to model year 2014

D - Automatic gearbox control unit fuse -S113- , 50 A

- ❑ models with 7-speed dual clutch gearbox, 0CK only
- ❑ from model year 2015

D - Fuse 7 (30) -S210- , 50 A

- ❑ Models with high-voltage system only
- ❑ from model year 2015

E - Terminal 30

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1.2.3 Fitting location of fuse holder A -SA- , only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

Fitting location

In electronics box, at front left in engine compartment.

A - Glow plug fuse -S125- , 60 A, 80 A

B - Automatic gearbox control unit fuse -S113- , 50 A

- ❑ models with 7-speed dual clutch gearbox, 0CK only

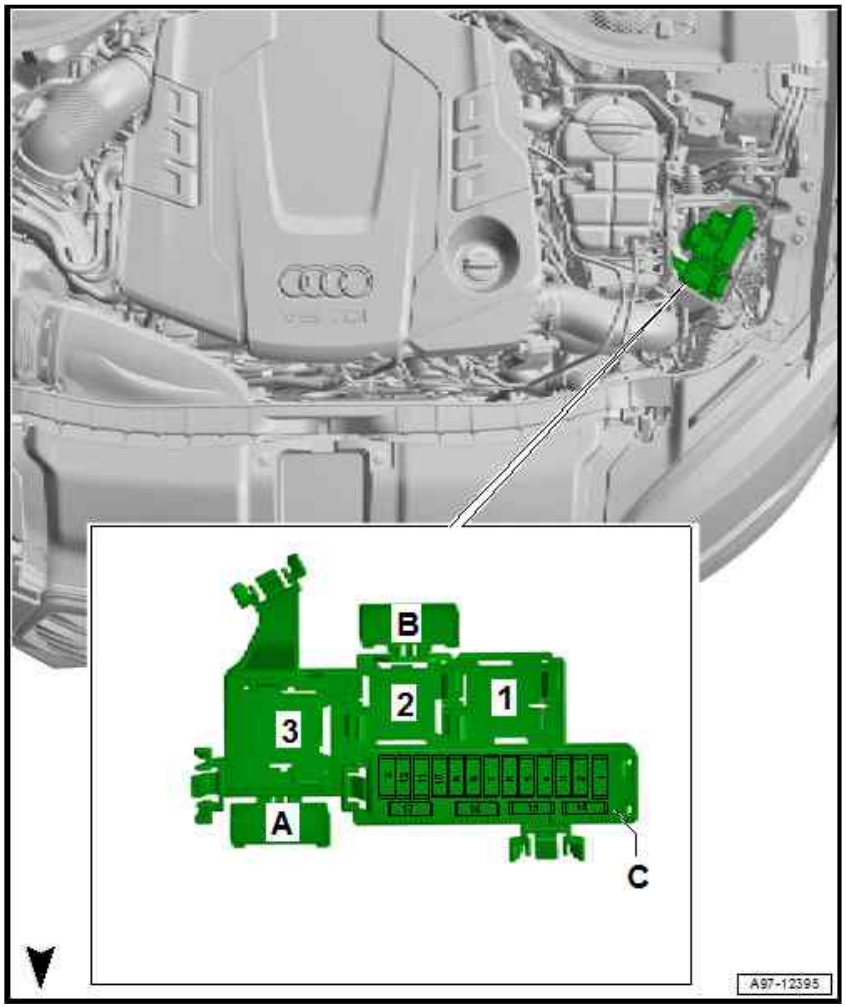
C - Fuse holder A -SA-

- ❑ Fuse assignment ⇒ page 21

Fuse colours

- ♦ 40 A - orange
- ♦ 30 A - light green
- ♦ 25 A - clear
- ♦ 20 A - yellow
- ♦ 15 A - light blue
- ♦ 10 A - red
- ♦ 7.5 A - brown
- ♦ 5 A - light brown

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1.3 Fuse assignment for fuse holder A -SA-

⇒ “1.3.1 Fuse assignment for fuse holder A SA , 4 cylinder petrol engine, without high-voltage system”, page 10

⇒ “1.3.2 Fuse assignment for fuse holder A SA , 6-cylinder petrol engine”, page 12

⇒ “1.3.3 Fuse assignment for fuse holder A SA , 8-cylinder petrol engine”, page 15

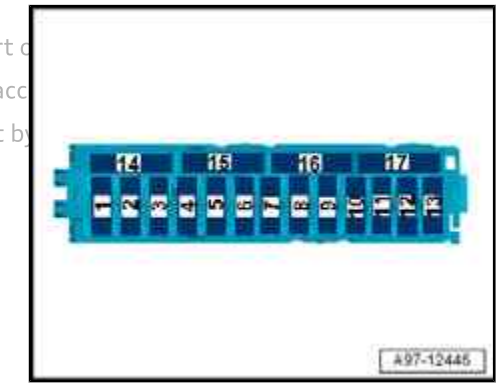
⇒ “1.3.4 Fuse assignment for fuse holder A SA , diesel, except MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF”, page 19

⇒ “1.3.5 Fuse assignment for fuse holder A SA , diesel, only MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF”, page 21

⇒ "1.3.6 Fuse assignment, fuse holder A SA , models with high-voltage system", page 22

1.3.1 Fuse assignment for fuse holder A -SA- , 4 cylinder petrol engine, without high-voltage system

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	15 A	-	Automatic gearbox control unit -J217- 1) 2) Auxiliary hydraulic pump 1 for gearbox oil -V475- 2) 3)	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	15
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Engine control unit -J623- Air mass meter -G70- 2)	15
4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30

5	-	Fuse 5 on fuse holder A -SA5-	10 A [1] 15 A [2] [3]	-	Actuator 1 for camshaft adjustment -F366- [2] [3] Actuator 2 for camshaft adjustment -F367- [2] [3] Actuator 3 for camshaft adjustment -F368- [2] [3] Actuator 4 for camshaft adjustment -F369- [2] [3] Actuator 5 for camshaft adjustment -F370- [2] [3] Actuator 6 for camshaft adjustment -F371- [2] [3] Actuator 7 for camshaft adjustment -F372- [2] [3] Actuator 8 for camshaft adjustment -F373- [2] [3] Fuel pressure regulating valve -N276- [1]	87
6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Engine control unit -J623- [1]	87
7	-	Fuse 7 on fuse holder A -SA7-	15 A	-	Actuator 1 for camshaft adjustment -F366- [1] Actuator 2 for camshaft adjustment -F367- [1] Actuator 3 for camshaft adjustment -F368- [1] Actuator 4 for camshaft adjustment -F369- [1] Actuator 5 for camshaft adjustment -F370- [1] Actuator 6 for camshaft adjustment -F371- [1] Actuator 7 for camshaft adjustment -F372- [1] Actuator 8 for camshaft adjustment -F373- [1] Activated charcoal filter solenoid valve 1 -N80- Left electrohydraulic engine mounting solenoid valve -N144- [1] Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Exhaust camshaft control valve 1 -N318- [3] Oil pressure control valve -N428- Piston cooling jet control valve -N522- [2] [3] Coolant circulation pump -V50- [1]	87
8	-	not assigned		-		
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	50
10	-	Fuse 10 on fuse holder A -SA10-	15 A [1] 5 A [2] [3]	-	Left electrohydraulic engine mounting solenoid valve -N144- [2] [3] Right electrohydraulic engine mounting solenoid valve -N145- [2] Continued coolant circulation pump -V51- [2] [3] Lambda probe heater -Z19- [1] Lambda probe 1 heater after catalytic converter -Z29- [1]	30
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293-	87
12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	15
13	-	not assigned		-		

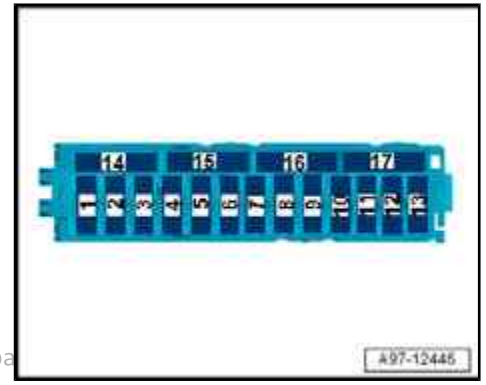
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14	-	Fuse 14 on fuse holder A -SA14-	20 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292-	30
15	-	Fuse 15 on fuse holder A -SA15-	15 A	-	Lambda probe heater -Z19- 2) 3)	87
16	-	Fuse 16 on fuse holder A -SA16-	15 A	-	Injector 2 for cylinder 1 -N532- 2) 3) Injector 2 for cylinder 2 -N533- 2) 3) Injector 2 for cylinder 3 -N534- 2) 3) Injector 2 for cylinder 4 -N535- 2) 3) Engine control unit -J623- 2) 3)	87
17	-	Fuse 17 on fuse holder A -SA17-	15 A	-	Lambda probe 1 heater after catalytic converter -Z29- 2) 3)	87

- 1) Engine codes CAEB, CAED, CDNB, CDZA only
- 2) For engine codes CUHA, CYNB, CYPA, CYPB only
- 3) For engine codes CYGA, CYYA only

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1.3.2 Fuse assignment for fuse holder A -SA- , 6-cylinder petrol engine



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	10 A/15 A 6)	-	Automatic gearbox control unit -J217- 2) 3) 4) 5) Auxiliary hydraulic pump 1 for gearbox oil -V475- 3) 4)	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	15
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Engine control unit -J623-	15

4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30
5	-	Fuse 5 on fuse holder A -SA5-	10 A 1) 2) 3) 4) 7.5 A 5)	-	Fuel metering valve -N290- 1) 2) 3) 4) Magnetic clutch for supercharger -N421- 5)	87
6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Secondary air pump relay -J299- 4) 5) Additional coolant pump relay -J496- 4) Engine control unit -J623- 1) 2) 3) Activated charcoal filter solenoid valve 1 -N80- 4) 5) Secondary air inlet valve -N112- 4) 5) Variable intake manifold changeover valve -N156- 4) Oil pressure control valve -N428- 1) 2) 3) 4) 5) Coolant valve for cylinder head -N489- 4) 5) Crankcase breather shut-off valve -N548- 4) 5) Engine oil cooler valve -N554- 5)	87
7	-	Fuse 7 on fuse holder A -SA7-	15 A	-	Actuator 1 for camshaft adjustment -F366- 2) 3) Actuator 2 for camshaft adjustment -F367- 2) 3) Actuator 3 for camshaft adjustment -F368- 2) 3) Actuator 4 for camshaft adjustment -F369- 2) 3) Actuator 5 for camshaft adjustment -F370- 2) 3) Actuator 6 for camshaft adjustment -F371- 2) 3) Actuator 7 for camshaft adjustment -F372- 2) 3) Actuator 8 for camshaft adjustment -F373- 2) 3) Actuator 9 for camshaft adjustment -F374- 2) 3) Actuator 10 for camshaft adjustment -F375- 2) 3) Actuator 11 for camshaft adjustment -F376- 2) 3) Actuator 12 for camshaft adjustment -F377- 2) 3) Camshaft control valve 1 -N205- 1) 2) 4) 5) Camshaft control valve 2 -N208- 1) 2) 4) 5) Intake manifold flap valve -N316- 5) Exhaust camshaft control valve 1 -N318- 2) 3) 4) 5) Exhaust camshaft control valve 2 -N319- 2) 3) 4) 5)	87
8	-	Fuse 8 on fuse holder A -SA8-	15 A	-	Injector 2 for cylinder 1 -N532- 5) Injector 2 for cylinder 2 -N533- 5) Injector 2 for cylinder 3 -N534- 5) Injector 2 for cylinder 4 -N535- 5) Injector 2 for cylinder 5 -N536- 5) Injector 2 for cylinder 6 -N537- 5)	87
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- 2) 3) 4) Engine control unit -J623- 2) 3) 4)	50

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10	-	Fuse 10 on fuse holder A -SA10-	15 A 1) 2) 3) 10 A 5)	-	Lambda probe heater -Z19-) 1) 2) 3) Lambda probe heater 2 -Z28- 1) 2) 3) Left electrohydraulic engine mounting solenoid valve -N144- 5) Right electrohydraulic engine mounting solenoid valve -N145- 5) Charge air cooling pump -V188- 5)	30
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671- 1) 2) 3)	87
12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	15
13	-	Fuse 13 on fuse holder A -SA13-	5 A	-	Gearbox oil cooling valve -N509- 1) 2) 3) 4) 5)	15
14	-	Fuse 14 on fuse holder A -SA14-	20 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Ignition coil 5 with output stage -N323- Ignition coil 6 with output stage -N324-	30
15	-	Fuse 15 on fuse holder A -SA15-	20 A	-	Lambda probe heater -Z19- 4) 5) Lambda probe heater 2 -Z28- 4) 5)	87
16	-	Fuse 16 on fuse holder A -SA16-	15 A 1) 2) 3) 20 A 4) 5)	-	Secondary air pump relay -J299- 1) 2) 3) Additional coolant pump relay -J496- 1) 2) Engine control unit -J623- 4) 5) Activated charcoal filter solenoid valve 1 -N80- 1) 2) 3) Secondary air inlet valve -N112- 1) 2) 3) Left electrohydraulic engine mounting solenoid valve -N144- 1) Right electrohydraulic engine mounting solenoid valve -N145- 1) Variable intake manifold change-over valve -N156- 2) 3) Secondary air inlet valve 2 -N320- 1) 1) 3) Valve for oil pressure control -N428- 1) 2) 3) Cylinder head coolant valve -N489- 1), 2), 3) Crankcase breather shut-off valve -N548- 1) 2) 3) Charge air cooling pump -V188- 1)	87
17	-	Fuse 17 on fuse holder A -SA17-	15 A 1) 2) 3) 4) 20 A 5)	-	Lambda probe 1 heater after catalytic converter -Z29- Lambda probe 2 heater after catalytic converter -Z30-	87

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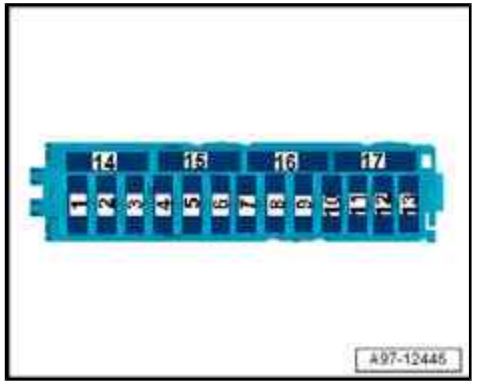
- 1) Engine codes CGWB, CGWD, CGXB, CHMA, CTTA, CTUA only
- 2) Engine codes CHVA, CNYB only
- 3) Engine codes CLXA, CLXB only
- 4) Engine code CVPA only

- 5) Engine codes CREC, CREH, CTDB only
- 6) According to equipment

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1.3.3 Fuse assignment for fuse holder A -SA- , 8-cylinder petrol engine

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	15 A	-	Automatic gearbox control unit -J217-	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	15
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Engine control unit -J623-	15
4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30
5	-	Fuse 5 on fuse holder A -SA5-	10 A	-	Fuel metering valve -N290- Fuel metering valve 2 -N402-	87

6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Map-controlled engine cooling system thermostat -F265- 2) Inlet cam actuator 1 for cylinder 2 -F452- 2) 3) Inlet cam actuator 2 for cylinder 2 -F453- 2) 3) Exhaust cam actuator 1 for cylinder 2 -F454- 2) 3) Exhaust cam actuator 2 for cylinder 2 -F455- 2) 3) Inlet cam actuator 1 for cylinder 3 -F456- 2) 3) Inlet cam actuator 2 for cylinder 3 -F457- 2) 3) Exhaust cam actuator 1 for cylinder 3 -F458- 2) 3) Exhaust cam actuator 2 for cylinder 3 -F459- 2) 3) Inlet cam actuator 1 for cylinder 5 -F464- 2) 3) Inlet cam actuator 2 for cylinder 5 -F465- 2) 3) Exhaust cam actuator 1 for cylinder 5 -F466- 2) 3) Exhaust cam actuator 2 for cylinder 5 -F467- 2) 3) Inlet cam actuator 1 for cylinder 8 -F476- 2) 3) Inlet cam actuator 2 for cylinder 8 -F477- 2) 3) Exhaust cam actuator 1 for cylinder 8 -F478- 2) 3) Exhaust cam actuator 2 for cylinder 8 -F479- 2) 3) Secondary air pump relay -J299- 2) 3) Activated charcoal filter solenoid valve 1 -N80- 2) 3) Secondary air inlet valve -N112- 2) Turbocharger air recirculation valve -N249- 2) 3) Intake manifold flap valve -N316- 2)3) Secondary air inlet valve 2 -N320- 2) Turbocharger air recirculation valve, cylinder bank 2 -N427- 2) 3) Valve for oil pressure control -N428- 2) Coolant valve for cylinder head -N489- 2) Piston cooling jet control valve -N522- 2) Continued coolant circulation pump -V51- 2) 3) Coolant circulation pump 2 -V178- 2) 3) Charge air cooling pump -V188- 2) 3)	87
7	-	Fuse 7 on fuse holder A -SA7-	15 A	-	Charge pressure control solenoid valve -N75- Camshaft control valve 1 -N205- Camshaft control valve 2 -N208- Exhaust camshaft control valve 1 -N318- Exhaust camshaft control valve 2 -N319-	87
8	-	not assigned		-		
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	50
10	-	Fuse 10 on fuse holder A -SA10-	15 A	-	Lambda probe heater -Z19- 1) Lambda probe heater 2 -Z28- 1)	30
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671-	87

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12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	15
13	-	Fuse 13 on fuse holder A -SA13-	5 A	-	Gearbox oil cooling valve -N509-	15
14	-	Fuse 14 on fuse holder A -SA14-	30 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Ignition coil 5 with output stage -N323- Ignition coil 6 with output stage -N324- Ignition coil 7 with output stage -N325- Ignition coil 8 with output stage -N326-	30
15	-	Fuse 15 on fuse holder A -SA15-	15 A	-	Engine control unit -J623- 1) Lambda probe heater -Z19- 2) 3) Lambda probe heater 2 -Z28- 2) 3)	87

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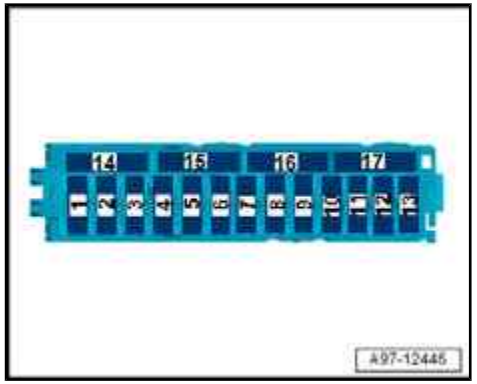
16	-	Fuse 16 on fuse holder A -SA16-	25 A	-	Map-controlled engine cooling system thermostat -F265- 1) Inlet cam actuator 1 for cylinder 2 -F452- 1) Inlet cam actuator 2 for cylinder 2 -F453- 1) Exhaust cam actuator 1 for cylinder 2 -F454- 1) Exhaust cam actuator 2 for cylinder 2 -F455- 1) Inlet cam actuator 1 for cylinder 3 -F456- 1) Inlet cam actuator 2 for cylinder 3 -F457- 1) Exhaust cam actuator 1 for cylinder 3 -F458- 1) Exhaust cam actuator 2 for cylinder 3 -F459- 1) Inlet cam actuator 1 for cylinder 5 -F464- 1) Inlet cam actuator 2 for cylinder 5 -F465- 1) Exhaust cam actuator 1 for cylinder 5 -F466- 1) Exhaust cam actuator 2 for cylinder 5 -F467- 1) Inlet cam actuator 1 for cylinder 8 -F476- 1) Inlet cam actuator 2 for cylinder 8 -F477- 1) Exhaust cam actuator 1 for cylinder 8 -F478- 1) Exhaust cam actuator 2 for cylinder 8 -F479- 1) Secondary air pump relay -J299- 1) Engine control unit -J623- 2) 3) Activated charcoal filter solenoid valve 1 -N80- 1) Secondary air inlet valve -N112- 1) Turbocharger air recirculation valve -N249- 1) Intake manifold flap valve -N316- 1) Secondary air inlet valve 2 -N320- 1) Turbocharger air recirculation valve, cylinder bank 2 -N427- 1) Valve for oil pressure control -N428- 1) Coolant valve for cylinder head -N489- 1) Piston cooling jet control valve -N522- 1) Continued coolant circulation pump -V51- 1) Coolant circulation pump 2 -V178- 1) Charge air cooling pump -V188- 1)	87
17	-	Fuse 17 on fuse holder A -SA17-	15 A	-	Lambda probe 1 heater after catalytic converter -Z29- Lambda probe 2 heater after catalytic converter -Z30-	87

- 1) Engine codes CEUC, CEUD, CRDA, CRDB, CTGE (from June 2011), CWUA, CWUB (from November 2012) only
- 2) Engine codes CTGB, CTGE (from October 2014) only
- 3) Engine codes CWUB (from September 2015), CWUC only

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1.3.4 Fuse assignment for fuse holder A -SA- , diesel, except MKB CRTD/CRTE/CRTF/CZVA/ CZVB/CZVC/CZVD/CZVF



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	10 A[1)] 15 A	-	Automatic gearbox control unit -J217-	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	87
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Engine control unit -J623- Catalytic converter heater control unit 1 -J1021- [7) , 8)]	15
4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30
5	-	Fuse 5 on fuse holder A -SA5-	5 A	-	Air mass meter -G70- Heater element for crankcase breather -N79- [5), 6)]	87
6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Engine control unit -J623-	87
7	-	Fuse 7 on fuse holder A -SA7-	10 A	-	Camshaft control valve 1 -N205- [5), 6)] Fuel pressure regulating valve -N276- Fuel metering valve -N290-	87
8	-	Fuse 8 on fuse holder A -SA8-	5 A [4), 5), 6)] 10 A [3), 7), 8)]	-	Particulate sensor -G784- [3), 7), 8)] Biodiesel concentration sender -G855- [5)] NOx sensor control unit -J583- [3), 4), 5), 6), 7), 8)] Control unit for NOx sender 2 -J881- [3), 4), 7), 8)]	87
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	50
10	-	Fuse 10 on fuse holder A -SA10-	10 A	-	Lambda probe heater -Z19- in lambda probe -G39-	5 A
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671- [3), 4), 7), 8)]	87
12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	5 A

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13	-	Fuse 13 on fuse holder A -SA13-	5 A	-	Gearbox oil cooling valve -N509- 3), 7), 8)	15
14	-	Fuse 14 on fuse holder A -SA14-	10 A	-	Valve for oil pressure control -N428- 5), 6) Coolant valve for cylinder head -N489- 5), 6) Charge air cooling pump -V188- 5), 6) Pump for exhaust gas recirculation cooler -V400- 2) Auxiliary pump for heating -V488- 5), 6)	87
15	-	Fuse 15 on fuse holder A -SA15-	30 A	-	Fuel pre-heating heater element -Z66- 5), 6)	87
16	-	Fuse 16 on fuse holder A -SA16-	15 A	-	Map-controlled engine cooling system thermostat -F265- 3), 4), 7), 8) Automatic glow period control unit -J179- Low heat output relay -J359- High heat output relay -J360- Charge pressure control solenoid valve -N75- 2), 4), 5), 6), 7) Heater element for crankcase breather -N79- 1) Left electrohydraulic engine mounting solenoid valve -N144- Right electrohydraulic engine mounting solenoid valve -N145- Exhaust gas recirculation cooler changeover valve -N345- 2), 3), 4), 7), 8) Oil pressure control valve -N428- 3), 4), 7), 8) Cylinder head coolant valve -N489- 3), 4), 7), 8) Turbine changeover valve -N529- 4), 7)	87
17	-	not assigned		-		

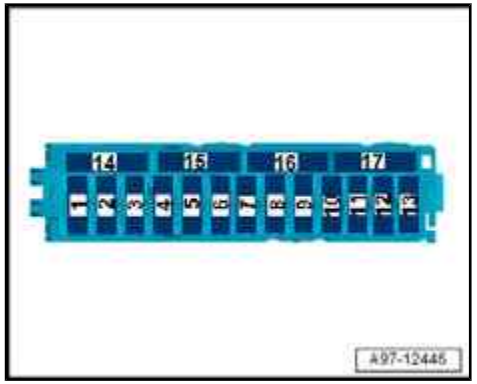
- 1) Models with multitronic 0AW (continuously variable automatic transmission) only
- 2) Engine codes CGLC, CGLD, CMGB, CGLE only
- 3) Engine codes CDUC, CDUD, CLAA, CLAB, CKVB, CKVC, CPNB (from January 2011) only
- 4) Engine code CGQB only
- 5) Engine codes CNHA, CSUD, CSUE, CZJA only
- 6) Engine codes DDCA, DDCB, DDDA only
- 7) Engine codes CVUA, CVUB only
- 8) Engine codes CDUD, CTCB, CTCC, CPNB (from September 2014) only

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1.3.5 Fuse assignment for fuse holder A -SA- , diesel, only MKB CRTD/CRTE/CRTF/CZVA/ CZVB/CZVC/CZVD/CZVF

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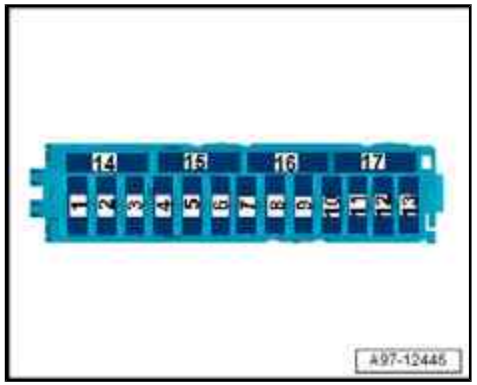
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	15 A	-	Automatic gearbox control unit -J217-	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	15
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Engine control unit -J623-	15
4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30
5	-	Fuse 5 on fuse holder A -SA5-	5 A	-	Air mass meter -G70-	87
6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Engine control unit -J623-	87
7	-	Fuse 7 on fuse holder A -SA7-	10 A	-	Fuel metering valve -N290- Fuel pressure regulating valve -N276-	87
8		Fuse 8 on fuse holder A -SA8-	5 A	-	Control unit for NOx sender -J583- 1) Control unit for NOx sender 2 -J881- 1) , 2)	87
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	50
10	-	Fuse 10 on fuse holder A -SA10-	10 A	-	Lambda probe heater -Z19- in lambda probe -G39-	87
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671-	87
12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	15
13	-	Fuse 13 on fuse holder A -SA13-	5 A	-	Gearbox oil cooling valve -N509-	15
14	-	not assigned		-		
15	-	Fuse 15 on fuse holder A -SA15-	35 A	-	Supply, fuse carrier 3 -ST3- in fuse holder B -SB-	87

16	-	Fuse 16 on fuse holder A -SA16-	15 A	-	Map-controlled engine cooling system thermostat -F265- Low heat output relay -J359- High heat output relay -J360- Left electrohydraulic engine mounting solenoid valve -N144- Right electrohydraulic engine mounting solenoid valve -N145- Exhaust gas recirculation cooler changeover valve -N345- Coolant valve for cylinder head -N489- Automatic glow period control unit -J179-	87
17	-	not assigned		-		

- 1) Engine codes CZVA, CZVB, CZVC, CZVD, CZVF only
- 2) Engine codes CRTD, CRTE, CRTF only

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1.3.6 Fuse assignment, fuse holder A -SA- , models with high-voltage system



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	15 A	-	Automatic gearbox control unit -J217-	30
2	-	Fuse 2 on fuse holder A -SA2-	5 A	-	Oil level and oil temperature sender -G266-	15
3	-	Fuse 3 on fuse holder A -SA3-	5 A	-	Air mass meter -G70- Engine control unit -J623- Power and control electronics for electric drive -JX1- 1)	15
4	-	Fuse 4 on fuse holder A -SA4-	5 A	-	Engine control unit -J623-	30
5	-	Fuse 5 on fuse holder A -SA5-	10 A	-	Fuel pressure regulating valve -N276- Coolant valve for electric drive -N565- 1)	87
6	-	Fuse 6 on fuse holder A -SA6-	15 A	-	Engine control unit -J623- 1)	87

7	-	Fuse 7 on fuse holder A -SA7-	15 A	-	Actuator 1 for camshaft adjustment -F366- Actuator 2 for camshaft adjustment -F367- Actuator 3 for camshaft adjustment -F368- Actuator 4 for camshaft adjustment -F369- Actuator 5 for camshaft adjustment -F370- Actuator 6 for camshaft adjustment -F371- Actuator 7 for camshaft adjustment -F372- Actuator 8 for camshaft adjustment -F373- Secondary air pump relay -J299- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Secondary air inlet valve -N112- Right electrohydraulic engine mounting solenoid valve -N145- Left electrohydraulic engine mounting solenoid valve -N144- Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Oil pressure control valve -N428- Coolant pump -V36- 2) Continued coolant circulation pump -V51- Coolant pump for high-temperature circuit -V467- 1) Gearbox oil cooling pump -V478- 1)	87
8	-	Fuse 8 on fuse holder A -SA8-	5 A	-	Power and control electronics for electric drive -JX1-	30
9	-	Fuse 9 on fuse holder A -SA9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	50
10	-	Fuse 10 on fuse holder A -SA10-	15 A	-	Lambda probe heater -Z19- 1) Lambda probe 1 heater after catalytic converter -Z29- 1)	30
11	-	Fuse 11 on fuse holder A -SA11-	5 A	-	Radiator fan control unit -J293- 1)	87
12	-	Fuse 12 on fuse holder A -SA12-	5 A	-	Automatic gearbox control unit -J217-	15
13	-	Fuse 13 on fuse holder A -SA13-	5 A	-	Electrical air conditioner compressor -V470-	15
14	-	Fuse 14 on fuse holder A -SA14-	20 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292-	30
15	-	Fuse 15 on fuse holder A -SA15-	15 A	-	Lambda probe heater -Z19- 2) Lambda probe 1 heater after catalytic converter -Z29- 2)	30
16	-	Fuse 16 on fuse holder A -SA16-	15 A	-	Engine control unit -J623- 2)	87
17	-	Fuse 17 on fuse holder A -SA17-	10 A	-	Coolant pump for low-temperature circuit -V468- 1)	87

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- 1) Engine code CHJA only
- 2) Engine code CPEA only

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1.4 Fitting location of fuse holder B -SB- , left-hand drive

⇒ “1.4.1 Fitting location of fuse holder B SB , up to model year 2014”, page 24

⇒ “1.4.2 Fitting location of fuse holder B SB , from model year 2015”, page 25

1.4.1 Fitting location of fuse holder B -SB- , up to model year 2014

Fitting location

on left in dash panel

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

ST1 - Fuse carrier 1 -ST1- , black

- ❑ Fuse assignment ⇒ page 26

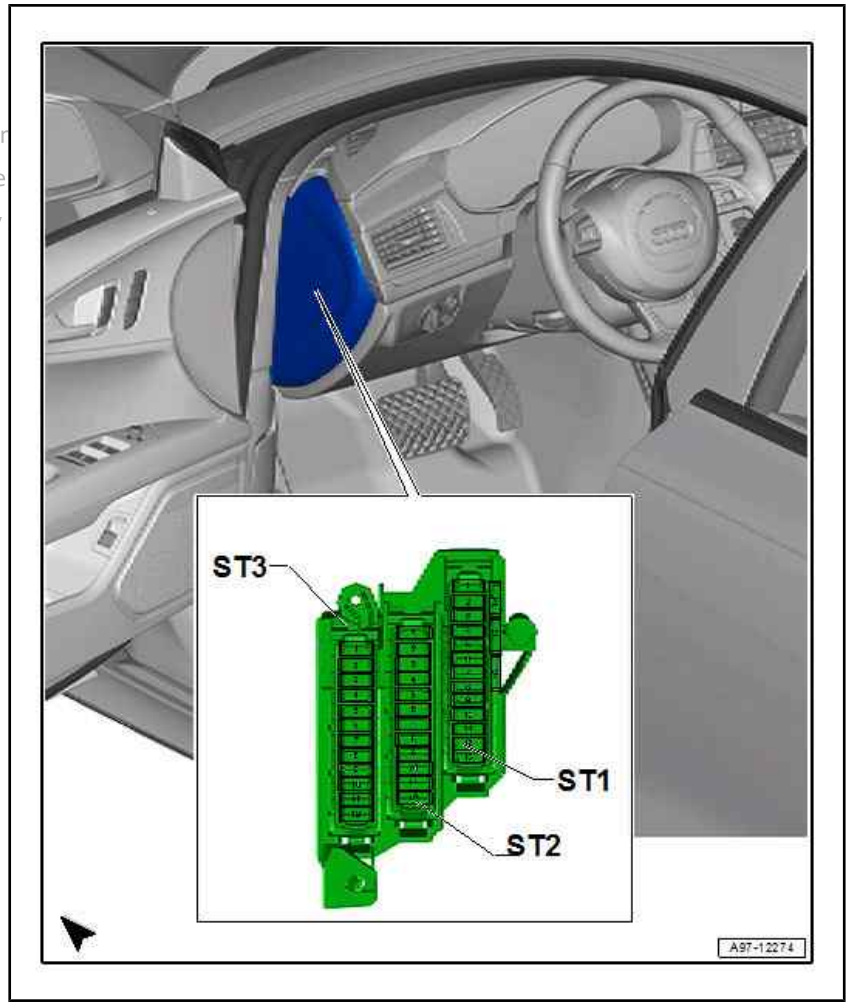
ST2 - Fuse carrier 2 -ST2- , brown

- ❑ Fuse assignment ⇒ page 30

ST3 - Fuse carrier 3 -ST3- , red

- ❑ Fuse assignment ⇒ page 32

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1.4.2 Fitting location of fuse holder B -SB- , from model year 2015

Fitting location

on left in dash panel

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

ST1 - Fuse carrier 1 -ST1- , black

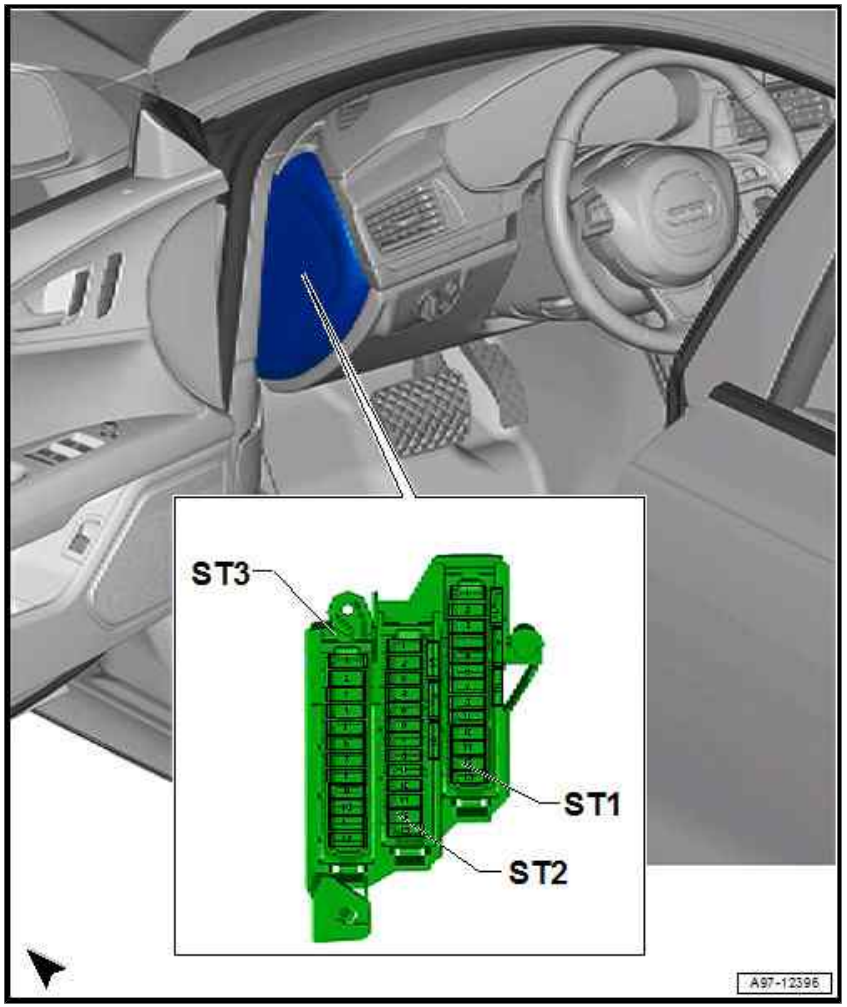
❑ Fuse assignment ⇒ page 28

ST2 - Fuse carrier 2 -ST2- , brown

❑ Fuse assignment ⇒ page 31

ST3 - Fuse carrier 3 -ST3- , red

❑ Fuse assignment ⇒ page 33



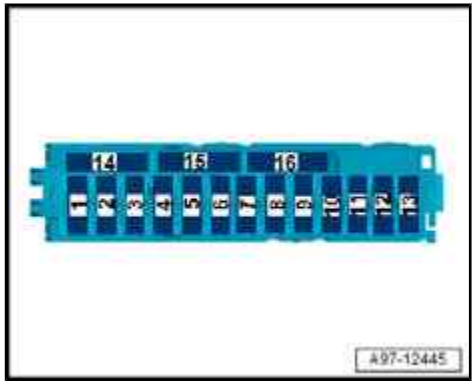
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1.5 Fuse assignment fuse holder B -SB- , left-hand drive

⇒ “1.5.1 Fuse assignment fuse carrier 1 ST1 , black, up to model year 2014”, page 26
⇒ “1.5.2 Fuse assignment fuse carrier 1 ST1 , black, from model year 2015”, page 28
⇒ “1.5.3 Fuse assignment fuse carrier 2 ST2 , brown, up to model year 2014”, page 30
⇒ “1.5.4 Fuse assignment fuse carrier 2 ST2 , brown, from model year 2015”, page 31
⇒ “1.5.5 Fuse assignment fuse carrier 3 ST3 , red, up to model year 2014”, page 32
⇒ “1.5.6 Fuse assignment fuse carrier 3 ST3 , red, from model year 2015”, page 33

1.5.1 Fuse assignment fuse carrier 1 -ST1- , black, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	TCS and ESP button -E256- Control unit for air ionisation system -J897- Power steering control unit -J500- Seat heating control unit -J882- Trailer detector control unit -J345- Electromechanical parking brake button -E538- Front passenger side airbag deactivated warning lamp -K145-	15
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7-	15
3	-	Fuse 3 on fuse holder B -SB3-	10 A	-	Engine sound generator control unit -J943- 1)	15
4	-	Fuse 4 on fuse holder B -SB4-	5 A	-	Control unit for sensor electronics -J849-	15
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	ABS control unit -J104-	15

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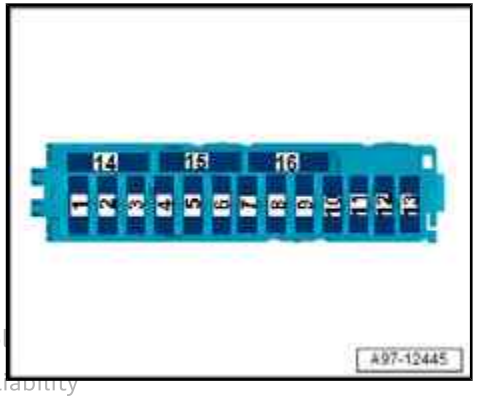
6	-	Fuse 6 on fuse holder B -SB6-	5 A	-	Air quality sensor -G238- Refrigerant pressure and temperature sender -G395- Humidity sender in fresh air intake duct -G657-	15
7	-	Fuse 7 on fuse holder B -SB7-	10 A	-	Adaptive cruise control unit -J428- Control unit 2 for adaptive cruise control -J850-	15
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Airbag control unit -J234- Seat occupied recognition control unit -J706-	15
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Data bus diagnostic interface -J533-	15
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Garage door operating unit -E284- Garage door operation control unit -J530- Control unit for night vision system -J853- Control unit for structure-borne sound -J869- 1)	15
11	-	Fuse 11 on fuse holder B -SB11-	10 A	-	Image processing control unit -J851- Camera control unit -J852-	15
12	-	Fuse 12 on fuse holder B -SB12-	5 A	-	Active steering control unit -J792-	15
13	-	Fuse 13 on fuse holder B -SB13-	15 A	-	to fuse carrier 4 -ST4- in fuse holder F -SF- 2) Fuse carrier 1 -ST1- in fuse carrier C -SC- 3)	15
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	to fuse carrier 1 -ST1- in fuse holder C -SC- 2) Fuse carrier 4 -ST4- in fuse holder F -SF- 3)	15
15	-	Fuse 15 on fuse holder B -SB15-	15 A	-	Fuse 3 on fuse holder A -SA3- Fuse 12 on fuse holder A -SA12- Fuse 13 on fuse holder A -SA13-	15
16	-	Fuse 16 on fuse holder B -SB16-	40 A	-	Engine control unit -J623- Starter motor relay 2 -J695- Starter motor relay -J53-	15

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- 1) Engine code CGQB only
- 2) To December 2011
- 3) From January 2012

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1.5.2 Fuse assignment, fuse carrier 1 -ST1- , black, from model year 2015



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	TCS and ESP button -E256- Control unit for air ionisation system -J897- Power steering control unit -J500- Seat heating control unit -J882- Trailer detector control unit -J345- Electromechanical parking brake button -E538- High heat output relay -J360- Headlight range control unit -J431- Power unit mounting control unit -J931- Low heat output relay -J359- Auxiliary air heater control unit -J604-	15
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7- Refrigerant pressure and temperature sender -G395- Humidity sender in fresh air intake duct -G657- Air quality sensor -G238- 16-pin connector -T16- , diagnostic connector Toll collection sender -G459- 2)	15
3	-	not assigned		-		
4	-	Fuse 4 on fuse holder B -SB4-	5 A	-	Onboard supply control unit -J519- Park assist steering control unit -J791- Parking aid control unit -J446-	15
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	ABS control unit -J104- Control unit for sensor electronics -J849- Active steering control unit -J792-	15
6	-	Fuse 6 on fuse holder B -SB6-	10 A	-	Front right headlight -MX2- (LED headlight only)	15

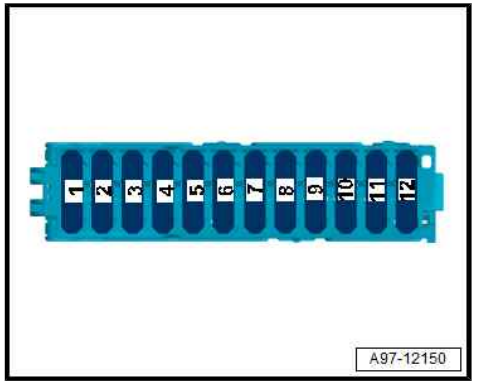
7	-	Fuse 7 on fuse holder B -SB7-	10 A	-	Adaptive cruise control unit -J428- Control unit 2 for adaptive cruise control -J850-	15
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Airbag control unit -J234- Seat occupied recognition control unit -J706-	15
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Data bus diagnostic interface -J533-	15
10	-	Fuse 10 on fuse holder B -SB10-	5 A 7.5 A 1)	-	Garage door operating unit -E284- Garage door operation control unit -J530- Control unit for night vision system -J853- Control unit for structure-borne sound -J869- Reversing camera system control unit -J772- 1)	15
11	-	Fuse 11 on fuse holder B -SB11-	10 A	-	Image processing control unit -J851- Camera control unit -J852-	15
12	-	Fuse 12 on fuse holder B -SB12-	10 A	-	Front left headlight -MX1- (LED headlight only)	15
13	-	Fuse 13 on fuse holder B -SB13-	5 A	-	Steering column electronics control unit -J527-	15
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	to fuse holder F -SF-	15
15	-	Fuse 15 on fuse holder B -SB15-	15 A	-	Fuse 3 on fuse holder A -SA3- Fuse 12 on fuse holder A -SA12- Fuse 13 on fuse holder A -SA13-	15
16	-	Fuse 16 on fuse holder B -SB16-	40 A	-	Engine control unit -J623- Starter motor relay 2 -J695- Starter motor relay -J53-	15

- 1) From April 2015
- 2) Only models with equipment for Korea

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1.5.3 Fuse assignment fuse carrier 2 -ST2- , brown, up to model year 2014



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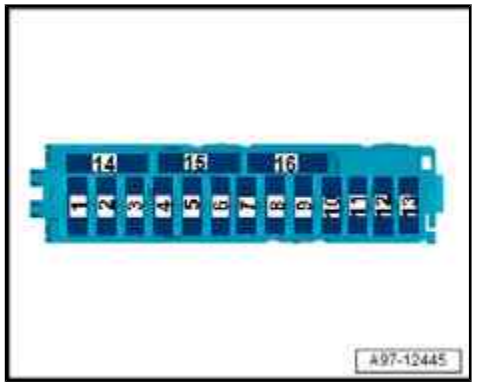
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Data bus diagnostic interface -J533-	30
2	-	Fuse 2 on fuse holder B -SB2-	10 A	-	Operating and display unit for rear air conditioning system -E265-	30
3	-	Fuse 3 on fuse holder B -SB3-	10 A	-	ABS control unit -J104-	30
4	-	Fuse 4 on fuse holder B -SB4-	30 A	-	Driver door control unit -J386-	30
5	-	Fuse 5 on fuse holder B -SB5-	7.5 A	-	Control unit for driver multicontour seat -J873-	30
6	-	Fuse 6 on fuse holder B -SB6-	35 A	-	Active steering control unit -J792-	30
7	-	Fuse 7 on fuse holder B -SB7-	20 A	-	Sliding sunroof adjustment control unit -J245- Sliding sunroof motor -V1-	30
8	-	Fuse 8 on fuse holder B -SB8-	15 A	-	Rear left door control unit -J388-	30
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Front passenger seat lumbar support adjustment switch -E177-	30
10	-	Fuse 10 on fuse holder B -SB10-	30 A 5 A [4)]	-	Auxiliary heater control unit -J364- Tyre Pressure Monitoring System control unit -J502- [4)]	30
11	-	Fuse 11 on fuse holder B -SB11-	20 A	-	Sliding sunroof adjustment control unit -J245- [1)] Sliding sunroof motor -V1- [1)] Sunroof roller blind control unit -J394- [2)] Sunroof roller blind motor -V260- [2)]	30
12	-	Fuse 12 on fuse holder B -SB12-	15 A	-	Driver door control unit -J386- [3)]	30

- [1)] Avant models only
- [2)] Models with long wheel base only
- [3)] Up to May 2011

◆ 4) Models with tyre pressure monitor only

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1.5.4 Fuse assignment, fuse carrier 2 -ST2- , brown, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Connection for external audio sources -R199-	30
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	30
3	-	Fuse 3 on fuse holder B -SB3-	7.5 A	-	Control unit for front passenger multicontour seat -J872-	30
4	-	not assigned		-		
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	Control unit for sensor electronics -J849-	30
6	-	Fuse 6 on fuse holder B -SB6-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12- Interior monitoring sensor -G273- Vehicle inclination sender -G384-	30
7	-	Fuse 7 on fuse holder B -SB7-	5 A	-	Electromechanical parking brake button -E538- Terminal 15 voltage supply relay -J329-	30
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Roof electronics control unit -J528-	30
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Onboard supply control unit -J519- Rain and light sensor -G397- Windscreen heater for lane departure warning -Z67-	30
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Driver seat lumbar support adjustment switch -E176-	30
11	-	Fuse 11 on fuse holder B -SB11-	7.5 A	-	Control unit for driver multicontour seat -J873-	30
12	-	Fuse 12 on fuse holder B -SB12-	10 A	-	ABS control unit -J104-	30

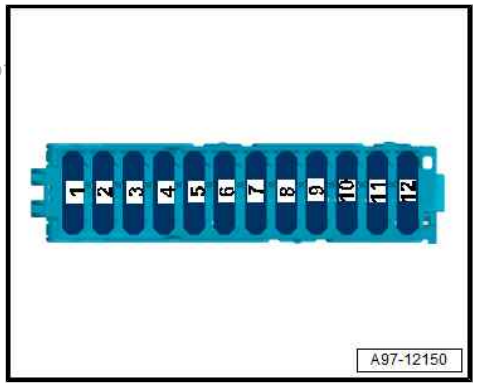
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13	-	Fuse 13 on fuse holder B -SB13-	15 A	-	Horn relay -J413-	30
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	Onboard supply control unit -J519-	30
15	-	Fuse 15 on fuse holder B -SB15-	30 A	-	Onboard supply control unit -J519-	30
16	-	Fuse 16 on fuse holder B -SB16-	35 A	-	Active steering control unit -J792-	30

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1.5.5 Fuse assignment fuse carrier 3 -ST3- , red, up to model year 2014

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A 25 A 3)	-	Clutch position sender -G476- Vacuum pump relay -J318- 3)	30
2	-	Fuse 2 on fuse holder B -SB2-	25 A 5 A 4) 5)	-	Fuel pump control unit -J538- Fuel pump relay -J17- 4) 5)	30
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Brake light switch -F- Brake pedal position sender -G100-	87
4	-	Fuse 4 on fuse holder B -SB4-	7.5 A1) 4) 5 A2)	-	Exhaust flap control unit -J883- 1) 4) Exhaust flap control unit 2 -J945- 1) 4) Control unit for reducing agent metering system -J880- 2)	30
5	-	Fuse 5 on fuse holder B -SB5-	30 A	-	Rear left door control unit -J388-	30
6	-	Fuse 6 on fuse holder B -SB6-	7.5 A	-	Control unit for front passenger multicontour seat -J872-	30
7	-	Fuse 7 on fuse holder B -SB7-	15 A	-	Treble horn -H2- Bass horn -H7- Horn relay -J413-	30
8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Wiper motor control unit -J400- Windscreen wiper motor -V-	30

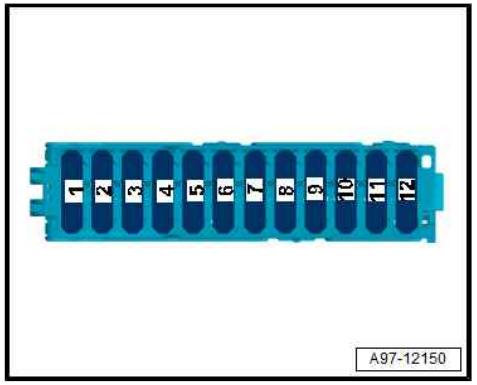
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Rain and light sensor -G397-	30
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Driver seat lumbar support adjustment switch -E176-	30
11	-	Fuse 11 on fuse holder B -SB11-	15 A	-	Front passenger door control unit -J387-	30
12	-	Fuse 12 on fuse holder B -SB12-	15 A	-	Rear right door control unit -J389-	30

- 1) Engine codes CEUC, CEUD, CTGE only
- 2) Models with reducing agent metering system only
- 3) Models with high-voltage system only
- 4) Engine codes CRDA, CRDB, CWUA, CWUB only
- 5) For RS models

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1.5.6 Fuse assignment, fuse carrier 3 -ST3- , red, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A 25 A 3)	-	Clutch position sender -G476- Vacuum pump relay -J318- 3)	87
2	-	Fuse 2 on fuse holder B -SB2-	25 A 5 A 4) 5)	-	Fuel pump control unit -J538- Relay for reducing agent metering system -J963- 2) Fuel pump relay -J17- 4) 5)	87
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Brake light switch -F- Brake pedal position sender -G100-	87

4	-	Fuse 4 on fuse holder B -SB4-	7.5 A[1) 4)] 5 A[2)]	-	Exhaust flap control unit -J883- [1) 4)] Exhaust flap control unit 2 -J945- [1) 4)] Control unit for reducing agent metering system -J880- [2)]	87
5	-	Fuse 5 on fuse holder B -SB5-	30 A	-	Rear left door control unit -J388-	30
6	-	Fuse 6 on fuse holder B -SB6-	30 A	-	Driver door control unit -J386-	30
7	-	Fuse 7 on fuse holder B -SB7-	20 A	-	ABS control unit -J104-	30
8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Wiper motor control unit -J400- Windscreen wiper motor -V-	30
9	-	Fuse 9 on fuse holder B -SB9-	35 A	-	Onboard supply control unit -J519-	30
10	-	Fuse 10 on fuse holder B -SB10-	20 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder B -SB11-	30 A	-	Onboard supply control unit -J519-	30
12	-	Fuse 12 on fuse holder B -SB12-	20 A	-	Sliding sunroof adjustment control unit -J245- Sliding sunroof motor -V1-	30

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- [1)] Engine codes CEUC, CEUD, CTGE, CTGB only
- [2)] Models with reducing agent metering system only
- [3)] Models with high-voltage system only, up to calendar week 04/2018
- [4)] Engine codes CRDA, CRDB, CWUA, CWUB, CWUC only
- [5)] For RS models

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1.6 Fitting location of fuse holder B -SB- , right-hand drive

⇒ “1.6.1 Fitting location of fuse holder B SB , up to model year 2014”, page 34

⇒ “1.6.2 Fitting location of fuse holder B SB , from model year 2015”, page 36

1.6.1 Fitting location of fuse holder B -SB- , up to model year 2014

Fitting location

on right in dash panel

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

ST1 - Fuse carrier 1 -ST1- , black

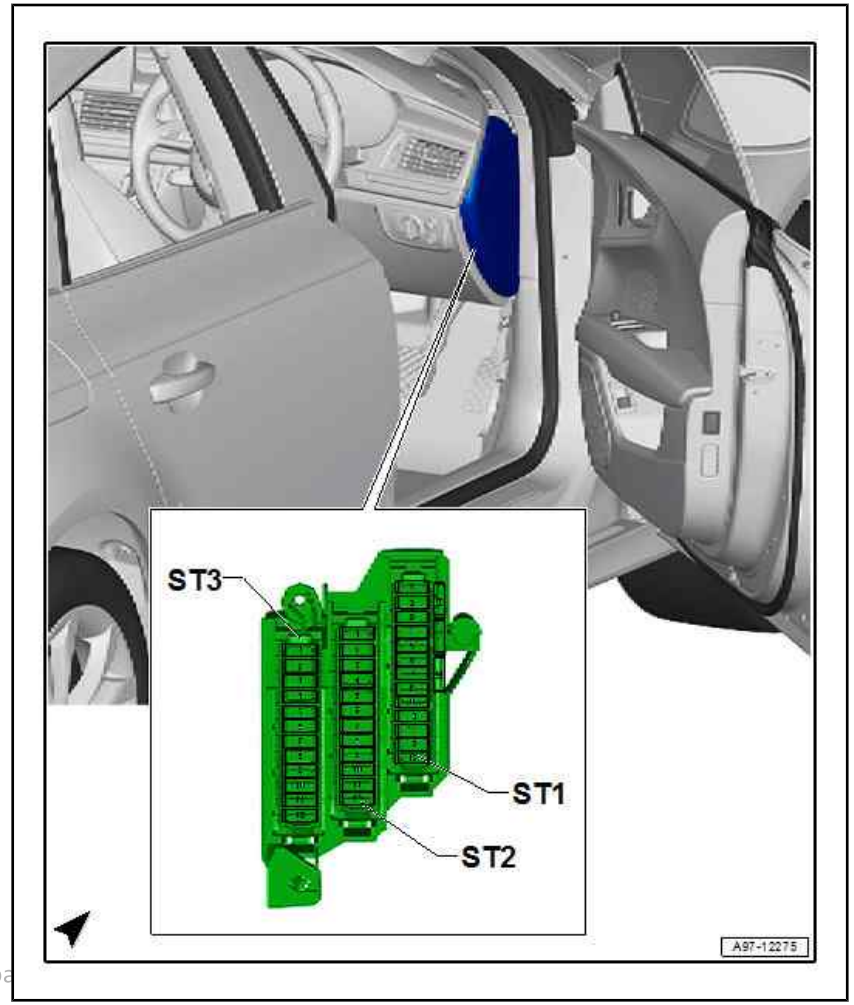
❑ Fuse assignment up to model year 2014 ⇒ page 37

ST2 - Fuse carrier 2 -ST2- , brown

❑ Fuse assignment up to model year 2014 ⇒ page 40

ST3 - Fuse carrier 3 -ST3- , red

❑ Fuse assignment up to model year 2014 ⇒ page 42



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1.6.2 Fitting location of fuse holder B -SB- , from model year 2015

Fitting location

on right in dash panel

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

ST1 - Fuse carrier 1 -ST1- , black

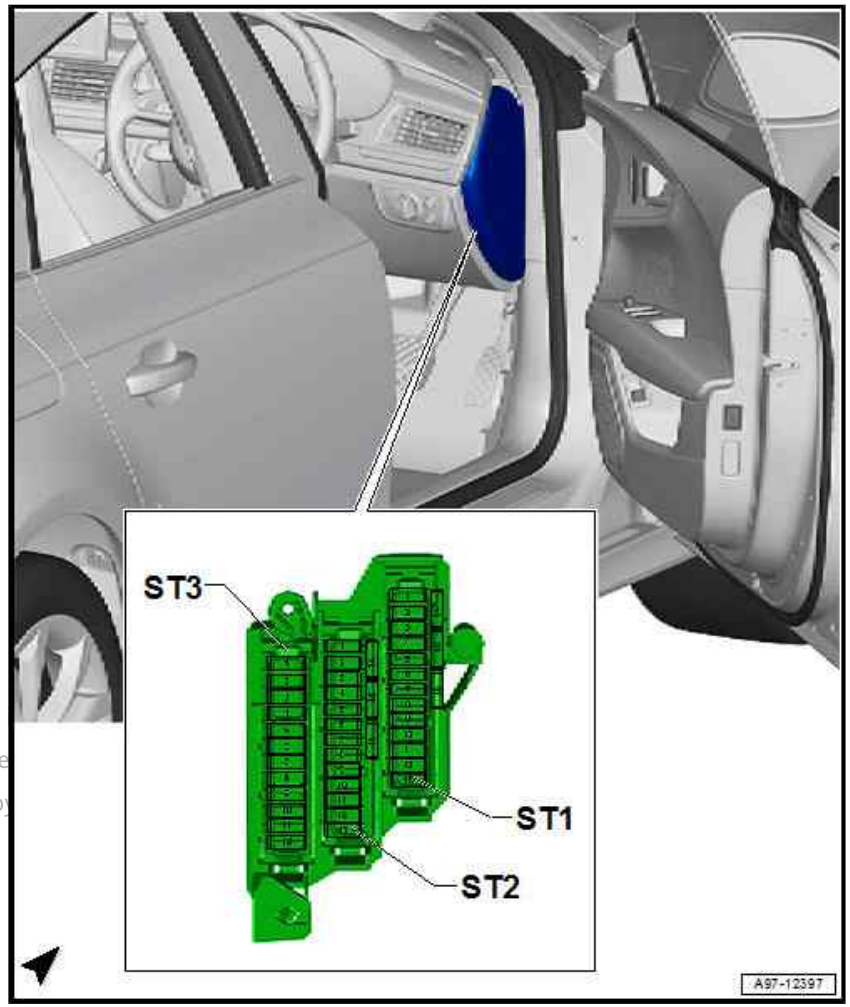
❑ Fuse assignment from model year 2015 ⇒ page 39

ST2 - Fuse carrier 2 -ST2- , brown

❑ Fuse assignment from model year 2015 ⇒ page 41

ST3 - Fuse carrier 3 -ST3- , red

❑ Fuse assignment from model year 2015 ⇒ page 43



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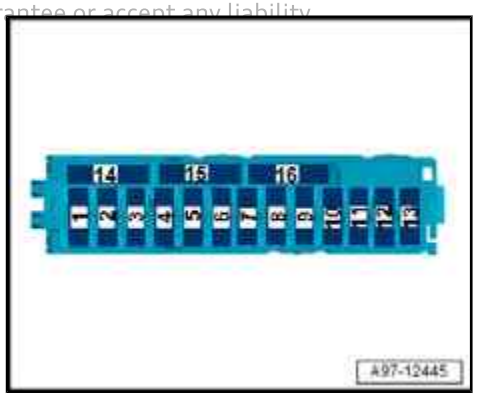
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1.7 Fuse assignment fuse holder B -SB- , right-hand drive

⇒ “1.7.1 Fuse assignment fuse carrier 1 ST1 , black, up to model year 2014”, page 37
⇒ “1.7.2 Fuse assignment fuse carrier 1 ST1 , black, from model year 2015”, page 39
⇒ “1.7.3 Fuse assignment fuse carrier 2 ST2 , brown, up to model year 2014”, page 40
⇒ “1.7.4 Fuse assignment fuse carrier 2 ST2 , brown, from model year 2015”, page 41
⇒ “1.7.5 Fuse assignment fuse carrier 3 ST3 , red, up to model year 2014”, page 42
⇒ “1.7.6 Fuse assignment fuse carrier 3 ST3 , red, from model year 2015”, page 43

1.7.1 Fuse assignment fuse carrier 1 -ST1- , black, up to model year 2014

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	TCS and ESP button -E256- Control unit for air ionisation system -J897- Power steering control unit -J500- Seat heating control unit -J882- Trailer detector control unit -J345- Electromechanical parking brake button -E538- Front passenger side airbag deactivated warning lamp -K145- Multimedia system operating unit 2 -E499- Power unit mounting control unit -J931-	15
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7-	15
3	-	Fuse 3 on fuse holder B -SB3-	10 A	-	Engine sound generator control unit -J943- 1)	15
4	-	Fuse 4 on fuse holder B -SB4-	5 A	-	Control unit for sensor electronics -J849-	15
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	ABS control unit -J104-	15

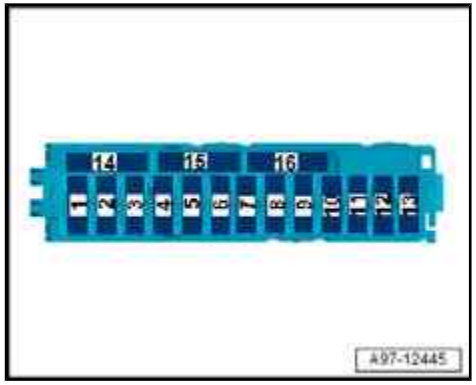
6	-	Fuse 6 on fuse holder B -SB6-	5 A	-	Air quality sensor -G238- Refrigerant pressure and temperature sender -G395- Humidity sender in fresh air intake duct -G657-	15
7	-	Fuse 7 on fuse holder B -SB7-	10 A	-	Adaptive cruise control unit -J428- Control unit 2 for adaptive cruise control -J850-	15
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Airbag control unit -J234- Seat occupied recognition control unit -J706-	15
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Data bus diagnostic interface -J533-	15
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Garage door operating unit -E284- Garage door operation control unit -J530- Control unit for night vision system -J853- Control unit for structure-borne sound -J869-	15
11	-	Fuse 11 on fuse holder B -SB11-	10 A	-	Image processing control unit -J851- Camera control unit -J852-	15
12	-	Fuse 12 on fuse holder B -SB12-	5 A	-	Active steering control unit -J792-	15
13	-	Fuse 13 on fuse holder B -SB13-	15 A	-	to fuse carrier 4 -ST4- in fuse holder F -SF- 2) Fuse carrier 1 -ST1- in fuse carrier C -SC- 3)	15
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	to fuse carrier 1 -ST1- in fuse holder C -SC- 2) Fuse carrier 4 -ST4- in fuse holder F -SF- 3)	15
15	-	Fuse 15 on fuse holder B -SB15-	15 A	-	Fuse 3 on fuse holder A -SA3- Fuse 12 on fuse holder A -SA12- Fuse 13 on fuse holder A -SA13-	15
16	-	Fuse 16 on fuse holder B -SB16-	40 A	-	Engine control unit -J623- Starter motor relay 2 -J695- Starter motor relay -J53-	15

- 1) Engine code CGQB only
- 2) To December 2011
- 3) From January 2012

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1.7.2 Fuse assignment, fuse carrier 1 -ST1- , black, from model year 2015



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	TCS and ESP button -E256- Power steering control unit -J500- Seat heating control unit -J882- Trailer detector control unit -J345- Electromechanical parking brake button -E538- Headlight range control unit -J431- Power unit mounting control unit -J931-	15
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7- Air quality sensor -G238- Refrigerant pressure and temperature sender -G395- Humidity sender in fresh air intake duct -G657- 16-pin connector -T16- , diagnostic connector	15
3	-	not assigned		-		
4	-	Fuse 4 on fuse holder B -SB4-	5 A	-	Onboard supply control unit -J519- Park assist steering control unit -J791- Parking aid control unit -J446-	15
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	ABS control unit -J104- Control unit for sensor electronics -J849- Active steering control unit -J792-	15
6	-	Fuse 6 on fuse holder B -SB6-	10 A	-	Front left headlight -MX1- (LED headlight only)	15
7	-	Fuse 7 on fuse holder B -SB7-	10 A	-	Adaptive cruise control unit -J428- Control unit 2 for adaptive cruise control -J850-	15
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Airbag control unit -J234- Seat occupied recognition control unit -J706-	15
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Data bus diagnostic interface -J533-	15

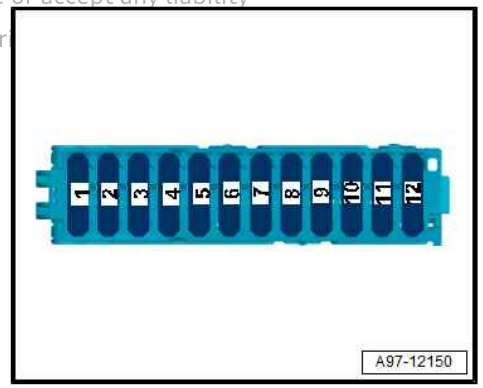
10	-	Fuse 10 on fuse holder B -SB10-	5 A 7.5 A 1)	-	Garage door operating unit -E284- Garage door operation control unit -J530- Control unit for night vision system -J853- Control unit for structure-borne sound -J869- Reversing camera system control unit -J772- 1)	15
11	-	Fuse 11 on fuse holder B -SB11-	10 A	-	Image processing control unit -J851- Camera control unit -J852-	15
12	-	Fuse 12 on fuse holder B -SB12-	10 A	-	Front right headlight -MX2- (LED headlight only)	15
13	-	Fuse 13 on fuse holder B -SB13-	5 A	-	Steering column electronics control unit -J527-	15
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	to fuse holder F -SF-	15
15	-	Fuse 15 on fuse holder B -SB15-	15 A	-	Fuse 3 on fuse holder A -SA3- Fuse 12 on fuse holder A -SA12- Fuse 13 on fuse holder A -SA13-	15
16	-	Fuse 16 on fuse holder B -SB16-	40 A	-	Engine control unit -J623- Starter motor relay 2 -J695- Starter motor relay -J53-	15

◆ 1) From June 2015

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1.7.3 Fuse assignment fuse carrier 2 -ST2- , brown, up to model year 2014



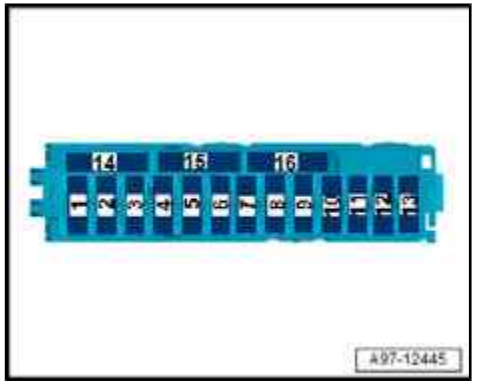
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Front passenger seat lumbar support adjustment switch -E177-	30
2	-	Fuse 2 on fuse holder B -SB2-	10 A	-	Operating and display unit for rear air conditioning system -E265-	30
3	-	Fuse 3 on fuse holder B -SB3-	10 A	-	ABS control unit -J104-	30

4	-	Fuse 4 on fuse holder B -SB4-	30 A	-	Driver door control unit -J386-	30
5	-	Fuse 5 on fuse holder B -SB5-	7.5 A	-	Control unit for front passenger multicontour seat -J872-	30
6	-	Fuse 6 on fuse holder B -SB6-	35 A	-	Active steering control unit -J792-	30
7	-	Fuse 7 on fuse holder B -SB7-	20 A	-	Sliding sunroof adjustment control unit -J245- Sliding sunroof motor -V1-	30
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Driver seat lumbar support adjustment switch -E176-	30
9	-	Fuse 9 on fuse holder B -SB9-	30 A	-	Onboard supply control unit -J519-	30
10	-	Fuse 10 on fuse holder B -SB10-	20 A	-	Sliding sunroof adjustment control unit -J245- Sliding sunroof motor -V1-	30
11	-	Fuse 11 on fuse holder B -SB11-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12-	30
12	-	Fuse 12 on fuse holder B -SB12-	15 A	-	Driver door control unit -J386-	30

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1.7.4 Fuse assignment, fuse carrier 2 -ST2- , brown, from model year 2015



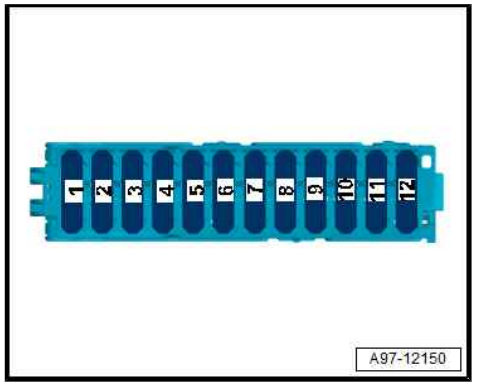
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Connection for external audio sources -R199-	30
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	30
3	-	Fuse 3 on fuse holder B -SB3-	7.5 A	-	Control unit for driver multicontour seat -J873-	30
4	-	not assigned		-		
5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	Control unit for sensor electronics -J849-	30

6	-	Fuse 6 on fuse holder B -SB6-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12- Interior monitoring sensor -G273- Vehicle inclination sender -G384-	30
7	-	Fuse 7 on fuse holder B -SB7-	5 A	-	Electromechanical parking brake button -E538-	30
8	-	Fuse 8 on fuse holder B -SB8-	5 A	-	Roof electronics control unit -J528-	30
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Rain and light sensor -G397-	30
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Driver seat lumbar support adjustment switch -E176-	30
11	-	Fuse 11 on fuse holder B -SB11-	7.5 A	-	Control unit for front passenger multicontour seat -J872-	30
12	-	Fuse 12 on fuse holder B -SB12-	10 A	-	ABS control unit -J104-	30
13	-	Fuse 13 on fuse holder B -SB13-	15 A	-	Horn relay -J413-	30
14	-	Fuse 14 on fuse holder B -SB14-	30 A	-	Onboard supply control unit -J519-	30
15	-	Fuse 15 on fuse holder B -SB15-	30 A	-	Onboard supply control unit -J519-	30
16	-	Fuse 16 on fuse holder B -SB16-	35 A	-	Active steering control unit -J792-	30

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1.7.5 Fuse assignment fuse carrier 3 -ST3- , red, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A 25 A 2)	-	Clutch position sender -G476- Vacuum pump relay -J318- 2)	30
2	-	Fuse 2 on fuse holder B -SB2-	25 A 5 A 3) 4)	-	Fuel pump control unit -J538- Fuel pump relay -J17- 3) 4)	30
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Brake light switch -F-	30

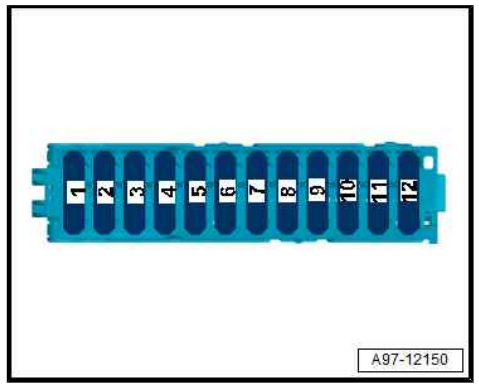
4	-	Fuse 4 on fuse holder B -SB4-	7.5 A[1) 3)]	-	Exhaust flap control unit -J883- [1) 3)] Exhaust flap control unit 2 -J945- [1) 3)]	30
5	-	Fuse 5 on fuse holder B -SB5-	30 A	-	Rear left door control unit -J388-	30
6	-	Fuse 6 on fuse holder B -SB6-	7.5 A	-	Control unit for driver multicontour seat -J873-	30
7	-	Fuse 7 on fuse holder B -SB7-	15 A	-	Treble horn -H2- Bass horn -H7- Horn relay -J413-	30
8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Wiper motor control unit -J400- Windscreen wiper motor -V-	30
9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Rain and light sensor -G397-	30
10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Front interior light -W1- Roof electronics control unit -J528-	30
11	-	Fuse 11 on fuse holder B -SB11-	15 A	-	Front passenger door control unit -J387-	30
12	-	Fuse 12 on fuse holder B -SB12-	15 A	-	Rear right door control unit -J389-	30

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- [1)] Engine codes CEUC, CEUD, CTGE only
- [2)] Engine code CHJA only
- [3)] Engine codes CRDA, CRDB, CWUA, CWUB only
- [4)] For RS models

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1.7.6 Fuse assignment, fuse carrier 3 -ST3- , red, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	5 A	-	Clutch position sender -G476-	87
2	-	Fuse 2 on fuse holder B -SB2-	25 A 5 A 3) 4)	-	Fuel pump control unit -J538- Relay for reducing agent metering system -J963- 2) Fuel pump relay -J17- 3) 4)	87
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Brake light switch -F-	87
4	-	Fuse 4 on fuse holder B -SB4-	7.5 A1) 3) 5 A2)	-	Exhaust flap control unit -J882- 1) 3) Exhaust flap control unit 2 -J945- 1) 3) Control unit for reducing agent metering system -J880- 2)	87
5	-	Fuse 5 on fuse holder B -SB5-	30 A	-	Rear left door control unit -J388-	30
6	-	Fuse 6 on fuse holder B -SB6-	30 A	-	Driver door control unit -J386-	30
7	-	not assigned		-		
8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Wiper motor control unit -J400- Windscreen wiper motor -V-	30
9	-	Fuse 9 on fuse holder B -SB9-	35 A	-	Onboard supply control unit -J519-	30
10	-	Fuse 10 on fuse holder B -SB10-	20 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder B -SB11-	30 A	-	Onboard supply control unit -J519-	30
12	-	Fuse 12 on fuse holder B -SB12-	20 A	-	Sliding sunroof adjustment control unit -J245- Sliding sunroof motor -V1-	30

- 1) Engine codes CEUC, CEUD, CTGE, CTGB only
- 2) Models with reducing agent metering system only
- 3) Engine codes CRDA, CRDB, CWUA, CWUB, CWUC only
- 4) For RS models

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1.8 Fitting location of fuse holder C -SC- , left-hand drive

Fitting location

on right in dash panel

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

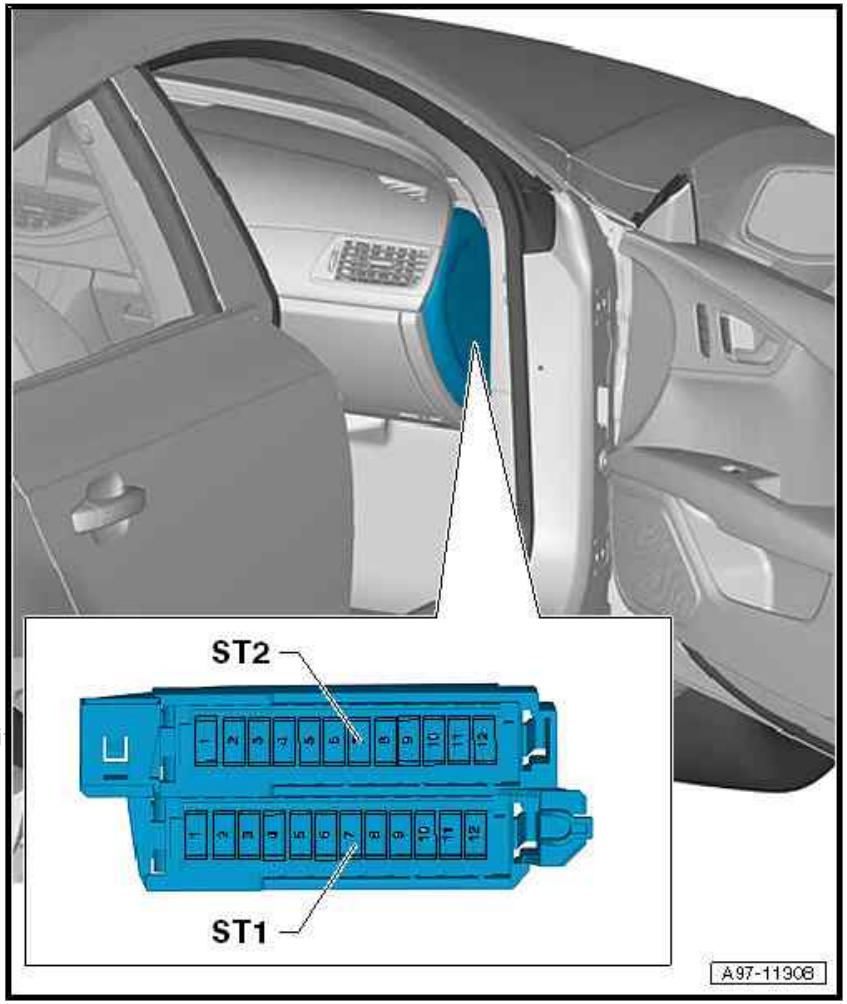
ST1 - Fuse carrier 1 -ST1- , black

- Fuse assignment up to model year 2014 ⇒ page 46
- Fuse assignment from model year 2015 ⇒ page 47

ST2 - Fuse carrier 2 -ST2- , brown

- Fuse assignment up to model year 2014 ⇒ page 48
- Fuse assignment from model year 2015 ⇒ page 49

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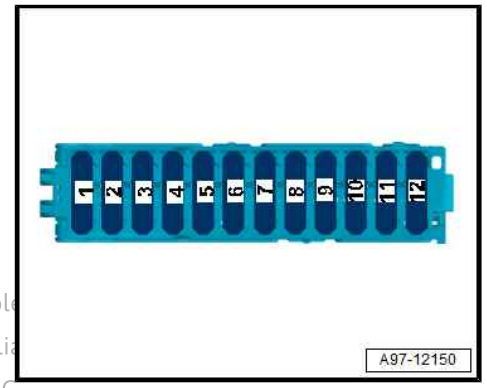


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1.9 Fuse assignment fuse holder C -SC- , left-hand drive

⇒ “1.9.1 Fuse assignment fuse carrier 1 ST1 , black, up to model year 2014”, page 46
⇒ “1.9.2 Fuse assignment fuse carrier 1 ST1 , black, from model year 2015”, page 47
⇒ “1.9.3 Fuse assignment fuse carrier 2 ST2 , brown, up to model year 2014”, page 48
⇒ “1.9.4 Fuse assignment fuse carrier 2 ST2 , brown, from model year 2015”, page 49

1.9.1 Fuse assignment fuse carrier 1 -ST1- , black, up to model year 2014



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Control unit for heads-up display -J898-	30
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Display unit for front information display and operating unit control unit -J685-	30
3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	CD changer -R41- DVD changer -R161-	30
4	-	Fuse 4 on fuse holder C -SC4-	7.5 A	-	Control unit 1 for information electronics -J794- Multimedia system operating unit -E380-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Chip card reader control unit -J676- Traffic data aerial -R173-	30
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Control unit in dash panel insert -J285-	30
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Steering column electronics control unit -J527-	15
8	-	Fuse 8 on fuse holder C -SC8-	7.5 A	-	Headlight range control unit -J431- Output module for right headlight -J668- 1) Output module for left headlight -J667- 2)	15
9	-	not assigned		-		

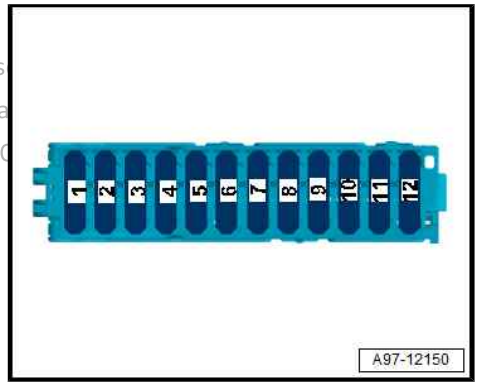
10	-	Fuse 10 on fuse holder C -SC10-	7.5 A	-	Output module for left headlight -J667- 1) Output module for right headlight -J668- 2)	15
11	-	Fuse 11 on fuse holder C -SC11-	5 A 3)	-	Low heat output relay -J359- 3) High heat output relay -J360- 3) Auxiliary air heater control unit -J604- 3)	15
12	-	not assigned		-		

- 1) Up to May 2011
- 2) From June 2011
- 3) Engine code CHJA only

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1.9.2 Fuse assignment, fuse carrier 1 -ST1- , black, from model year 2015

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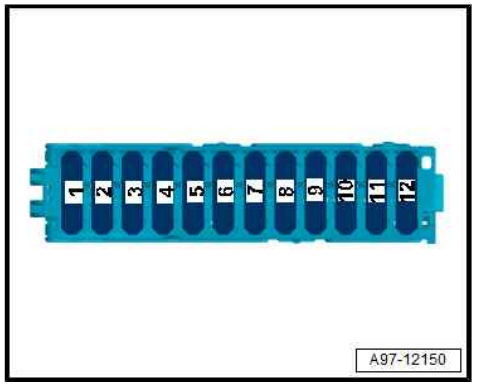
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	CD changer -R41- Chip card reader control unit -J676-	30
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Display unit for front information display and operating unit control unit -J685-	30
3	-	not assigned		-		
4	-	not assigned		-		
5	-	not assigned		-		
6	-	not assigned		-		
7	-	not assigned		-		

8	-	not assigned		-		
9	-	not assigned		-		
10	-	not assigned		-		
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	Auxiliary air heater control unit -J604- 1) Low heat output relay -J359- 1) High heat output relay -J360- 1)	15
12	-	not assigned		-		

◆ 1) Models with high-voltage system only, from calendar week 47/2016

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1.9.3 Fuse assignment fuse carrier 2 -ST2- , brown, up to model year 2014



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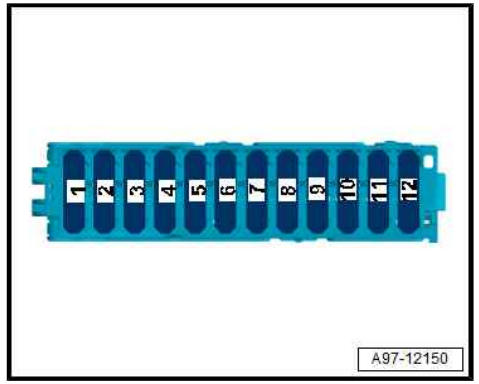
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	10 A	-	Climatronic control unit -J255-	30
2	-	Fuse 2 on fuse holder C -SC2-	40 A	-	Fresh air blower control unit -J126-	30
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	16-pin connector -T16- , diagnostic connector	30
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Immobiliser reader coil -D2-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Control unit for electronic steering column lock -J764-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	Steering column electronics control unit -J527-	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Control unit for electrically adjustable steering column -J866-	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30
9	-	not assigned		-		

10	-	not assigned		-		
11	-	not assigned		-		
12	-	not assigned		-		

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1.9.4 Fuse assignment, fuse carrier 2 -ST2- , brown, from model year 2015

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	10 A	-	Climatronic control unit -J255-	30
2	-	Fuse 2 on fuse holder C -SC2-	40 A	-	Fresh air blower control unit -J126-	30
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	16-pin connector -T16- , diagnostic connector	30
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Immobiliser reader coil -D2-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Control unit for electronic steering column lock -J764-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	Steering column electronics control unit -J527-	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Control unit for electrically adjustable steering column -J866-	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Control unit for heads-up display -J898-	30
10	-	Fuse 10 on fuse holder C -SC10-	5 A	-	Control unit in dash panel insert -J285-	30
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	CD changer -R41- DVD changer -R161-	30
12	-	not assigned		-		

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1.10 Fitting location of fuse holder C -SC- , right-hand drive

Fitting location

on left in dash panel

Fuse colours

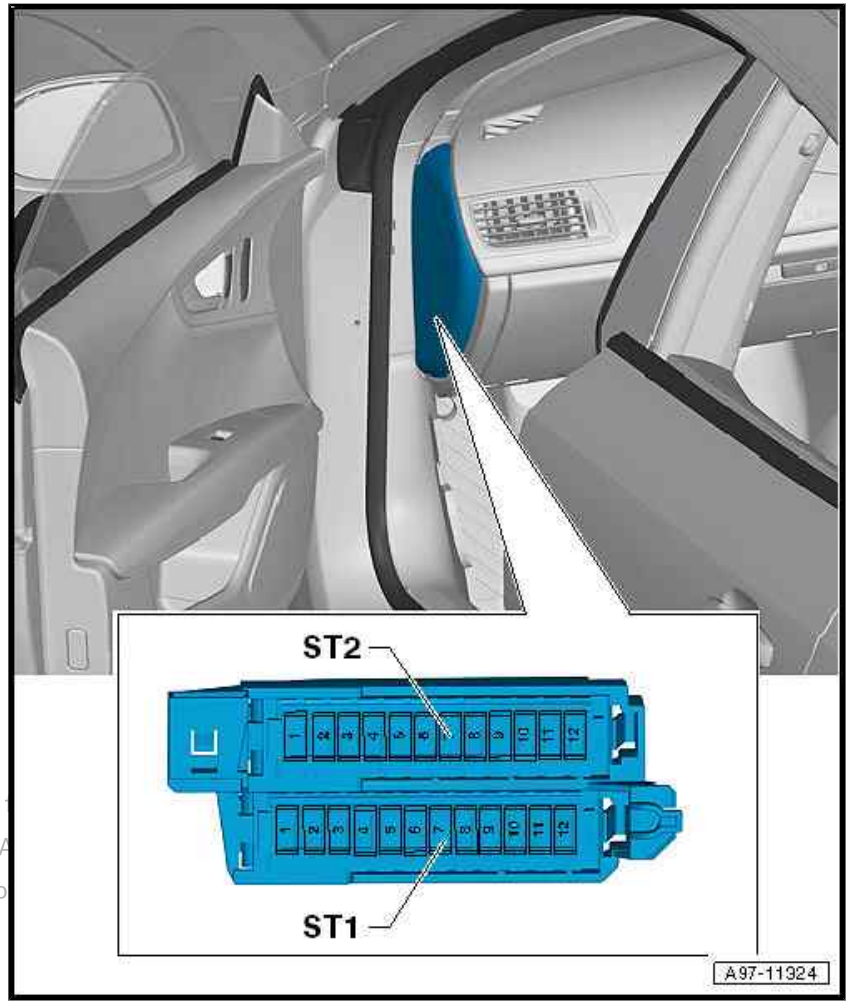
- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

ST1 - Fuse carrier 1 -ST1- , black

- ❑ Fuse assignment up to model year 2014 ⇒ page 51
- ❑ Fuse assignment from model year 2015 ⇒ page 52

ST2 - Fuse carrier 2 -ST2- , brown

- ❑ Fuse assignment up to model year 2014 ⇒ page 53
- ❑ Fuse assignment from model year 2015 ⇒ page 54



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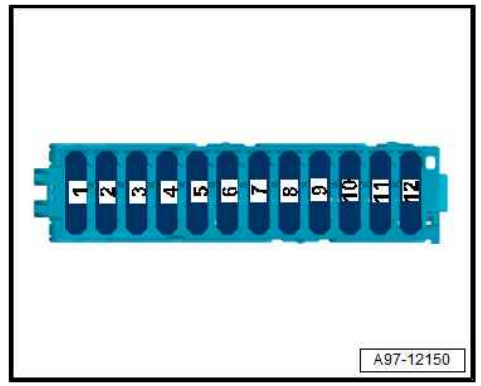
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1.11 Fuse assignment fuse holder C -SC- , right-hand drive

⇒ “1.11.1 Fuse assignment fuse carrier 1 ST1 , black, up to model year 2014”, page 51
⇒ “1.11.2 Fuse assignment fuse carrier 1 ST1 , black, from model year 2015”, page 52
⇒ “1.11.3 Fuse assignment fuse carrier 2 ST2 , brown, up to model year 2014”, page 53
⇒ “1.11.4 Fuse assignment fuse carrier 2 ST2 , brown, from model year 2015”, page 54

1.11.1 Fuse assignment fuse carrier 1 -ST1- , black, up to model year 2014

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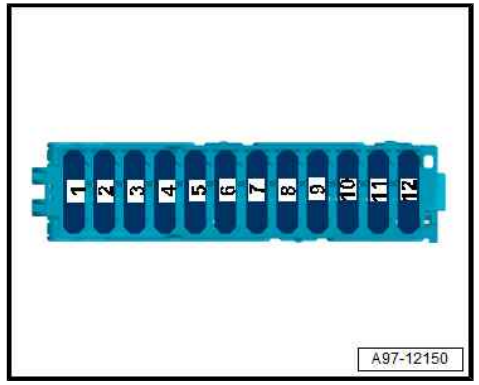
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Control unit for heads-up display -J898-	30
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Display unit for front information display and operating unit control unit -J685-	30
3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	CD changer -R41- DVD changer -R161-	30
4	-	Fuse 4 on fuse holder C -SC4-	7.5 A	-	Control unit 1 for information electronics -J794- Multimedia system operating unit -E380-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Chip card reader control unit -J676- Traffic data aerial -R173-	30
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Control unit in dash panel insert -J285-	30
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Steering column electronics control unit -J527-	15
8	-	Fuse 8 on fuse holder C -SC8-	7.5 A	-	Headlight range control unit -J431- Output module for right headlight -J668-	15
9	-	not assigned		-		
10	-	Fuse 10 on fuse holder C -SC10-	7.5 A	-	Output module for left headlight -J667-	15

11	-	Fuse 11 on fuse holder C -SC11-	5 A 1)	-	Low heat output relay -J359- 1) High heat output relay -J360- 1) Auxiliary air heater control unit -J604- 1)	15
12	-	not assigned		-		

◆ 1) Engine code CHJA only

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1.11.2 Fuse assignment, fuse carrier 1 -ST1- , black, from model year 2015



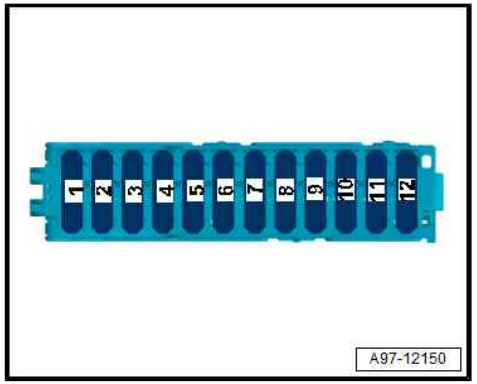
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	CD changer -R41- Chip card reader control unit -J676-	30
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Display unit for front information display and operating unit control unit -J685-	30
3	-	not assigned		-		
4	-	not assigned		-		
5	-	not assigned		-		
6	-	not assigned		-		
7	-	not assigned		-		
8	-	not assigned		-		
9	-	not assigned		-		
10	-	not assigned		-		
11	-	not assigned		-		

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12	-	not assigned		-		

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1.11.3 Fuse assignment fuse carrier 2 -ST2- , brown, up to model year 2014

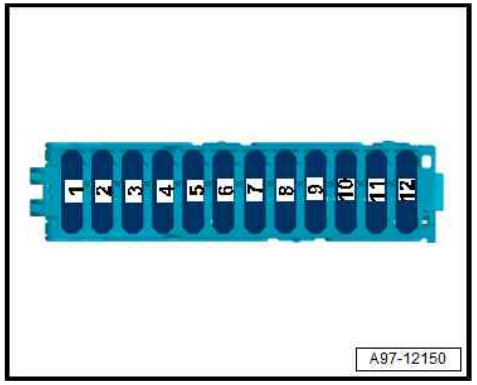


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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	10 A	-	Climatronic control unit -J255-	30
2	-	Fuse 2 on fuse holder C -SC2-	40 A	-	Fresh air blower control unit -J126-	30
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	16-pin connector -T16- , diagnostic connector	30
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Immobiliser reader coil -D2-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Control unit for electronic steering column lock -J764-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	Steering column electronics control unit -J527-	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Control unit for electrically adjustable steering column -J866-	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30
9	-	not assigned		-		
10	-	not assigned		-		
11	-	not assigned		-		
12	-	not assigned		-		

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1.11.4 Fuse assignment, fuse carrier 2 -ST2- , brown, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	10 A	-	Climatronic control unit -J255-	30
2	-	Fuse 2 on fuse holder C -SC2-	40 A	-	Fresh air blower control unit -J126-	30
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	16-pin connector -T16- , diagnostic connector	30
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Immobiliser reader coil -D2-	30
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Control unit for electronic steering column lock -J764-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	Steering column electronics control unit -J527-	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Control unit for electrically adjustable steering column -J866-	30
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Light switch -E1-	30
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Control unit for heads-up display -J898-	30
10	-	Fuse 10 on fuse holder C -SC10-	5 A	-	Control unit in dash panel insert -J285-	30
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	CD changer -R41- DVD changer -R161-	30
12	-	not assigned		-		

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1.12 Fitting location of fuse holder D -SD-

⇒ “1.12.1 Fitting location of fuse holder D SD , up to model year 2014”, page 54

⇒ “1.12.2 Fitting location of fuse holder D SD , from model year 2015”, page 56

1.12.1 Fitting location of fuse holder D -SD- , up to model year 2014

Fitting location, left-hand drive

Relay carrier on left under dash panel.

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

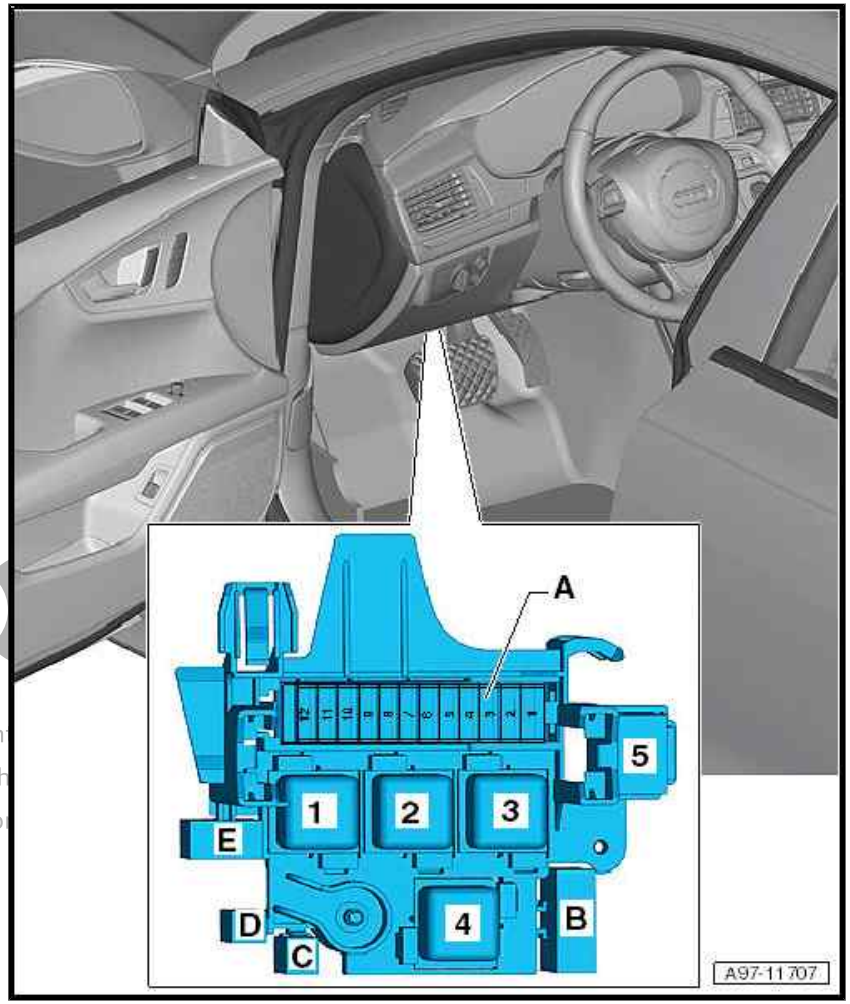
A - Fuse holder D -SD-

- Left-hand drive vehicles only
- Fuse assignment ⇒ page 57

B - ABS control unit fuse 1 -S123- , 40 A

- Left-hand drive vehicles only

right-hand drive: not assigned



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1.12.2 Fitting location of fuse holder D -SD- , from model year 2015

Fitting location, left-hand drive

Relay carrier on left under dash panel.

