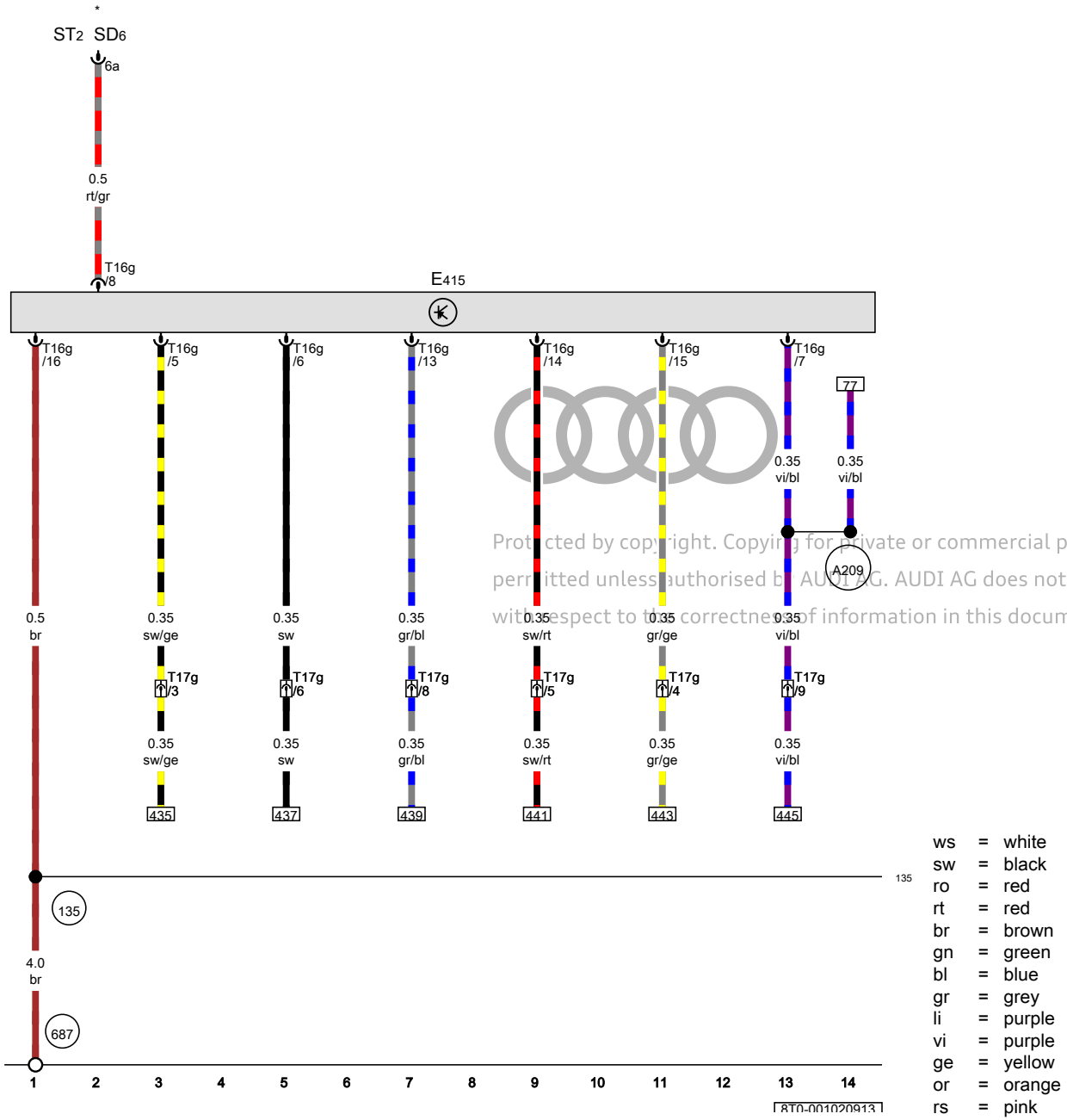
Basic equipment

From June 2007

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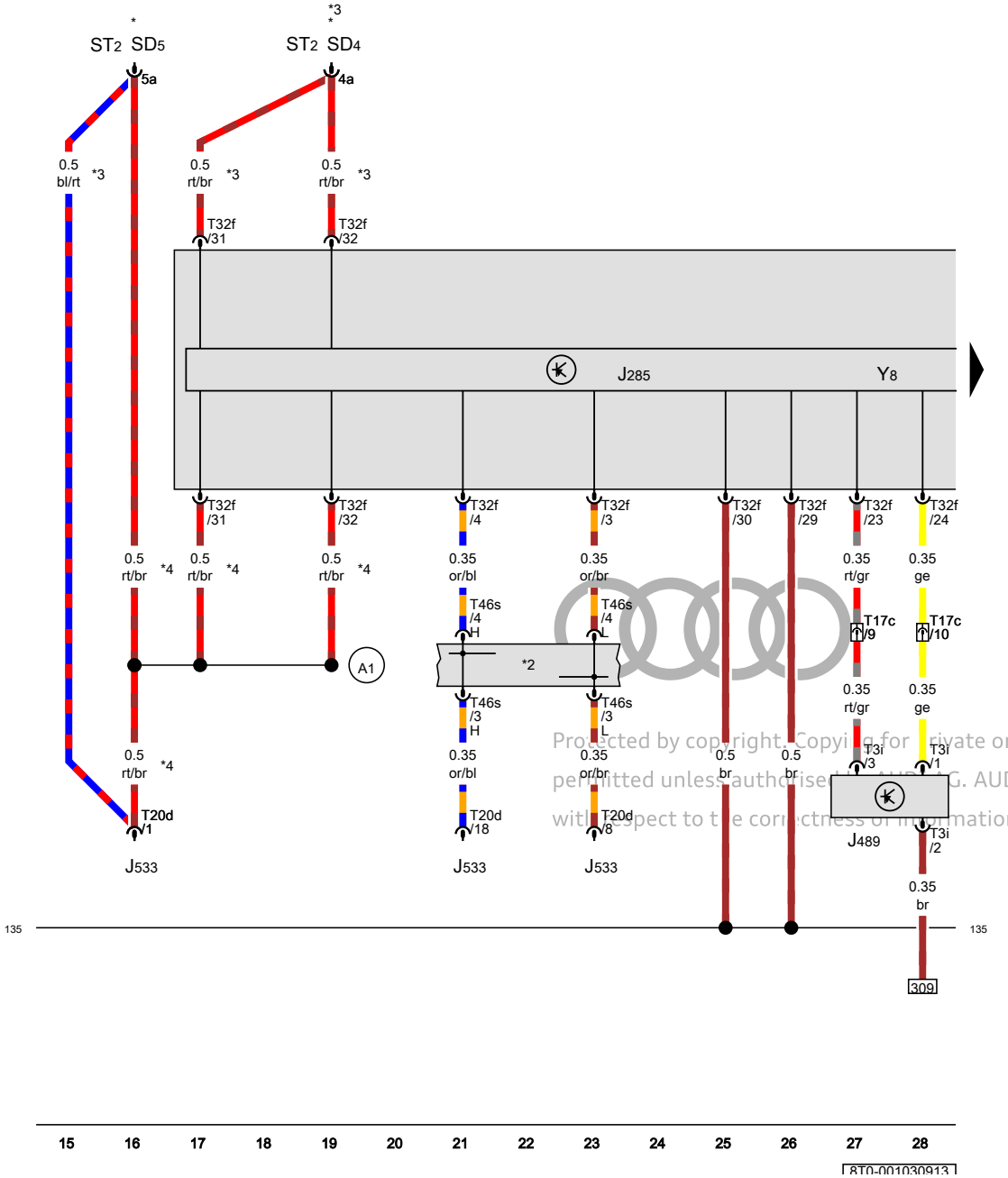
Entry and start authorisation switch, Fuse 6 on fuse holder D