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

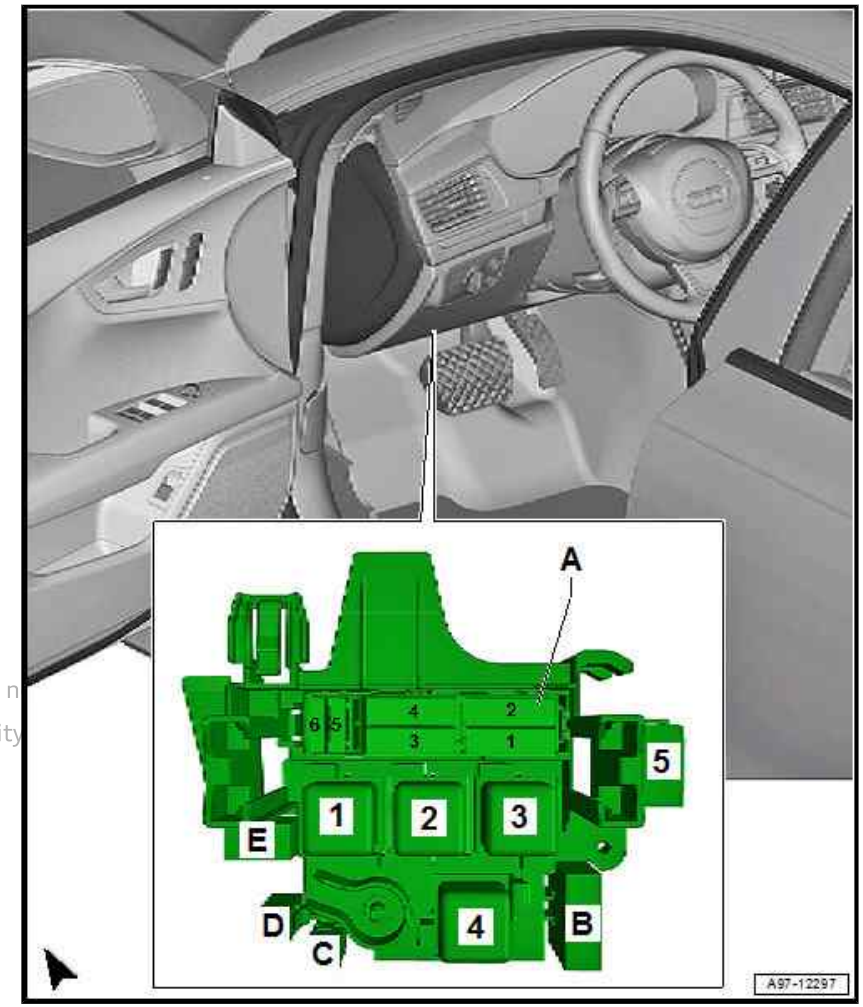
A - Fuse holder D -SD-

- ❑ Left-hand drive vehicles only
- ❑ Fuse assignment ⇒ page 58

B - ABS control unit fuse 1 -S123- , 40 A

- ❑ Left-hand drive vehicles only

right-hand drive: not assigned



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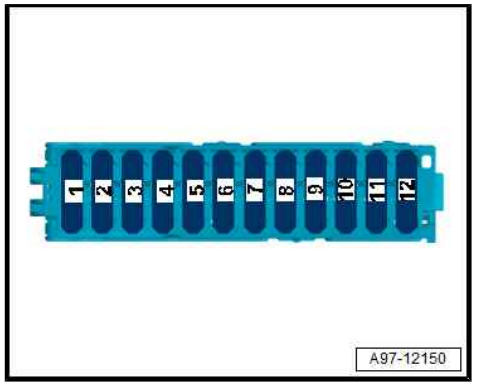
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1.13 Fuse assignment for fuse holder D -SD-

⇒ “1.13.1 Fuse assignment fuse holder D SD , up to model year 2014”, page 57

⇒ “1.13.2 Fuse assignment fuse holder D SD , from model year 2015”, page 58

1.13.1 Fuse assignment, fuse holder D -SD- , up to model year 2014

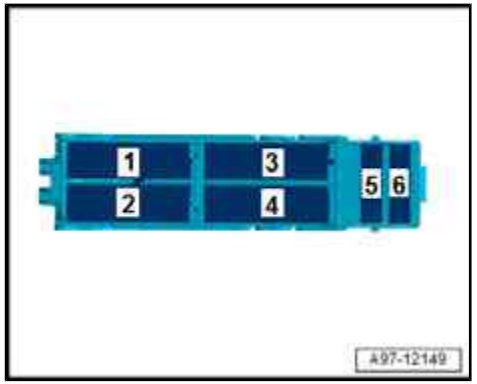


No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder D -SD1-	5	-	Terminal 15 voltage supply relay -J329-	30
2	-	not assigned		-		
3	-	Fuse 3 on fuse holder D -SD3-	5 A	-	Control unit for sensor electronics -J849-	30
4	-	Fuse 4 on fuse holder D -SD4-	20 A	-	ABS control unit -J104-	30
5	-	Fuse 5 on fuse holder D -SD5-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12-	30
6	-	Fuse 6 on fuse holder D -SD6-	35 A	-	Onboard supply control unit -J519-	30
7	-	Fuse 7 on fuse holder D -SD7-	20 A	-	Onboard supply control unit -J519-	30
8	-	Fuse 8 on fuse holder D -SD8-	30 A	-	Onboard supply control unit -J519-	30
9	-	Fuse 9 on fuse holder D -SD9-	30 A	-	Onboard supply control unit -J519-	30
10	-	Fuse 10 on fuse holder D -SD10-	30 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder D -SD11-	5 A	-	Front interior light -W1- Roof electronics control unit -J528-	30
12	-	Fuse 12 on fuse holder D -SD12-	5 A	-	Remote control receiver for auxiliary heater -R64-	30

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1.13.2 Fuse assignment, fuse holder D -SD- , from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	not assigned		-		
2	-	Fuse 2 on fuse holder D -SD2-	60 A	-	Terminal 30 voltage supply relay -J317- Fuse holder A -SA-, only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF	30
3	-	not assigned		-		
4	-	not assigned		-		
5	-	not assigned		-		
6	-	not assigned		-		

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1.14 Fitting location of fuses on relay carrier behind dash panel

Fitting location

On right under dash panel.

A - Fuse 3 (30) -S206- , 60 A, Terminal 30 voltage supply relay -J317-

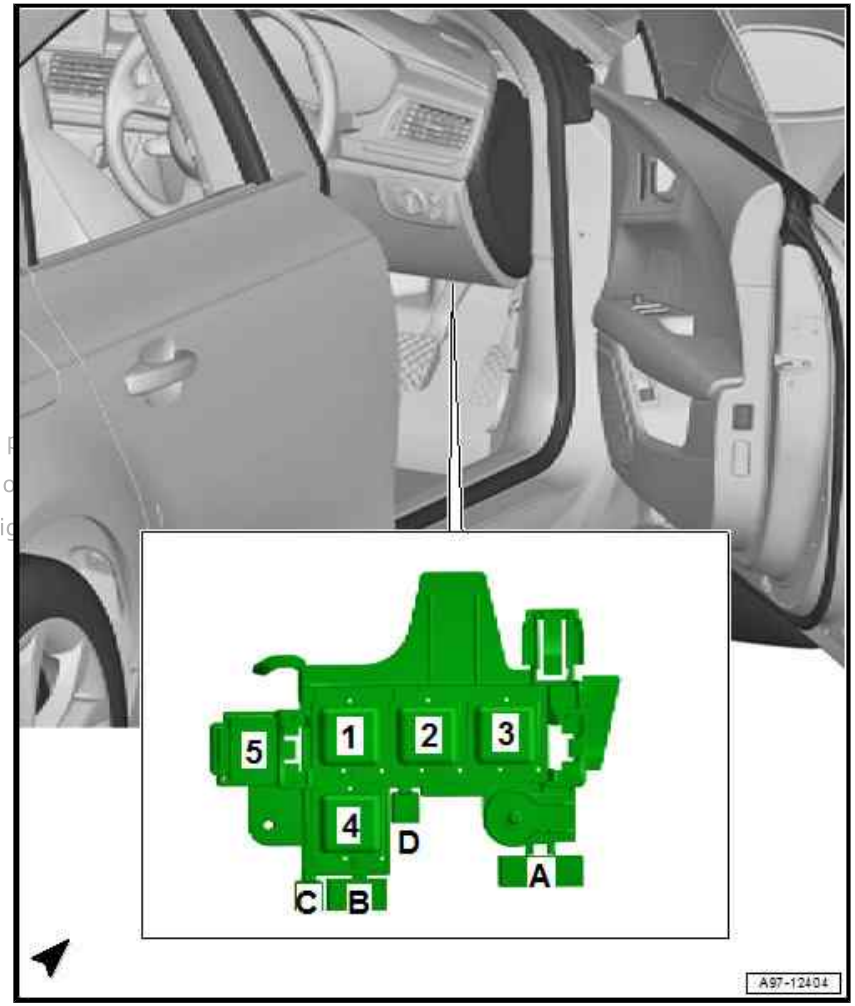
- ❑ Right-hand drive vehicles only
- ❑ Only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

B - not assigned

C - not assigned

D - not assigned

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1.15 Fitting location of fuses on additional relay carrier in relay carrier behind dash panel

⇒ “1.15.1 Fitting location of fuses on additional relay carrier in relay carrier behind dash panel, left-hand drive”, page 60

⇒ “1.15.2 Fitting location of fuses on additional relay carrier in relay carrier behind dash panel, right-hand drive”, page 61

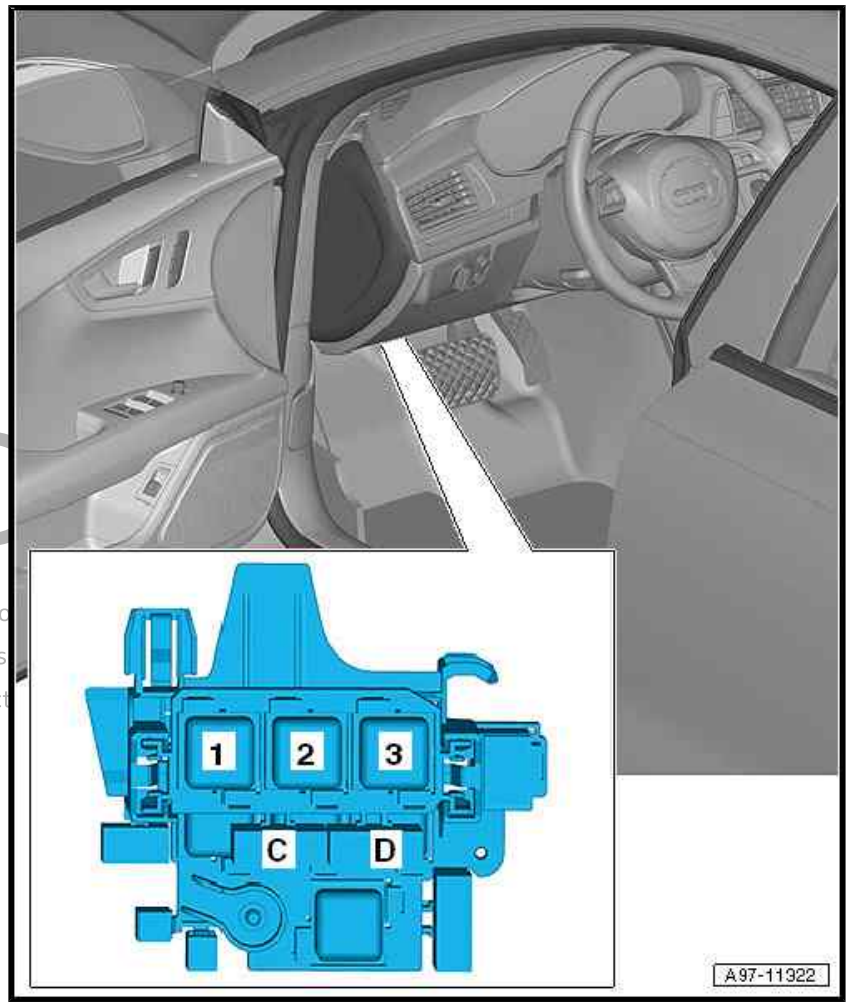
1.15.1 Fitting location of fuses on additional relay carrier in relay carrier behind dash panel, left-hand drive

Fitting location

On relay and fuse carrier behind dash panel on left.

C - Heater element fuse 1 -S276- , 40 A

D - Heater element fuse 2 -S277- , 60 A



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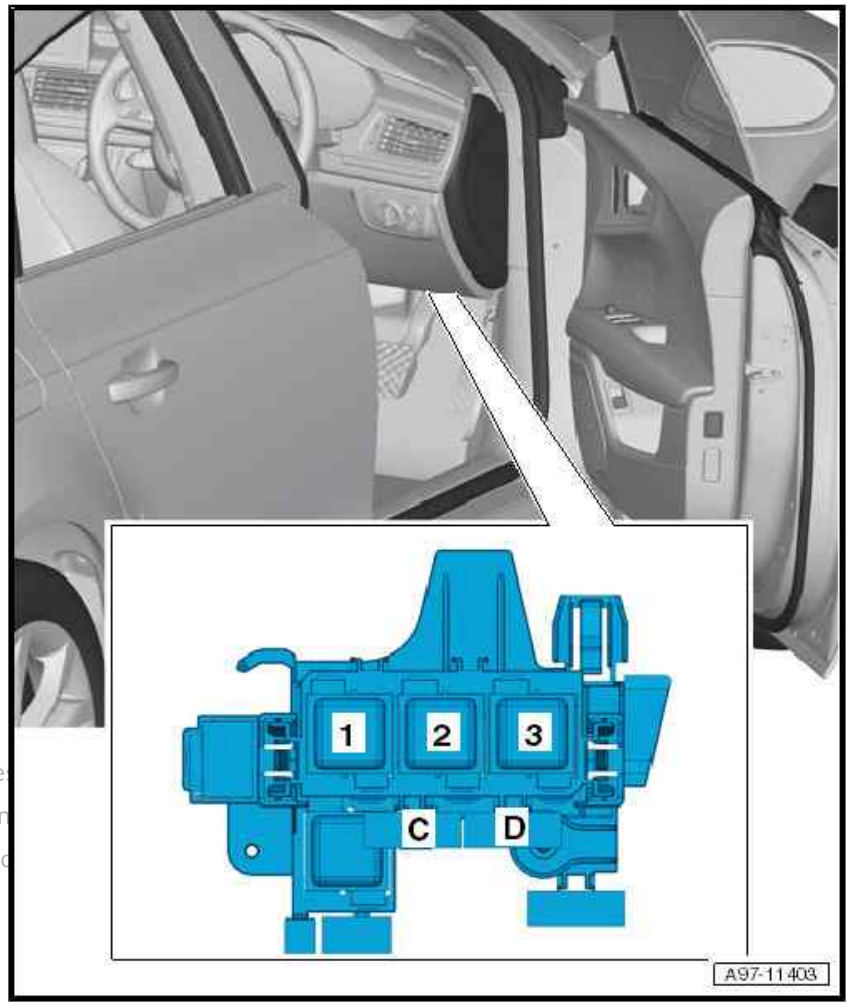
1.15.2 Fitting location of fuses on additional relay carrier in relay carrier behind dash panel, right-hand drive

Fitting location

On relay and fuse carrier behind dash panel on right.

C - Heater element fuse 1 -S276- , 40 A

D - Heater element fuse 2 -S277- , 60 A



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1.16 Fitting location of fuse holder F -SF-

⇒ “1.16.1 Fitting location of fuse holder F SF , up to model year 2014”, page 62

⇒ “1.16.2 Fitting location of fuse holder F SF , from model year 2015”, page 64

1.16.1 Fitting location of fuse holder F -SF- , up to model year 2014

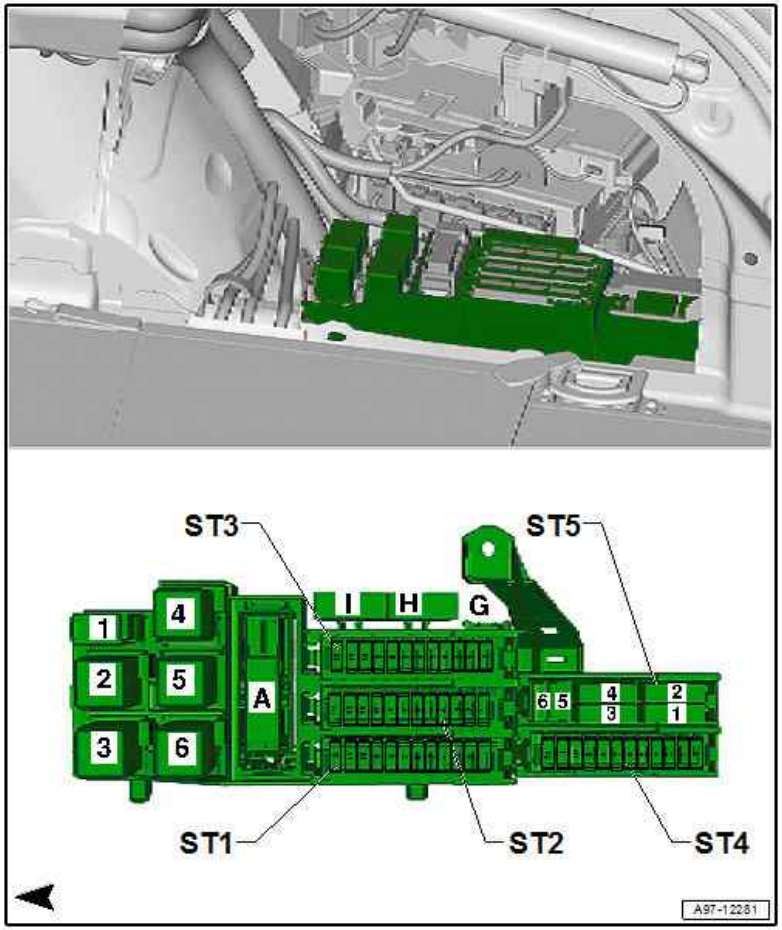
Fitting location

In luggage compartment, rear right.

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown

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A - 46-pin connector -T46b- , CAN disconnector, black

G - not assigned

H - Rear lid remote release fuse -S195- , 1 A

I1 - Optional equipment main fuse -S245- , 15 A

- ❑ Models with no special public authority / hire car equipment only

I1 - Thermal fuse 1 -S361- , 20 A

- ❑ models with China equipment only

I2 - Fuse 1 (15) -S199- , 5 A

- ❑ Models with special public authority / hire car equipment only

I2 - Taximeter fuse -S182- , 5 A

- ❑ Models with special hire car equipment only

I2 - Thermal fuse 2 -S362- , 20 A

- ❑ models with China equipment only

ST1 - Fuse carrier 1 -ST1- , black, left-hand drive

- ❑ Fuse assignment ⇒ page 66

ST1 - Fuse carrier 1 -ST1- , green, right-hand drive

- ❑ Fuse assignment ⇒ page 66

ST2 - Fuse carrier 2 -ST2- , red, left-hand drive

- ❑ Fuse assignment ⇒ page 69

ST2 - Fuse carrier 2 -ST2- , red, right-hand drive

- ❑ Fuse assignment ⇒ page 70

ST3 - Fuse carrier 3 -ST3- , brown, left-hand drive

- ❑ Fuse assignment ⇒ page 72

ST3 - Fuse carrier 3 -ST3- , black, right-hand drive

- ❑ Fuse assignment ⇒ page 73

ST4 - Fuse carrier 4 -ST4- , green, left-hand drive

- ❑ Fuse assignment ⇒ page 75

ST4 - Fuse carrier 4 -ST4- , brown, right-hand drive

- ❑ Fuse assignment ⇒ page 77

ST5 - Fuse carrier 5 -ST5- , black, right and left-hand drive

- ❑ Fuse assignment ⇒ page 80

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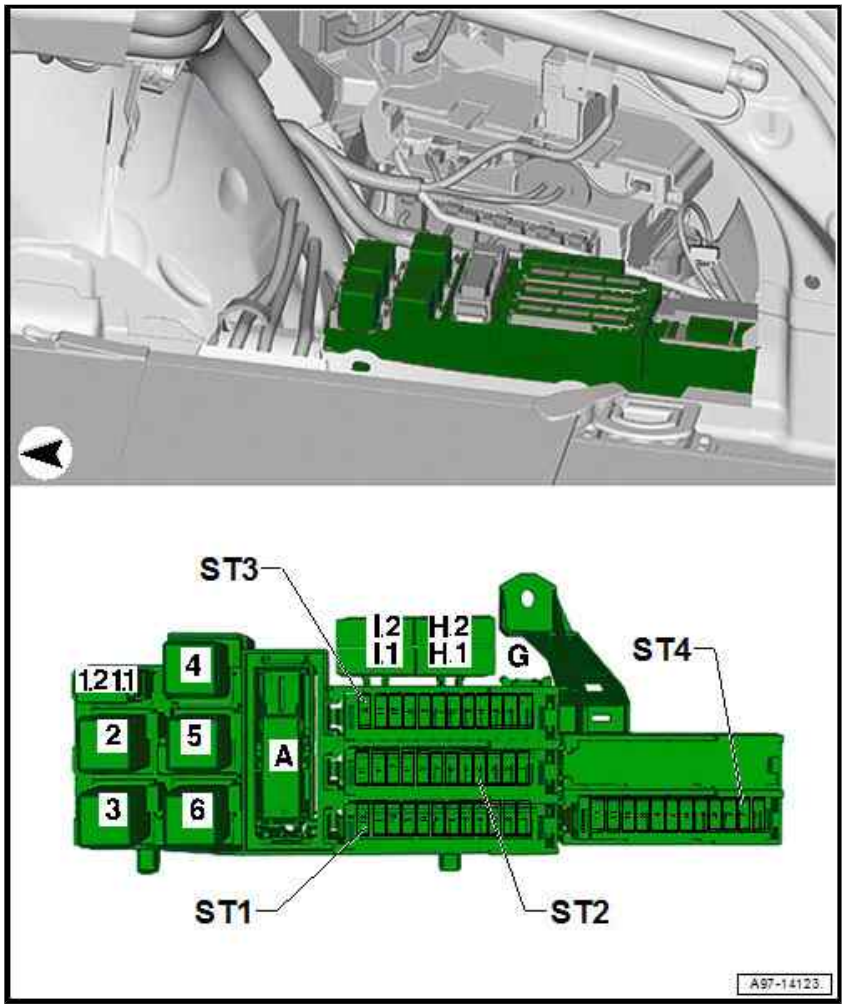
1.16.2 Fitting location of fuse holder F -SF- , from model year 2015

Fitting location

In luggage compartment, rear right.

Fuse colours

- 40 A - orange
- 30 A - light green
- 25 A - clear
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light brown



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A - 46-pin connector -T46b- , CAN disconnector, black

G - not assigned

H1 - Heated rear window fuse -S41- , 40 A

H2 - not assigned

I1 - Optional equipment main fuse -S245- , 15 A

- ❑ Models with no special public authority / hire car equipment only

I1 - Thermal fuse 1 -S361- , 20 A

- ❑ Models with China equipment only and left-hand drive only

I2 - Fuse 1 (15) -S199- , 5 A

- ❑ Models with special public authority / hire car equipment only

I2 - Taximeter fuse -S182- , 5 A

- ❑ Models with special hire car equipment only

I2 - Thermal fuse 2 -S362- , 20 A

- ❑ Models with China equipment only and left-hand drive only

1.1 - Levelling system fuse -S110- , 40 A

1.2 - Fuse 1 (30) -S204- , 50 A

ST1 - Fuse carrier 1 -ST1- , black, right and left-hand drive

- ❑ Fuse assignment ⇒ page 67

ST2 - Fuse carrier 2 -ST2- , red, left and right-hand drive

- ❑ Fuse assignment ⇒ page 71

ST3 - Fuse carrier 3 -ST3- , brown, left and right-hand drive

- ❑ Fuse assignment ⇒ page 74

ST4 - Fuse carrier 4 -ST4- , black, right and left-hand drive

- ❑ Fuse assignment ⇒ page 78

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1.17 Fuse assignment for fuse holder F -SF-

⇒ “1.17.1 Fuse assignment fuse carrier 1 ST1 , black, left-hand drive, green, right-hand drive up to model year 2014”, page 66

⇒ “1.17.2 Fuse assignment fuse carrier 1 ST1 , black, left and right-hand drive, from model year 2015”, page 67

⇒ “1.17.3 Fuse assignment fuse carrier 2 ST2 , red, left-hand drive, up to model year 2014”, page 69

⇒ “1.17.4 Fuse assignment fuse carrier 2 ST2 , red, right-hand drive, up to model year 2014”, page 70

⇒ “1.17.5 Fuse assignment fuse carrier 2 ST2 , red, left and right-hand drive, from model year 2015“, page 71

⇒ “1.17.6 Fuse assignment fuse carrier 3 ST3 , brown, left-hand drive, up to model year 2014”, page 72

⇒ “1.17.7 Fuse assignment fuse carrier 3 ST3 , black, right-hand drive, up to model year 2014”, page 73

⇒ “1.17.8 Fuse assignment fuse carrier 3 ST3 , brown, left and right-hand drive, from model year 2015“, page 74

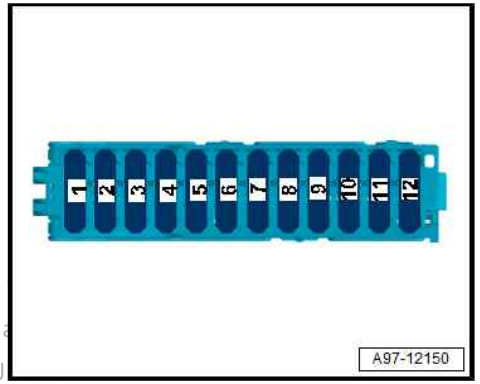
⇒ “1.17.9 Fuse assignment fuse carrier 4 ST4 , green, left-hand drive, up to model year 2014”, page 75

⇒ a1.17.10 ssignment fuse carrier 4 ST4 , brown, right-hand drive, up to model year 2014”, page 77

⇒ “1.17.11 Fuse assignment fuse carrier 4 ST4 , black, left and right-hand drive, from model year 2015”, page 78

⇒ a1.17.12 ssignment, fuse carrier 5 ST5 , black, left and right-hand drive, up to model year 2014”, page 80

1.17.1 Fuse assignment, fuse carrier 1 -ST1- , black in left-hand drive, green in right-hand drive, up to model year 2014



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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	15 A 25 A[1)]	-	Trailer detector control unit -J345- DC/AC converter with socket, 12 V - 230 V -U13- [1)]	30

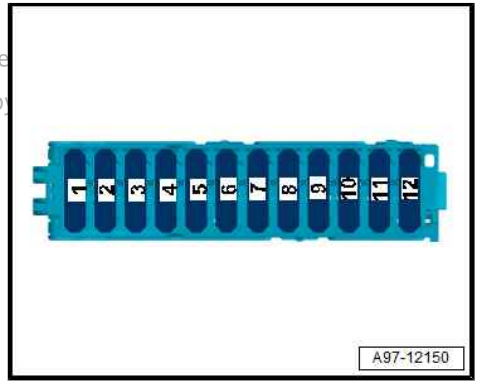
2	-	Fuse 2 on fuse holder F -SF2-	20 A 10 A[1)]	-	Trailer detector control unit -J345- Cup holder with heater and cooling element -Z105- [1)]	30
3	-	Fuse 3 on fuse holder F -SF3-	20 A 5 A[1)]	-	Trailer detector control unit -J345- Rear left seat massage function button -E409- [1)] Rear right seat massage function button -E410- [1)]	30
4	-	Fuse 4 on fuse holder F -SF4-	30 A	-	Control unit for electromechanical parking brake -J540-	30
5	-	Fuse 5 on fuse holder F -SF5-	30 A	-	Control unit for electromechanical parking brake -J540-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A	-	Front passenger door control unit -J387-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Convenience system central control unit -J393-	30
8	-	Fuse 8 on fuse holder F -SF8-	20 A	-	Convenience system central control unit -J393-	30
9	-	Fuse 9 on fuse holder F -SF9-	15 A	-	Control unit for front right seat ventilation -J799-	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	12-pin connector -T12o- interface for special functions	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Operating and display unit for rear air conditioning system -E265- Seat heating control unit -J882-	30
12	-	not assigned		-		

◆ [1)] Models with China equipment only

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1.17.2 Fuse assignment fuse carrier 1 -ST1- , black, left and right-hand drive, from model year 2015

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal

1	-	Fuse 1 on fuse holder F -SF1-	15 A 25 A[1)]	-	Trailer detector control unit -J345- Rear cigarette lighter -U9- DC/AC converter with socket, 12 V - 230 V -U13- [1)]	30
2	-	Fuse 2 on fuse holder F -SF2-	25 A 10 A[1)]	-	Trailer detector control unit -J345- Cup holder with heater and cooling element -Z105- [1)]	30
3	-	Fuse 3 on fuse holder F -SF3-	25 A 5 A[1)]	-	Trailer detector control unit -J345- Rear left seat massage function button -E409- [1)] Rear right seat massage function button -E410- [1)]	30
4	-	Fuse 4 on fuse holder F -SF4-	30 A	-	Control unit for electromechanical parking brake -J540-	30
5	-	Fuse 5 on fuse holder F -SF5-	30 A	-	Control unit for electromechanical parking brake -J540-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A	-	Front passenger door control unit -J387-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Convenience system central control unit -J393-	30
8	-	Fuse 8 on fuse holder F -SF8-	20 A	-	Convenience system central control unit -J393-	30
9	-	Fuse 9 on fuse holder F -SF9-	15 A	-	Control unit for front right seat ventilation -J799-	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	12-pin connector -T12o- , interface for special functions Maintenance connector for high-voltage system -TW- [2)]	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Operating and display unit for rear air conditioning system -E265- Seat heating control unit -J882-	30
12	-	Fuse 12 on fuse holder F -SF12-	15 A [3)]/ 7.5 A [4)]	-	Trailer detector control unit -J345- [3)] Interface control unit for vehicle tracking -J1221- [4)] Interface for telephone -RX8- [4)]	30

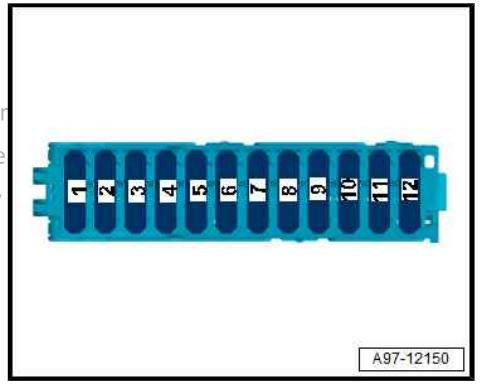
- [1)] Models with long wheel base only, K8L
- [2)] Models with high-voltage system only, from calendar week 47/2016
- [3)] Models without high-voltage system only
- [4)] Models with high-voltage system only, from July 2017

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1.17.3 Fuse assignment, fuse carrier 2 -ST2- , red, left-hand drive, up to model year 2014

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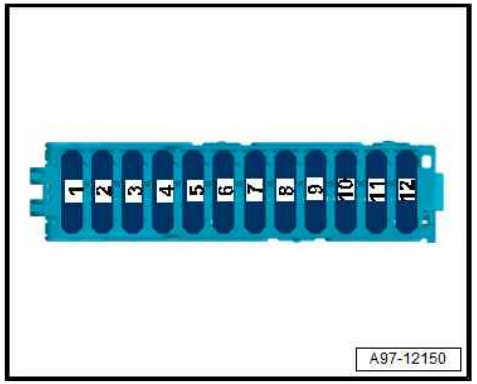


No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	25 A	-	Control unit for front left belt tensioner -J854-	15
2	-	Fuse 2 on fuse holder F -SF2-	25 A	-	Control unit for front right belt tensioner -J855-	15
3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Cigarette lighter -U1- 12 V socket -U5- DC/AC converter with socket, 12 V - 230 V -U13-	87
4	-	Fuse 4 on fuse holder F -SF4-	20 A	-	Rear cigarette lighter -U9- 12 V socket 2 -U18- 12 V socket 3 -U19- 12 V socket 4 -U20-	87
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Electromechanical parking brake button -E538-	30
6	-	Fuse 6 on fuse holder F -SF6-	15 A	-	Adaptive suspension control unit -J197- 1) Electronically controlled damping control unit -J250- 2)	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Rear right door control unit -J389-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Convenience system central control unit -J393-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Rear lid control unit -J605-	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Telephone bracket -R126- Aerial amplifier for mobile telephone -R86-	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Digital sound package control unit 2 -J787-	30
12	-	not assigned		-		

- 1) Models with adaptive suspension control (1BK/1BS/1BY/2MA)
- 2) Models with Dynamic Ride Control (1BV/2MB/2MC)

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1.17.4 Fuse assignment, fuse carrier 2 -ST2- , red, right-hand drive, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	25 A	-	Control unit for front left belt tensioner -J854-	15
2	-	Fuse 2 on fuse holder F -SF2-	25 A	-	Control unit for front right belt tensioner -J855-	15
3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Cigarette lighter -U1- 12 V socket -U5- DC/AC converter with socket, 12 V - 230 V -U13-	87
4	-	Fuse 4 on fuse holder F -SF4-	20 A	-	Rear cigarette lighter -U9- 12 V socket 2 -U18- 12 V socket 3 -U19- 12 V socket 4 -U20-	87
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Electromechanical parking brake button -E538-	30
6	-	Fuse 6 on fuse holder F -SF6-	15 A	-	Adaptive suspension control unit -J197- 1) Electronically controlled damping control unit -J250- 2)	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Rear right door control unit -J389-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Convenience system central control unit -J393-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Rear lid control unit -J605-	30
10	-	Fuse 10 on fuse holder F -SF10-	15 A	-	Rear left door control unit -J388-	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Digital sound package control unit 2 -J787-	30
12	-	not assigned		-		

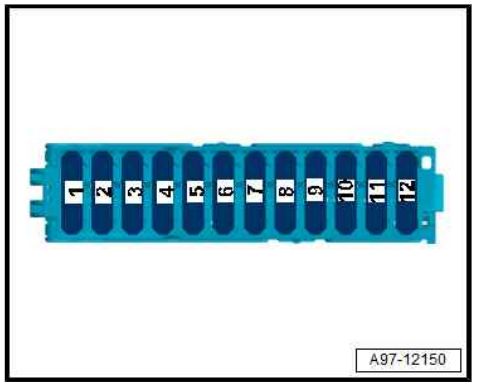
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♦ 1) Models with adaptive suspension control (1BK/1BS/1BY/2MA)

♦ 2) Models with Dynamic Ride Control (1BV/2MB/2MC)

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1.17.5 Fuse assignment fuse carrier 2 -ST2- , red, left and right-hand drive, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	25 A	-	Control unit for front left belt tensioner -J854-	87
2	-	Fuse 2 on fuse holder F -SF2-	25 A	-	Control unit for front right belt tensioner -J855-	87
3	-	Fuse 3 on fuse holder F -SF3-	30 A 1) 25 A	-	Control unit for reducing agent metering system -J880- 1) Fuel pump control unit -J538-	87
4	-	Fuse 4 on fuse holder F -SF4-	10 A1) 15 A	-	Relay for reducing agent metering system -J963- 1) Control unit for reducing agent metering system -J880- 1) Power unit mounting control unit -J931-	87 30
5	-	Fuse 5 on fuse holder F -SF5-	1 A	-	Rear lid power opening control unit -J938-	30
6	-	Fuse 6 on fuse holder F -SF6-	15 A	-	Adaptive suspension control unit -J197- 2) Electronically controlled damping control unit -J250- 3)	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Rear right door control unit -J389-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Convenience system central control unit -J393-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Rear lid control unit -J605-	30
10	-	Fuse 10 on fuse holder F -SF10-	15 A 4)	-	Preparation for multimedia system 4)	30
11	-	not assigned				
12	-	Fuse 12 on fuse holder F -SF12-	20 A	-	Sliding sunroof motor -V1-	30

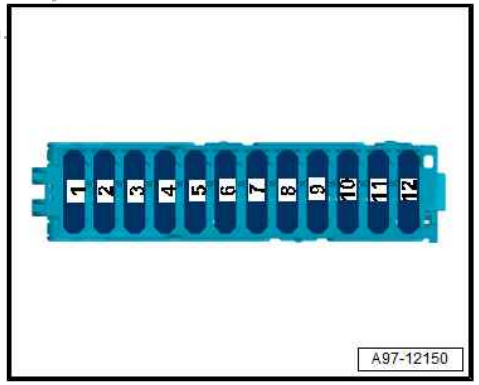
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- 1) Models with reducing agent metering system only
- 2) Models with adaptive suspension control (1BK/1BS/1BY/2MA)
- 3) Models with Dynamic Ride Control (1BV/2MB/2MC)
- 4) From June 2015

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1.17.6 Fuse assignment, fuse carrier 3 -ST3- , brown, left-hand drive, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	30 A 20 A	-	Digital sound package control unit -J525- , MMI Digital sound package control unit -J525- , RMC Control unit 1 for information electronics -J794- Radio -R-	30
2	-	Fuse 2 on fuse holder F -SF2-	5 A	-	Control unit for fuel tank leak detection -J909-	30
3	-	not assigned		-		
4	-	Fuse 4 on fuse holder F -SF4-	15 A	-	Power unit mounting control unit -J931- 1) Control unit for reducing agent metering system -J880- 2)	30
5	-	not assigned		-		
6	-	Fuse 6 on fuse holder F -SF6-	35 A	-	Fan enabling relay -J937- 3) Battery fan 1 -V457- 3)	30
7	-	Fuse 7 on fuse holder F -SF7-	7.5 A	-	Radio -R- , MMI	30

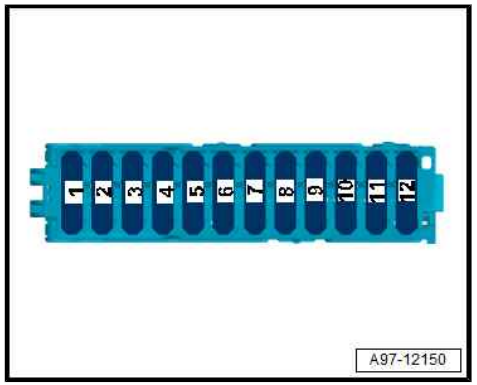
8	-	Fuse 8 on fuse holder F -SF8-	7.5 A	-	Multimedia system operating unit 2 -E499- Control unit 2 for information electronics -J829- Multimedia system display unit 1 -Y22- Multimedia system display unit 2 -Y23-	30
9	-	Fuse 9 on fuse holder F -SF9-	5 A 15 A 3)	-	Relay for automatic anti-dazzle interior mirror -J910- Drive battery -A2- 3)	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-	30
11	-	Fuse 11 on fuse holder F -SF11-	5 A	-	TV tuner -R78- Digital TV tuner -R171-	30
12	-	not assigned		-		

- 1) Engine codes CEUC, CEUD, CTGE only
- 2) Models with reducing agent metering system only
- 3) Engine code CHJA only

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1.17.7 Fuse assignment, fuse carrier 3 -ST3- , black, right-hand drive, up to model year 2014

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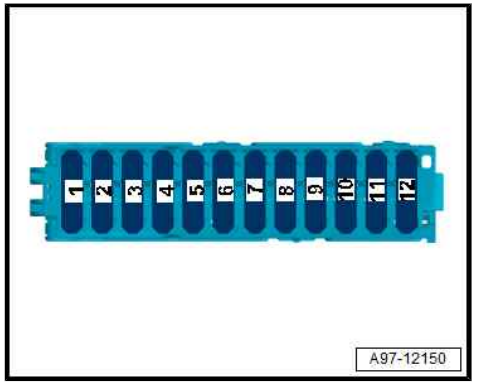
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	5 A	-	Terminal 15 voltage supply relay -J329-	30
2	-	Fuse 2 on fuse holder F -SF2-	35 A	-	Onboard supply control unit -J519-	30
3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Onboard supply control unit -J519-	30
4	-	Fuse 4 on fuse holder F -SF4-	30 A	-	Onboard supply control unit -J519-	30

5	-	Fuse 5 on fuse holder F -SF5-	30 A	-	Onboard supply control unit -J519-	30
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	Data bus diagnostic interface -J533-	30
7	-	Fuse 7 on fuse holder F -SF7-	7.5 A	-	Radio -R- , MMI	30
8	-	Fuse 8 on fuse holder F -SF8-	35 A 1)	-	Fan enabling relay -J937- 1) Battery fan 1 -V457- 1)	30
9	-	Fuse 9 on fuse holder F -SF9-	5 A	-	TV tuner -R78- Digital TV tuner -R171-	30
10	-	not assigned		-		
11	-	Fuse 11 on fuse holder F -SF11-	5 A 15 A 1)	-	Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7- Drive battery -A2- 1)	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-	30

◆ 1) Engine code CHJA only

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1.17.8 Fuse assignment fuse carrier 3 -ST3- , brown, left and right-hand drive, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	5 A	-	Remote control 1 for information electronics -E639-	30
2	-	Fuse 2 on fuse holder F -SF2-	15 A 5 A 2)	-	Voltage stabiliser -J532- High voltage heater (PTC) control unit -J848- 2)	30

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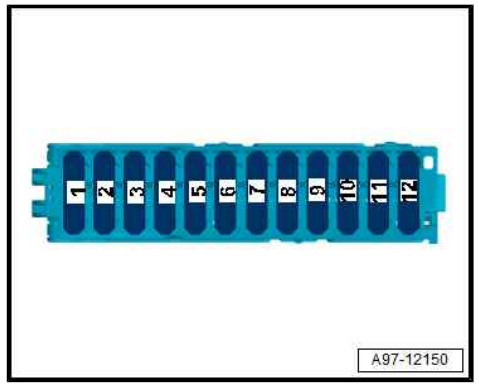
3	-	Fuse 3 on fuse holder F -SF3-	7.5 A	-	Control unit 1 for information electronics -J794- Multimedia system operating unit -E380- Relay for automatic anti-dazzle interior mirror -J910-	30
4	-	Fuse 4 on fuse holder F -SF4-	5 A	-	Reversing camera system control unit -J772- 1) Control unit for overhead view camera -J928-	30
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	TV tuner -R78-	30
6	-	Fuse 6 on fuse holder F -SF6-	5 A 15 A 2)	-	Control unit for fuel tank leak detection -J909- Thermal management coolant pump relay -J1141- 2) Thermal management coolant pump 4 -V620- 2)	30
7	-	Fuse 7 on fuse holder F -SF7-	20 A	-	Relay for power sockets -J807-	30
8	-	Fuse 8 on fuse holder F -SF8-	5 A 7.5 A 2)	-	Remote control receiver for auxiliary heater -R64- High-voltage battery charger control unit -J1050- 2)	30
9	-	Fuse 9 on fuse holder F -SF9-	7.5 A 2)	-	Battery regulation control unit -J840- 2) Hybrid battery unit -AX1- 2)	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Front passenger seat lumbar support adjustment switch -E177-	30
11	-	Fuse 11 on fuse holder F -SF11-	5 A	-	Emergency call module control unit and communication unit -J949-	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Control unit 1 for information electronics -J794-	30

- 1) Up to June 2015
- 2) Models with high-voltage system only, from calendar week 47/2016

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1.17.9 Fuse assignment, fuse carrier 4 -ST4- , green, left-hand drive, up to model year 2014



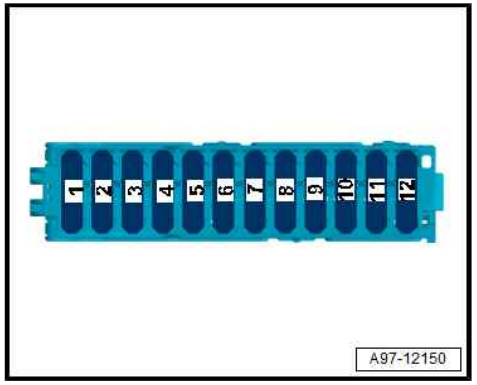
No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	5 A	-	Terminal 15 voltage supply relay 2 -J681-	15
2	-	Fuse 2 on fuse holder F -SF2-	5 A	-	Control unit for electromechanical parking brake -J540-	15
3	-	Fuse 3 on fuse holder F -SF3-	5 A	-	Adaptive suspension control unit -J197- 1) Electronically controlled damping control unit -J250- 2)	15
4	-	Fuse 4 on fuse holder F -SF4-	5 A	-	Convenience system central control unit -J393- Selector lever sensors control unit -J587- Clutch position sender -G476-	15
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Parking aid control unit -J446- Park assist steering control unit -J791-	15
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	4-pin connector -T4w, T4ad- , preparation for multimedia system	15
7	-	Fuse 7 on fuse holder F -SF7-	5 A 7.5 A 3)	-	Voltage stabiliser -J532- Drive battery -A2- 3) Battery isolation relay -J7- 3)	15
8	-	Fuse 8 on fuse holder F -SF8-	5 A	-	Lane change assist control unit -J769- Lane change assist control unit 2 -J770-	15
9	-	Fuse 9 on fuse holder F -SF9-	5 A	-	16-pin connector -T16- , diagnostic connector Onboard supply control unit -J519-	15
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	All-wheel drive control unit -J492-	15
11	-	Fuse 11 on fuse holder F -SF11-	10 A	-	Rear window wiper motor -V12- , Avant models only	15
12	-	not assigned		-		

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- 1) Models with adaptive suspension control (1BK/1BS/1BY/2MA)
- 2) Models with Dynamic Ride Control (1BV/2MB/2MC)
- 3) Engine code CHJA only

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1.17.10 Fuse assignment, fuse carrier 4 -ST4- , brown, right-hand drive, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	30 A 20 A	-	Digital sound package control unit -J525- , MMI Digital sound package control unit -J525- , RMC Control unit 1 for information electronics -J794- Radio -R-	15
2	-	Fuse 2 on fuse holder F -SF2-	5 A	-	Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	15
3	-	Fuse 3 on fuse holder F -SF3-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12-	15
4	-	Fuse 4 on fuse holder F -SF4-	5 A	-	Terminal 15 voltage supply relay 2 -J681-	15
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Control unit for electromechanical parking brake -J540-	15
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	Adaptive suspension control unit -J197- 1) Electronically controlled damping control unit -J250- 2)	15
7	-	Fuse 7 on fuse holder F -SF7-	5 A	-	Convenience system central control unit -J393- Selector lever sensors control unit -J587- Clutch position sender -G476-	15
8	-	Fuse 8 on fuse holder F -SF8-	10 A	-	Rear window wiper motor -V12- , Avant models only	15
9	-	Fuse 9 on fuse holder F -SF9-	5 A 7.5 A3)	-	Voltage stabiliser -J532- Drive battery -A2- 3) Battery isolation relay -J7- 3)	15
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Lane change assist control unit -J769- Lane change assist control unit 2 -J770-	15
11	-	Fuse 11 on fuse holder F -SF11-	5 A	-	Parking aid control unit -J446- Park assist steering control unit -J791-	15

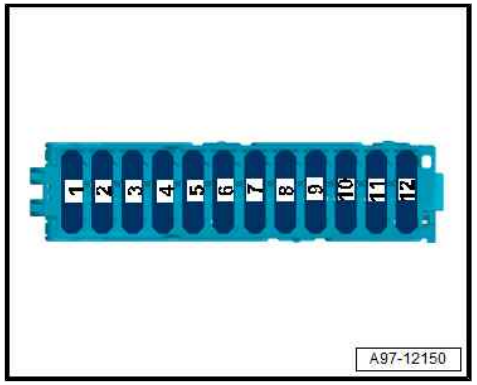
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12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Data bus diagnostic interface -J533- 16-pin connector -T16- , diagnostic connector	15

- 1) Models with adaptive suspension control (1BK/1BS/1BY/2MA)
- 2) Models with Dynamic Ride Control (1BV/2MB/2MC)
- 3) Engine code CHJA only

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1.17.11 Fuse assignment fuse carrier 4 -ST4- , black, left and right-hand drive, from model year 2015



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	5 A	-	Terminal 15 voltage supply relay 2 -J681- Voltage stabiliser -J532- Adaptive suspension control unit -J197- 1) Electronically controlled damping control unit -J250- 2) Control unit for electromechanical parking brake -J540-	15
2	-	Fuse 2 on fuse holder F -SF2-	5 A 7.5 A	-	Convenience system central control unit -J393- Selector lever sensors control unit -J587- Clutch position sender -G476-	15
3	-	Fuse 3 on fuse holder F -SF3-	5 A	-	Preparation for Rear Seat Entertainment (RSE)	15
4	-	Fuse 4 on fuse holder F -SF4-	15 A	-	Onboard supply control unit -J519- Rear window wiper motor -V12-	15
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Lane change assist control unit -J769- Lane change assist control unit 2 -J770-	15

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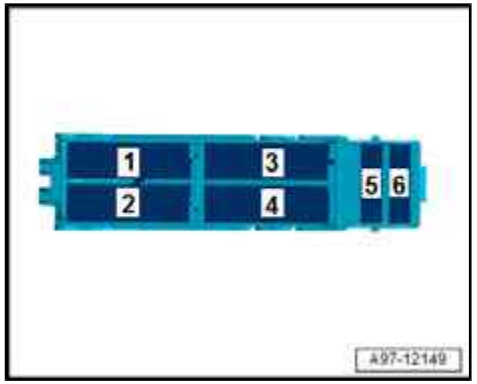
6	-	Fuse 6 on fuse holder F -SF6-	10 A [3]/ 7.5 A [4]	-	Engine sound generator control unit -J943-	15
7	-	Fuse 7 on fuse holder F -SF7-	30 A 30 A 20 A	-	Voltage stabiliser -J532- Digital sound package control unit -J525- , MMI Digital sound package control unit -J525- , RMC Control unit 1 for information electronics -J794-	30
8	-	Fuse 8 on fuse holder F -SF8-	5 A	-	Data bus diagnostic interface -J533-	30
9	-	Fuse 9 on fuse holder F -SF9-	35 A [3] 25 A [5]	-	All-wheel drive control unit -J492- [3] Vacuum pump relay -J318- [5]	30
10	-	Fuse 10 on fuse holder F -SF10-	10 A	-	Operating and display unit for rear air conditioning system -E265-	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A 5 A [7] 15 A [7]	-	Auxiliary heater control unit -J364- Tyre Pressure Monitoring System control unit -J502- [6] Thermal management control unit -J1024- [7]	30
12	-	Fuse 12 on fuse holder F -SF12-	40 A 10 A[7]	-	Voltage stabiliser -J532- High-voltage battery coolant pump relay -J1156- [7]	30

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- [1] Models with adaptive suspension control (1BK/1BS/1BY/2MA)
- [2] Models with Dynamic Ride Control (1BV/2MB/2MC)
- [3] Models without high-voltage system only
- [4] Models with high-voltage system only, from July 2017
- [5] Models with high-voltage system only, from calendar week 05/2018
- [6] For RS models only
- [7] Models with high-voltage system only, from calendar week 47/2016

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1.17.12 Fuse assignment, fuse carrier 5 -ST5- , black, left-hand and right-hand drive, up to model year 2014



No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	40 A	-	Adaptive suspension compressor relay -J403-	30
2	-	Fuse 2 on fuse holder F -SF2-	40 A	-	Voltage stabiliser -J532-	30
3	-	Fuse 3 on fuse holder F -SF3-	40 A	-	Heated rear window relay -J9-	30
4	-	Fuse 4 on fuse holder F -SF4-	40 A	-	Voltage stabiliser -J532-	30
5	-	Fuse 5 on fuse holder F -SF5-	35 A	-	All-wheel drive control unit -J492-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A 25 A 2)	-	Control unit for reducing agent metering system -J880- 1) Fuel pump relay -J17- 2)	30

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- 1) Models with reducing agent metering system only
- 2) Engine codes CRDA, CRDB, CWUA, CWUB only

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1.18 Fitting location of fuses on coupling station, on left A-pillar

⇒ “1.18.1 Fitting location of fuses on coupling station, on left A-pillar, left-hand drive”, page 80

⇒ I1.18.2 ocation of fuses on coupling station, on left A-pillar, right-hand drive”, page 82

1.18.1 Fitting location of fuses on coupling station, on left A-pillar, left-hand drive

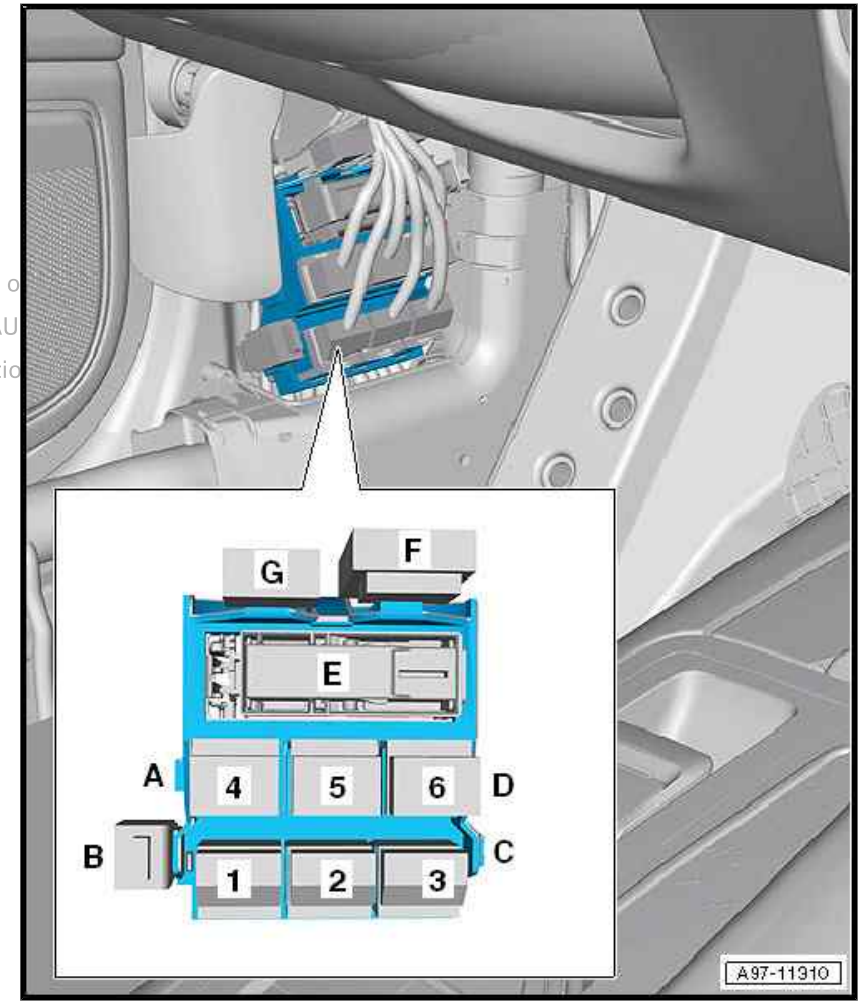
Fitting location

On lower part of left A-pillar.

F - Driver seat adjustment thermal fuse 1 -S44- , 15 A

G - Front passenger seat adjustment thermal fuse 1 -S46- , 15 A

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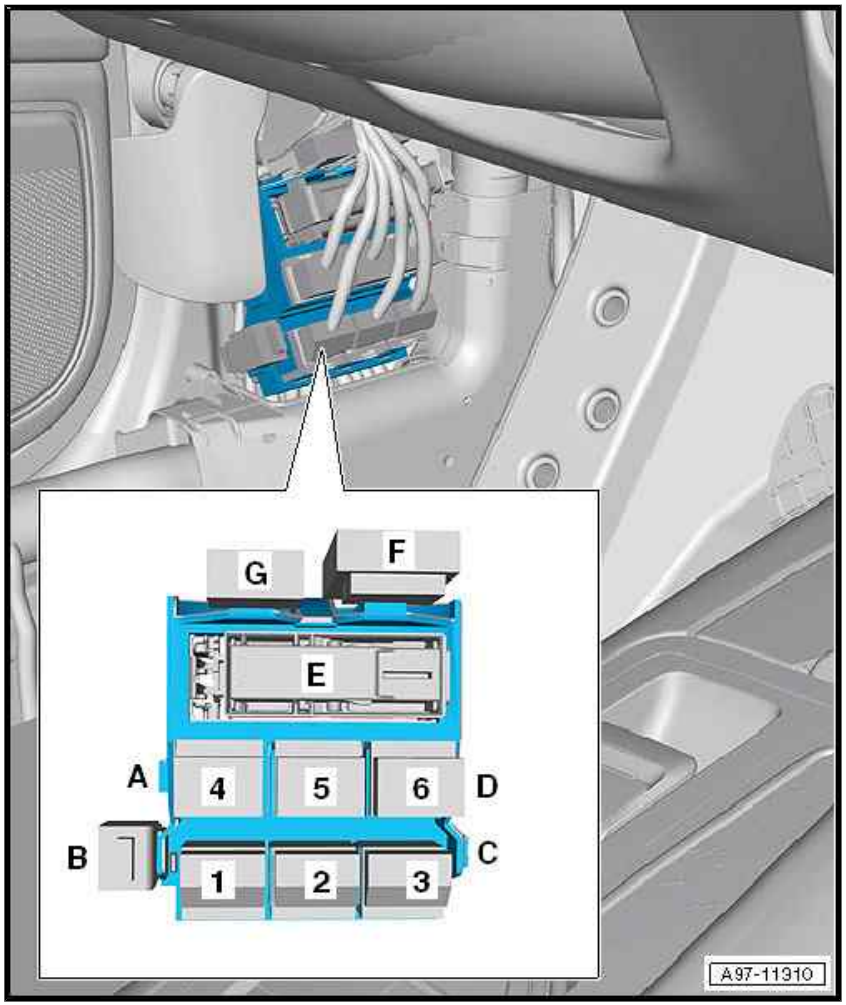
1.18.2 Fitting location of fuses on coupling station, on left A-pillar, right-hand drive

Fitting location

On lower part of left A-pillar.

F1 - ABS control unit fuse 2 -S124- , 20 A

F2 - ABS control unit fuse 1 -S123- , 40 A



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1.19 Fitting location of fuses on coupling station, on right A-pillar

Fitting location

On lower part of right A-pillar.

F - Front passenger seat adjustment thermal fuse 1 -S46- , 15 A

- ❑ Right-hand drive vehicles only

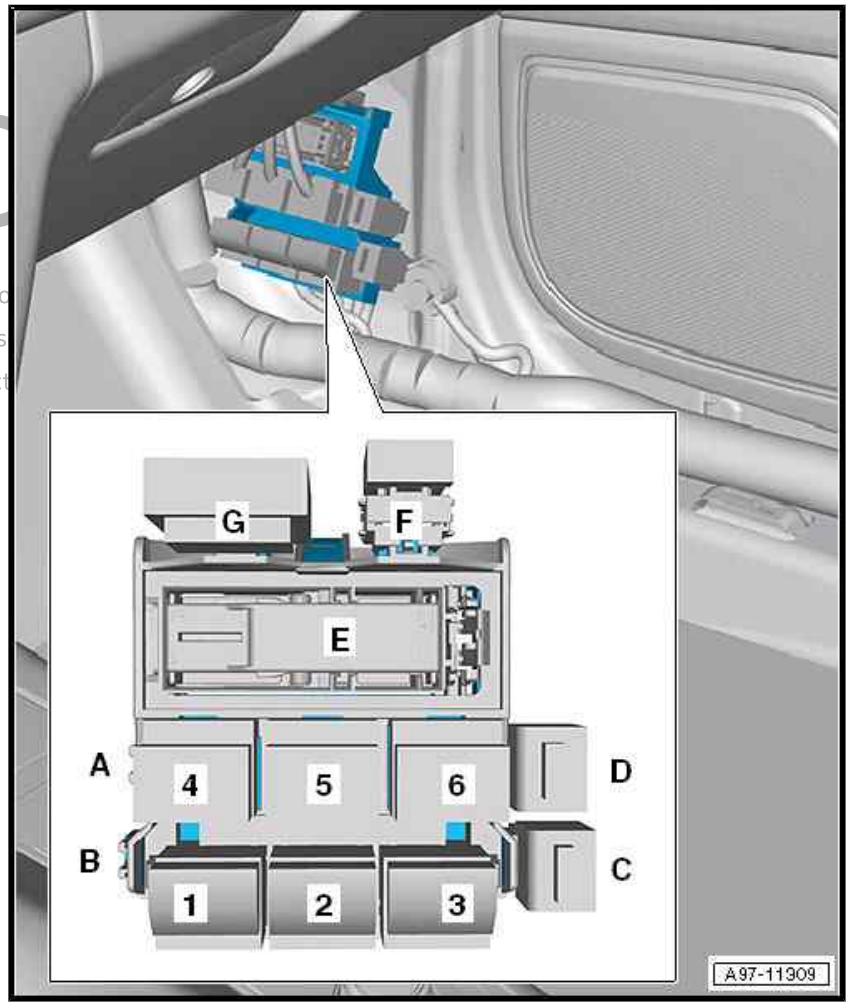
G1 - Fuse 3 (30) -S206- , 5 A

- ❑ Right-hand drive vehicles only
- ❑ up to model year 2014

G2 - Driver seat adjustment thermal fuse 1 -S44- , 15 A

- ❑ Right-hand drive vehicles only

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1.20 Fitting location of main fuse carrier on the battery -A-

Fitting location

In luggage compartment, on the battery -A-

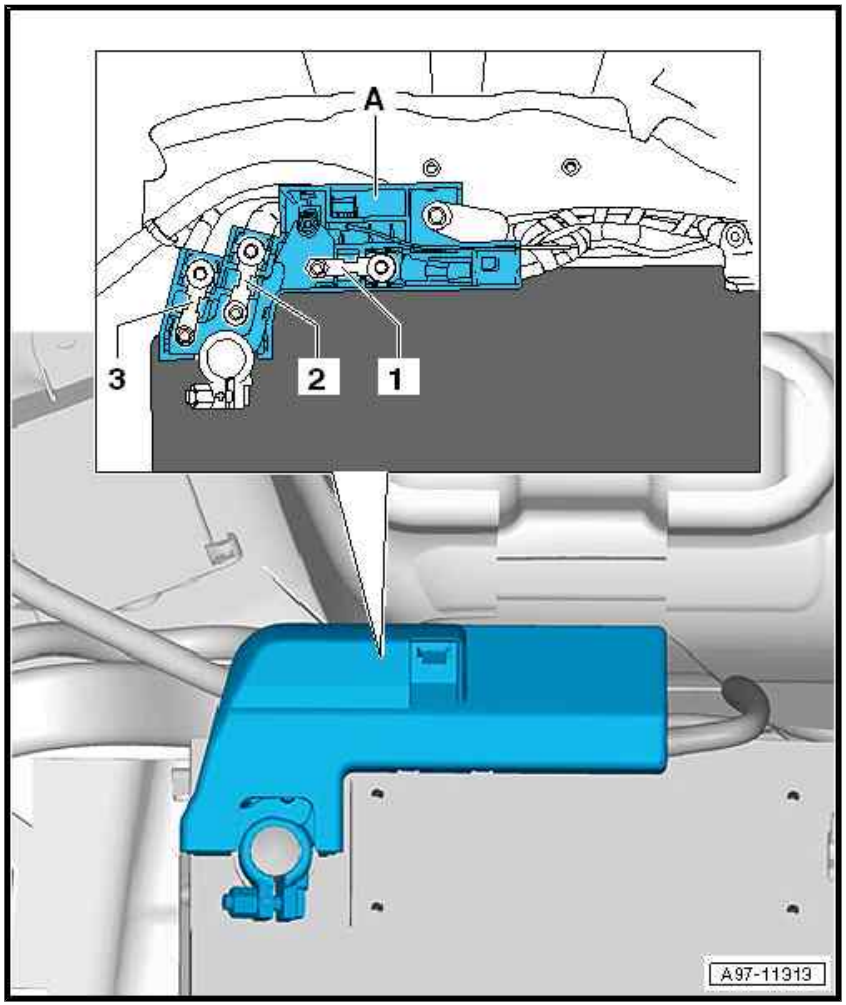
A - Battery isolation igniter -N253-

1 - Fuse 1 -S131- , 150 A

2 - Fuse 2 -S132- , 150 A, up to week 43/2011

2 - Fuse 2 -S132- , 110 A, up to week 44/2011

3 - Fuse 3 -S133- , 150 A



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1.21 Fitting location of terminal 30 wiring junction -TV2-

Fitting location

central in plenum chamber.

1 - Radiator fan single fuse -S42- , 40 A, 60 A, 80 A

2 - Radiator fan fuse for 2nd speed -S104- , 40 A, 60 A, 80 A

3 - to starter motor -B- , alternator -C- , jump start socket -U6-

4 - Heater element fuse 3 -S278- , 60 A, engine codes CRTD, CRTE, CRTF only

5 - to heater element fuse 1 -S276- , heater element fuse 2 -S277- on relay carrier at relay carrier behind dash panel ⇒ page 60

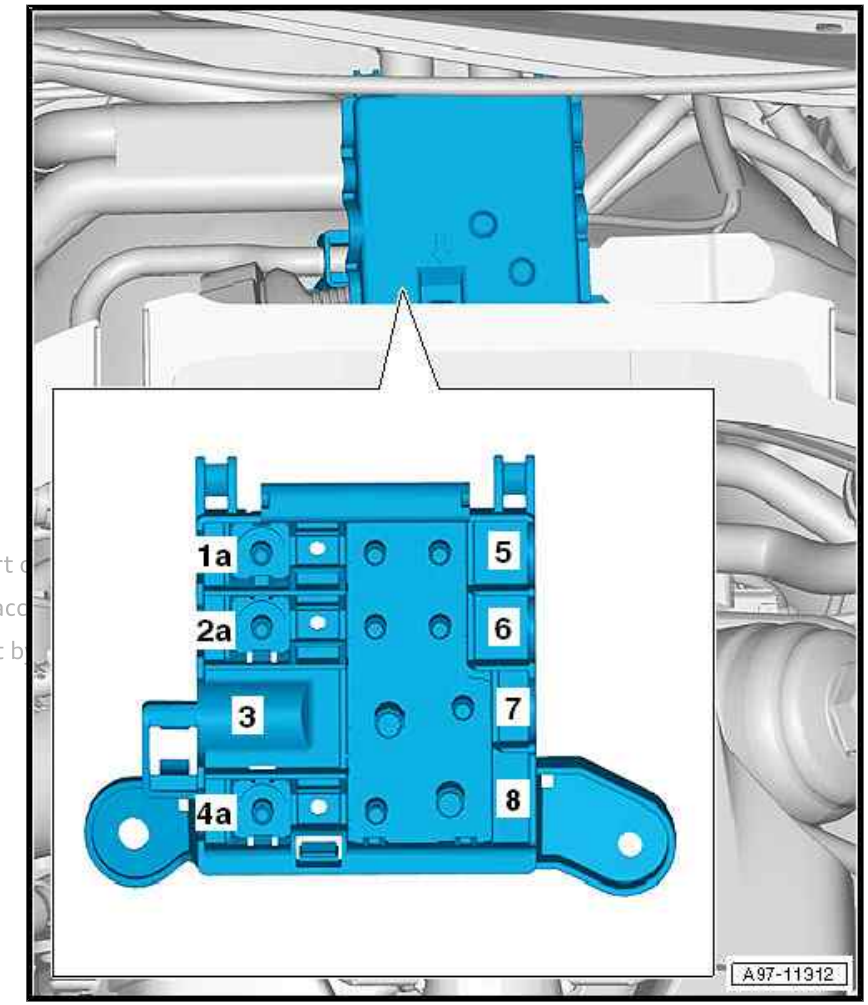
6 - Glow plug fuse -S125- , diesel engine

- ❑ Secondary air pump fuse -S130- , petrol engine

7 - Heater element fuse 3 -S278- , 60 A, engine codes CRTD, CRTE, CRTF only

8 - Terminal 30. from battery isolation igniter -N253- on main fuse carrier

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1.22 Fitting location of terminal 30 wiring junction -TV2- , models with high-voltage system

Fitting location

central in plenum chamber.

1 - Fuse in wiring junction -S330- , 175 A, to power and control electronics for electric drive -JX1-

2 - Radiator fan fuse for 2nd speed -S104- , 40 A, 60 A, 80 A

3 - Radiator fan single fuse -S42- , 40 A, 60 A, 80 A

4 - from fuse 5 (30) -S208- / wiring junction -TV1-

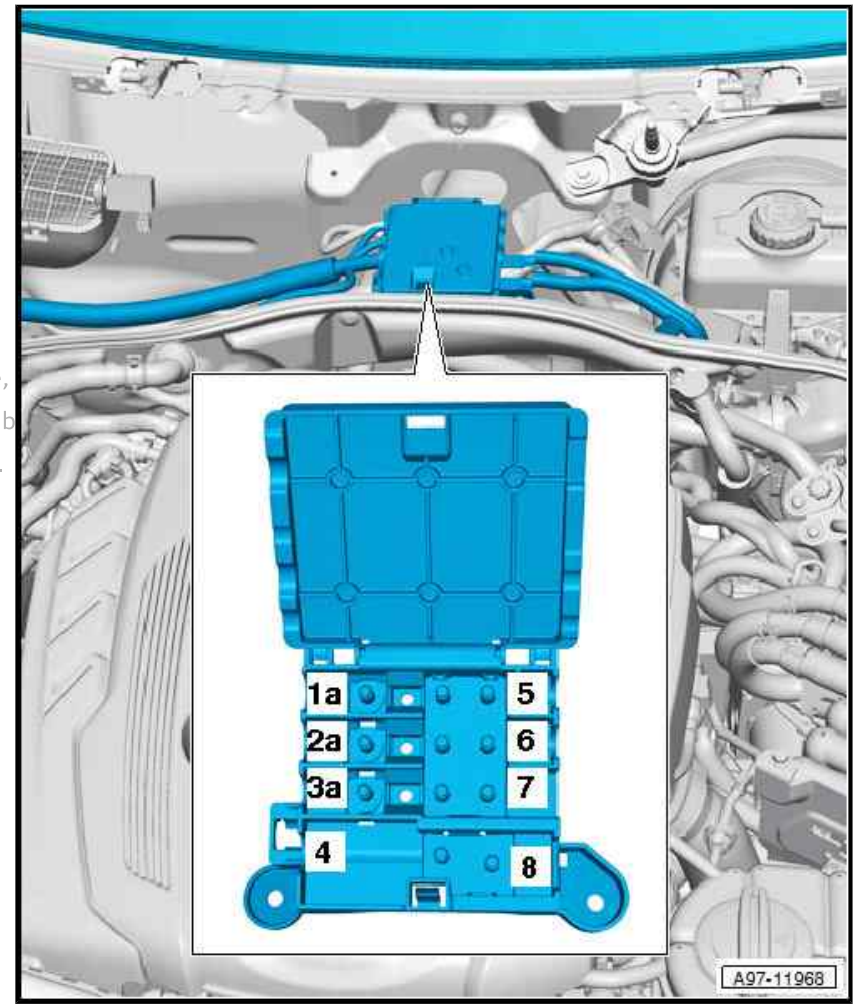
5 - to heater element fuse 1 -S276- / heater element fuse 2 -S277- / auxiliary air heater element -Z35-

6 - to secondary air pump fuse -S130- / secondary air pump relay -V101-

7 - Terminal 30 from battery -A-

8 - from jump start socket -U6-

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1.23 Fitting location of terminal 30 wiring junction 2 -TV22- , models with high-voltage system

Fitting location

At front left in engine compartment on the power and control electronics for electric drive -JX1- .

1 - Fuse 1 (30) -S204- , 175 A

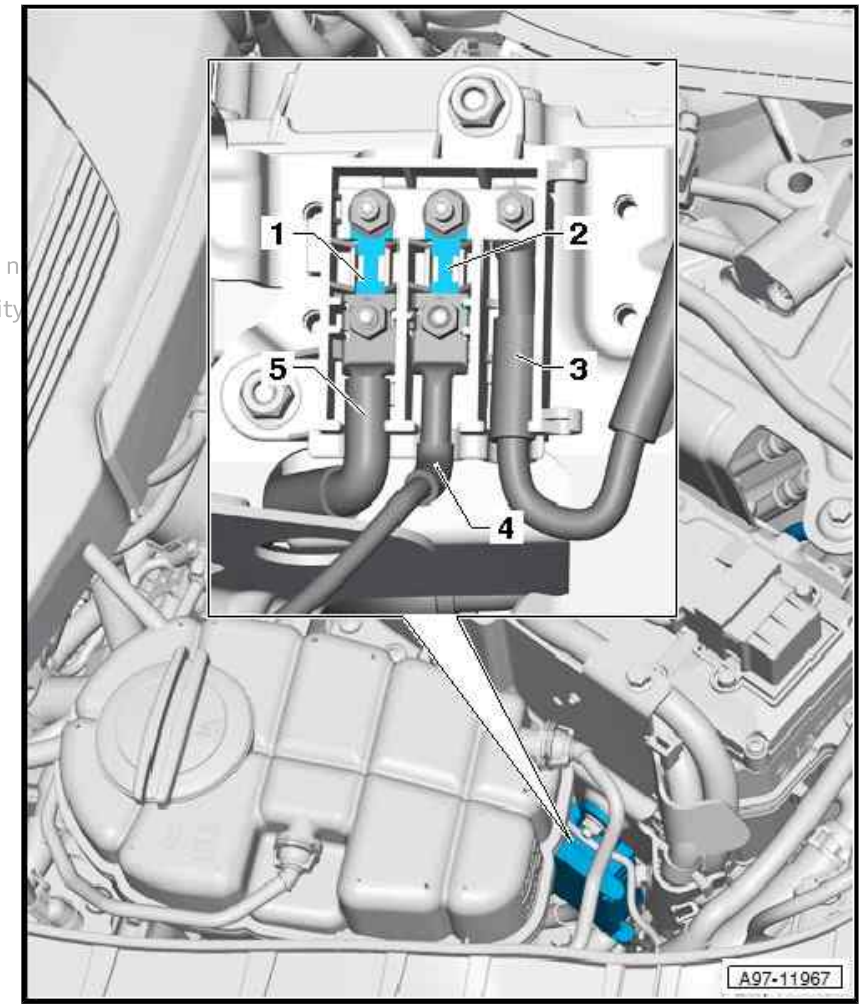
2 - Fuse 2 (30) -S205- , 110 A

3 - Positive wire from terminal 30 wiring junction -TV2- , models with high-voltage system

4 - Positive wire to power steering control unit -J500- , models with high-voltage system

5 - Positive wire to power and control electronics for electric drive -JX1- , models with high-voltage system

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1.24 Fitting location of jump start socket -U6-

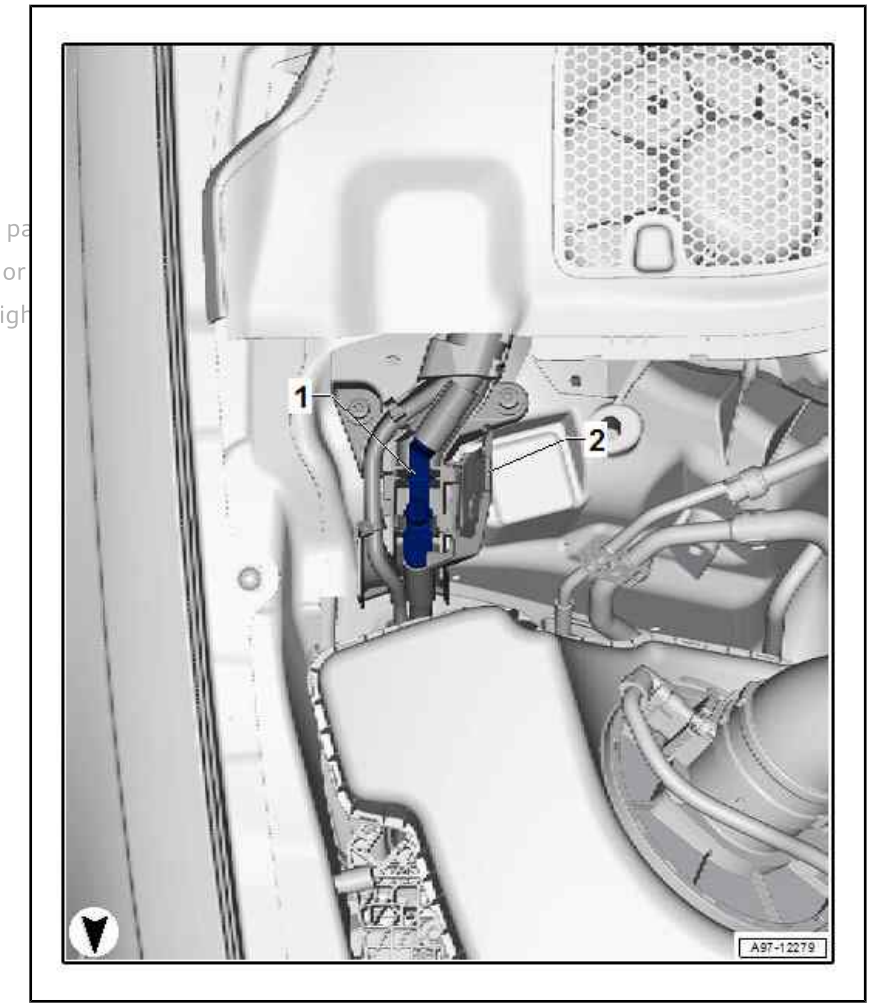
Fitting location

In rear right of engine compartment.

1 - Jump start socket -U6- , positive

2 - Cover

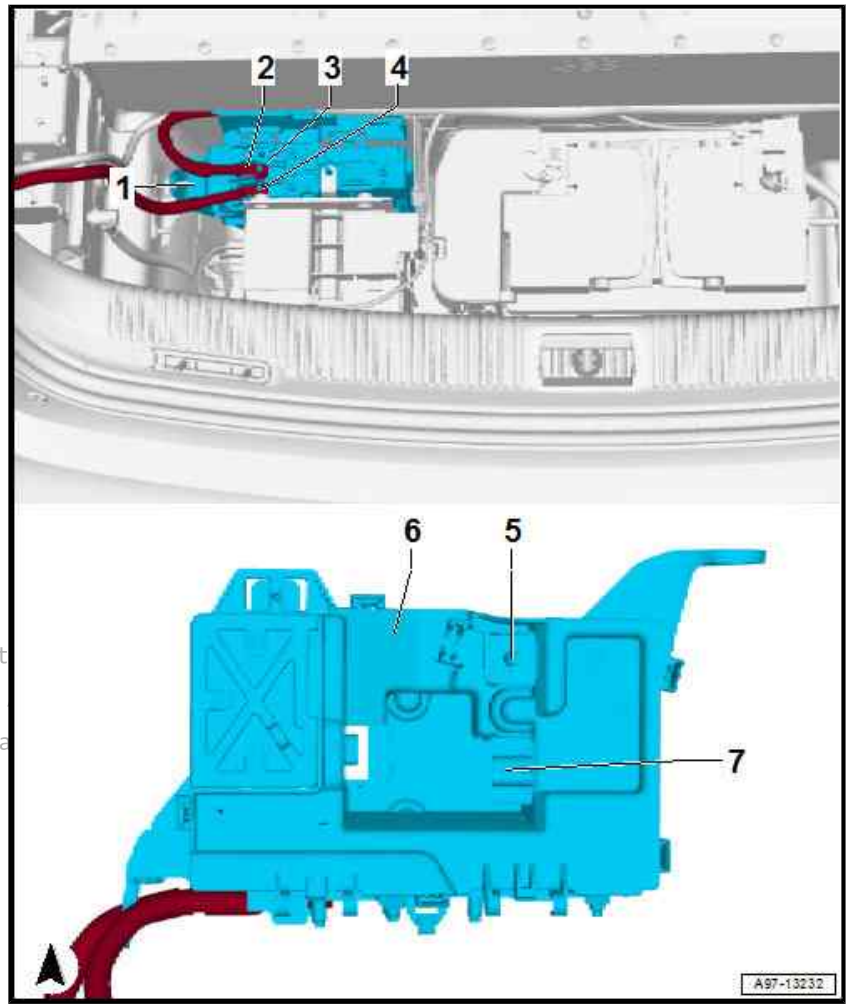
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1.25 Fitting location of wiring junction -TV1- , models with high-voltage system, from calendar week 47/2016

1 - Wiring junction -TV1-
2 - Fuse 6 (30) -S209-
3 - Fuse 3 (30) -S206-
4 - Fuse 5 (30) -S208-
5 - Positive wire from second battery -A1-
6 - Battery isolation relay -J7-
7 - 2-pin connector -T2mw-



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1 Earth points

1.1 Overview of earth points

685 - Earth point 1 at front of right longitudinal member
- ❑ Fitting location ⇒ page 2

13 - Earth point, on right in engine compartment
- ❑ Fitting location ⇒ page 3

43 - Earth point, lower part of right A-pillar
- ❑ Fitting location ⇒ page 3

45 - Earth point, centre behind dash panel
- ❑ Fitting location ⇒ page 9

687 - Earth point 1, on centre tunnel
- ❑ Fitting location ⇒ page 3

35 - Earth point, under front passenger seat
- ❑ Fitting location ⇒ page 4

688 - Earth point 2, on centre tunnel
- ❑ Fitting location ⇒ page 4

654 - Earth point, on right D-pillar
- ❑ Fitting location ⇒ page 4

51 - Earth point, on right in luggage compartment
- ❑ Fitting location ⇒ page 5

624 - Earth point, starter battery
- ❑ Fitting location ⇒ page 5

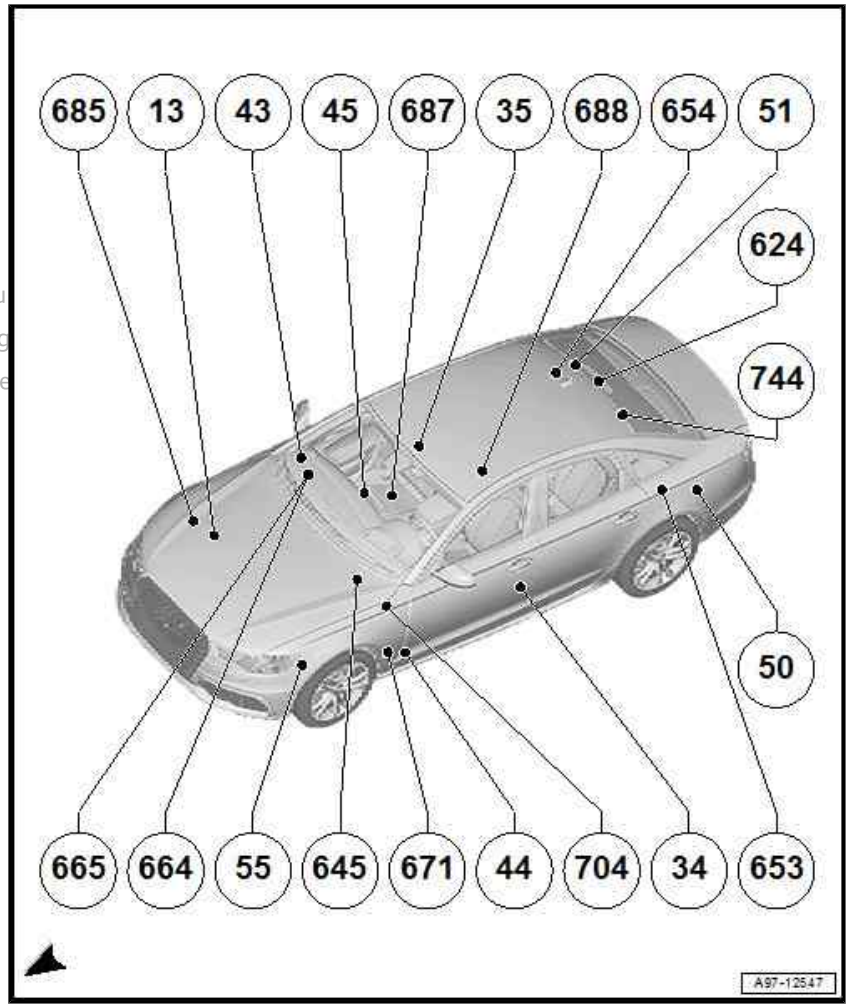
744 - Earth point in spare wheel well
- ❑ Fitting location ⇒ page 5

50 - Earth point, on left in luggage compartment
- ❑ Fitting location ⇒ page 6

653 - Earth point, on left D-pillar
- ❑ Fitting location ⇒ page 6

34 - Earth point, under driver seat
- ❑ Fitting location ⇒ page 6

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704 - Earth point 2 under driver seat

- ❑ Fitting location ⇒ page 7

44 - Earth point, lower part of left A-pillar

- ❑ Fitting location ⇒ page 7

671 - Earth point 1, on front of left longitudinal member

- ❑ Fitting location ⇒ page 7

645 - Earth point 1, on bulkhead

- ❑ Fitting location ⇒ page 8

55 - Earth point, next to ABS control unit

- ❑ Fitting location ⇒ page 8

664 - Earth point behind dash panel on left

- ❑ Fitting location ⇒ page 9

665 - Earth point behind dash panel on right

- ❑ Fitting location ⇒ page 8

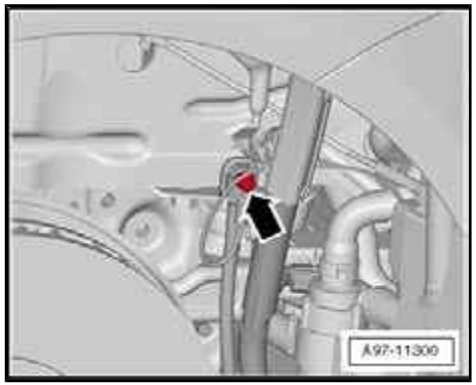
685 - Earth point 1, on front right longitudinal member -Arrow-

Fitting location

on front of right outer longitudinal member.

Tightening torque

20 Nm



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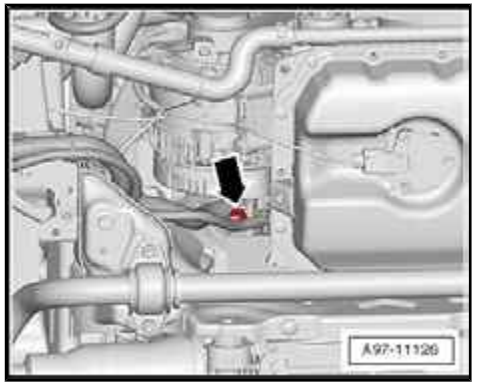
13 - Earth point, on right in engine compartment -Arrow-

Fitting location

In right of engine compartment, near alternator.

Tightening torque

9 Nm



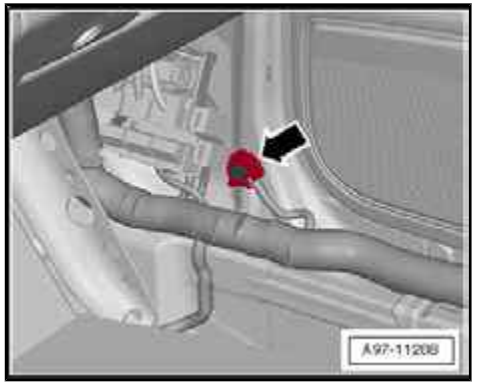
43 - Earth point, on lower part of right A-pillar -Arrow-

Fitting location

on right A-pillar, bottom.

Tightening torque

9 Nm



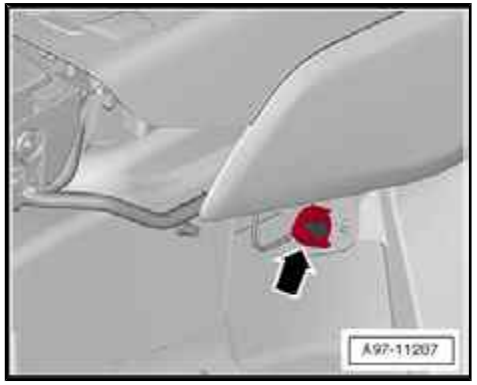
687 - Earth point 1, on centre tunnel -Arrow-

Fitting location

On front right of centre tunnel.

Tightening torque

9 Nm



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35 - Earth point, under front passenger seat -Arrow-

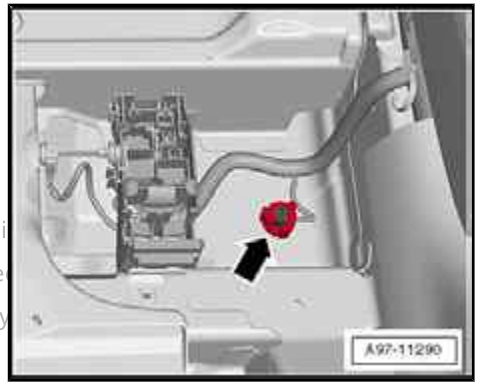
Fitting location

Under front passenger seat, near front passenger seat coupling point.

Tightening torque

9 Nm

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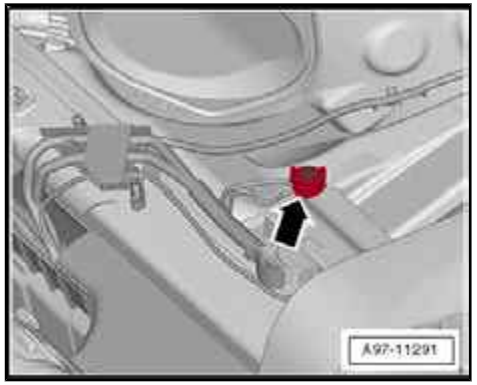
688 - Earth point 2, on centre tunnel -Arrow-

Fitting location

Under rear seat, near data bus diagnostic interface -J533- .

Tightening torque

9 Nm



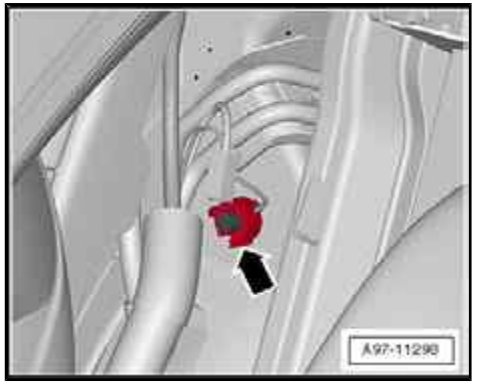
654 - Earth point, on right D-pillar -Arrow-

Fitting location

behind rear right backrest.

Tightening torque

9 Nm



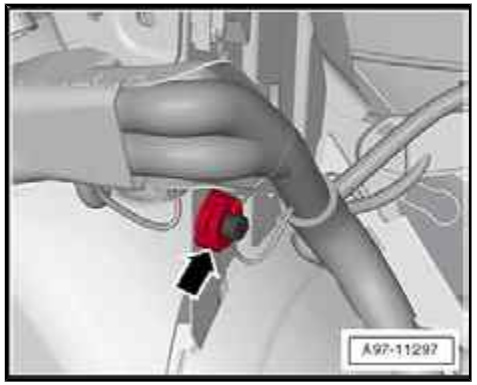
51 - Earth point, on right in luggage compartment -Arrow-

Fitting location

On right in luggage compartment, near relay and fuse carrier.

Tightening torque

9 Nm



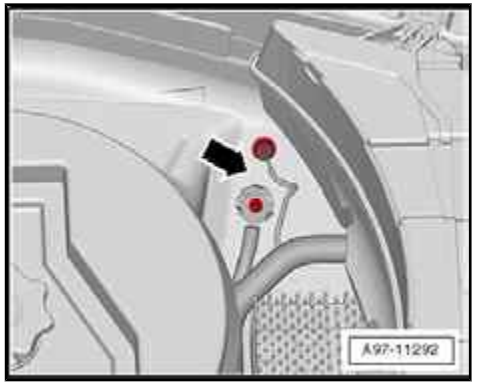
744 - Earth point, in spare wheel well -Arrow-

Fitting location

at front right of spare wheel well.

Tightening torque

9 Nm



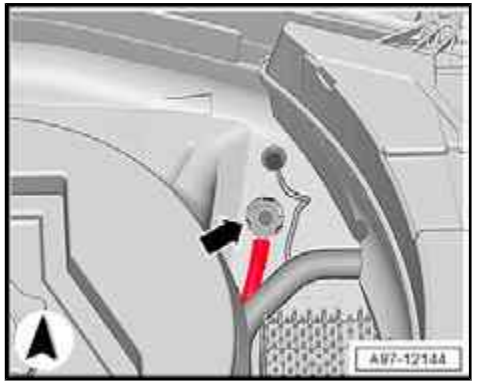
624 - Earth point, next to starter battery -Arrow-

Fitting location

In front right of spare wheel well

Tightening torque

9 Nm



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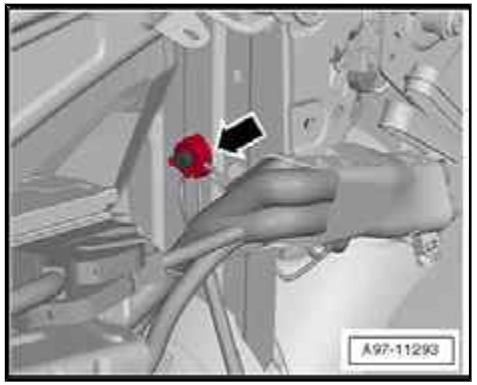
50 - Earth point, on left in luggage compartment -Arrow-

Fitting location

On left in luggage compartment, near infotainment rack.

Tightening torque

9 Nm



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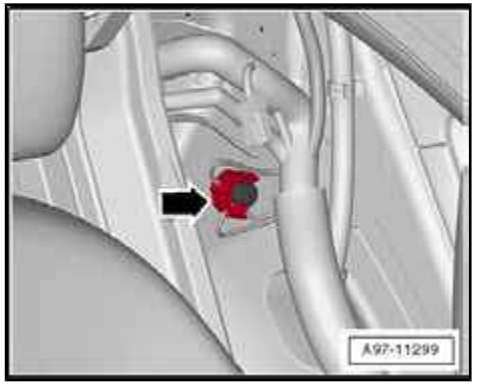
653 - Earth point, on left D-pillar -Arrow-

Fitting location

behind rear left backrest.

Tightening torque

9 Nm



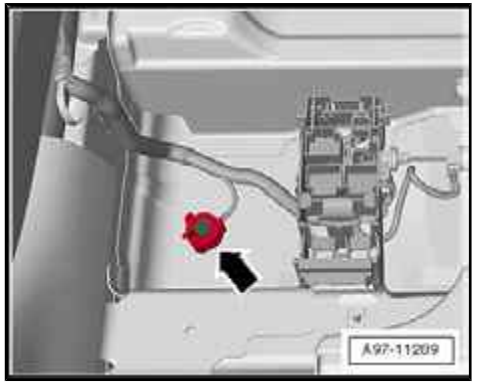
34 - Earth point, under driver seat -Arrow-

Fitting location

under driver seat, near driver seat coupling point.

Tightening torque

9 Nm



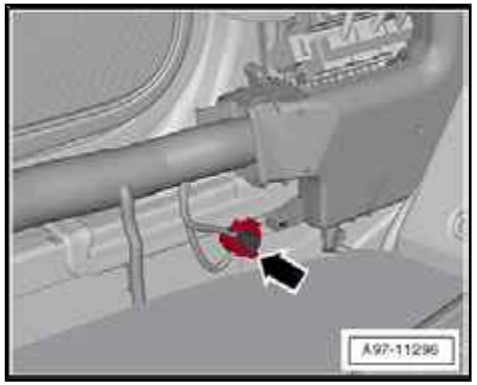
44 - Earth point, on lower part of left A-pillar -Arrow-

Fitting location

On lower part of left A-pillar.

Tightening torque

9 Nm



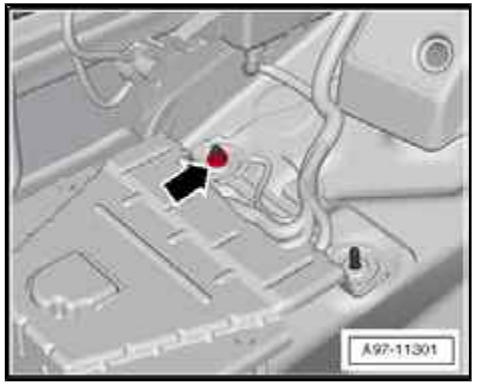
704 - Earth point 2, under driver seat -Arrow-

Fitting location

at front under driver seat.