E415	Entry and start authorisation switch
ST2	Fuse carrier 2
SD6	Fuse 6 on fuse holder D
T16g	16-pin connector
T17g	17-pin connector, black
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
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
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Control unit in dash panel insert, Radio controlled clock receiver, Radio controlled clock

J285	Control unit in dash panel insert
J489	Radio controlled clock receiver
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T3i	3-pin connector
T17c	17-pin connector, black
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
Y8	Radio controlled clock
135	Earth connection 2, in dash panel wiring harness
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector
*3	From May 2009
*4	Up to April 2009

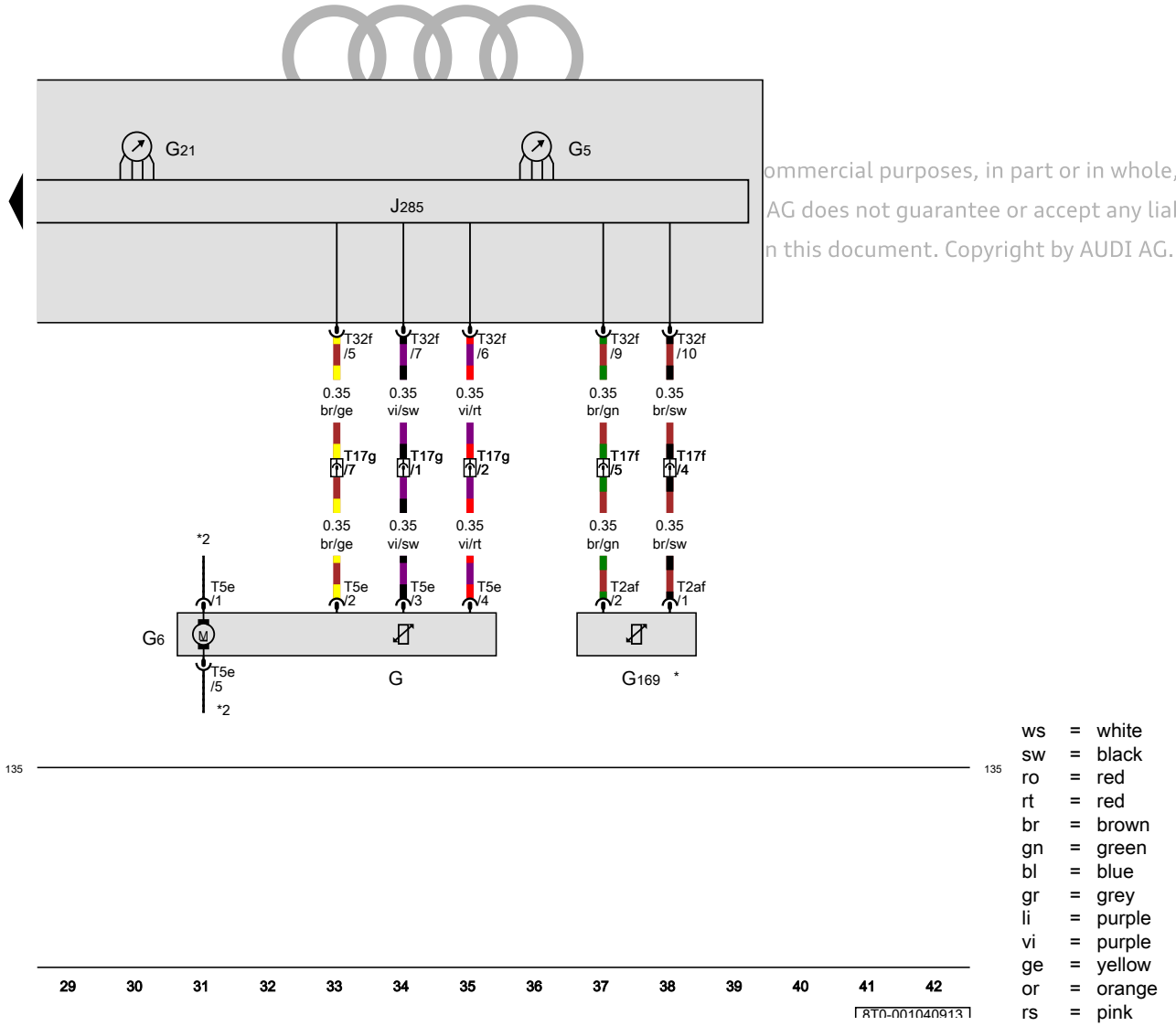
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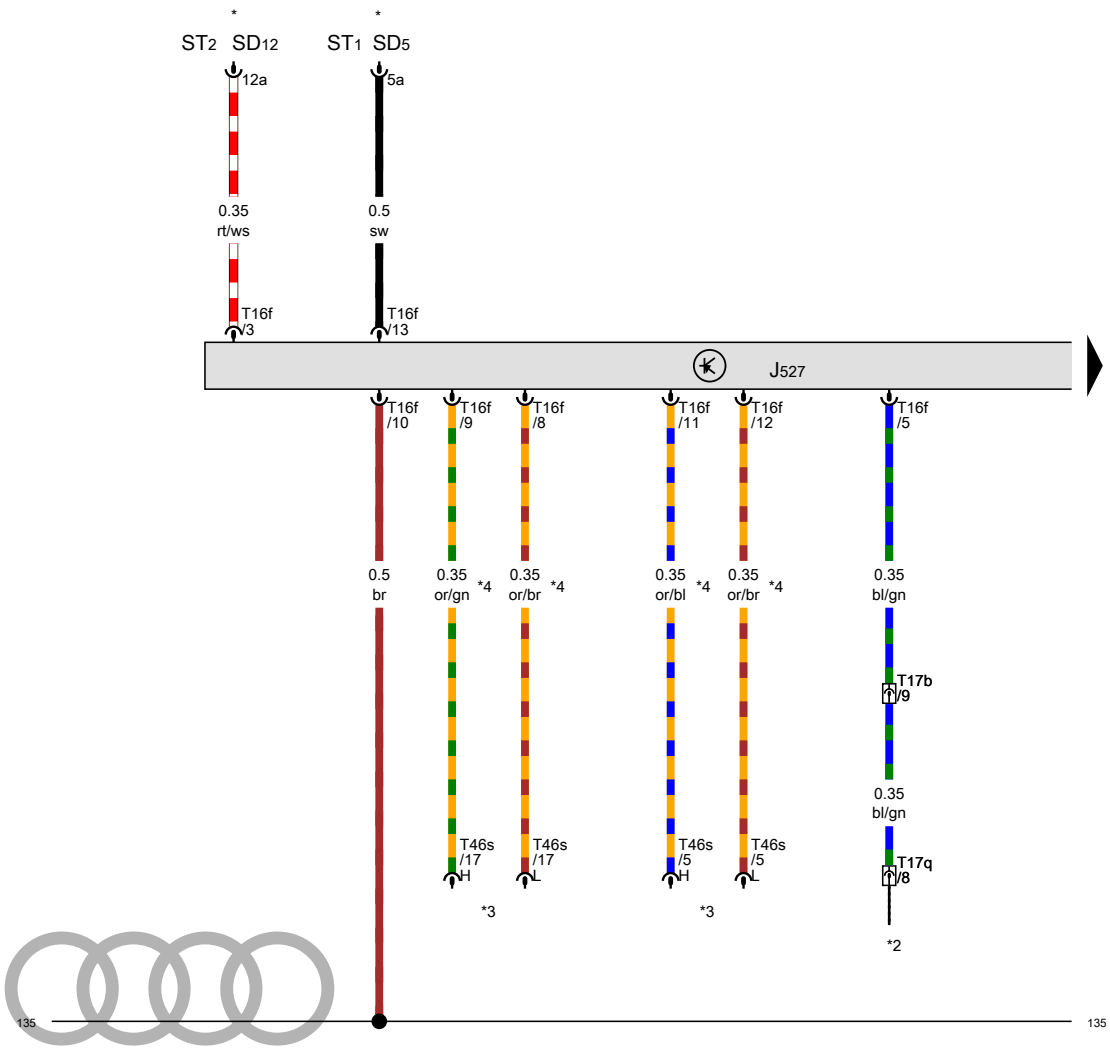
Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert

G	Fuel gauge sender
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T2af	2-pin connector
T5e	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
135	Earth connection 2, in dash panel wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

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Steering column electronics control unit

J527	Steering column electronics control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD12	Fuse 12 on fuse holder D
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Front passenger side push-in bridge, brown
*4	Data bus wire (CAN bus)

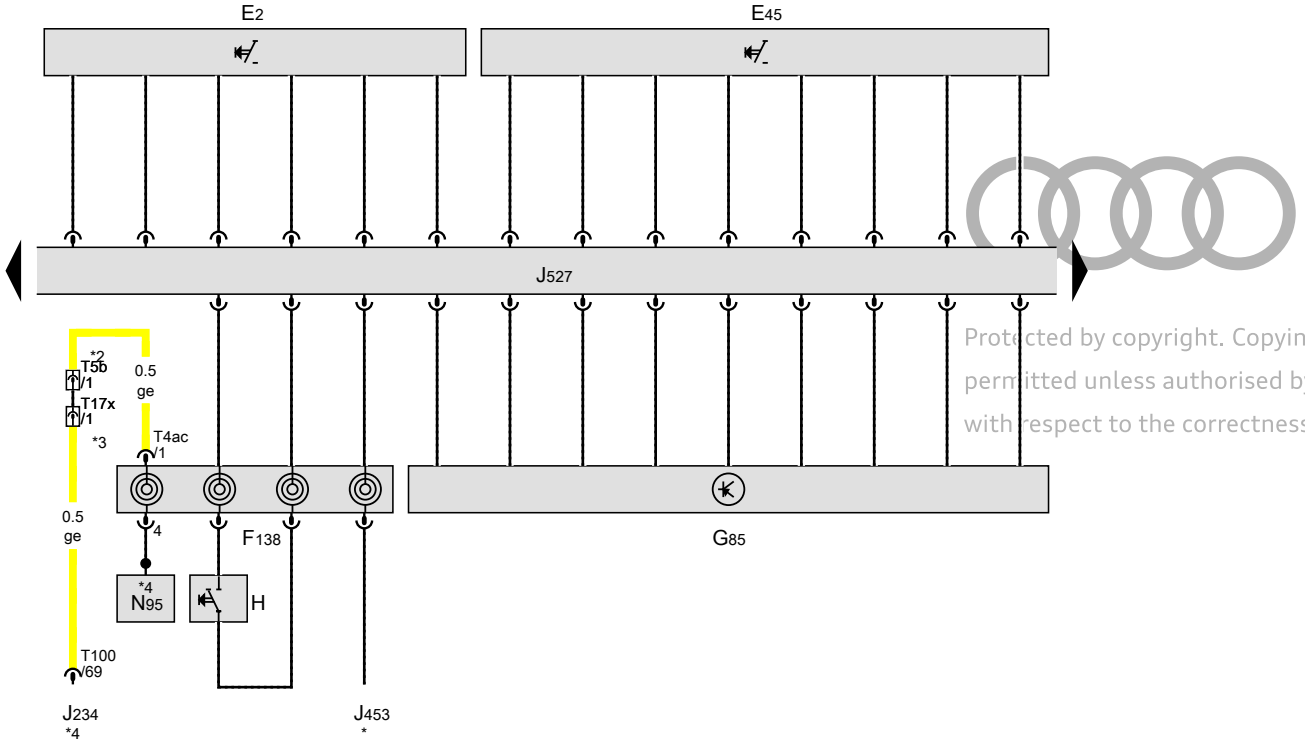
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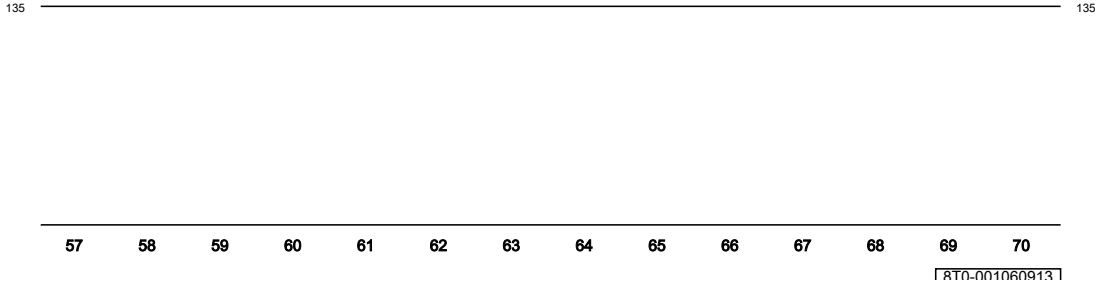
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Turn signal switch, Cruise control system switch, Steering column electronics control unit