Tightening torque

9 Nm



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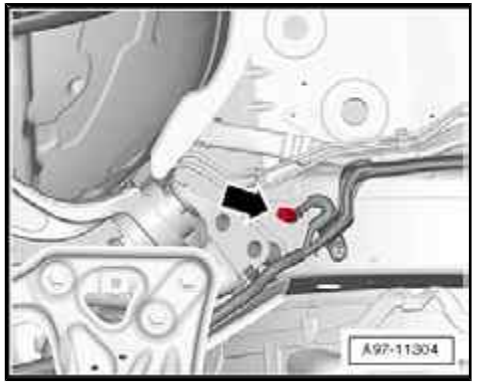
671 - Earth point 1, on front left longitudinal member -Arrow-

Fitting location

at bottom on front of left longitudinal member

Tightening torque

9 Nm



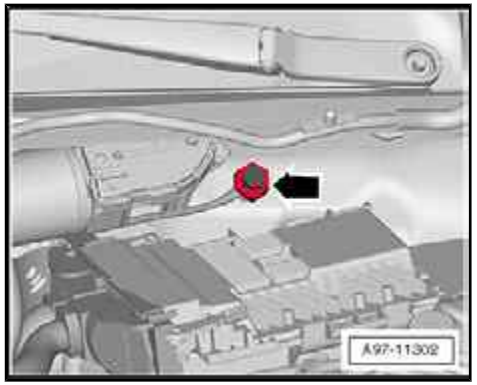
645 - Earth point 1, on bulkhead -Arrow-

Fitting location

On bulkhead, near engine control unit -J623- .

Tightening torque

9 Nm



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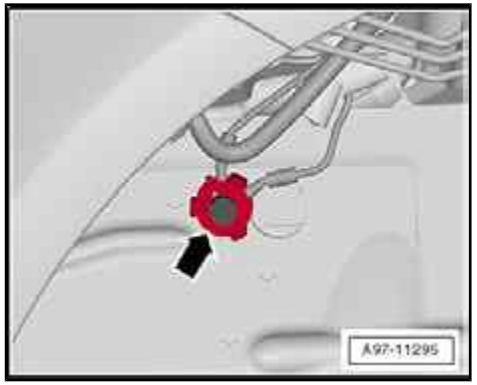
55 - Earth point, next to ABS control unit -Arrow-

Fitting location

On left longitudinal member, near ABS control unit -J104- .

Tightening torque

9 Nm



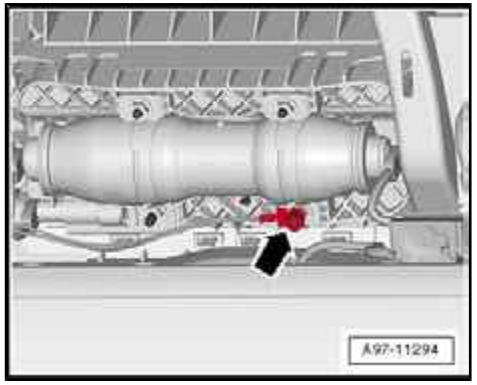
665 - Earth point, on right behind dash panel -Arrow-

Fitting location

Behind glove compartment, near front passenger airbag.

Tightening torque

9 Nm



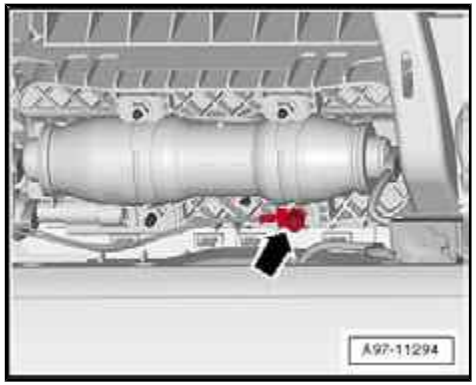
664 - Earth point, on left behind dash panel -Arrow-

Fitting location

Behind glove compartment, near front passenger airbag.

Tightening torque

9 Nm



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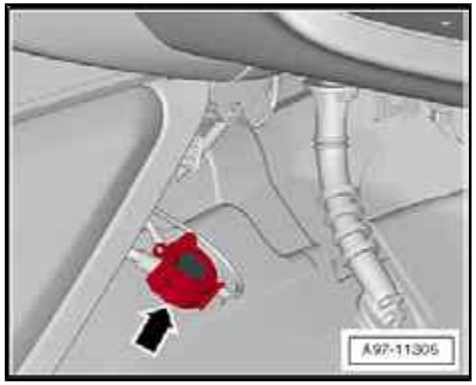
45 - Earth point, at centre behind dash panel -Arrow-

Fitting location

Behind dash panel, bottom centre.

Tightening torque

9 Nm



1 Relays

1.1 Overview of relay carriers

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1 -
Relay and fuse carrier on right in luggage compartment

- Components: -J9- , -J403- , -J681- , -J807- , -J963- , -J937- , -J17- , -J1141- , -J1156-
- Fitting location ⇒ page 2
- Assignment up to model year 2014 ⇒ page 2
- Assignment from model year 2015 ⇒ page 3

2 -
Relay carrier on relay carrier behind dash panel on left

- Components: -J359- , -J360- , -S276- , -S277- , -J604-
- Fitting location and assignment, left-hand drive ⇒ page 4
- Fitting location and assignment, right-hand drive ⇒ page 5

3 -
Relay carrier behind dash panel on left

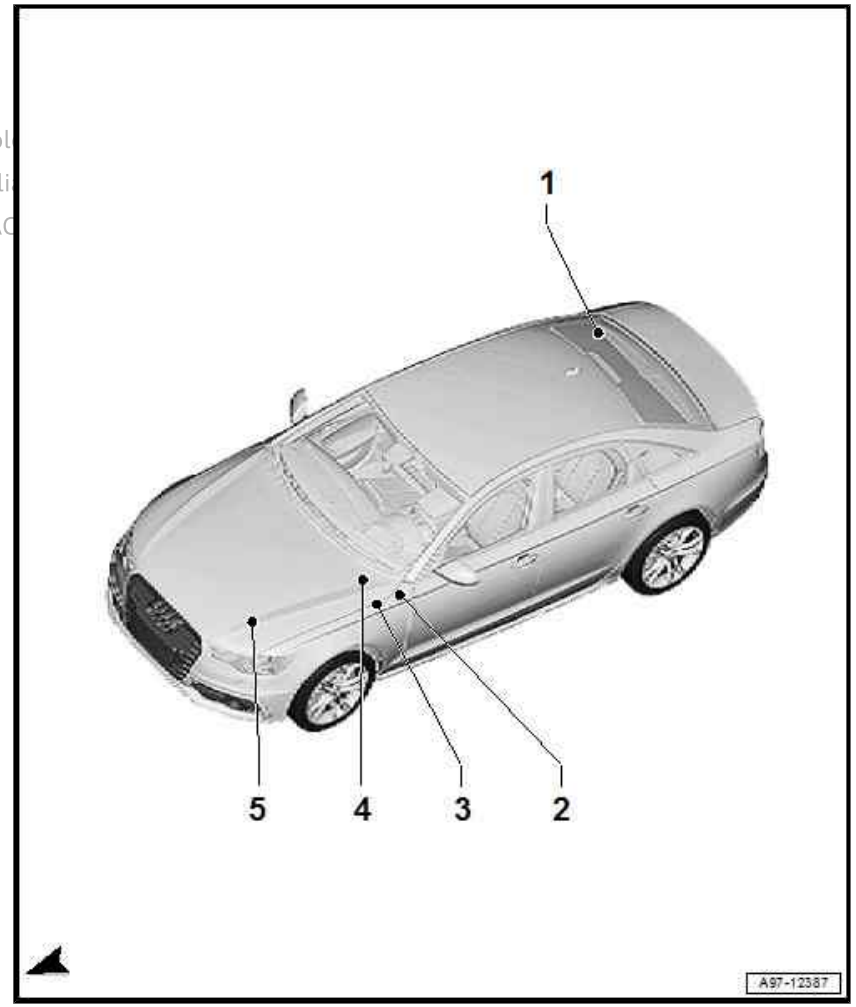
- Components: -J329- , -J413- , -J910- , -S123- , -J318-
- Fitting location left-hand drive models ⇒ page 6
- Assignment for left-hand drive, up to model year 2014 ⇒ page 6
- Assignment for left-hand drive, from model year 2015 ⇒ page 7
- Fitting location right-hand drive models ⇒ page 8
- Assignment for right-hand drive, up to model year 2014 ⇒ page 8
- Assignment for right-hand drive, from model year 2015 ⇒ page 9

4 -
Relay carrier in electronics box in plenum chamber

- Components: -J53- , -J179- , -J271- , -J299- , -J317- , -J496- , -J695- , -J757- , -S125- , -S130- , -S210- , -J510- , -S113-
- Fitting location and assignment, LHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 10
- Fitting location and assignment, RHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF ⇒ page 11

5 - Relay carrier in electronics box, engine compartment

- Only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF
- Components: -J53- , -J179- , -J317- , -J695-



❑ Fitting location and assignment ⇒ page 12

1.2 Fitting location of relay and fuse carrier, on right in luggage compartment

Fitting location

In luggage compartment, rear right.

Assignment up to model year 2014

A - 46-pin connector -T46b- , CAN disconnector, black

1 - not assigned

2 - Heated rear window relay -J9-

3 - Relay for power sockets -J807-

4 - Terminal 15 voltage supply relay 2 -J681-

5 - Adaptive suspension compressor relay -J403-

6 - Relay for reducing agent metering system -J963-

❑ Models with reducing agent metering system only

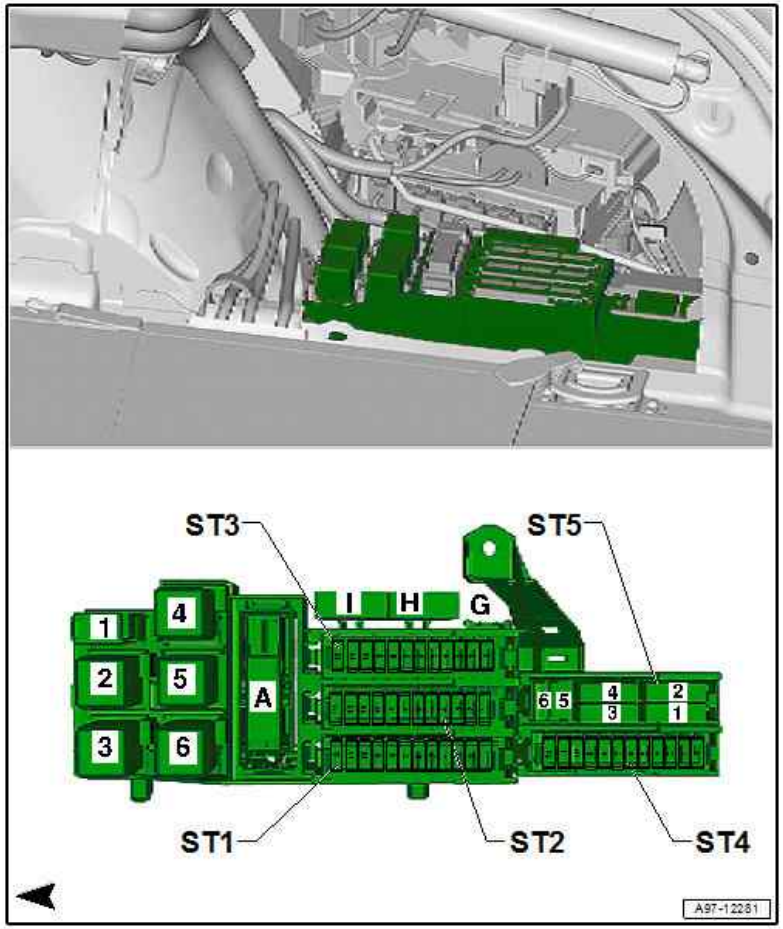
6 - Fan enabling relay -J937-

❑ Models with high-voltage system only

6 - Fuel pump relay -J17-

❑ Engine codes CRDA, CRDB, CWUA, CWUB only

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Assignment from model year 2015

A - 46-pin connector -T46b- , CAN disconnector, black

2 - Heated rear window relay -J9-

3 - Relay for power sockets -J807-

4 - Terminal 15 voltage supply relay 2 -J681-

5 - Adaptive suspension compressor relay -J403-

- ❑ Models without high-voltage system only

5 - Vacuum pump relay -J318-

- ❑ Models with high-voltage system only
- ❑ From calendar week 05/2018
- ❑ Fitting location up to calendar week 04/2018 ⇒ Item 3 (page 7)

6 - Relay for reducing agent metering system -J963-

- ❑ Models with reducing agent metering system only

6 - Fuel pump relay -J17-

- ❑ engine codes CRDA, CRDB, CWUA, CWUB, CWUC only

6 - Fan enabling relay -J937-

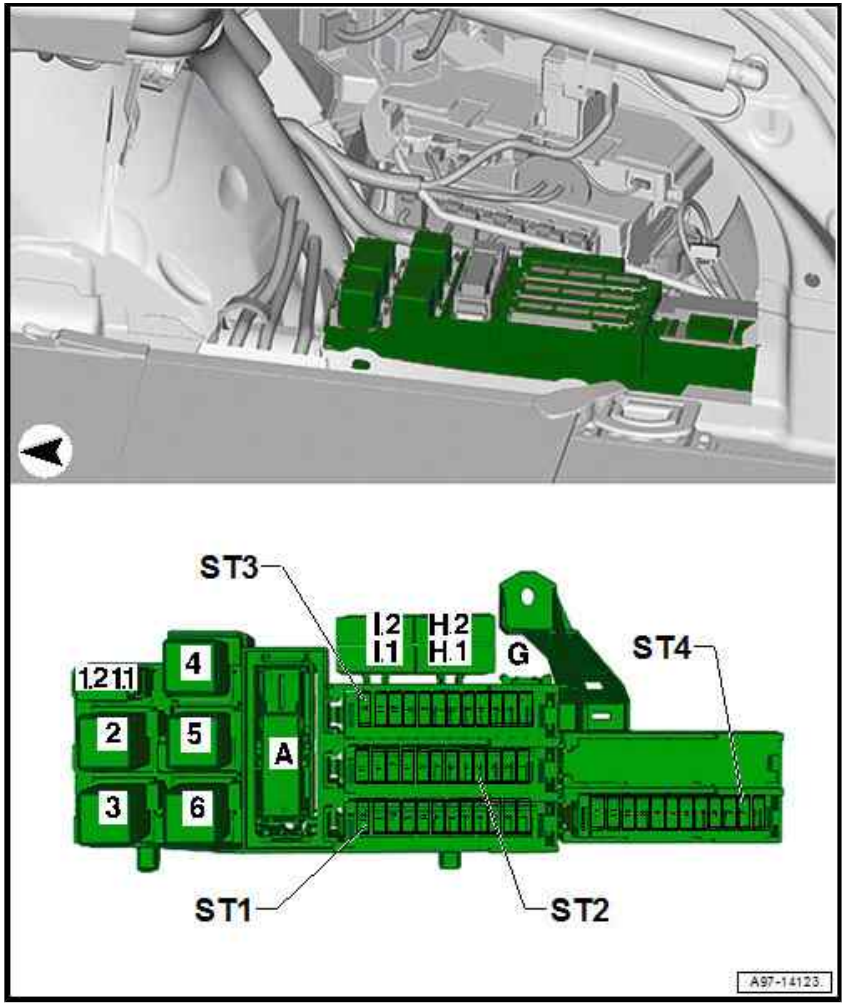
- ❑ Models with high-voltage system only, up to calendar week 46/2016

6.1 - High-voltage battery coolant pump relay -J1156-

- ❑ Models with high-voltage system only, from calendar week 47/2016

6.2 - Thermal management coolant pump relay -J1141-

- ❑ Models with high-voltage system only, from calendar week 47/2016



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1.3 Fitting location of relay carrier on relay carrier behind left of dash panel, left-hand drive models

Fitting location

On relay and fuse carrier behind dash panel on left.

Assignment

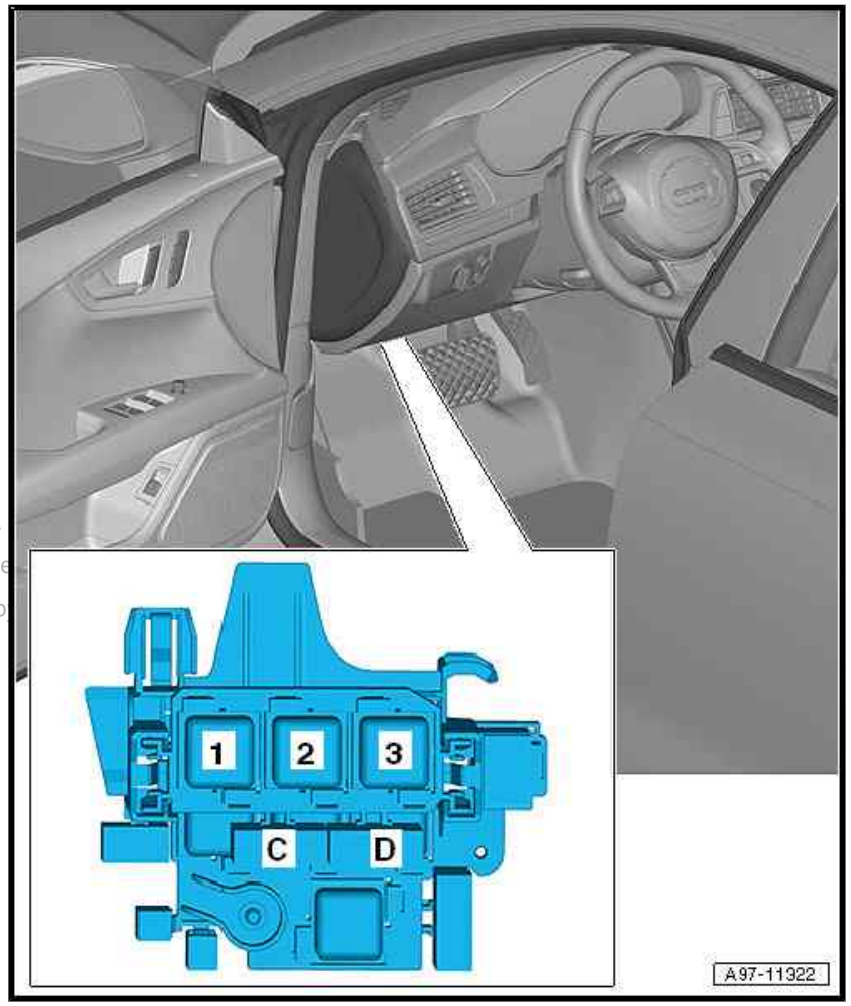
1 - Low heat output relay -J359-

2 - High heat output relay -J360-

3 - Auxiliary air heater control unit -J604-

- ❑ Models with high-voltage system only

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1.4 Fitting location of relay carrier on relay carrier behind right of dash panel, right-hand drive models

Fitting location

On relay and fuse carrier behind dash panel on right.

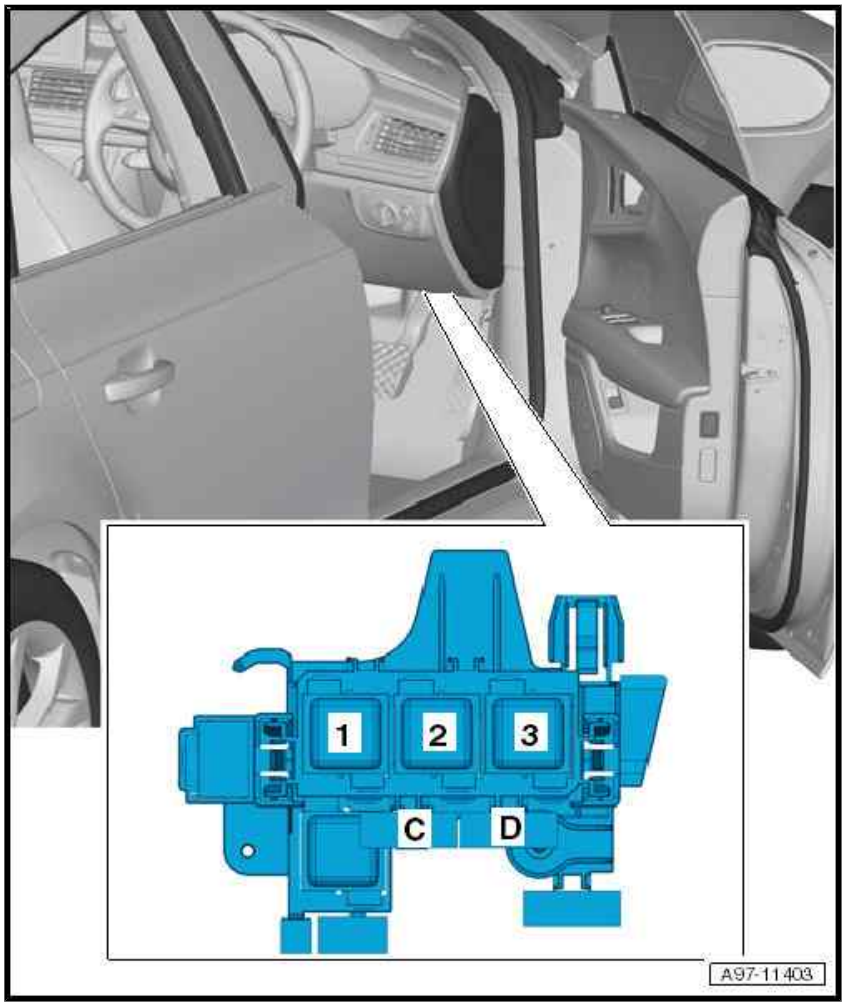
Assignment

1 - Low heat output relay -J359-

2 - High heat output relay -J360-

3 - Auxiliary air heater control unit -J604-

- ❑ Models with high-voltage system only



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1.5 Fitting location of relay carrier behind left of dash panel, left-hand drive

Fitting location

Behind dash panel on left.

Assignment up to model year 2014

A - Fuse holder D -SD-

C - not assigned

D - 2-pin connector -T2bi- , green

E - 2-pin connector -T2bh- , black

1 - Horn relay -J413-

1 - Relay for automatic anti-dazzle interior mirror -J910-

2 - Terminal 15 voltage supply relay -J329-

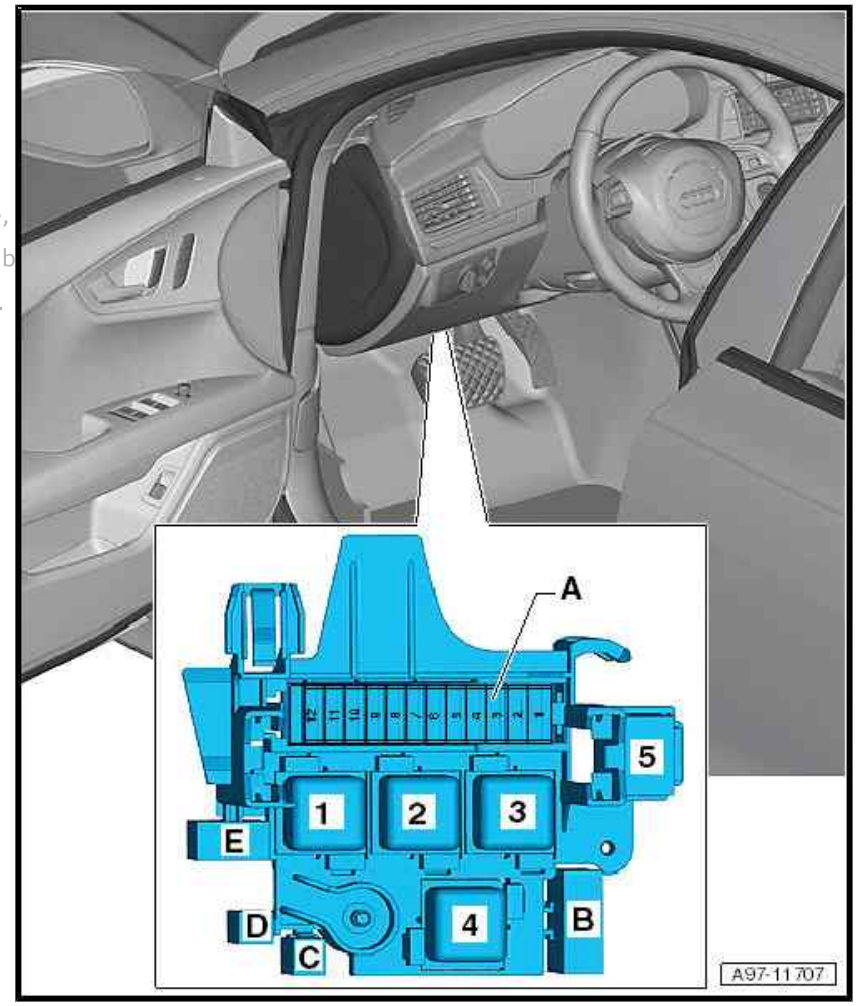
3 - Vacuum pump relay -J318-

- ❑ Models with high-voltage system only

4 - not assigned

5 - 6-pin connector -T6p- , black, clutch Control unit for electronic steering column lock -J764-

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Assignment from model year 2015

A - Fuse holder D -SD-

C - not assigned

D - 2-pin connector -T2bi- , green

E - 2-pin connector -T2bh- , black

1 - Horn relay -J413-

1 - Relay for automatic anti-dazzle interior mirror -J910-

2 - Terminal 15 voltage supply relay -J329-

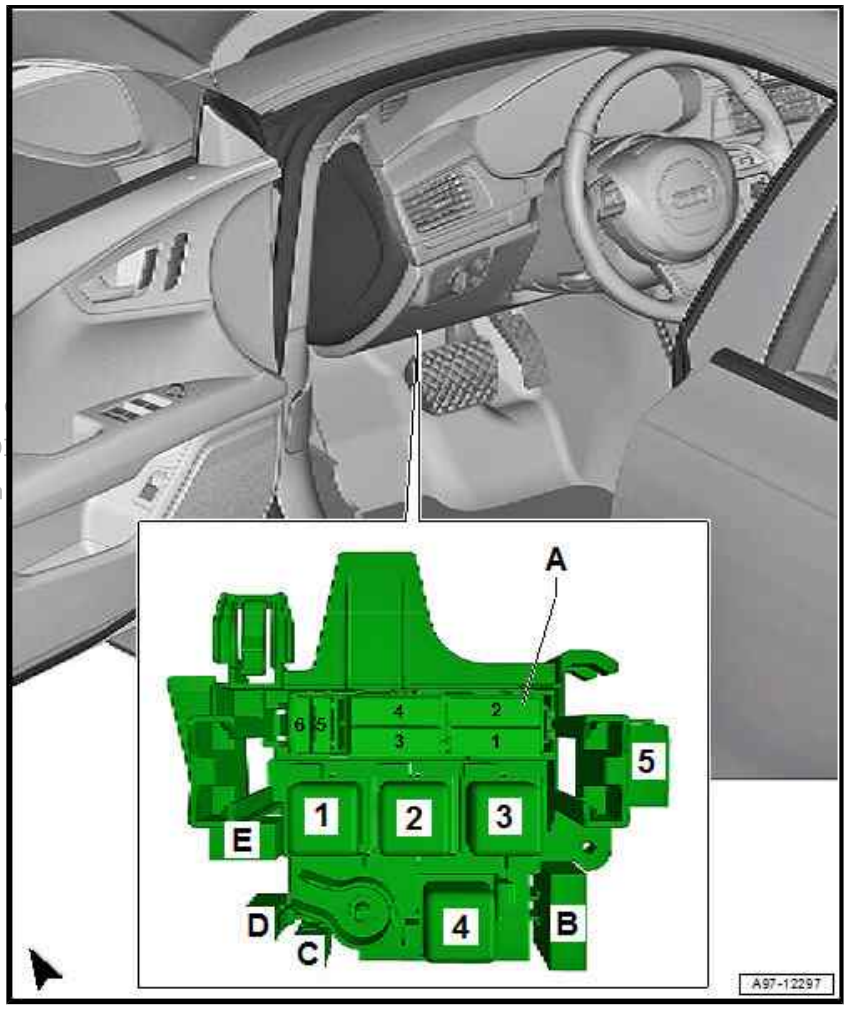
3 - Vacuum pump relay -J318-

- ❑ Models with high-voltage system only
- ❑ Up to calendar week 04/2018
- ❑ Fitting location from calendar week 05/2018 ⇒ Item 5 (page 3)

4 - not assigned

5 - 6-pin connector -T6p- , black, clutch Control unit for electronic steering column lock -J764-

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1.6 Fitting location of relay carrier behind right of dash panel, right-hand drive models

Fitting location

Behind dash panel, right.

Assignment up to model year 2014

A - not assigned

B - not assigned

C - not assigned

D - 2-pin connector -T2bi- , green

1 - Horn relay -J413-

1 - Relay for automatic anti-dazzle interior mirror -J910-

2 - Terminal 15 voltage supply relay -J329-

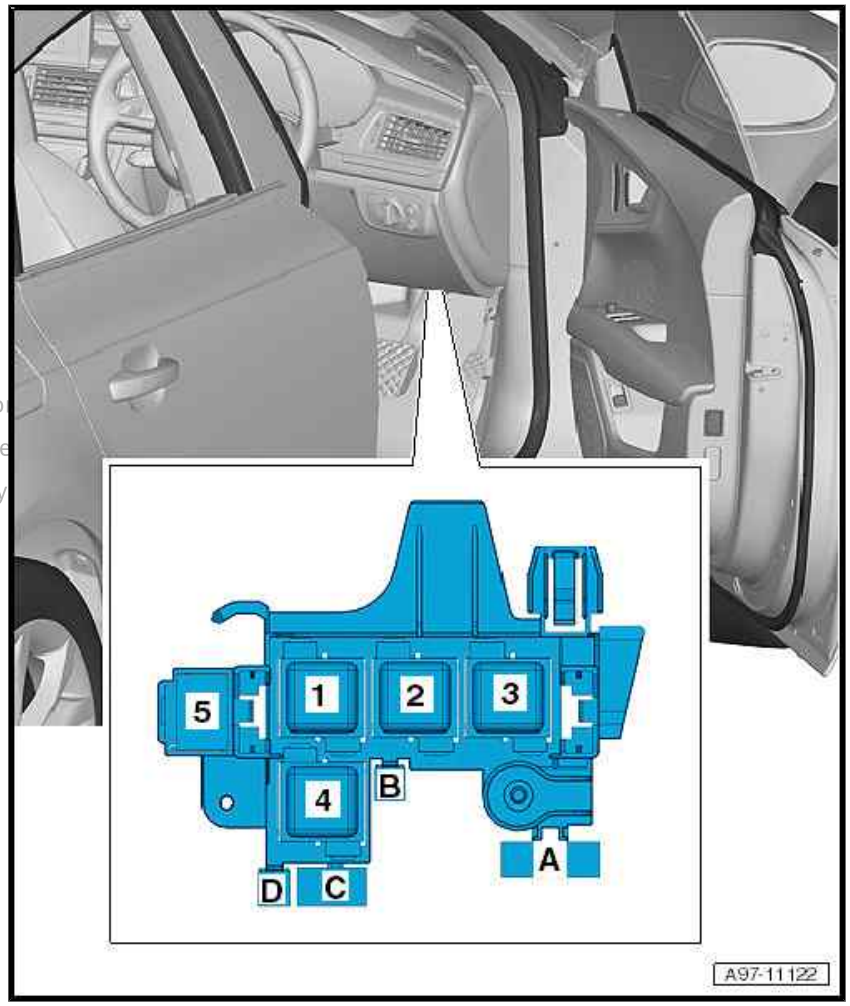
3 - Vacuum pump relay -J318-

❑ Models with high-voltage system only

4 - not assigned

5 - 6-pin connector -T6p- , black, clutch Control unit for electronic steering column lock -J764-

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Assignment from model year 2015

B - not assigned

C - not assigned

D - 2-pin connector -T2bi- , green

1 - Horn relay -J413-

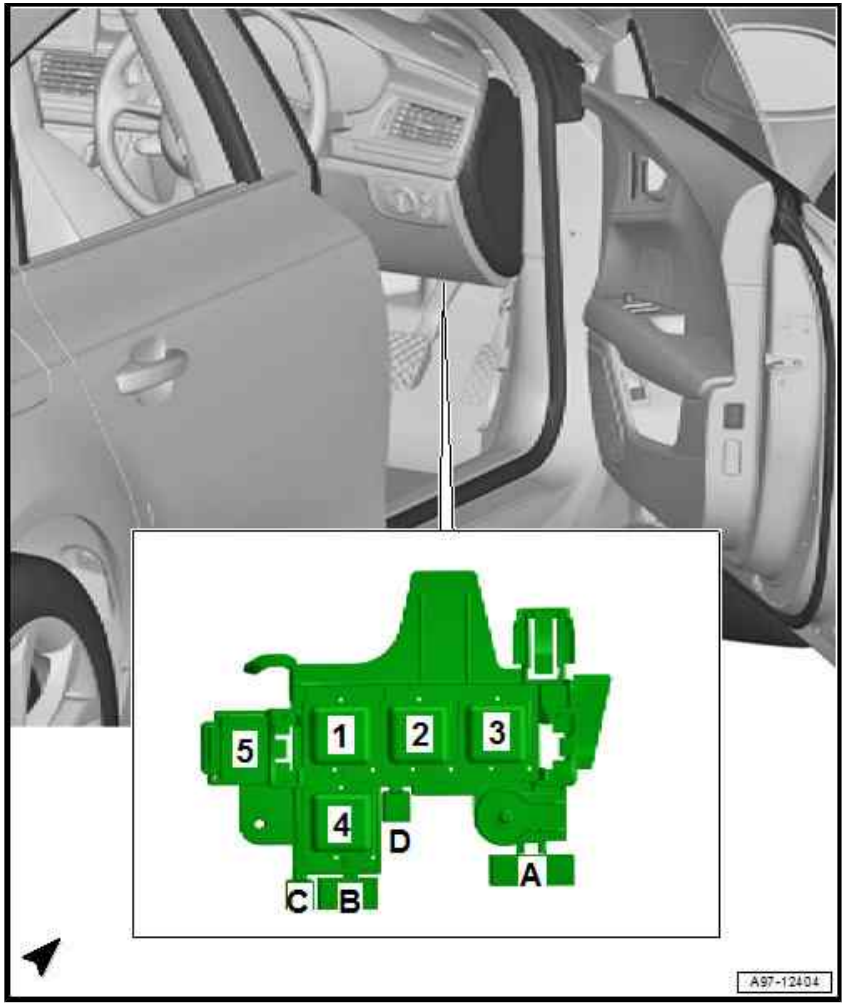
1 - Relay for automatic anti-dazzle interior mirror -J910-

2 - Terminal 15 voltage supply relay -J329-

3 - not assigned

4 - not assigned

5 - 6-pin connector -T6p- , black, clutch Control unit for electronic steering column lock -J764-



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1.7 Relay carrier fitting location in electronics box in plenum chamber, LHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

Fitting location

In electronics box on left in plenum chamber.

Assignment

A - Fuse holder A -SA-

E - Terminal 30

1 - Secondary air pump relay -J299- , petrol engine

2.1 - Starter motor relay -J53-

2.2 - Starter motor relay 2 -J695-

3 - Engine components current supply relay -J757- , petrol engine

3 - Automatic glow period control unit -J179- , diesel engine

4 - Main relay -J271- , petrol engine

4 - Terminal 30 voltage supply relay -J317- , diesel engine

5 - Additional coolant pump relay -J496- , petrol engine

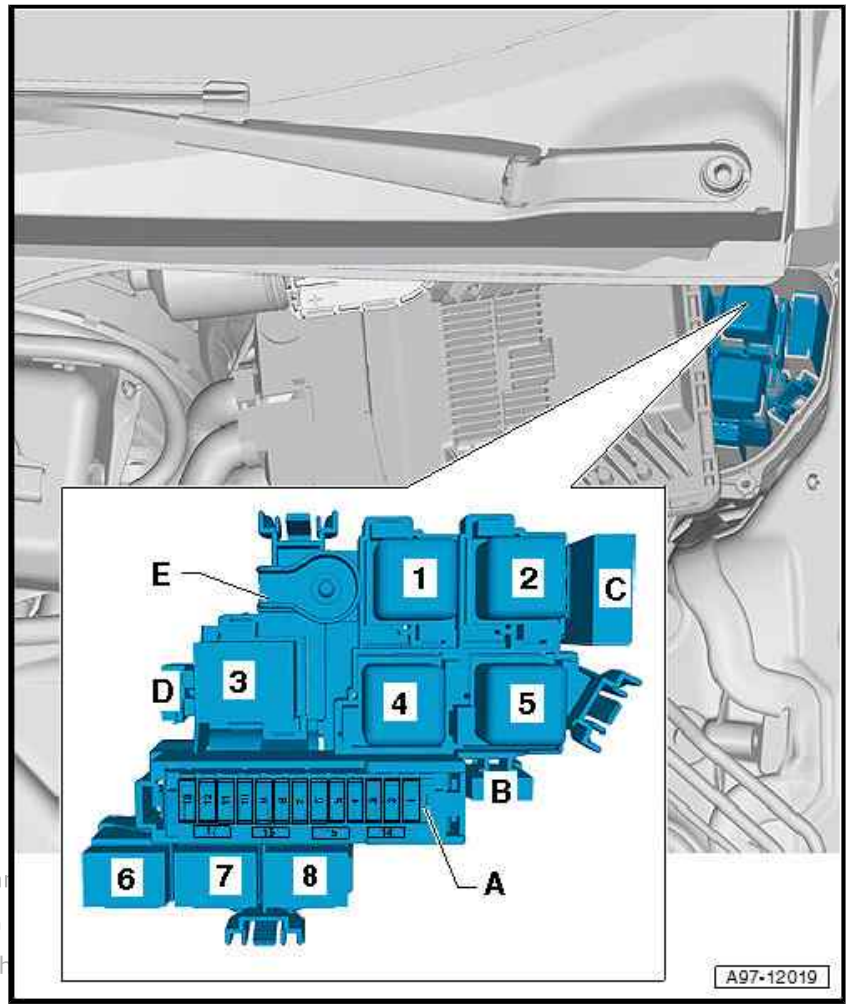
5 - Gearbox hydraulic pump relay -J510-

- ❑ Models with high-voltage system only

6 - not assigned

7 - 17-pin connector -T17b- , red

8 - 17-pin connector -T17a- , white



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1.8 Relay carrier fitting location in electronics box in plenum chamber, RHD models, except diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

Fitting location

In electronics box on right in plenum chamber.

A - Fuse holder A -SA-

E - Terminal 30

1 - Secondary air pump relay -J299- , petrol engine

2.1 - Starter motor relay -J53-

2.2 - Starter motor relay 2 -J695-

3 - Engine components current supply relay -J757- , petrol engine

3 - Automatic glow period control unit -J179- , diesel engine

4 - Main relay -J271- petrol engine

4 - Terminal 30 voltage supply relay -J317- , diesel engine

5 - Additional coolant pump relay -J496- , petrol engine

5 - Gearbox hydraulic pump relay -J510-

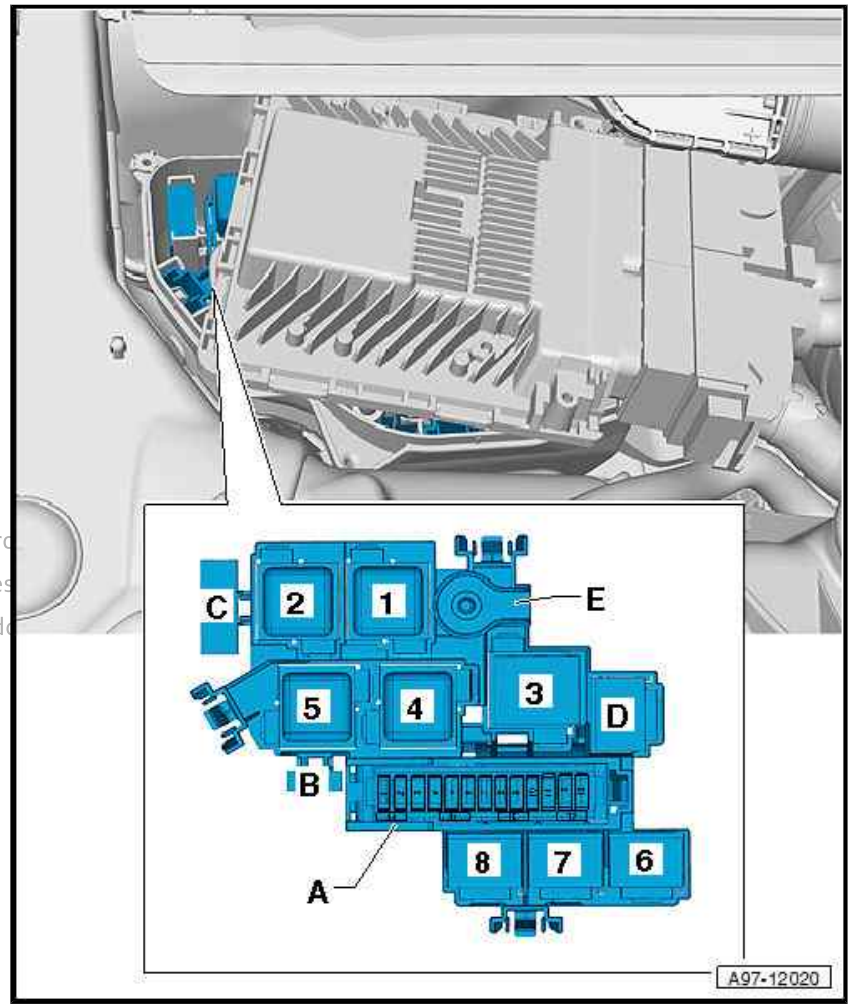
- ❑ Models with high-voltage system only

6 - not assigned

7 - 17-pin connector -T17b- , red

8 - 17-pin connector -T17a- , white

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1.9 Relay carrier fitting location in electronics box in engine compartment, only diesel with MKB CRTD/CRTE/CRTF/CZVA/CZVB/CZVC/CZVD/CZVF

Fitting location

In electronics box, at front left in engine compartment.

Assignment

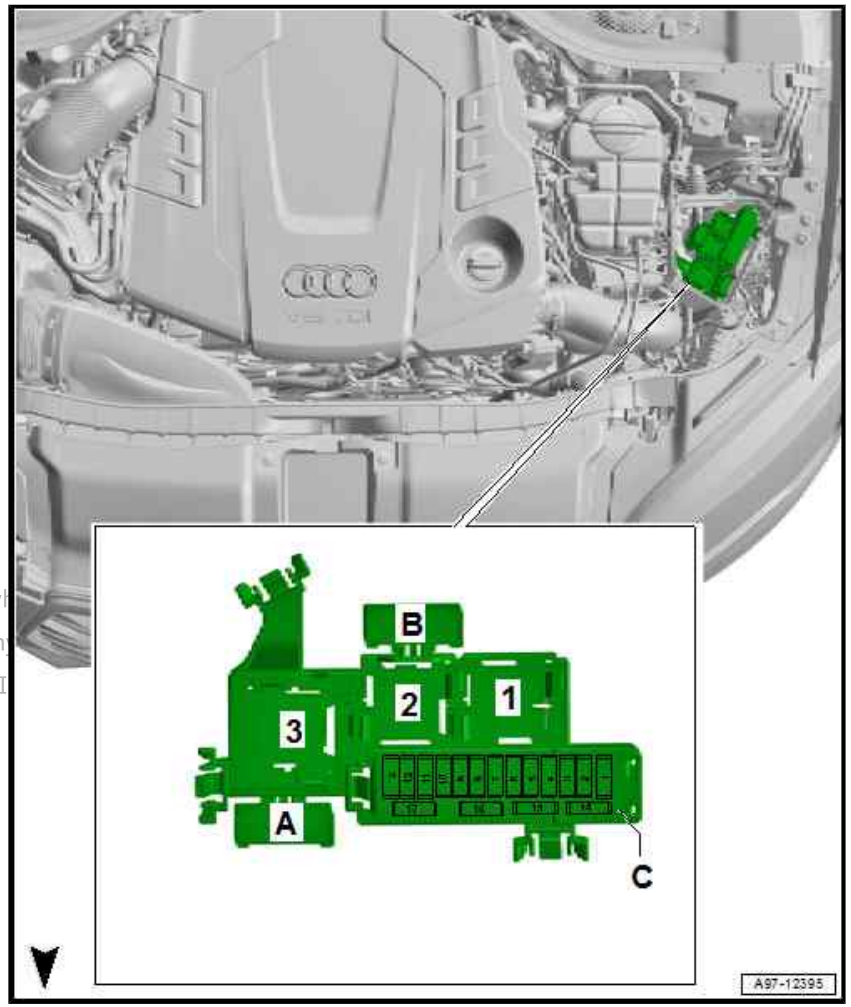
C - Fuse holder A -SA-

1.1 - Starter motor relay -J53-

1.2 - Starter motor relay 2 -J695-

2 - Terminal 30 voltage supply relay -J317-

3 - Automatic glow period control unit -J179-



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1 Control units in front part of vehicle

1.1 Overview of control units

1 - Control unit for structure-borne sound -J869-

- ❑ Fitting location and connectors ⇒ page 43

2 - Fresh air blower control unit -J126-

- ❑ Components: -V2-
- ❑ Fitting location and connectors ⇒ page 61

- Emergency call module control unit and communication unit -J949-

- ❑ Fitting location and connectors ⇒ page 79

3 - Control unit in dash panel insert -J285-

- ❑ Components: -G1- , -Y24- , -K1- , -K47- , -K261- , -K75- , -K104- , -K149- , -K262-
- ❑ Fitting location and connectors ⇒ page 47

4 - Image processing control unit -J851-

- ❑ Fitting location and connectors, left-hand drive ⇒ page 7
- ❑ Fitting location and connectors, right-hand drive ⇒ page 8

5 - Climatronic control unit -J255-

- ❑ Components: -E94- , -E95-
- ❑ Fitting location and connectors ⇒ page 39

- Tyre pressure monitor control unit -J502-

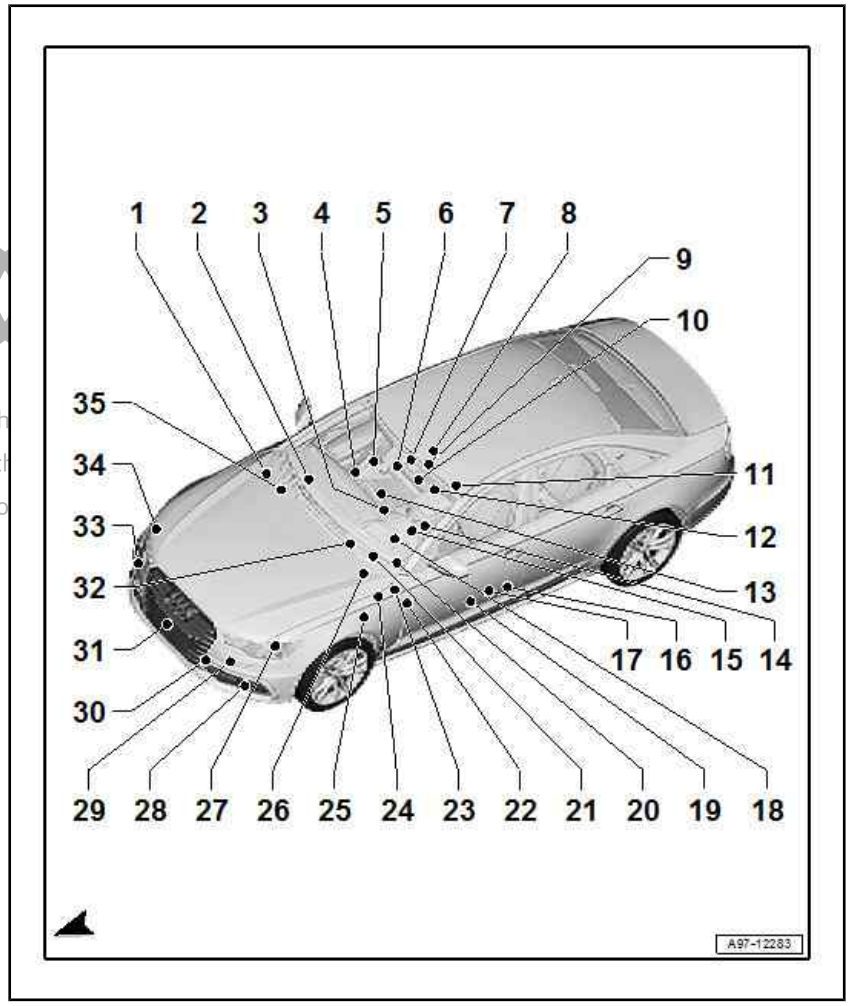
- ❑ for RS models only
- ❑ Fitting location and connectors ⇒ page 77

6 - Camera control unit -J852-

- ❑ Fitting location and connectors ⇒ page 36

7 - Sliding sunroof adjustment control unit -J245-

- ❑ Components: -V1-
- ❑ Fitting location and connectors ⇒ page 31



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8 -
Roof electronics control unit -J528-

- Components: -E633- , -E634- , -E635- , -W1- , -W65- , -W66- , -E326-
- Fitting location and connectors ⇒ page 32

9 -
Automatic anti-dazzle interior mirror -Y7-

- Components: -Y7- , -J852- , -J844- , -G355- , -G399-
- Fitting location ⇒ page 45

10 - Rain and light sensor -G397-

- Fitting location ⇒ page 45

11 - Airbag control unit -J234-

- Fitting location and connectors ⇒ page 9

12 - Sliding sunroof adjustment control unit -J245- , panorama sunroof

- Components: -V-
- Fitting location and connectors ⇒ page 59

13 - Control unit for sensor electronics -J849-

- Fitting location and connectors ⇒ page 10

- Control unit 1 for information electronics -J794- , MMI Navigation plus, 7T6, up to model year 2014

- Fitting location and connectors ⇒ page 67

- Control unit 1 for information electronics -J794- , MMI Navigation plus, 7UG, from model year 2015

- Fitting location and connectors ⇒ page 70

14 -
Steering column electronics control unit -J527-

- Components: -E2- , -E5- , -E22- , -E45- , -F350- , -G85- , -E517- , -F138-
- Fitting location and connectors ⇒ page 34

15 -
Active steering motor -V477- / Active steering safety lock actuator -F437-

- Fitting location and connectors ⇒ page 63

16 -
Control unit for front left belt tensioner -J854- / control unit for front right belt tensioner -J855-

- Components: -N153- , -N154- , -G551- , -G552-
- Fitting location and connectors ⇒ page 33

- Seat and steering column adjustment control unit with memory -J136-

- Fitting location and connectors ⇒ page 72

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- Seat occupied recognition control unit -J706-
  - ❑ Fitting location and connectors ⇒ page 75

17 - Control unit for night vision system -J853-
  - ❑ Fitting location and connectors ⇒ page 11

18 - Control unit for electrically adjustable steering column -J866-
  - ❑ Fitting location and connectors ⇒ page 48

19 - Active steering control unit -J792-
  - ❑ Fitting location and connectors, left-hand drive ⇒ page 12
  - ❑ Fitting location and connectors, right-hand drive ⇒ page 13

20 - Control unit for electronic steering column lock -J764-
  - ❑ Fitting location and connectors ⇒ page 58

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21 - Control unit for heads-up display -J898-
  - ❑ Fitting location and connectors ⇒ page 26

22 - 16-pin connector -T16- , diagnostic connector
  - ❑ Fitting location and connectors, left-hand drive ⇒ page 14
  - ❑ Fitting location and connectors, right-hand drive ⇒ page 15
  - ❑

23 -
Headlight range control unit -J431-
  - ❑ Control unit for cornering light and headlight range control -J745- for models with cornering light
  - ❑ Fitting location and connectors, left-hand drive ⇒ page 16
  - ❑ Fitting location and connectors, right-hand drive ⇒ page 18

24 - Onboard supply control unit -J519-
  - ❑ Fitting location and connectors, left-hand drive ⇒ page 19
  - ❑ Fitting location and connectors, right-hand drive ⇒ page 20

25 -
ABS control unit -J104-
  - ❑ with Tyre Pressure Monitoring System control unit 2 -J793-
  - ❑ Fitting location and connectors ⇒ page 27

26 - Engine control unit -J623-
  - ❑ Fitting location and connectors, 154-pin, left-hand drive ⇒ page 21
  - ❑ Fitting location and connectors, 154-pin, right-hand drive ⇒ page 22
  - ❑ Fitting location and connectors, 196-pin ⇒ page 22
  - ❑ Fitting location and connectors, 315-pin ⇒ page 23

27 -
Front headlights -MX1- / -MX2-

- Components for gas discharge headlights, up to model year 2014: gas discharge bulb control unit -J343- / -J344- , output module for headlights -J667- / -J668- , control unit for daytime running light and side light -J860- / -J861- , 14-pin connector -T14c- / -T14d-
- Components for gas discharge headlights, from model year 2015: control unit for daytime running light and side light -J860- / -J861- , 14-pin connector -T14c- / -T14d-
- Components for LED headlights, up to model year 2014: output module 1 for LED headlights -A27- / -A31- , output module 2 for LED headlights -A28- / -A32- , output module 3 for LED headlights -A29- / -A33- , output module 4 for LED headlights -A30- / -A34- , 16-pin connector -T16b- / -T16k-
- Components for LED headlights, from model year 2015: output module 1 for LED headlights -A27- / -A31- , output module 2 for LED headlights -A28- / -A32- , output module for matrix headlights -A44- / -A45- , 14-pin connector -T14c- / -T14d- , 4-pin connector -T4gf- / -T4gg-
- Fitting location of gas discharge headlights, up to model year 2014 ⇒ page 51
- Fitting location and connector assignment for gas discharge headlights, from model year 2015 ⇒ page 53
- Fitting location for LED headlights, up to model year 2014 ⇒ page 54
- Fitting location and connector assignment for LED headlights, from model year 2015 ⇒ page 56

28 - Control unit 2 for adaptive cruise control -J850-

- Fitting location and connectors ⇒ page 30

29 -
Power steering control unit -J500-

- Components: -V187- , -G269-
- Fitting location and connectors ⇒ page 37

30 - Garage door operation control unit -J530-

- Fitting location and connectors ⇒ page 25

31 -
Radiator fan control unit -J293- Radiator fan control unit 2 -J671-

- Components: -V7- , -V177-
- Fitting location and connectors ⇒ page 49

32 -
Wiper motor control unit -J400-

- Components: -V-
- Fitting location and connectors ⇒ page 42

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33 - Adaptive cruise control unit -J428-

- Fitting location and connectors ⇒ page 29

34 -
Auxiliary heater control unit -J364-

- Components: -G587- , -G64- , -G18- , -Q9- , -V6- , -Z66-
- Fitting location and connectors ⇒ page 38

- **Power unit mounting control unit -J931-**
  - ❑ Fitting location and connectors ⇒ page 41

35 - Catalytic converter heater control unit 1 -J1021-

- ❑ Fitting location and connectors ⇒ page 65

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1.2 Overview of additional control units and components in front part of vehicle for models with high-voltage system, from calendar week 47/2016

1 - Thermal management control unit -J1024-

- ❑ Fitting location and connectors ⇒ page 84

2 - High voltage heater (PTC) control unit -J848-

- ❑ Components: -Z115-
- ❑ Fitting location and connectors ⇒ page 81

3 - Power and control electronics for electric drive -JX1-

- ❑ Components: -A19- , -A37- , -J841-
- ❑ Fitting location and connectors ⇒ page 88

4 - Maintenance connector for high-voltage system -TW-

- ❑ Fitting location and connectors ⇒ page 86

5 - Control unit for air conditioner compressor -J842-

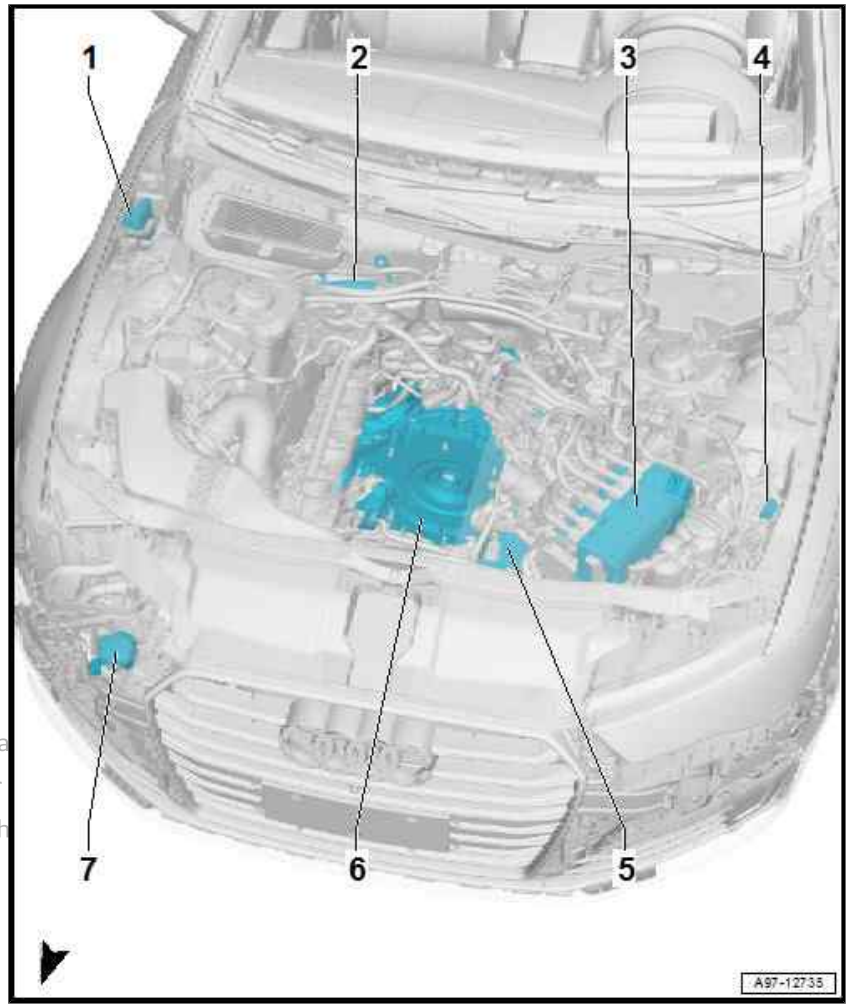
- ❑ Components: -V470-
- ❑ Fitting location and connectors ⇒ page 89

6 - Three-phase current drive -VX54-

- ❑ Components: -V141- , -G712- , -G713-
- ❑ Fitting location and connectors ⇒ page 91

7 - Brake servo vacuum pump -V469-

- ❑ Fitting location and connectors ⇒ page 83



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1.3 Fitting location of image processing control unit -J851-

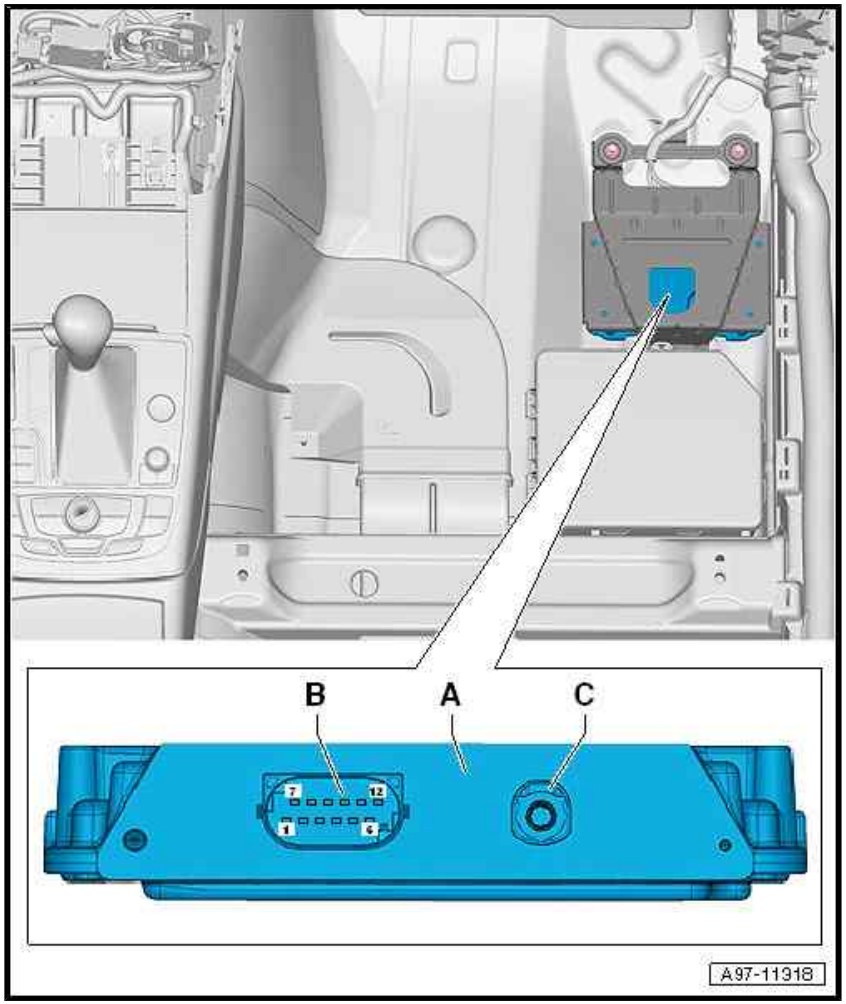
Fitting location, left-hand drive

Under front passenger seat -A-.

A - Image processing control unit -J851-

B - 12-pin connector -T12i- , black

C - 5-pin connector -T5i- , black



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Fitting location, right-hand drive

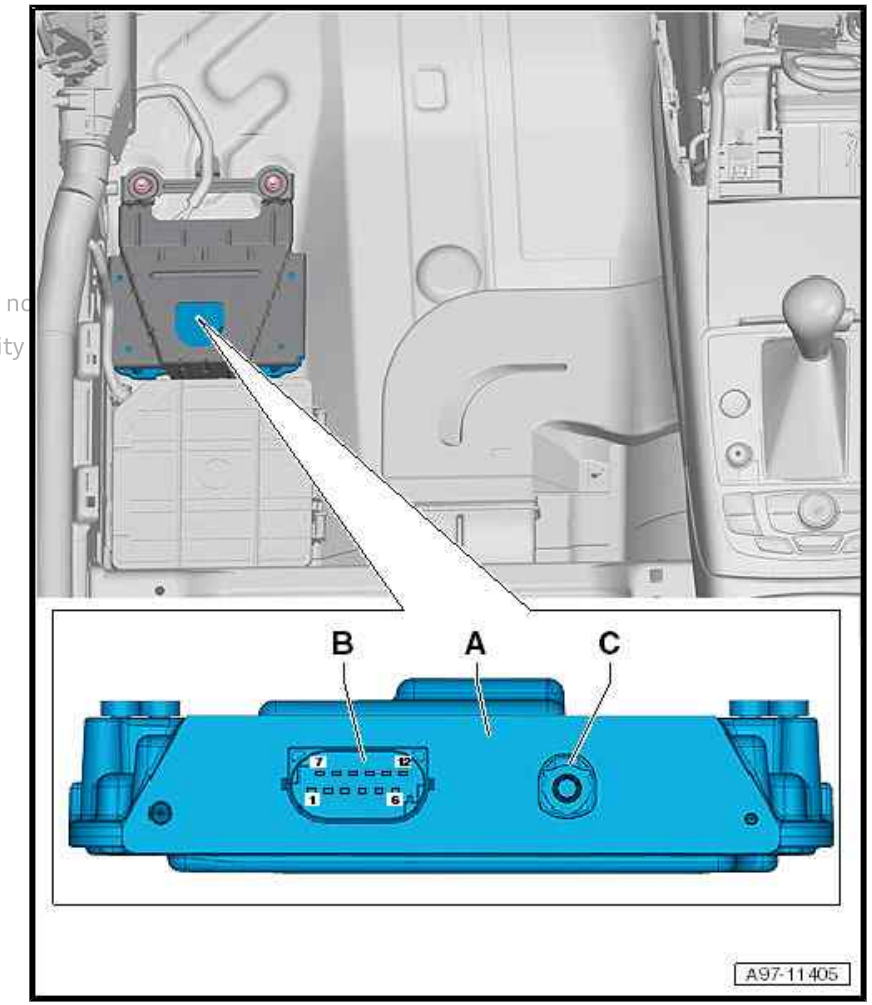
Under front passenger seat -A-.

A - Image processing control unit -J851-

B - 12-pin connector -T12i- , black

C - 5-pin connector -T5i- , black

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1.4 Fitting location of airbag control unit -J234-

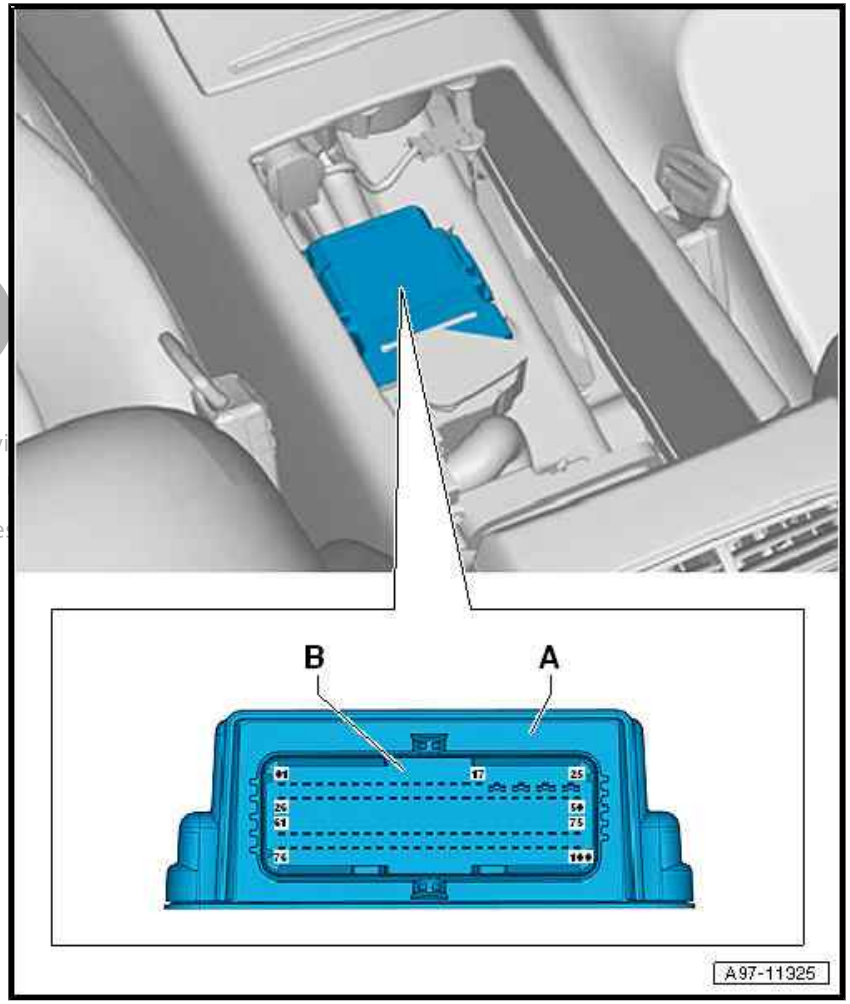
Fitting location

Under rear centre console -A-.

A - Airbag control unit -J234-

B - 100-pin connector -T100- , yellow

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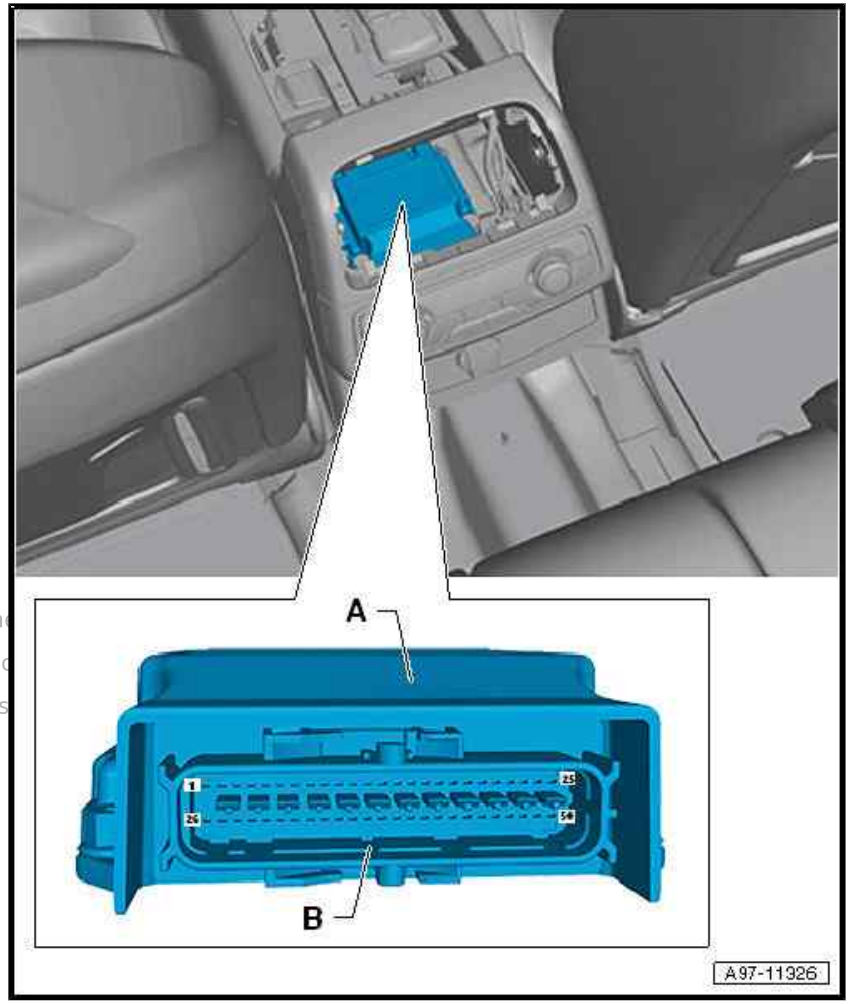
1.5 Fitting location of control unit for sensor electronics -J849-

Fitting location

Under rear centre console -A-.

A - Control unit for sensor electronics -J849-

B - 50-pin connector -T50- , ivory



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1.6 Fitting location of control unit for night vision system -J853-

Fitting location

Under driver seat - left-hand drive models.

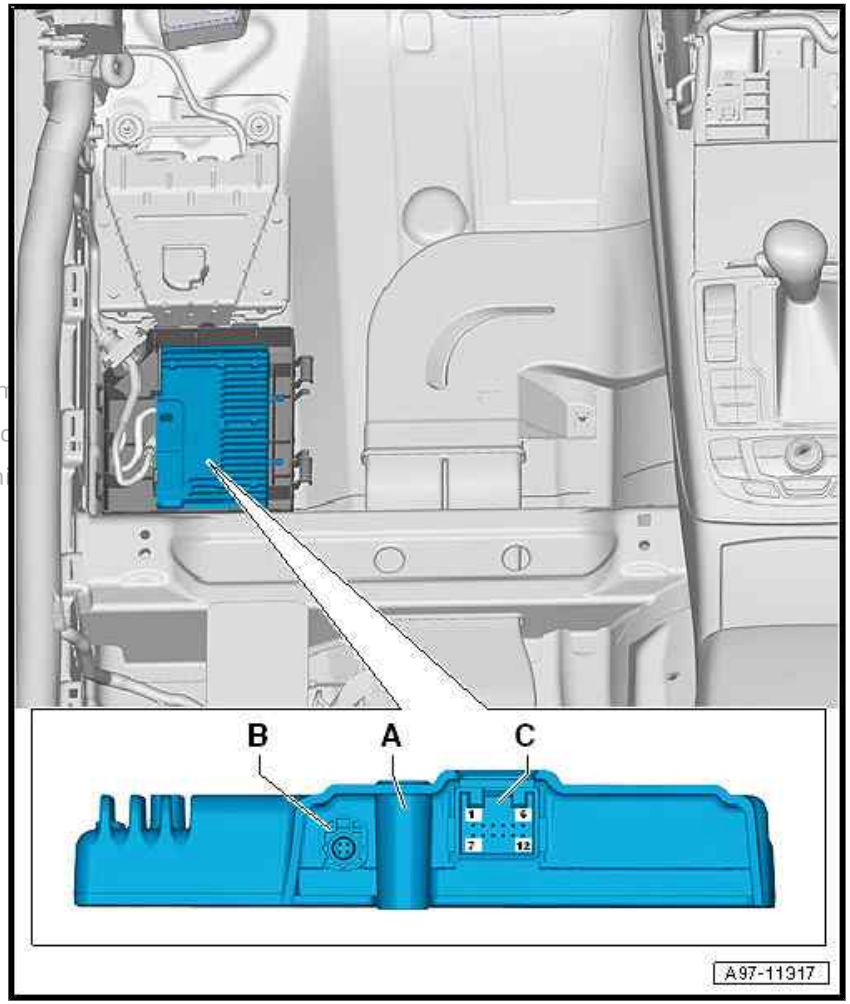
Under front passenger seat - right-hand drive models.

A - Control unit for night vision system -J853-

B - 5-pin connector -T5e- , black

C - 12-pin connector -T12b- , black

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1.7 Fitting location of active steering control unit -J792-

Fitting location, left-hand drive

Under driver seat.

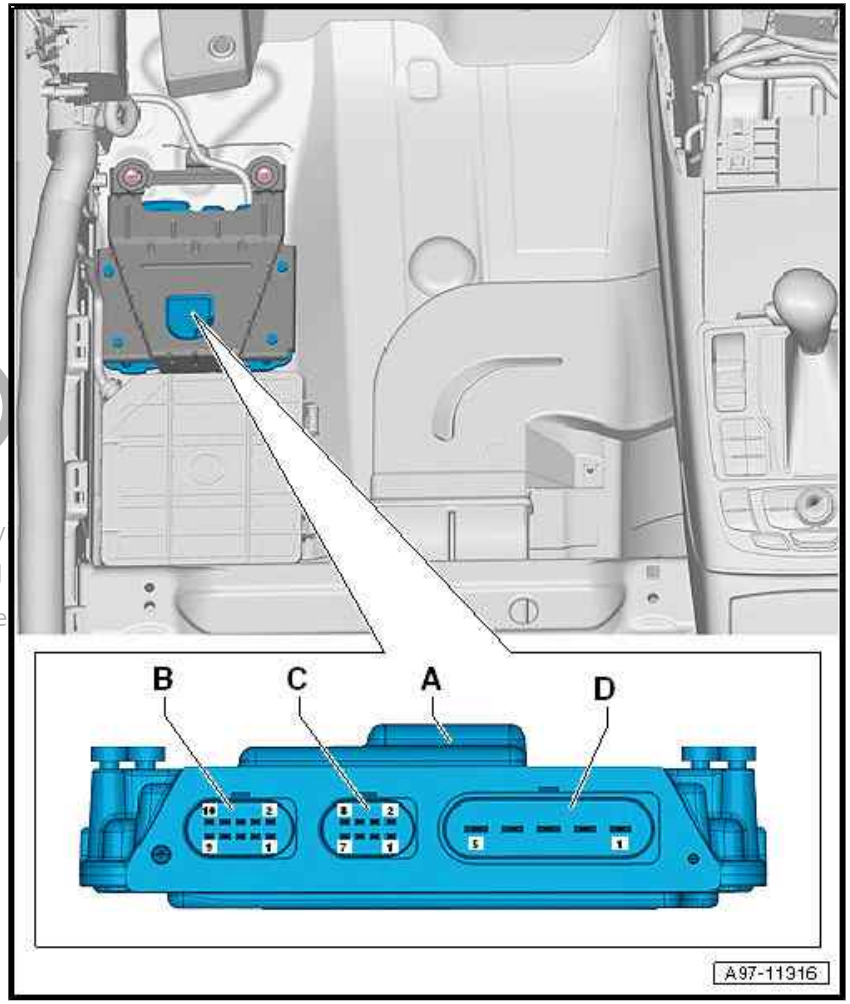
A - Active steering control unit -J792-

B - 10-pin connector -T10c- , black

C - 8-pin connector -T8m- , black

D - 5-pin connector -T5k- , black, Active steering motor -V477-

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Fitting location, right-hand drive

Under driver seat.

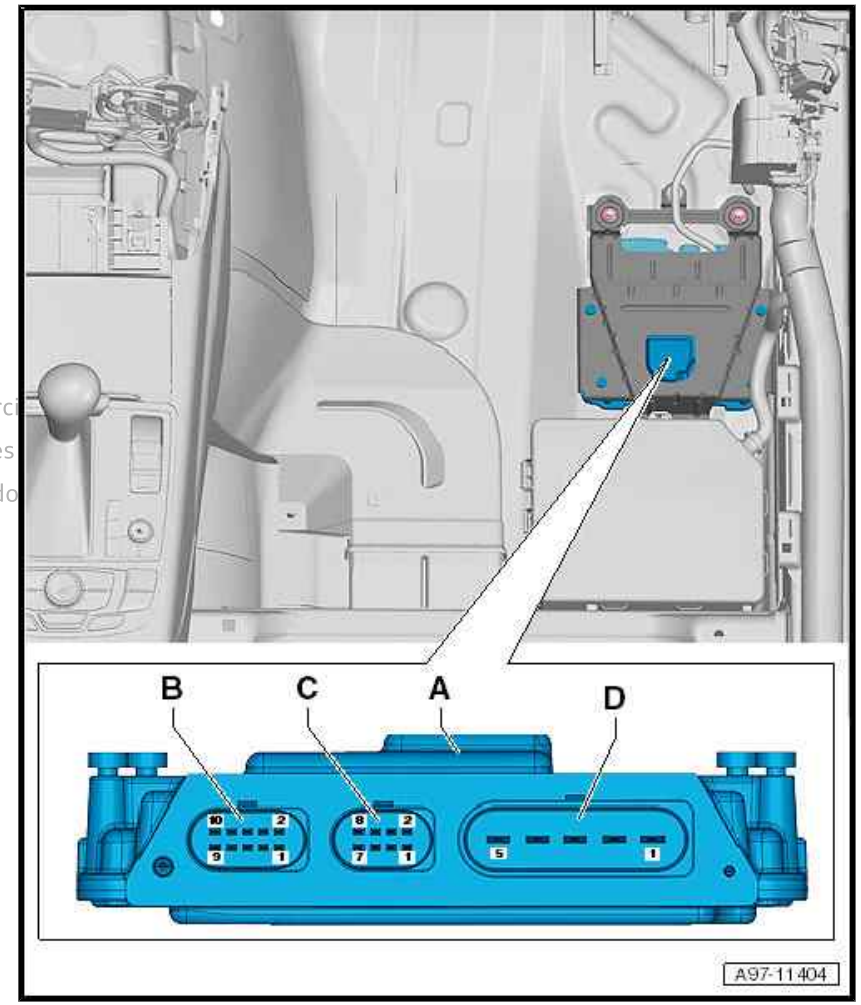
A - Active steering control unit -J792-

B - 10-pin connector -T10c- , black

C - 8-pin connector -T8m- , black

D - 5-pin connector -T5k- , black, Active steering motor -V477-

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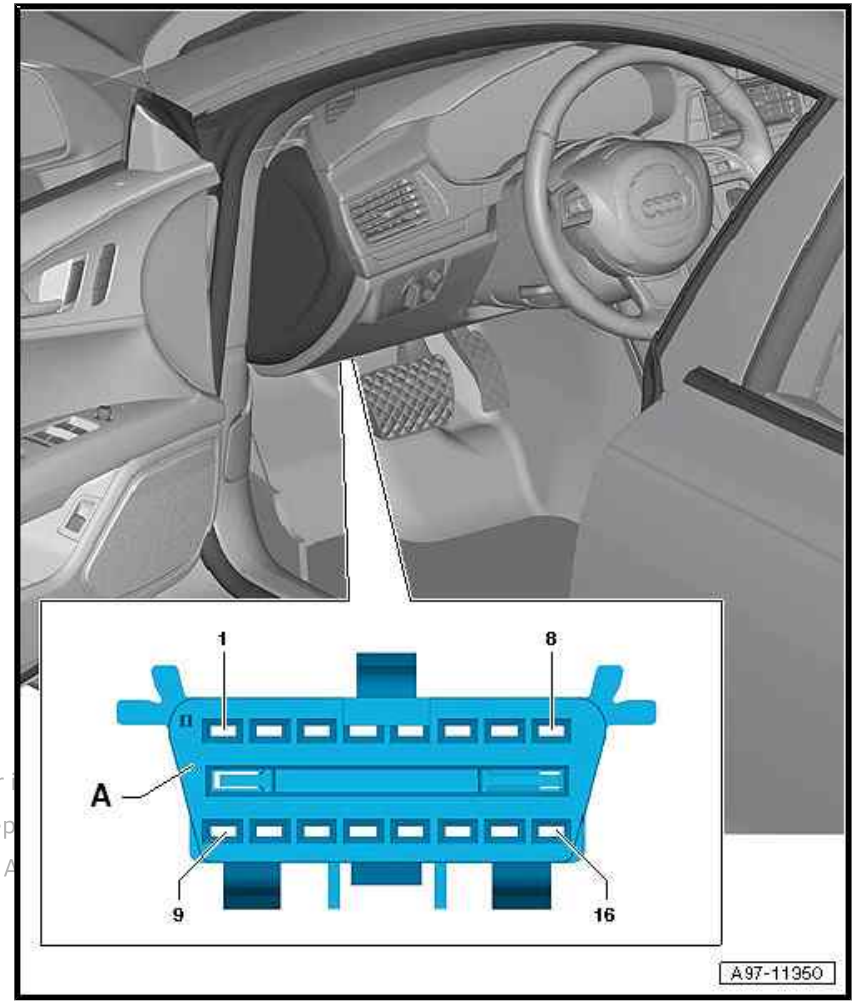
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1.8 Fitting location of 16-pin connector -T16- diagnostic connector

Fitting location, left-hand drive

In left stowage compartment on driver side -A-.

A - 16-pin connector -T16- , black



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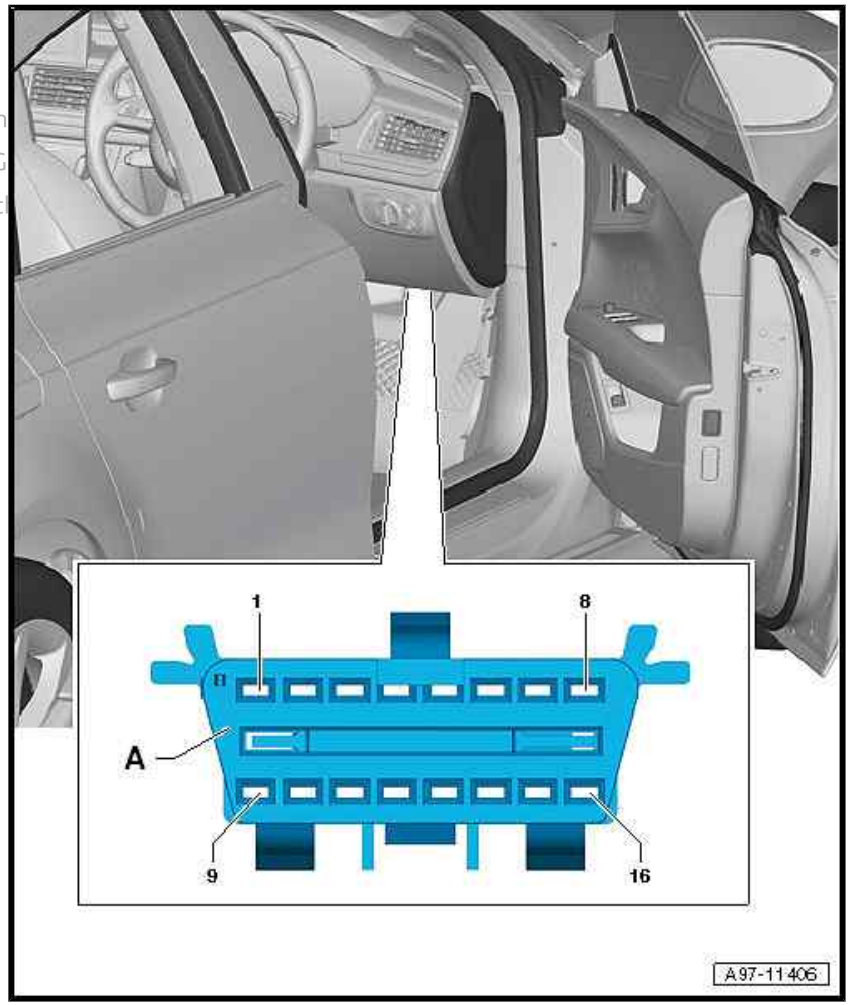
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Fitting location, right-hand drive

In right stowage compartment on driver side.

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A - 16-pin connector -T16- , black



Connector assignment 16-pin connector -T16- , diagnostic connector

-T16- (A)	Designation		-T16- (A)	Designation
1	Terminal 15 from comfort system central control unit -J393-		9	

-T16- (A)	Designation		-T16- (A)	Designation
2			10	
3			11	
4	Terminal 31, to 135 earth connection 2 in dash panel wiring harness Earth connection 3 in dash panel wiring harness 45 Earth point, centre behind dash panel		12	
5	Terminal 31, to 135 earth connection 2 in dash panel wiring harness Earth connection 3 in dash panel wiring harness 45 Earth point, centre behind dash panel		13	
6	CAN bus, high Data bus diagnostic interface -J533-		14	CAN bus, low Data bus diagnostic interface -J533-
7			15	Airbag control unit -J234-
8			16	Terminal 30, from fuse holder C -SC-

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1.9 Fitting location of headlight range control unit -J431-

Control unit for cornering light and headlight range control -J745- , for models with cornering light

Fitting location, left-hand drive

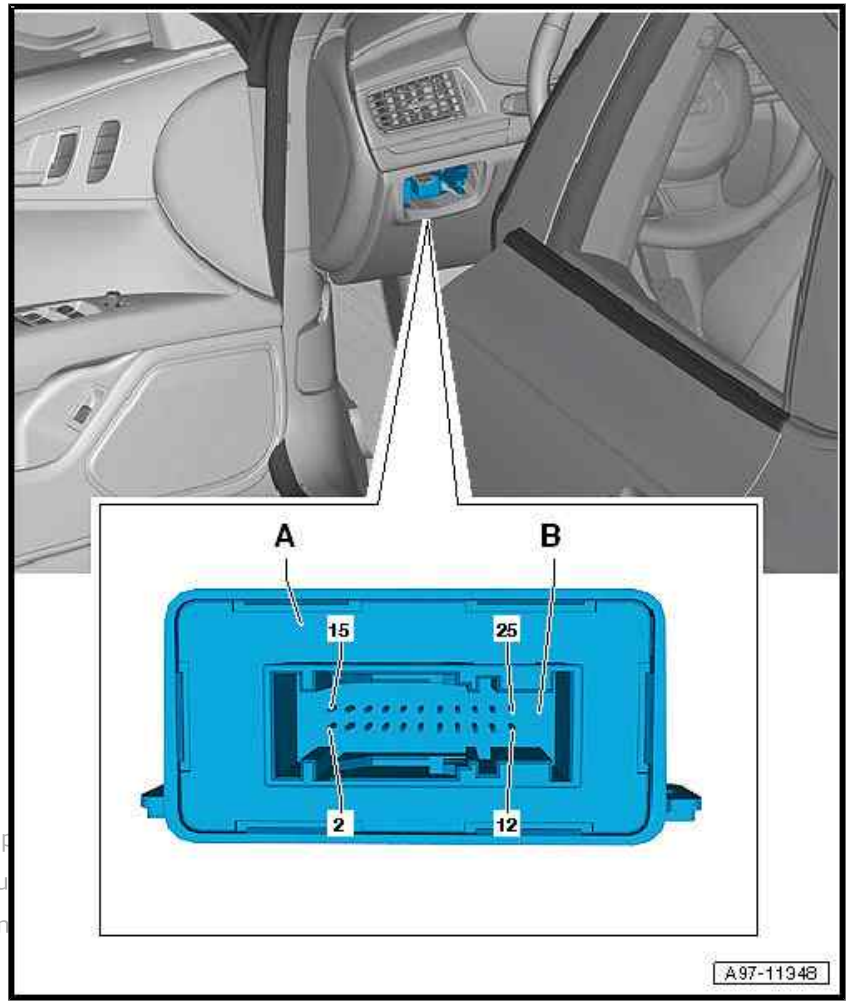
Behind left stowage compartment on driver side.

A - Headlight range control unit -J431-

A - Control unit for cornering light and headlight range control -J745-

- ❑ models with cornering light

B - 26-pin connector -T26a- , black



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Fitting location, right-hand drive

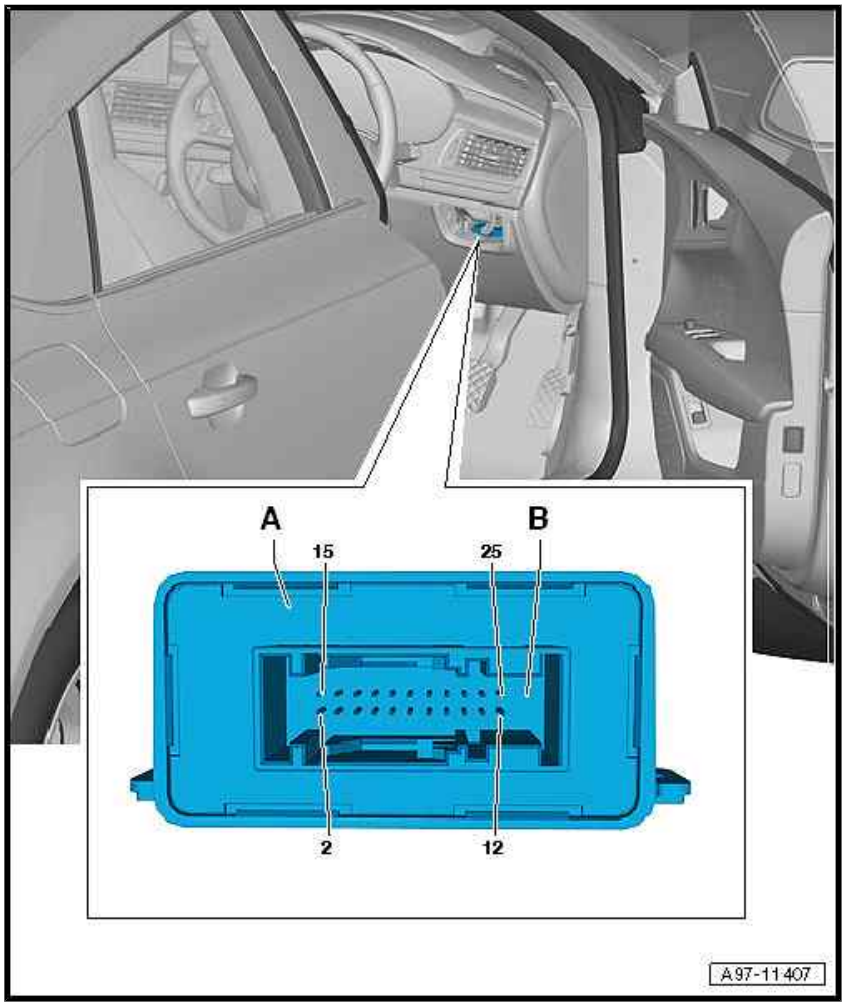
Behind right stowage compartment on driver side.

A - Headlight range control unit -J431-

A - Control unit for cornering light and headlight range control -J745-

- ❑ models with cornering light

B - 26-pin connector -T26a- , black



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1.10 Fitting location of onboard supply control unit -J519-

Fitting location, left-hand drive

Behind left stowage compartment on driver side.

A - 32-pin connector -T32c- , grey

B - 32-pin connector -T32a- , black

C - 16-pin connector -T16c- , brown

D - 17-pin connector -T17d- , black

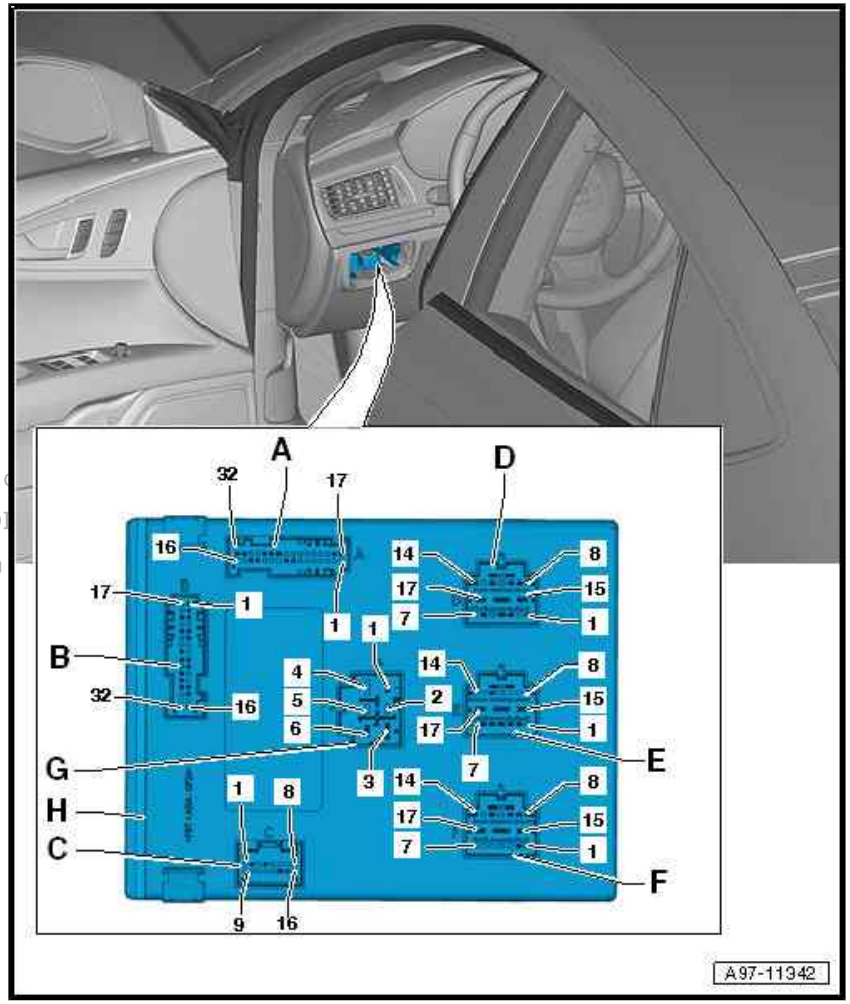
E - 17-pin connector -T17c- , brown

F - 17-pin connector -T17e- , red

G - 6-pin connector -T6d- , grey

H - Onboard supply control unit -J519-

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Fitting location, right-hand drive

Behind right stowage compartment on driver side.

A - 32-pin connector -T32c- , grey

B - 32-pin connector -T32a- , black

C - 16-pin connector -T16c- , brown

D - 17-pin connector -T17d- , black

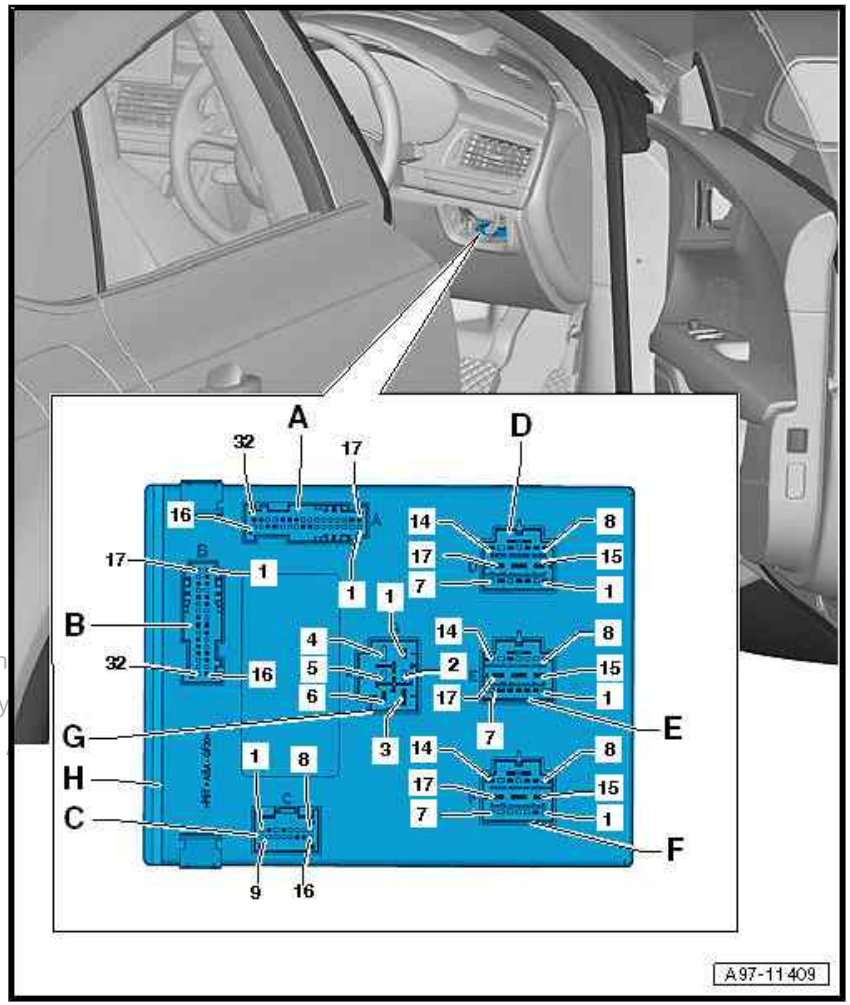
E - 17-pin connector -T17c- , brown

F - 17-pin connector -T17e- , red

G - 6-pin connector -T6d- , grey

H - Onboard supply control unit -J519-

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1.11 Fitting location of engine control unit -J623-

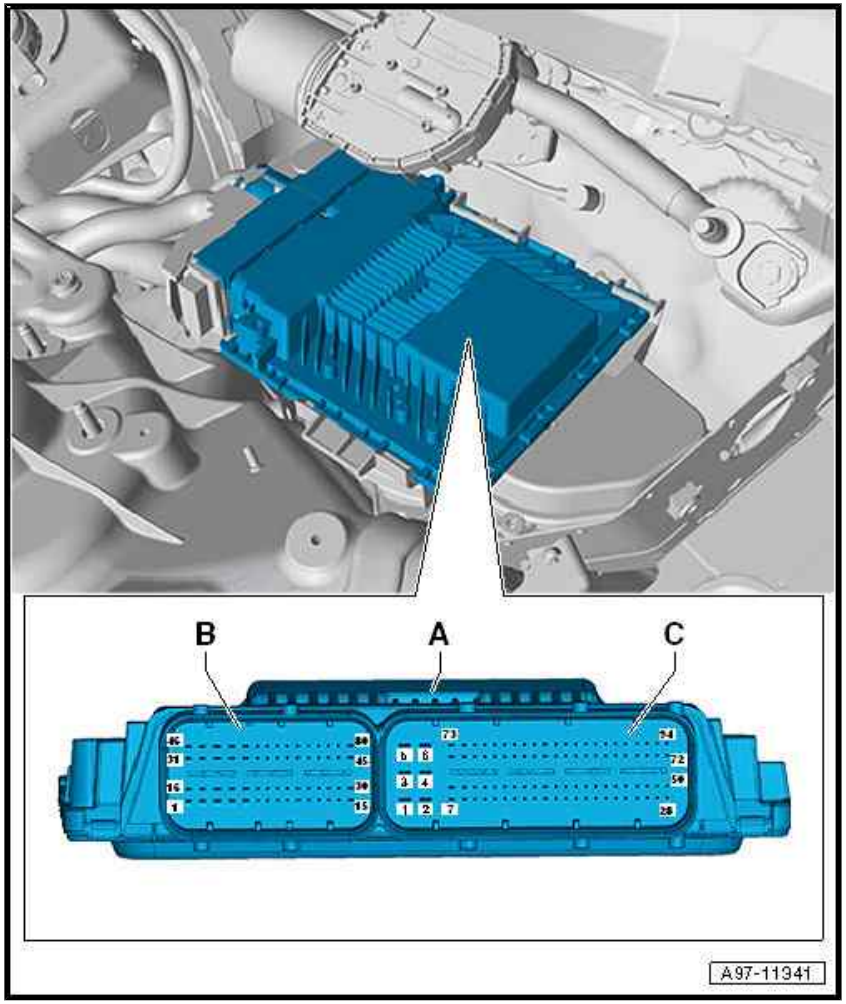
Fitting location, left-hand drive

On left in plenum chamber.

A - Engine control unit -J623-

B - 60-pin connector -T60- , black

C - 94-pin connector -T94- , black



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Fitting location, right-hand drive

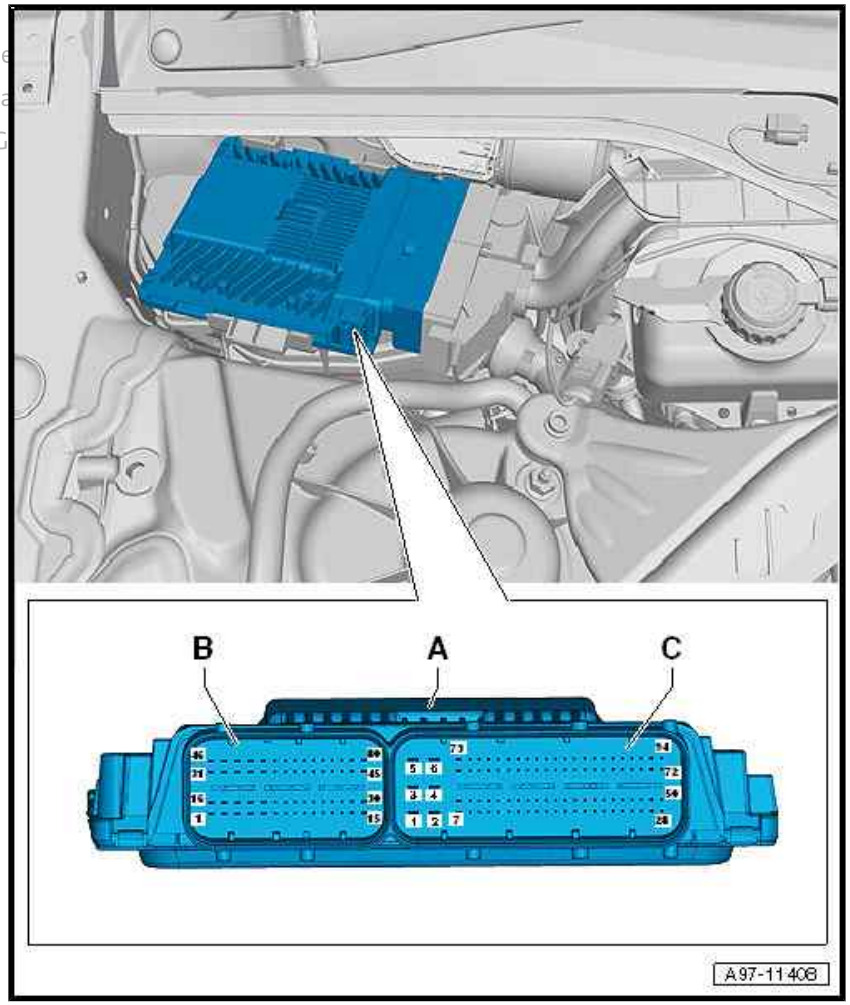
On right in plenum chamber.

A - Engine control unit -J623-

B - 60-pin connector -T60-, black

C - 94-pin connector -T94-, black

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Engine control unit -J623-, 196-pin

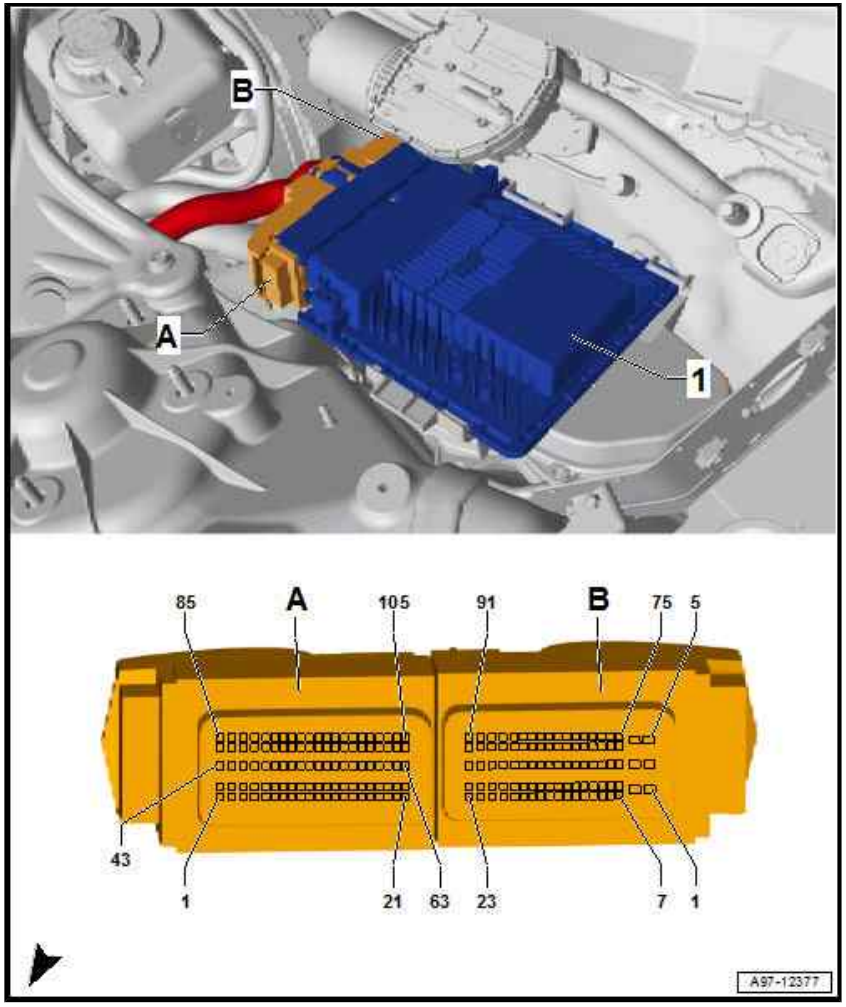
On left in plenum chamber, left-hand drive.

On right in plenum chamber, right-hand drive.

1 - Engine control unit -J623-

A - 105-pin connector -T105- , black

B - 91-pin connector -T91- , black



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Engine control unit -J623- , 315-pin

On left in plenum chamber, left-hand drive.

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On right in plenum chamber, right-hand drive.

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1 - Engine control unit -J623-

A - 56-pin connector -T56a- , black

- ❑ Contact carrier colour: black

B - 91-pin connector -T91- , black

- ❑ Contact carrier colour: black

C - 56-pin connector -T56b- , black

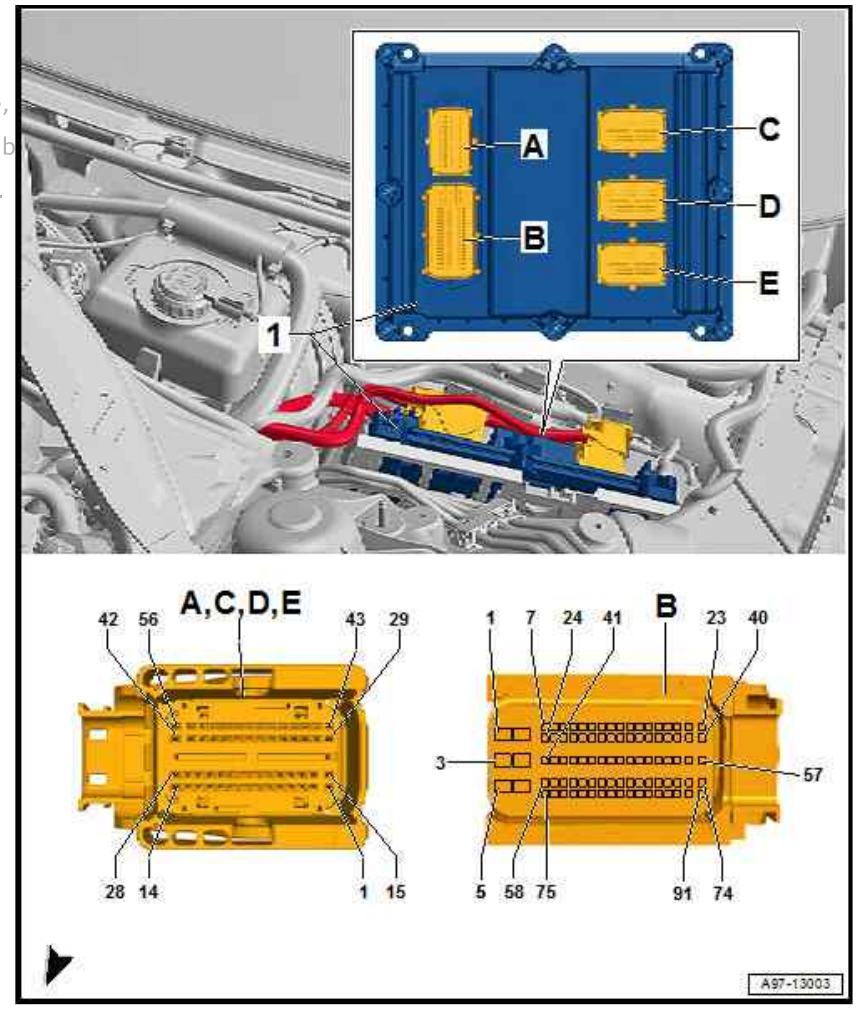
- ❑ Contact carrier colour: white

D - 56-pin connector -T56c- , black

- ❑ Contact carrier colour: blue

E - 56-pin connector -T56d- , black

- ❑ Contact carrier colour: violet



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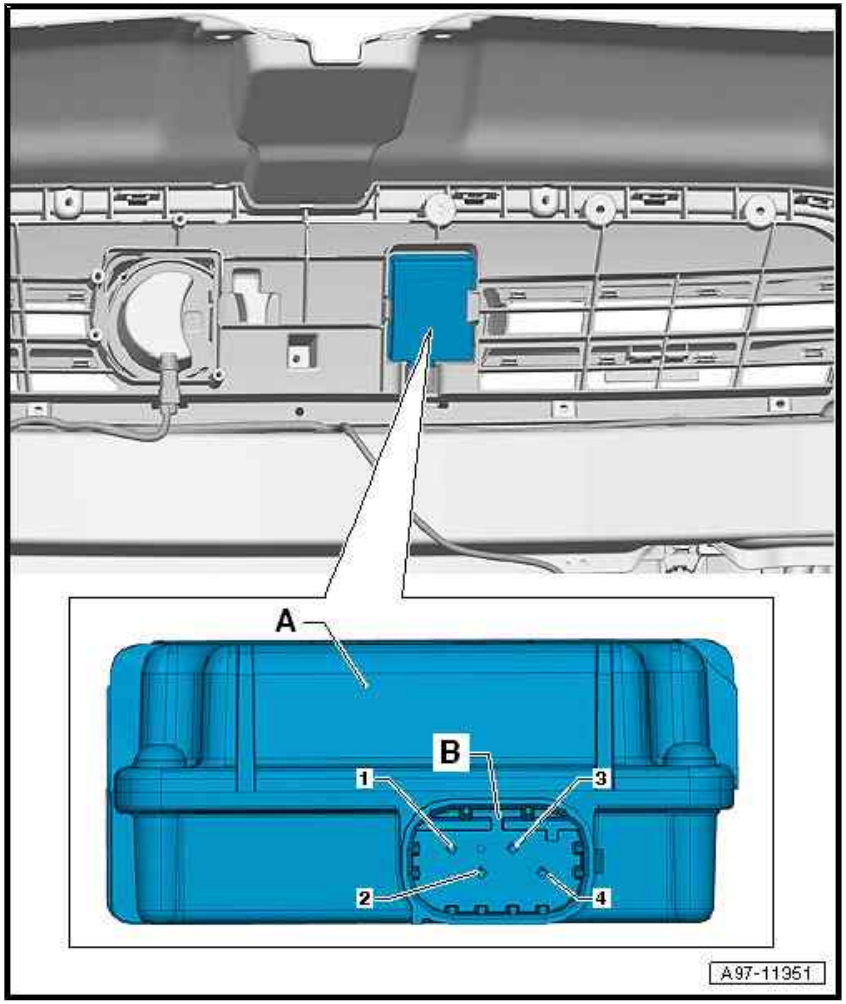
1.12 Fitting location of garage door operation control unit -J530-

Fitting location

In the front bumper cover, centre -A-.

A - Garage door operation control unit -J530-

B - 4-pin connector -T4r- , black



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1.13 Fitting location of control unit for heads-up display -J898-

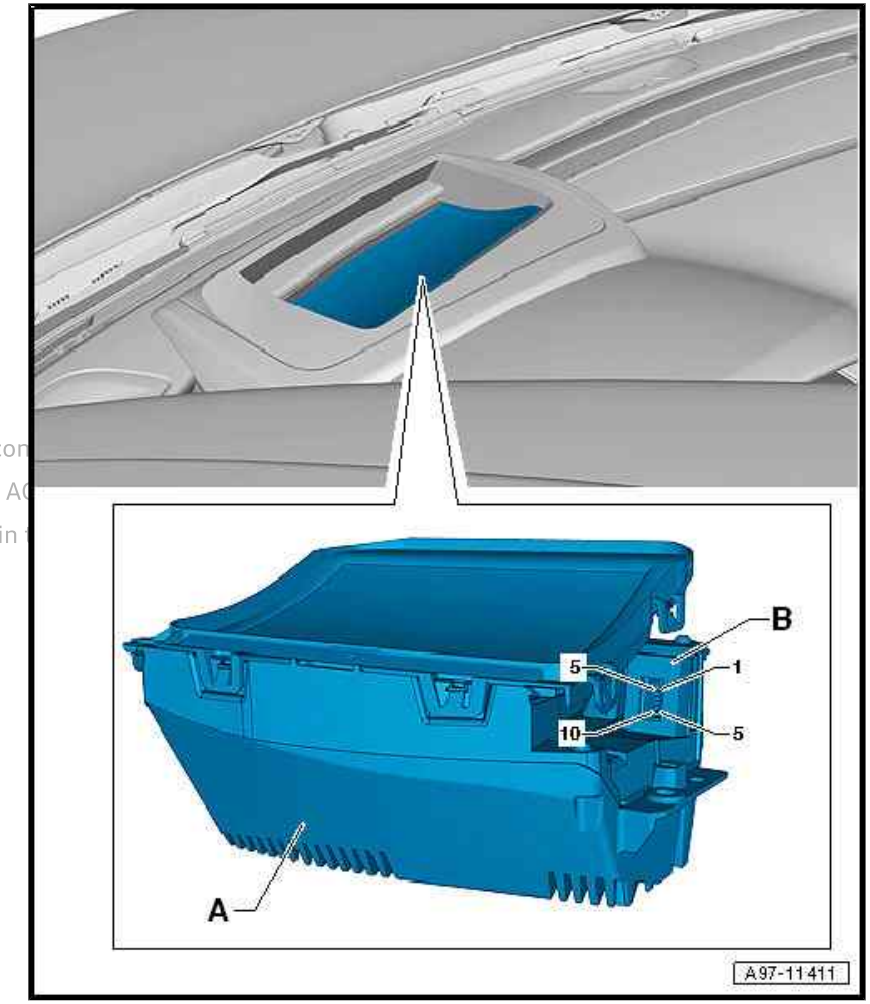
Fitting location

At front in driver side dash panel -A-.

A - Control unit for heads-up display -J898-

B - 10-pin connector -T10g- , black

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1.14 Fitting location of ABS control unit -J104-

Fitting location

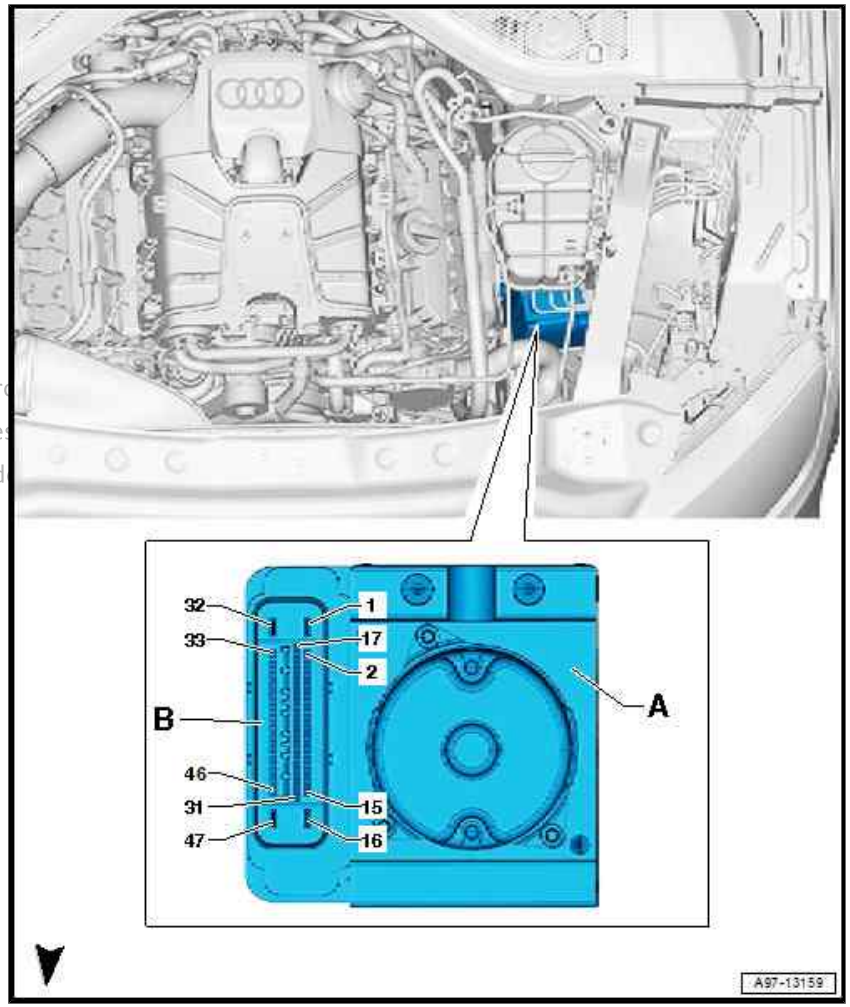
On left in engine compartment -A-.

ABS control unit -J104- , 47-pin

A - ABS control unit -J104-

B - 47-pin connector -T47- , black

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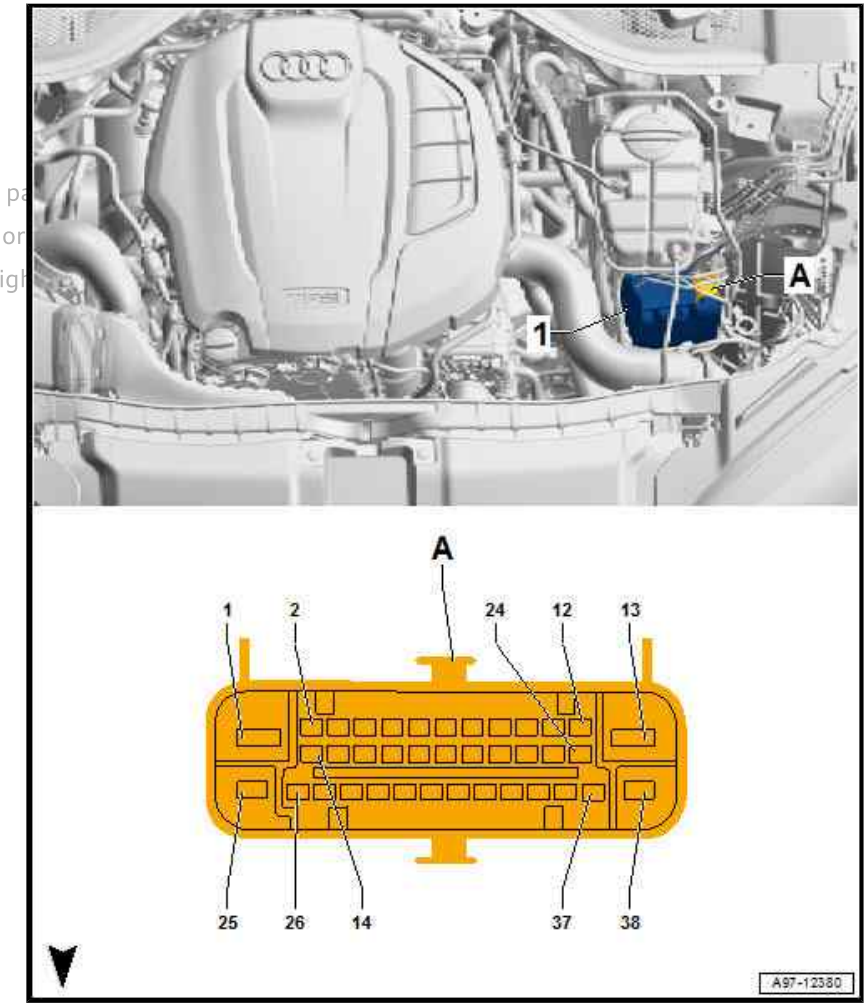


ABS control unit -J104- , 38-pin

1 - ABS control unit -J104-

A - 38-pin connector -T38a- , black

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1.15 Fitting location of adaptive cruise control unit -J428-

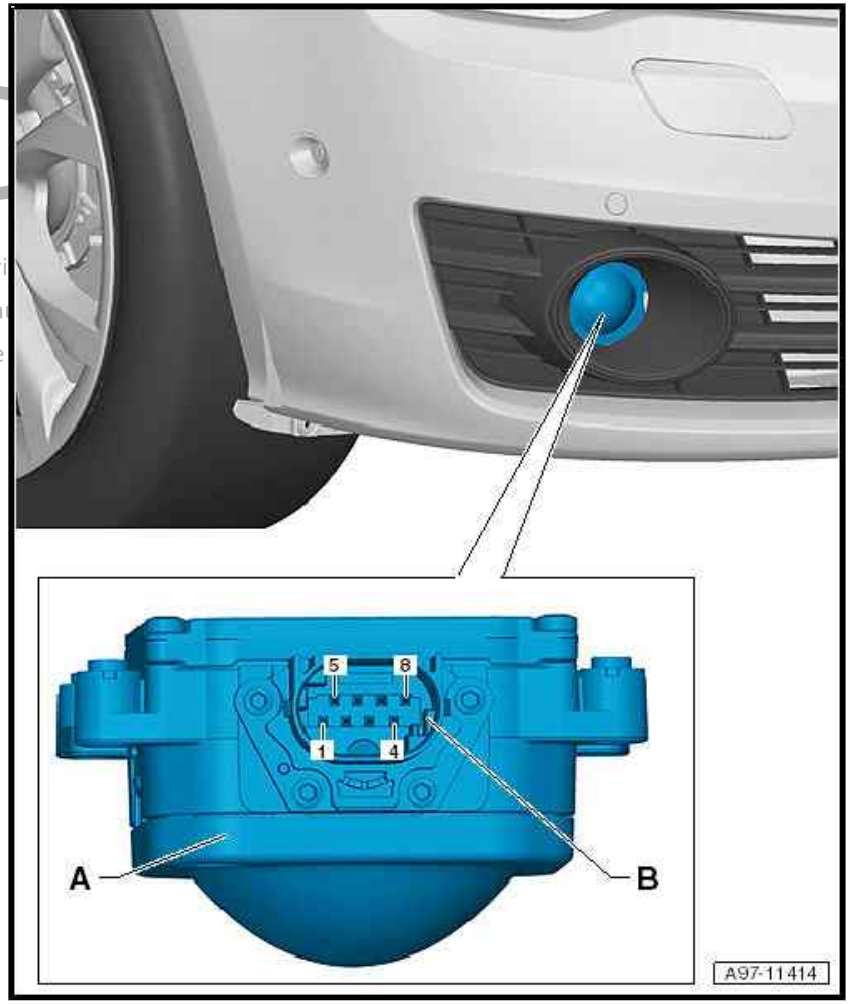
Fitting location

Under front right headlight.

A - Adaptive cruise control unit -J428-

B - 8-pin connector -T8k- , black

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1.16 Fitting location of control unit 2 for adaptive cruise control -J850-

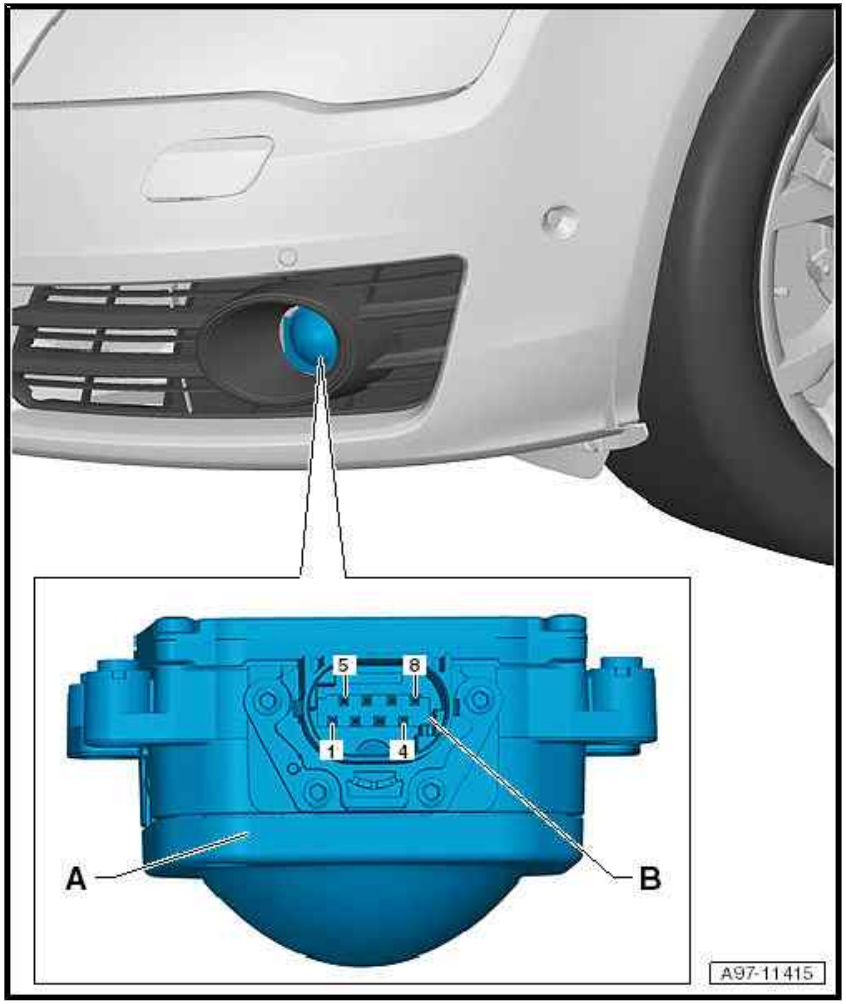
Fitting location

At front under left headlight.

A - Control unit 2 for adaptive cruise control -J850-

B - 8-pin connector -T8l- , black

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1.17 Fitting location of sliding sunroof adjustment control unit -J245-

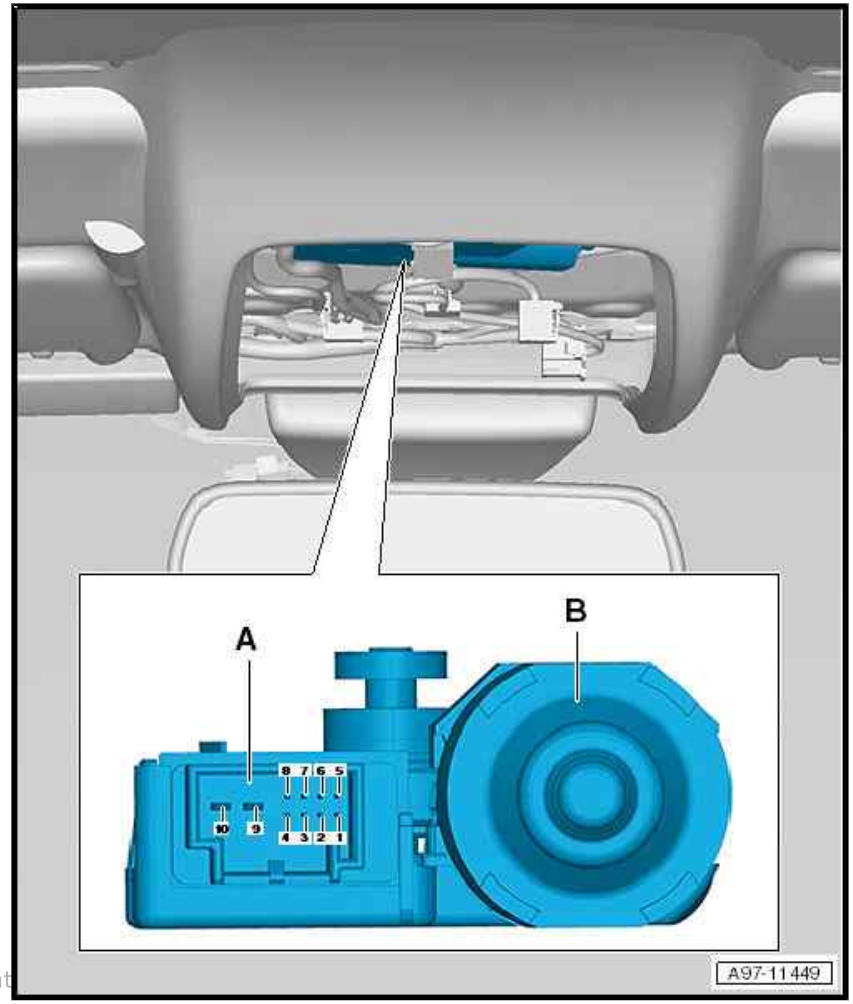
Fitting location

Behind front interior light -W1-

A - 10-pin connector -T10b- , black

B - Sliding sunroof adjustment control unit -J245-

- ❑ with sliding sunroof motor -V1-



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1.18 Fitting location of roof electronics control unit -J528-

Fitting location

In front interior light -W1-

A - 6-pin connector -T6e- , blue

B - 10-pin connector -T10ab- , red

C - 5-pin connector -T5d- , black (models with sliding sunroof, 3FD, 3FE)

C - 10-pin connector -T10aq- , black (models with panorama sunroof, 3FU)

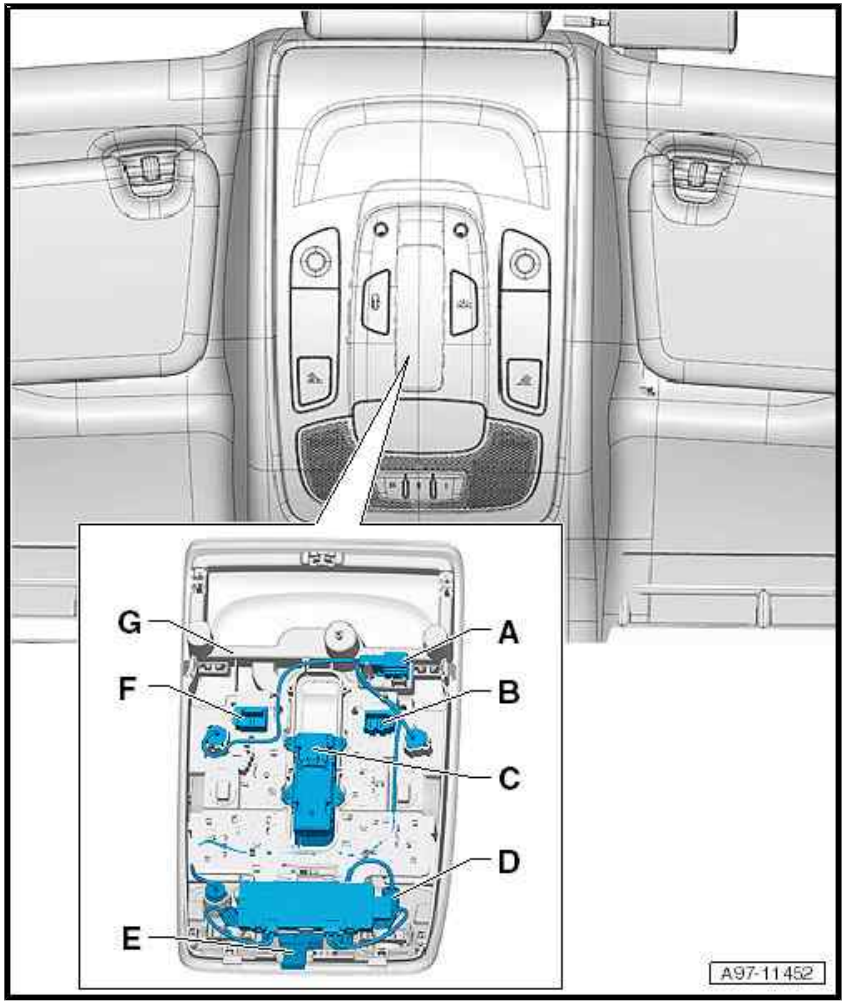
D - 4-pin connector -T4v- , black

E - 6-pin connector -T6f- , black

F - 10-pin connector -T10ac- , black

G - Roof electronics control unit -J528-

- ❑ with front interior light -W1- , front left reading light button -E633- , front right reading light button -E634- , front button for rear reading light -E635- , front left reading light -W65- , front right reading light -W66- , front interior light button -E326-



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1.19 Fitting location of control unit for front left belt tensioner -J854- / control unit for front right belt tensioner -J855-

Fitting location

in lower part of B-pillars.

A - Control unit for front left belt tensioner -J854- / control unit for front right belt tensioner -J855-

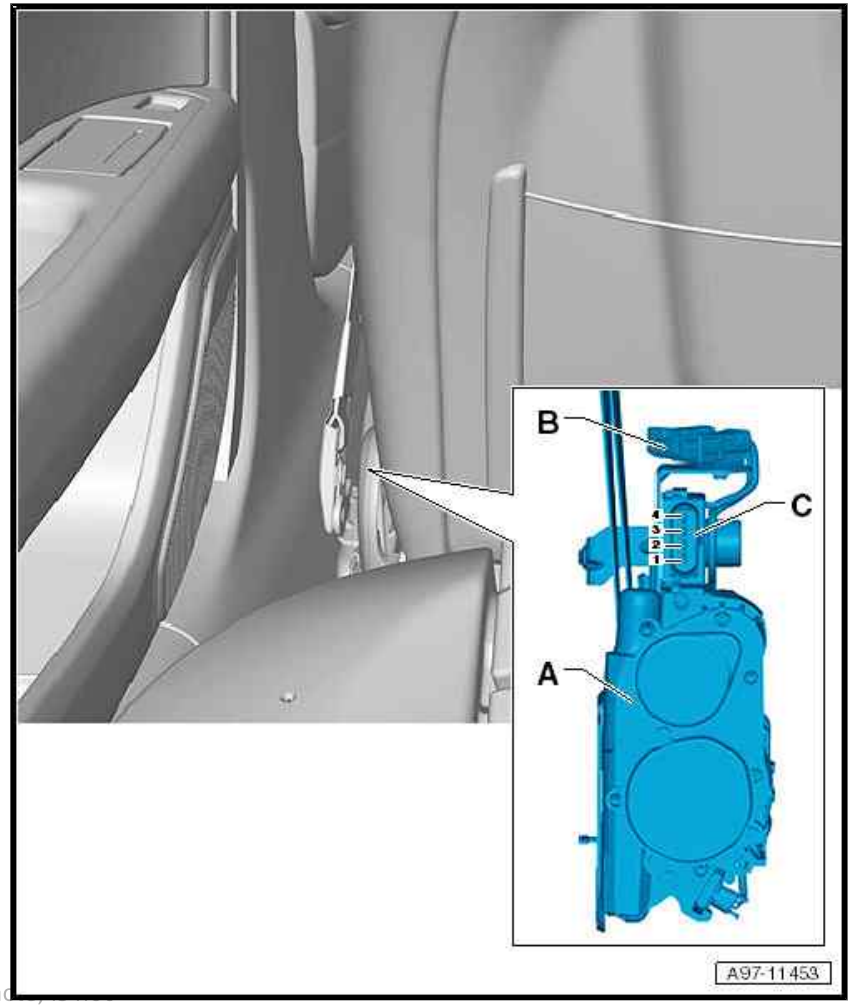
- ❑ with driver seat belt tensioner igniter 1 -N153- , front passenger seat belt tensioner igniter 1 -N154- , driver side belt force limiter -G551- , front passenger side belt force limiter -G552-

B - 5-pin connector -T5f- left, black, Airbag control unit -J234-

B - 5-pin connector -T5h- right, black, Airbag control unit -J234-

C - 4-pin connector -T4x- left, black

C - 4-pin connector -T4ac- right, black



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1.20 Fitting location of steering column electronics control unit -J527-

Fitting location

On steering column, at steering column switch.

Front

A - 12-pin connector -T12v- , black, airbag coil connector and return ring with slip ring -F138- , driver side airbag igniter -N95- , driver side airbag igniter 2 -N250-

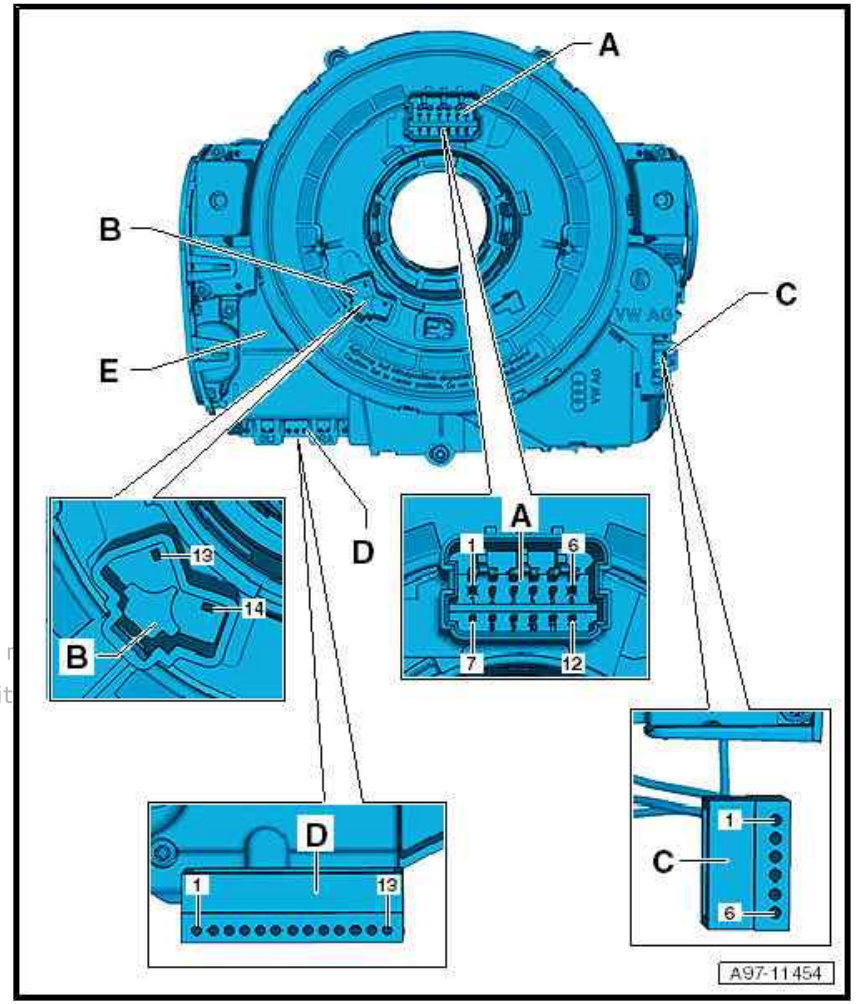
B - 2-pin connector -T2fk- , black, airbag coil connector and return ring with slip ring -F138- , heated steering wheel -Z36-

C - 6-pin connector -T6am- , black, intermittent wiper switch -E22-

D - 13-pin connector -T13b- , black, turn signal switch -E2- , headlight flasher switch -E5- , cruise control system switch -E45-

E - Steering column electronics control unit -J527-

- ❑ with turn signal switch -E2- , headlight flasher switch -E5- , intermittent wiper switch -E22- , cruise control system switch -E45- , coil connector -F350- , steering angle sender -G85- , lane departure warning button -E517- , airbag coil connector and return ring with slip ring -F138-



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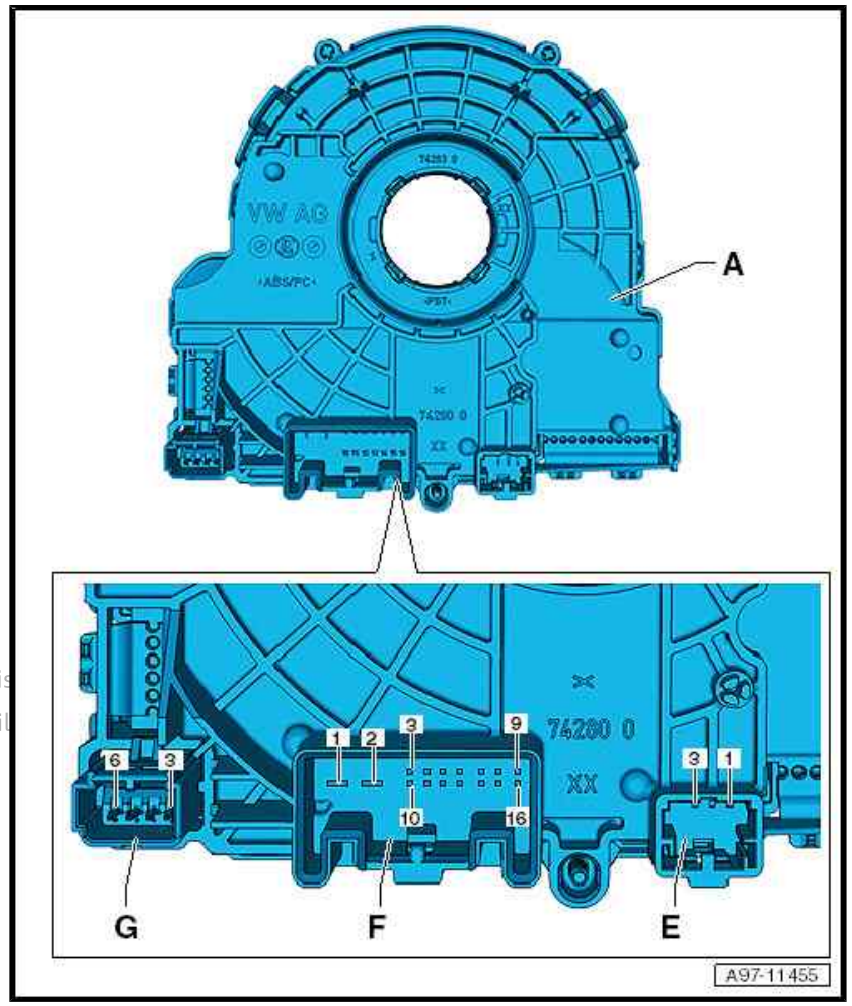
Back

A - Steering column electronics control unit -J527-

G - 4-pin connector -T4ah- , yellow, from airbag control unit -J234-

F - 16-pin connector -T16e- , black

E - not assigned



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1.21 Fitting location of camera control unit -J852-

Fitting location

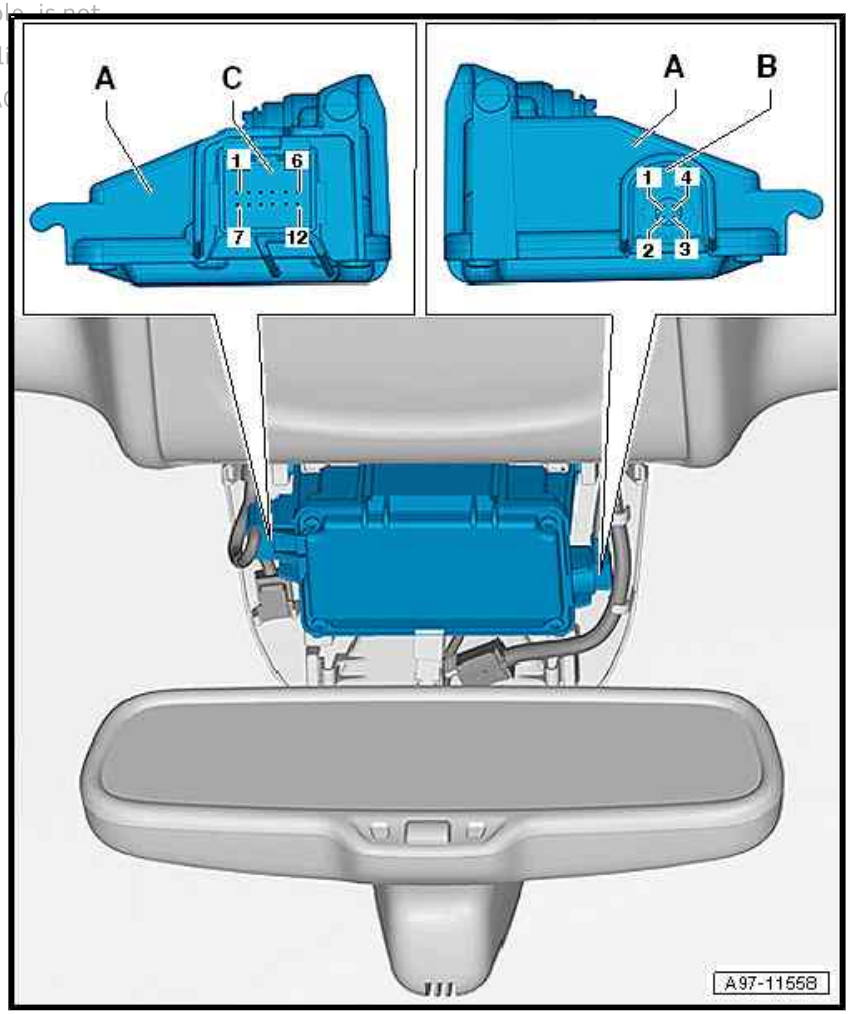
At top centre of windscreen -A-.

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A - Camera control unit -J852-

B - 5-pin connector -T5c- , black

C - 12-pin connector -T12a- , black



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1.22 Fitting location of power steering control unit -J500-

Fitting location

On steering box -A-.

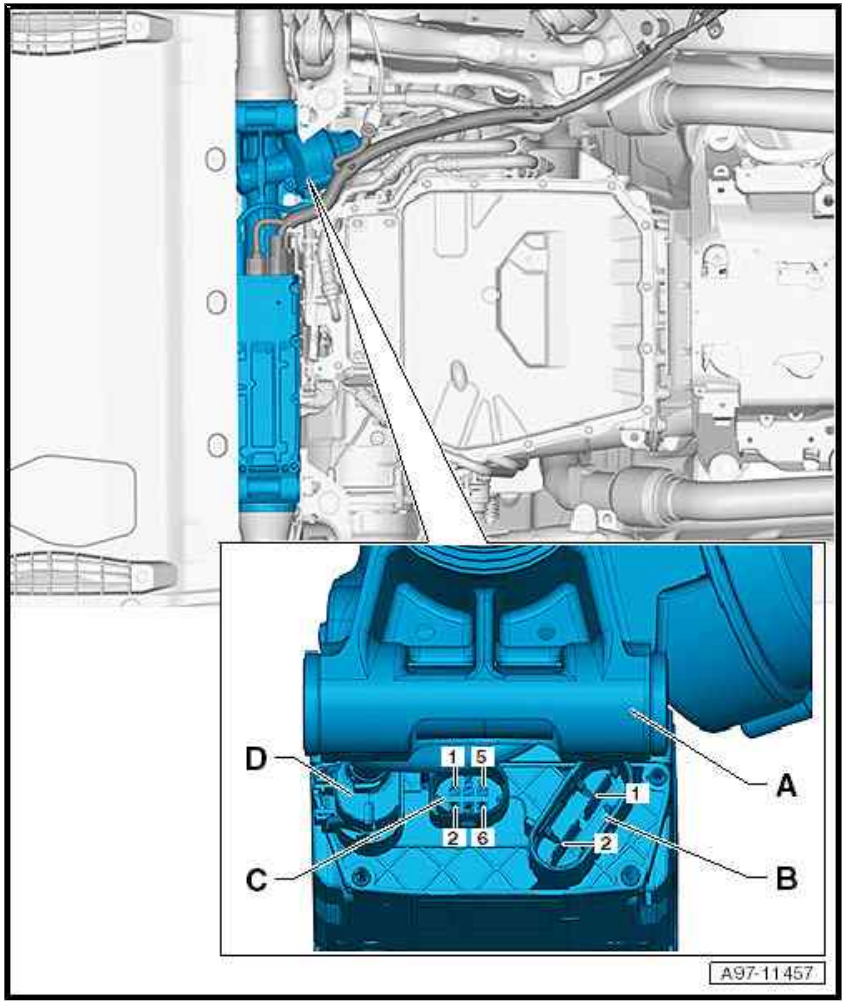
A - Power steering control unit -J500-

- ❑ with electromechanical power steering motor -V187- , steering moment sender -G269-

B - 2-pin connector -T2fa- , black

C - 6-pin connector -T6ak- , black

D - Sensor connection



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1.23 Fitting location of auxiliary heater control unit -J364-

Fitting location

On front right longitudinal member -A-.

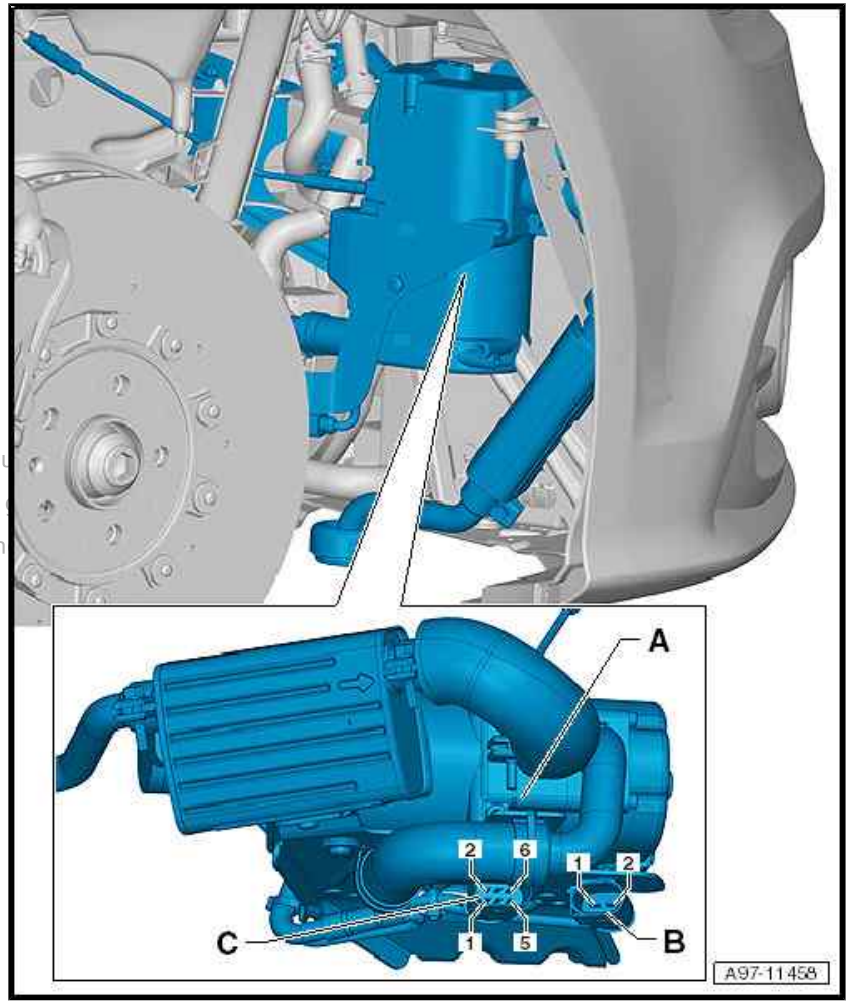
A - Auxiliary heater control unit -J364-

- ❑ with temperature sensor 2 for supplementary and auxiliary heating -G587- , flame monitor -G64- , temperature sensor -G18- , glow plug for heater -Q9- , combustion air blower -V6- , fuel pre-heating heater element -Z66-

B - 2-pin connector -T2az- , brown

C - 6-pin connector -T6k- , black

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Connector assignment, auxiliary heater control unit -J364-

-T6k- (C)	Designation
1	Dash panel insert CAN bus, high B708 Connection 1 (dash panel insert CAN bus, high), in main wiring harness Data bus diagnostic interface -J533-
2	Dash panel insert CAN bus, low B709 Connection 1 (dash panel insert CAN bus, low), in main wiring harness Data bus diagnostic interface -J533-
3	Heater coolant shut-off valve -N279-
4	Metering pump -V54-
5	Terminal 31, to 380 earth connection 15 in main wiring harness 43 Earth point on lower part of right A-pillar
6	Remote control receiver for auxiliary heater -R64-

-T2az- (B)	Designation
1	Terminal 30, from fuse holder F -SF-
2	Terminal 31, to 379 earth connection 14 in main wiring harness 43 Earth point on lower part of right A-pillar

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1.24 Fitting location of Climatronic control unit -J255-

Fitting location

At bottom centre of dash panel -B-.

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A - 20-pin connector -T20c- , black

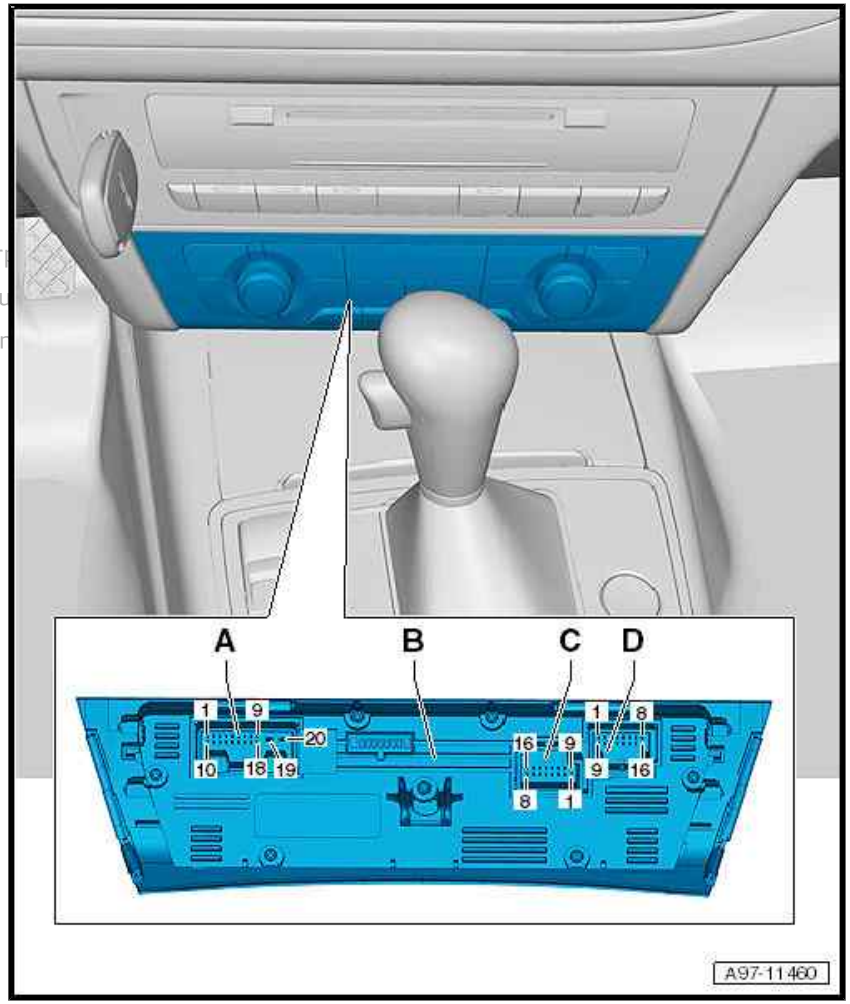
B - Climatronic control unit -J255-

- ❑ with heated driver seat regulator -E94- , heated front passenger seat regulator -E95-

C - 16-pin connector -T16f- , brown

D - 16-pin connector -T16p- , black

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1.25 Fitting location of power unit mounting control unit -J931-

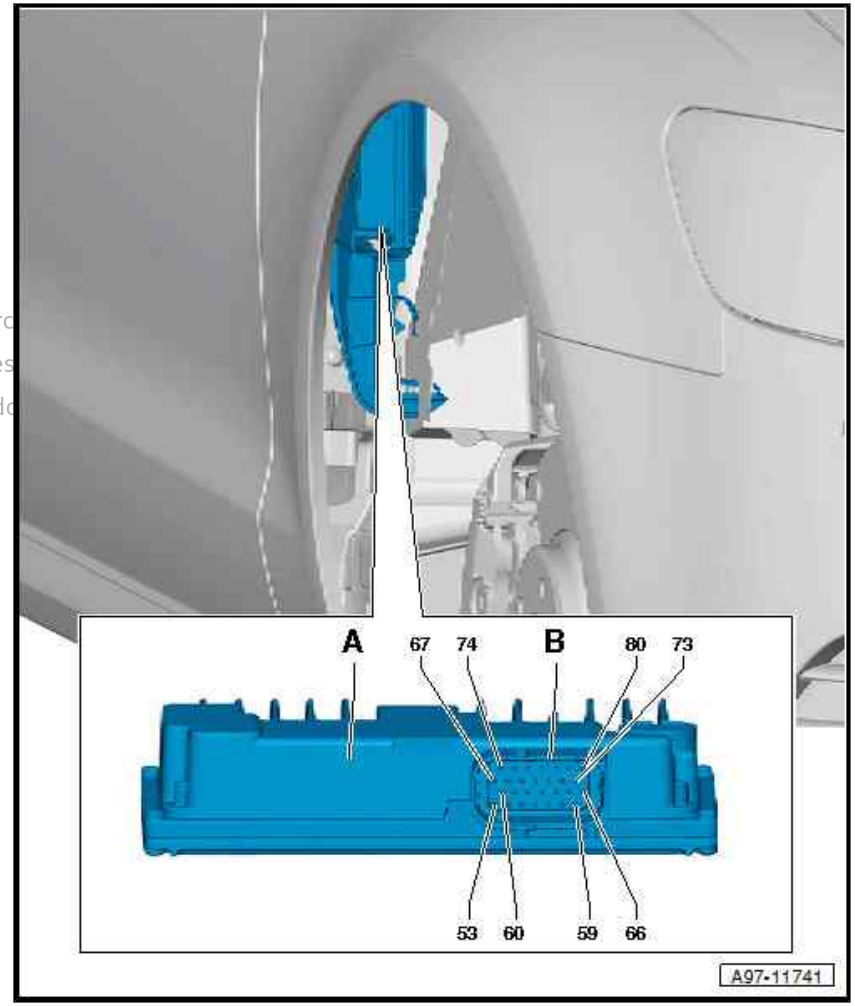
Fitting location

Behind right front wheel housing liner -A-.

A - Power unit mounting control unit -J931-

B - 28-pin connector -T28- , black

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1.26 Fitting location of control unit for wiper motor -J400-

Fitting location

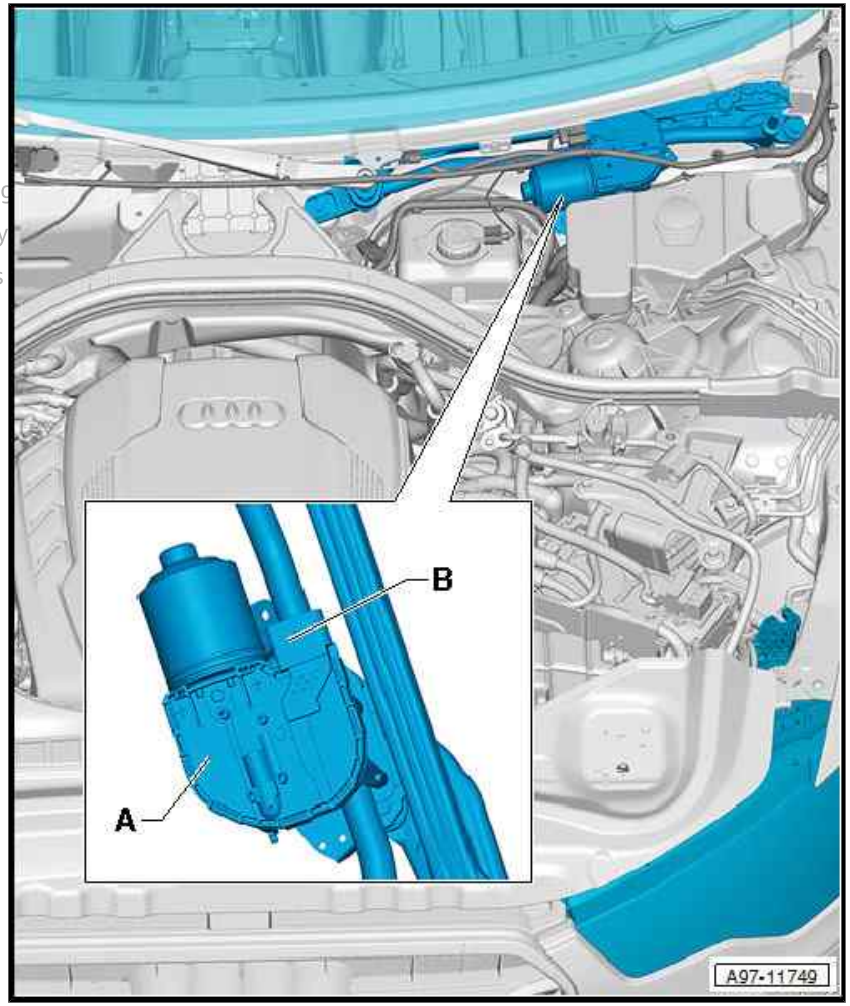
On left in plenum chamber -A-.

A - Wiper motor control unit -J400-

- ❑ with windscreen wiper motor -V-

B - 4-pin connector -T4t- , black

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Connector assignment, wiper motor control unit -J400-

-T4t-(B)	Designation
1	Terminal 30, from fuse holder B -SB-
2	Terminal 31, to (369) earth connection 4 in main wiring harness (44) Earth point on lower part of left A-pillar
3	
4	LIN bus, from onboard supply control unit -J519-

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1.27 Fitting location of control unit for structure-borne sound -J869-

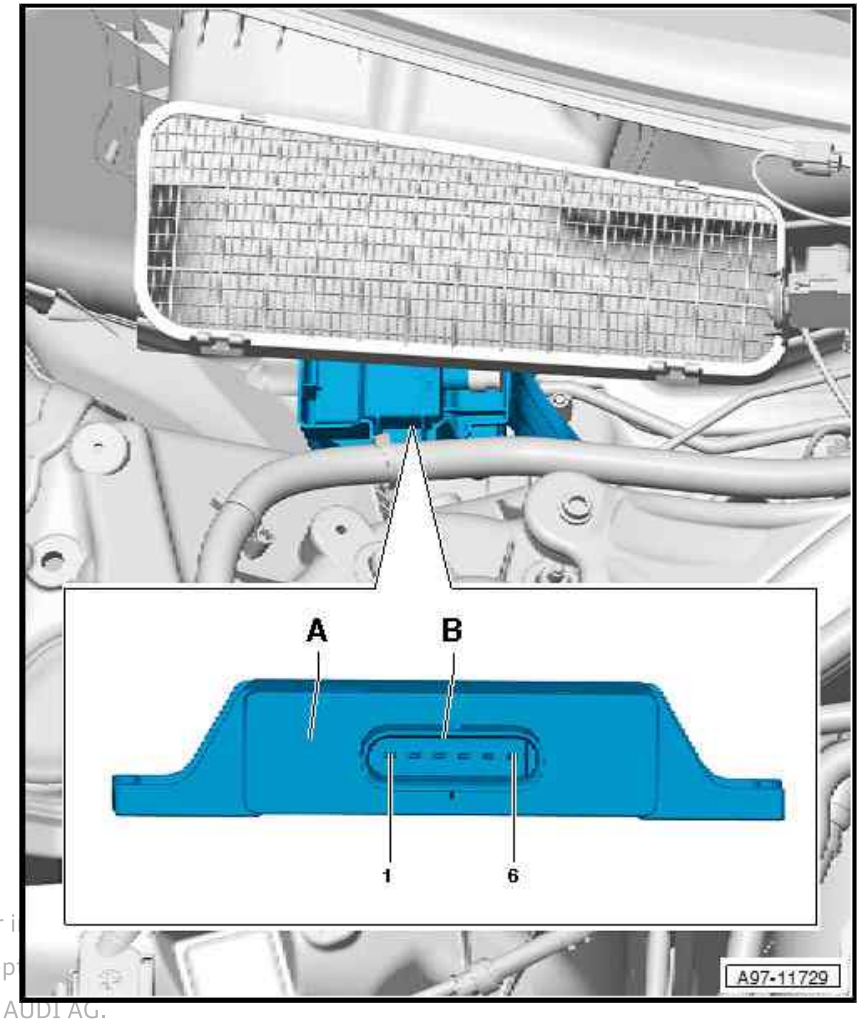
Fitting location

On right in plenum chamber -A-.

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A - Control unit for structure-borne sound -J869-

B - 6-pin connector -T6bw- , black



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Connector assignment, control unit for structure-borne sound -J869-

-T6bw- (B)	Designation		-T6bw- (B)	Designation
1	Actuator for structure-borne sound -R214-		4	Terminal 31, to (366) earth connection 1 in main wiring harness (44) Earth point on lower part of left A-pillar
2	Actuator for structure-borne sound -R214-		5	Powertrain CAN bus, low (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness Data bus diagnostic interface -J533-

-T6bw- (B)	Designation		-T6bw- (B)	Designation
3	Terminal 15, from B279 positive connection 3 (15a) in main wiring harness Fuse holder B -SB-		6	Powertrain CAN bus, high B383 Connection 1 (powertrain CAN bus, high), in main wiring harness Data bus diagnostic interface -J533-

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1.28 Fitting location Automatic anti-dazzle interior mirror -Y7- with light sensor -G399-

Fitting location

At front of roof side member.

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1 - Camera control unit -J852-

- ❑ Fitting location and connectors ⇒ page 36

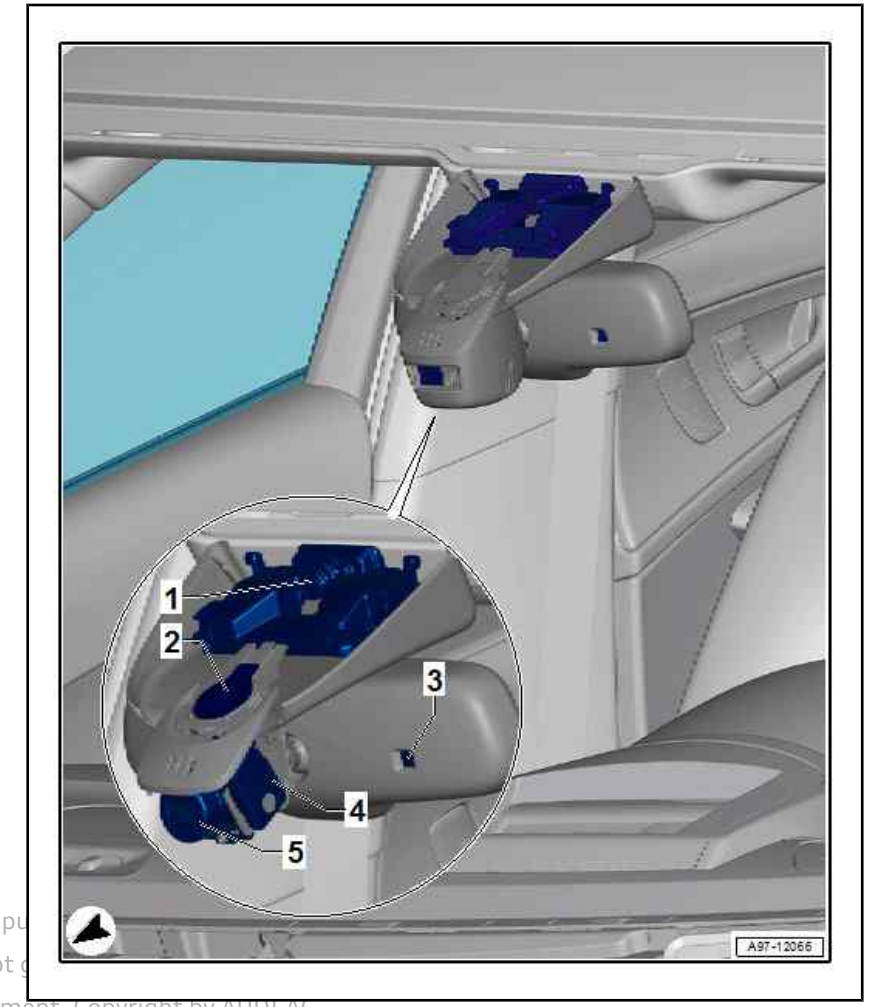
2 - Rain and light sensor -G397-

3 - Automatic anti-dazzle interior mirror -Y7-

- ❑ with light sensor -G399- , rain and light sensor -G397-

4 - Humidity sender -G355-

5 - Main beam assist control unit -J844-



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1.29 Fitting location of control unit in dash panel insert -J285-

Fitting location

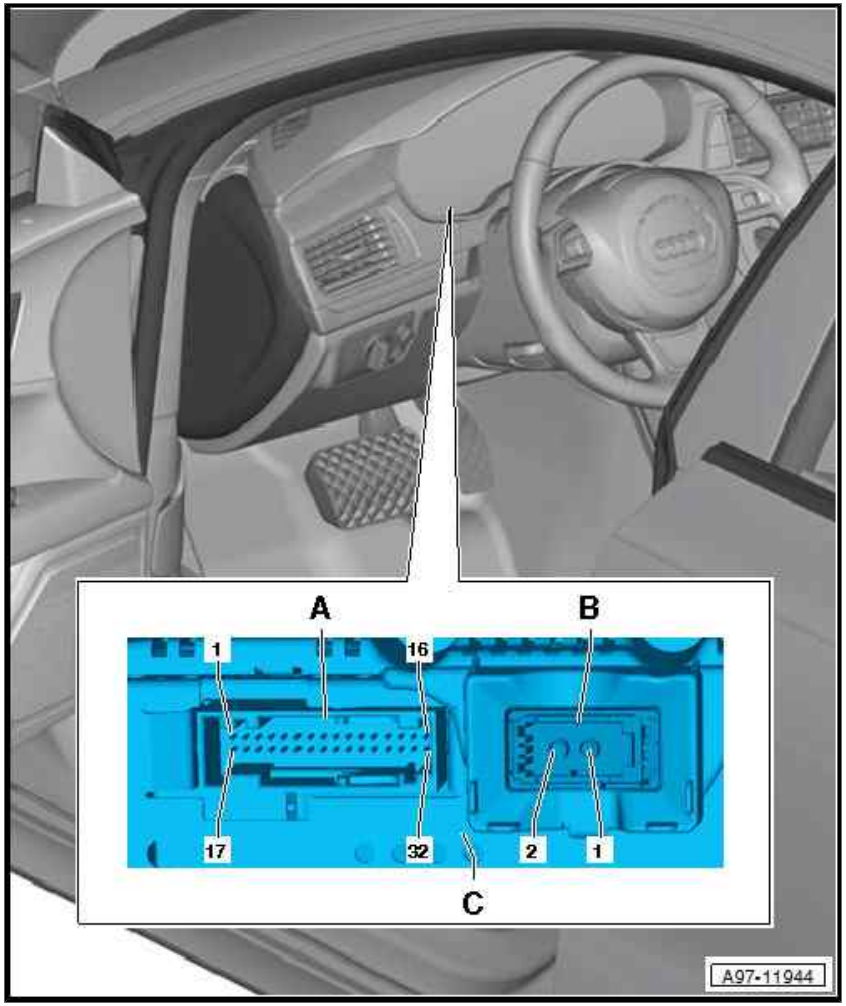
In driver side dash panel -C-.

A - 32-pin connector -T32- , blue

B - 2-pin connector -T2bm- , MOST bus, black

C - Control unit in dash panel insert -J285-

- ❑ with fuel gauge -G1- , display in dash panel insert -Y24- , main beam warning lamp -K1- , ABS warning lamp -K47- , warning lamp for left turn signal -K261- , airbag warning lamp -K75- , diesel electronics warning lamp -K104- , engine electronics warning lamp -K149- , warning lamp for right turn signal -K262-



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1.30 Fitting location of control unit for electrically adjustable steering column -J866-

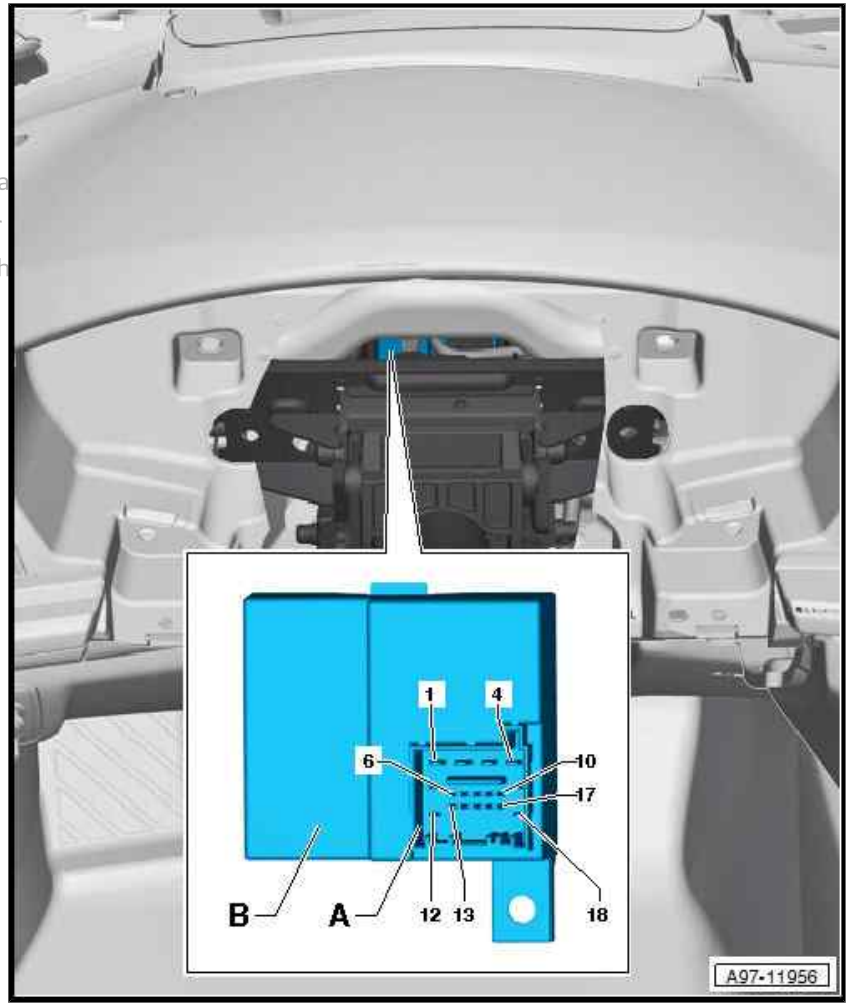
Fitting location

On steering column -B-.

A - 18-pin connector -T18d- , black

B - Control unit for electrically adjustable steering column -J866-

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Connector assignment for control unit for electrically adjustable steering column -J866-

-T18d- (A)	Designation		-T18d- (A)	Designation
1	Steering column axial adjustment motor -V124-		10	Steering column vertical adjustment sender -G357-
2	B730 Connection, in wiring harness for steering column adjustment Steering column axial adjustment motor -V124-		11	Steering column axial adjustment sender -G358-
3	Terminal 31, to 81 earth connection 1 in dash panel wiring harness 45 Earth point, centre behind dash panel		12	
4	Terminal 30, from fuse holder C -SC-		13	
5	Steering column vertical adjustment motor -V123-		14	
6			15	Steering column adjustment switch -E167-
7	LIN bus, to onboard supply control unit -J519-		16	
8			17	Steering column axial adjustment sender -G358-
9	Steering column adjustment switch -E167-		18	Steering column vertical adjustment sender -G357-

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1.31 Fitting location of radiator fan control unit -J293- / radiator fan control unit 2 -J671-

Fitting location

At front of radiator.

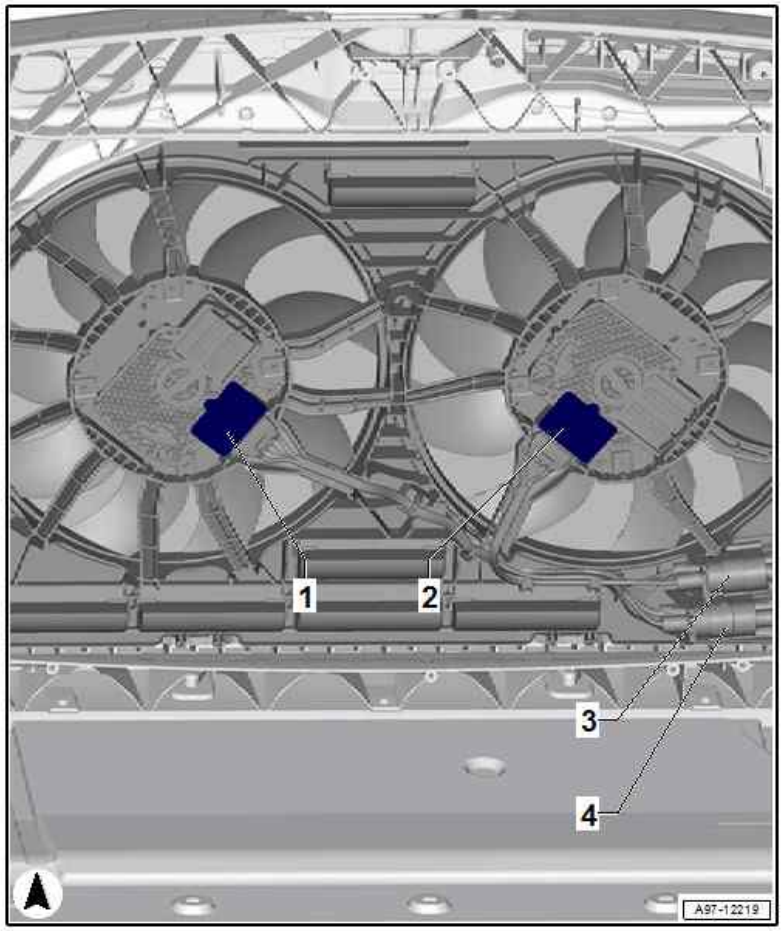
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1 - Radiator fan control unit -J293-
- ❑ Radiator fan -V7-

2 - Radiator fan control unit 2 -J671-
- ❑ Radiator fan 2 -V177-

3 - 4-pin connector -T4bg- , black

4 - 4-pin connector -T4bf- , black



Connector assignment Radiator fan control unit -J293- Radiator fan control unit 2 -J671-

-T4bg- (3)	Designation		-T4bf- (4)	Designation
1	Terminal 30 from terminal 30 wiring junction -TV2- Radiator fan single fuse -S42-		1	Terminal 30 from terminal 30 wiring junction -TV2- Radiator fan fuse for 2nd speed -S104-

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-T4bg- (3)	Designation		-T4bf- (4)	Designation
2	Terminal 87, from K21 connection 1 in radiator fan wiring harness Fuse holder A -SA- [1] Thermal management control unit -J1024- [2]		2	Terminal 87, from K21 connection 1 in radiator fan wiring harness Fuse holder A -SA- [1] Thermal management control unit -J1024- [2]
3	Engine control unit -J623- [1] Thermal management control unit -J1024- [2]		3	Engine control unit -J623- [1] Thermal management control unit -J1024- [2]
4	Terminal 31, to 685 earth point 1 on front of right side member		4	Terminal 31, to 685 earth point 1 on front of right side member

[1] Models without high-voltage system only (0K3), from calendar week 47/2016

[2] Models with high-voltage system only (0K3), from calendar week 47/2016

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1.32 Fitting location of control units on front headlight -MX1- / -MX2-

⇒ “1.32.1 Fitting location of control units on front headlight MX1 / MX2 , gas discharge headlight, up to model year 2014”, page 51

⇒ “1.32.2 Fitting location of control units on front headlight MX1 / MX2 , gas discharge headlight, from model year 2015”, page 53

⇒ “1.32.3 Fitting location of control units on front headlight MX1 / MX2 , LED headlight, up to model year 2014”, page 54

⇒ “1.32.4 Fitting location of control units on front headlight MX1 / MX2 , LED headlight, from model year 2015”, page 56

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1.32.1 Fitting location of control units on front headlight -MX1- / -MX2- , gas discharge headlight, up to model year 2014

Fitting location

At headlight.

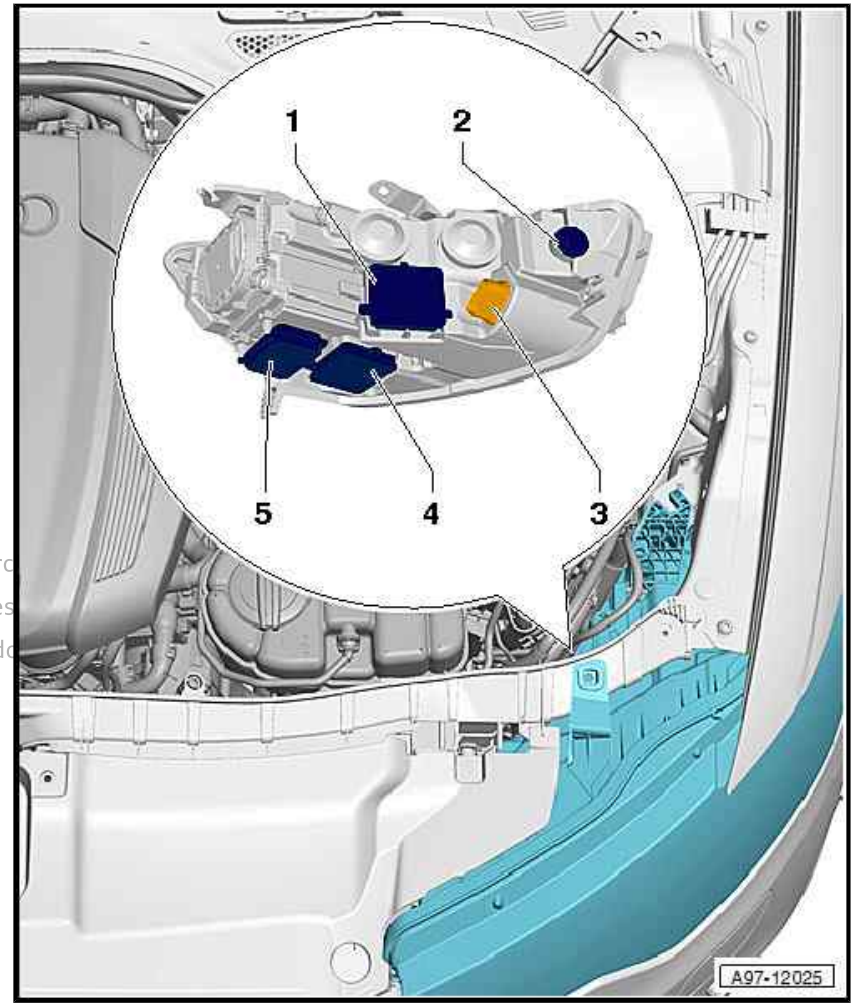
1 - Control unit for left daytime running light and side light -J860- / control unit for right daytime running light and side light -J861-

2 - Breather

3 - 14-pin connector -T14c- / 14-pin connector -T14d- , black

4 - Left gas discharge bulb control unit -J343- / right gas discharge bulb control unit -J344-

5 - Output module for left headlight -J667- / output module for right headlight -J668-



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1.32.2 Fitting location of control units on front headlight -MX1- / -MX2- , gas discharge headlight, from model year 2015

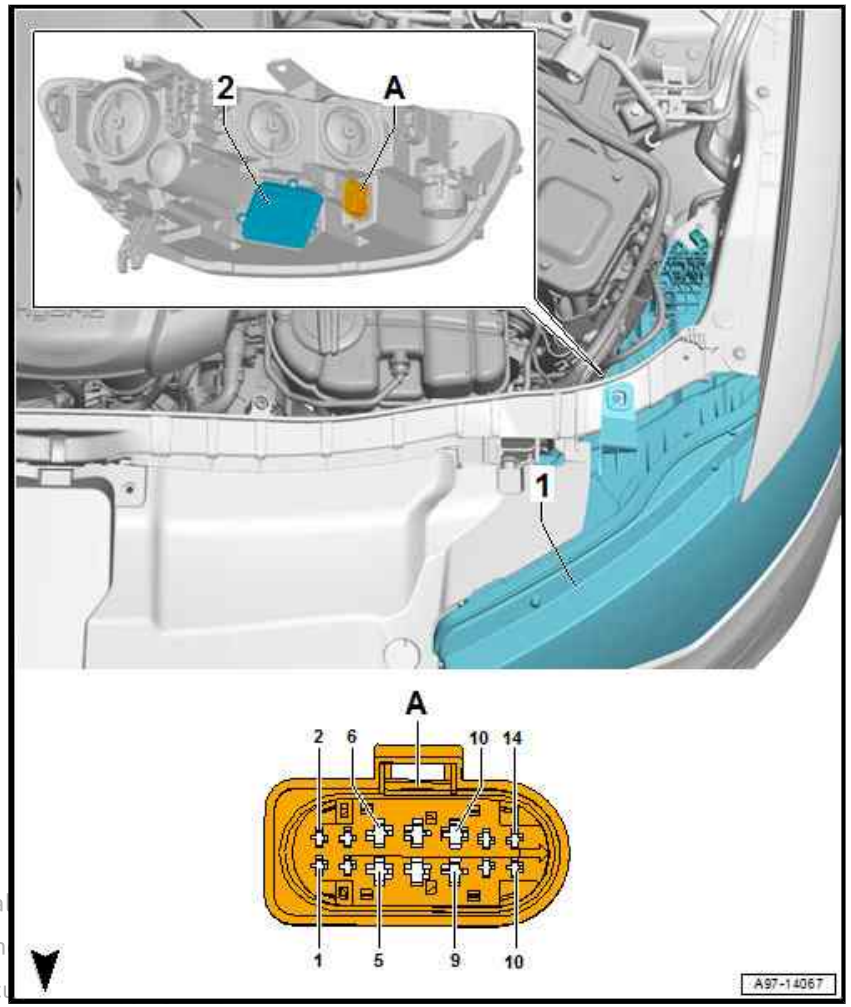
Fitting location

At headlight.

1 - Front left headlight -MX1- / front right headlight -MX2-

2 - Control unit for left daytime running light and side light -J860- / control unit for right daytime running light and side light -J861-

A - 14-pin connector -T14c- / 14-pin connector -T14d- , black



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Connector assignment, headlight -MX1- / -MX2-

-T14c- (A)	Designation		-T14d- (A)	Designation
1	Onboard supply control unit -J519-		1	Onboard supply control unit -J519-

-T14c- (A)	Designation		-T14d- (A)	Designation
2	Onboard supply control unit -J519-		2	Onboard supply control unit -J519-
3	Onboard supply control unit -J519-		3	Onboard supply control unit -J519-
4	Onboard supply control unit -J519-		4	Onboard supply control unit -J519-
5	Terminal 31, to (44) earth point at bottom of right A-pillar		5	Terminal 31, to (43) earth point on right A-pillar, bottom
6	Onboard supply control unit -J519-		6	Onboard supply control unit -J519-
7	Terminal 31, to (44) earth point at bottom of right A-pillar		7	Terminal 31, to (43) earth point on right A-pillar, bottom
8			8	
9	Onboard supply control unit -J519-		9	Onboard supply control unit -J519-
10	Onboard supply control unit -J519-		10	Onboard supply control unit -J519-
11	Onboard supply control unit -J519-		11	Onboard supply control unit -J519-
12	Onboard supply control unit -J519-		12	Onboard supply control unit -J519-
13	Onboard supply control unit -J519-		13	Onboard supply control unit -J519-
14	Onboard supply control unit -J519-		14	Onboard supply control unit -J519-

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1.32.3 Fitting location of control units on front headlight -MX1- / -MX2- , LED headlight, up to model year 2014

Fitting location

At headlight.

1 - Output module 3 for left LED headlight -A33- / output module 3 for right LED headlight -A29-

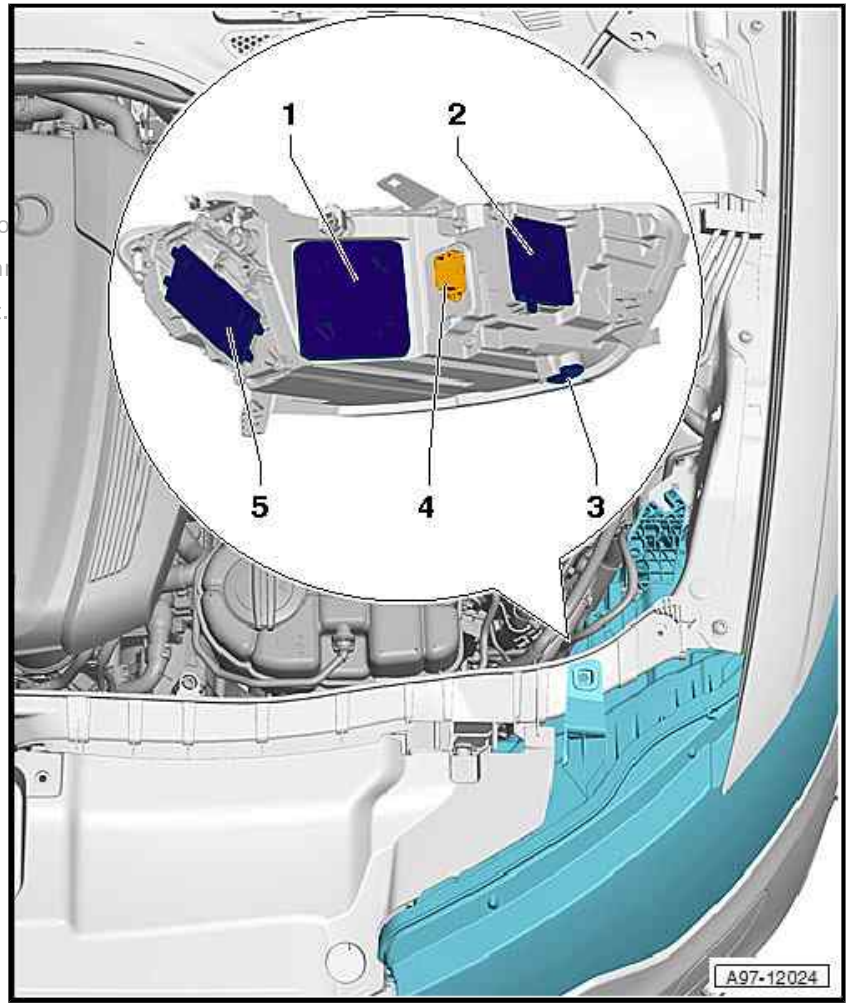
2 - Output module 2 for left LED headlight -A32- / output module 2 for right LED headlight -A28-

3 - Breather

4 - 16-pin connector -T16b- / 16-pin connector -T16k- , black

5 - Output module 4 for left LED headlight -A34- / Output module 4 for right LED headlight -A30- / Output module 1 for left LED headlight -A31- / Output module 1 for right LED headlight -A27-

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1.32.4 Fitting location of control units on front headlight -MX1- / -MX2- , LED headlight, from model year 2015

Fitting location

At headlight.