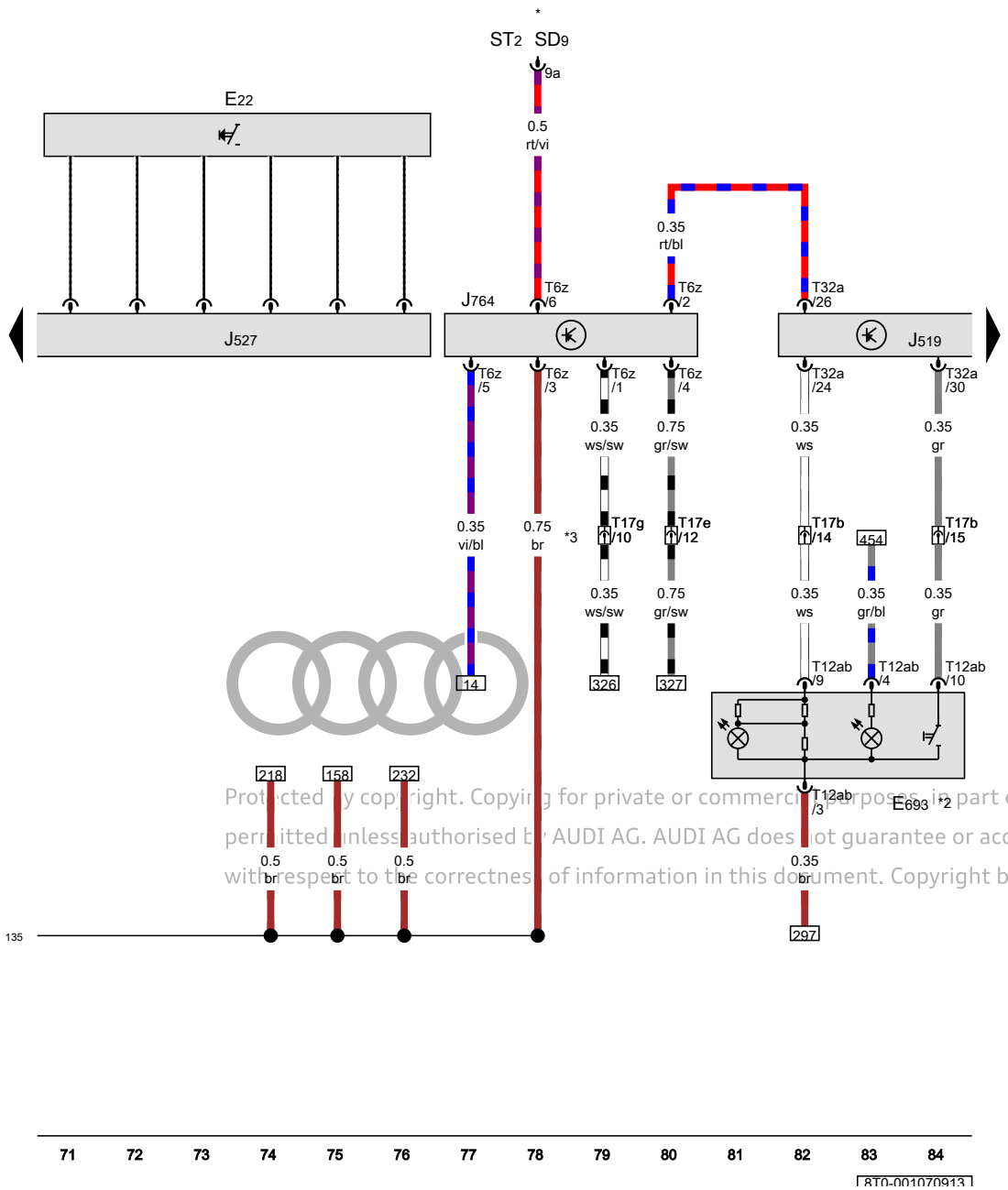


E2	Turn signal switch
E45	Cruise control system switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4ac	4-pin connector
T5b	5-pin connector, yellow
T17x	17-pin connector, yellow
T100	100-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for multifunction steering wheel
*2	Up to April 2009
*3	From May 2009
*4	see applicable current flow diagram for airbag