1 - Front left headlight -MX1- / front right headlight -MX2-

2 - Output module 2 for left LED headlight -A32- / output module 2 for right LED headlight -A28-

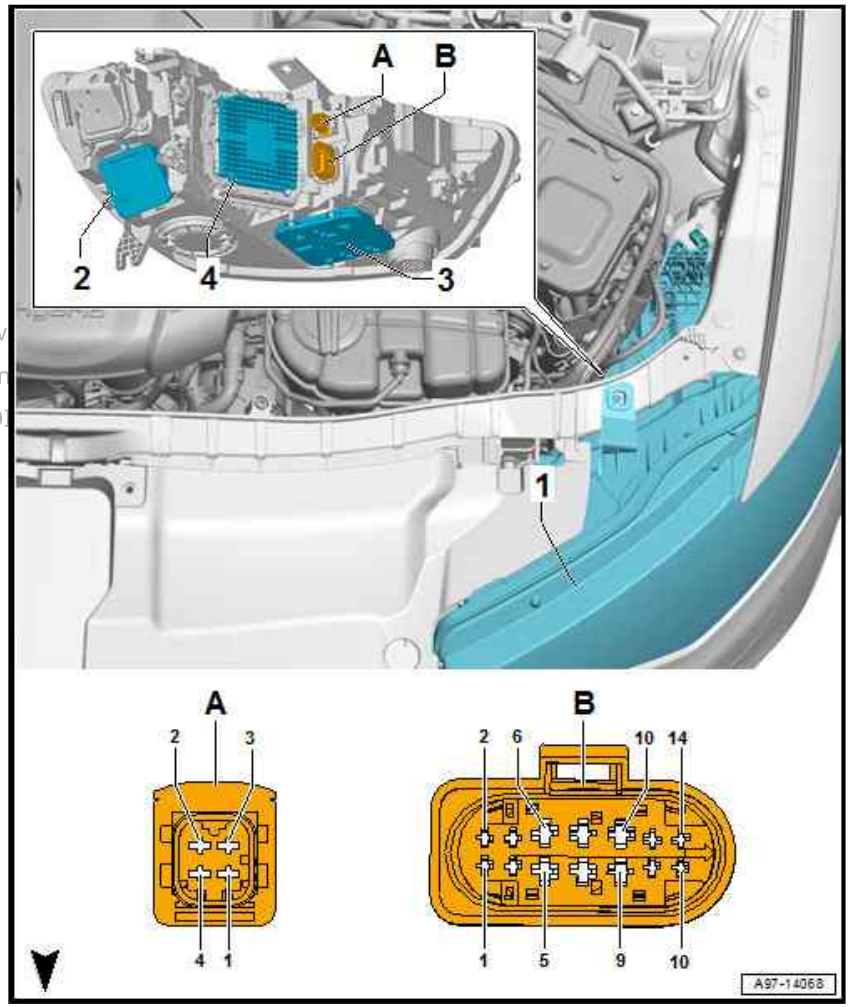
3 - Output module for left matrix headlight -A44- / output module for right matrix headlight -A45-

4 - Output module 1 for left LED headlight -A31- / output module 1 for right LED headlight -A27-

A - 4-pin connector -T4gf- 4-pin connector -T4gg-

B - 14-pin connector -T14c- / 14-pin connector -T14d-, black

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Connector assignment, headlight -MX1- / -MX2-

-T4gf- (A)	Designation		-T4gg- (A)	Designation
1	Onboard supply control unit -J519- 1)		1	Onboard supply control unit -J519- 1)

-T4gf- (A)	Designation		-T4gg- (A)	Designation
2	Comfort system central control unit -J393- 2)		2	Comfort system central control unit -J393- 2)
3			3	
4	Terminal 31, to (44) earth point at bottom of left A-pillar 2)		4	Terminal 31, to (43) earth point on right A-pillar, bottom 2)

1) LED headlights without matrix beam

2) LED headlights with matrix beam

-T14c- (B)	Designation		-T14d- (B)	Designation
1	Onboard supply control unit -J519-		1	Onboard supply control unit -J519-
2	Onboard supply control unit -J519-		2	Onboard supply control unit -J519-
3	Onboard supply control unit -J519-		3	Onboard supply control unit -J519-
4	Onboard supply control unit -J519-		4	Onboard supply control unit -J519-
5	Terminal 31, to (44) earth point at bottom of right A-pillar		5	Terminal 31, to (43) earth point on right A-pillar, bottom
6	Onboard supply control unit -J519-		6	Onboard supply control unit -J519-
7	Terminal 31, to (44) earth point at bottom of right A-pillar		7	Terminal 31, to (43) earth point on right A-pillar, bottom
8	Terminal 30, from fuse carrier 1 -ST1- in fuse holder B -SB-		8	Terminal 30, from fuse carrier 1 -ST1- in fuse holder B -SB-
9	Onboard supply control unit -J519-		9	Onboard supply control unit -J519-
10	Onboard supply control unit -J519-		10	Onboard supply control unit -J519-
11	Onboard supply control unit -J519-		11	Onboard supply control unit -J519-
12	Onboard supply control unit -J519-		12	Onboard supply control unit -J519-
13	CAN bus high, to (C67) connection (CAN bus high) in headlight wiring harness		13	CAN bus high, to (C67) connection (CAN bus high) in headlight wiring harness
14	CAN bus low, to (C68) connection (CAN bus low) in headlight wiring harness		14	CAN bus low, to (C68) connection (CAN bus low) in headlight wiring harness

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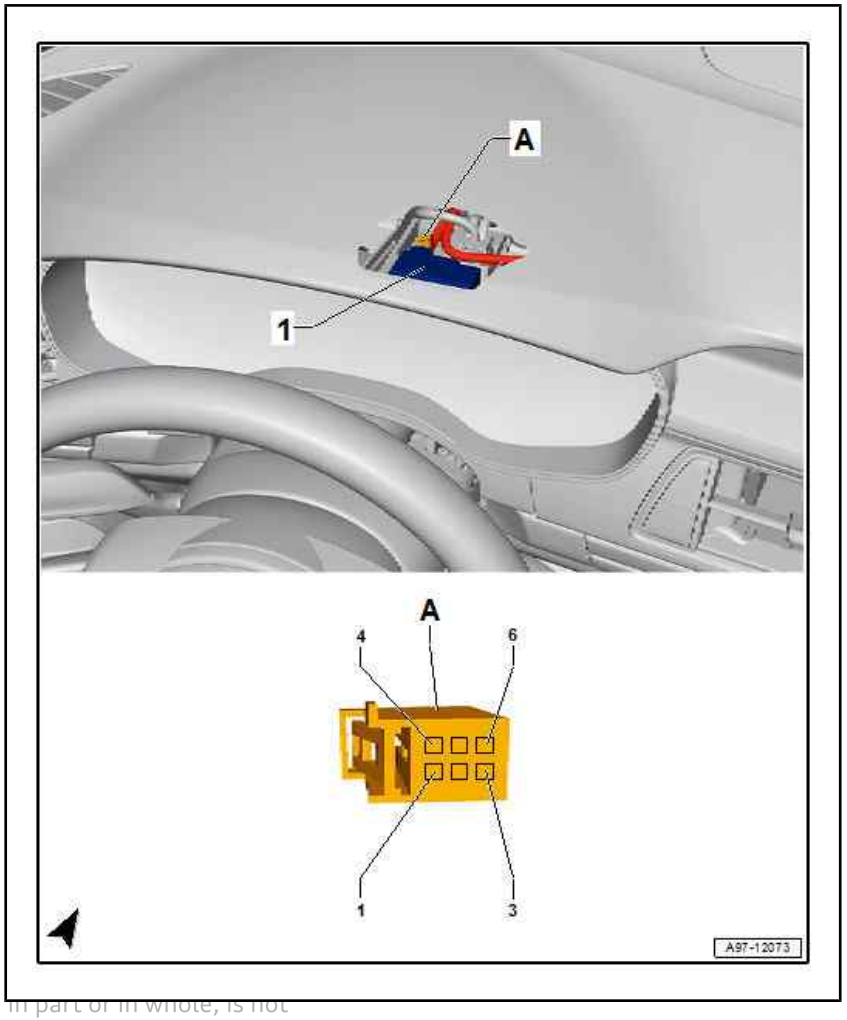
1.33 Fitting location of control unit for electronic steering column lock -J764-

Fitting location

On steering column -1-.

1 - Control unit for electronic steering column lock -J764-

A - 6-pin connector -T6p- , black



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Connector assignment of control unit for electronic steering column lock -J764-

-T6p- (A)	Designation		-T6p- (A)	Designation
1	Terminal 15 from comfort system central control unit -J393-		4	Convenience system central control unit -J393-
2	Onboard supply control unit -J519-		5	LIN bus, (A209) connection 1 (LIN bus) in dash panel wiring harness Convenience system central control unit -J393-
3	Terminal 31, to (199) earth connection 3 in dash panel wiring harness (45) Earth point, centre behind dash panel		6	Terminal 30, from fuse holder C -SC-

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1.34 Fitting location Sliding sunroof adjustment control unit -J245- , panorama sunroof

Fitting location

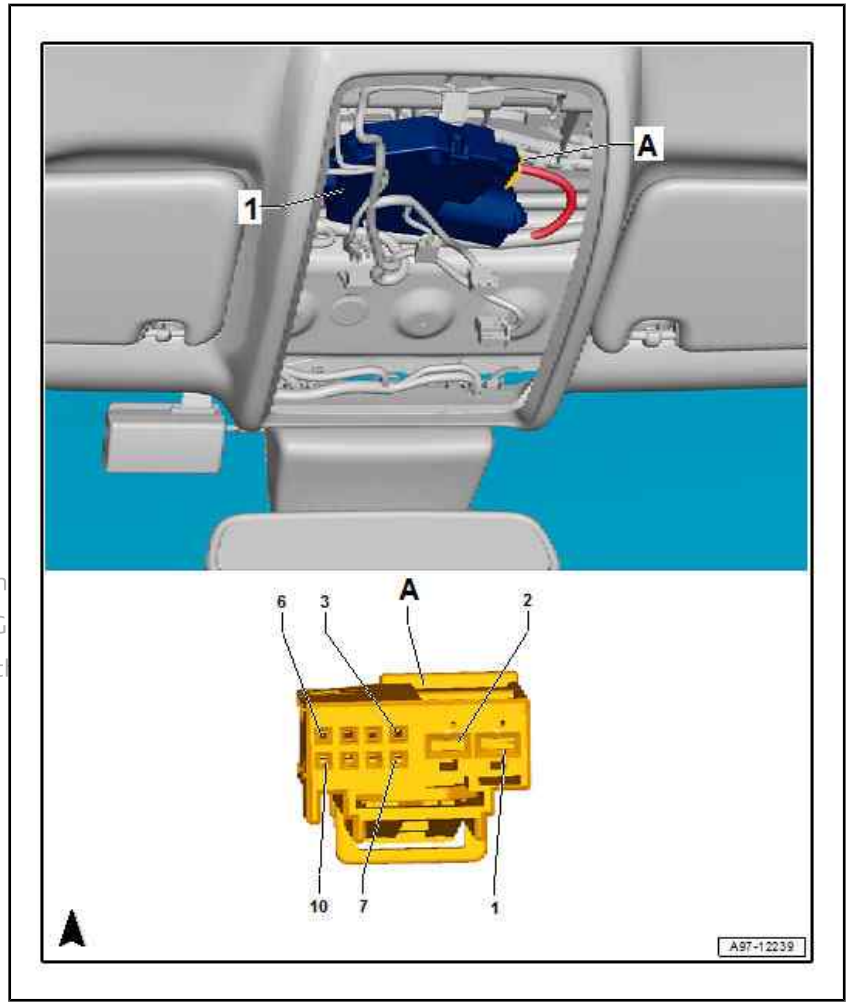
Behind front interior light -W1- -1-.

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1 - Sliding sunroof adjustment control unit -J245- , panorama sunroof

- ❑ with sliding sunroof motor -V1-

A - 10-pin connector -T10ap- , black



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Connector assignment Sliding sunroof adjustment control unit -J245- , panorama sunroof

-T10ap- (A)	Designation		-T10ap- (A)	Designation
1	LIN bus, B577 (LIN bus) connection, in roof wiring harness B699 Connection 4 (LIN bus) in main wiring harness Convenience system central control unit -J393-		6	Sunroof button -E325-
2			7	Sunroof button -E325-
3	Sunroof button -E325-		8	

-T10ap- (A)	Designation		-T10ap- (A)	Designation
4	Sunroof button -E325-		9	Terminal 31, to 178 earth connection in sliding sunroof wiring harness Earth connection 4 in main wiring harness 44 Earth point on lower part of left A-pillar
5	6-pin connector -T6g-		10	Terminal 30, from fuse holder B -SB-

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1.35 Fitting location of fresh air blower control unit -J126-

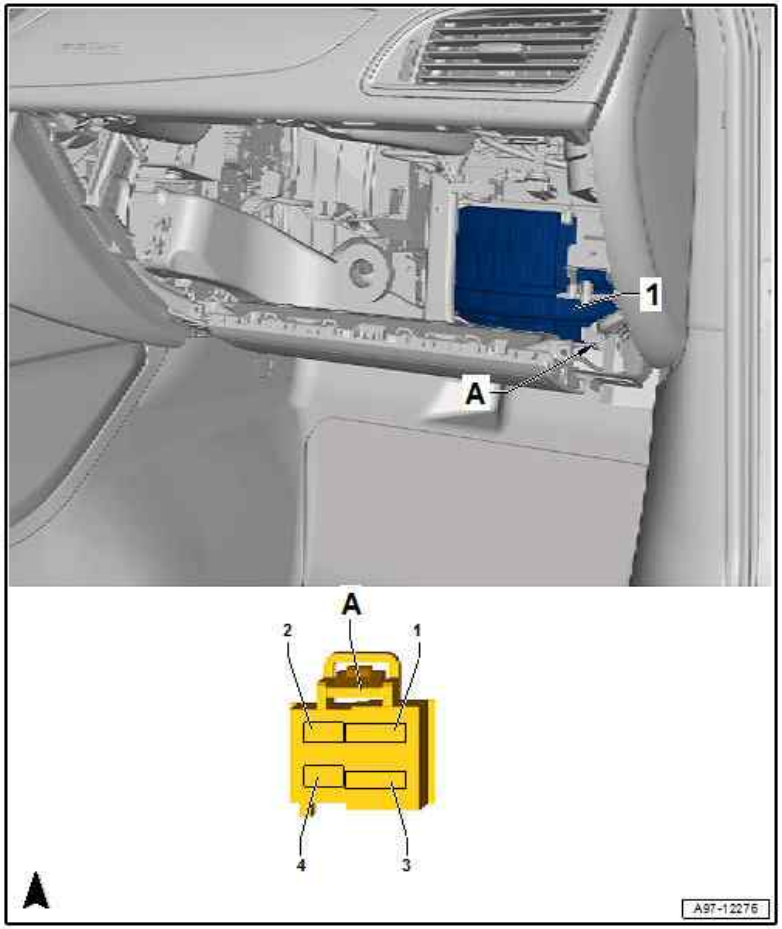
Fitting location

Behind glove compartment -1-.

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1 - Fresh air blower control unit -J126-

A - 4-pin connector -T4cb- , black



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Connector assignment, fresh air blower control unit -J126-

-T4cb- (A)	Designation
1	Terminal 31, to (81) earth connection 1 in dash panel wiring harness (45) Earth point, centre behind dash panel
2	
3	Terminal 30, from fuse holder C -SC-

-T4cb- (A)	Designation
4	Climatronic control unit -J255-

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1.36 Fitting location Active steering motor -V477- / Active steering safety lock actuator -F437-

Fitting location

On steering column -1- and -2-.

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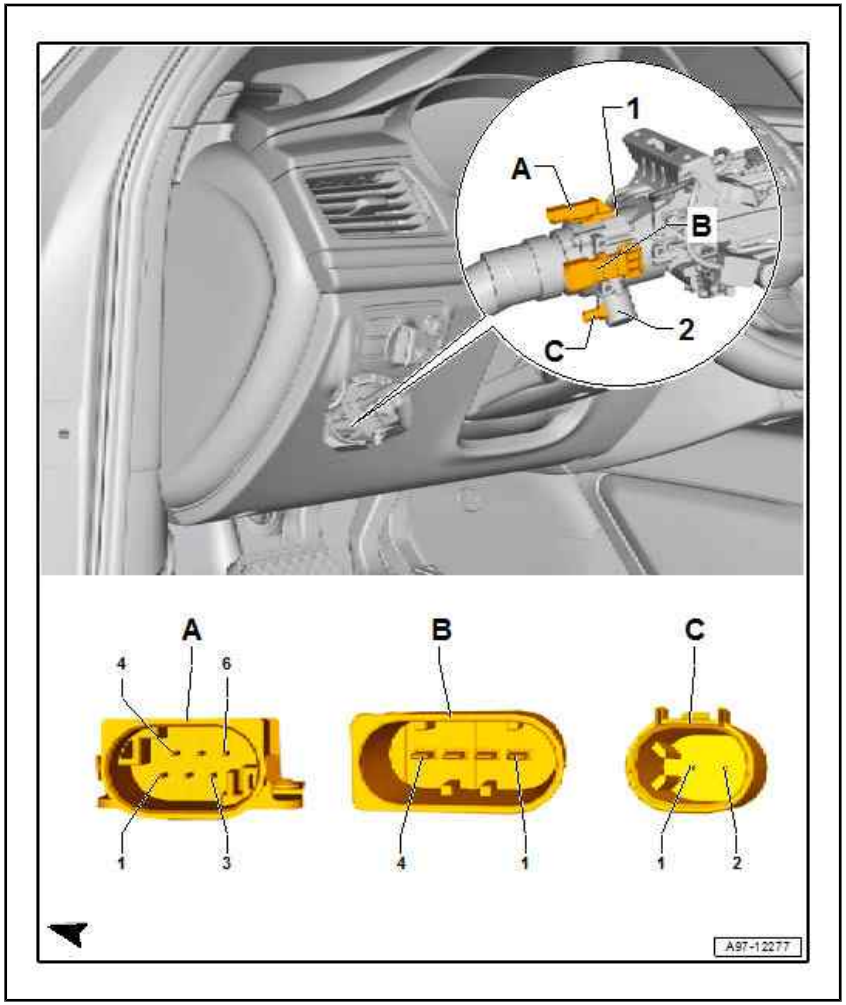
1 - Active steering motor -V477-

2 - Active steering safety lock actuator -F437-

A - 6-pin connector -T6m- , black

B - 4-pin connector -T4ag- , black

C - 2-pin connector -T2bk- , black



Connector assignment Active steering motor -V477- / Active steering safety lock actuator -F437-

-T6m (A)	Designation		-T6m (A)	Designation
1	Active steering control unit -J792-		4	Active steering control unit -J792-
2	Active steering control unit -J792-		5	Active steering control unit -J792-

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-T6m (A)	Designation		-T6m (A)	Designation
3	Active steering control unit -J792-		6	Active steering control unit -J792-

-T4ag (B)	Designation		-T2b (C)	Designation
1	Active steering control unit -J792-		1	Active steering control unit -J792-
2	Active steering control unit -J792-		2	Active steering control unit -J792-
3	Active steering control unit -J792-			
4	Terminal 31, shield earth			

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1.37 Fitting location of catalytic converter heater control unit 1 -J1021-

Fitting location

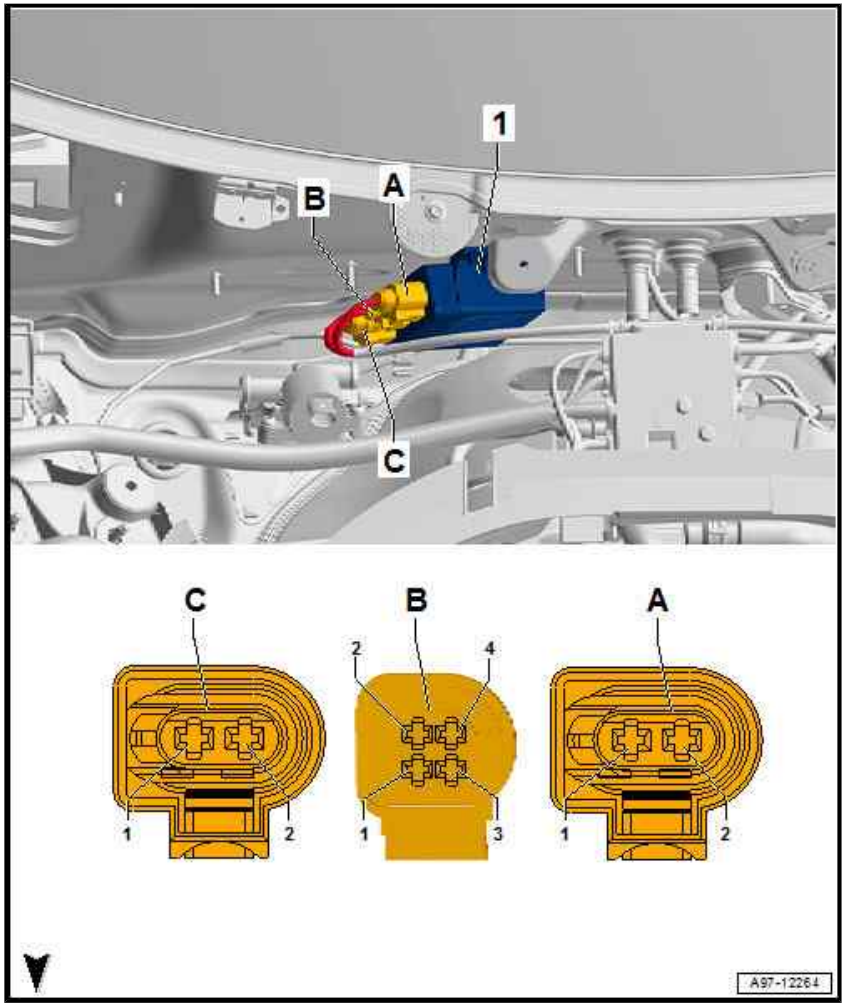
At centre in plenum chamber -1-.

1 - Catalytic converter heater control unit 1 -J1021-

A - 2-pin connector -T2qc- , black

B - 4-pin connector -T4gk- , black

C - 2-pin connector -T2qb- , brown



Connector assignment, catalytic converter heater control unit 1 -J1021-

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-T4gk- (B)	Designation		-T4gk- (B)	Designation
1	Powertrain CAN bus, high E123 Connection 1 (powertrain CAN bus, high) in engine wiring harness		3	Powertrain CAN bus, low E124 Connection 1 (powertrain CAN bus, low) in engine wiring harness
2	Terminal 31, to 714 earth point on right on engine		4	Terminal 87, from D181 connection 2 (87a) in engine compartment wiring harness

-T2qc- (A)	Designation		-T2qb- (C)	Designation
1	Catalytic converter heater 1 -Z119-		1	Terminal 30 wiring junction -TV2- Catalytic converter heater fuse -S351-
2	Catalytic converter heater 2 -Z120-		2	Terminal 30 wiring junction -TV2- Catalytic converter heater fuse 2 -S354-

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1.38 Fitting location Control unit 1 for information electronics -J794- , MMI Navigation plus, 7T6, up to model year 2014

Fitting location

At centre of dash panel -1-.

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1 - Control unit 1 for information electronics -J794-

A - 2-pin connector -T2at- , GSM, Bordeaux, Roof aerial -R216- , Telephone aerial -R65-

B - Quad connector

C - 8-pin connector -T8g- , black

D - 12-pin connector -T12f- , green

E - 12-pin connector -T12g- , blue

F - 8-pin connector -T8h- , brown

G - 2-pin connector -T2aw- , MOST bus, black

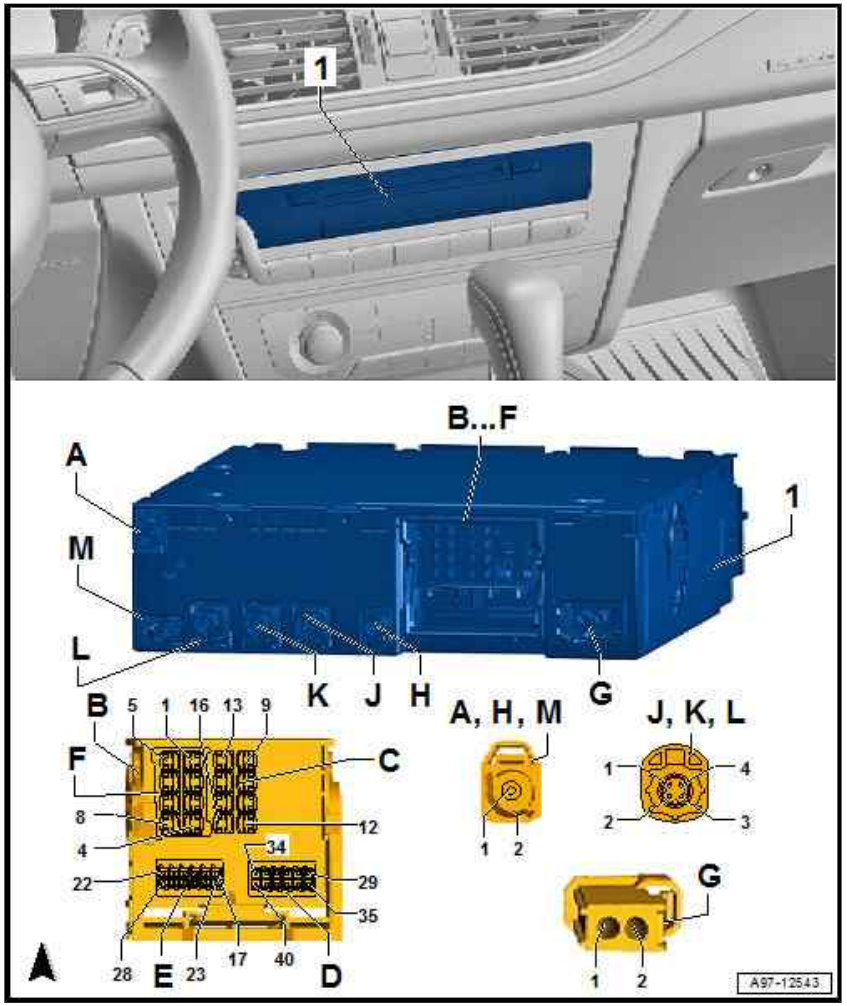
H - 2-pin connector -T2as- , FBAS, green, TV tuner -R78- / DVD chamber -R161-

J - 4-pin connector -T4dc- , grey, display unit for front information display and operating unit control unit -J685-

K - 4-pin connector -T4aa- , brown, connection for external audio sources -R199-

L - not assigned

M - 2-pin connector -T2au- , GPS, blue, roof aerial -R216- , GPS aerial -R50-



Connector assignment, control unit 1 for information electronics -J794-

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-T8g- (C)	Designation		-T8h- (F)	Designation
9	Telephone bracket -R126-		1	
10	Multimedia system operating unit -E380-		2	
11	Multimedia system operating unit -E380-		3	Multimedia system operating unit -E380-

-T8g- (C)	Designation		-T8h- (F)	Designation
12	Terminal 31, to (372) earth connection 7 in main wiring harness (687) Earth point 1 on centre tunnel		4	
13	Telephone bracket -R126-		5	Telephone bracket -R126- (B478) connection 14 in main wiring harness Chip card reader control unit -J676- , Japan only
14	Multimedia system operating unit -E380-		6	Multimedia system operating unit -E380-
15	Terminal 30, from (B318) positive connection 4 (30a) in main wiring harness Fuse holder C -SC-		7	Ringbreak diagnosis wiring (B444) Connection 1 (diagnosis), in main wiring harness
16			8	

-T12g- (E)	Designation		-T12f- (D)	Designation
1			1	Connection for external audio sources -R199-
2	Front right microphone -R141-		2	Connection for external audio sources -R199-
3	Front right microphone -R141-		3	Connection for external audio sources -R199-
4	Chip card reader control unit -J676- , Japan only		4	Connection for external audio sources -R199-
5	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-		5	Connection for external audio sources -R199-
6	Chip card reader control unit -J676- , Japan only		6	Connection for external audio sources -R199-
7			7	Connection for external audio sources -R199-
8	Left front microphone -R140-		8	Screen earth Connection for external audio sources -R199-
9	Left front microphone -R140-		9	Connection for external audio sources -R199-
10	Chip card reader control unit -J676- , Japan only		10	Connection for external audio sources -R199-
11	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-		11	Connection for external audio sources -R199-
12	Chip card reader control unit -J676- , Japan only		12	Connection for external audio sources -R199-

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1.39 Fitting location of control unit 1 for information electronics -J794- , MMI Navigation plus, 7UG, from model year 2015

Fitting location

At centre of dash panel -1-.

1 - Control unit 1 for information electronics -J794-

A - 1-pin connector -T2at- , LTE, Bordeaux, LTE aerial 2 -R297-

B - 2-pin connector -T2ax- , DAB, black, Aerial amplifier 3 -R112- , Digital radio aerial -R183-

B - 2-pin connector -T2av- , SAT, brown, Roof aerial -R216- , Satellite aerial -R170- , USA only

C - Quad connector

D - 8-pin connector -T8f- , black

E - 12-pin connector -T12d- , grey

F - 12-pin connector -T12f- , green

G - 12-pin connector -T12g- , blue

H - 8-pin connector -T8e- , brown

J - 2-pin connector -T2aw- , MOST bus, black

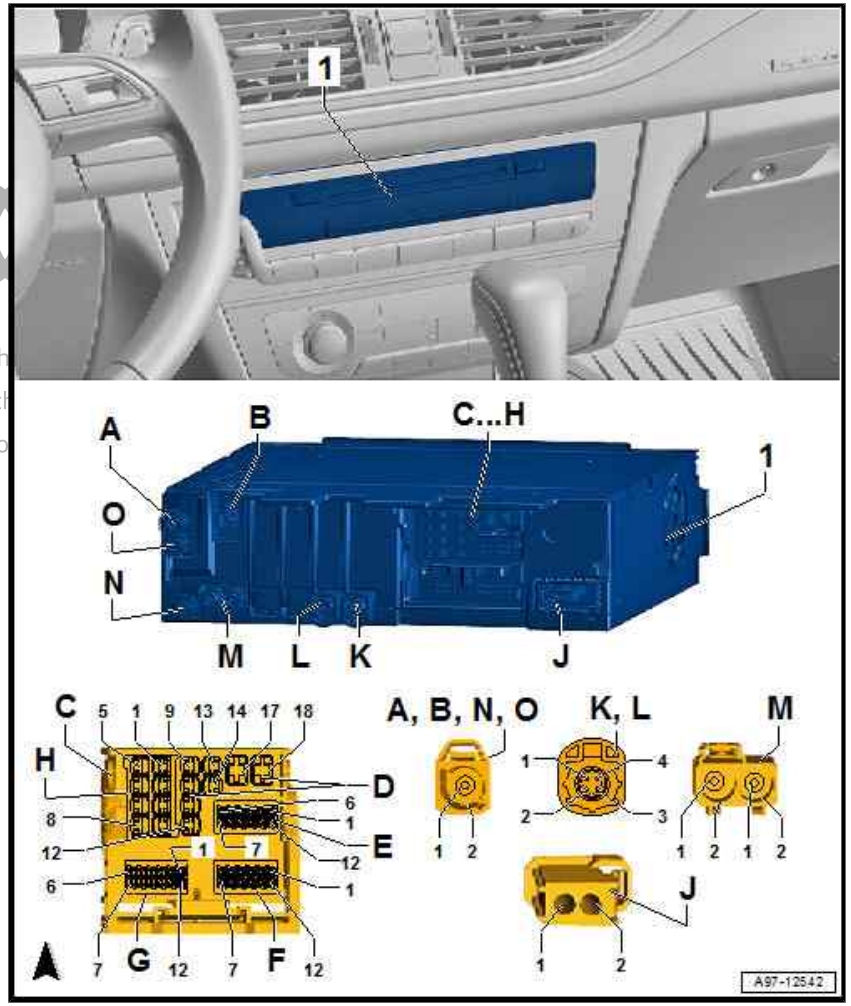
K - 4-pin connector -T4df- , grey, display unit for front information display and operating unit control unit -J685-

L - 5-pin connector -T5bq- , brown, USB connection holder -R193-

M - 4-pin connector -T4ab- , AM/FM, white, Aerial amplifier -R24- / Aerial amplifier 2 -R111-

N - 2-pin connector -T2au- , GPS, blue, roof aerial -R216- , GPS aerial -R50-

O - 2-pin connector -T2at- , LTE, Bordeaux, LTE aerial 2 -R306-



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Connector assignment, control unit 1 for information electronics -J794-

-T8f- (D)	Designation		-T8e- (H)	Designation
9	Subwoofer -R211-		1	Rear right treble loudspeaker -R16- Rear right bass loudspeaker -R17-
10	Centre loudspeaker -R208-		2	Front right loudspeaker -R3- Front right bass loudspeaker -R23-
11			3	Front left loudspeaker -R2- Front left bass loudspeaker -R21-
12			4	Rear left treble loudspeaker -R14- Rear left bass loudspeaker -R15-
13	Subwoofer -R211-		5	Rear right treble loudspeaker -R16- Rear right bass loudspeaker -R17-
14	Centre loudspeaker -R208-		6	Front right loudspeaker -R3- Front right bass loudspeaker -R23-
17	Terminal 31, to (372) earth connection 7 in main wiring harness (687) Earth point 1 on centre tunnel		7	Front left loudspeaker -R2- Front left bass loudspeaker -R21-
18	Terminal 30, from fuse holder F -SF-		8	Rear left treble loudspeaker -R14- Rear left bass loudspeaker -R15-

-T12d- (E)	Designation		-T12f- (F)	Designation
1	Display unit for front information display and operating unit control unit -J685-		1	Connection for external audio sources -R199-
2	Multimedia system operating unit -E380-		2	Connection for external audio sources -R199-
3	Ring break diagnosis wiring (B444) Connection 1 (diagnosis), in main wiring harness		3	Connection for external audio sources -R199-
4	Multimedia system operating unit -E380-		4	
5	Telephone bracket -R126- (B478) connection 14 in main wiring harness		5	
6	Dash panel insert CAN bus, high (B708) Connection 1 (dash panel insert CAN bus, high), in main wiring harness		6	
7	Display unit for front information display and operating unit control unit -J685-		7	Connection for external audio sources -R199-
8	Multimedia system operating unit -E380-		8	Screen earth
9	Multimedia system operating unit -E380-		9	
10	Multimedia system operating unit -E380-		10	

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-T12d- (E)	Designation		-T12f- (F)	Designation
11	Telephone bracket -R126-		11	
12	Dash panel insert CAN bus, low B709 Connection 1 (dash panel insert CAN bus, low), in main wiring harness		12	

-T12g- (G)	Designation		-T12g- (G)	Designation
1	Left front microphone -R140-		7	Left front microphone -R140-
2	Front right microphone -R141-		8	Front right microphone -R141-
3			9	
4			10	
5			11	
6	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-		12	Reversing camera system control unit -J772- Control unit for overhead view camera -J928-

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1.40 Fitting location of seat and steering column adjustment control unit with memory -J136-

Fitting location

In bottom of seat -1-.

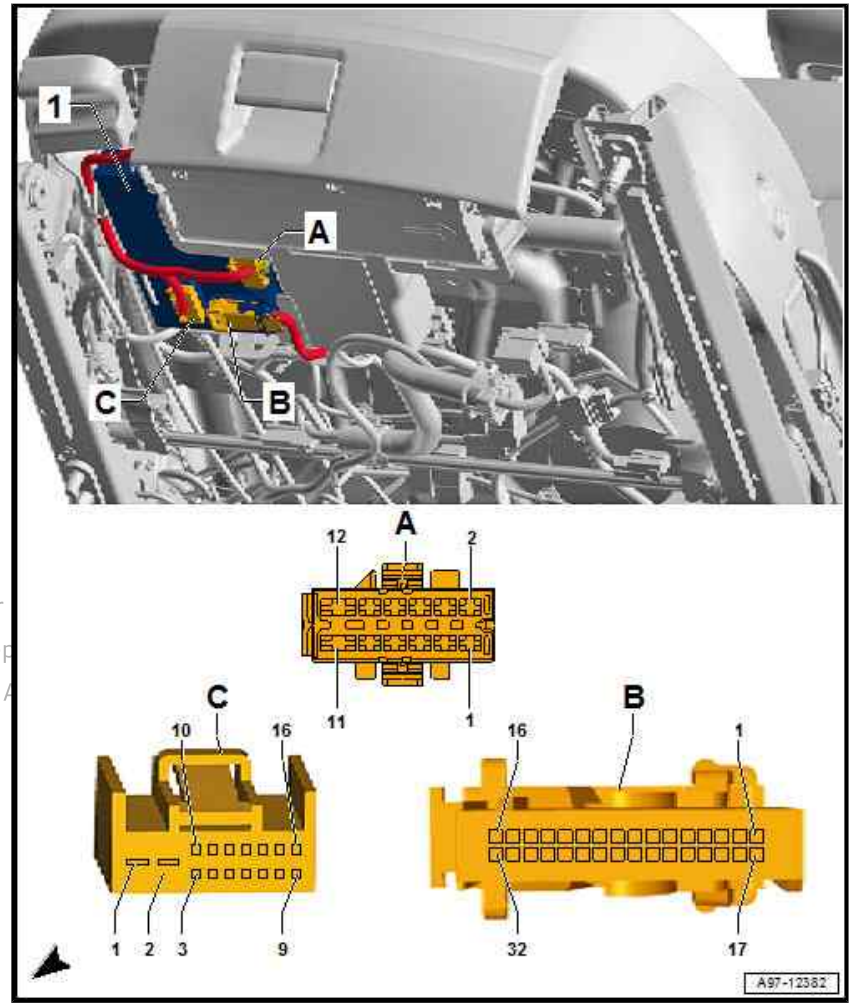
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1 - Seat and steering column adjustment control unit with memory -J136-

A - 12-pin connector -T12x- , black

B - 32-pin connector -T32m- , grey

C - 16-pin connector -T16q- , black



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Connector assignment, seat and steering column adjustment control unit with memory -J136-

-T12x- (A)	Designation		-T12x- (A)	Designation
1	Driver seat backrest adjustment motor -V45-		7	Driver seat rake adjustment motor -V243-
2	Driver seat depth adjustment motor -V256-		8	Driver seat height adjustment motor -V245-
3	Driver seat height adjustment motor -V245-		9	Driver seat longitudinal adjustment motor -V28-
4	Driver seat depth adjustment motor -V256-		10	Driver seat rake adjustment motor -V243-

-T12x- (A)	Designation		-T12x- (A)	Designation
5	Driver seat longitudinal adjustment motor -V28-		11	Terminal 30, from driver seat adjustment thermal fuse 1 -S44- B316 Positive connection 2 (30a) in main wiring harness Fuse 3 -S133-
6	Driver seat backrest adjustment motor -V45-		12	Terminal 31, to 95 earth connection 1 in seat adjustment wiring harness Earth connection 6 in main wiring harness 34 Earth point under driver seat

-T32m- (B)	Designation		-T32m- (B)	Designation
1			17	
2			18	
3	Driver door control unit -J386-		19	
4			20	
5	Driver seat massage function button -E670-		21	
6	Seat longitudinal adjustment button -E418- Switch module 2 for driver seat -E667-		22	Driver seat backrest adjustment switch -E96- Driver seat adjustment operating unit -E470-
7	Seat height adjustment button -E424- Switch module 2 for driver seat -E667-		23	Driver seat height adjustment switch -E364- Driver seat adjustment operating unit -E470-
8			24	Driver seat rake adjustment switch -E222- Driver seat adjustment operating unit -E470-
9			25	Driver seat longitudinal adjustment switch -E363- Driver seat adjustment operating unit -E470-
10	Driver seat adjustment operating unit -E470-		26	
11			27	
12			28	Backrest adjustment button -E425- Switch module 2 for driver seat -E667-
13			29	
14			30	
15	Convenience CAN bus, low M28 Connection (convenience CAN bus, low), in driver seat adjustment wiring harness		31	
16	Convenience CAN bus, high M27 Connection (convenience CAN bus, high), in driver seat adjustment wiring harness		32	

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-T16q- (C)	Designation		-T16q- (C)	Designation
1	Driver seat cushion lateral support heater -Z31-		9	M43 Connection 3, in driver seat wiring harness Driver seat backrest fan -V388- Driver seat backrest fan 2 -V417-
2	Heated driver seat -Z6-		10	M44 Connection 4, in driver seat wiring harness Driver seat backrest fan -V388- Driver seat backrest fan 2 -V417-
3	M42 Connection 2, in driver seat wiring harness Driver seat cushion fan -V390- Driver seat cushion fan 2 -V419-		11	
4			12	136 earth connection 2 in seat heating wiring harness
5			13	
6			14	Front left seat temperature sender -G344-
7	Front left seat temperature sender -G344-		15	
8	M41 Connection 1, in driver seat wiring harness Driver seat cushion fan -V390- Driver seat cushion fan 2 -V419-		16	

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1.41 Fitting location of seat occupied recognition control unit -J706-

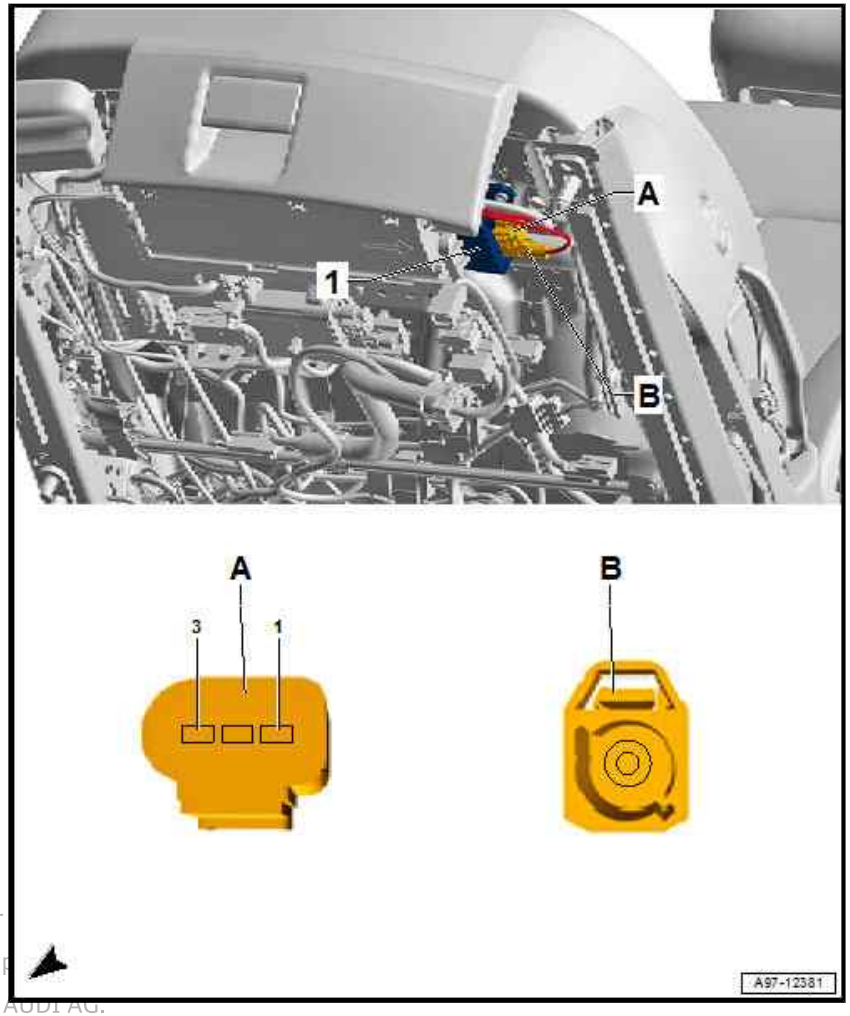
Fitting location

In bottom of seat -1-.

1 - Seat occupied recognition control unit -J706-

A - 3-pin connector -T3- , black

B - Connection, seat occupied recognition control unit -G452-



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Connector assignment, seat occupied recognition control unit -J706-

-T3- (A)	Designation
1	Terminal 30, from Fuse holder B -SB- (B282) positive connection 6 (15a) in main wiring harness
2	Airbag control unit -J234-

-T3-(A)	Designation
3	Terminal 31, to (312) earth connection 2 in airbag wiring harness (475) Earth connection (airbag), in main wiring harness Airbag control unit -J234-

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1.42 Fitting location of Tyre Pressure Monitoring System control unit -J502-

Fitting location

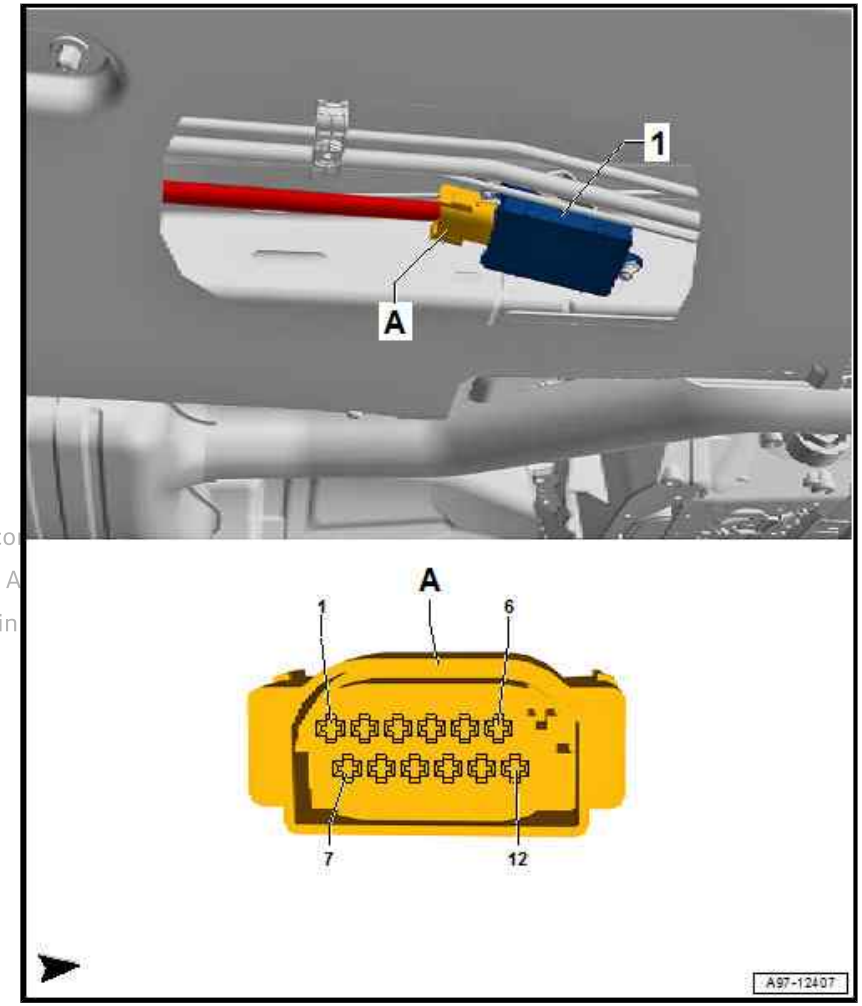
At front right under floor -1-.

For RS models only.

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1 - Tyre Pressure Monitoring System control unit -J502-

A - 12-pin connector -T12ao- , black



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Connector assignment, Tyre Pressure Monitoring System control unit -J502-

-T12ao- (A)	Designation		-T12ao- (A)	Designation
1			7	Dash panel insert CAN bus, high Wiring junction for dash panel insert CAN bus, high -TV36-
2			8	Dash panel insert CAN bus, low Wiring junction for dash panel insert CAN bus, low -TV40-
3	B605 Connection 1, in interior wiring harness to Tyre Pressure Monitoring System aerials		9	Front left Tyre Pressure Monitoring System aerial -R59-

-T12ao- (A)	Designation		-T12ao- (A)	Designation
4	Front right Tyre Pressure Monitoring System aerial -R60-		10	Rear left Tyre Pressure Monitoring System aerial -R61-
5	Rear right Tyre Pressure Monitoring System aerial -R62-		11	B606 Connection 2, in interior wiring harness to Tyre Pressure Monitoring System aerials
6	Terminal 30, from fuse holder B -SB-		12	Terminal 31, to 380 earth connection 15 in main wiring harness 43 Earth point on lower part of right A-pillar

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1.43 Fitting location of emergency call module control unit and communication unit -J949-

Fitting location

Behind glove compartment.

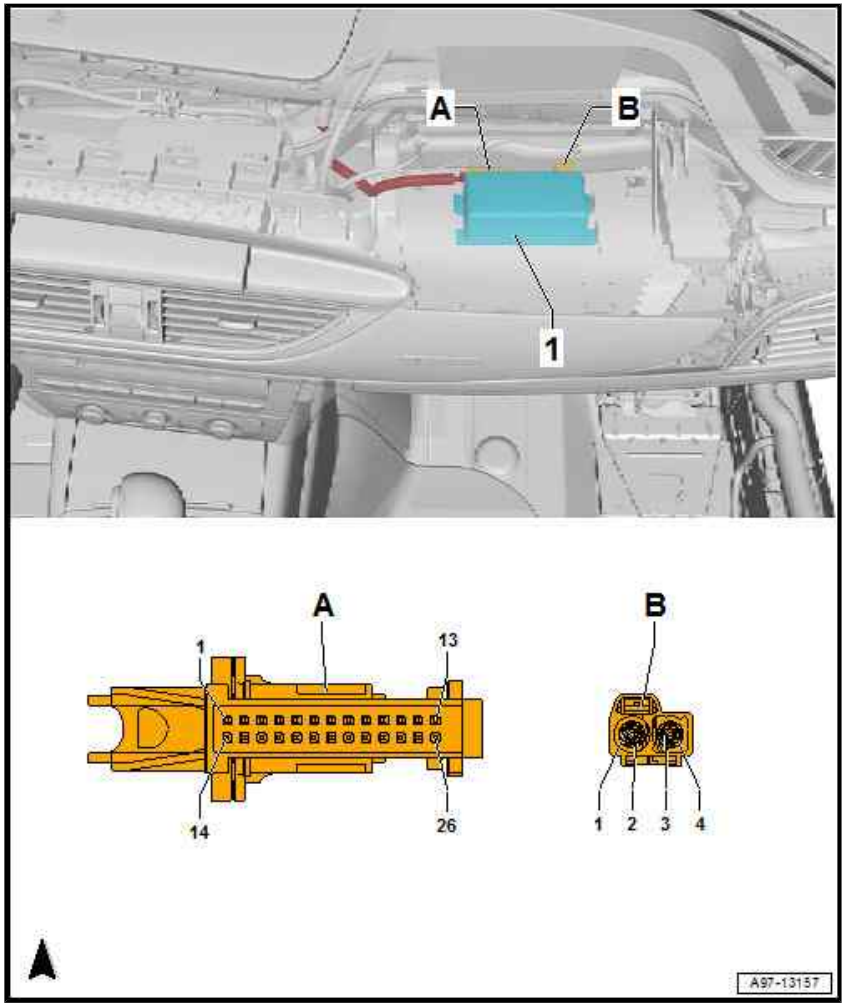
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1 - Emergency call module control unit and communication unit -J949-

A - 26-pin connector -T26c- , black

B - 4-pin connector -T4gs- , purple

- ❑ Receptacle 1 of aerial for emergency call module -R263-



Connector assignment of emergency call module control unit and communication unit -J949-

-T26c- (A)	Designation		-T26c- (A)	Designation
1	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-		14	Convenience CAN bus, high, to wiring junction for convenience CAN bus, high -TV34- [1] Hybrid CAN bus, high, to harness [2] B776 connection 1 (hybrid CAN bus, high) in main wiring

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-T26c- (A)	Designation		-T26c- (A)	Designation
2	Convenience CAN bus, low, to wiring junction for convenience CAN bus, low -TV38- [1] Hybrid CAN bus, low, to B777 connection 1 (hybrid CAN bus, low) in main wiring harness [2]		15	
3	Airbag control unit -J234-		16	
4	Microphone for emergency call module -R321-		17	Microphone for emergency call module -R321-
5	Control unit 1 for information electronics -J794-		18	Control unit 1 for information electronics -J794-
6	Emergency call button -E276- in Front roof module -WX3-		19	Emergency call button -E276- in Front roof module -WX3-
7	Emergency call button -E276- in Front roof module -WX3-		20	Emergency call button -E276- in Front roof module -WX3-
8	Control unit 1 for information electronics -J794-		21	Emergency call module loudspeaker -R335-
9	Emergency call module loudspeaker -R335-		22	
10			23	
11			24	
12			25	
13	Emergency call button -E276- in Front roof module -WX3-		26	Terminal 31, to 45 earth point on centre left behind dash panel

- [1] Only models without high-voltage system (0K0)
- [2] Only models with high-voltage system (0K3)

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1.44 Fitting location of high-voltage heater (PTC) control unit -J848- , from calendar week 47/2016

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Fitting location

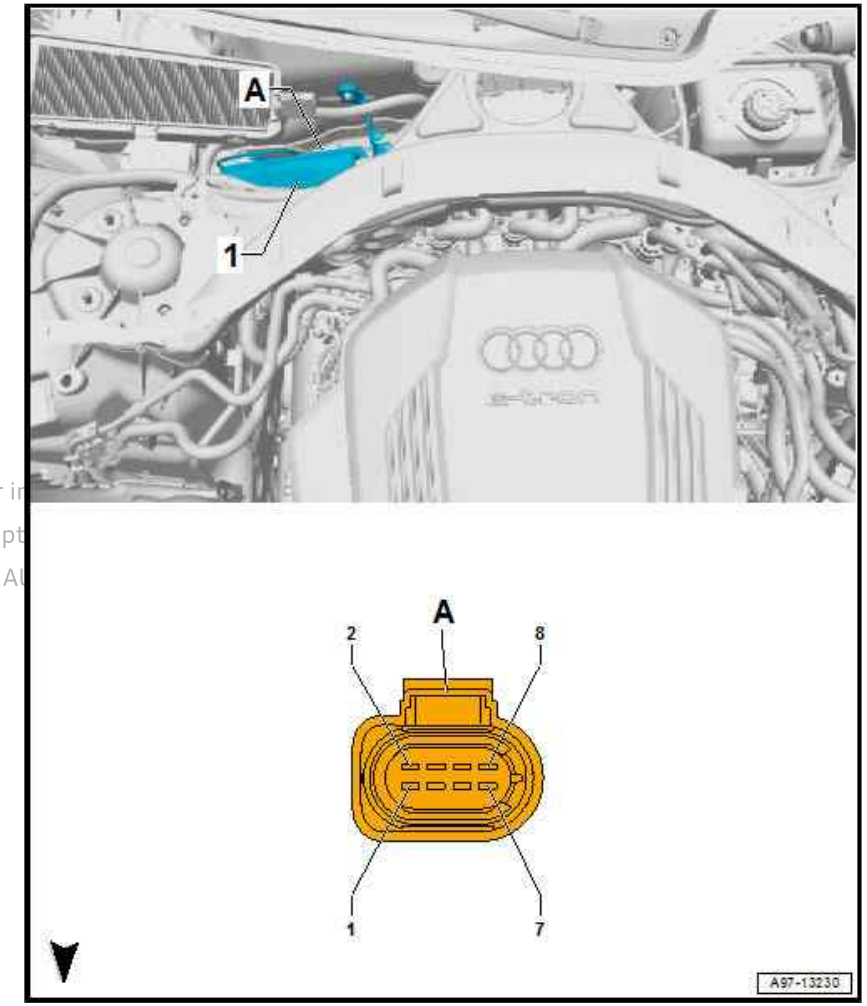
In the high-voltage heater (PTC) -Z115- on right in plenum chamber.

1 - High voltage heater (PTC) control unit -J848-

- ❑ with high-voltage heater (PTC) -Z115-

A - 8-pin connector -T8bn- , black

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Connector assignment of high-voltage heater (PTC) control unit -J848-

-T8bn- (A)	Designation		-T8bn- (A)	Designation
1	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-		5	Hybrid battery unit -AX1- , pilot line
2	Terminal 31, to (388) earth connection 23 in main wiring harness (639) earth point on left A-pillar		6	
3			7	Control unit for air conditioner compressor -J842- , pilot line
4	LIN bus, to (B842) connection 8 (LIN bus) in main wiring harness		8	

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1.45 Fitting location of brake servo vacuum pump -V469- , from calendar week 47/2016

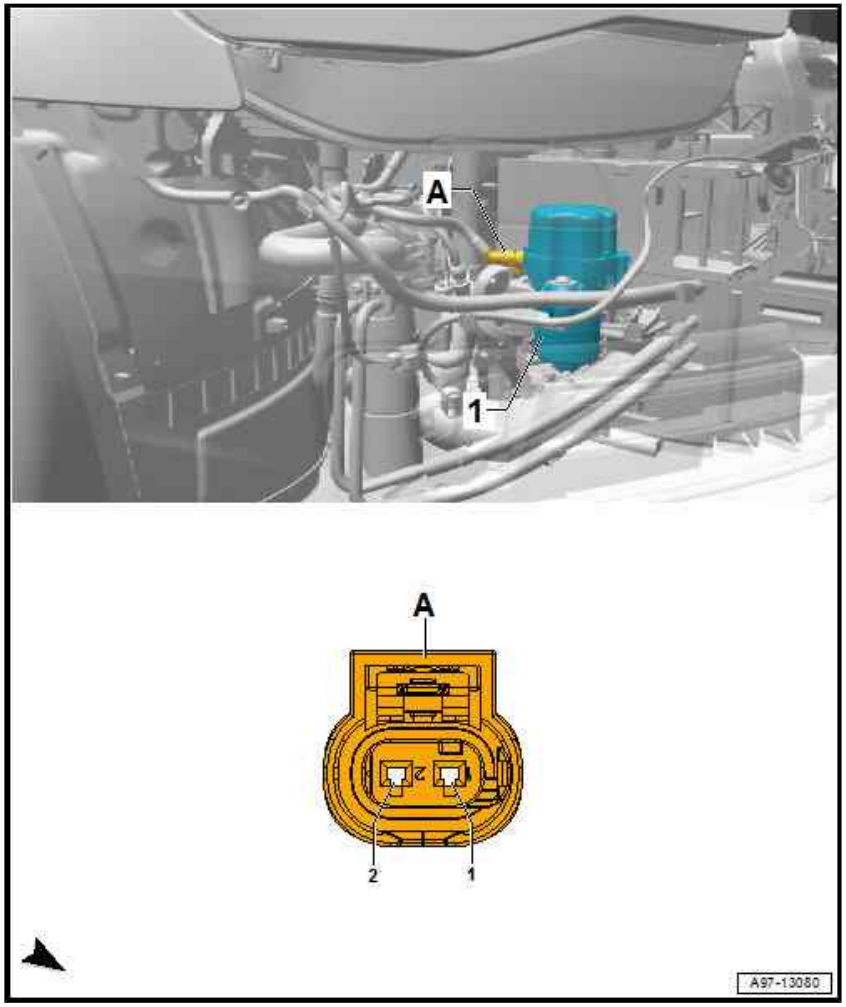
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Fitting location

In bottom right of front engine compartment.

1 - Brake servo vacuum pump -V469-

A - 2-pin connector -T2py- , grey



Connector assignment for brake servo vacuum pump -V469-

-T2py- (A)	Designation
1	Vacuum pump relay -J318-
2	Terminal 31, to (379) earth connection 14 in main wiring harness (43) earth point at bottom of right A-pillar

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1.46 Fitting location of thermal management control unit -J1024- , from calendar week 47/2016

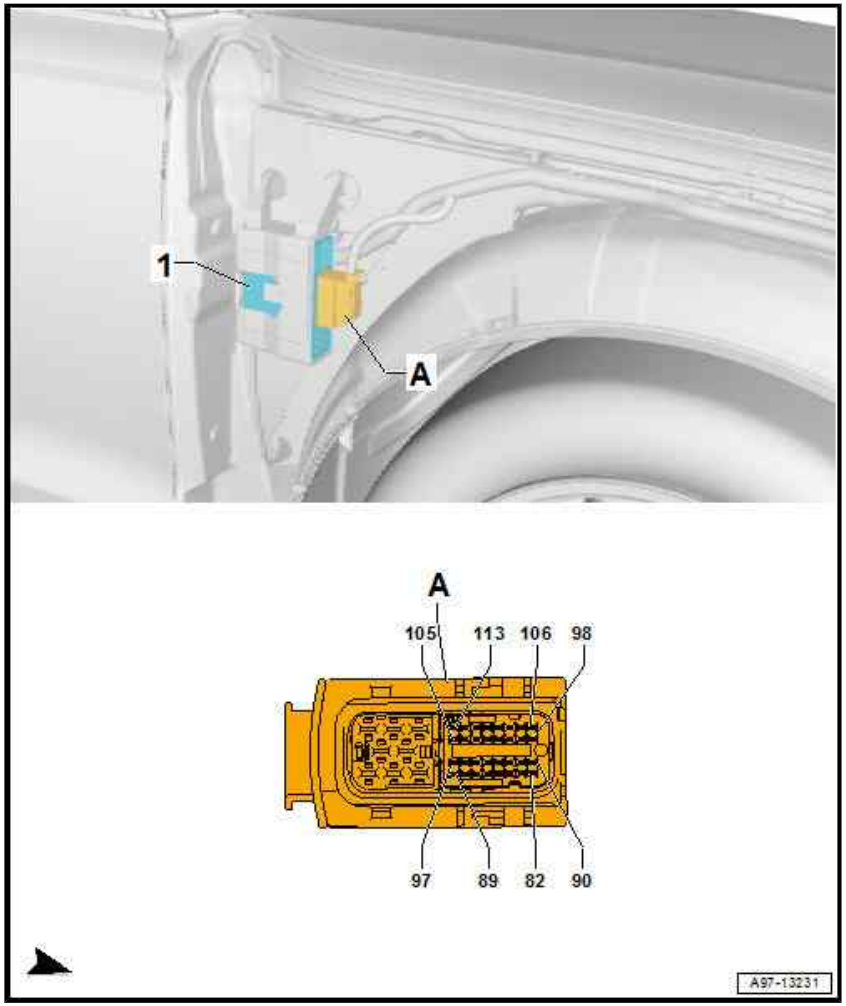
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Fitting location

In front right wheel housing, near A-pillar

1 - Thermal management control unit -J1024-

A - 40-pin connector -T40a- , black



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Connector assignment, thermal management control unit -J1024-

-T40a- (A)	Designation		-T40a- (A)	Designation
83	Coolant temperature sender 6 for thermal management -G907-		103	
84			104	LIN bus, to B842 connection 8 (LIN bus) in main wiring harness
85			105	Hybrid CAN bus, high, to B776 connection 1 (hybrid CAN bus, high) in main wiring harness
87	Thermal management coolant pump 2 -V618-		106	

-T40a- (A)	Designation		-T40a- (A)	Designation
88	Radiator fan control unit 2 -J671-		107	Thermal management coolant pump relay -J1141-
89	Radiator fan control unit 2 -J671-		108	Refrigerant shut-off valve -V424-
90	Coolant temperature sender 2 for thermal management -G903-		109	
91			110	
92	Coolant temperature sender 7 for thermal management -G908-		111	Refrigerant shut-off valve 5 -N643-
93			112	
94	Thermal management coolant pump 4 -V620-		113	Hybrid CAN bus, low, to B777 connection 1 (hybrid CAN bus, low) in main wiring harness
95			114	High-pressure sender -G65-
96	Radiator fan control unit -J293-		115	Terminal 31, to 51 earth point on right in luggage compartment
97	Radiator fan control unit -J293-		116	Terminal 30, from fuse carrier 3 -ST4- in fuse holder F -SF-
98	Coolant temperature sender 1 for thermal management -G902-		117	
99	Evaporator output temperature sender -G263-		118	
100	Coolant shortage indicator sender 2 -G837-		119	
101	Terminal 31, to 1310 earth connection 36 in main wiring harness		120	Refrigerant shut-off valve 2 -N640-
102				

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1.47 Fitting location of maintenance connector for high-voltage system -TW- , from calendar week 47/2016

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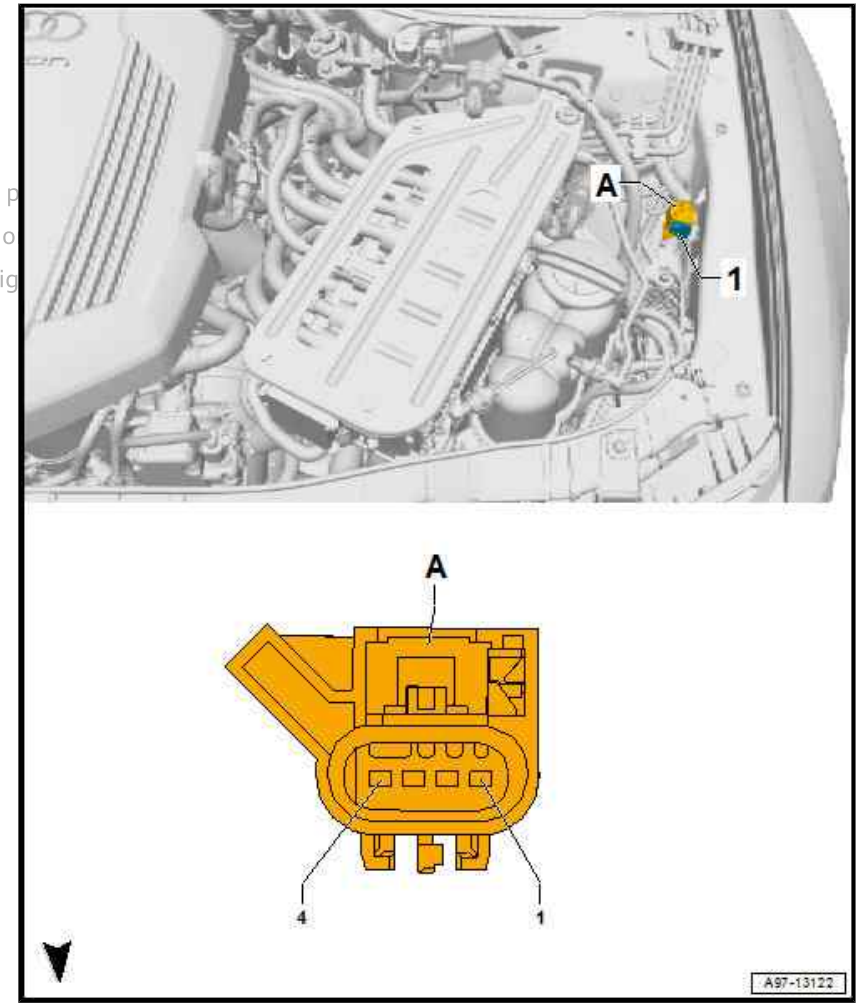
Fitting location

Left next to power and control electronics for electric drive -JX1-

1 - Maintenance connector for high-voltage system -TW-

A - 4-pin connector -T4gy- , green

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Connector assignment maintenance connector for high-voltage system -TW-

-T4gy- (A)	Designation
1	Terminal 30, from fuse carrier 1 -ST1- in fuse holder F -SF-
2	Hybrid battery unit -AX1-
3	Control unit for air conditioner compressor -J842- , pilot line
4	Battery regulation control unit -J840- , pilot line

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1.48 Fitting location of power and control electronics for electric drive -JX1- , from calendar week 47/2016

Fitting location

in engine compartment, front left.

1 - Power and control electronics for electric drive -JX1-

- ❑ with voltage converter -A19- , DC/AC converter for drive motor -A37- , electric drive control unit -J841-

2 - High-voltage wire for hybrid battery, negative terminal -P2-

3 - High-voltage wire for hybrid battery, positive terminal -P1-

4 - High-voltage wire for electrical air conditioner compressor -P3-

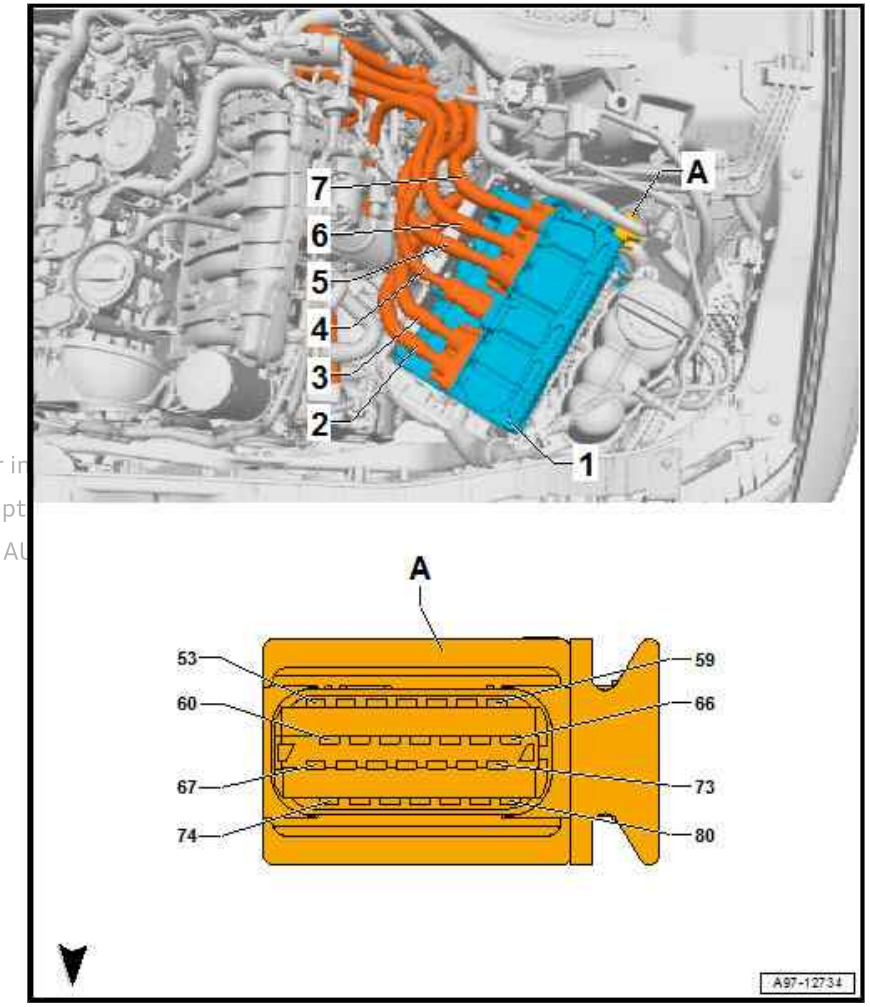
5 - High-voltage wire 1 for drive motor -P4-

6 - High-voltage wire 2 for drive motor -P5-

7 - High-voltage wire 3 for drive motor -P6-

A - 28-pin connector -T28b- , black

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Connector assignment of power and control electronics for electric drive -JX1-

-T28b- (A)	Designation		-T28b- (A)	Designation
53			67	
54			68	Hybrid CAN bus, high, to X4 connection 1 (hybrid CAN bus, high) in engine compartment wiring harness
55	Pilot line to contact 80 on connector -T28b-		69	Drive motor temperature sender -G712-
56			70	Drive motor rotor position sender 1 -G713-
57	Three-phase current drive -VX54-		71	Terminal 15, from fuse holder A -SA- , fuse 3 on fuse holder A -SA3-
58	Terminal 30, from fuse holder A -SA- , fuse 8 on fuse holder A -SA8-		72	Drive motor rotor position sender 1 -G713-
59	Terminal 31, to 645 earth point 1 on bulkhead		73	Drive motor rotor position sender 1 -G713-
60			74	
61			75	Hybrid CAN bus, low, to X5 connection 1 (hybrid CAN bus, low) in engine compartment wiring harness
62	Drive motor temperature sender -G712-		76	
63			77	
64			78	
65	Three-phase current drive -VX54-		79	
66	Three-phase current drive -VX54-		80	Pilot line to contact 55 on connector -T28b-

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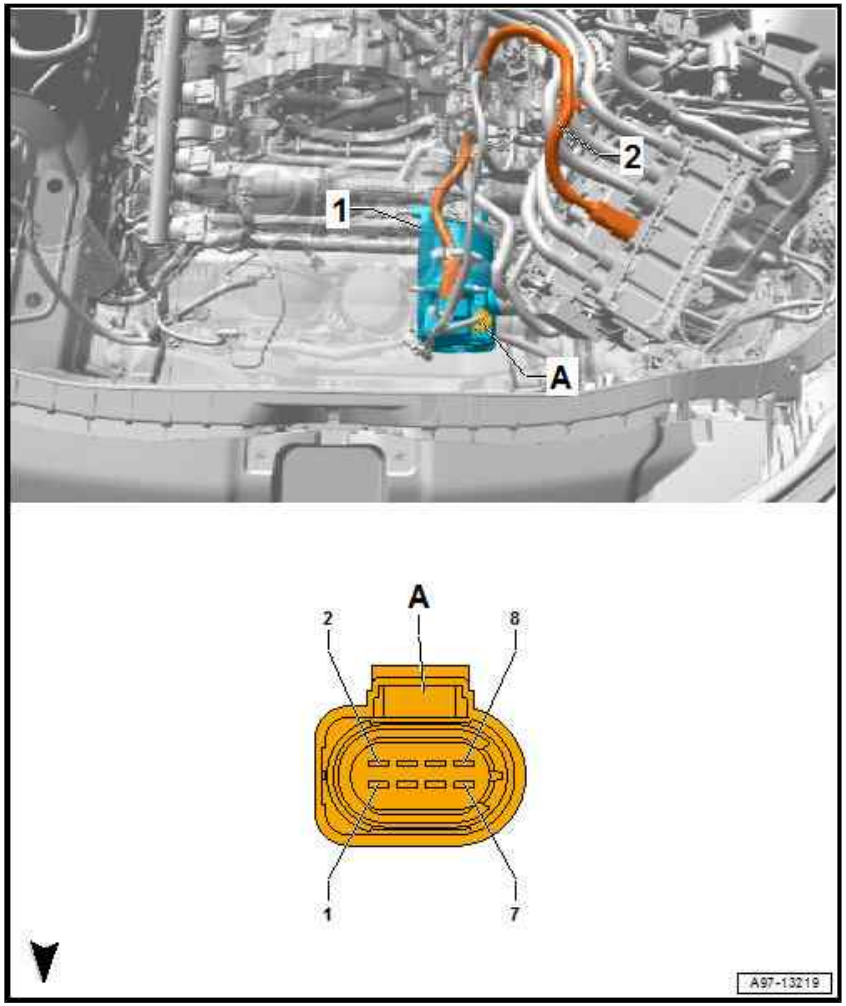
1.49 Fitting location of control unit for air conditioner compressor -J842- , from calendar week 47/2016

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1 - Control unit for air conditioner compressor -J842-
- ❑ with electrical air conditioner compressor -V470-

2 - High-voltage wire for electrical air conditioner compressor -P3-

A - 8-pin connector -T8bh- , black



Connector assignment of control unit for air conditioning compressor -J842-

-T8bh- (A)	Designation	-T8bh- (A)	Designation
1		5	Terminal 31, to (645) earth point 1 on bulkhead
2	LIN bus, to (B842) connection 8 (LIN bus) in main wiring harness	6	
3	Maintenance connector for high-voltage system -TW- , pilot line	7	
4	High voltage heater (PTC) control unit -J848- , pilot line	8	Terminal 30, from fuse holder A -SA- , fuse 13 on fuse holder A -SA13-

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1.50 Fitting location of three-phase current drive -VX54- , from calendar week 47/2016

Fitting location

At front of automatic gearbox.

1 - Three-phase current drive -VX54-

- ❑ with drive motor temperature sender -G712- , drive motor rotor position sender 1 -G713- , electric drive motor -V141-

2 - High-voltage wire 1 for drive motor -P4-

3 - High-voltage wire 2 for drive motor -P5-

4 - High-voltage wire 3 for drive motor -P6-

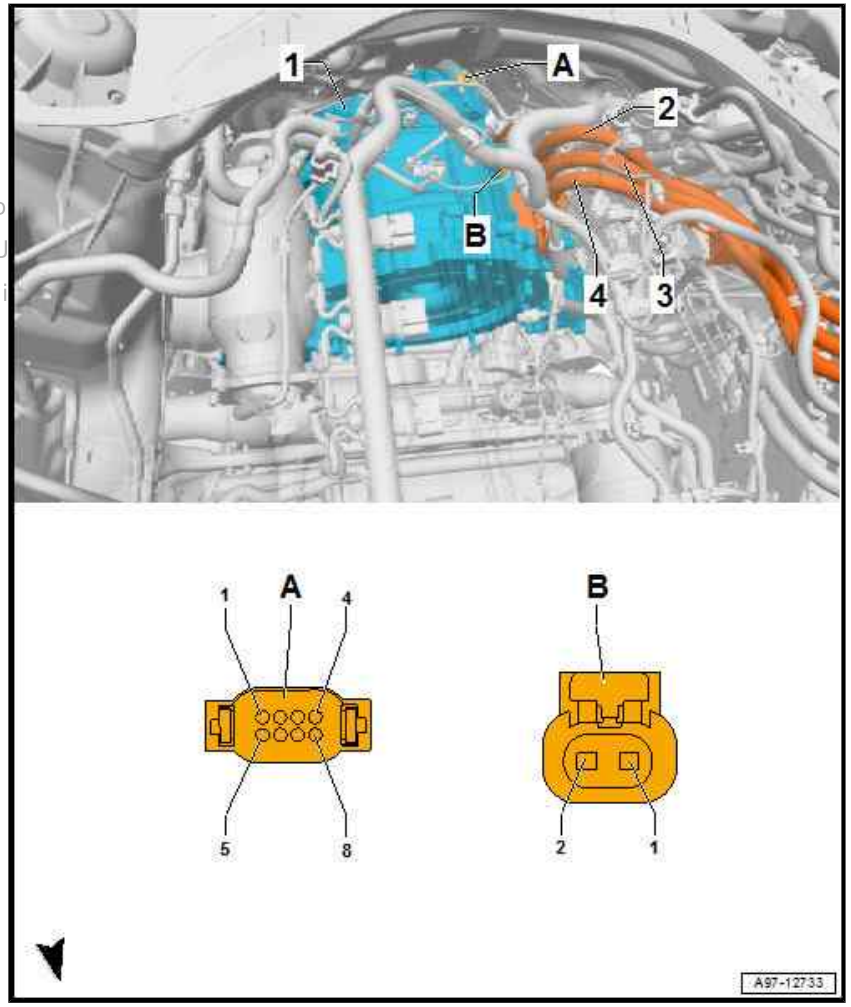
A - 8-pin connector -T8bi- , black

- ❑ to power and control electronics for electric drive -JX1-

B - 2-pin connector -T2pm- , black

- ❑ to power and control electronics for electric drive -JX1-

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1 Control units in rear part of vehicle

1.1 Overview of control units

1 - Rear right door control unit -J389-
- ❑ Fitting location and connectors ⇒ page 20

2 - Convenience system central control unit -J393-
- ❑ Fitting location and connectors ⇒ page 4

3 - Control unit for air ionisation system -J897-
- ❑ Fitting location and connectors ⇒ page 38

4 - Fuel pump control unit -J538-
- ❑ Fitting location and connectors ⇒ page 35

5 - Rear lid control unit -J605-
- ❑ Fitting location and connectors, saloon models ⇒ page 5
- ❑ Fitting location and connectors, Avant models ⇒ page 6

6 - Motor 1 for rear lid -V444- / motor 2 for rear lid -V445- , Avant models
- ❑ Components: -G525- , -G526- , -N527- , -N528-
- ❑ Fitting location and connectors ⇒ page 7

7 - Trailer detector control unit -J345-
- ❑ Fitting location and connectors ⇒ page 8

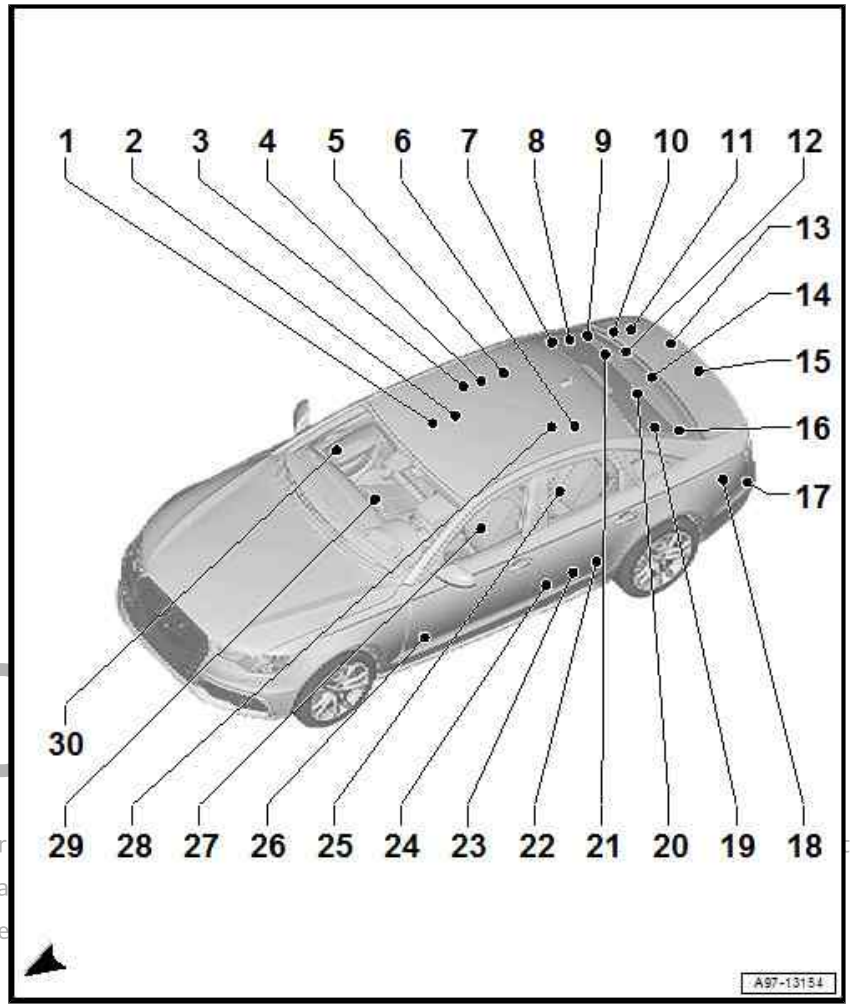
8 - Interface control unit for vehicle location system -J843-
- ❑ Fitting location and connectors ⇒ page 30

9 - Parking aid control unit -J446-
- ❑ Fitting location and connectors ⇒ page 11

9 - Park assist steering control unit -J791-
- ❑ Fitting location and connectors ⇒ page 13

9 - Aerial amplifier for mobile telephone -R86-
- ❑ Fitting location and connectors, up to model year 2014 ⇒ page 61
- ❑ Fitting location and connectors, from model year 2015 ⇒ page 63

10 - Remote control receiver for auxiliary heater -R64-
- ❑ Fitting location and connectors ⇒ page 29



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10 - Reversing camera system control unit -J772-

- ❑ Fitting location and connectors, up to model year 2014: ⇒ page 54
- ❑ Fitting location and connectors, from model year 2015 ⇒ page 56
- ❑ Fitting location and connectors, from model year 2016 ⇒ page 58

11 - Lane change assist control unit -J769-

- ❑ Fitting location and connectors ⇒ page 27

12 - Adaptive suspension control unit -J197-

- ❑ Fitting location and connectors ⇒ page 14

12 - Electronically controlled damping control unit -J250-

- ❑ Fitting location and connectors ⇒ page 15

13 - Rear lid power opening control unit -J938-

- ❑ Fitting location and connectors ⇒ page 40

14 - Battery monitor control unit -J367-

- ❑ Fitting location and connectors ⇒ page 33

15 - Power latching control unit -J657-

- ❑ Components: -V382- , -F332- , -F333-
- ❑ Fitting location and connectors ⇒ page 26

16 - Voltage stabiliser -J532-

- ❑ Fitting location and connectors ⇒ page 17

17 - Lane change assist control unit 2 -J770-

- ❑ Fitting location and connectors ⇒ page 28

18 - TV tuner -R78- , from model year 2015

- ❑ Fitting location and connectors ⇒ page 42

18 - Digital sound package control unit -J525- , from model year 2015

- ❑ Fitting location and connectors, Audi sound system (9VD), from model year 2015 ⇒ page 44
- ❑ Fitting location and connectors, Bose Surround Sound (8RY), from model year 2015 ⇒ page 48
- ❑ Fitting location and connectors, Bang & Olufsen Advanced Sound System (8RF), from model year 2015 ⇒ page 51

18 - Aerial amplifier for mobile telephone -R86-

- ❑ Fitting location and connectors, up to model year 2014 ⇒ page 61
- ❑ Fitting location and connectors, from model year 2015 ⇒ page 63

19 - Control unit for electromechanical parking brake -J540-

- ❑ Fitting location and connectors ⇒ page 18

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19 - Engine sound generator control unit -J943-

- Fitting location and connectors, models with hybrid drive from July 2017 ⇒ page 32
- Fitting location and connectors, models without hybrid drive ⇒ page 31

20 - All-wheel drive control unit -J492-

- Fitting location and connectors ⇒ page 16

20 - Interface control unit for vehicle tracking -J1221-

- Models with hybrid drive from July 2017
- Fitting location and connectors ⇒ page 64

20 - Telephone interface -RX8-

- Models with hybrid drive from July 2017
- Fitting location and connectors ⇒ page 66

21 - Engine sound generator control unit -J943-

- Fitting location and connectors, models without hybrid drive ⇒ page 31
- Fitting location and connectors, models with hybrid drive from July 2017 ⇒ page 32

22 - Rear left door control unit -J388-

- Fitting location and connectors ⇒ page 19

23 - Control unit for fuel tank leak detection -J909-

- Fitting location and connectors ⇒ page 36

24 - Seat heating control unit -J882-

- Fitting location and connectors ⇒ page 34

25 - Data bus diagnostic interface -J533-

- Fitting location and connectors ⇒ page 24

26 - Driver door control unit -J386-

- Fitting location and connectors ⇒ page 21

27 - Operating and display unit for rear air conditioner -E265-

- Components: -E128- , -E129-
- Fitting location and connectors ⇒ page 25

28 - Sunroof roller blind control unit -J394-

- Components: -V260-
- Fitting location and connectors ⇒ page 37

29 - Control unit for overhead view camera -J928-

- Fitting location and connectors ⇒ page 60

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30 - Front passenger door control unit -J387-

- ❑ Fitting location and connectors ⇒ page 22

1.2 Fitting location, convenience system central control unit -J393-

Fitting location

In luggage compartment, on right at wheel housing -H-.

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A - 17-pin connector -T17s- , black

B - 32-pin connector -T32i- , black

C - 17-pin connector -T17r- , brown

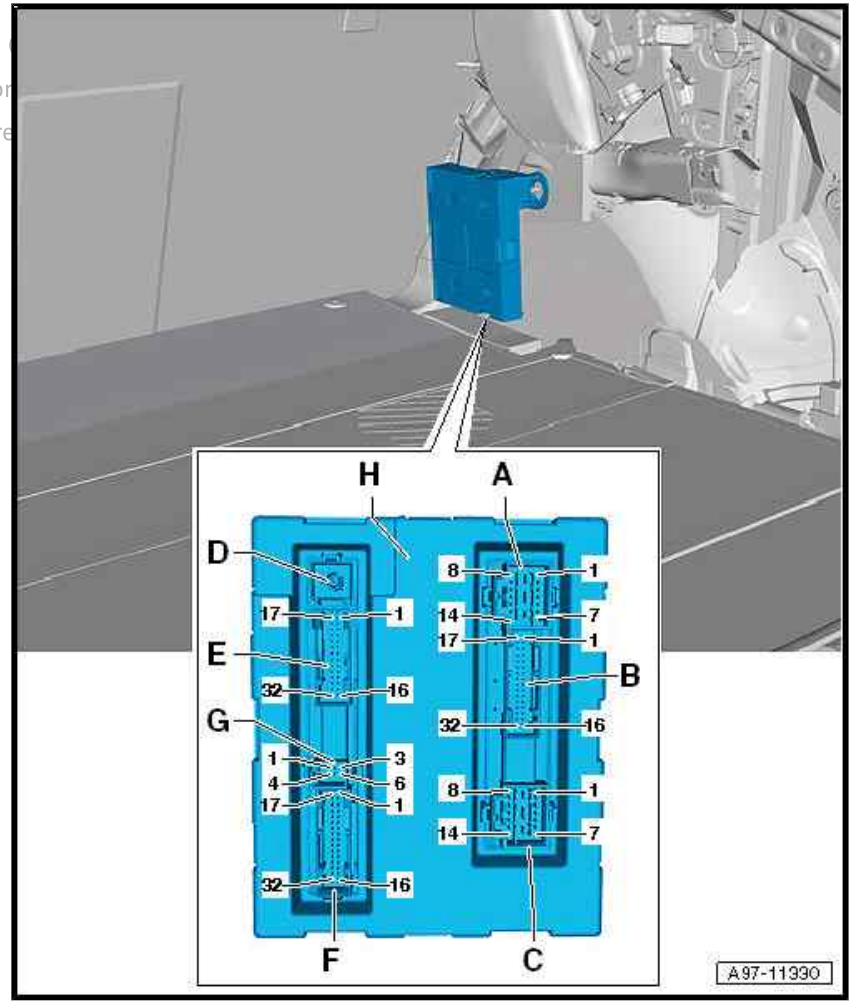
D - 2-pin connector -T2co- , connection Central locking and anti-theft alarm system aerial -R47-

E - 32-pin connector -T32g- , grey

F - 32-pin connector -T32h- , blue

G - Not assigned

H - Convenience system central control unit -J393-



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1.3 Fitting location, rear lid control unit -J605- , saloon models

Fitting location

In luggage compartment, on left at wheel housing -A-.

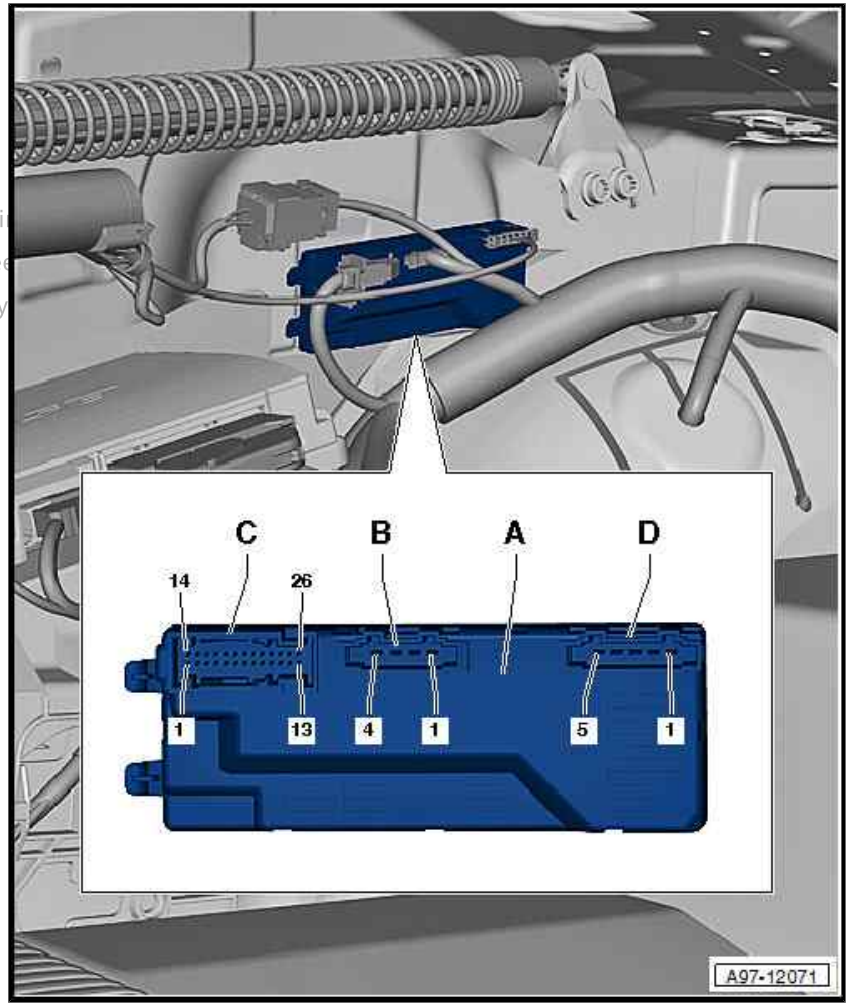
A - Rear lid control unit -J605-

B - 4-pin connector -T4bx- , black

C - 26-pin connector -T26b- , black

D - 5-pin connector -T5ae- , black, motor 1 for rear lid -V444- , motor 2 for rear lid -V445-

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1.4 Fitting location, rear lid control unit -J605- , Avant models

Fitting location

At upper centre of rear lid cutout -A-.

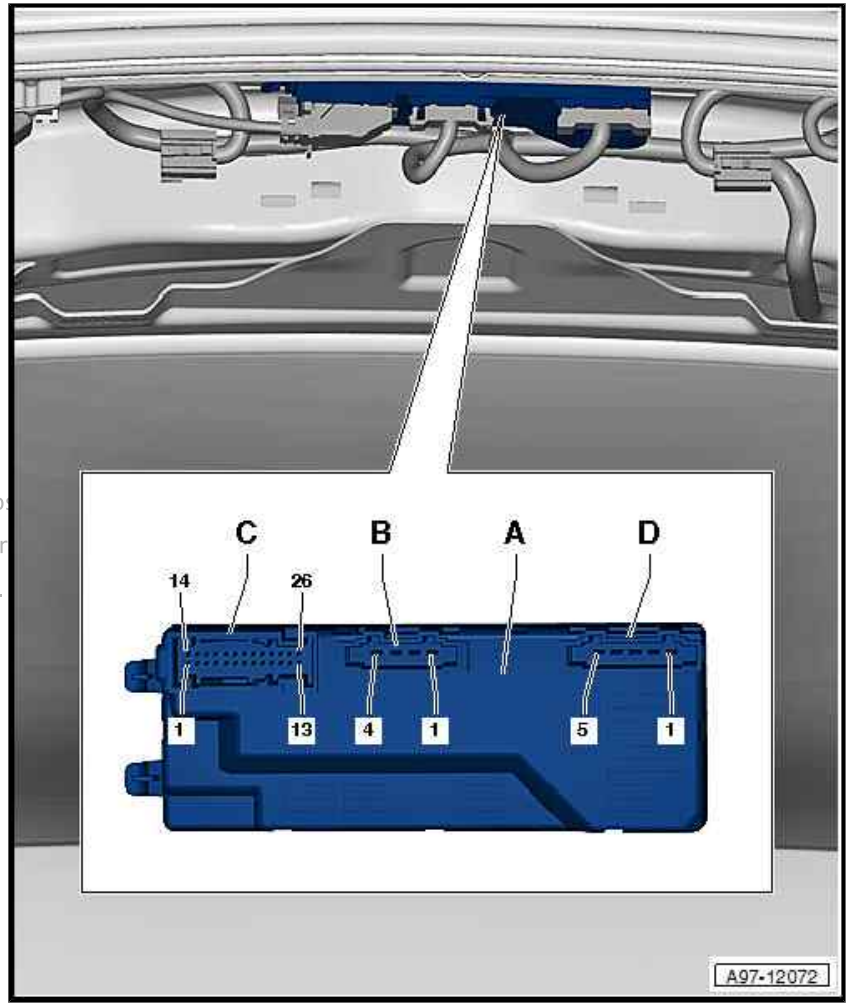
A - Rear lid control unit -J605-

B - 4-pin connector -T4bx- , black

C - 26-pin connector -T26b- , black

D - 5-pin connector -T5ae- , black

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1.5 Fitting location, motor 1 for rear lid -V444- / motor 2 for rear lid -V445- , Avant models

Fitting location

At upper left -2- and right -1- of rear lid cutout.