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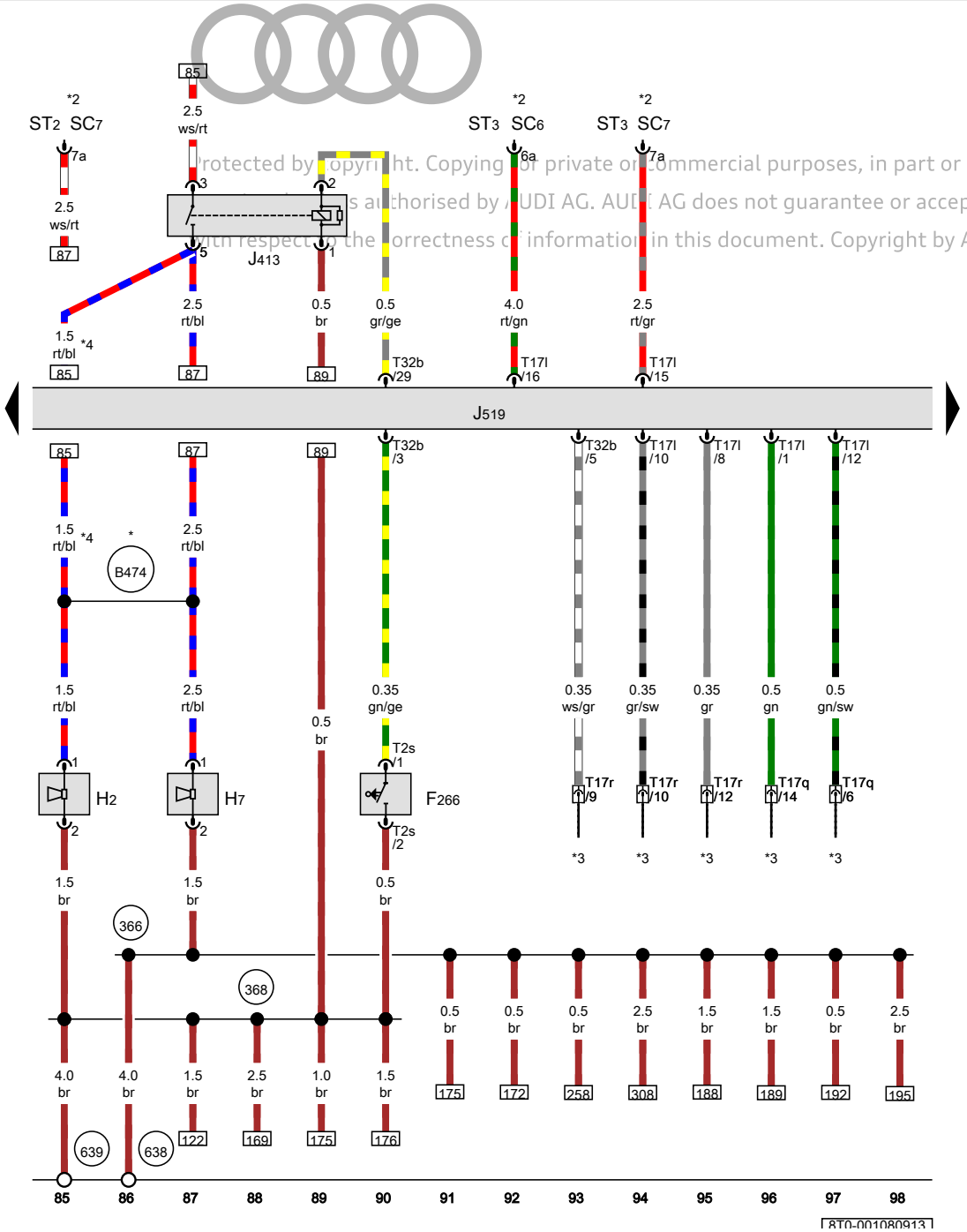
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Intermittent wiper switch, Start/Stop operation button, Onboard supply control unit, Steering column electronics control unit, Control unit for electronic steering column lock

E22	Intermittent wiper switch
E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SD9	Fuse 9 on fuse holder D
T6z	6-pin connector
T12ab	12-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17g	17-pin connector, black
T32a	32-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system
*3	Cross section depends on equipment

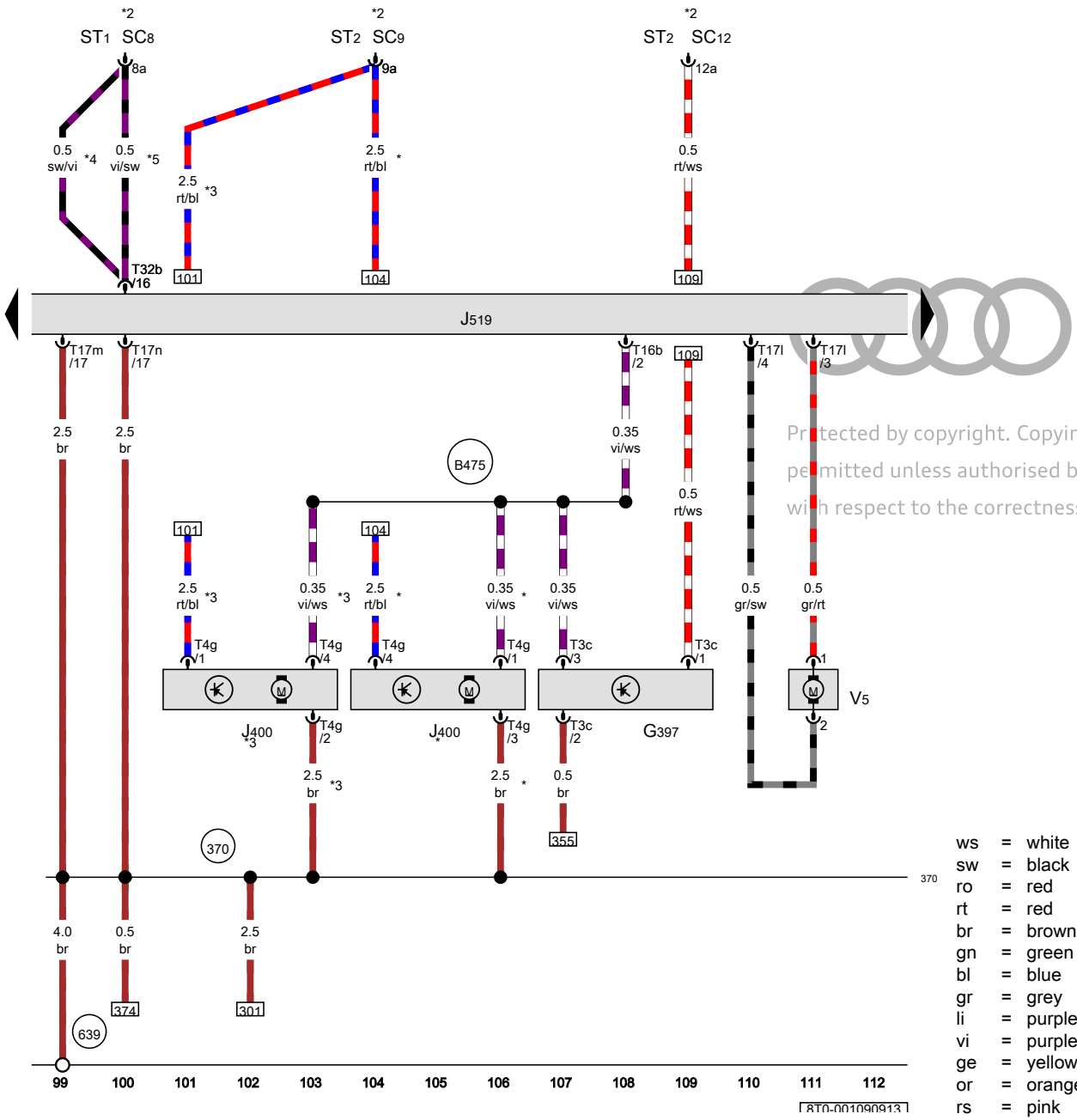
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Bonnet contact switch, Treble horn, Bass horn, Horn relay, Onboard supply control unit