1 - Motor 2 for rear lid -V445-

- ❑ On right in direction of travel
- ❑ with coupling point in rear lid motor 2 -N528-

2 - Motor 1 for rear lid -V444-

- ❑ On left in direction of travel
- ❑ with Rear lid closed sender 1 -G525- , Rear lid closed sender 2 -G526- , Clutch in motor 1 for rear lid -N527-

A - 5-pin connector -T5ah-

- ❑ Up to model year 2014

A - 6-pin connector -T6ck-

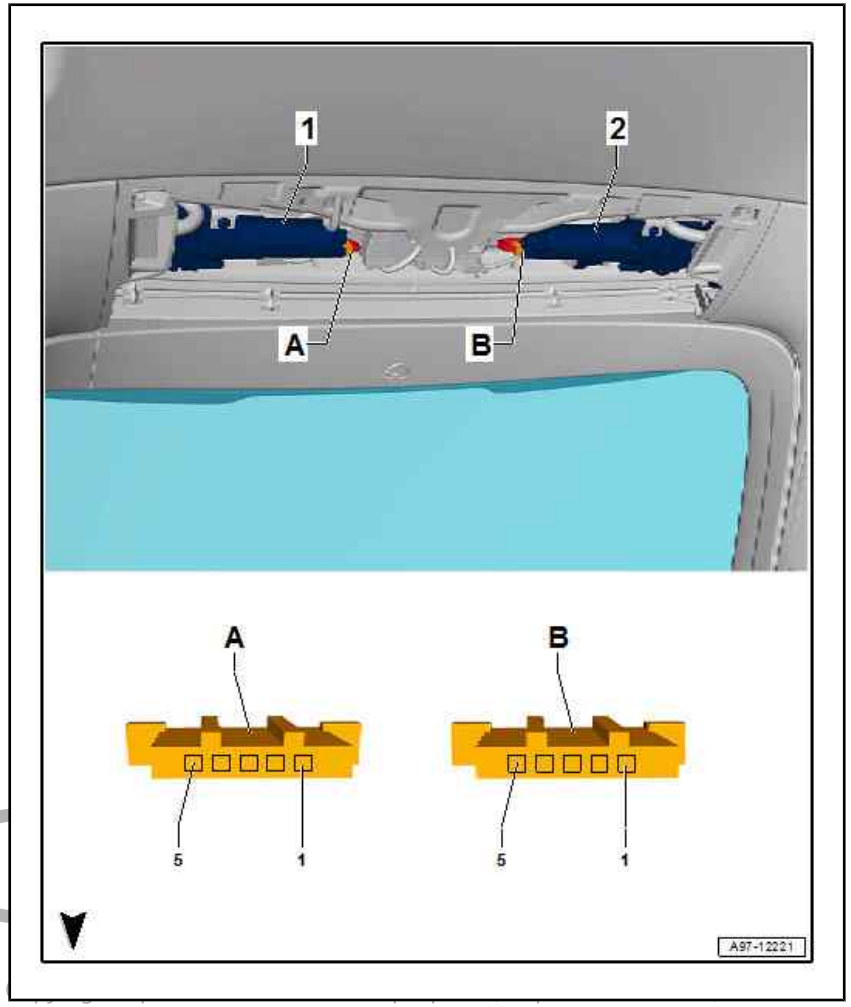
- ❑ From model year 2015

B - 5-pin connector -T5r-

- ❑ Up to model year 2014

B - 6-pin connector -T6ci-

- ❑ From model year 2015



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Connector assignment, motor 1 for rear lid -V444- / motor 2 for rear lid -V445- , up to model year 2014

-T5ah- (A)	Designation		-T5r- (B)	Designation
1	Rear lid control unit -J605-		1	Rear lid control unit -J605-
2			2	
3			3	
4			4	
5	Rear lid control unit -J605-		5	Rear lid control unit -J605-

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Connector assignment motor 1 for rear lid -V444- / motor 2 for rear lid -V445- , up to model year 2015

-T6ck- (A)	Designation		-T6ci- (B)	Designation
1			1	Rear lid control unit -J605-
2			2	Rear lid control unit -J605-
3	Rear lid control unit -J605-		3	Rear lid control unit -J605-
4			4	Rear lid control unit -J605-
5			5	Rear lid control unit -J605-
6	Rear lid control unit -J605-		6	Rear lid control unit -J605-

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1.6 Fitting location, trailer detector control unit -J345-

Fitting location

On right in luggage compartment, behind side trim.

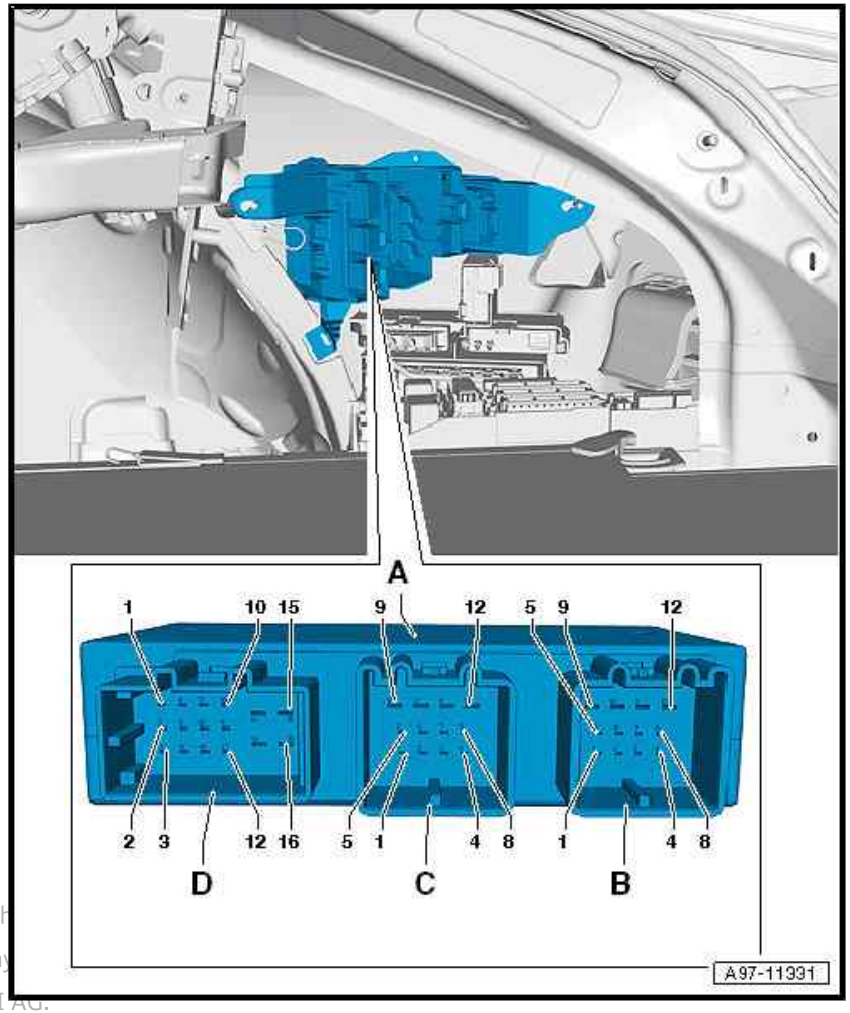
Connector assignment up to model year 2014

A - Trailer detector control unit -J345-

B - 12-pin connector -T12n- , blue, towing bracket locked warning lamp -K226- , towing bracket released warning lamp -K227-

C - 12-pin connector -T12m- , red

D - 16-pin connector -T16h- , black, to trailer socket -U10- , contact switch on locking pin -F355-



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Connector assignment from model year 2015

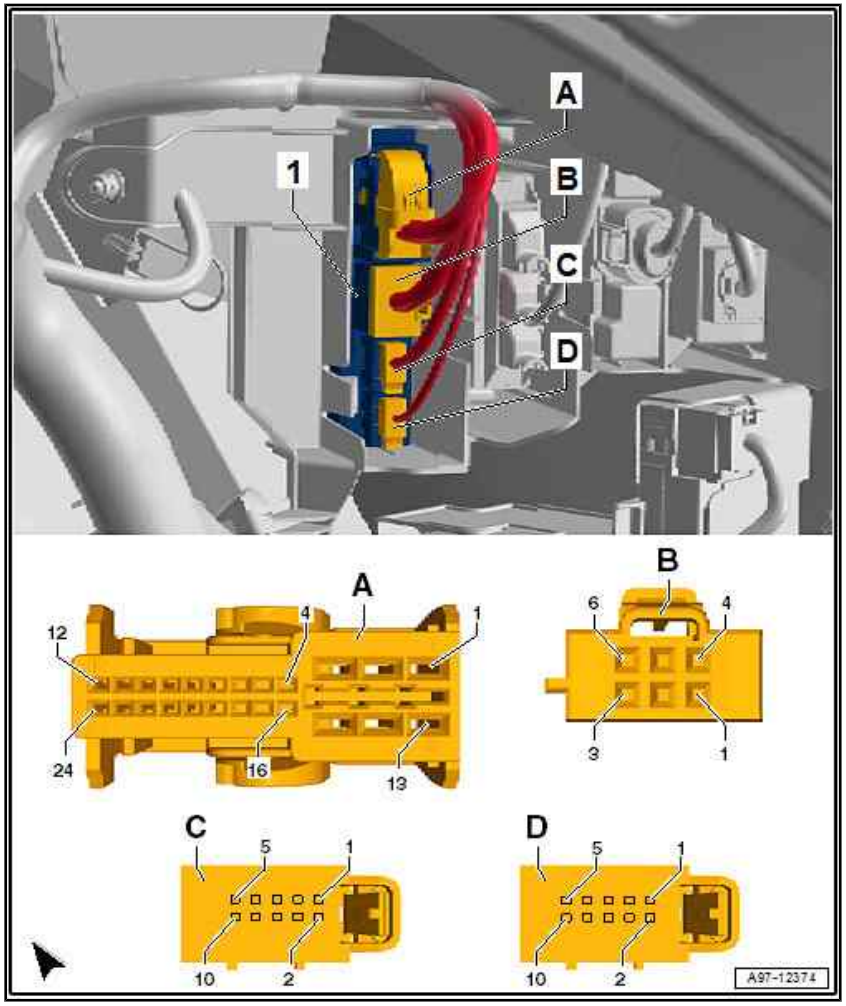
1 - Trailer detector control unit -J345-

A - 24-pin connector -T24a- , black

B - 6-pin connector -T6ce- , black

C - 10-pin connector -T10bh- , black

D - 10-pin connector -T10bi- , red



Connector assignment, trailer detector control unit -J345-

-T24a- (A)	Designation		-T24a- (A)	Designation
1	Trailer socket -U10- 13-pin connector -T13a-		13	
2	Trailer socket -U10- 13-pin connector -T13a-		14	

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-T24a- (A)	Designation		-T24a- (A)	Designation
3	Trailer socket -U10- 13-pin connector -T13a-		15	Trailer socket -U10- 13-pin connector -T13a-
4			16	
5	Contact switch on locking pin -F355-		17	
6			18	Trailer socket -U10- 13-pin connector -T13a-
7	Contact switch on locking pin -F355-		19	Trailer socket -U10- 13-pin connector -T13a-
8			20	
9			21	
10	Contact switch on locking pin -F355-		22	
11			23	Trailer socket -U10- 13-pin connector -T13a-
12	Trailer socket -U10- 13-pin connector -T13a-		24	Trailer socket -U10- 13-pin connector -T13a-

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1.7 Fitting location, parking aid control unit -J446-

Fitting location

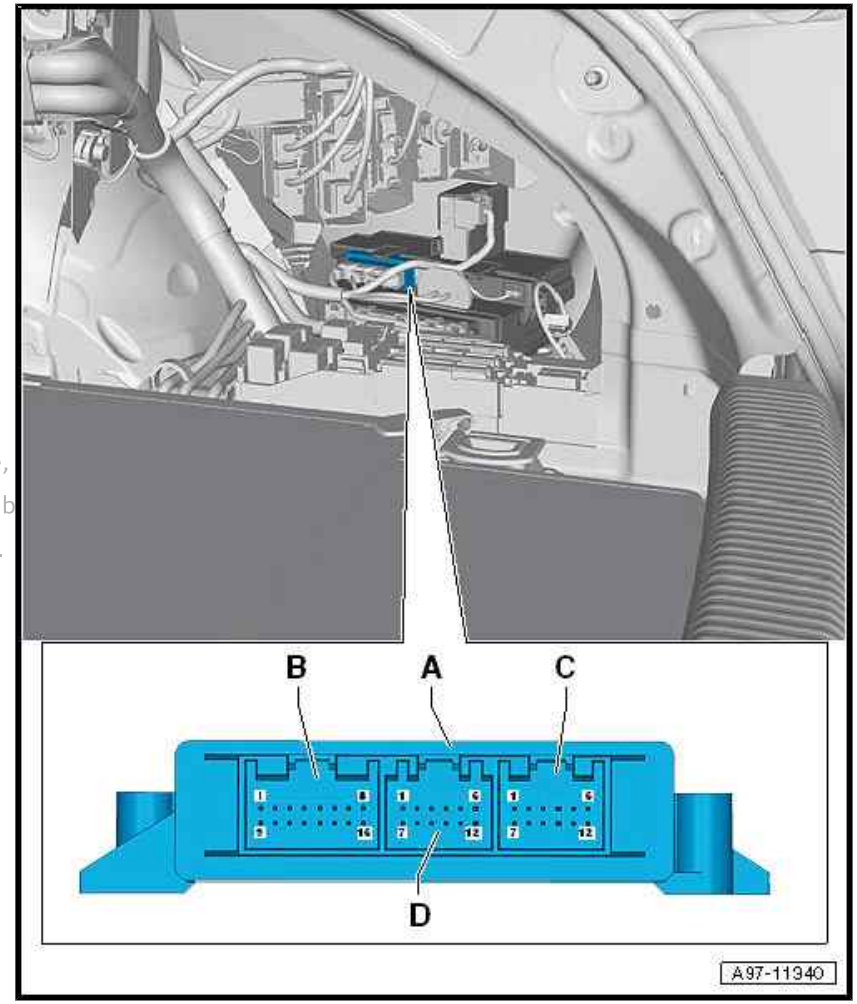
On right in luggage compartment, behind the side trim -A-.

A - Parking aid control unit -J446-

B - 16-pin connector -T16i- , brown

C - 12-pin connector -T12w- , black

D - 12-pin connector -T12q- , brown



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1.8 Fitting location, park assist steering control unit -J791-

Fitting location

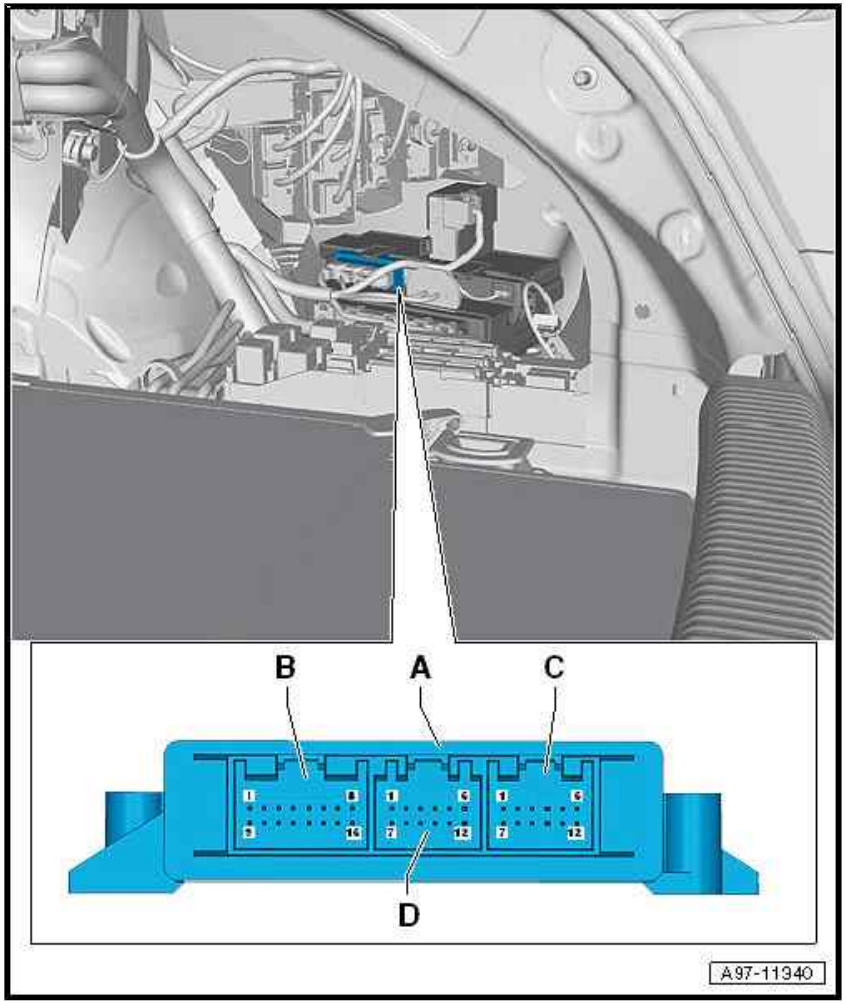
On right in luggage compartment, behind the side trim -A-.

A - Park assist steering control unit -J791-

B - 16-pin connector -T16i- , brown

C - 12-pin connector -T12w- , black

D - 12-pin connector -T12q- , brown



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1.9 Fitting location, adaptive suspension control unit -J197-

Fitting location

On right in luggage compartment, behind side trim -1-.

A - Adaptive suspension control unit -J197-

B - 9-pin connector -T9a- , grey

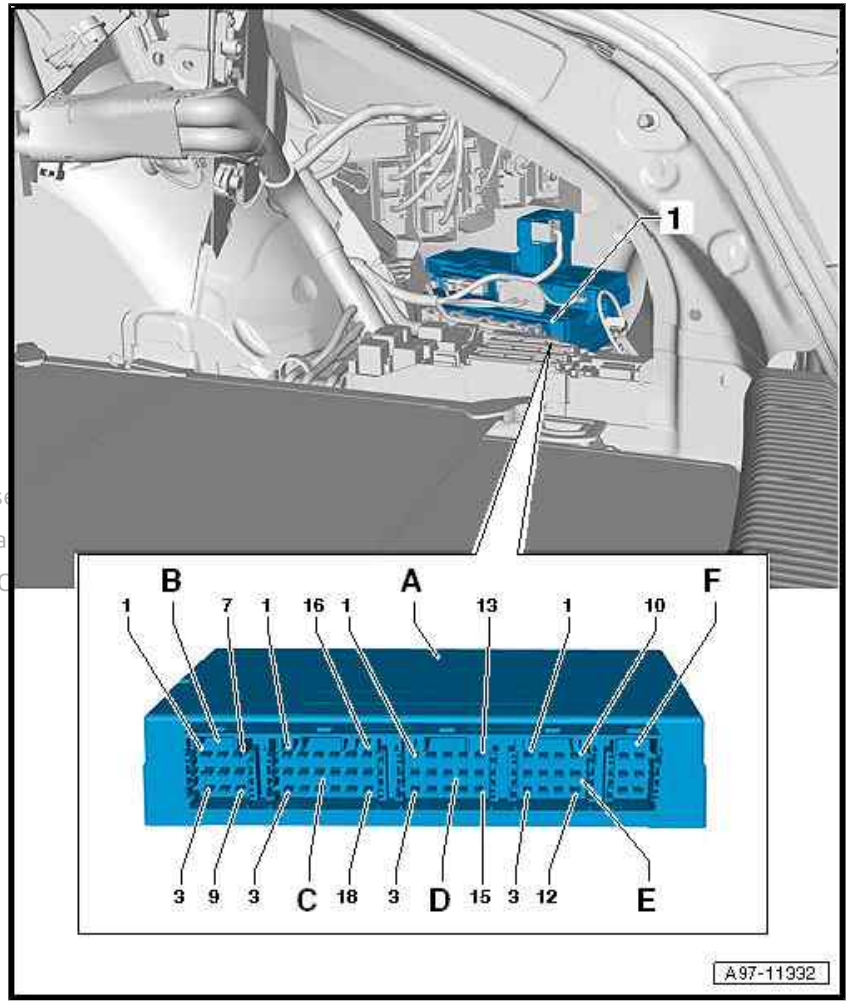
C - 18-pin connector -T18a- , grey

D - 15-pin connector -T15a- , purple

E - 12-pin connector -T12r- , green

F - 6-pin connector -T6w- , blue

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1.10 Fitting location, electronically controlled damping control unit -J250-

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Fitting location

On right in luggage compartment, behind side trim -1-.

A - Electronically controlled damping control unit -J250-

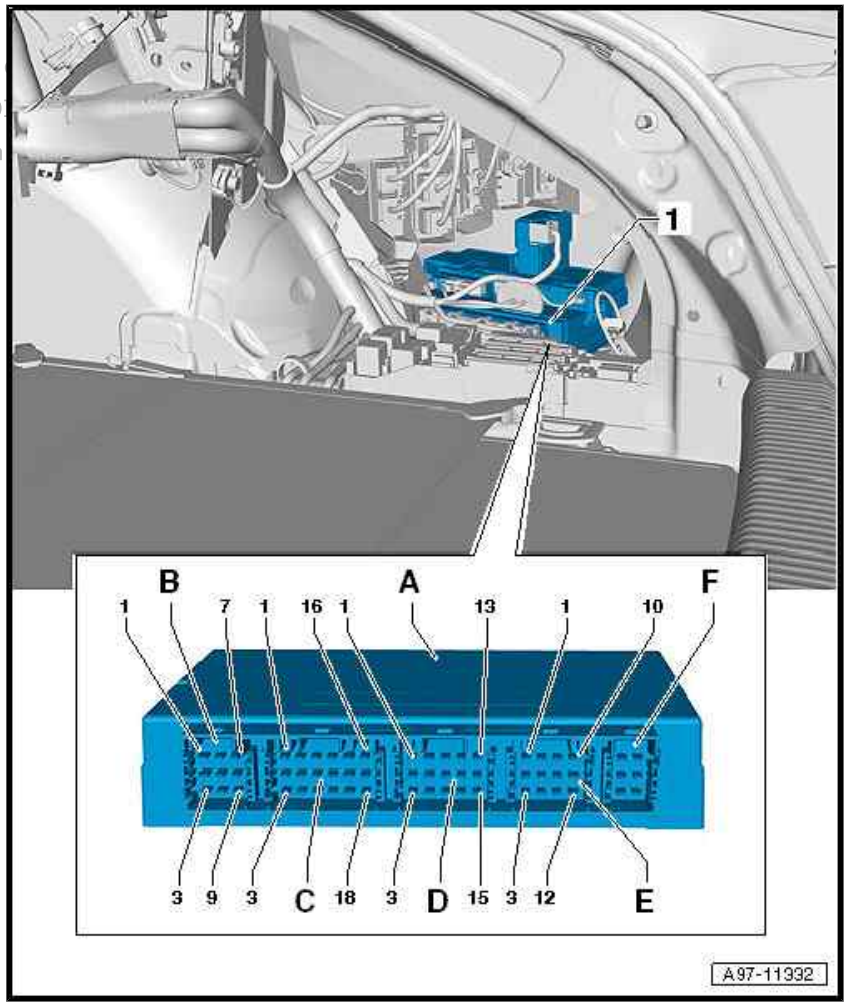
B - 9-pin connector -T9a- , grey

C - 18-pin connector -T18a- , grey

D - 15-pin connector -T15a- , purple

E - Not assigned

F - Not assigned



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1.11 Fitting location, all-wheel drive control unit -J492-

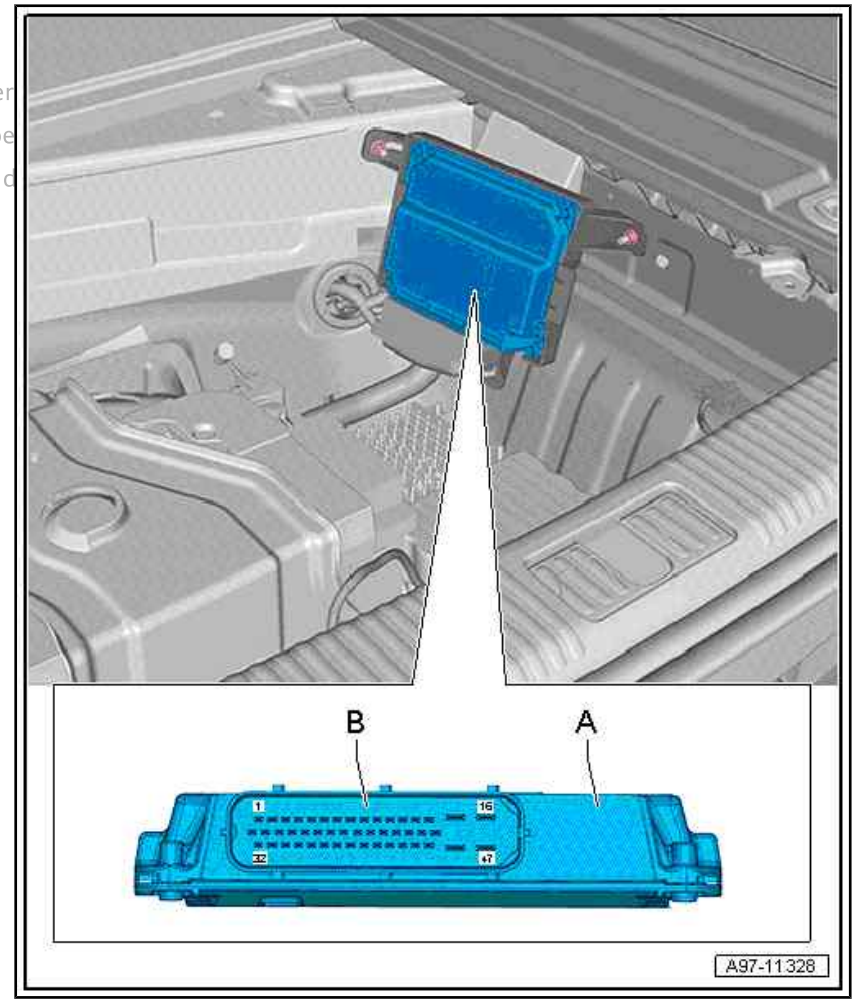
Fitting location

On right in luggage compartment, in luggage compartment well -A-.

A - All-wheel drive control unit -J492-

B - 47-pin connector -T47a- , black

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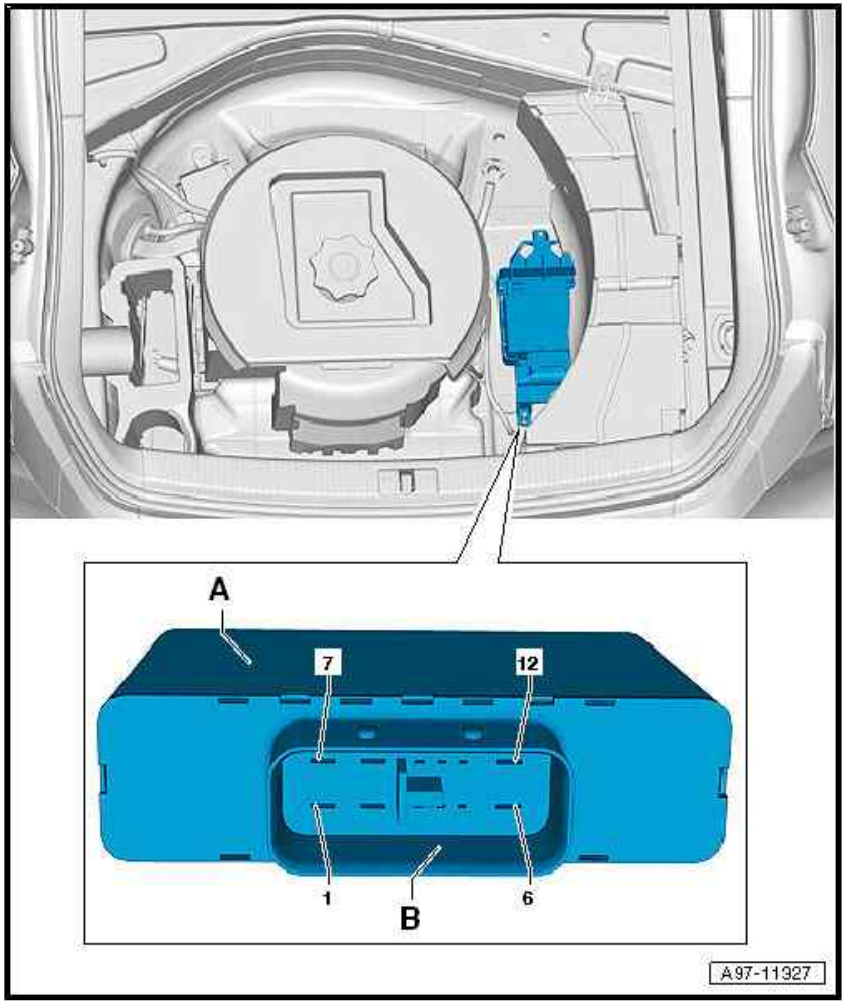
1.12 Fitting location, voltage stabilizer -J532-

Fitting location

On right in luggage compartment, in luggage compartment well -A-.

A - Voltage stabiliser -J532-

B - 12-pin connector -T12p- , black



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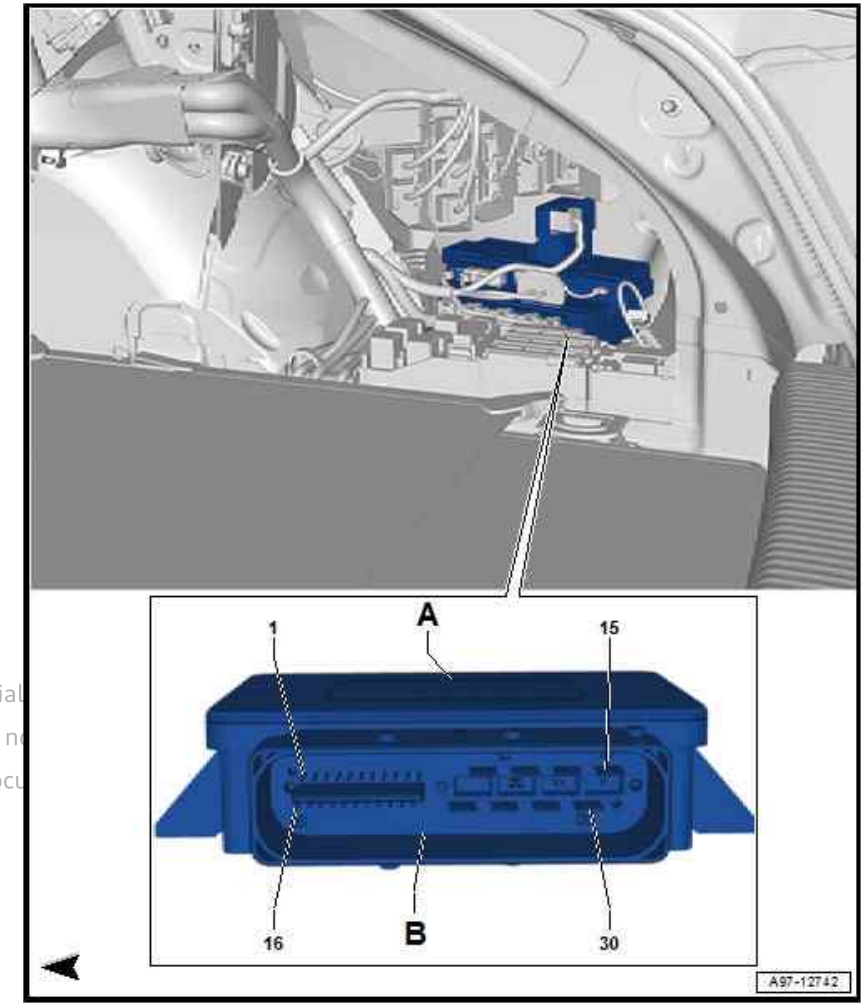
1.13 Fitting location, control unit for electromechanical parking brake -J540-

Fitting location

On right in luggage compartment, behind the side trim -A-.

A - Control unit for electromechanical parking brake -J540-

B - 30-pin connector -T30a- , black



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1.14 Fitting location, rear left door control unit -J388-

Fitting location

In rear left door -A-.

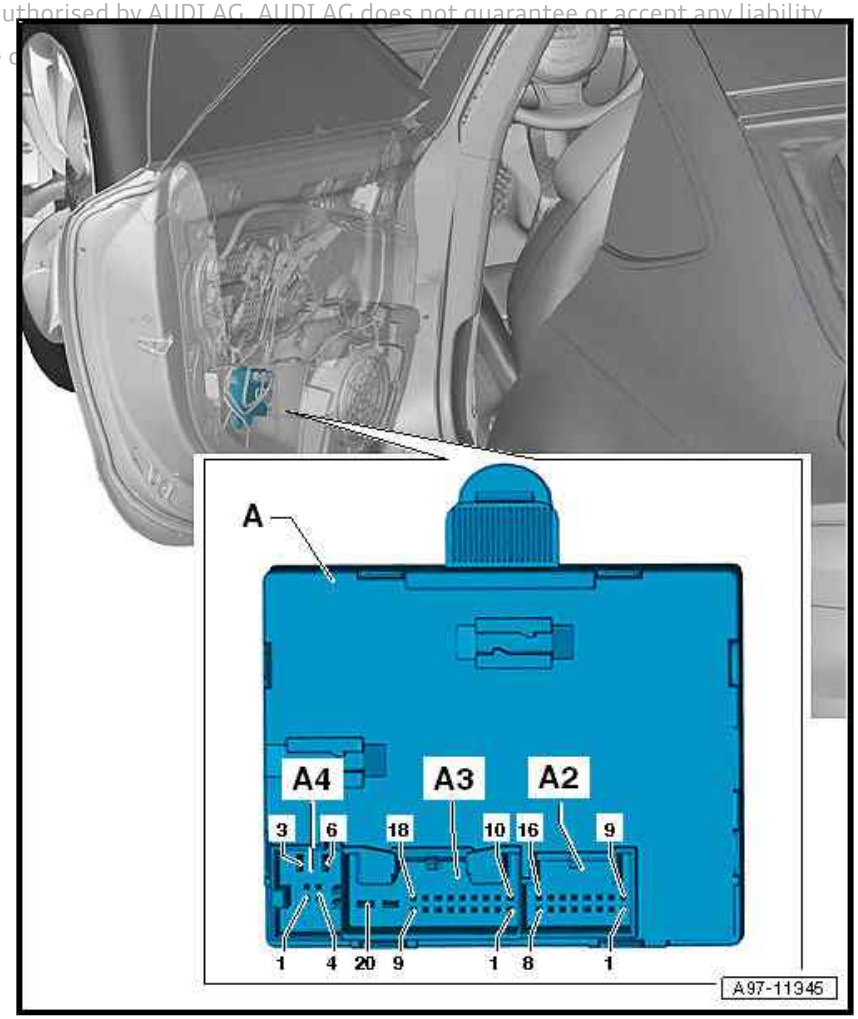
A - Rear left door control unit -J388-

A2 - 16-pin connector -T16n- , black

A3 - 20-pin connector -T20g- , black

A4 - Not assigned

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1.15 Fitting location, rear right door control unit -J389-

Fitting location

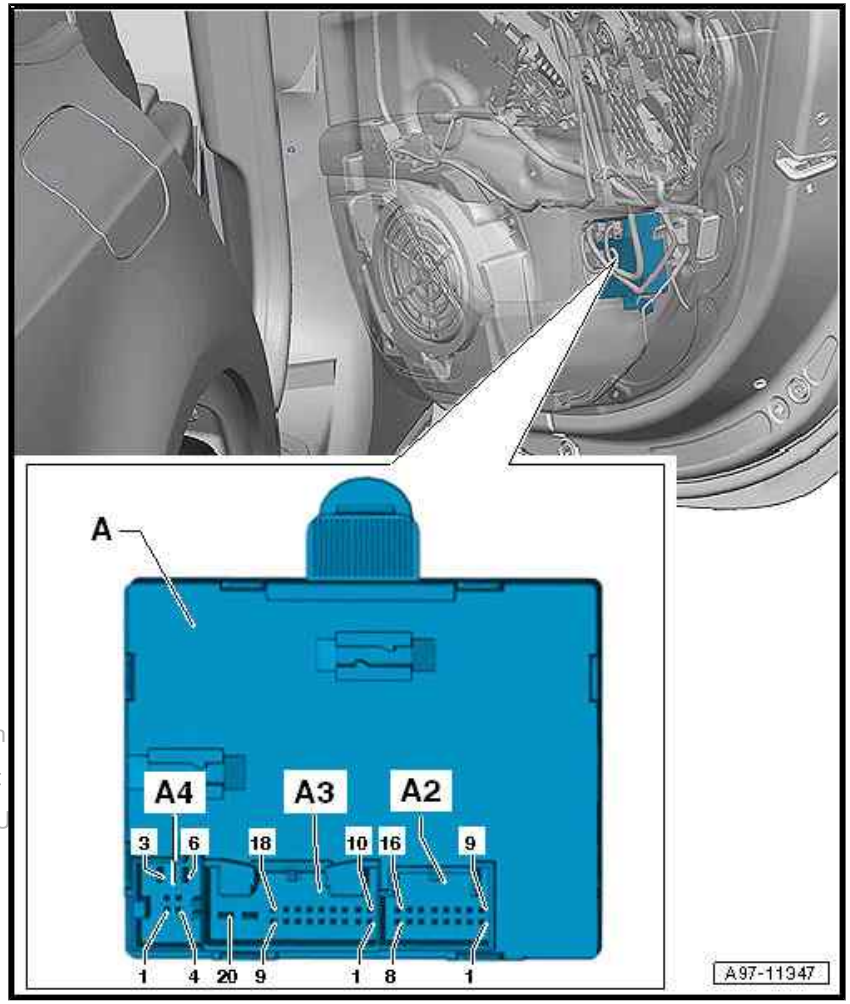
In rear right door -A-.

A - Rear right door control unit -J389-

A2 - 16-pin connector -T16o- , black

A3 - 20-pin connector -T20h- , black

A4 - Not assigned



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1.16 Fitting location, driver door control unit -J386-

Fitting location

In front left door - left-hand drive models.

In front right door - right-hand drive models.

Note

Illustration shows left-hand drive model.

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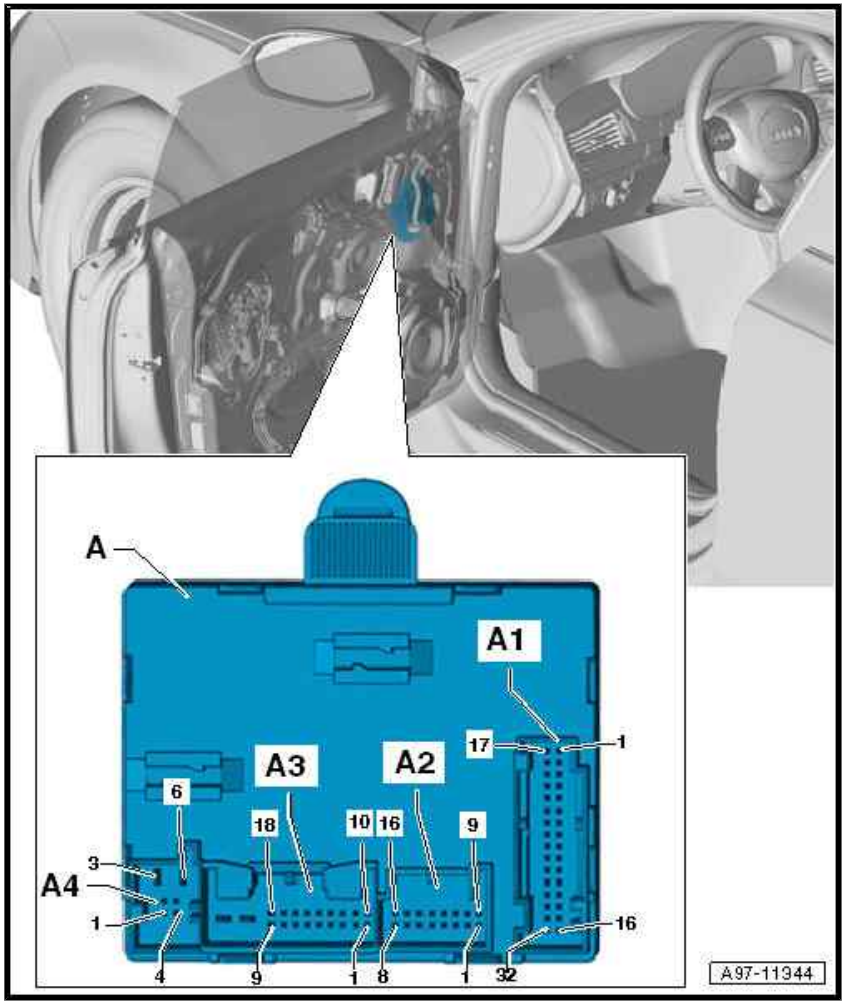
A - Driver door control unit -J386-

A1 - 32-pin connector -T32k- , blue

A2 - 16-pin connector -T16l- , black

A3 - 20-pin connector -T20e- , black

A4 - 6-pin connector -T6as- , black



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1.17 Fitting location, front passenger door control unit -J387-

Fitting location

In front right door - left-hand drive models.

In front left door - right-hand drive models.

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Note

Illustration shows left-hand drive model.

A - Front passenger door control unit -J387-

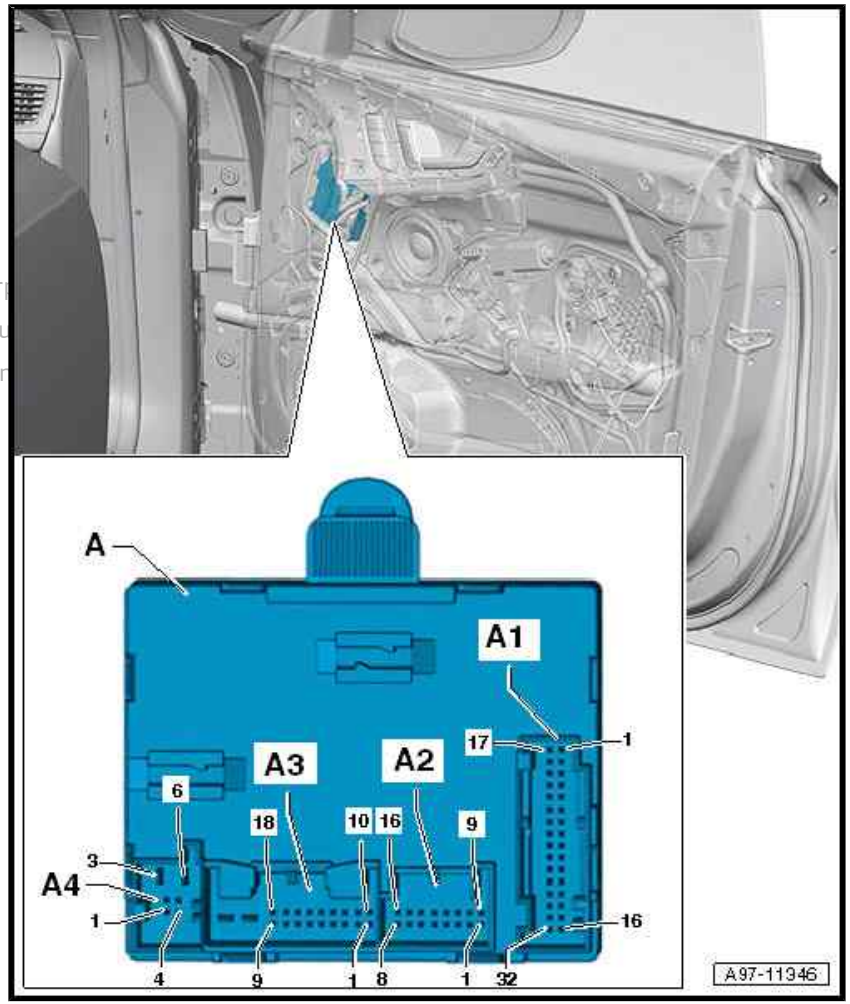
A1 - 32-pin connector -T32l- , blue

A2 - 16-pin connector -T16m- , black

A3 - 20-pin connector -T20f- , black

A4 - 6-pin connector -T6at- , black

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1.18 Fitting location, data bus diagnostic interface -J533-

Fitting location

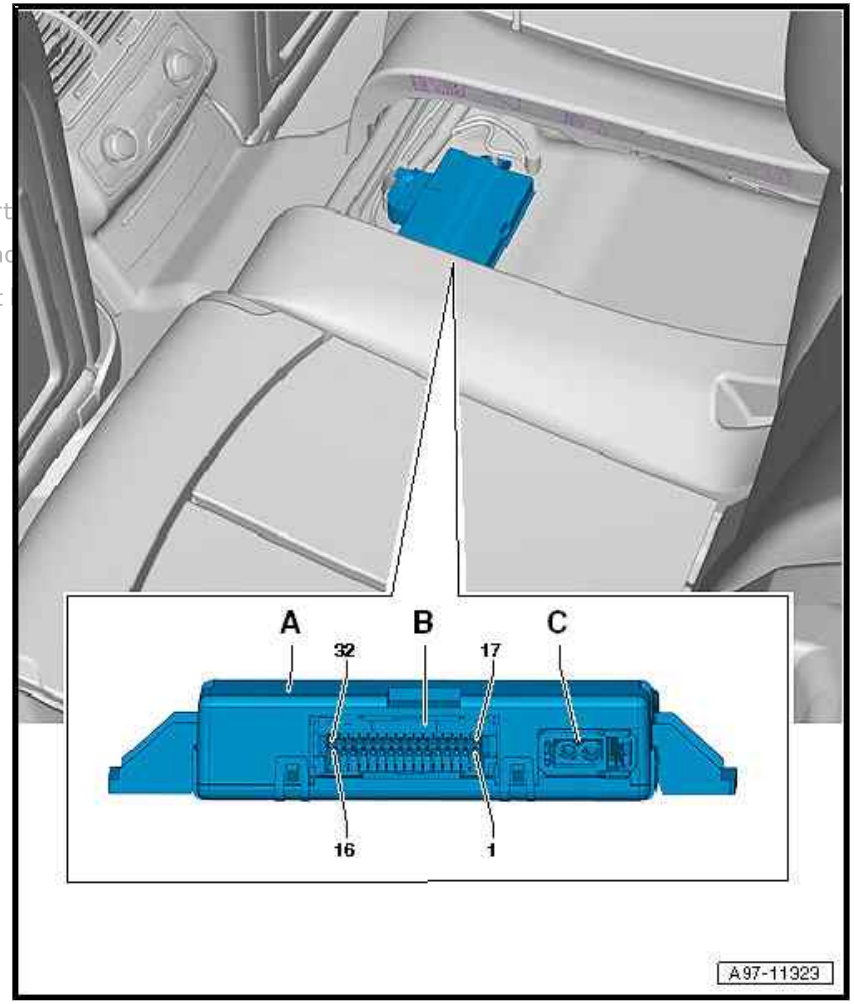
Under rear seat bench -A-.

A - Data bus diagnostic interface -J533-

B - 32-pin connector -T32b- , black

C - 2-pin connector -T2aq- , MOST bus, black

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1.19 Fitting location, operating and display unit for rear air conditioner -E265-

Fitting location

In rear centre console -B-.

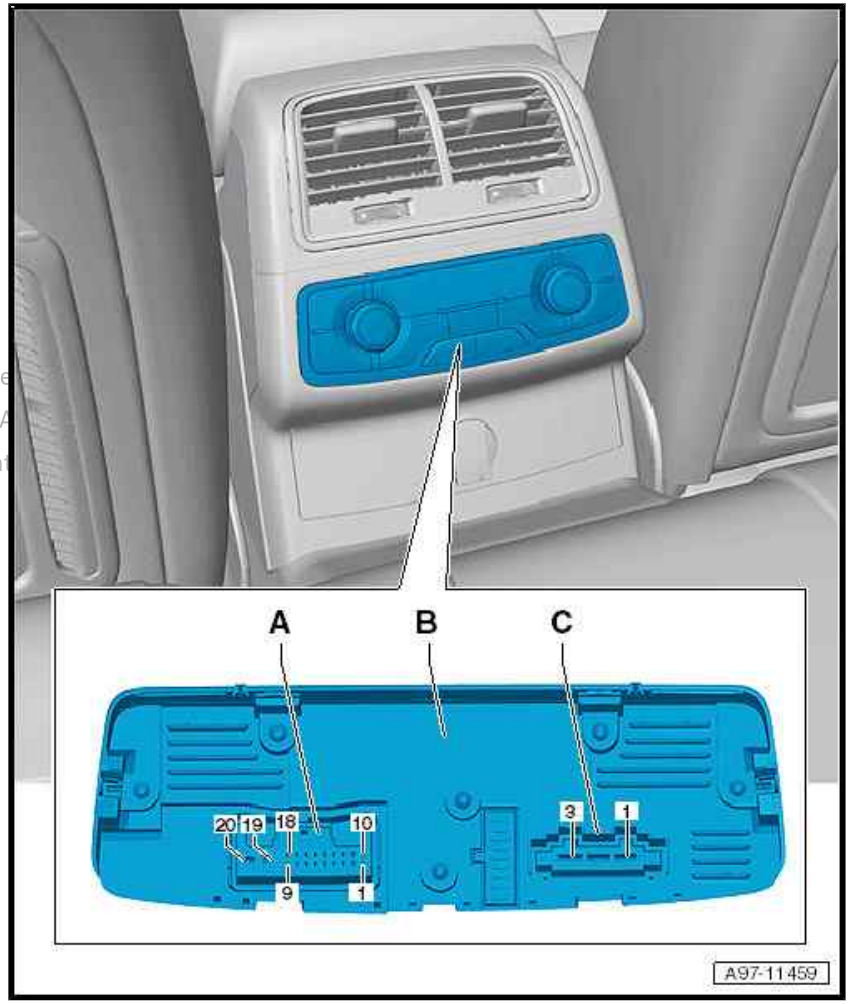
A - 3-pin connector -T3r- , black

B - Operating and display unit for rear air conditioner -E265-

- ❑ with heated rear left seat switch with regulator -E128- , heated rear right seat switch with regulator -E129-

C - 20-pin connector -T20a- , black

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1.20 Fitting location, power latching control unit -J657-

Fitting location

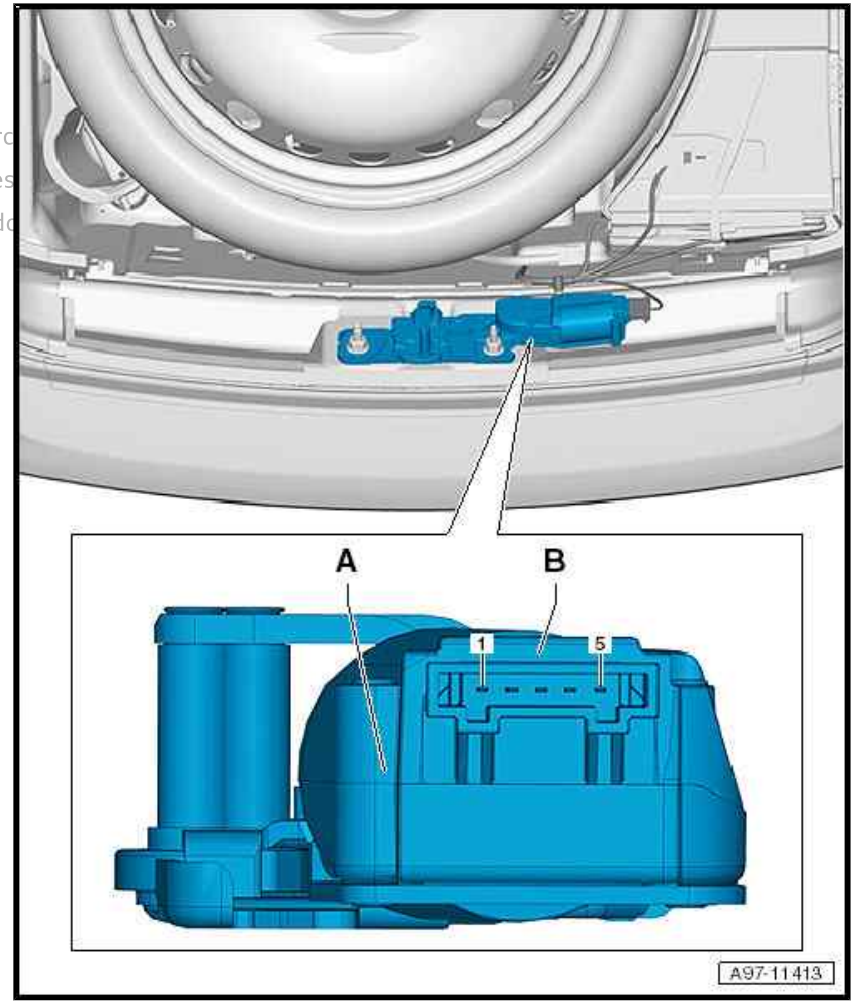
Under rear end strip -A-.

A - Power latching control unit -J657-

- ❑ with power latching motor for rear lid -V382- , power latching system limit switch, luggage compartment unlocked -F332- , power latching system limit switch, luggage compartment locked -F333-

B - 5-pin connector -T5ag- , black

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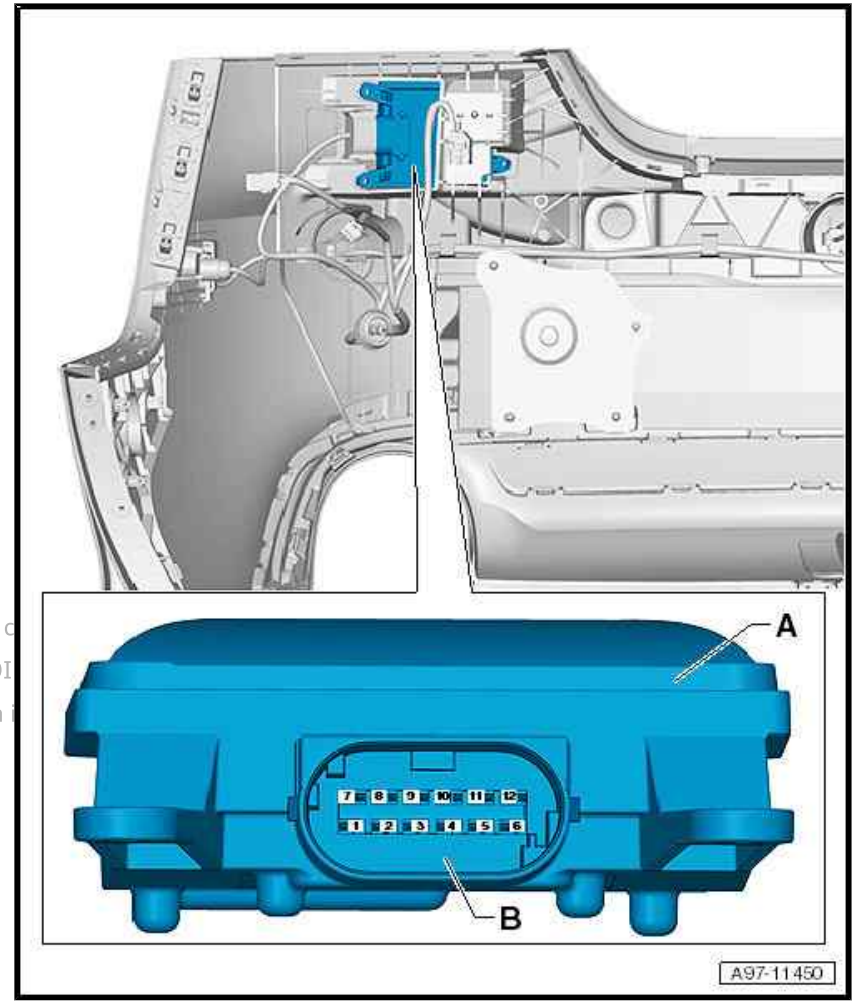
1.21 Fitting location, lane change assist control unit -J769-

Fitting location

On right in rear bumper trim -A-.

A - Lane change assist control unit -J769-

B - 12-pin connector -T12t- , black



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1.22 Fitting location, lane change assist control unit 2 -J770-

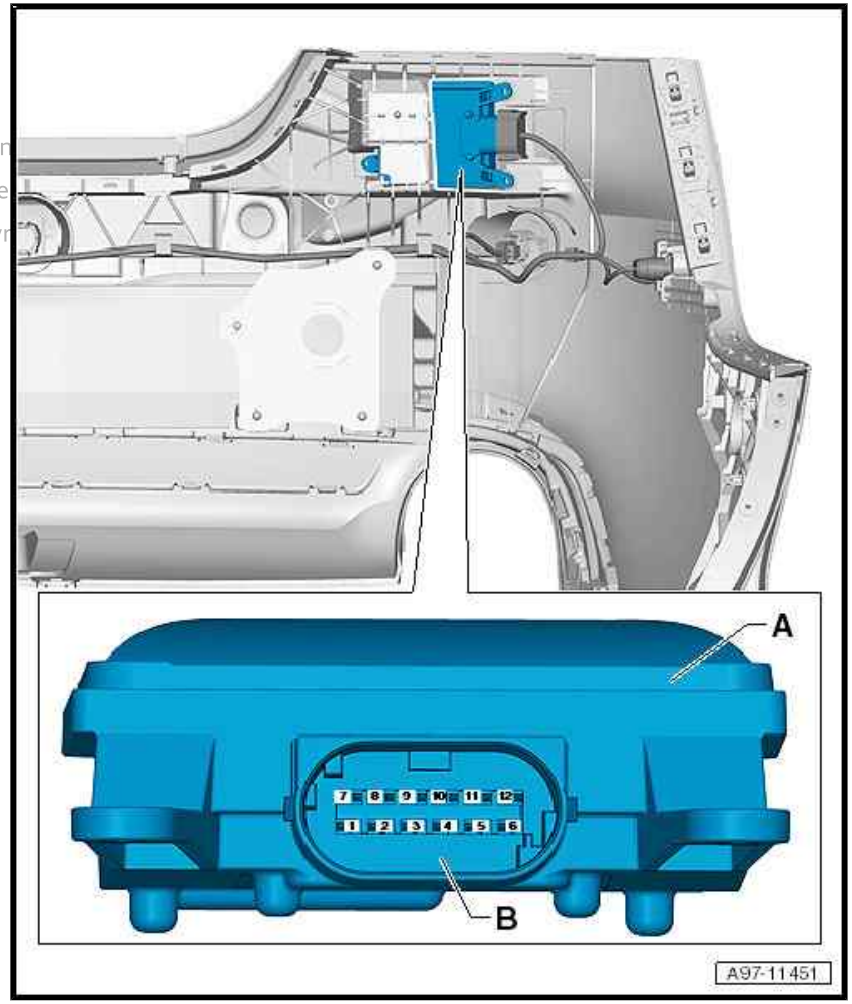
Fitting location

On left in rear bumper trim -A-.

A - Lane change assist control unit 2 -J770-

B - 12-pin connector -T12u- , black

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1.23 Fitting location, remote control receiver for auxiliary heater -R64-

Fitting location

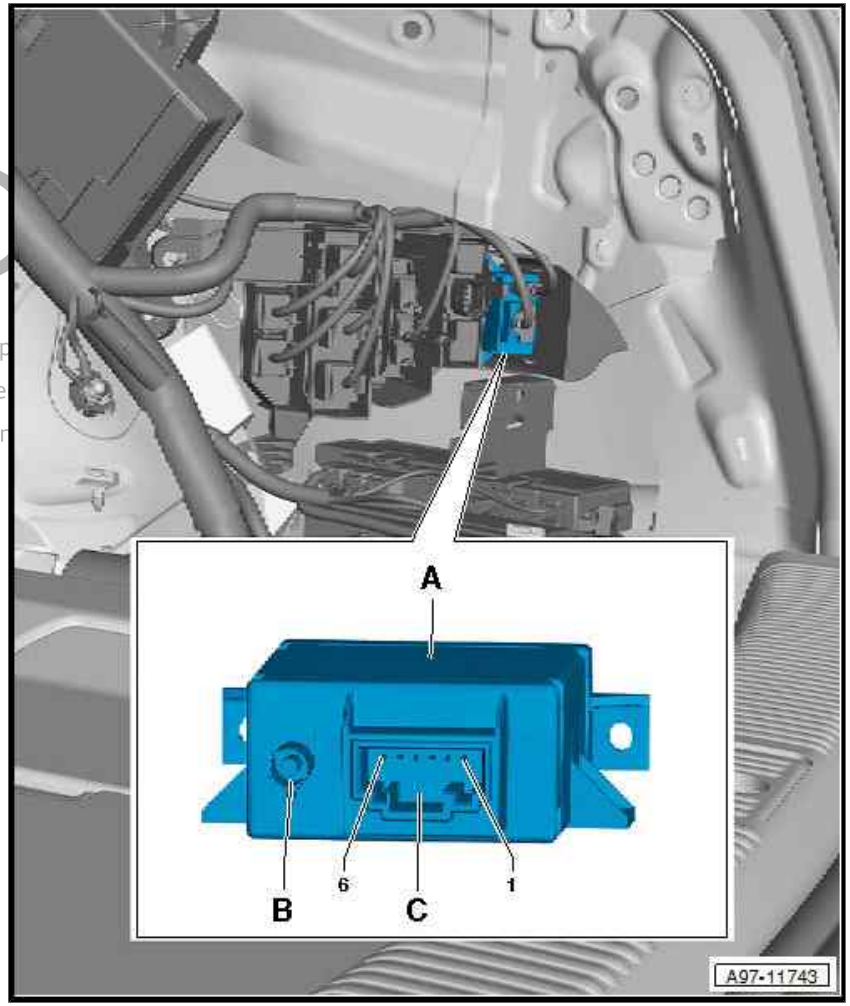
On right in luggage compartment, behind the side trim -A-.

A - Remote control receiver for auxiliary heater -R64-

B - 2-pin connector -T2cv- , to Roof aerial -R216-

C - 6-pin connector -T6v- , blue

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1.24 Fitting location, interface control unit for vehicle location system -J843-

Fitting location

On right in luggage compartment, behind the side trim -A-.

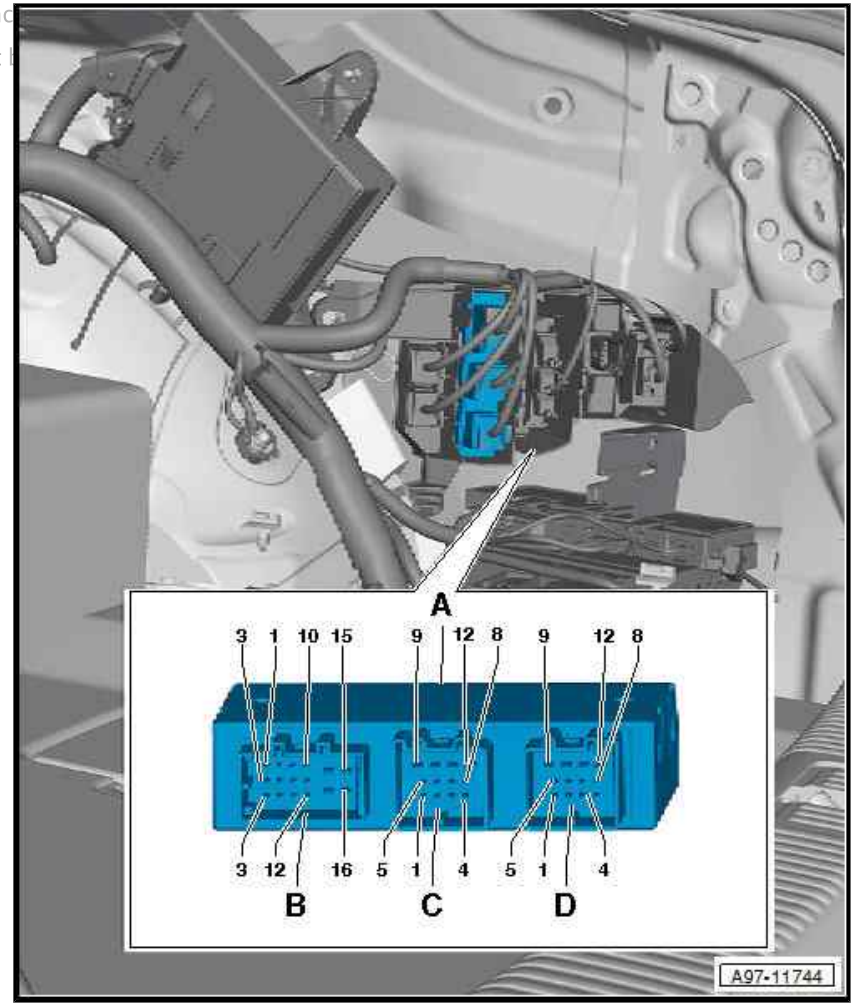
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A - Interface control unit for vehicle location system -J843-

B - Not assigned

C - 12-pin connector -T12o- , brown

D - Not assigned



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1.25 Fitting location, engine sound generator control unit -J943-

⇒ "1.25.1 Fitting location, engine sound generator control unit J943 , models without hybrid drive", page 31

⇒ "1.25.2 Fitting location, engine sound generator control unit J943 , models with hybrid drive from July 2017", page 32

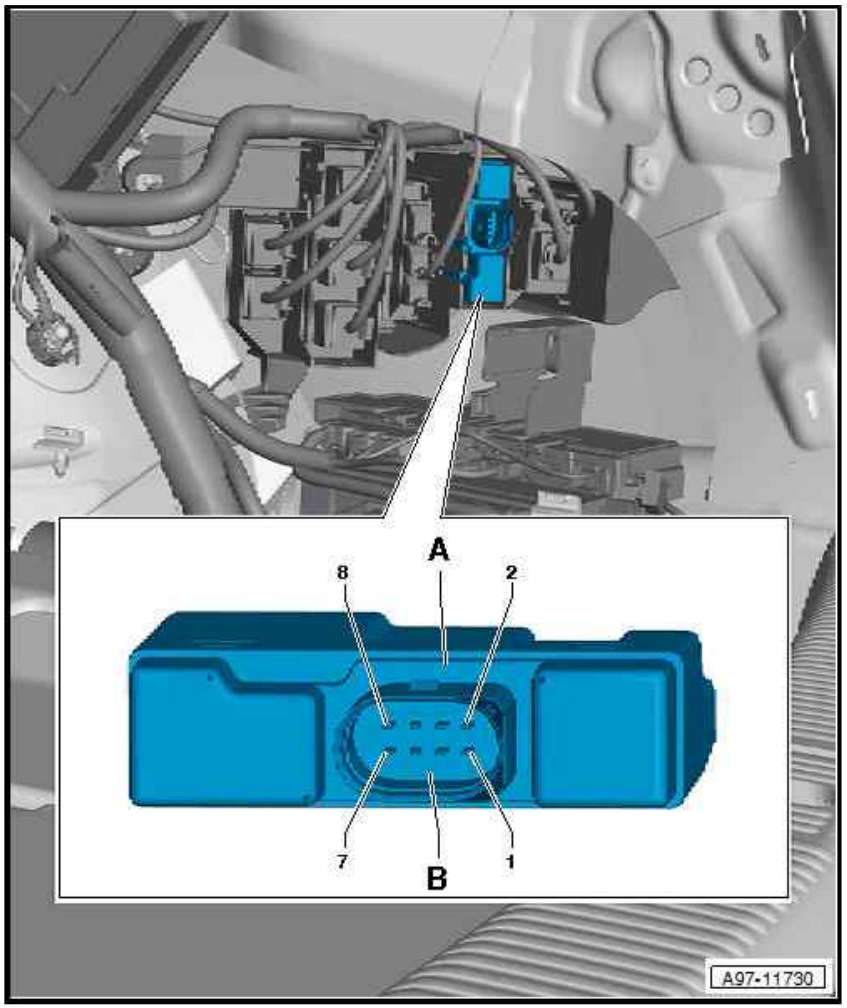
1.25.1 Fitting location, engine sound generator control unit -J943- , models without hybrid drive

Fitting location

On right in luggage compartment, behind the side trim -A-.

A - Engine sound generator control unit -J943-

B - 8-pin connector -T8ax- , black



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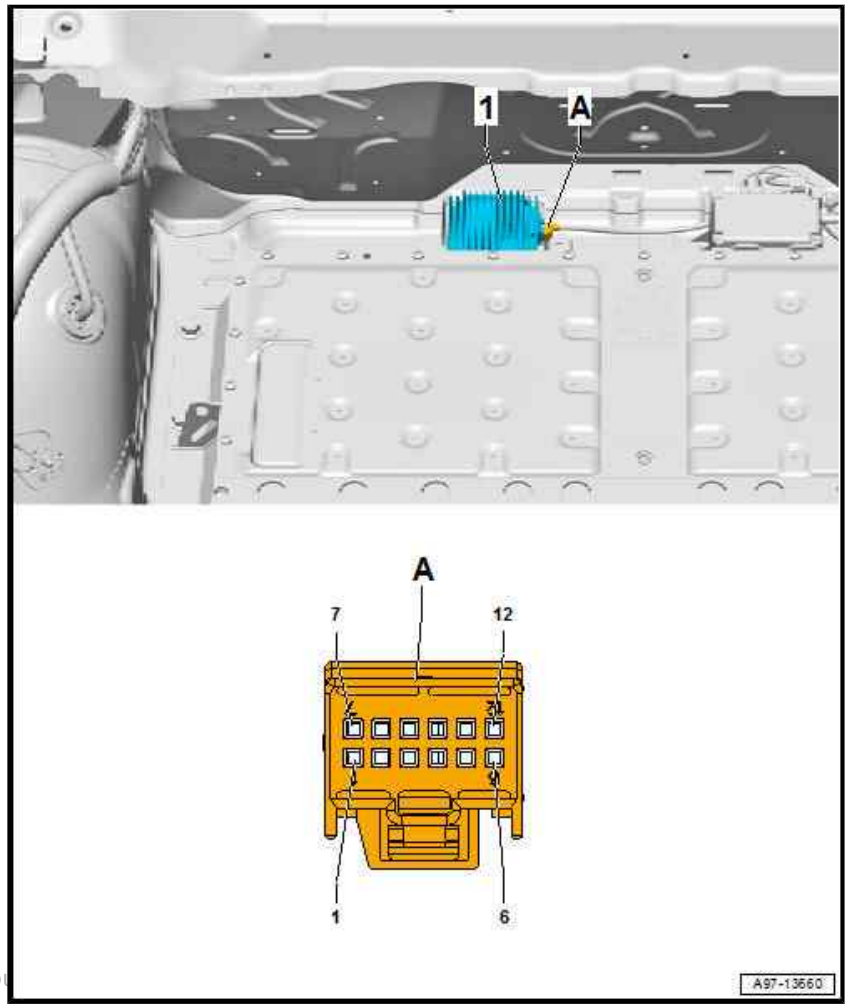
1.25.2 Fitting location, engine sound generator control unit -J943- , models with hybrid drive from July 2017

Fitting location

In front centre right of luggage compartment, in front of hybrid battery unit -AX1- .

1 - Engine sound generator control unit -J943-

A - 12-pin connector -T12ar- , black



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1.26 Fitting location, battery monitor control unit -J367-

Fitting location

In luggage compartment, on the battery -A- -4-.

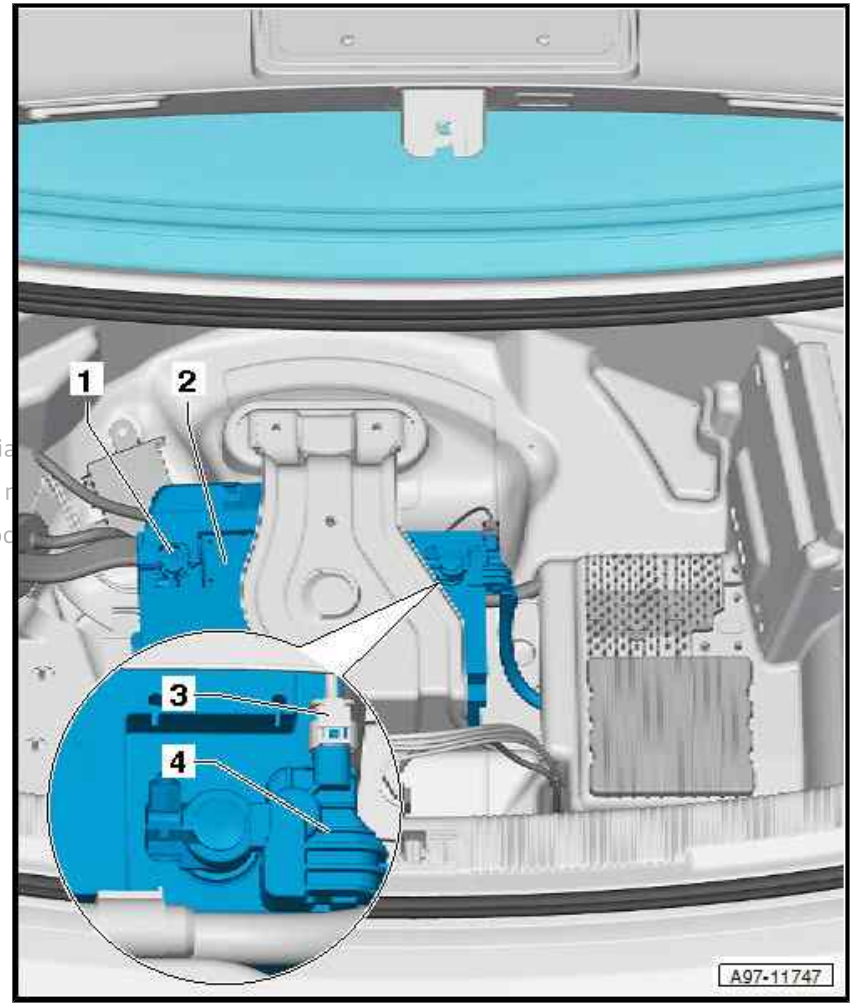
1 - Battery positive connection

2 - Battery -A-

3 - 2-pin connector -T2a- , yellow

4 - Battery monitor control unit -J367-

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1.27 Fitting location, seat heating control unit -J882-

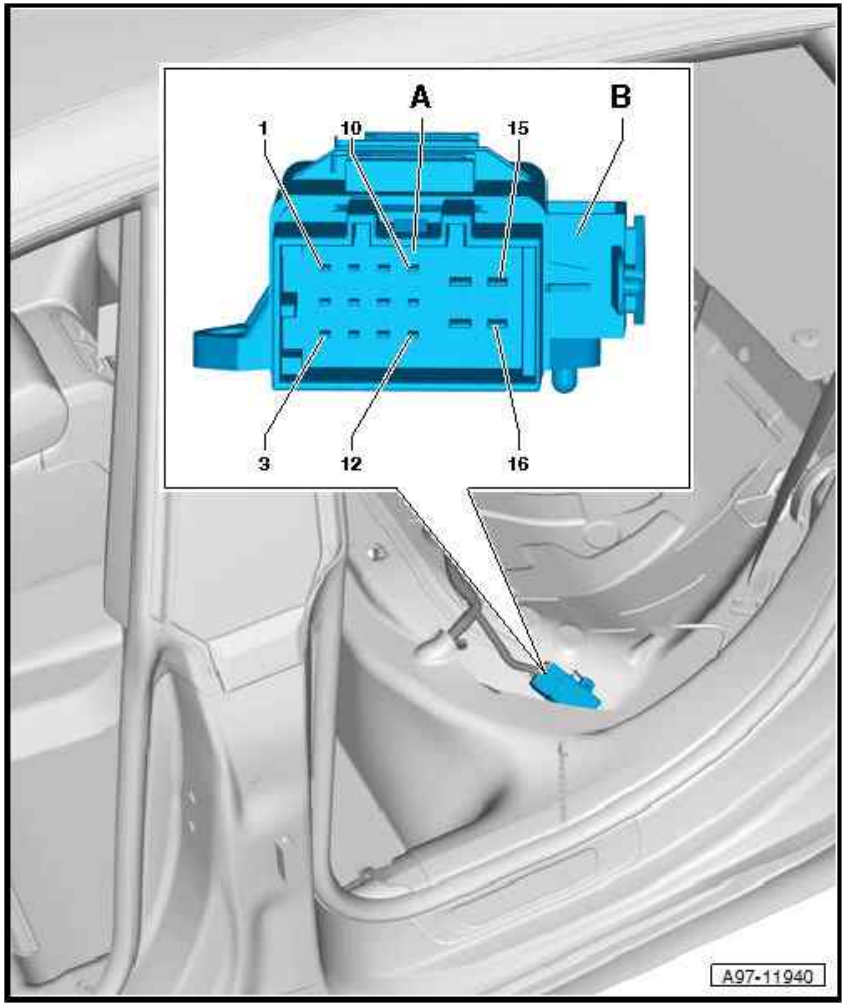
Fitting location

On left under rear seat bench -A-.

A - 16-pin connector -T16d- , black

B - Seat heating control unit -J882-

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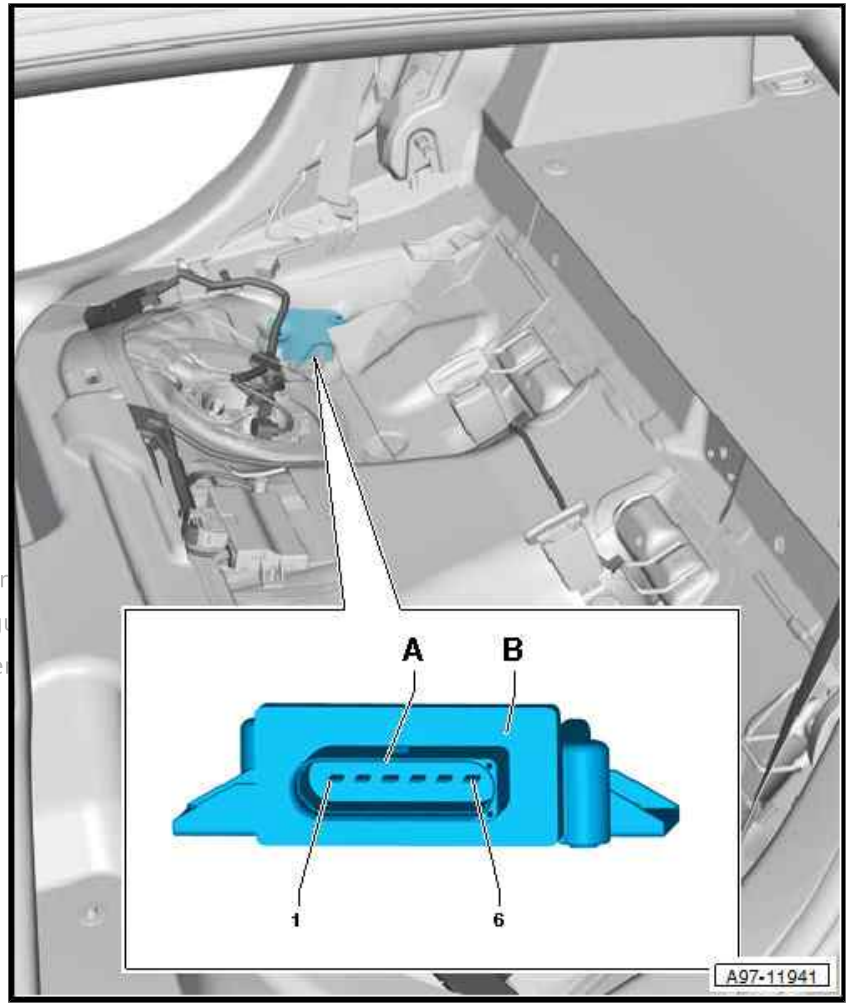
1.28 Fitting location, fuel pump control unit -J538-

Fitting location

On right under rear seat bench on underbody -A-.

A - 6-pin connector -T6ar- , black

B - Fuel pump control unit -J538-



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1.29 Fitting location, Control unit for fuel tank leak detection -J909-

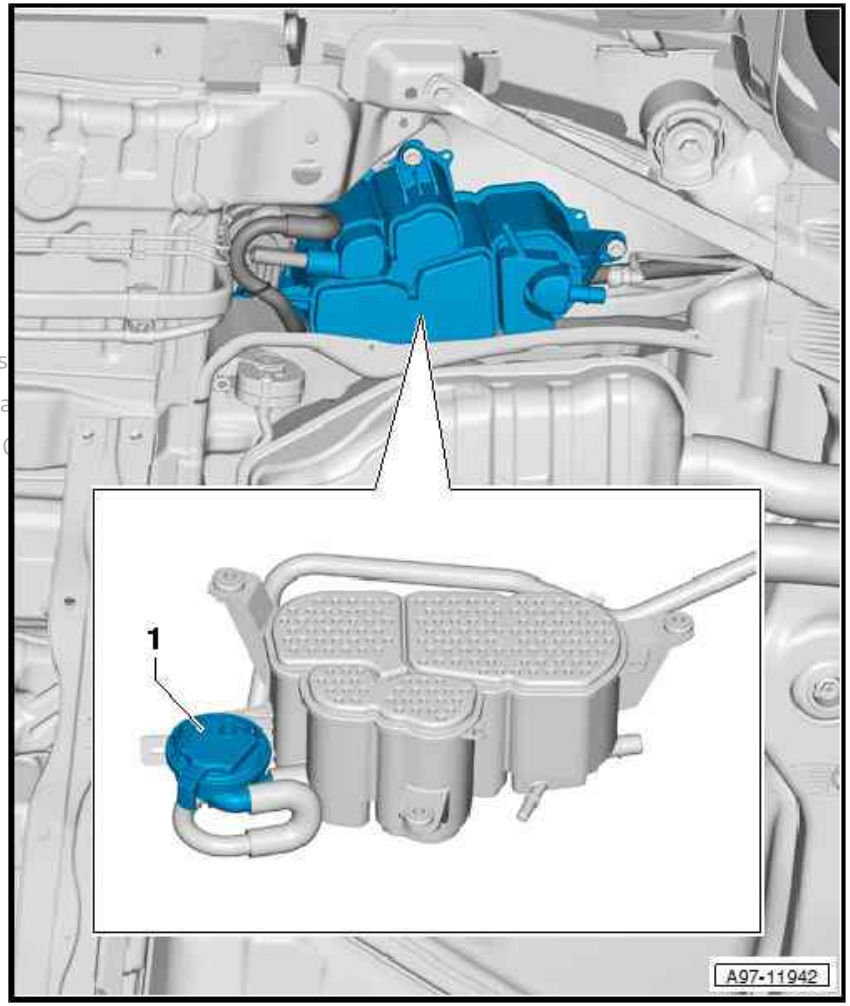
Fitting location

On underbody at left of fuel tank -1-.

1 - Control unit for fuel tank leak detection -J909-

- ❑ 3-pin connector -T3s- , black

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1.30 Fitting location, sunroof roller blind control unit -J394- / sunroof roller blind motor -V260-

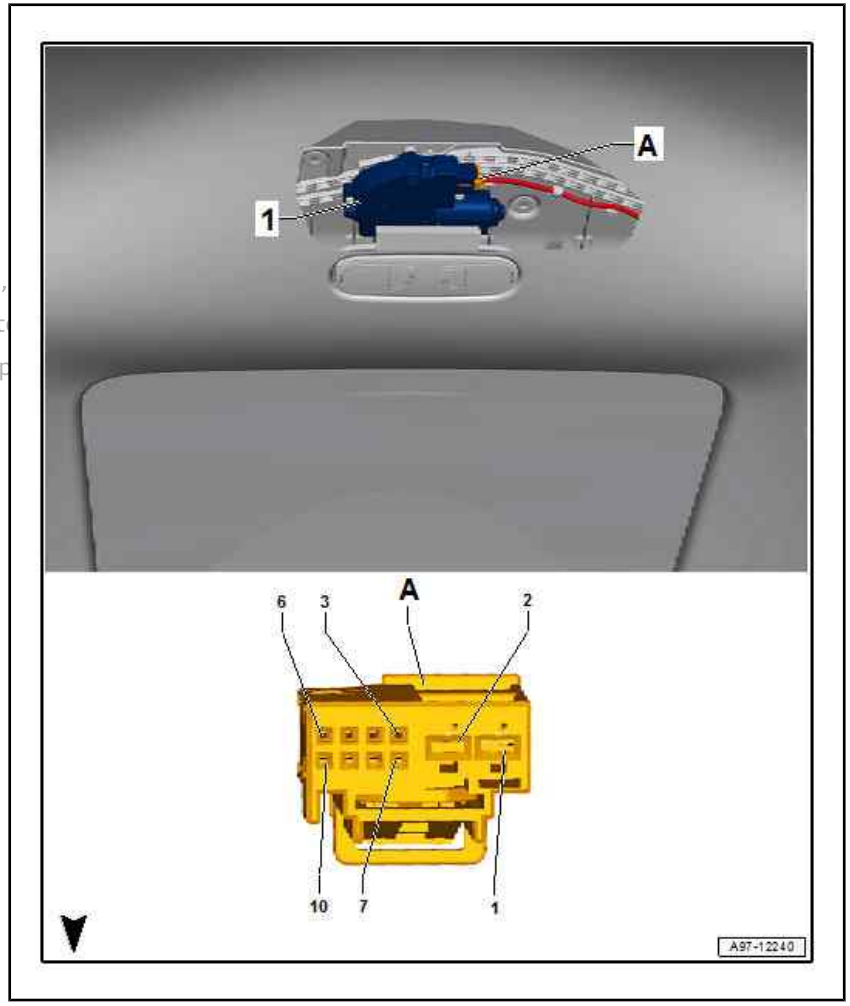
Fitting location

In rear of roof -1-.

1 - Sunroof roller blind control unit -J394- / Sunroof roller blind motor -V260-

A - 10-pin connector -T10ar-

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Connector assignment, sunroof roller blind control unit -J394-

-T10ar- (A)	Designation		-T10ar- (A)	Designation
1	LIN bus (LIN bus) connection, in roof wiring harness B699 Connection 4 (LIN bus) in main wiring harness Convenience system central control unit -J393-		6	Not assigned
2			7	Not assigned
3			8	Bridge to pin 4
4	Bridge to pin 8		9	Terminal 31, to 178 earth connection in sliding sunroof wiring harness Earth connection 4 in main wiring harness 44 Earth point on lower part of left A-pillar
5	Button 2 for roof roller blind -E585-		10	Terminal 30, from fuse holder B -SB-

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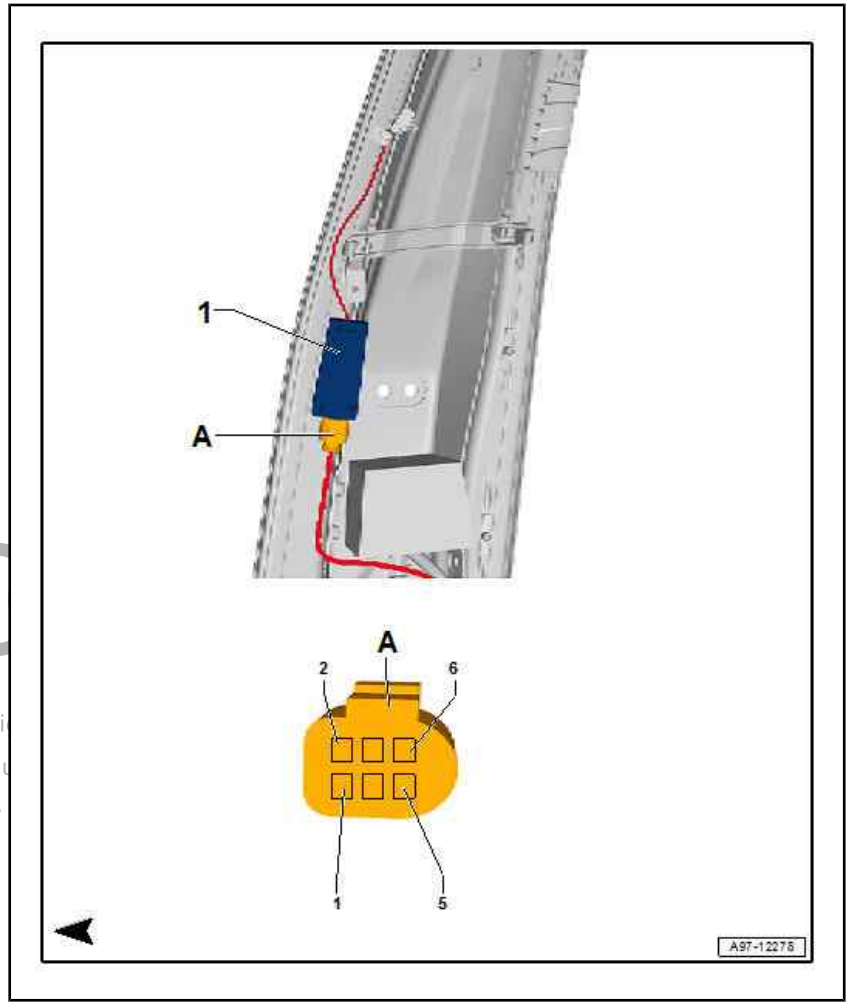
1.31 Fitting location, control unit for air ionisation system -J897-

Fitting location

On right B-pillar -1-.

1 - Control unit for air ionisation system -J897-

A - 6-pin connector -T6bp- , black



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Connector assignment, control unit for air ionisation system -J897-

-T6bp- (A)	Designation		-T6bp- (A)	Designation
1	Terminal 15, from B281 positive connection 5 (15a) in main wiring harness Fuse holder B -SB-		4	Button for air ionisation system -E677-

-T6bp- (A)	Designation		-T6bp- (A)	Designation
2	Terminal 31, to (366) earth connection 1 in main wiring harness (44) Earth point on lower part of left A-pillar		5	Button for air ionisation system -E677-
3	LIN bus, operating and display unit for rear air conditioner -E265-		6	Button for air ionisation system -E677-

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1.32 Fitting location, rear lid power opening control unit -J938-

Fitting location

Behind the rear bumper cover -1-.

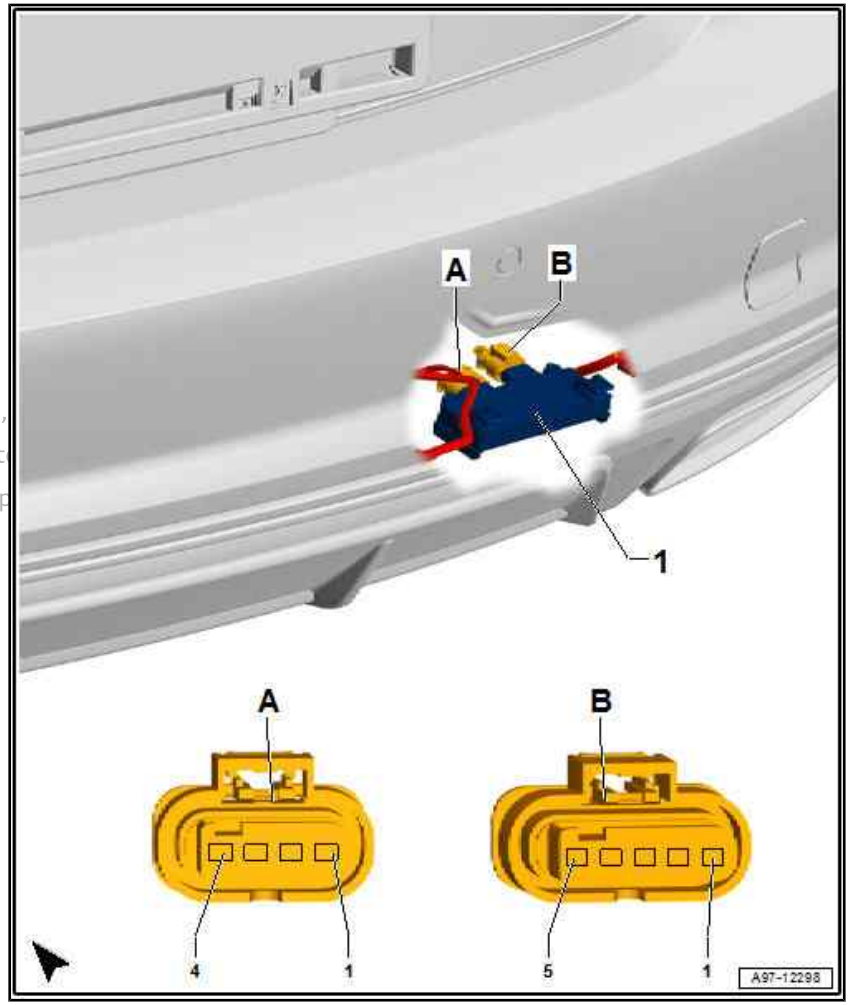
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1 - Rear lid power opening control unit -J938-

A - 4-pin connector -T4fh- , black

B - 5-pin connector -T5ao- , black

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Connector assignment, rear lid power opening control unit -J938-

-T4fh- (A)	Designation		-T5ao- (B)	Designation
1	Terminal 30, from rear lid remote release fuse -S195-		1	Rear lid power opening sender -G750-
2	Terminal 31, to (744) earth point in spare wheel well		2	Rear lid power opening sender -G750-
3	LIN bus, to convenience system central control unit -J393-		3	

-T4fh- (A)	Designation		-T5ao- (B)	Designation
4			4	Rear lid power opening sender 2 -G760-
			5	Rear lid power opening sender 2 -G760-

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1.33 Fitting location, TV tuner -R78- , from model year 2015

Fitting location

In luggage compartment on left, behind side trim -1-.

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1 - TV tuner -R78-

A - 2-pin connector -T2ne- , brown, TV1, Aerial amplifier 3 -R112- (saloon)/ Aerial amplifier -R24- (Avant)

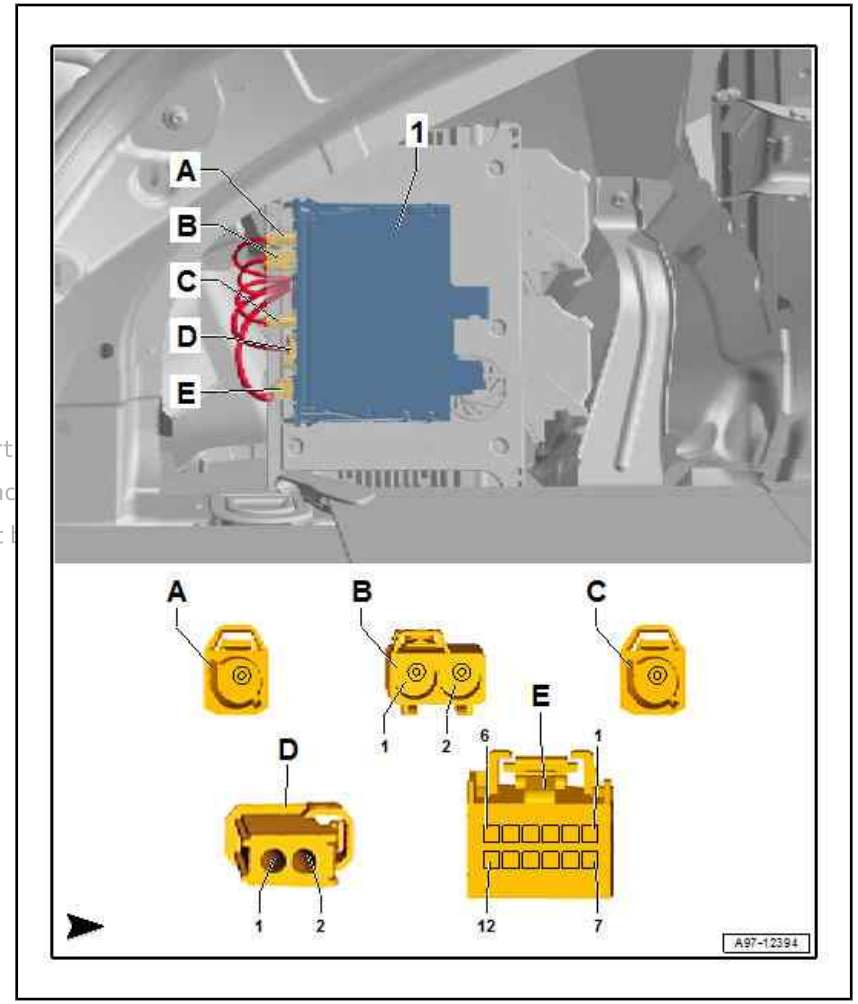
B - 4-pin connector -T4as- , green, TV2/TV3, Aerial amplifier -R24- , Aerial amplifier 4 -R113- (Saloon)/ Aerial amplifier 3 -R112- , Aerial amplifier 4 -R113- (Avant)

C - Not assigned

D - 2-pin connector -T2lq- , MOST bus, black

E - 12-pin connector -T12af- , black

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Connector assignment, TV tuner -R78-

-T12af- (E)	Designation		-T12af- (E)	Designation
1	Terminal 30, from fuse holder F -SF-		7	Audio out L
2	Terminal 31, to (50) earth point on left in luggage compartment		8	Audio out R
3	Ri... break diagnosis wiring (B444) Connection 1 (diagnosis), in main wiring harness		9	Screen earth

-T12af- (E)	Designation		-T12af- (E)	Designation
4	Screen earth		10	Audio in L
5	Video out		11	Audio in R
6	Screen earth		12	Video in

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1.34 Fitting location, digital sound package control unit -J525- , Audi sound system (9VD), from model year 2015

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Fitting location

In luggage compartment on left, behind side trim -1-.