F266	Bonnet contact switch
H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T2s	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
B474	Connection 10, in main wiring harness
*	Gradually discontinued
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for engine
*4	gradual introduction

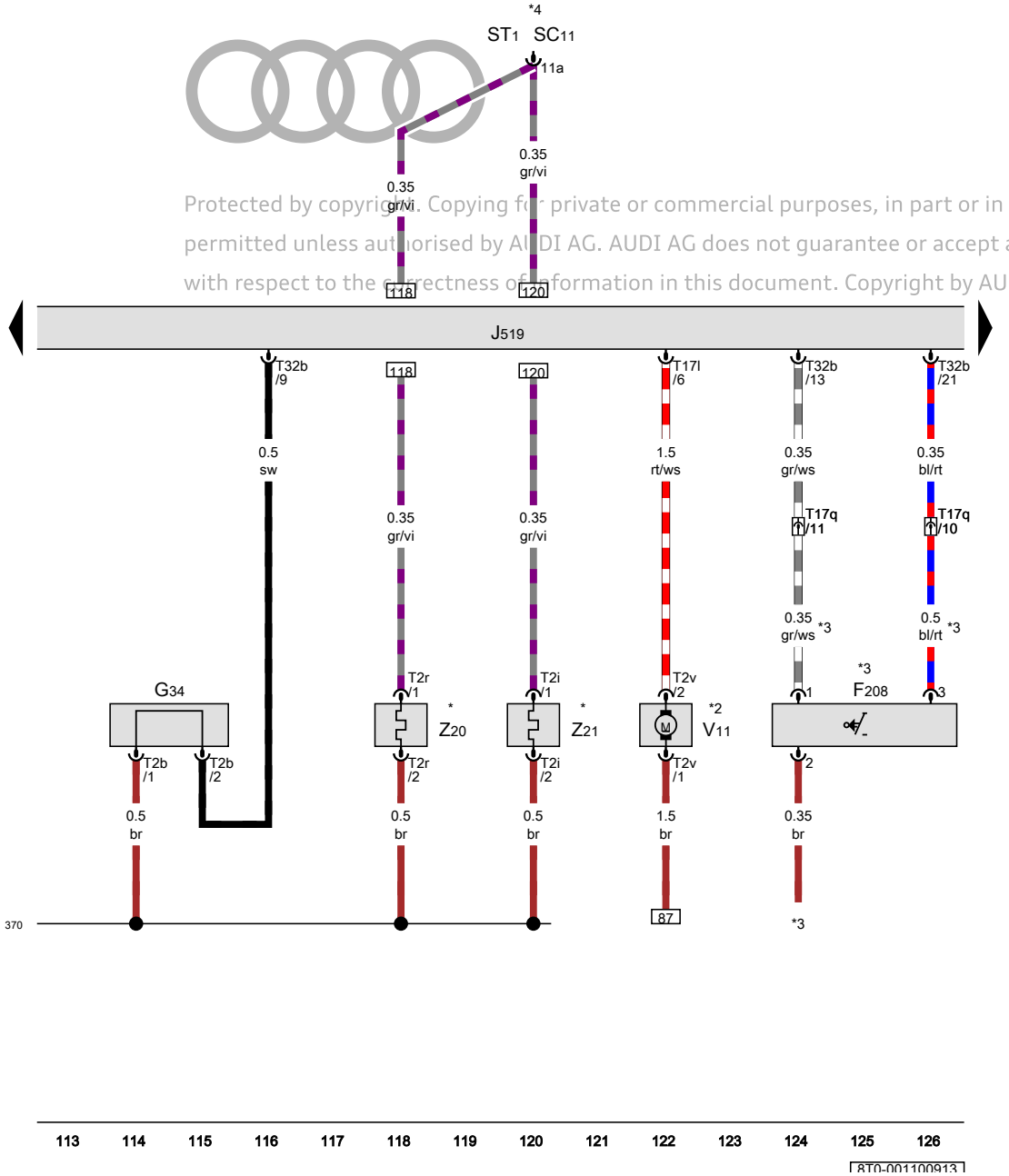


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Rain and light sensor, Wiper motor control unit, Onboard supply control unit

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC12	Fuse 12 on fuse holder C
T3c	3-pin connector
T4g	4-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17m	17-pin connector
T17n	17-pin connector
T32b	32-pin connector
V5	Washer pump
(370)	Earth connection 5, in main wiring harness
(639)	Earth point, left A-pillar
(B475)	Connection 11, in main wiring harness
*	Only right-hand drive models
*2	see applicable current flow diagram for fuse assignment
*3	Left-hand drive models
*4	Up to April 2009
*5	From May 2009

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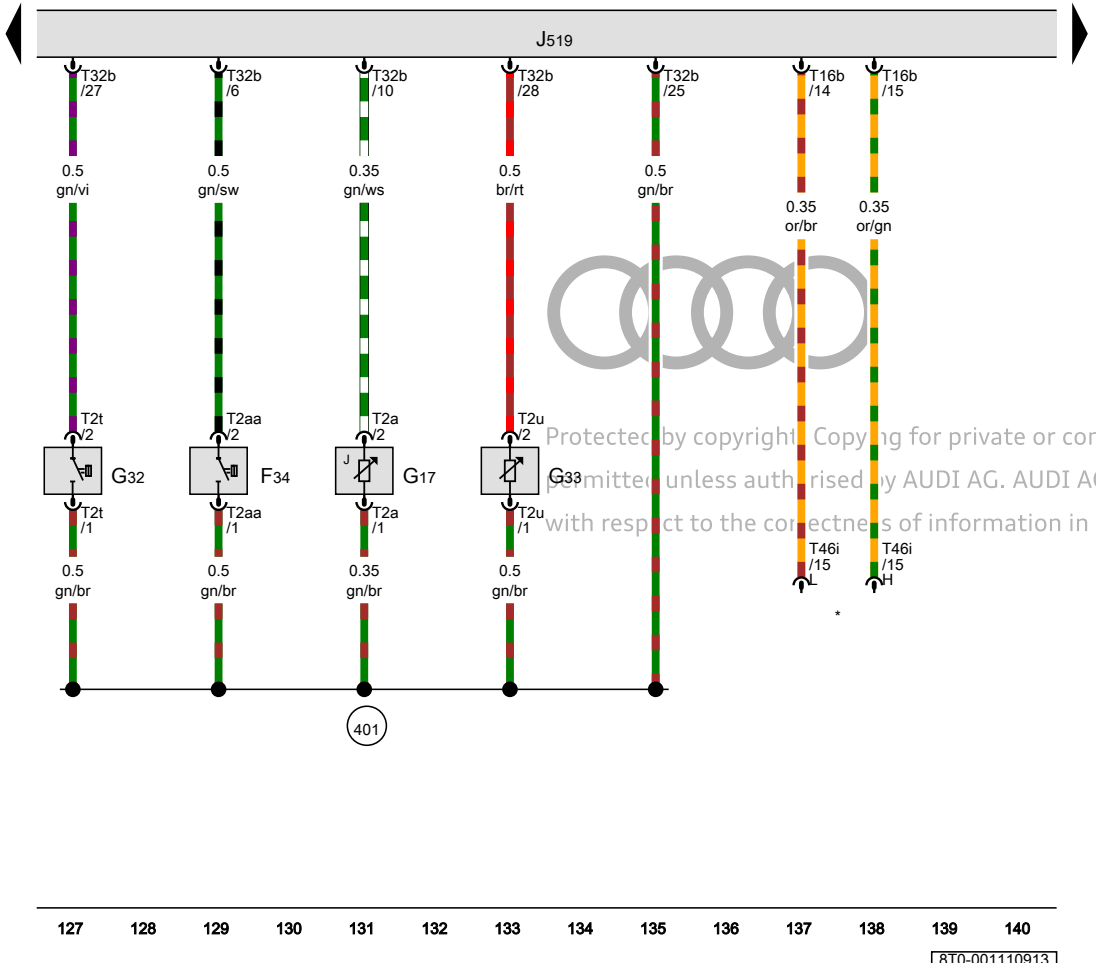
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Gear detector switch, Front left brake pad wear sender, Onboard supply control unit, Headlight washer system pump, Left washer jet heater element, Right washer jet heater element

F208	Gear detector switch
G34	Front left brake pad wear sender
J519	Onboard supply control unit
ST1	Fuse carrier 1
SC11	Fuse 11 on fuse holder C
T2b	2-pin connector
T2i	2-pin connector
T2r	2-pin connector
T2v	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T32b	32-pin connector
V11	Headlight washer system pump
Z20	Left washer jet heater element
Z21	Right washer jet heater element
370	Earth connection 5, in main wiring harness
*	Only models with heater elements for washer jets
*2	Only models with headlight washer system
*3	see applicable current flow diagram for engine
*4	see applicable current flow diagram for fuse assignment

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

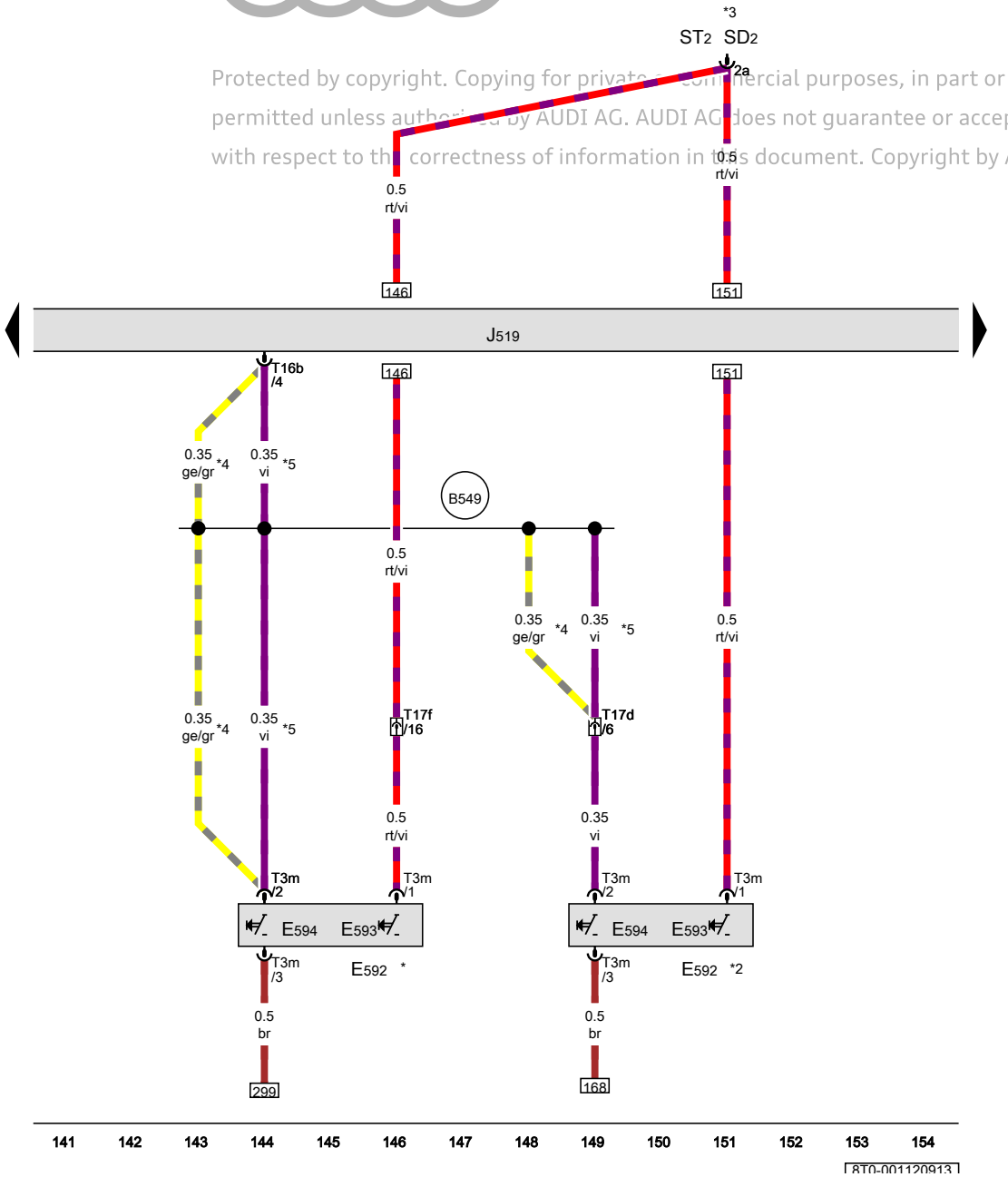
F34	Brake fluid level warning contact
G17	Ambient temperature sensor
G32	Coolant shortage indicator sender
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2a	2-pin connector
T2aa	2-pin connector
T2t	2-pin connector
T2u	2-pin connector
T16b	16-pin connector
T32b	32-pin connector
T46i	46-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Driver side push-in bridge, brown