Note

- *The digital sound package control unit -J525- is only installed in the Audi sound system (9VD) in*
- *In the Audi sound system (9VD) without noise compensation ANC (EP0), the speakers are conne*

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1 - Digital sound package control unit -J525-

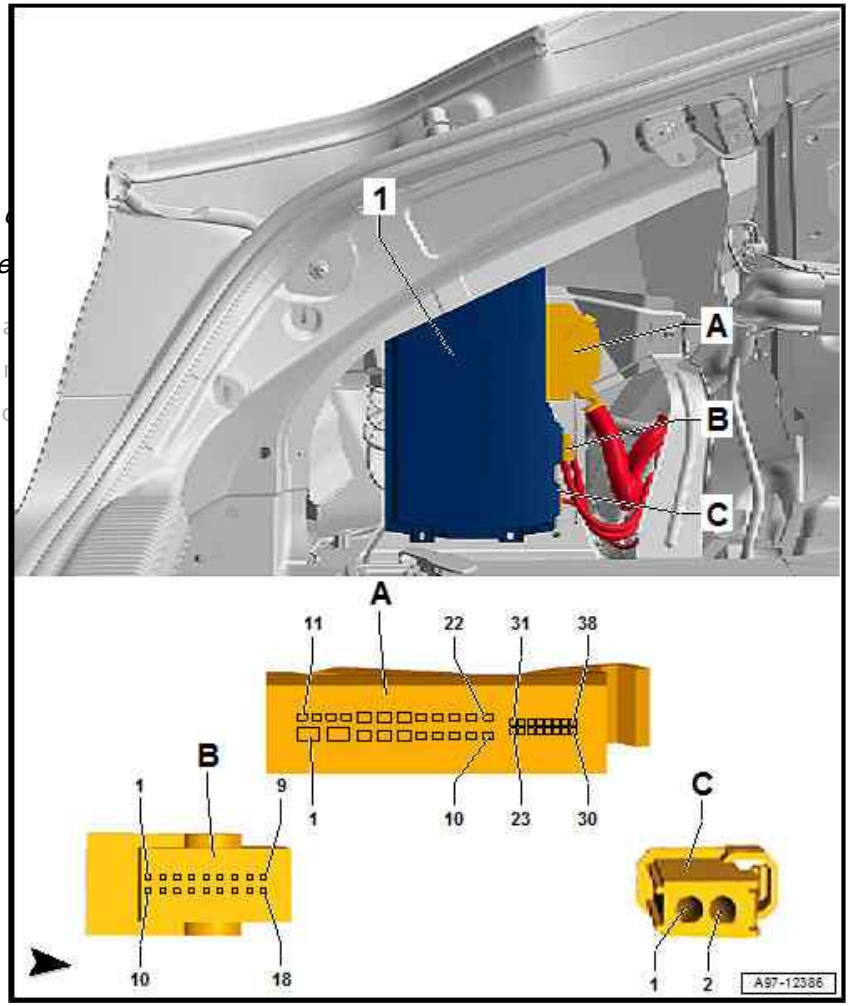
A - 38-pin connector -T38- , black

- ❑ Connector assignment in conjunction with Radio (8DN, 8DP, 8DS) ⇒ page 45
- ❑ Connector assignment in conjunction with MMI Navigation plus (I8H) ⇒ page 47

B - 18-pin connector -T18i- , black

- ❑ Connector assignment in conjunction with Radio (8DN, 8DP, 8DS) ⇒ page 45
- ❑ Connector assignment in conjunction with MMI Navigation plus (I8H) ⇒ page 47

C - 2-pin connector -T2ca- , MOST bus, black



Connector assignment, digital sound package control unit -J525- , radio, 8DN, 8DP, 8DS

-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
1			1	Terminal 30, from fuse carrier 4 -ST4- in fuse holder F -SF-		20	Front right mid-range loudspeaker -R104-
2			2	Terminal 31, to (50) earth point on left in luggage compartment[1)] (729) Earth point on rear left wheel housing[2)]		21	Front right loudspeaker -R3-

-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
3			3	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		22	Front left loudspeaker -R2-
4			4	Front left bass loudspeaker -R21-		23	
5			5	Subwoofer -R211-		24	
6	Noise cancellation microphone 3 -R287-		6			25	Ring break diagnostic cable to B444 connection 1 (diagnosis) in main wiring harness
7	Noise cancellation microphone 3 -R287-		7	Front left mid-range loudspeaker -R103-		26	
8	Noise cancellation microphone 4 -R288-		8	Front right mid-range loudspeaker -R104-		27	
9	Noise cancellation microphone 4 -R288-		9	Front right loudspeaker -R3-		28	Screen earth for internal microphone -R74- in the microphone unit in front roof module -R164-
10	Engine control unit -J623- / Power unit mounting control unit -J931-		10	Front left loudspeaker -R2-		29	Internal microphone -R74- in the microphone unit in front roof module -R164-
11	Terminal 31, to 397 earth connection 32 in main wiring harness		11	Front right bass loudspeaker -R23-		30	Internal microphone -R74- in the microphone unit in front roof module -R164-
12			12	Front right bass loudspeaker -R23-		31	Centre loudspeaker -R208-
13	Noise cancellation microphone 2 -R286-		13	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		32	Centre loudspeaker -R208-
14	Noise cancellation microphone 2 -R286-		14	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		33	
15			15	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		34	
16	Noise cancellation microphone 1 -R285-		16	Front left bass loudspeaker -R21-		35	
17	Noise cancellation microphone 1 -R285-		17	Subwoofer -R211-		36	
18			18			37	
			19	Front left mid-range loudspeaker -R103-		38	

- 1) Saloon models only
- 2) Avant models only

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Connector assignment, digital sound package control unit -J525- , MMI Navigation plus, I8H

-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
1			1	Terminal 30, from fuse carrier 4 -ST4- in fuse holder F -SF-		20	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-
2			2	Terminal 31, to (50) earth point on left in luggage compartment[1)] (729) Earth point on rear left wheel housing[2)]		21	
3			3			22	
4			4	Subwoofer -R211-		23	
5			5			24	
6	Noise cancellation microphone 3 -R287-		6			25	Ring break diagnostic cable to (B444) connection 1 (diagnosis) in main wiring harness
7	Noise cancellation microphone 3 -R287-		7	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		26	Front right mid-range loudspeaker -R104-
8	Noise cancellation microphone 1 -R285-		8	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		27	Front right mid-range loudspeaker -R104-
9	Noise cancellation microphone 1 -R285-		9			28	Screen earth for internal microphone -R74- in the microphone unit in front roof module -R164-
10	Engine control unit -J623- / Power unit mounting control unit -J931-		10			29	Internal microphone -R74- in the microphone unit in front roof module -R164-
11	Terminal 31, to (397) earth connection 32 in main wiring harness		11	Front left bass loudspeaker -R21-		30	Internal microphone -R74- in the microphone unit in front roof module -R164-
12			12	Front left bass loudspeaker -R21-		31	Centre loudspeaker -R208-
13	Noise cancellation microphone 4 -R288-		13	Front right bass loudspeaker -R23-		32	Centre loudspeaker -R208-
14	Noise cancellation microphone 4 -R288-		14	Front right bass loudspeaker -R23-		33	Front right loudspeaker -R3-
15			15			34	Front right loudspeaker -R3-
16	Noise cancellation microphone 2 -R286-		16	Subwoofer -R211-		35	Front left loudspeaker -R2-
17	Noise cancellation microphone 2 -R286-		17			36	Front left loudspeaker -R2-
18			18			37	Front left mid-range loudspeaker -R103-
			19	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		38	Front left mid-range loudspeaker -R103-

◆ 1) Saloon models only

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♦ 2) Avant models only

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1.35 Fitting location, digital sound package control unit -J525- , Bose Surround Sound, 8RY, from model year 2015

Fitting location

In luggage compartment on left, behind side trim -1-.

1 - Digital sound package control unit -J525-

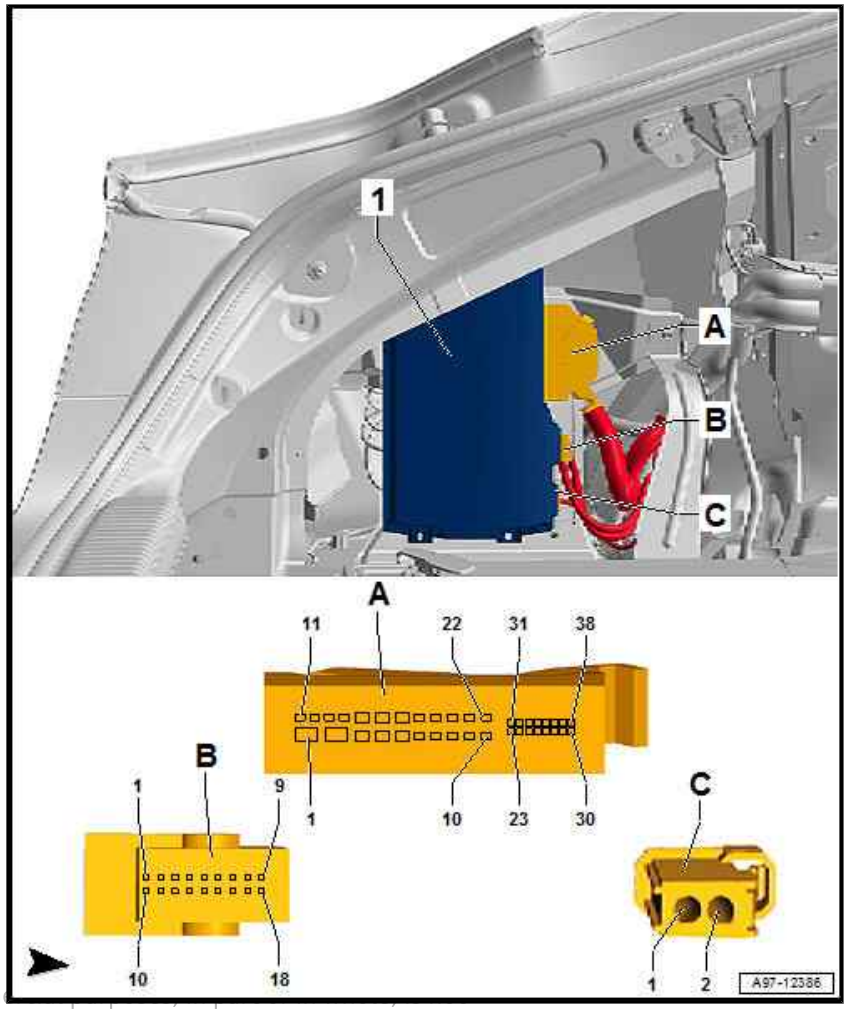
A - 38-pin connector -T38- , black

- ❑ Connector assignment in conjunction with Radio (8DN, 8DP, 8DS) ⇒ page 49
- ❑ Connector assignment in conjunction with MMI Navigation plus (I8H) ⇒ page 50

B - 18-pin connector -T18i- , black

- ❑ Connector assignment in conjunction with Radio (8DN, 8DP, 8DS) ⇒ page 49
- ❑ Connector assignment in conjunction with MMI Navigation plus (I8H) ⇒ page 50

C - 2-pin connector -T2ca- , MOST bus, black



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Connector assignment, digital sound package control unit -J525- , radio, 8DN, 8DP, 8DS

-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
1			1	Terminal 30, from fuse carrier 4 -ST4- in fuse holder F -SF-		20	Front right mid-range loudspeaker -R104-
2			2	Terminal 31, to (50) earth point on left in luggage compartment[2)] (729) Earth point on rear left wheel housing[3)]		21	Front right loudspeaker -R3-
3			3	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		22	Front left loudspeaker -R2-
4			4	Front left bass loudspeaker -R21-		23	
5			5	Subwoofer -R211-		24	
6	Noise cancellation microphone 3 -R287- [1)]		6			25	Ring break diagnostic cable to (B444) connection 1 (diagnosis) in main wiring harness
7	Noise cancellation microphone 3 -R287- [1)]		7	Front left mid-range loudspeaker -R103-		26	
8	Noise cancellation microphone 4 -R288- [1)]		8	Front right mid-range loudspeaker -R104-		27	
9	Noise cancellation microphone 4 -R288- [1)]		9	Front right loudspeaker -R3-		28	Screen earth for internal microphone -R74- in the microphone unit in front roof module -R164-
10	Engine control unit -J623- / Power unit mounting control unit -J931- [1)]		10	Front left loudspeaker -R2-		29	Internal microphone -R74- in the microphone unit in front roof module -R164-
11	Terminal 31, to (397) earth connection 32 in main wiring harness [1)]		11	Front right bass loudspeaker -R23-		30	Internal microphone -R74- in the microphone unit in front roof module -R164-
12			12	Front right bass loudspeaker -R23-		31	Centre loudspeaker -R208-
13	Noise cancellation microphone 2 -R286- [1)]		13	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		32	Centre loudspeaker -R208-
14	Noise cancellation microphone 2 -R286- [1)]		14	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		33	Left effect loudspeaker -R209-
15			15	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		34	Left effect loudspeaker -R209-
16	Noise cancellation microphone 1 -R285- [1)]		16	Front left bass loudspeaker -R21-		35	
17	Noise cancellation microphone 1 -R285- [1)]		17	Subwoofer -R211-		36	
18			18			37	Right effect loudspeaker -R210-

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-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
			19	Front left mid-range loudspeaker -R103-		38	Right effect loudspeaker -R210-

- [1] Models with noise compensation ANC only (EP1)
- [2] Saloon models only
- [3] Avant models only

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Connector assignment, digital sound package control unit -J525- , MMI Navigation plus, I8H

-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
1			1	Terminal 30, from fuse carrier 4 -ST4- in fuse holder F -SF-		20	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-
2			2	Terminal 31, to (50) earth point on left in luggage compartment[2] (729) Earth point on rear left wheel housing[3]		21	Left effect loudspeaker -R209-
3			3			22	Right effect loudspeaker -R210-
4			4	Subwoofer -R211-		23	
5			5			24	
6	Noise cancellation microphone 3 -R287- [1]		6			25	Ring break diagnostic cable to (B444) connection 1 (diagnosis) in main wiring harness
7	Noise cancellation microphone 3 -R287- [1]		7	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		26	Front right mid-range loudspeaker -R104-
8	Noise cancellation microphone 1 -R285- [1]		8	Rear right bass loudspeaker -R17- Rear right treble loudspeaker -R16-		27	Front right mid-range loudspeaker -R104-
9	Noise cancellation microphone 1 -R285- [1]		9	Left effect loudspeaker -R209-		28	Screen earth for internal microphone -R74- in the microphone unit in front roof module -R164-
10	Engine control unit -J623- / Power unit mounting control unit -J931- [1]		10	Right effect loudspeaker -R210-		29	Internal microphone -R74- in the microphone unit in front roof module -R164-
11	Terminal 31, to (397) earth connection 32 in main wiring harness [1]		11	Front left bass loudspeaker -R21-		30	Internal microphone -R74- in the microphone unit in front roof module -R164-
12			12	Front left bass loudspeaker -R21-		31	Centre loudspeaker -R208-
13	Noise cancellation microphone 4 -R288- [1]		13	Front right bass loudspeaker -R23-		32	Centre loudspeaker -R208-

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-T18i- (B)	Designation		-T38- (A)	Designation		-T38- (A)	Designation
14	Noise cancellation microphone 4 -R288- 1)		14	Front right bass loudspeaker -R23-		33	Front right loudspeaker -R3-
15			15			34	Front right loudspeaker -R3-
16	Noise cancellation microphone 2 -R286- 1)		16	Subwoofer -R211-		35	Front left loudspeaker -R2-
17	Noise cancellation microphone 2 -R286- 1)		17			36	Front left loudspeaker -R2-
18			18			37	Front left mid-range loudspeaker -R103-
			19	Rear left bass loudspeaker -R15- / Rear left treble loudspeaker -R14-		38	Front left mid-range loudspeaker -R103-

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- 1) Models with noise compensation ANC only (EP1)
- 2) Saloon models only
- 32) Avant models only

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1.36 Fitting location, digital sound package control unit -J525- , Bang & Olufsen Advanced Sound System, 8RF, from model year 2015

Fitting location

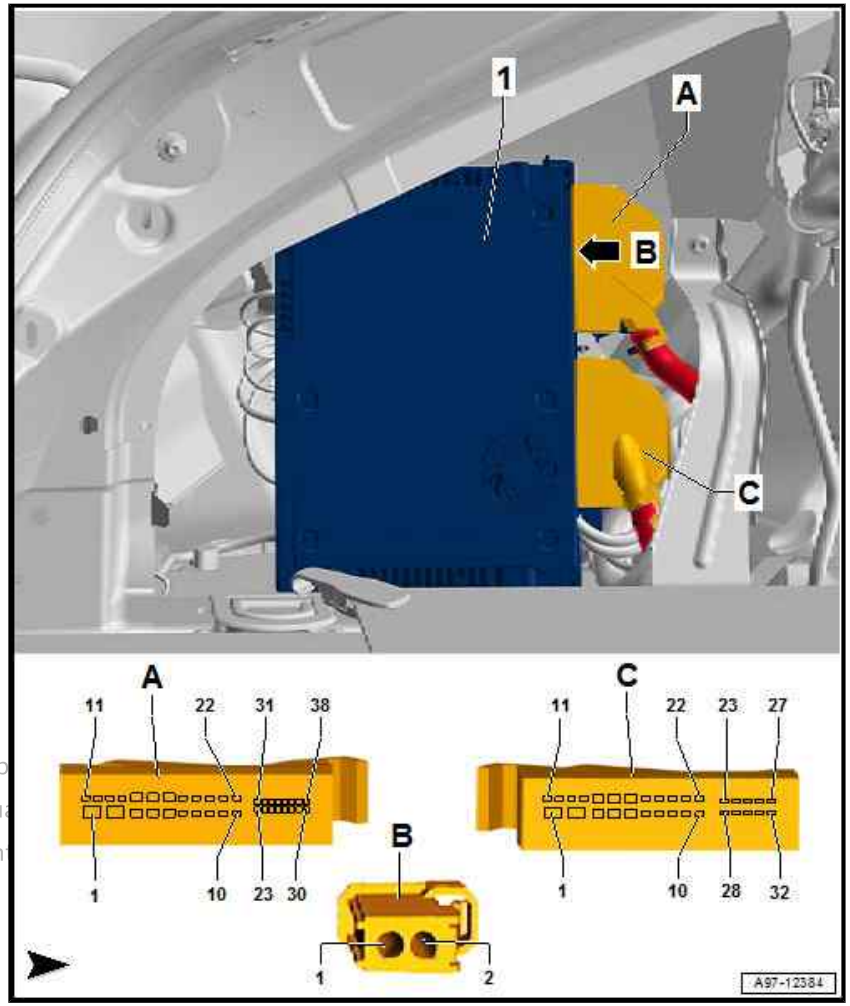
In luggage compartment on left, behind side trim -1-.

1 - Digital sound package control unit -J525-

A - 38-pin connector -T38- , black

B - 2-pin connector -T2ca- , MOST bus, black

C - 32-pin connector -T32e- , black



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Connector assignment, digital sound package control unit -J525-

-T32e- (C)	Designation		-T38- (A)	Designation
1			1	Terminal 30, from fuse carrier 1 (30) -S204- in fuse holder F -SF-
2			2	Terminal 31, to 50 earth point on left in luggage compartment
3			3	Subwoofer -R211-
4			4	Front left bass loudspeaker -R21-
5	Front left mid-range loudspeaker -R103-		5	Front right bass loudspeaker -R23-

-T32e- (C)	Designation		-T38- (A)	Designation
6	Front right mid-range loudspeaker -R104-		6	Rear left bass loudspeaker -R15-
7	Rear left treble loudspeaker -R14-		7	Rear right bass loudspeaker -R17-
8	Rear right treble loudspeaker -R16-		8	Control motor for front left treble speaker -V344-
9	Left effect loudspeaker -R209-		9	Control motor for front left treble speaker -V344-
10	Centre loudspeaker -R208-		10	Control motor for front left treble speaker -V344-
11			11	
12			12	
13	Ring break diagnostic cable to B444 connection 1 (diagnosis) in main wiring harness		13	
14			14	Engine control unit -J623- / Power unit mounting control unit -J931- 1)
15			15	Subwoofer -R211-
16	Terminal 31, to 397 earth connection 32 in main wiring harness 1)		16	Front left bass loudspeaker -R21-
17	Front left mid-range loudspeaker -R103-		17	Front right bass loudspeaker -R23-
18	Front right mid-range loudspeaker -R104-		18	Rear left bass loudspeaker -R15-
19	Rear left treble loudspeaker -R14-		19	Rear right bass loudspeaker -R17-
20	Rear right treble loudspeaker -R16-		20	Control motor for front right treble speaker -V345-
21	Left effect loudspeaker -R209-		21	Control motor for front right treble speaker -V345-
22	Centre loudspeaker -R208-		22	Control motor for front right treble speaker -V345-
23	Right effect loudspeaker -R210-		23	Internal microphone -R74- in the microphone unit in front roof module -R164-
24			24	Noise cancellation microphone 1 -R285- 1)
25	Centre loudspeaker 2 -R219-		25	Noise cancellation microphone 2 -R286- 1)
26	Front left treble loudspeaker -R20-		26	Noise cancellation microphone 3 -R287- 1)
27	Front right treble loudspeaker -R22-		27	Noise cancellation microphone 4 -R288- 1)
28	Right effect loudspeaker -R210-		28	
29			29	
30	Centre loudspeaker 2 -R219-		30	
31	Front left treble loudspeaker -R20-		31	Internal microphone -R74- in the microphone unit in front roof module -R164-
32	Front right treble loudspeaker -R22-		32	Noise cancellation microphone 1 -R285- 1)
			33	Noise cancellation microphone 2 -R286- 1)
			34	Noise cancellation microphone 3 -R287- 1)
			35	Noise cancellation microphone 4 -R288- 1)

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-T32e- (C)	Designation		-T38- (A)	Designation
			36	
			37	
			38	

◆ 1) Models with noise compensation ANC only (EP1)

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1.37 Fitting location, reversing camera system control unit -J772-

⇒ “1.37.1 Fitting location, reversing camera system control unit J772 , up to model year 2014”, page 54

⇒ “1.37.2 Fitting location, reversing camera system control unit J772 , model year 2015”, page 56

⇒ "1.37.3 Fitting location, reversing camera system control unit J772 , from model year 2016", page 58

1.37.1 Fitting location, reversing camera system control unit -J772- , up to model year 2014

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Fitting location

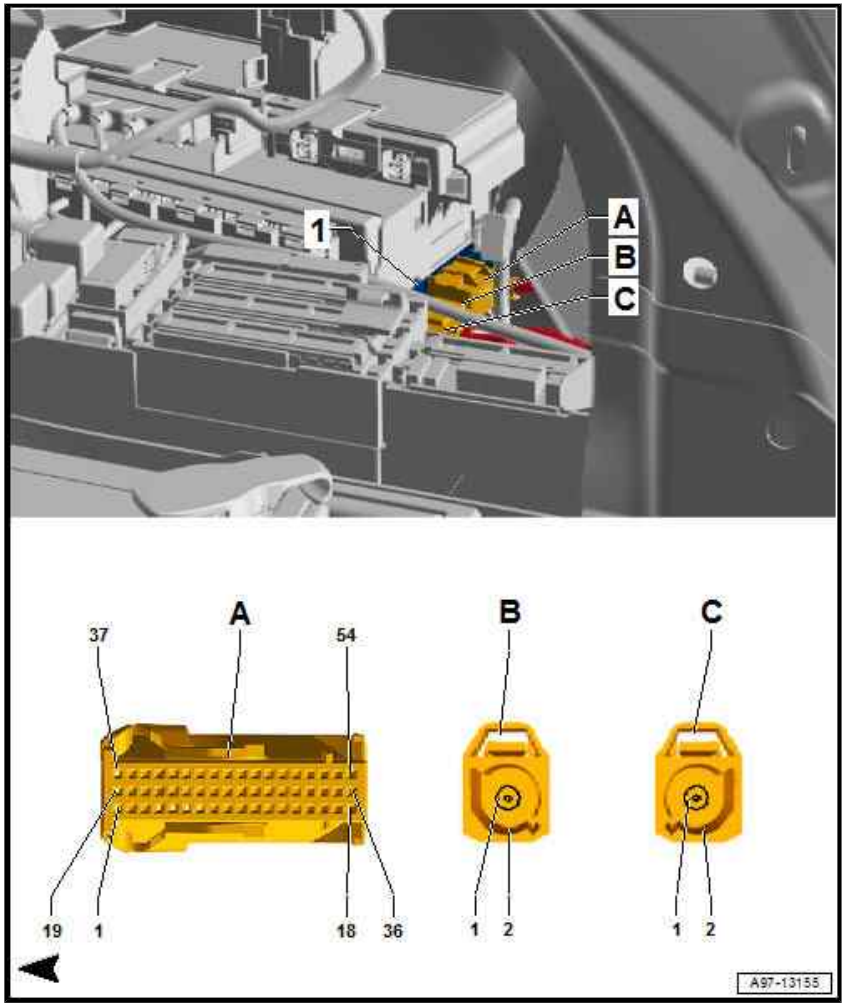
On right in luggage compartment, behind side trim -1-.

1 - Reversing camera system control unit -J772-

A - 54-pin connector -T54a-

B - 2-pin connector -T2df- , green, control unit 1 for information electronics -J794-

C - 2-pin connector -T2dg- , grey, reversing camera -R189-



Connector assignment, reversing camera system control unit -J772-

-T54a-	Designation		-T54a-	Designation		-T54a-	Designation
1			19			37	
2			20			38	
3			21			39	Dash panel insert CAN bus, low, to wiring junction for dash panel insert CAN bus, low -TV40-

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-T54a-	Designation		-T54a-	Designation		-T54a-	Designation
4			22			40	Dash panel insert CAN bus, high, to wiring junction for dash panel insert CAN bus, high -TV36-
5			23			41	
6			24			42	
7			25			43	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-
8			26			44	Terminal 31, to 51 earth point on right in luggage compartment
9			27			45	
10			28			46	
11			29			47	Reversing camera -R189-
12			30			48	Reversing camera -R189-
13			31			49	
14			32			50	
15			33			51	
16			34			52	
17			35			53	
18			36			54	

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1.37.2 Fitting location, reversing camera system control unit -J772- , model year 2015

Fitting location

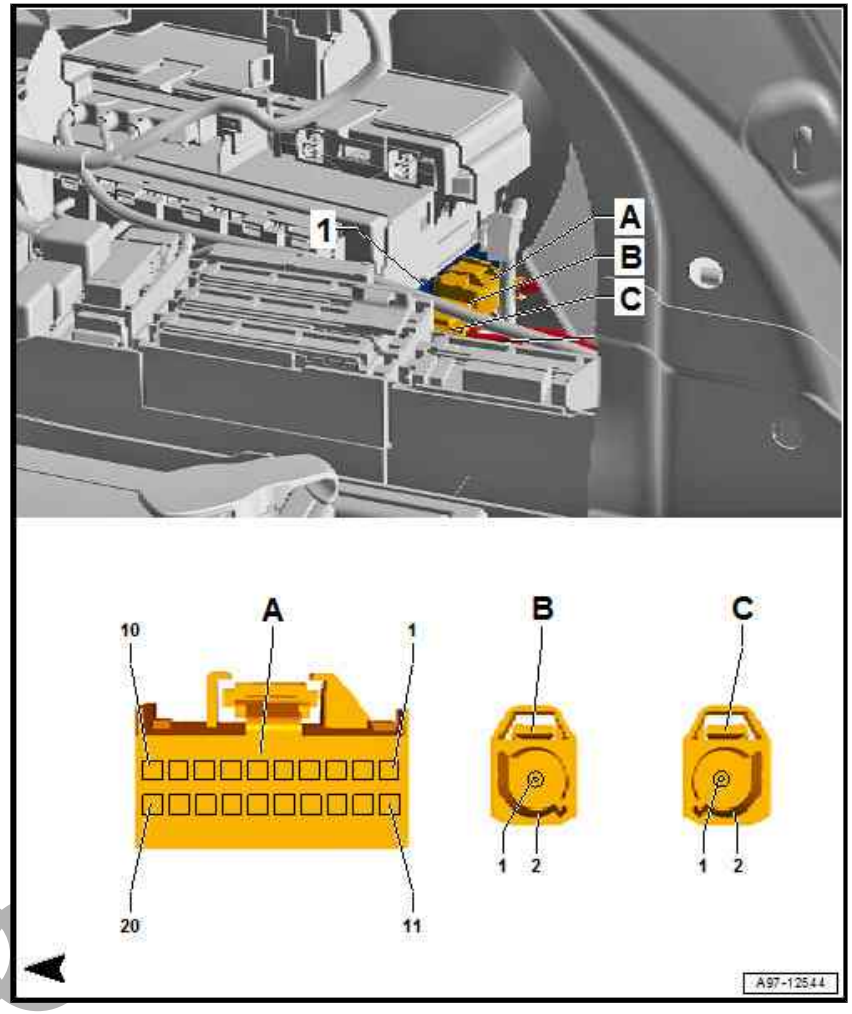
On right in luggage compartment, behind side trim -1-.

1 - Reversing camera system control unit -J772-

A - 20-pin connector -T20l- , red

B - 2-pin connector -T2df- , green, control unit 1 for information electronics -J794-

C - 2-pin connector -T2dg- , grey, reversing camera -R189-



Connector assignment, reversing camera system control unit -J772-

-T20l- (A)	Designation		-T20l- (A)	Designation
1			11	Dash panel insert CAN bus, low, to wiring junction for dash panel insert CAN bus, low -TV40-
2			12	Dash panel insert CAN bus, high, to wiring junction for dash panel insert CAN bus, high -TV36-
3			13	

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-T20l- (A)	Designation		-T20l- (A)	Designation
4			14	
5			15	
6			16	
7			17	
8			18	
9	Reversing camera -R189-		19	Reversing camera -R189-
10	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-		20	Terminal 31, to 51 earth point on right in luggage compartment

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1.37.3 Fitting location, reversing camera system control unit -J772- , from model year 2016

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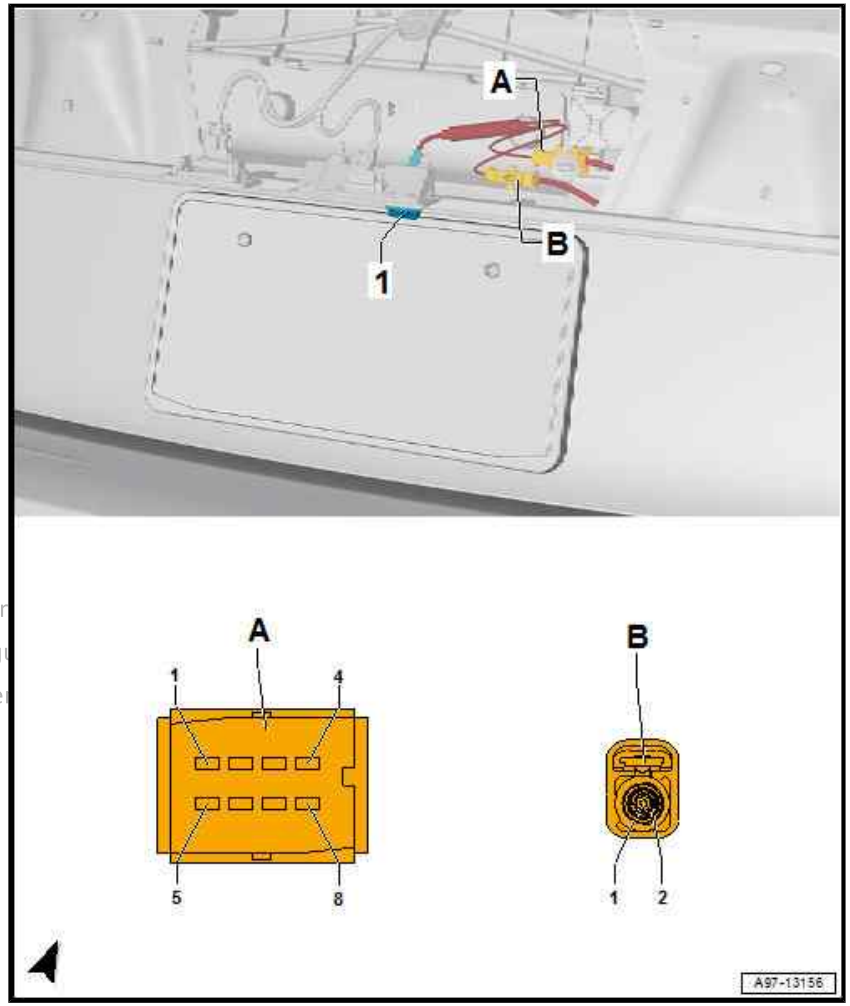
Fitting location

in rear lid button handle.

1 - Reversing camera system control unit -J772-

A - 8-pin connector -T8bg- , black

B - 2-pin connector -T2pb- , blue, control unit for information electronics 1 -J794-



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Connector assignment, reversing camera system control unit -J772-

-T8bg- (A)	Designation		-T8bg- (A)	Designation
1	Terminal 15, from fuse carrier 1 -ST1- in fuse holder B -SB-		5	Terminal 31, to (51) earth point on right in luggage compartment
2			6	
3			7	
4	Extended high CAN bus, to (B108) connection 1 (extended high CAN bus) in main wiring harness		8	Extended low CAN bus, to (B109) connection 1 (extended low CAN bus) in main wiring harness

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1.38 Fitting location, control unit for overhead view camera -J928-

Fitting location

Under front passenger seat -1-.

1 - Control unit for overhead view camera -J928-

A - 5-pin connector -T5ay- , blue, Rear overhead view camera -R246-

B - 5-pin connector -T5ax- , white, Front overhead view camera -R243-

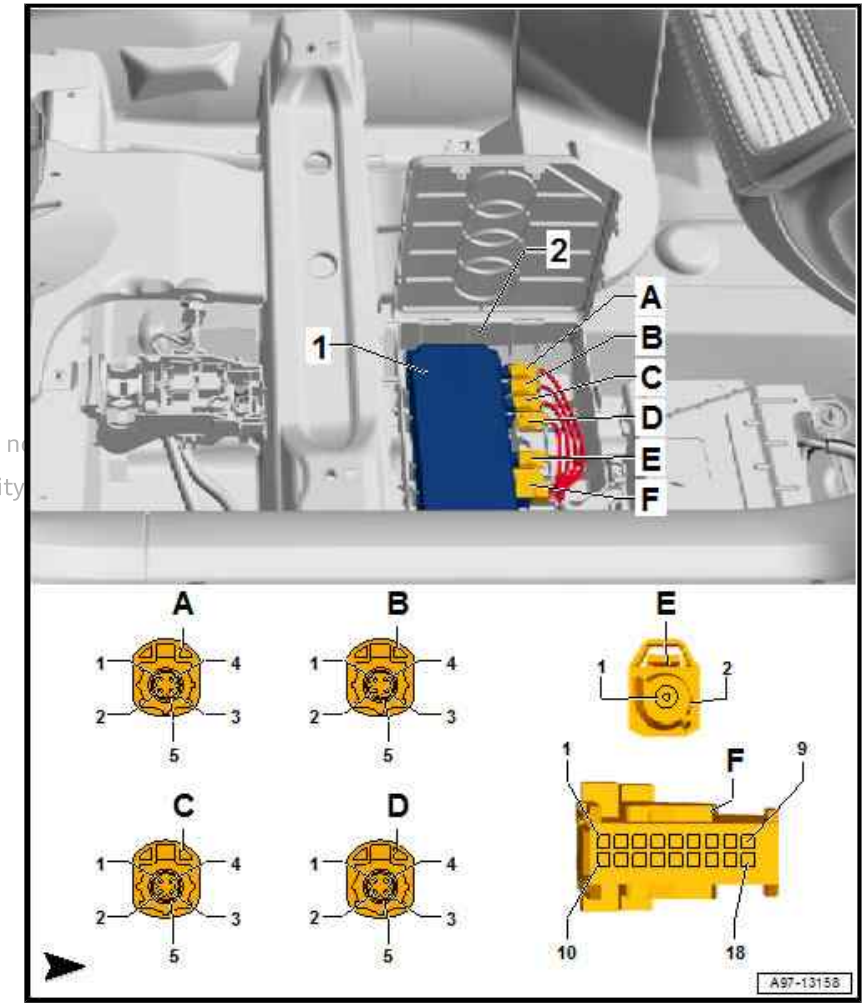
C - 5-pin connector -T5aw- , black, Right overhead view camera -R245-

D - 5-pin connector -T5av- , green, Left overhead view camera -R244-

E - 2-pin connector -T2lt- , green, control unit 1 for information electronics -J794-

F - 18-pin connector -T18f- , black

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Connector assignment, control unit for overhead view camera -J928-

-T18f- (A)	Designation		-T18f- (A)	Designation
1	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-		10	Dash panel insert CAN bus, low, to wiring junction for dash panel insert CAN bus, low -TV40-
2	Dash panel insert CAN bus, high, to wiring junction for dash panel insert CAN bus, high -TV36-		11	
3			12	Terminal 31, to (688) earth point 2 on centre tunnel
4			13	
5			14	
6			15	
7			16	
8			17	
9			18	

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1.39 Fitting location, aerial amplifier for mobile telephone -R86-

⇒ “1.39.1 Fitting location, aerial amplifier for mobile telephone R86 , up to model year 2014”, page 61

⇒ “1.39.2 Fitting location, aerial amplifier for mobile telephone R86 , from model year 2015”, page 63

1.39.1 Fitting location, aerial amplifier for mobile telephone -R86- , up to model year 2014

Fitting location

On right in luggage compartment, behind side trim.

Note

From model year 2013, the connectors B and C on the aerial amplifier for mobile telephone -R86- ha

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1 - Aerial amplifier for mobile telephone -R86-

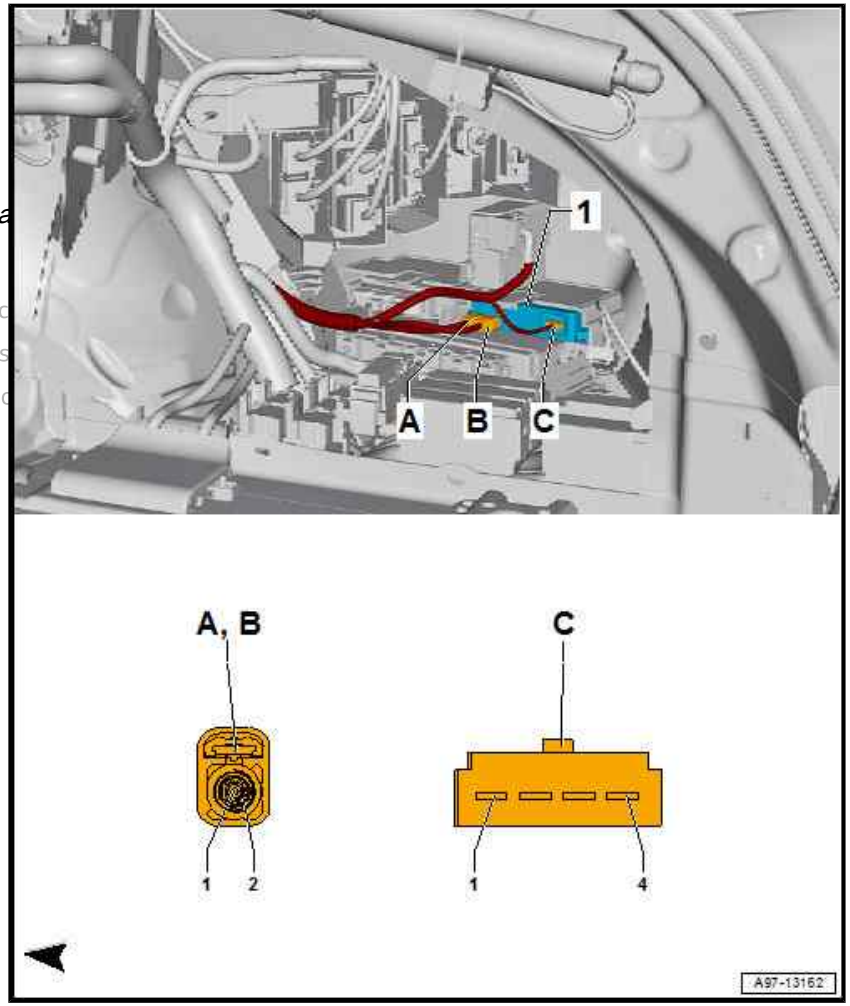
A - 2-pin connector -T2dc- , purple
- ❑ from telephone aerial -R65-

B - 2-pin connector -T2dd- , black
- ❑ Up to model year 2012
- ❑ to telephone bracket -R126-

B - 4-pin connector -T4az- , black
- ❑ From model year 2013

C - 4-pin connector -T4az- , black
- ❑ Up to model year 2012

C - 2-pin connector -T2dd- , black
- ❑ From model year 2013
- ❑ to telephone bracket -R126-



Connector assignment, aerial amplifier for mobile telephone -R86-

-T4az- (B/C)	Designation
1	Terminal 30, from fuse carrier 2 -ST2- in fuse holder F -SF-
2	Terminal 31, to (51) earth point on right in luggage compartment
3	Control unit 1 for information electronics -J794- / telephone brackets -R126-
4	

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1.39.2 Fitting location, aerial amplifier for mobile telephone -R86- , from model year 2015

Fitting location

In left of luggage compartment, behind side trim.

1 - Aerial amplifier for mobile telephone -R86-

A - 2-pin connector -T2dc- , purple

- ❑ Up to model year 2017
- ❑ from telephone aerial -R65-

A - 2-pin connector -T2dc- , purple/beige/saffron

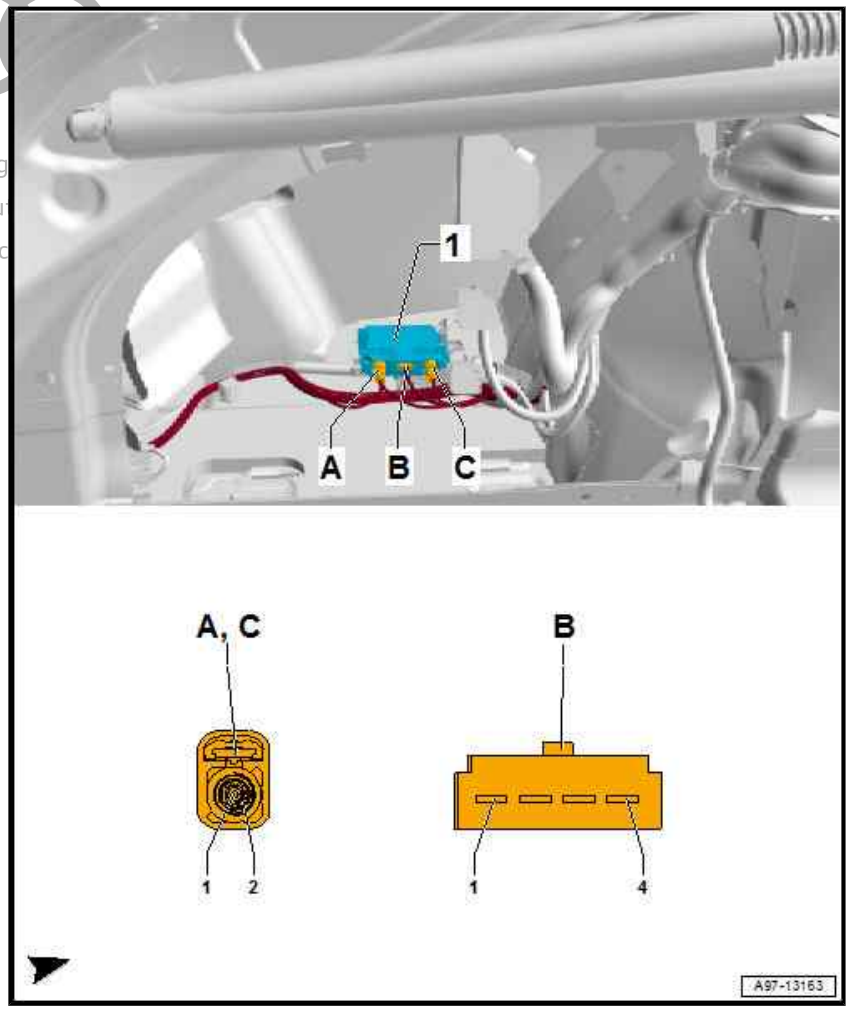
- ❑ From model year 2018
- ❑ Connector colour purple: only models for ECE region (GB1)
- ❑ Connector colour beige: only models for NAR region (GB2)
- ❑ Connector colour saffron: only models for China, Asia region (GB3)
- ❑ from telephone aerial -R65-

B - 4-pin connector -T4az- , black

C - 2-pin connector -T2dd- , black

- ❑ to telephone bracket -R126-

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Connector assignment, aerial amplifier for mobile telephone -R86-

-T4az- (B)	Designation
1	Terminal 30, from fuse carrier 2 -ST2- in fuse holder F -SF-
2	Terminal 31, to (50) earth point on left in luggage compartment
3	Control unit 1 for information electronics -J794- / telephone brackets -R126-
4	

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1.40 Fitting location, telephone interface -RX8-

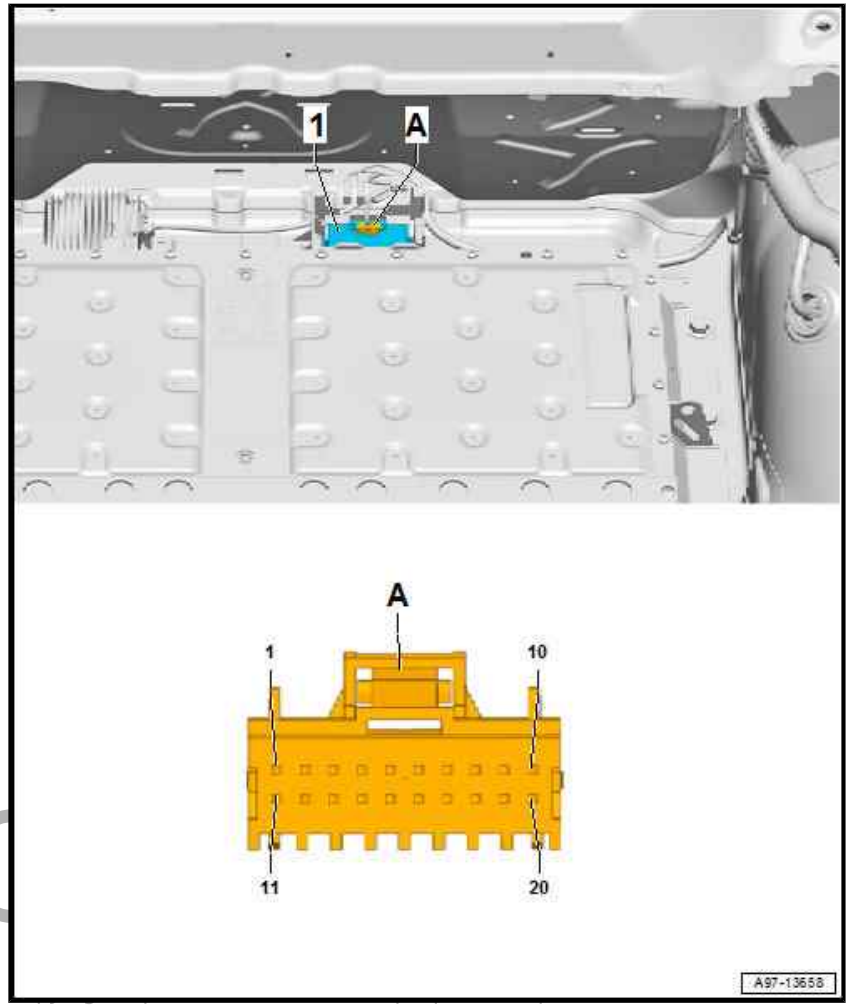
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Fitting location

In front centre left of luggage compartment, in front of hybrid battery unit -AX1- .

1 - Telephone interface -RX8-

A - 20-pin connector -T20n- , brown



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Connector assignment, telephone interface -RX8-

-T20n- (A)	Designation		-T20n- (A)	Designation
1	Terminal 30, from fuse carrier 1 -ST1- in fuse holder F -SF-		11	Terminal 31, to (51) earth point on right in luggage compartment
2			12	
3			13	
4			14	
5	CAN bus, low, to interface control unit for vehicle tracking -J1221-		15	CAN bus, high, to interface control unit for vehicle tracking -J1221-

-T20n- (A)	Designation		-T20n- (A)	Designation
6			16	
7			17	
8			18	
9	Hybrid CAN bus, low, to B777 in main wiring harness connection 1 (hybrid CAN bus, low)		19	Hybrid CAN bus, high, to B776 main wiring harness connection 1 (hybrid CAN bus, high) in
10	Hybrid CAN bus, low, to B817 in main wiring harness connection 2 (hybrid CAN bus, low)		20	Hybrid CAN bus, high, to B816 main wiring harness connection 2 (hybrid CAN bus, high) in

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1.41 Fitting location, interface control unit for vehicle tracking -J1221-

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Fitting location

In front centre left of luggage compartment, in front of hybrid battery unit -AX1- .

1 - Interface control unit for vehicle tracking -J1221-

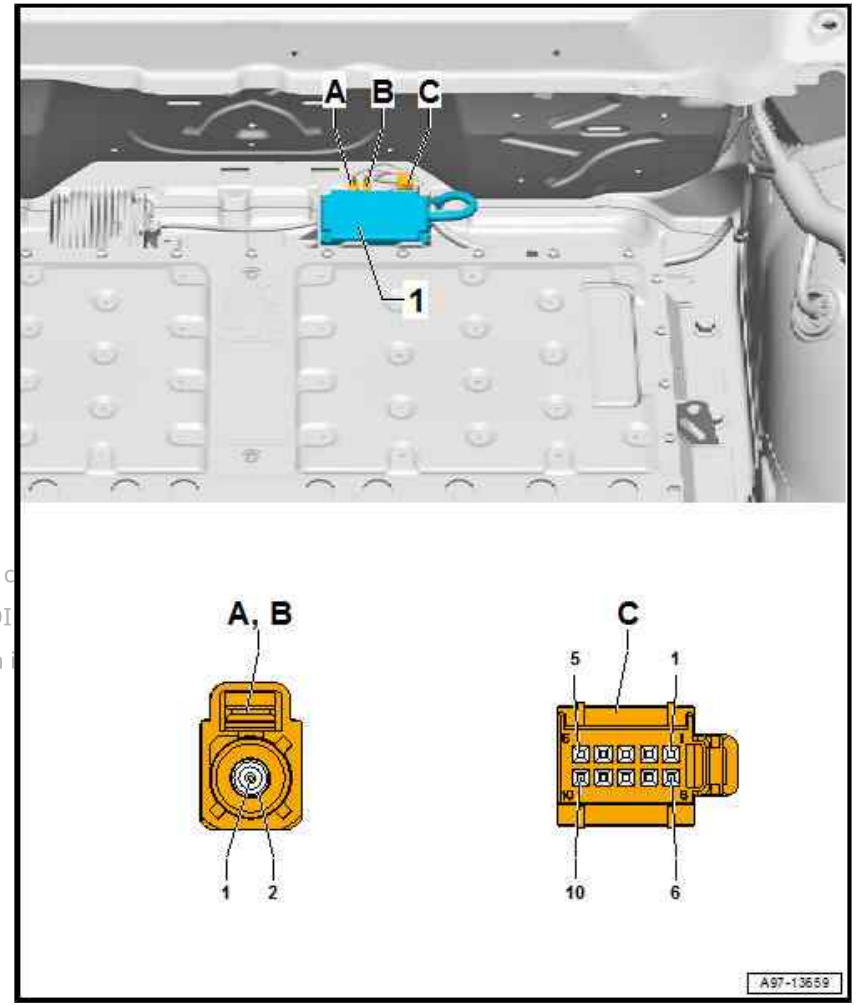
A - 2-pin connector -T2qn- , purple

- ❑ from telephone aerial -R65- in wireless data aerial -R180-

B - 2-pin connector -T2qo- , blue

- ❑ from GPS aerial -R50- in wireless data aerial -R180-

C - 10-pin connector -T10qp- , black



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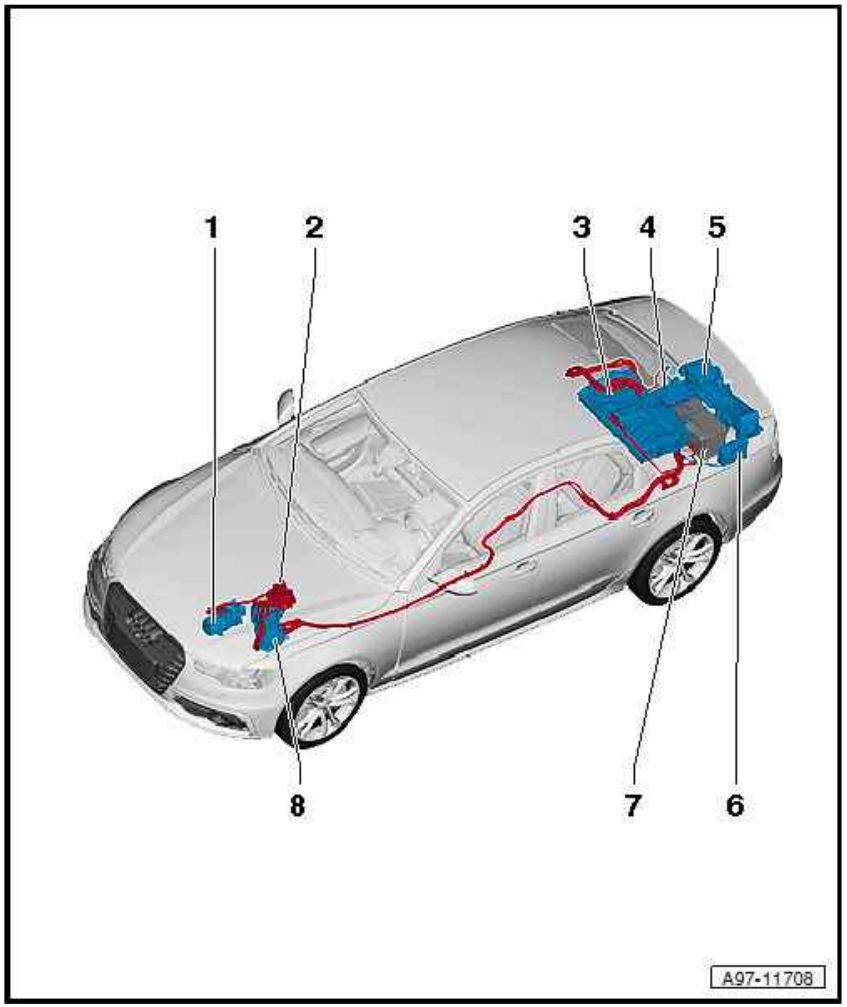
Connector assignment, interface control unit for vehicle tracking -J1221-

-T10qp- (C)	Designation		-T10qp- (C)	Designation
1	Terminal 30, from fuse carrier 1 -ST1- in fuse holder F -SF-		6	Terminal 31, to (51) earth point on right in luggage compartment
2			7	
3			8	
4			9	

-T10qp- (C)	Designation		-T10qp- (C)	Designation
5	CAN bus, low, to telephone interface -RX8-		10	CAN bus, high, to telephone interface -RX8-

Back to overview ⇒ page 1 .

1.42 Overview of control units in models with high-voltage system



1 -
Electrical air conditioner compressor -V470-

- ❑ Components: -J842- , -P3-
- ❑ Fitting location and connectors ⇒ page 69

2 -
Power and control electronics for electric drive -JX1-

- ❑ Components: -J841- , -A37- , -A19-
- ❑ Fitting location and connectors ⇒ page 70

3 -
Hybrid battery unit -AX1-

- ❑ Components: -J840- , -A38- , -TW- , -S350- , -TV44- , -P2- , -P1-
- ❑ Fitting location and connectors ⇒ page 72

4 -
Second battery -A1- for high-voltage system

- ❑ Components: -J934-
- ❑ Fitting location and connectors ⇒ page 75

5 -
Battery cooling module for high-voltage system

- ❑ Components: -G756- , -G757- , -N516- , -V457- , -V479- , -V480-
- ❑ Fitting location and connectors ⇒ page 73

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6 -
Wiring junction -TV1- for high-voltage system

- ❑ Components: -J580- , -S207- , -S208- , -S209- , -J7-
- ❑ Fitting location and connectors ⇒ page 74

7 - Battery -A-

8 -
Electric drive motor -V141-

- ❑ Components: -VX54- , -G712- , -P4- , -P5- , -P6-

❑ Fitting location and connectors ⇒ page 71

1.43 Fitting location, electrical air conditioner compressor -V470- models with high-voltage system

Fitting location

On left of engine block -2-.

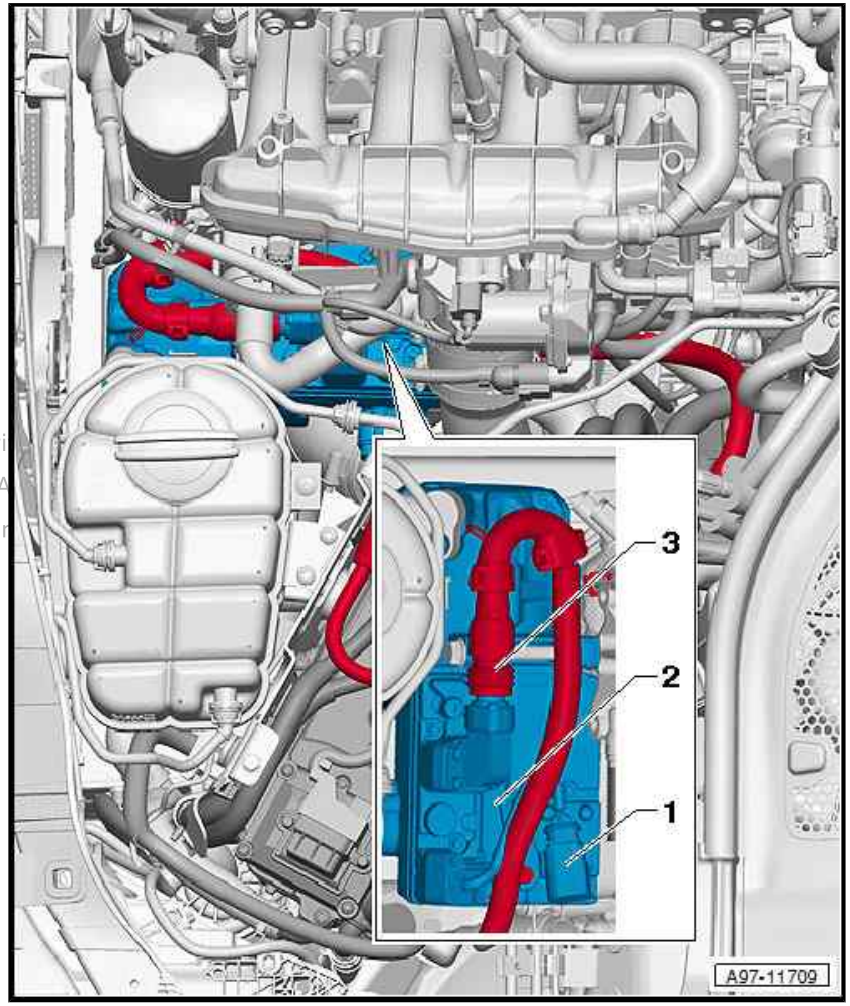
1 - 8-pin connector -T8ba- , black

2 - Electrical air conditioner compressor -V470-

Internal components: Control unit for air conditioner compressor -J842-

3 - 4-pin connector -T4fq- , high-voltage wire for electrical air conditioner compressor -P3-

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1.44 Fitting location, power and control electronics for electric drive -JX1- , models with high-voltage system

Fitting location

In front left of engine compartment -A-.

A - Power and control electronics for electric drive -JX1-

Internal components: Electric drive control unit -J841- , DC/AC converter for drive motor -A37- , Voltage converter -A19-

A1 - 1-pin connector -T1p- , high-voltage wire for hybrid battery, positive terminal -P1-

A2 - 1-pin connector -T1o- , high-voltage wire for hybrid battery, negative terminal -P2-

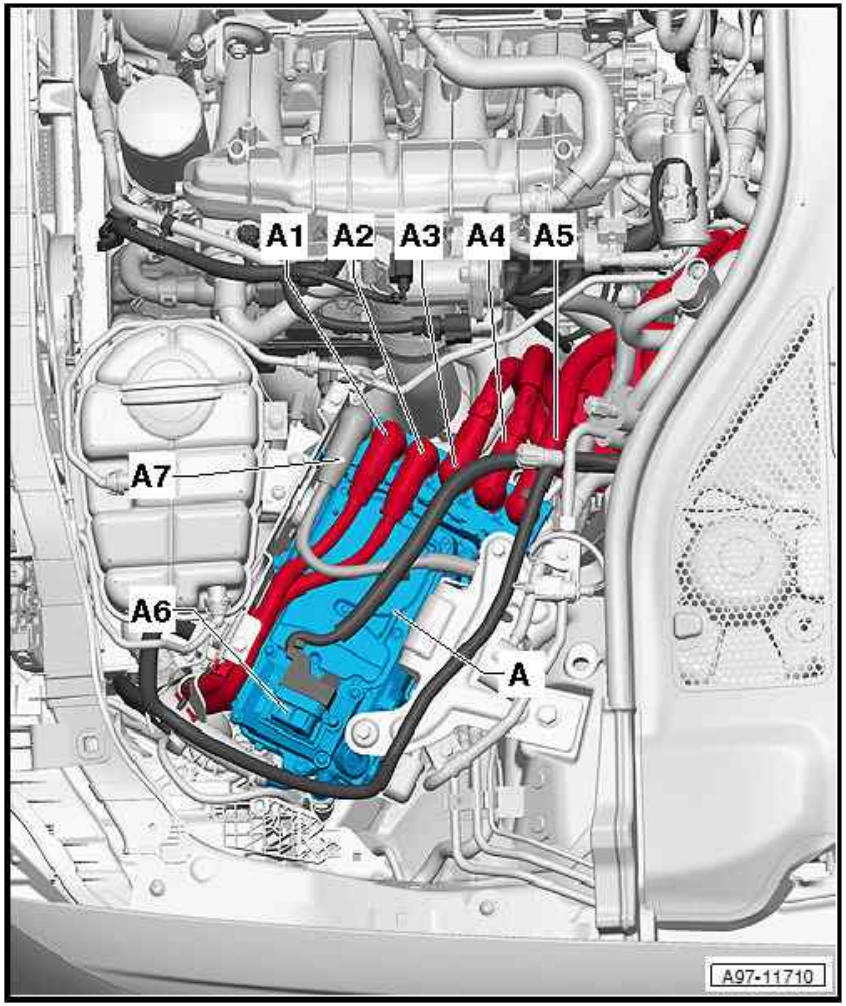
A3 - 1-pin connector -T1h- , high-voltage wire 3 for drive motor -P6-

A4 - 1-pin connector -T1g- , high-voltage wire 2 for drive motor -P5-

A5 - 1-pin connector -T1f- , high-voltage wire 1 for drive motor -P4-

A6 - 28-pin connector -T28b- , black

A7 - 4-pin connector -T4fp- , high-voltage wire for electrical air conditioner compressor -P3-



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1.45 Fitting location, electric drive motor -V141- , models with high-voltage system

Fitting location

On gearbox housing -A-.

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A - Electric drive motor -V141-

Internal components: Three-phase current drive -VX54- , drive motor temperature sender -G712-

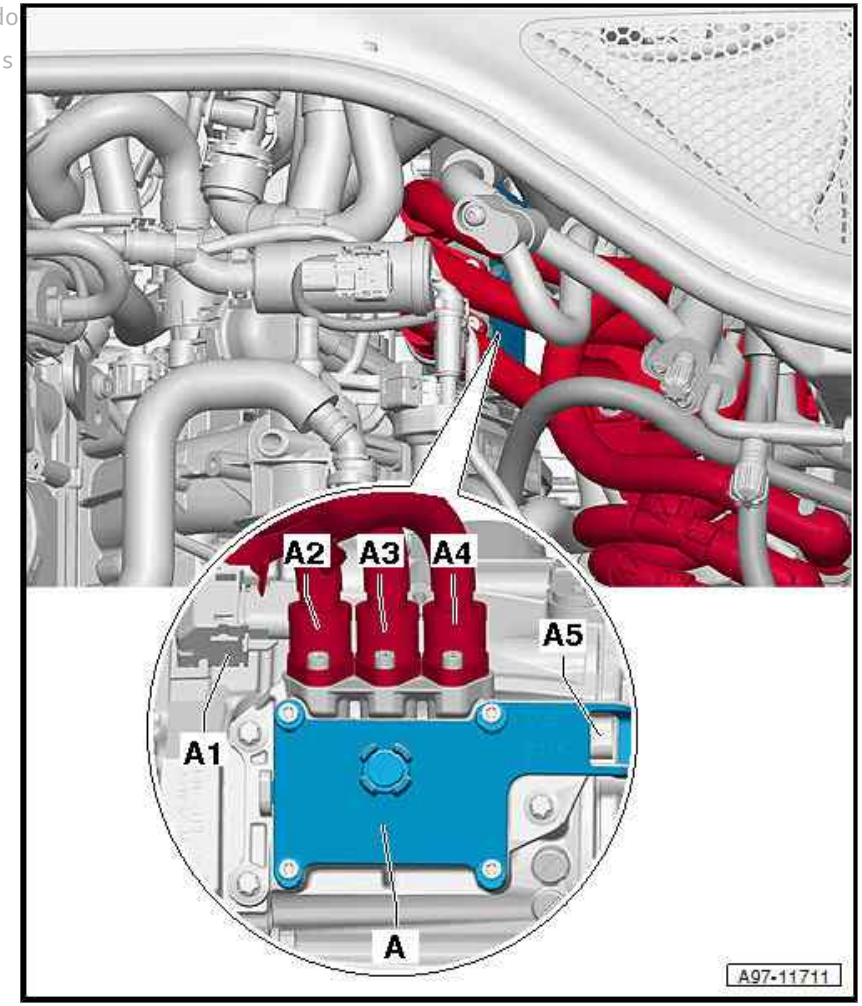
A1 - 10-pin connector -T10ao- , black

A2 - 1-pin connector -T1i- , high-voltage wire 1 for drive motor -P4-

A3 - 1-pin connector -T1k- , high-voltage wire 2 for drive motor -P5-

A4 - 1-pin connector -T1l- , high-voltage wire 3 for drive motor -P6-

A5 - 2-pin connector -T2ms- , black



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1.46 Fitting location, hybrid battery unit -AX1- , models with high-voltage system

Fitting location

Under boot lid -A-.

A - Hybrid battery unit -AX1-

Internal components: Battery regulation control unit -J840- , Hybrid battery -A38-

A1 - 8-pin connector -T8az- , black

A2 - 14-pin connector -T14l- , black

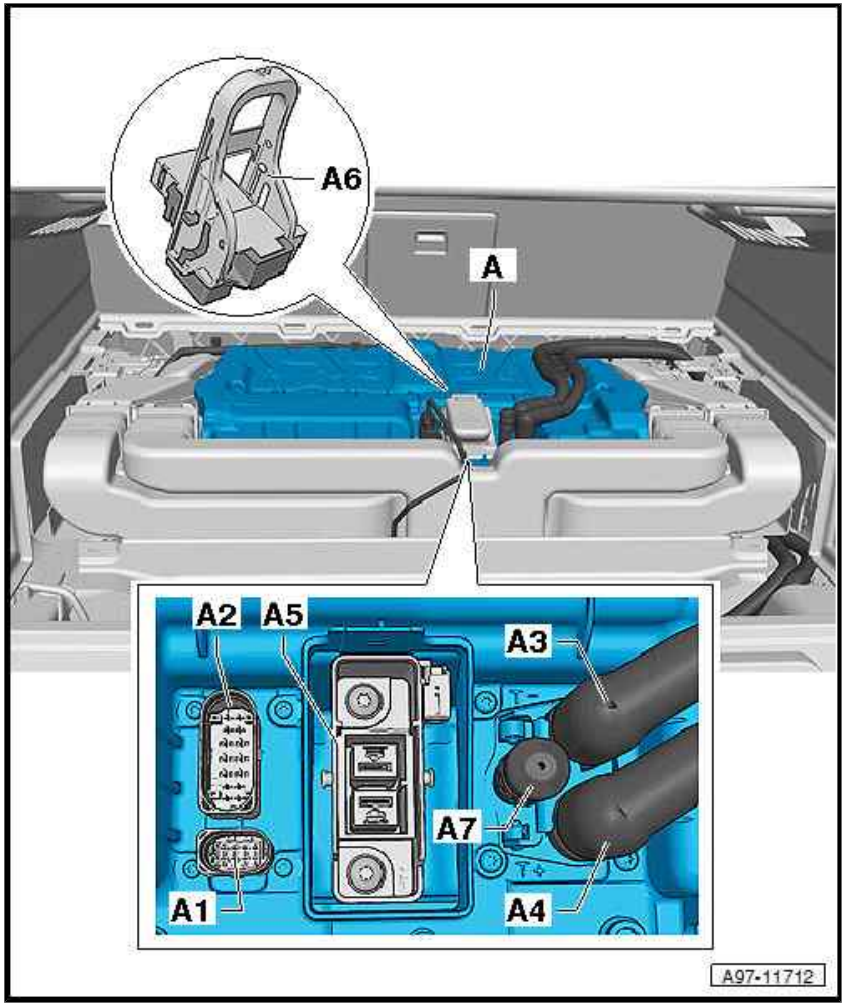
A3 - 1-pin connector -T1n- , high-voltage wire for hybrid battery, negative terminal -P2-

A4 - 1-pin connector -T1m- , high-voltage wire for hybrid battery, positive terminal -P1-

A5 - Plug position for maintenance connector for high-voltage system -TW-

A6 - Maintenance connector for high-voltage system -TW- with high-voltage system fuse -S350-

A7 - Safety connector 1 -TV44-



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1.47 Fitting location of battery cooling module, models with high-voltage system

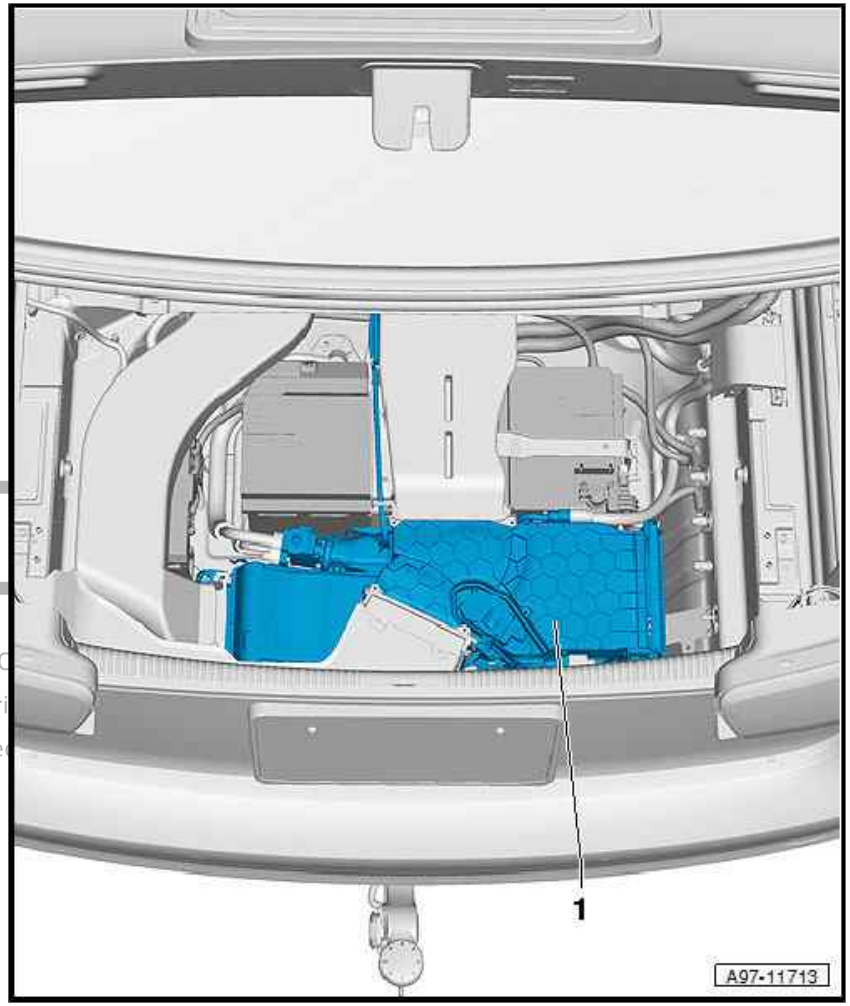
Fitting location

Under boot lid -1-.

1 - Battery cooling module for high-voltage system

Components:

- Temperature sensor before evaporator for hybrid battery -G756-
- Temperature sensor after evaporator for hybrid battery -G757-
- Refrigerant shut-off valve 1 for hybrid battery -N516-
- Battery fan 1 -V457-
- Air recirculation flap 1 control motor for hybrid battery -V479-
- Air recirculation flap 2 control motor for hybrid battery -V480-



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1.48 Fitting location, wiring junction -TV1- , models with high-voltage system

Fitting location

Under boot lid on left, next to battery -A- .

A - Wiring/connections to battery -A-

B - Vehicle starter battery switch-over relay -J580-

B1 - 2-pin connector -T2mv- , black

F1 - Wiring/connections to terminal 30 wiring junction -TV2-

D - Fuse 4 (30) -S207- , 150 A

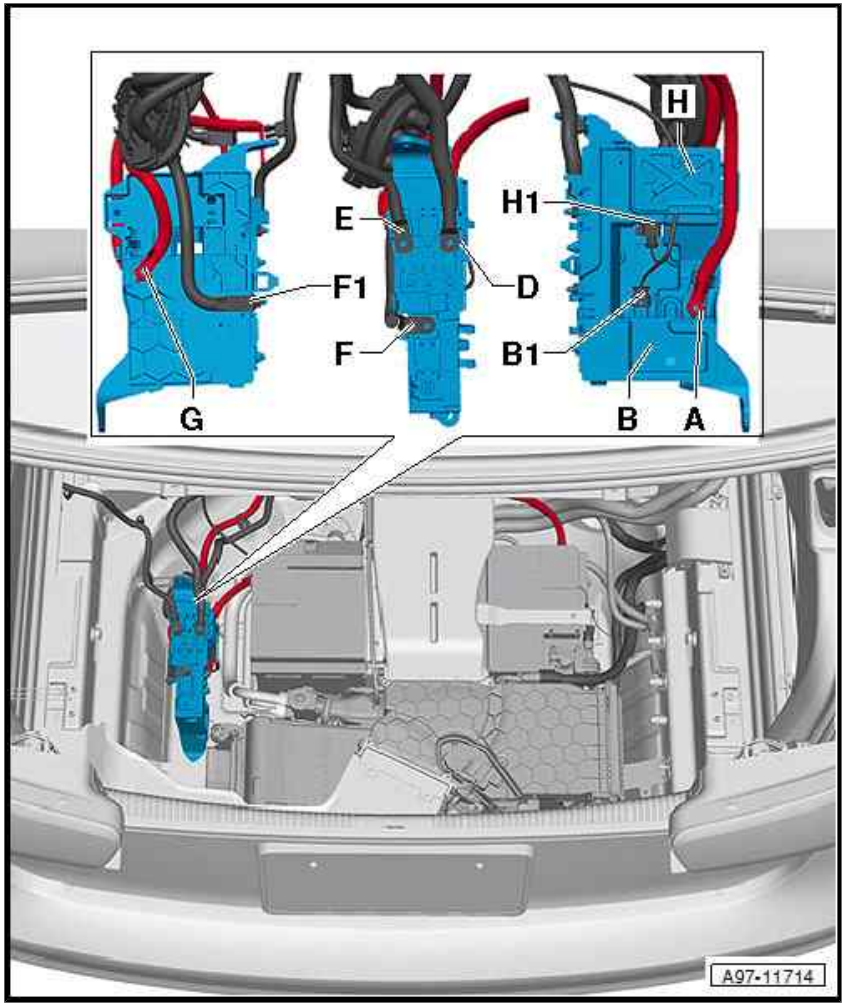
E - Fuse 5 (30) -S208- , 150 A

F - Fuse 6 (30) -S209- , 200 A

G - Wiring/connections to second battery -A1-

H - Battery isolation relay -J7-

H1 - 2-pin connector -T2mw- , black



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1.49 Fitting location, second battery -A1- , models with high-voltage system

Fitting location

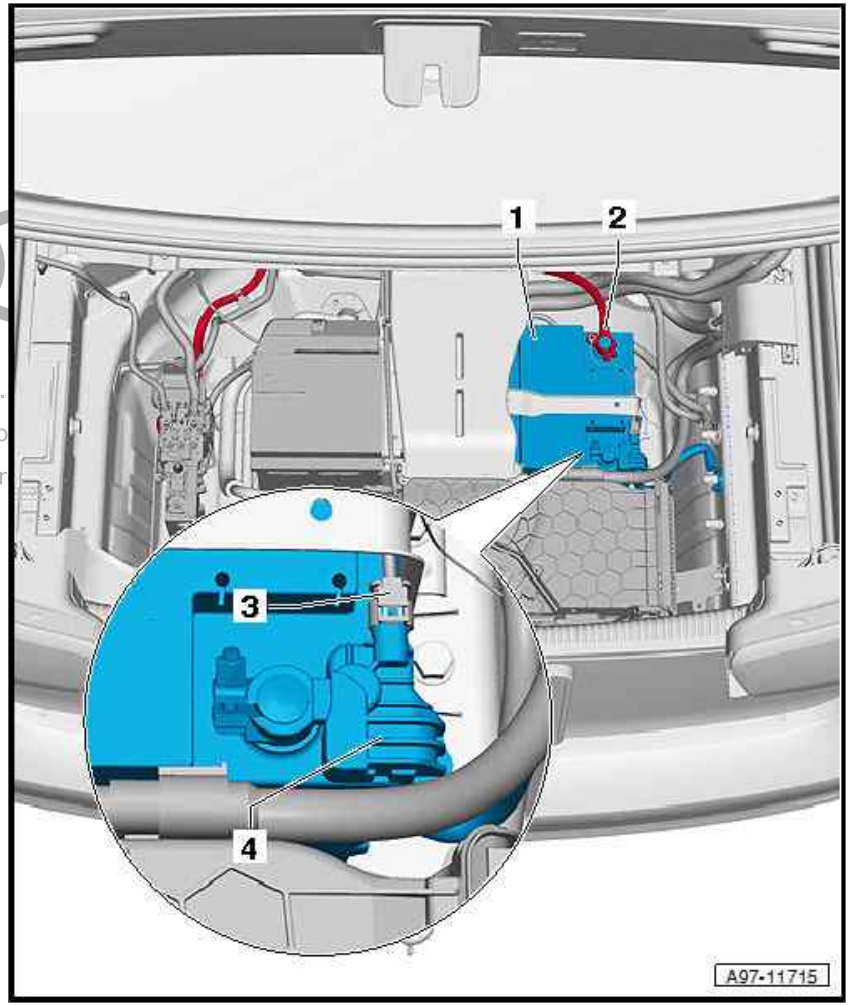
Under boot lid on right, next to battery -A- -1-.

1 - Second battery -A1-

2 - Battery positive

3 - 2-pin connector -T2mu- , yellow

4 - Battery monitor control unit 2 -J934-



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1.50 Overview of additional control units and components in rear part of vehicle for models with high-voltage system, from Week 47/2016

1 -
Hybrid battery unit -AX1-

- Components: -J840- , -SX6-
- Fitting location and connectors ⇒ page 77

2 - Battery regulation control unit -J840-

- Fitting location and connectors, from Week 47/2016 ⇒ page 79
- Fitting location, from Week 45/2011 ⇒ page 72

3 -
Charger 1 for high-voltage battery -AX4-

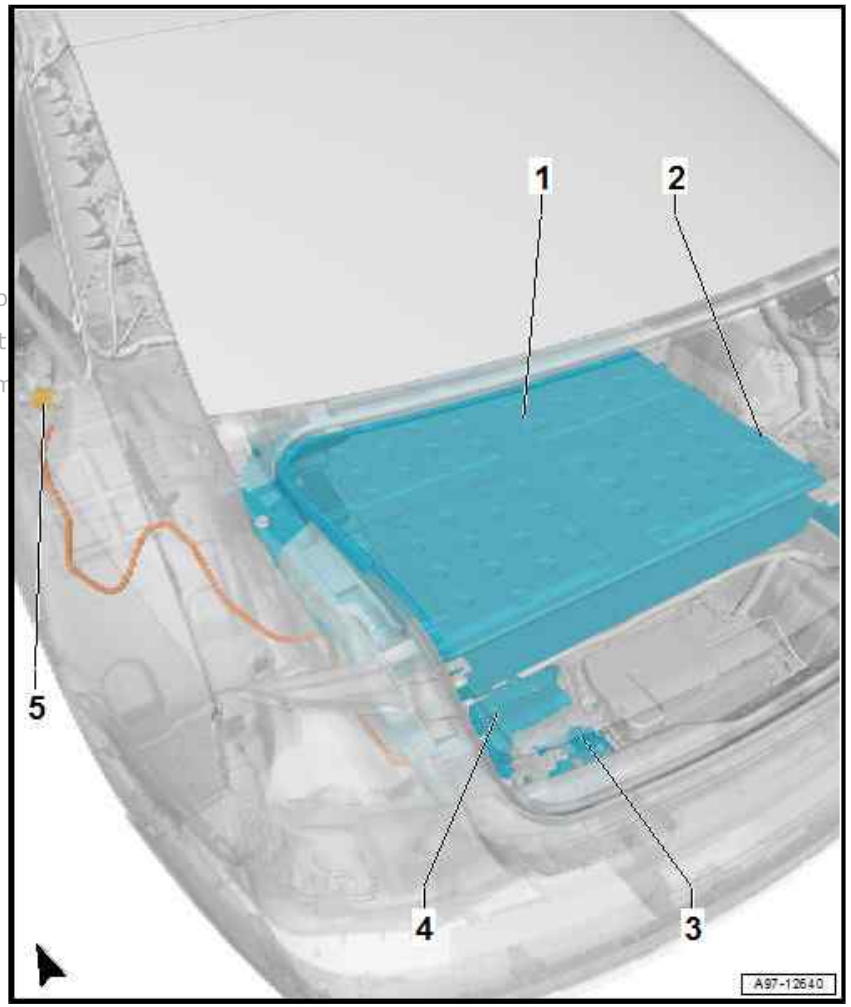
- Components: -J1050-
- Fitting location and connectors ⇒ page 83

4 - Wiring junction -TV1-

5 -
High-voltage battery charging socket 1 -UX4-

- Components: -F498- , -G853-
- Fitting location and connectors ⇒ page 81

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1.51 Fitting location, hybrid battery unit -AX1- , from Week 47/2016

Fitting location

In centre of luggage compartment:

1 - Hybrid battery unit -AX1-

- ❑ with battery regulation control unit -J840- , high-voltage battery switch box -SX6-

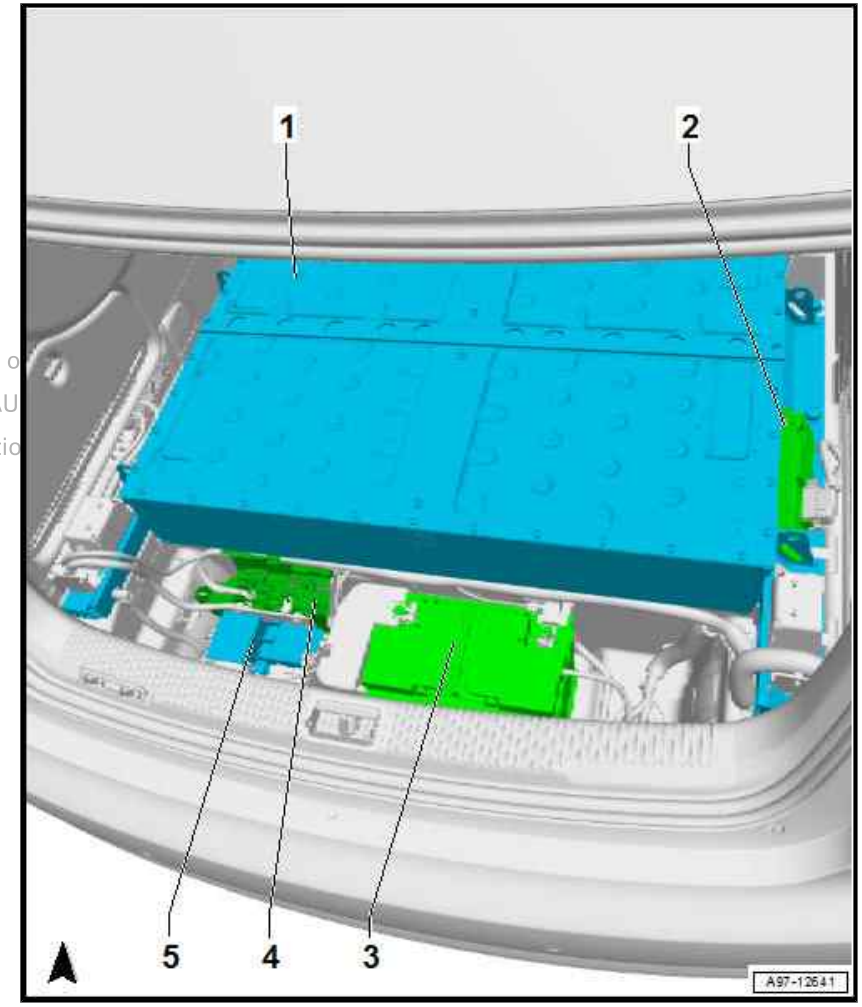
2 - Battery regulation control unit -J840-

3 - Battery -A-

4 - Wiring junction -TV1-

5 - Second battery -A1-

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1.52 Connections, hybrid battery unit -AX1- , from Week 47/2016

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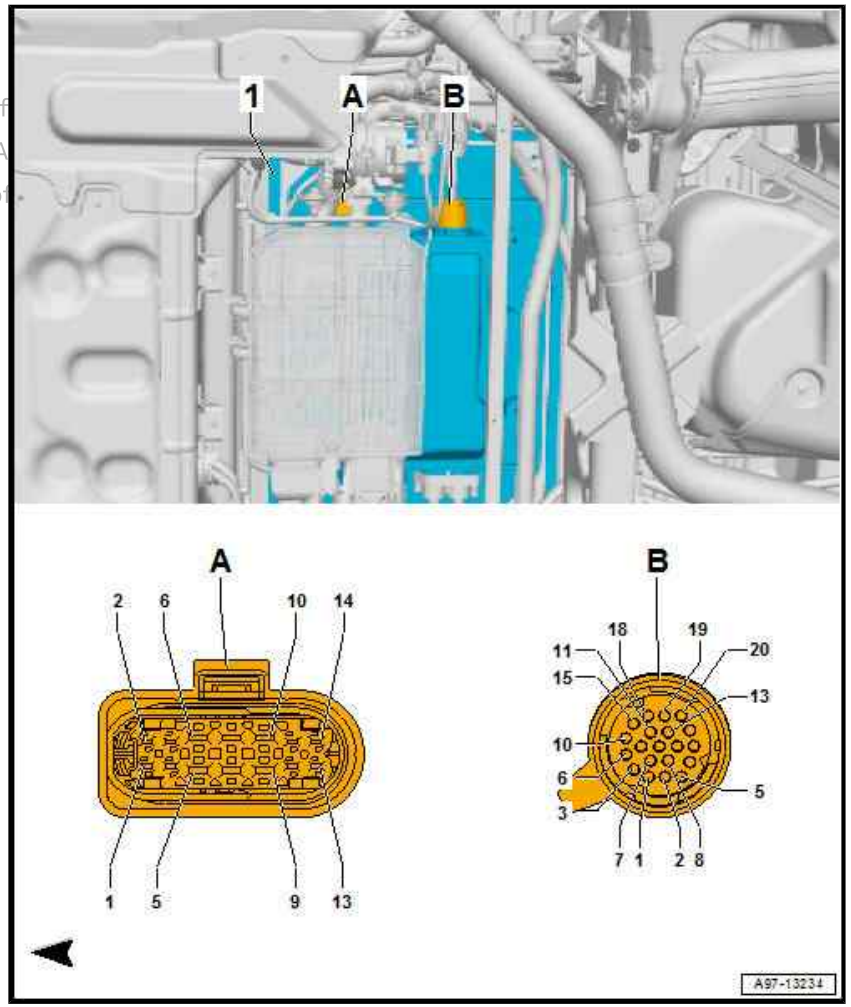
Fitting location

At rear on underbody under hybrid battery unit -AX1- .

1 - Hybrid battery unit -AX1-

A - 14-pin connector -T14w- , black

B - 20-pin connector -T20m- , black



Connector assignment, Hybrid battery unit -AX1-

-T14w- (A)	Designation		-T20m- (B)	Designation		
1	Airbag control unit -J234-		1	Hybrid CAN bus, low, to in main wiring harness	B817	connection 2 (hybrid CAN bus, low)

-T14w- (A)	Designation		-T20m- (B)	Designation
2	20-pin connector -T20m- , jumper		2	Hybrid CAN bus, high, to B816 connection 2 (hybrid CAN bus, high) in main wiring harness
3	Airbag control unit -J234-		3	
4	20-pin connector -T20m- , jumper		4	Terminal 30, from P8 connection 2 in high-voltage battery wiring harness, fuse carrier 3 -ST3- in fuse holder F -SF-
5			5	Terminal 31, to 399 earth connection 34 in main wiring harness, 51 earth point on right in luggage compartment
6	Battery regulation control unit -J840-		6	
7			7	14-pin connector -T14w- , jumper
8			8	Terminal 30, from P7 connection 1 in high-voltage battery wiring harness, maintenance connector for high-voltage system -TW-
9	Terminal 31, to 399 earth connection 34 in main wiring harness, 51 earth point on right in luggage compartment		9	Battery regulation control unit -J840- , pilot line
10			10	14-pin connector -T14w- , jumper
11	Battery regulation control unit -J840-		11	Battery regulation control unit -J840-
12	Battery regulation control unit -J840-		12	
13	Hybrid CAN bus, high, to B816 connection 2 (hybrid CAN bus, high) in main wiring harness		13	
14	Hybrid CAN bus, low, to B817 connection 2 (hybrid CAN bus, low) in main wiring harness		14	High voltage heater (PTC) control unit -J848- , pilot line
			15	
			16	
			17	
			18	
			19	
			20	

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1.53 Fitting location, battery regulation control unit -J840- , from Week 47/2016

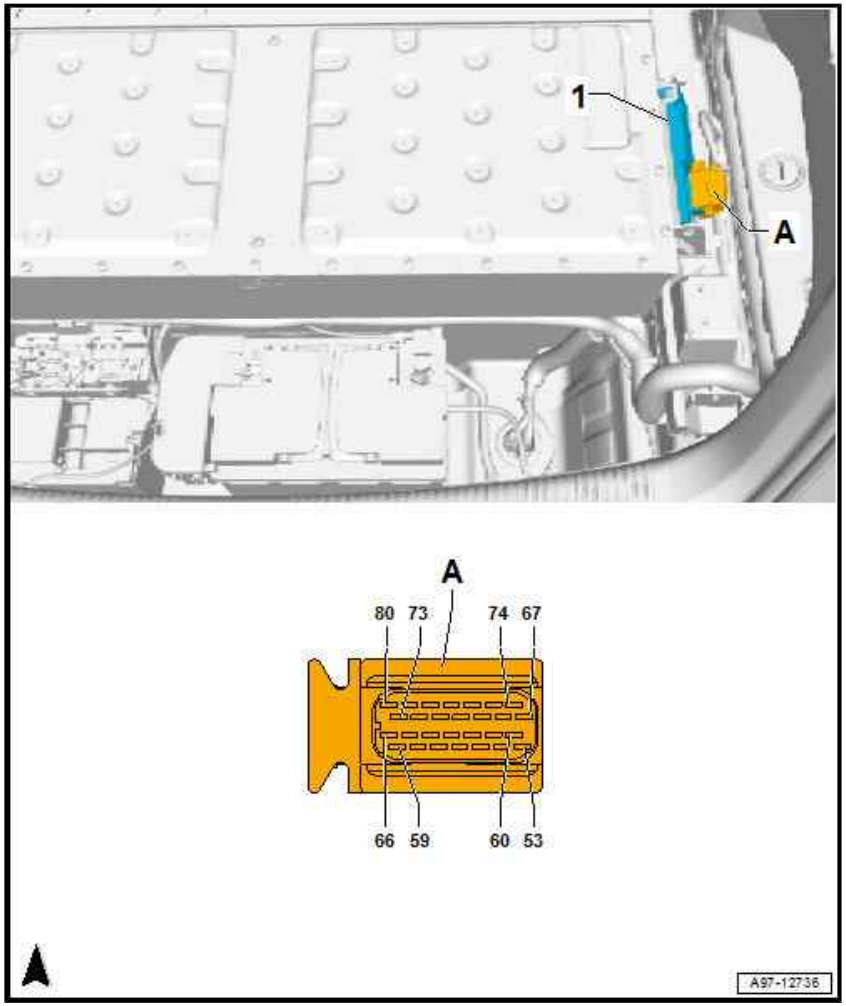
Fitting location

In right of luggage compartment on hybrid battery unit -AX1- .

1 - Battery regulation control unit -J840-

A - 28-pin connector -T28c- , black

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Connector assignment, battery regulation control unit -J840-

-T28c- (A)	Designation	-T28c- (A)	Designation	-T28c- (A)	Designation
53	Hybrid CAN bus, high, to B816 connection 2 (hybrid CAN bus, high) in main wiring harness	63	Hybrid battery unit -AX1-	73	Coolant pump for high-voltage battery -V590-

-T28c-(A)	Designation	-T28c-(A)	Designation	-T28c-(A)	Designation
54	Hybrid CAN bus, low, to B817 connection 2 (hybrid CAN bus, low) in main wiring harness	64		74	Hybrid battery unit -AX1-
55	Hybrid CAN bus, high, to B776 connection 1 (hybrid CAN bus, high) in main wiring harness	65		75	Hybrid battery unit -AX1-
56	Hybrid CAN bus, low, to B777 connection 1 (hybrid CAN bus, low) in main wiring harness	66	Maintenance connector for high-voltage system -TW- , pilot line	76	Hybrid battery unit -AX1-
57		67	High-voltage battery coolant pump relay -J1156-	77	Hybrid battery unit -AX1- , pilot line
58		68		78	Coolant temperature sender 2 for high-voltage battery -G899-
59	Terminal 31, to 399 earth connection 31 in main wiring harness, 51 earth point on right in luggage compartment	69		79	Coolant temperature sender 2 for high-voltage battery -G899-
60	Terminal 30, from P8 connection 2 in high-voltage battery wiring harness, fuse carrier 3 -ST3- in fuse holder F -SF-	70	Coolant temperature sender 1 for high-voltage battery -G898-	80	Terminal 30, from P7 connection 1 in high-voltage battery wiring harness, maintenance connector for high-voltage system -TW-
61		71	Coolant temperature sender 1 for high-voltage battery -G898-		
62		72			

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1.54 Fitting location, high-voltage batter charging socket -UX4- , from Week 47/2016

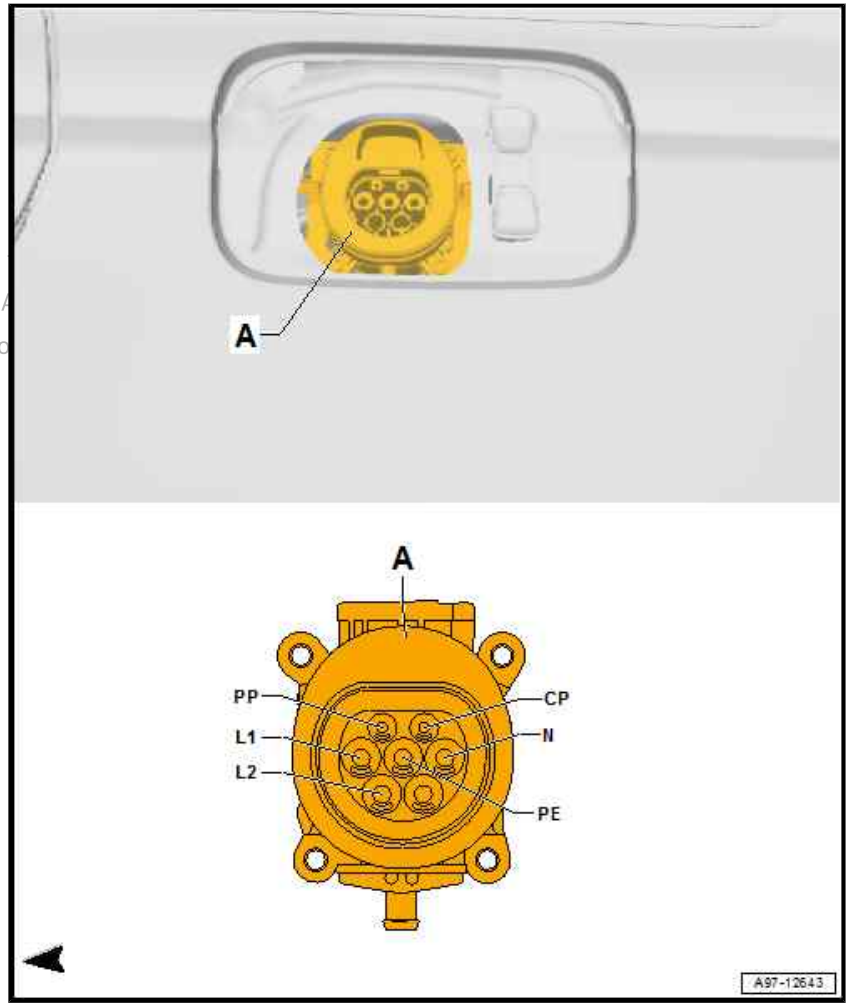
Fitting location

In side part on left above the wheel housing.

A - High-voltage battery charging socket 1 -UX4-

- ❑ with actuator for high-voltage charging socket lock 1 -F498- , temperature sender for charging socket 1 -G853-

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1.55 Fitting location, high-voltage battery charger 1 -AX4- , from Week 47/2016

1 - Charger 1 for high-voltage battery -AX4-
- ❑ with high-voltage battery charger control unit -J1050-

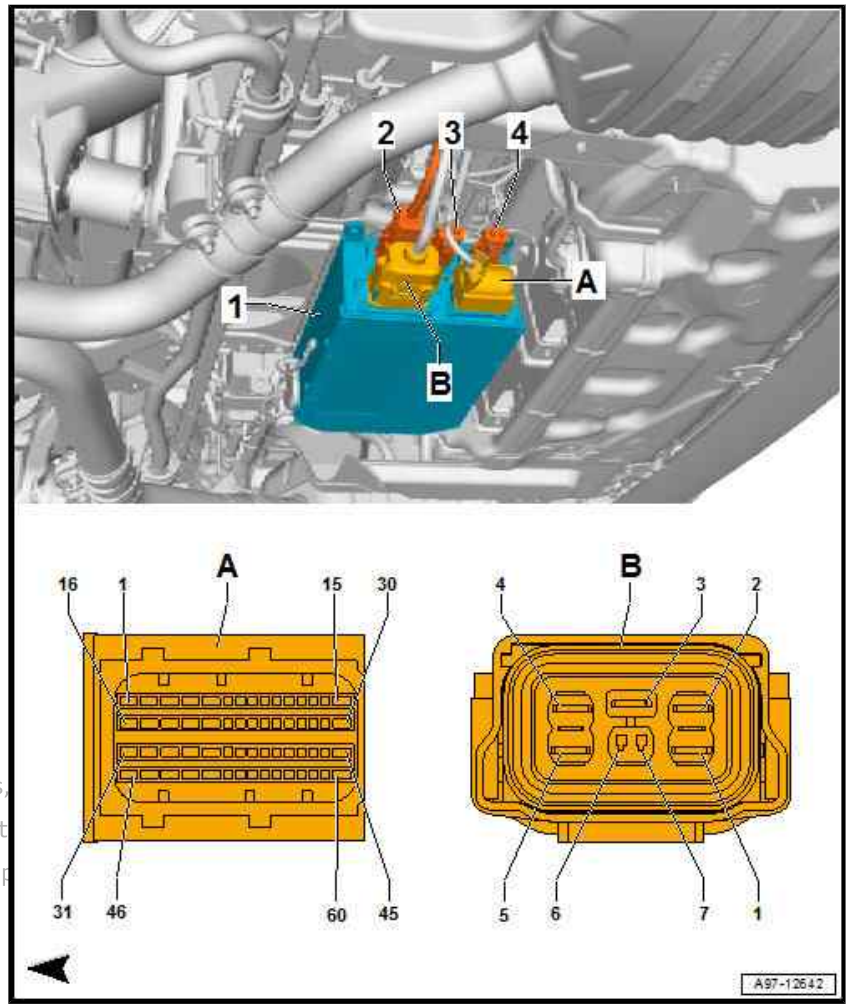
2 - High-voltage wire for high-voltage battery charger -P25-

3 - High-voltage wire for high-voltage heater (PTC) -P11-

4 - Not assigned

A - 60-pin connector -T60a- , black

B - 8-pin connector -T8bl- , orange



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Connector assignment, high-voltage battery charger 1 -AX4-

-T60a- (A)	Designation	-T60a- (A)	Designation	-T60a- (A)	Designation
1	Terminal 30, from fuse carrier 3 -ST3- in fuse holder F -SF-	21	Module for battery charge selector buttons -EX32-	41	
2		22	Module for battery charge selector buttons -EX32-	42	
3	Earth connection module for battery charge selector buttons -EX32-	23	High-voltage battery charging socket 1 -UX4-	43	
4	Module for battery charge selector buttons -EX32-	24	High-voltage battery charging socket 1 -UX4-	44	
5	Module for battery charge selector buttons -EX32-	25	Module for battery charge selector buttons -EX32-	45	
6	Module for battery charge selector buttons -EX32-	26	Module for battery charge selector buttons -EX32-	46	
7		27	Temperature sender for charging socket 1 -G853- in high-voltage battery charging socket 1 -UX4-	47	
8	High-voltage battery charging socket 1 -UX4-	28	Temperature sender for charging socket 1 -G853- in high-voltage battery charging socket 1 -UX4-	48	
9	Hybrid CAN bus, high, to B776 connection 1 (hybrid CAN bus, high) in main wiring harness	29		49	
10	Hybrid CAN bus, low, to B777 connection 1 (hybrid CAN bus, low) in main wiring harness	30		50	
11		31	Actuator for high-voltage charging flap lock 1 -F496-	51	
12		32	Actuator for high-voltage charging flap lock 1 -F496-	52	
13		33		53	
14		34		54	
15		35		55	
16	Actuator for high-voltage charging socket lock 1 -F498- in high-voltage battery charging socket 1 -UX4-	36		56	
17	Actuator for high-voltage charging socket lock 1 -F498- in high-voltage battery charging socket 1 -UX4-	37		57	

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-T60a- (A)	Designation	-T60a- (A)	Designation	-T60a- (A)	Designation
18	Actuator for high-voltage charging socket lock 1 -F498- in high-voltage battery charging socket 1 -UX4-	38		58	
19	Actuator for high-voltage charging socket lock 1 -F498- in high-voltage battery charging socket 1 -UX4-	39		59	
20		40		60	Terminal 31, to (396) earth connection 31 in main wiring harness (399) earth connection 34 in main wiring harness (51) earth point on right in luggage compartment

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-T8bl- (B)	Designation	-T8bl- (B)	Designation
1	High-voltage battery charging socket 1 -UX4-	5	High-voltage battery charging socket 1 -UX4-
2		6	
3		7	
4	High-voltage battery charging socket 1 -UX4-	8	Shield

Back to overview ⇒ page 76 .

1.56 Fitting location, second battery -A1- , from Week 47/2016

Fitting location

In front left of luggage compartment, behind hybrid battery unit -AX1- .

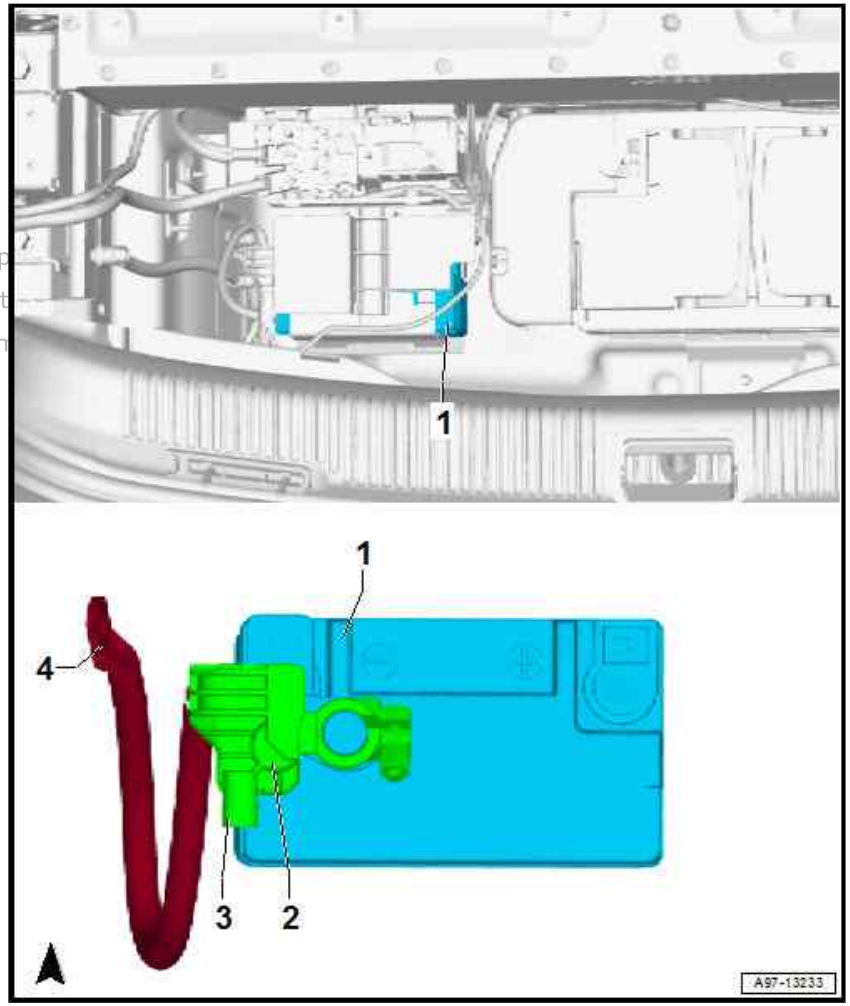
1 - Second battery -A1-

2 - Battery monitor control unit 2 -J934-

3 - 2-pin connector -T2mu-

4 - (676) Earth point 2 on left in luggage compartment

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1 Coupling points and connectors

1.1 Overview of coupling stations

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1 - Coupling, front bumper on right

- ❑ up to model year 2014
- ❑ Connector: -T8i-
- ❑ Location and assignment up to model year 2014 ⇒ page 26
- ❑ Location and assignment from model year 2015 ⇒ page 27

2 - Coupling station on right of A-pillar

- ❑ Connectors, left-hand drive: -T17o- , -T17q- , -T17p-
- ❑ Connectors, right-hand drive: -T46a- , -T17f- , -T17g- , -T17h- , -T17i- , -T17k-
- ❑ Fitting location ⇒ page 4
- ❑ Assignment, left-hand drive ⇒ page 4
- ❑ Assignment, right-hand drive ⇒ page 5

3 - Coupling point on front right door

- ❑ Connectors: -T23b- , -T5aq-
- ❑ Fitting location and assignment ⇒ page 19

4 - Coupling point behind glove compartment

- ❑ Connectors: -T12k-
- ❑ Fitting location and assignment ⇒ page 23

5 - Front left centre tunnel coupling point

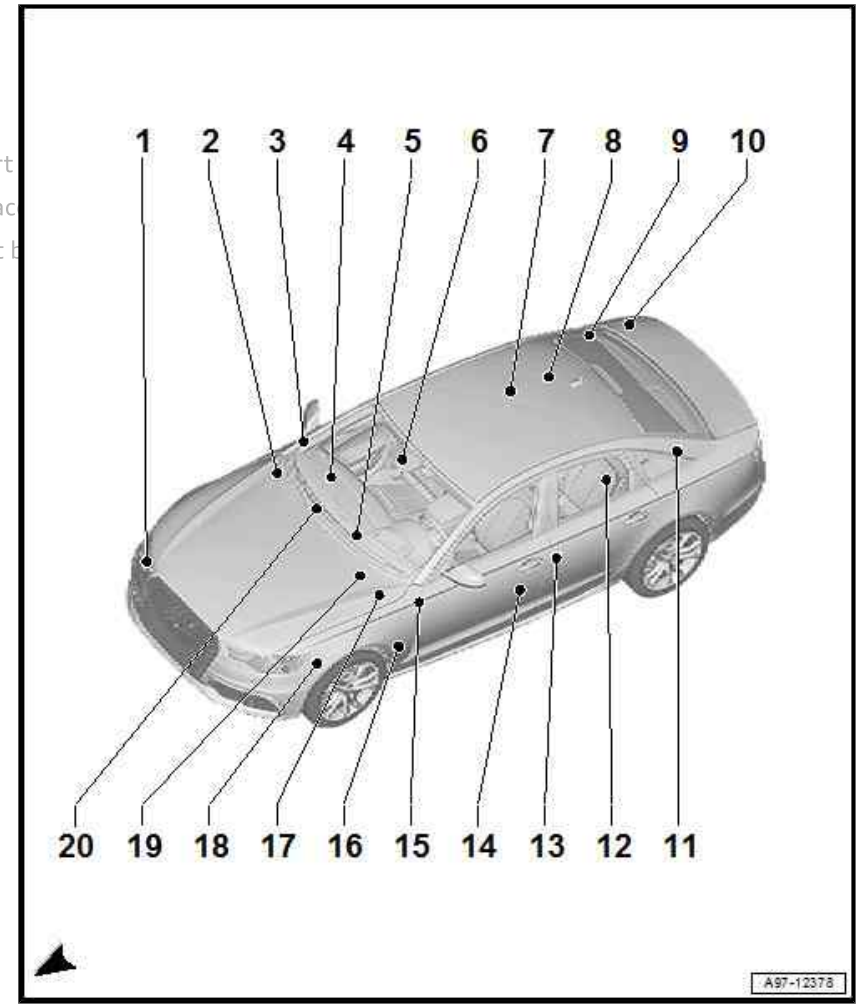
- ❑ Connectors: -T8p- , -T2ql-
- ❑ Fitting location and assignment ⇒ page 30

6 - Coupling point under front passenger seat

- ❑ Connectors: -T3t- , -T4ad- , -T4em- , -T4gm- , -T6i- , -T10e- , -T17n-
- ❑ Fitting location and assignment ⇒ page 6

7 - Coupling point on rear right door

- ❑ Connectors: -T27d-
- ❑ Fitting location and assignment ⇒ page 17



8 -
Coupling point for rear right centre armrest

- Connectors: -T17x- , -T2kt- , -T4gu-
- Fitting location and assignment ⇒ page 14

Coupling point on rear right seat

- Connectors: -T17v-
- Fitting location and assignment ⇒ page 31

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9 - Coupling point, relay and fuse carrier on right in luggage compartment

- Connectors: -T46b-
- Fitting location ⇒ page 20
- Assignment up to model year 2014 ⇒ page 21
- Assignment from model year 2015 ⇒ page 22

10 -
Rear bumper coupling point

- Connectors up to model year 2014: -T8av-
- Connectors from model year 2015: -T12s- , -T16v-
- Fitting location ⇒ page 15
- Assignment up to model year 2014 ⇒ page 15
- Assignment from model year 2015 ⇒ page 16

Trailer coupling

- Connectors: -T17t-
- Fitting location and assignment ⇒ page 33

11 - ANC microphones coupling

- Connectors: -T8bb-
- Fitting location and assignment ⇒ page 24

12 -
Coupling point for rear left centre armrest

- Connectors: -T17w- , -T4gt- , -T2ks- , -T2cq-
- Fitting location and assignment ⇒ page 13

13 - Coupling point on rear left door

- Connectors: -T27c-
- Fitting location and assignment ⇒ page 16

Coupling point on rear left seat

- Connectors: -T17u-

- ❑ Fitting location and assignment ⇒ page 32

14 -
Coupling point under driver seat

- ❑ Connectors: -T3q- , -T4w- , -T4el- , -T4gl- , -T6h- , -T10d- , -T17m-
- ❑ Fitting location and assignment ⇒ page 7

15 -
Coupling point on front left door

- ❑ Connectors: -T23a- , -T5bt-
- ❑ Fitting location and assignment ⇒ page 18

16 -
Coupling station on left of A-pillar

- ❑ Connectors, left-hand drive: -T46a- , -T17f- , -T17g- , -T17h- , -T17i- , -T17k- , -T17l-
- ❑ Connectors, right-hand drive: -T17l- , -T17o- , -T17p-
- ❑ Fitting location ⇒ page 9
- ❑ Assignment, left-hand drive ⇒ page 9
- ❑ Assignment, right-hand drive ⇒ page 10

17 -
Coupling station, electronics box in plenum chamber

- ❑ Connectors: -T17a- , -T17b- , -T17z-
- ❑ Fitting location ⇒ page 11
- ❑ Assignment, left-hand drive ⇒ page 11
- ❑ Assignment, right-hand drive ⇒ page 12

18 - Front left bumper coupling point

- ❑ from model year 2015
- ❑ Connector: -T8i-
- ❑ Location and assignment up to model year 2014 ⇒ page 26
- ❑ Location and assignment from model year 2015 ⇒ page 27

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19 -
Coupling station, engine

- ❑ Connectors: -T14s- , -T14t- , -T14u- , -T2nb-
- ❑ Fitting location ⇒ page 28
- ❑ Assignment, left-hand drive ⇒ page 28
- ❑ Assignment, right-hand drive ⇒ page 29

20 - Coupling in plenum chamber

- ❑ up to model year 2014
- ❑ Connectors: -T5-

❑ Fitting location and assignment ⇒ page 25

1.2 Coupling station on right of A-pillar

Fitting location

On lower part of right A-pillar.

Assignment, left-hand drive models

1 - not assigned

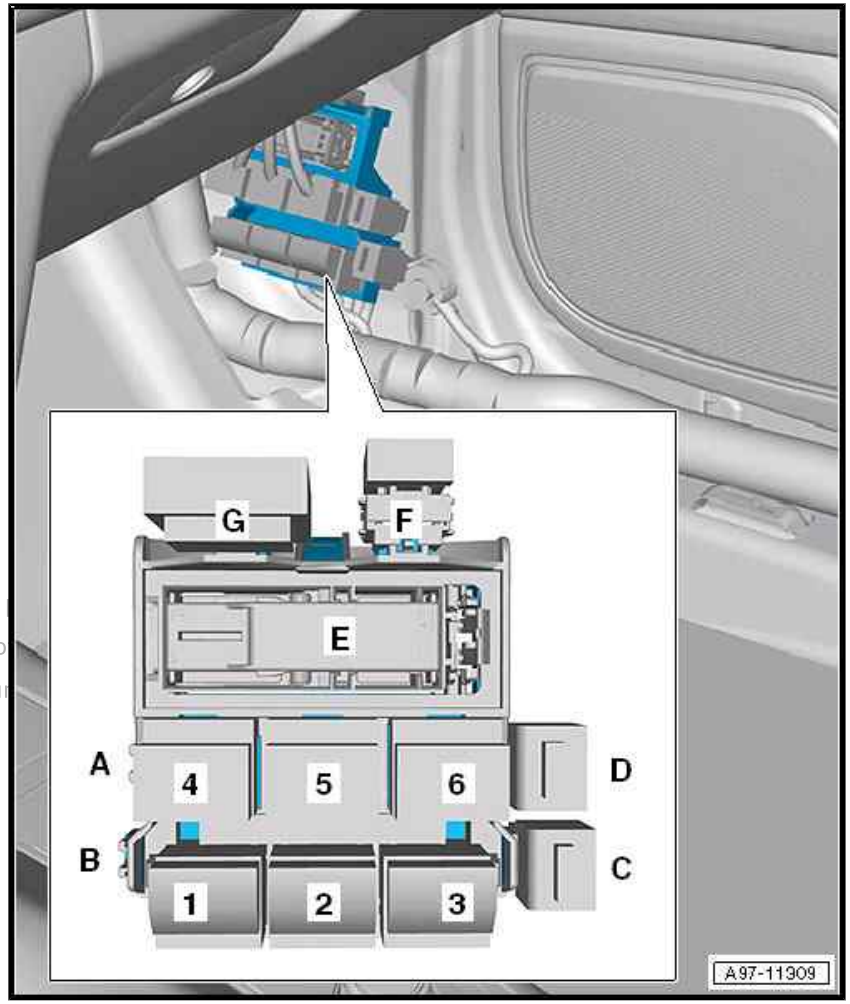
2 - not assigned

3 - not assigned

4 - 17-pin connector -T17o- , black

5 - 17-pin connector -T17q- , brown

6 - 17-pin connector -T17p- , yellow



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Assignment, right-hand drive models

E - 46-pin connector -T46a- , CAN disconnector, black

- ❑ with Wiring junction for convenience CAN bus, high -TV34- , Wiring junction for convenience CAN bus, low -TV38- , Wiring junction for powertrain CAN bus, high -TV33- , Wiring junction for powertrain CAN bus, low -TV37- , Wiring junction for CAN bus extended, high -TV41- , Wiring junction for CAN bus extended, low -TV42-

1 - 17-pin connector -T17i- , black

2 - 17-pin connector -T17h- , red

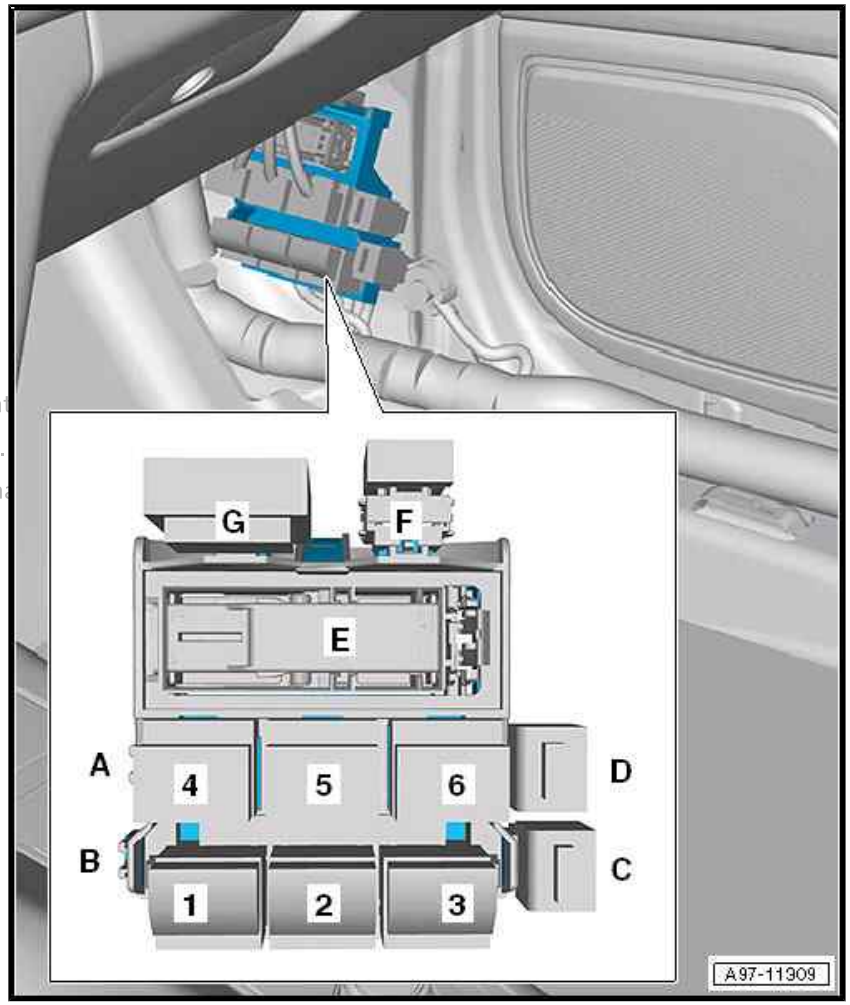
3 - 17-pin connector -T17g- , blue

4 - 17-pin connector -T17f- , white

5 - 17-pin connector -T17k- , green

6 - not assigned

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1.3 Coupling point under front passenger seat

Fitting location

Under front passenger seat.

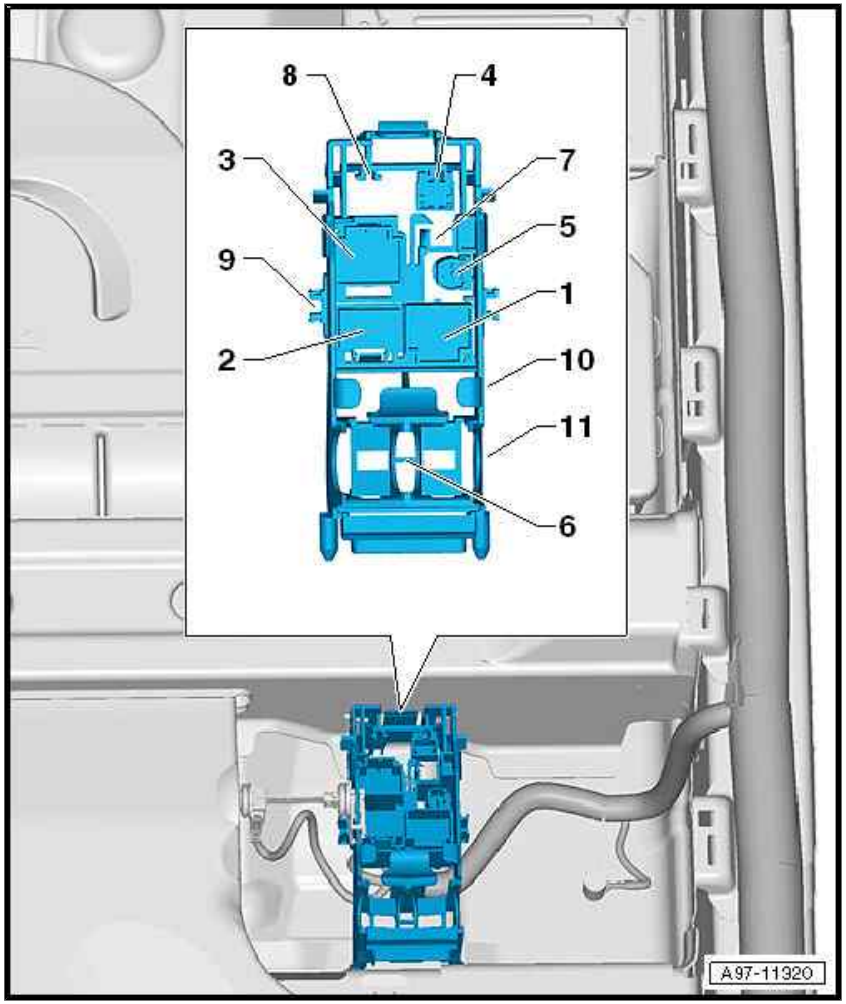
Note

Illustration shows left-hand drive model.

Connectors

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1 - 6-pin connector -T6i- , green
2 - 17-pin connector -T17n- , red
3 - 10-pin connector -T10e- , black
4 - 4-pin connector -T4ad- , black
5 - 3-pin connector -T3t- , yellow
6 - not assigned
7 - 4-pin connector -T4em- , black
8 - 4-pin connector -T4gm- , black
9 - not assigned
10 - not assigned



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1.4 Coupling point under driver seat

Fitting location

Under driver seat.

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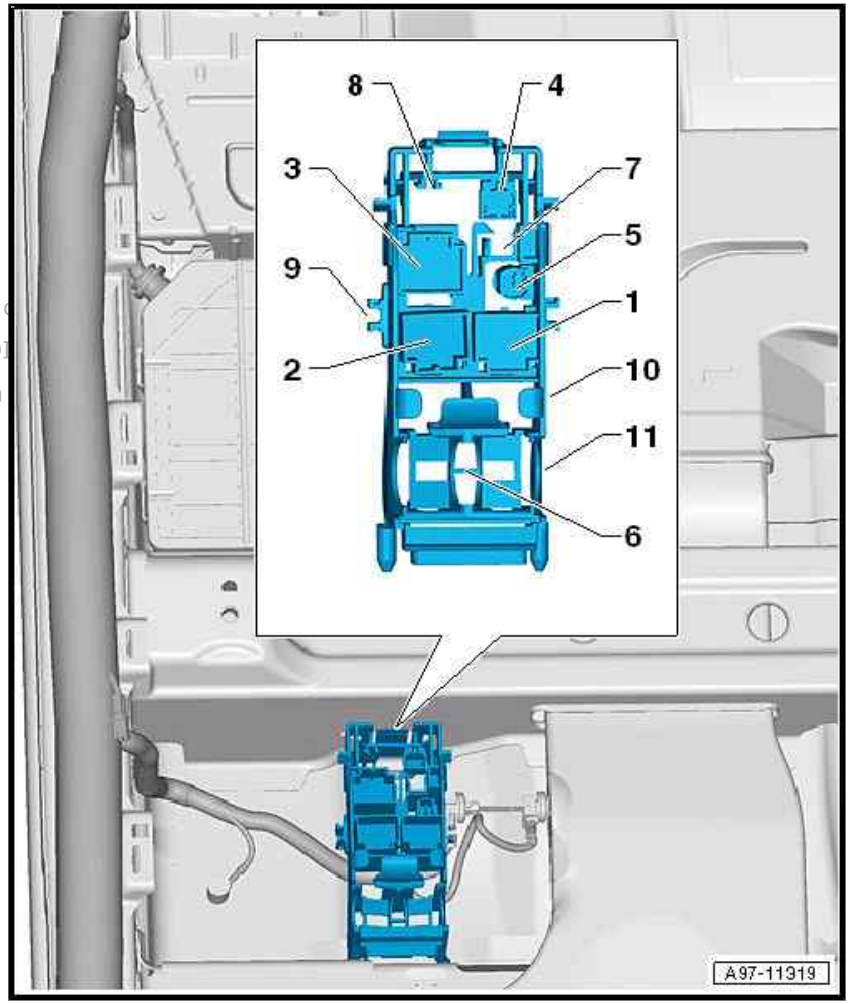
Note

Illustration shows left-hand drive model.

Connectors

1 - 6-pin connector -T6h- , green
2 - 17-pin connector -T17m- , red
3 - 10-pin connector -T10d- , black
4 - 4-pin connector -T4w- , black
5 - 3-pin connector -T3q- , yellow
6 - not assigned
7 - 4-pin connector -T4el- , black
8 - 4-pin connector -T4gl- , black
9 - not assigned
10 - not assigned

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1.5 Coupling station on left of A-pillar

Fitting location

On lower part of left A-pillar.

Assignment, left-hand drive models

E - 46-pin connector -T46a- , CAN disconnector, black

- ❑ with Wiring junction for convenience CAN bus, high -TV34- , Wiring junction for convenience CAN bus, low -TV38- , Wiring junction for powertrain CAN bus, high -TV33- , Wiring junction for powertrain CAN bus, low -TV37- , Wiring junction for CAN bus extended, high -TV41- , Wiring junction for CAN bus extended, low -TV42-

1 - 17-pin connector -T17k- , green

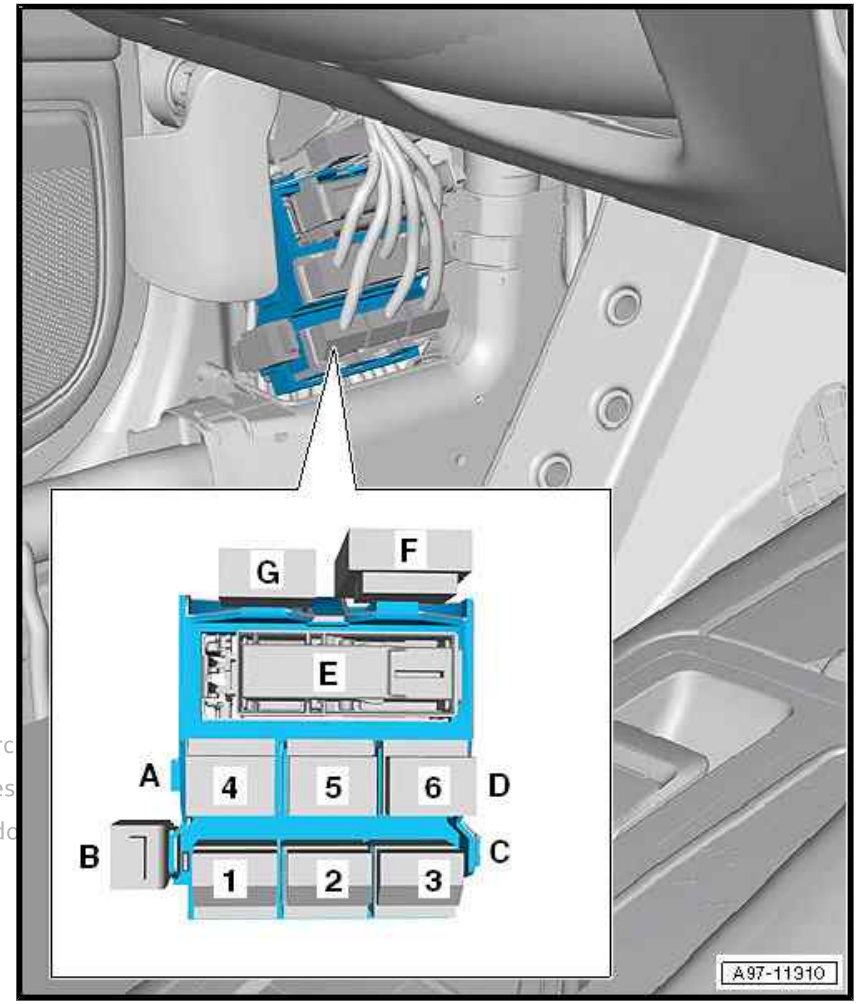
2 - 17-pin connector -T17h- , red

3 - 17-pin connector -T17f- , white

4 - 17-pin connector -T17l- , grey

5 - 17-pin connector -T17i- , black

6 - 17-pin connector -T17g- , blue



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Assignment, right-hand drive models

1 - 17-pin connector -T17o- , black

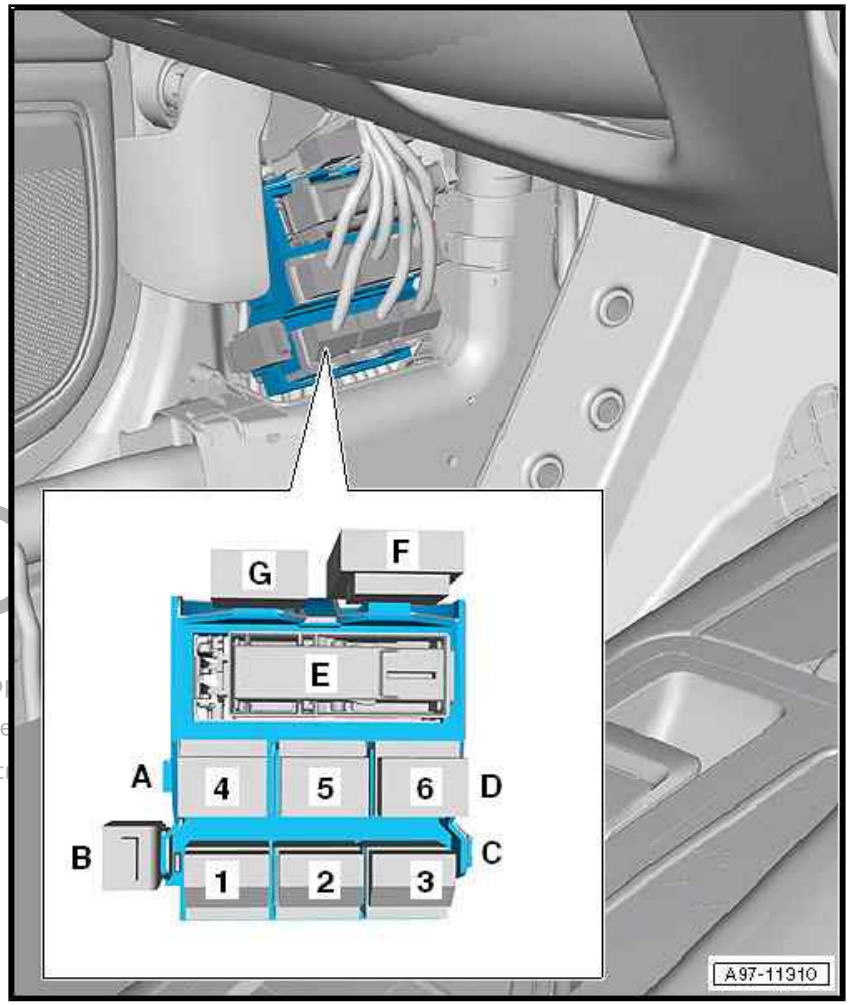
2 - not assigned

3 - 17-pin connector -T17l- , grey

4 - not assigned

5 - not assigned

6 - 17-pin connector -T17p- , yellow



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1.6 Coupling station, electronics box in plenum chamber

Fitting location

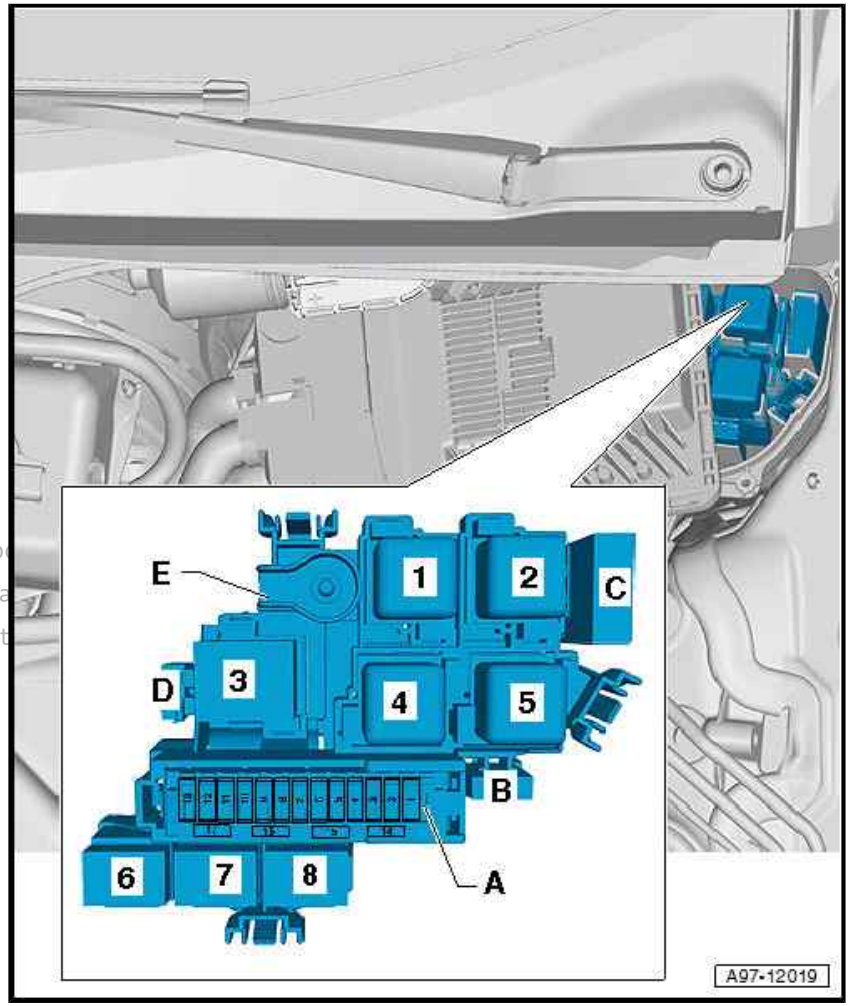
In electronics box in plenum chamber.

Assignment, left-hand drive models

6 - 17-pin connector -T17z- , brown

7 - 17-pin connector -T17b- , red

8 - 17-pin connector -T17a- , white



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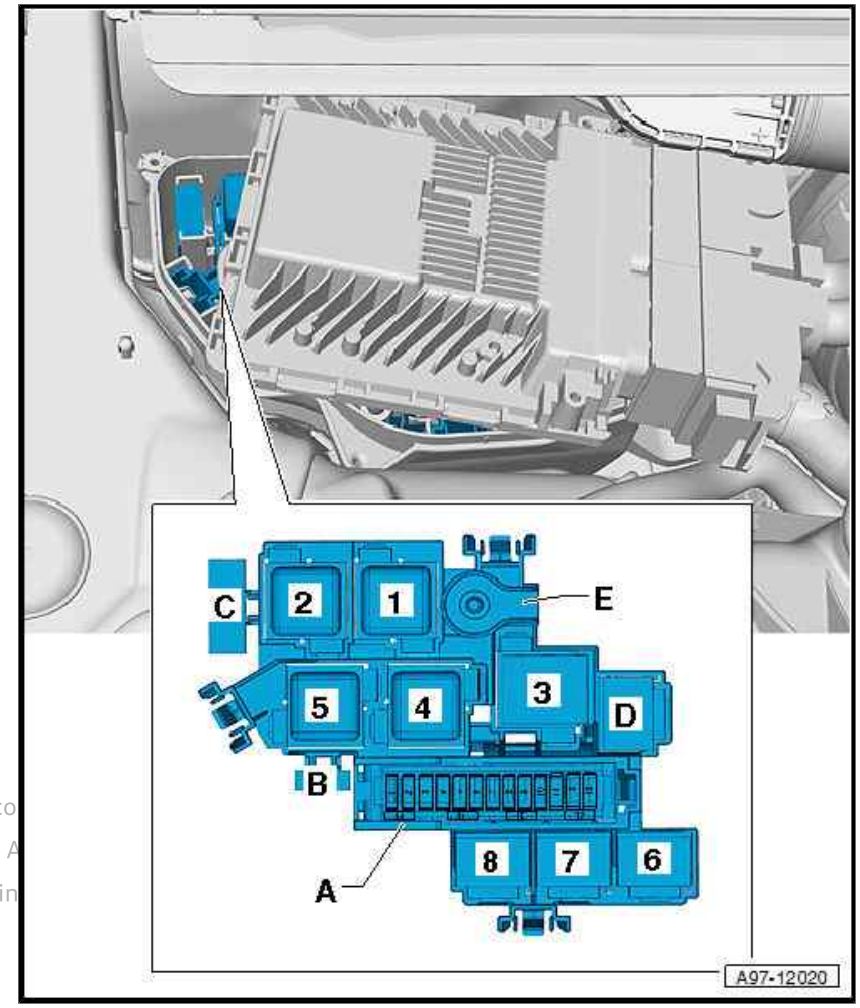
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Assignment, right-hand drive models

6 - 17-pin connector -T17z- , brown

7 - 17-pin connector -T17b- , red

8 - 17-pin connector -T17a- , white



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1.7 Coupling point for rear left centre armrest

Fitting location

behind rear left backrest.

Connectors

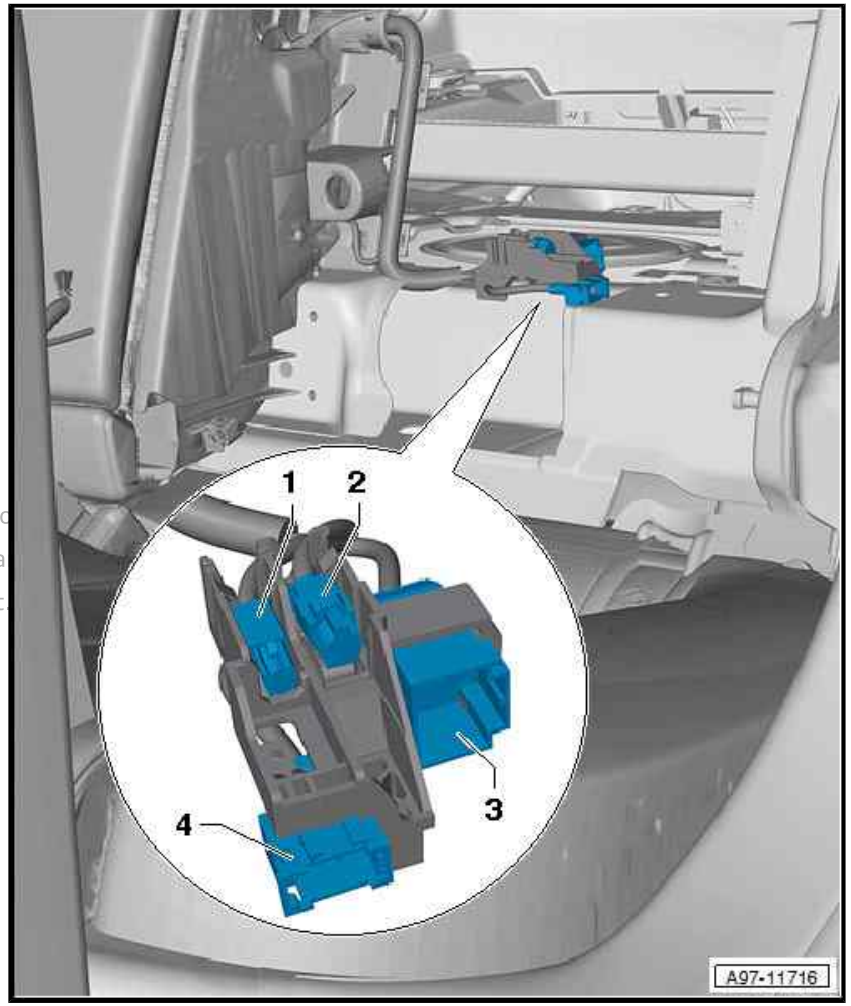
1 - 2-pin connector -T2ks- , black, to TV tuner -R78- / digital TV tuner -R171-

2 - 4-pin connector -T4gt- , blue, to Multimedia system display unit 1 -Y22-

3 - 17-pin connector -T17w- , black

4 - 2-pin connector -T2cq- , MOST bus, black

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1.8 Coupling point for rear right centre armrest

Fitting location

behind rear right backrest.

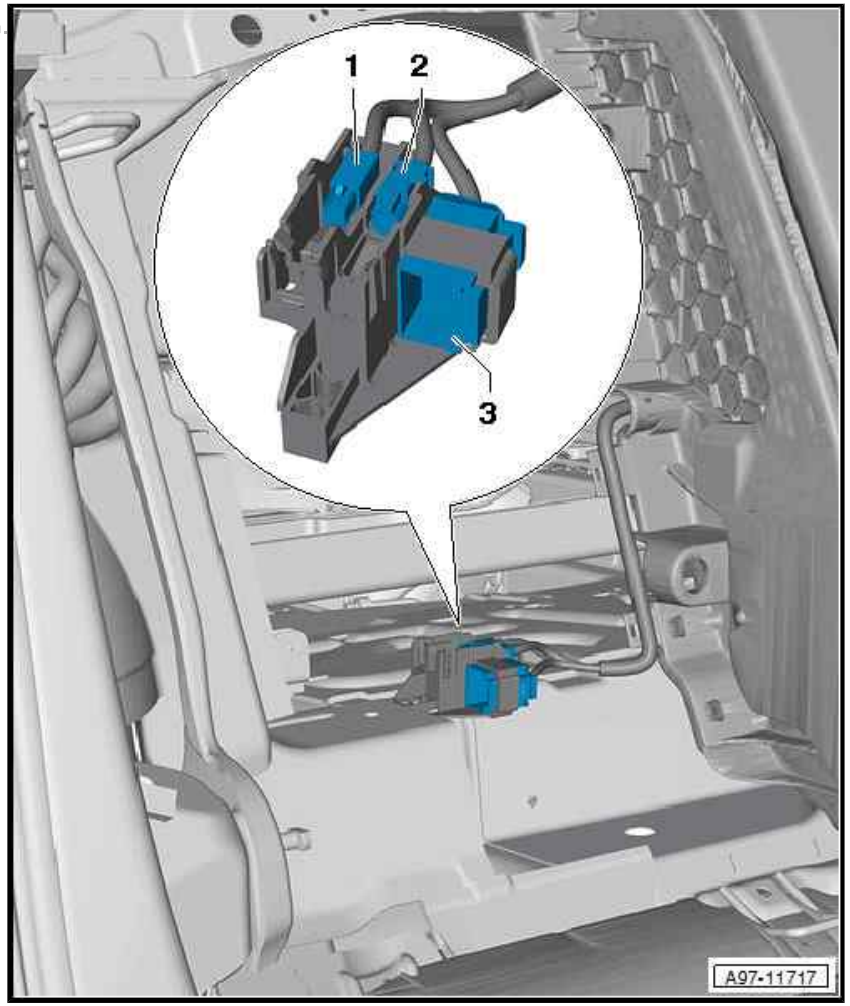
Connectors

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1 - 2-pin connector -T2kt- , black, to DVD changer -R161-

2 - 4-pin connector -T4gu- , black, to Multimedia system display unit 2 -Y23-

3 - 17-pin connector -T17x- , brown



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1.9 Rear bumper coupling point

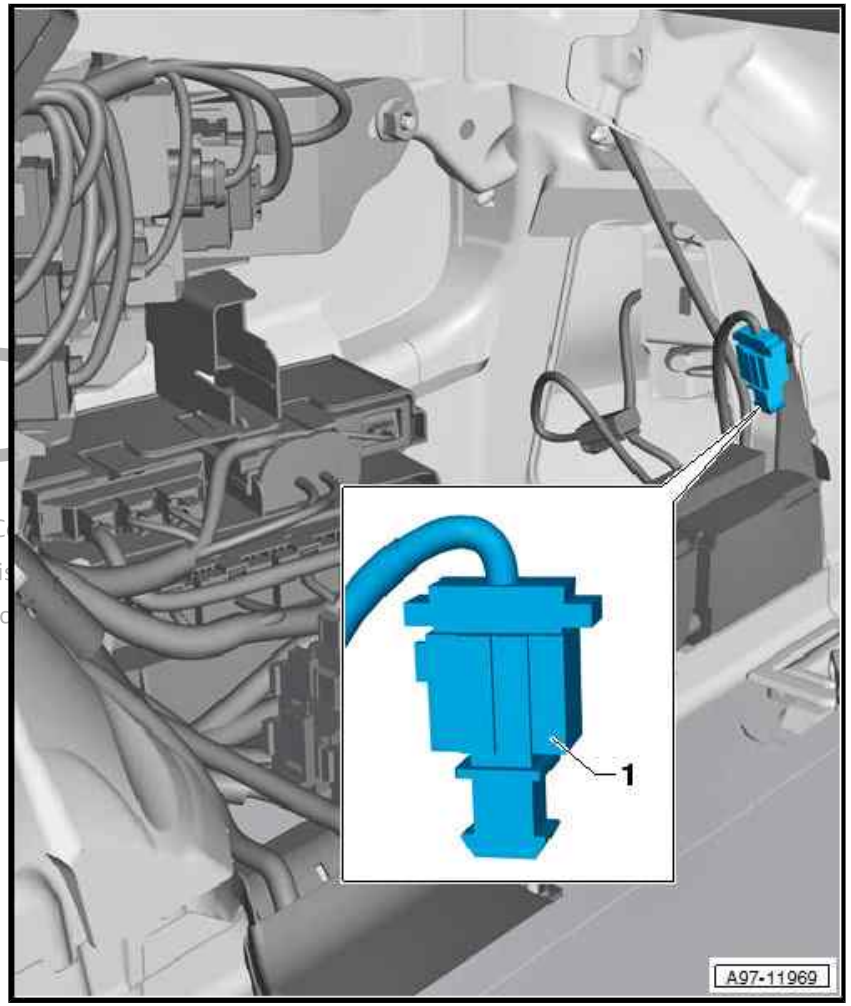
Fitting location

on right in luggage compartment, behind the rear side trim

Connector up to model year 2014

1 - 8-pin connector -T8av- , black

- ❑ to rear lid power opening control unit -J938-

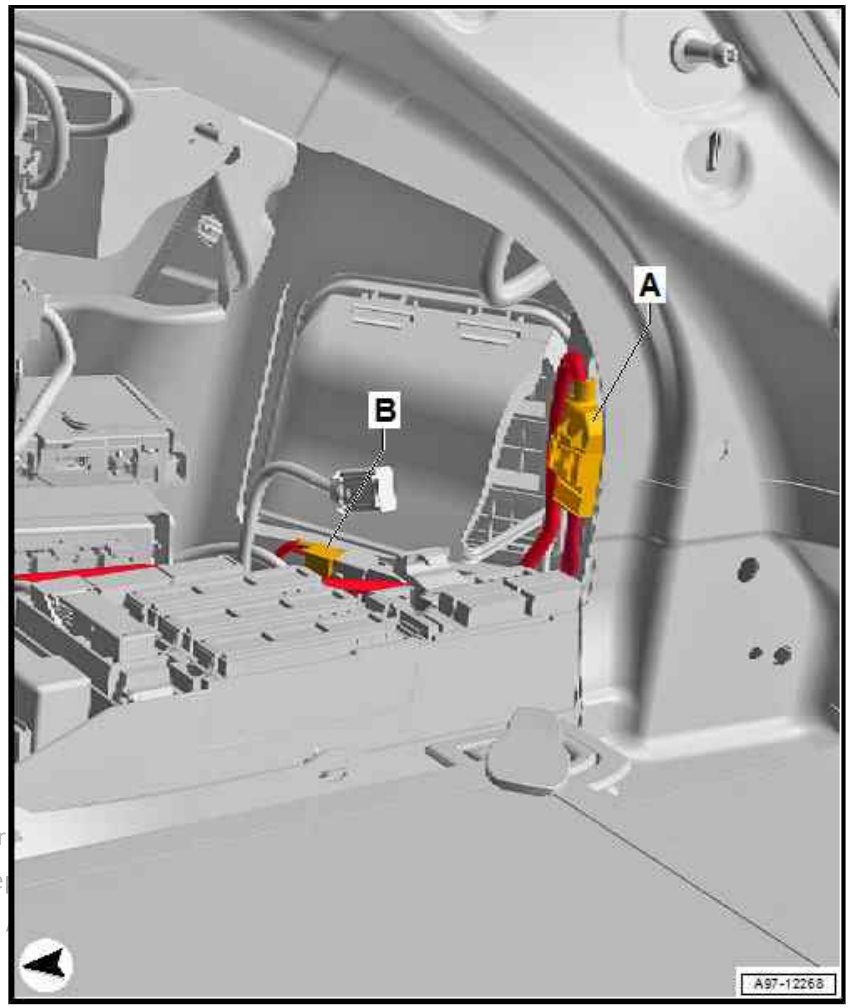


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Connectors from model year 2015

A - 16-pin connector -T16v- , brown

B - 12-pin connector -T12s- , black



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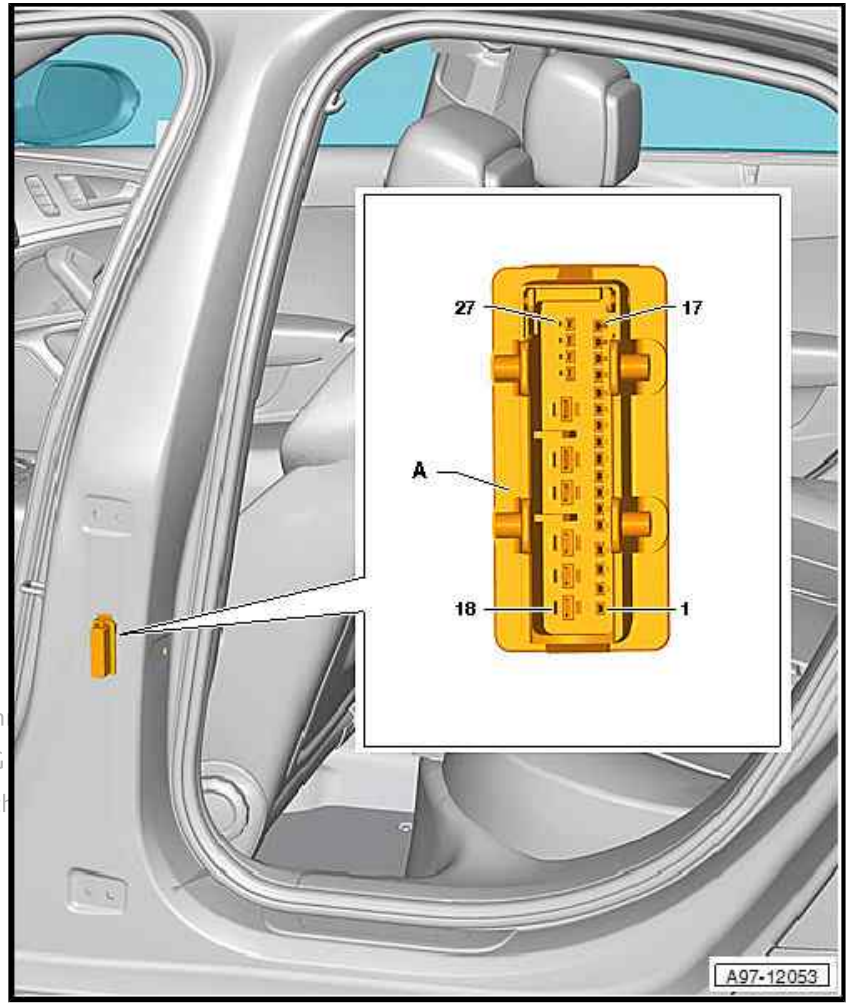
1.10 Coupling point on rear left door

Fitting location

In left B-pillar.

Connector

A - 27-pin connector -T27c-



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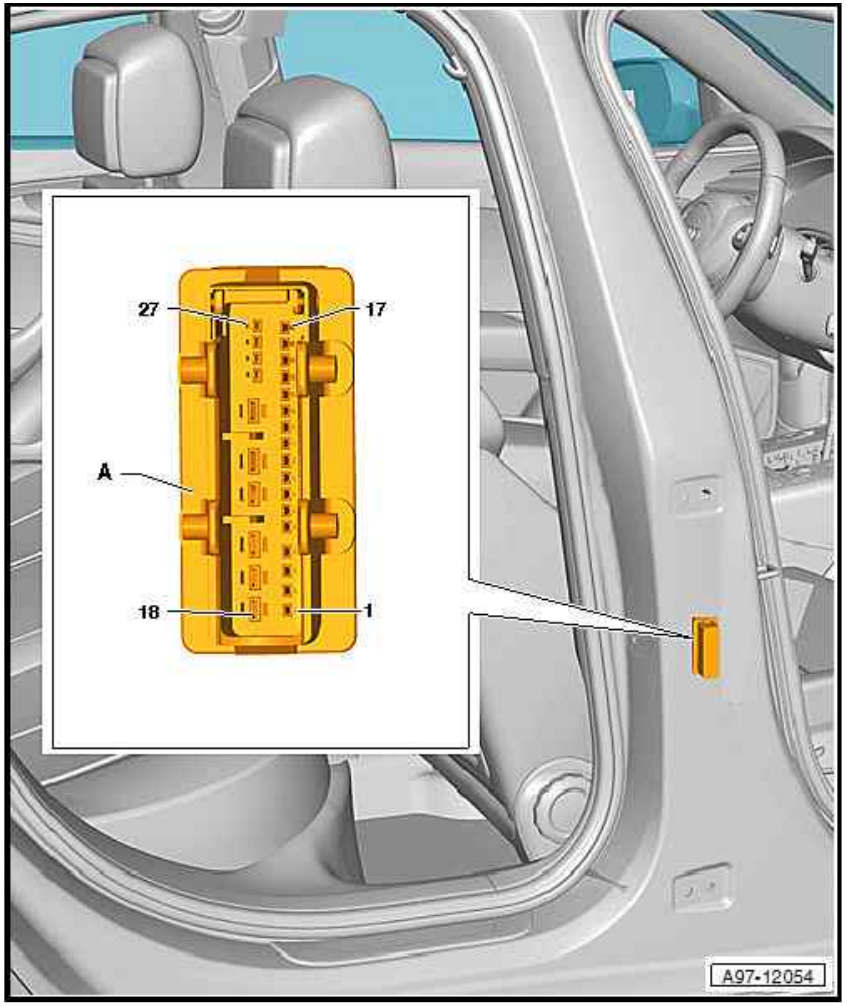
1.11 Coupling point on rear right door

Fitting location

In right B-pillar.

Connector

A - 27-pin connector -T27d-



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1.12 Coupling point on front left door

Fitting location

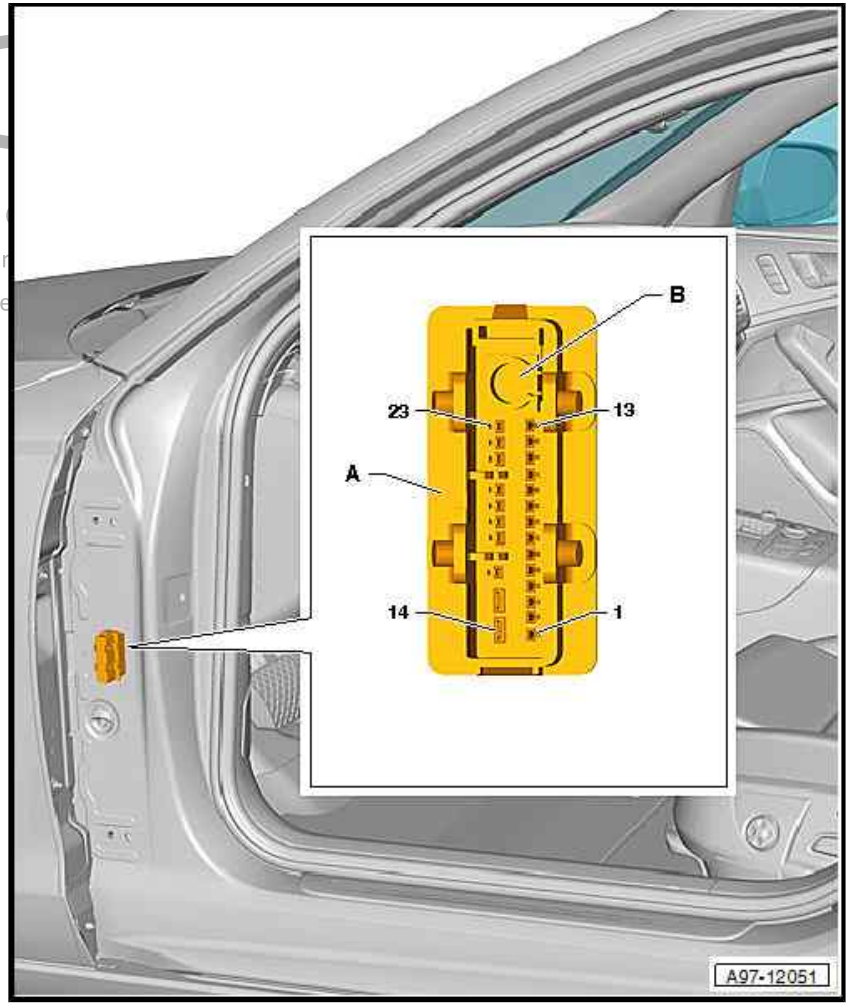
In left A-pillar.

Connector

A - 23-pin connector -T23a-

B - 5-pin connector -T5bt- , connection Left overhead view camera -R244-

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1.13 Coupling point on front right door

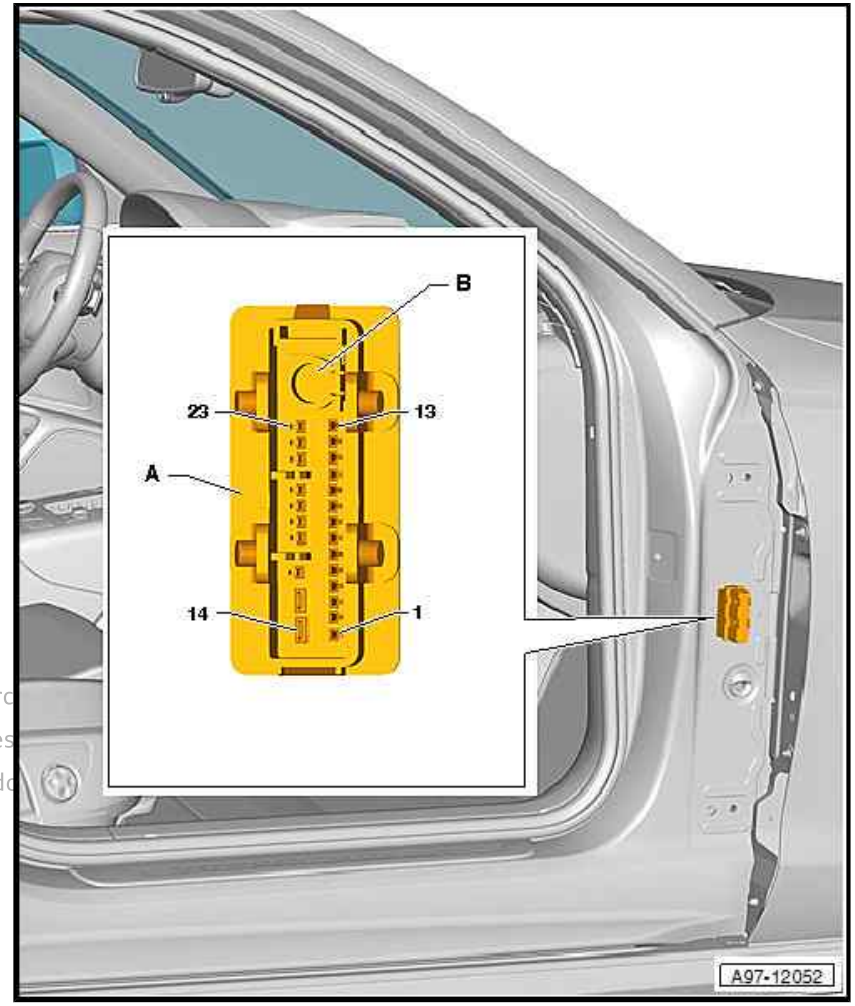
Fitting location

In right A-pillar.

Connector

A - 23-pin connector -T23b-

B - 5-pin connector -T5aq- , connection Right overhead view camera -R245-



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1.14 Coupling point, relay and fuse carrier on right in luggage compartment

Fitting location

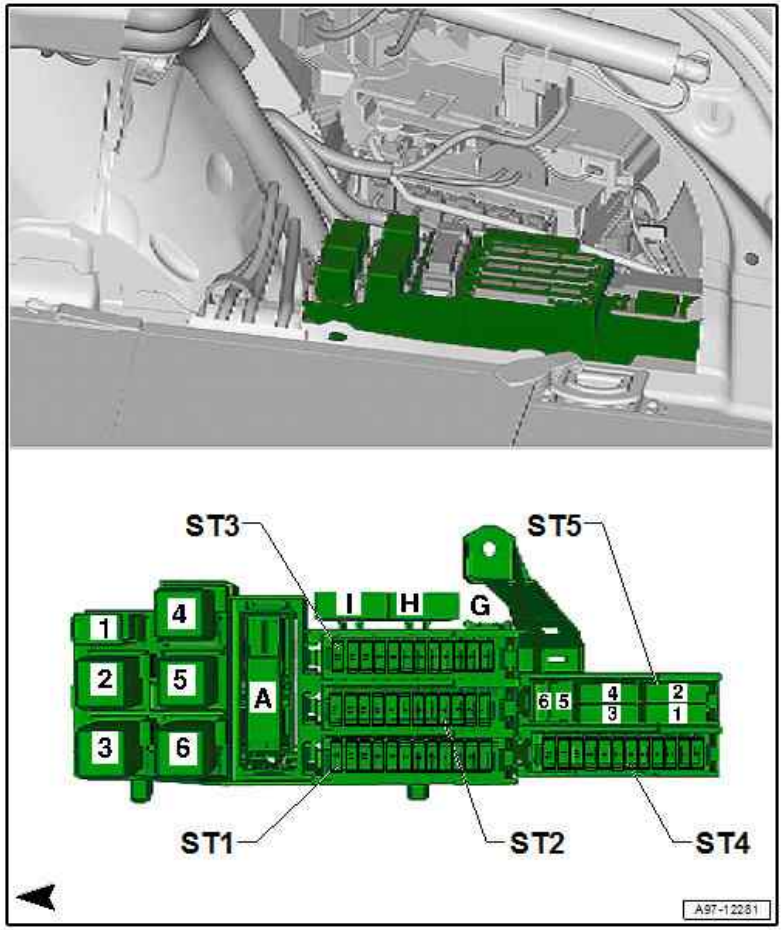
In luggage compartment, rear right.

Connector up to model year 2014

A - 46-pin connector -T46b- , CAN disconnector, black

- ❑ with Wiring junction for dash panel insert CAN bus, high -TV36- , Wiring junction for dash panel insert CAN bus, low -TV40- , Wiring junction for convenience CAN bus, high -TV34- , Wiring junction for convenience CAN bus, low -TV38- , Wiring junction for powertrain CAN bus, high -TV33- , Wiring junction for powertrain CAN bus, low -TV37-

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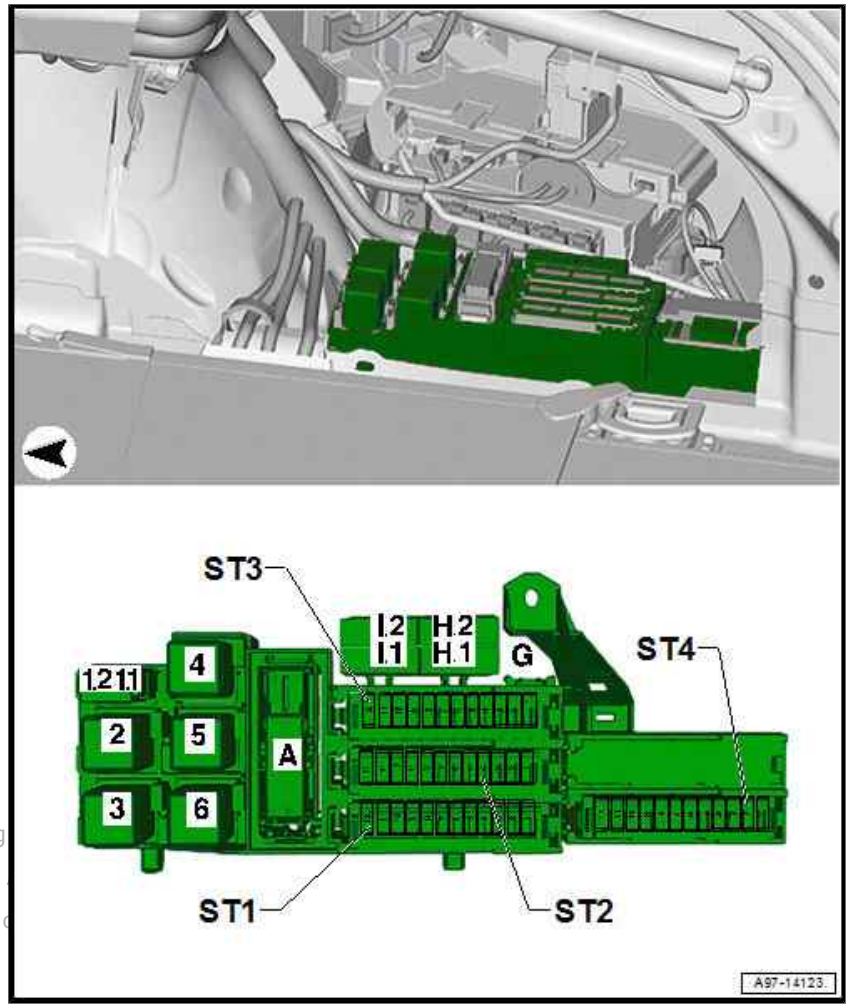


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Connector from model year 2015

A - 46-pin connector -T46b- , black, CAN disconnector

- ❑ with Wiring junction for dash panel insert CAN bus, high -TV36- , Wiring junction for dash panel insert CAN bus, low -TV40- , Wiring junction for convenience CAN bus, high -TV34- , Wiring junction for convenience CAN bus, low -TV38- , Wiring junction for powertrain CAN bus, high -TV33- , Wiring junction for powertrain CAN bus, low -TV37-



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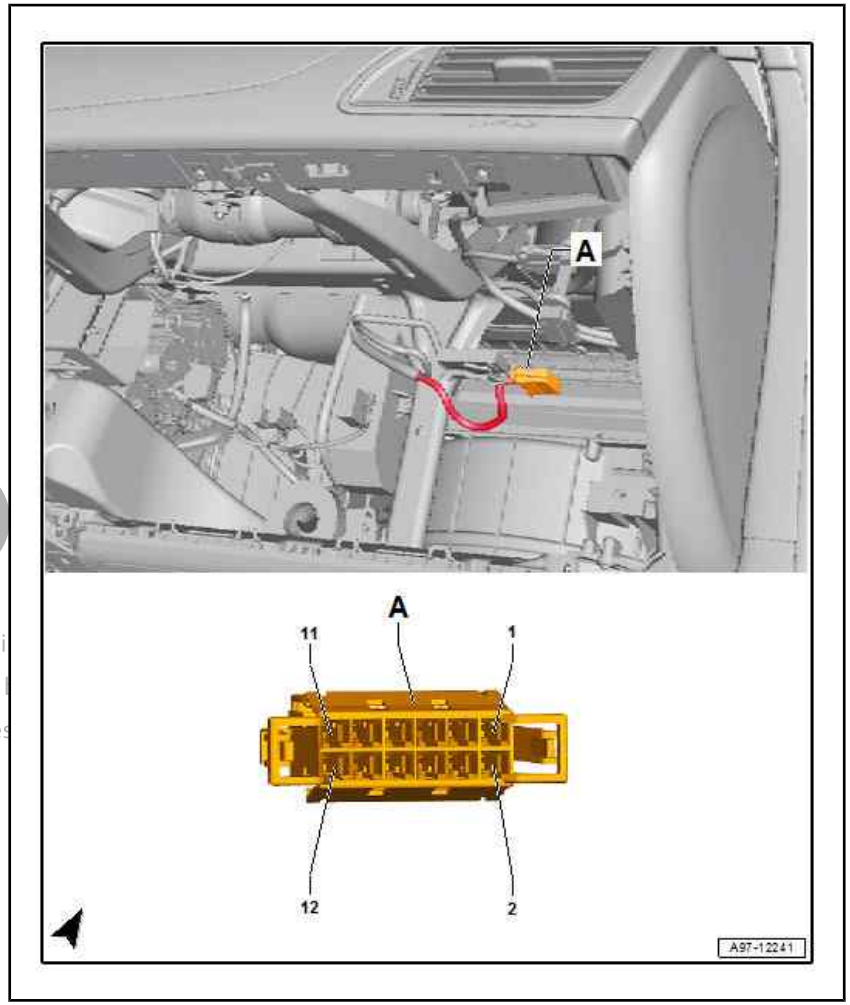
1.15 Coupling point behind glove compartment

Fitting location

Behind glove compartment.

Connector

A - 12-pin connector -T12k-



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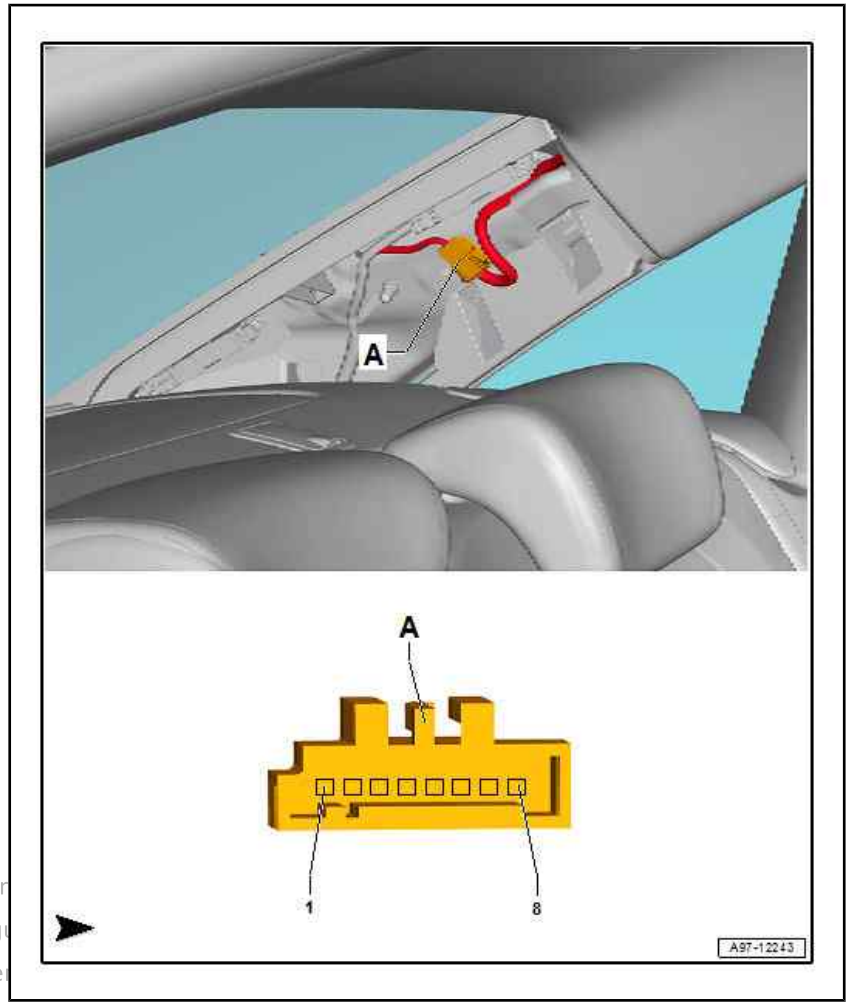
1.16 ANC microphones coupling

Fitting location

Behind left D-pillar.

Connector

A - 8-pin connector -T8bb-



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1.17 Coupling in plenum chamber, up to model year 2014

Fitting location

At centre in plenum chamber, near wiring junction for terminal 30 -TV2-

Connector

A - 5-pin connector -T5- , black



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1.18 Front bumper coupling on right, up to model year 2014

Fitting location

On right behind front bumper trim -A-.

Connector

A - 8-pin connector -T8i- , black

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1.19 Front bumper coupling on left, from model year 2015

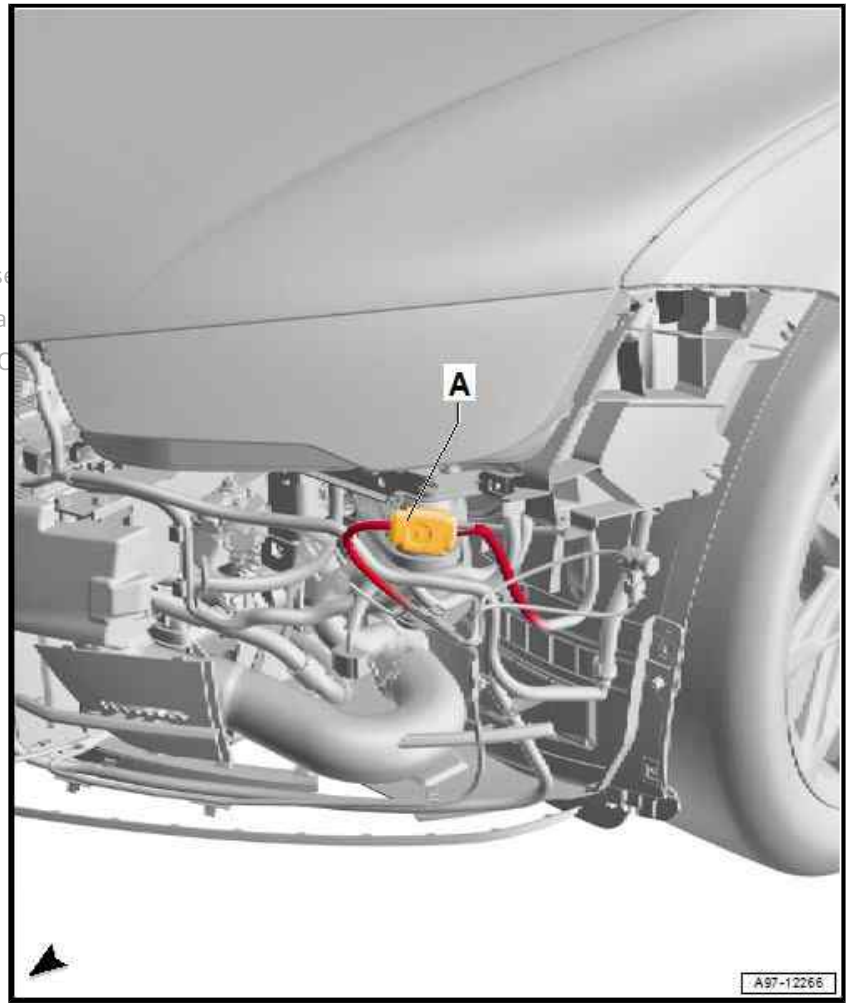
Fitting location

Behind front bumper cover on left -A-.

Connector

A - 8-pin connector -T8i- , black

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1.20 Coupling station, engine

Fitting location

On left in plenum chamber, left-hand drive, near suspension turret.

On right in plenum chamber, right-hand drive, near suspension turret.

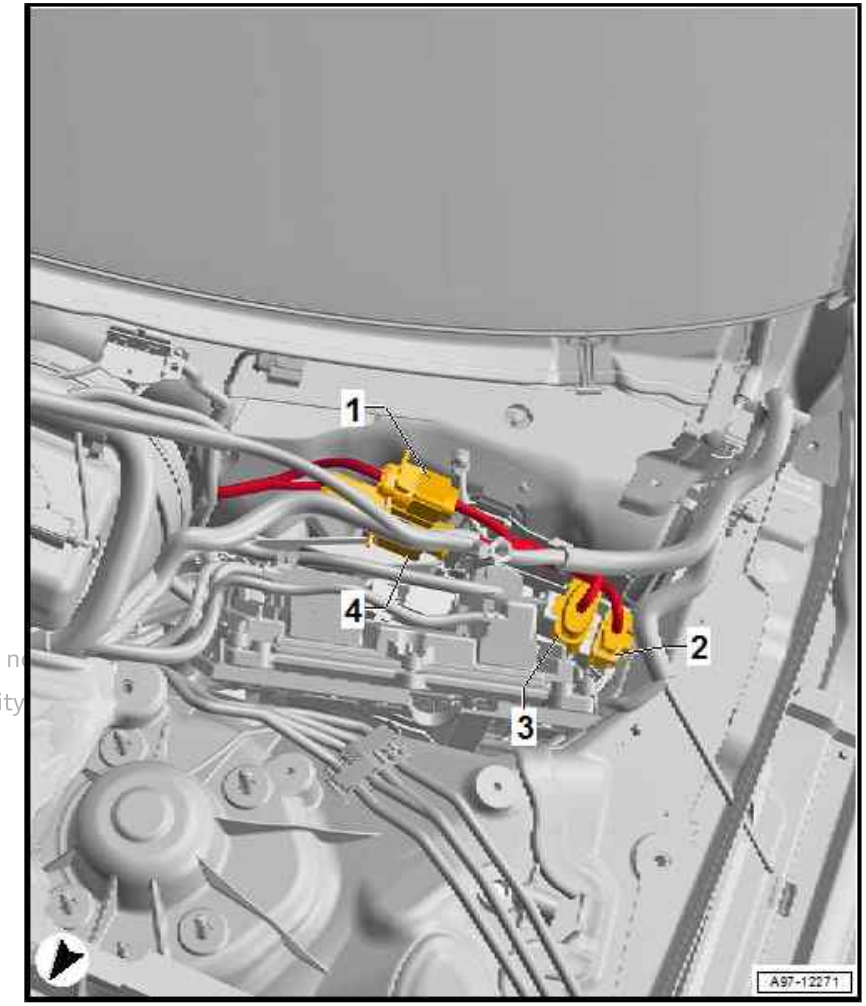
Connectors, left-hand drive

1 - 14-pin connector -T14s- , brown

2 - 14-pin connector -T14t- , black

3 - 14-pin connector -T14u- , black

4 - 2-pin connector -T2nb- , black



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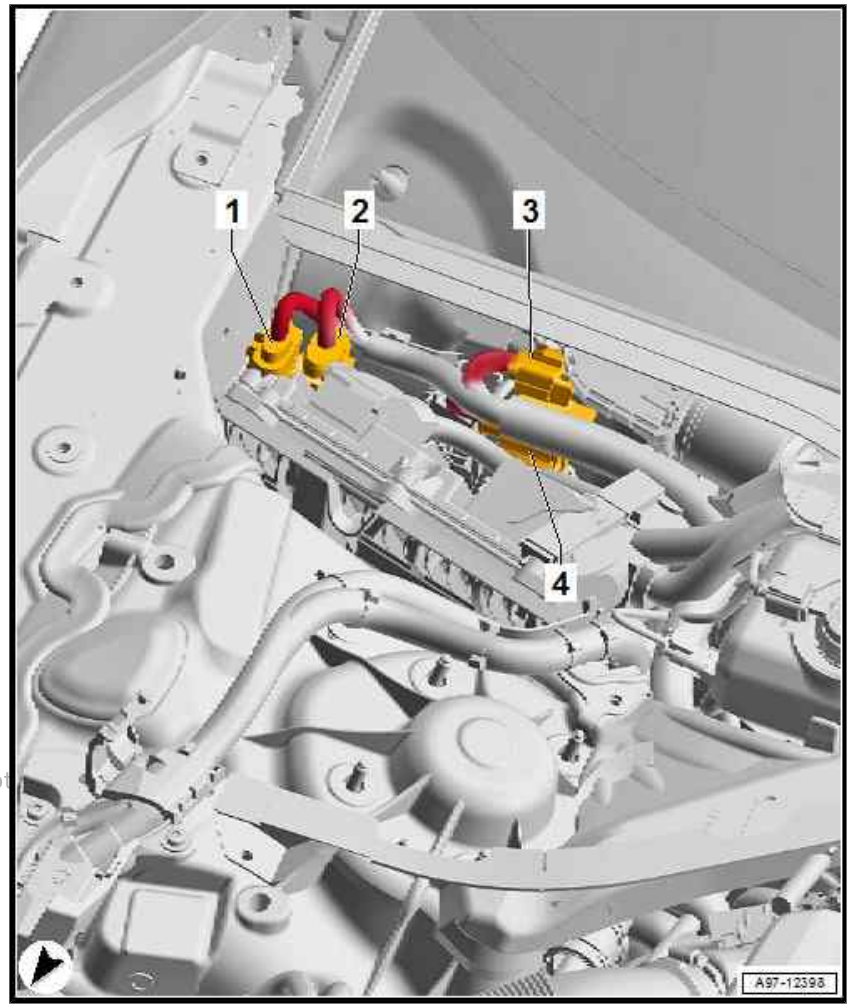
Connectors, right-hand drive

1 - 14-pin connector -T14t- , black

2 - 14-pin connector -T14u- , black

3 - 14-pin connector -T14s- , brown

4 - 2-pin connector -T2nb- , black



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1.21 Front left centre tunnel coupling point

Fitting location

behind centre console at front left at centre tunnel-A-.

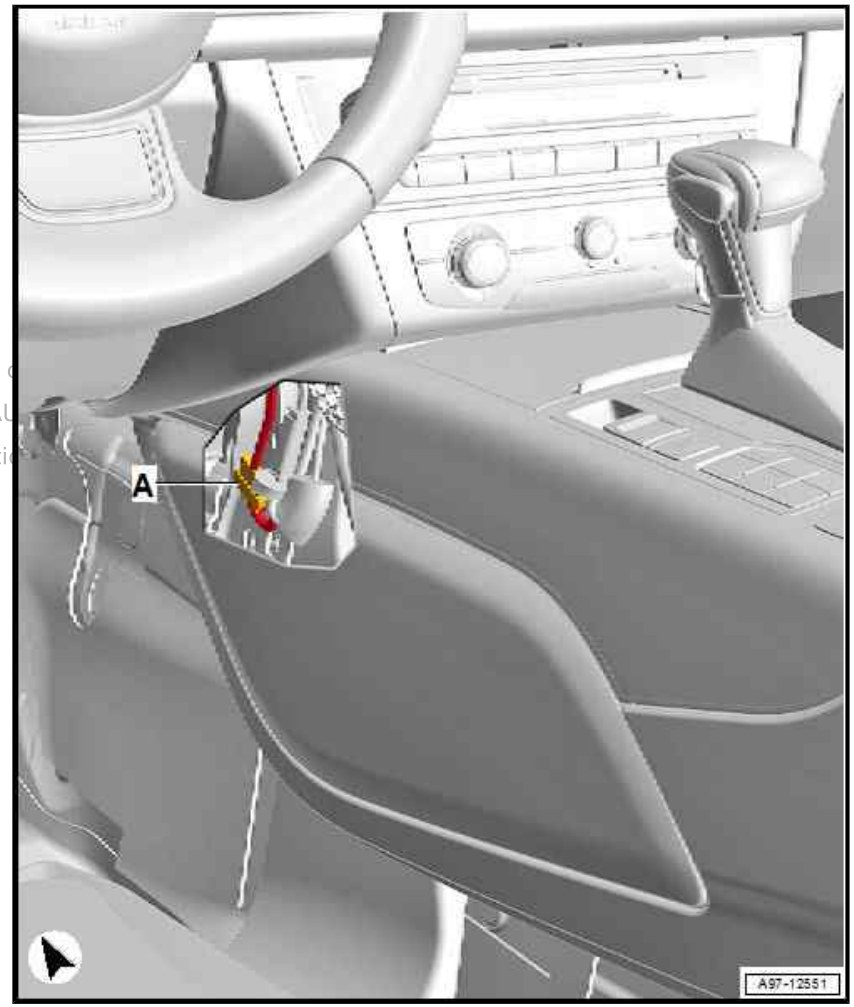
Connector

A - 8-pin connector -T8p- , black

A - 2-pin connector -T2ql- , purple

- ❑ Models for American markets only

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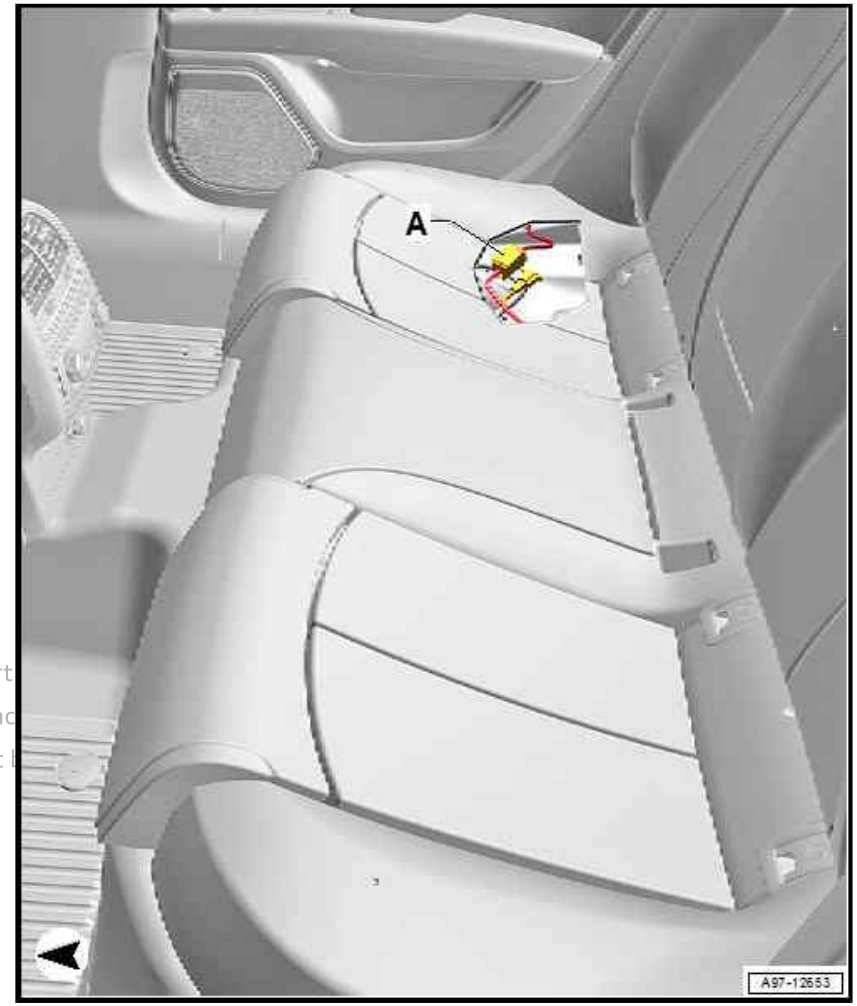
1.22 Coupling on rear right seat

Fitting location

Under rear right seat.

Connector

A - 17-pin connector -T17v- , red



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1.23 Coupling on rear left seat

Fitting location

Under rear left seat.

Connector

A - 17-pin connector -T17u-, red

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1.24 Trailer coupling

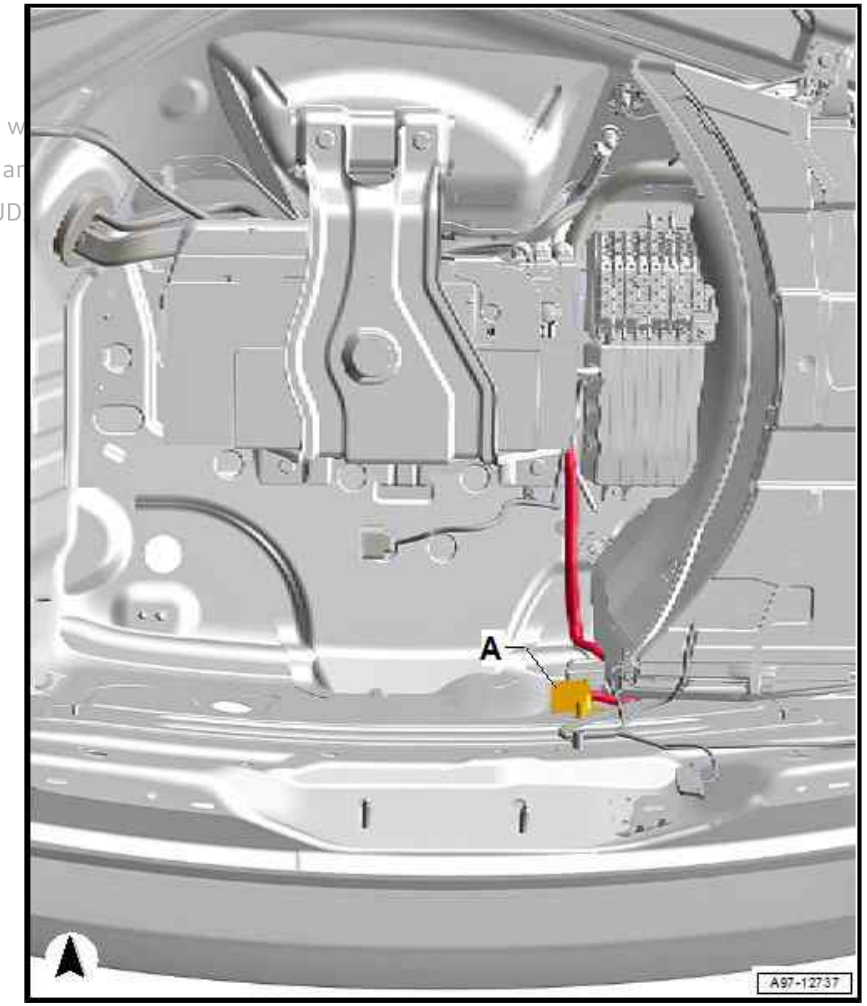
Fitting location

At rear of spare wheel well.

Connector

A - 17-pin connector -T17t- , black

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