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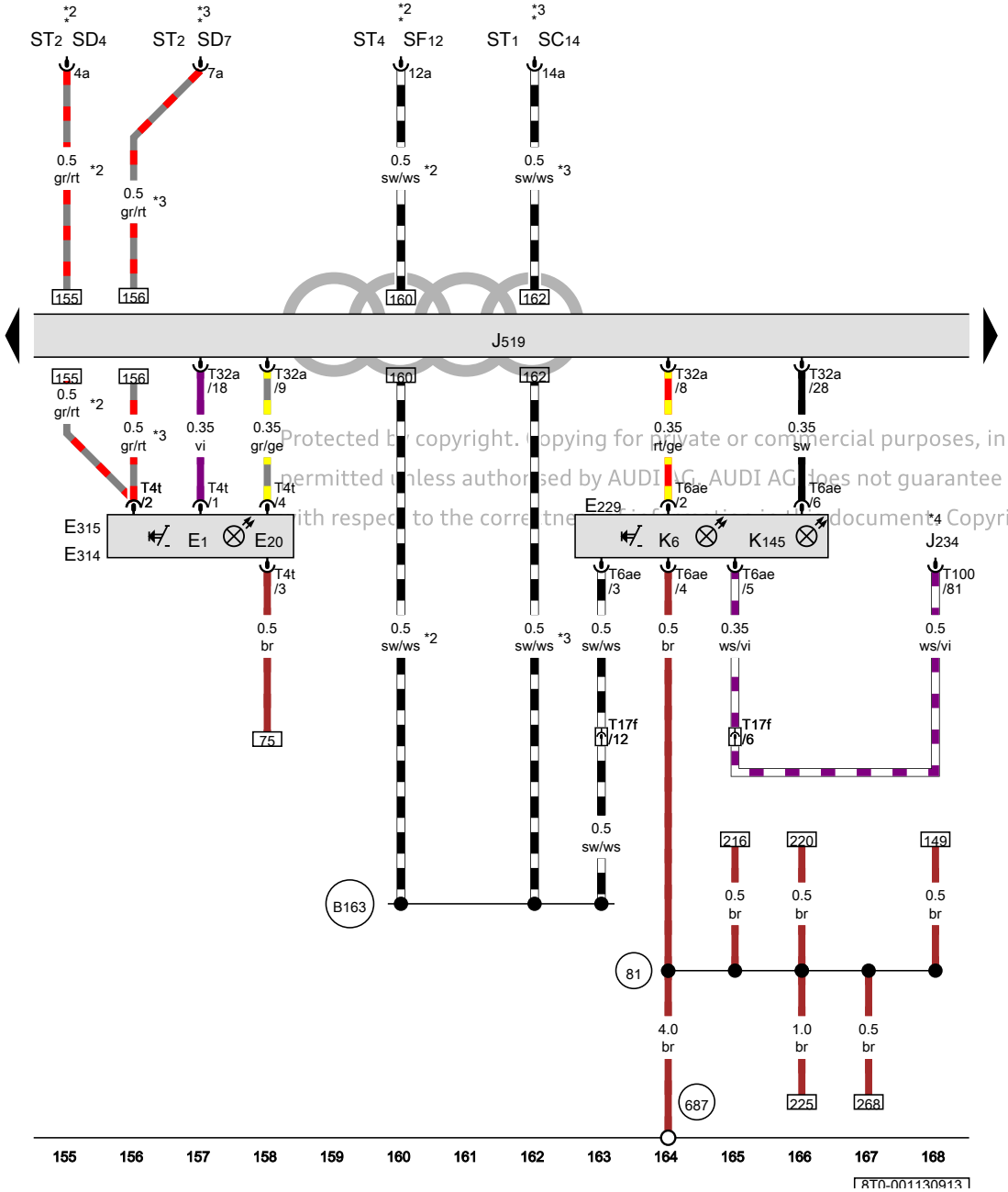
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Switch module for driving mode selection, Onboard supply control unit

E592	Switch module for driving mode selection
E593	Button 1 in switch module for driving mode selection
E594	Button 2 in switch module for driving mode selection
J519	Onboard supply control unit
SD2	Fuse 2 on fuse holder D
ST2	Fuse carrier 2
T3m	3-pin connector
T16b	16-pin connector
T17d	17-pin connector, brown
T17f	17-pin connector, brown
B549	Connection 2 (LIN bus) in main wiring harness
*	Only models with no navigation system
*2	Only models with navigation system
*3	see applicable current flow diagram for fuse assignment
*4	gradual introduction
*5	Gradually discontinued

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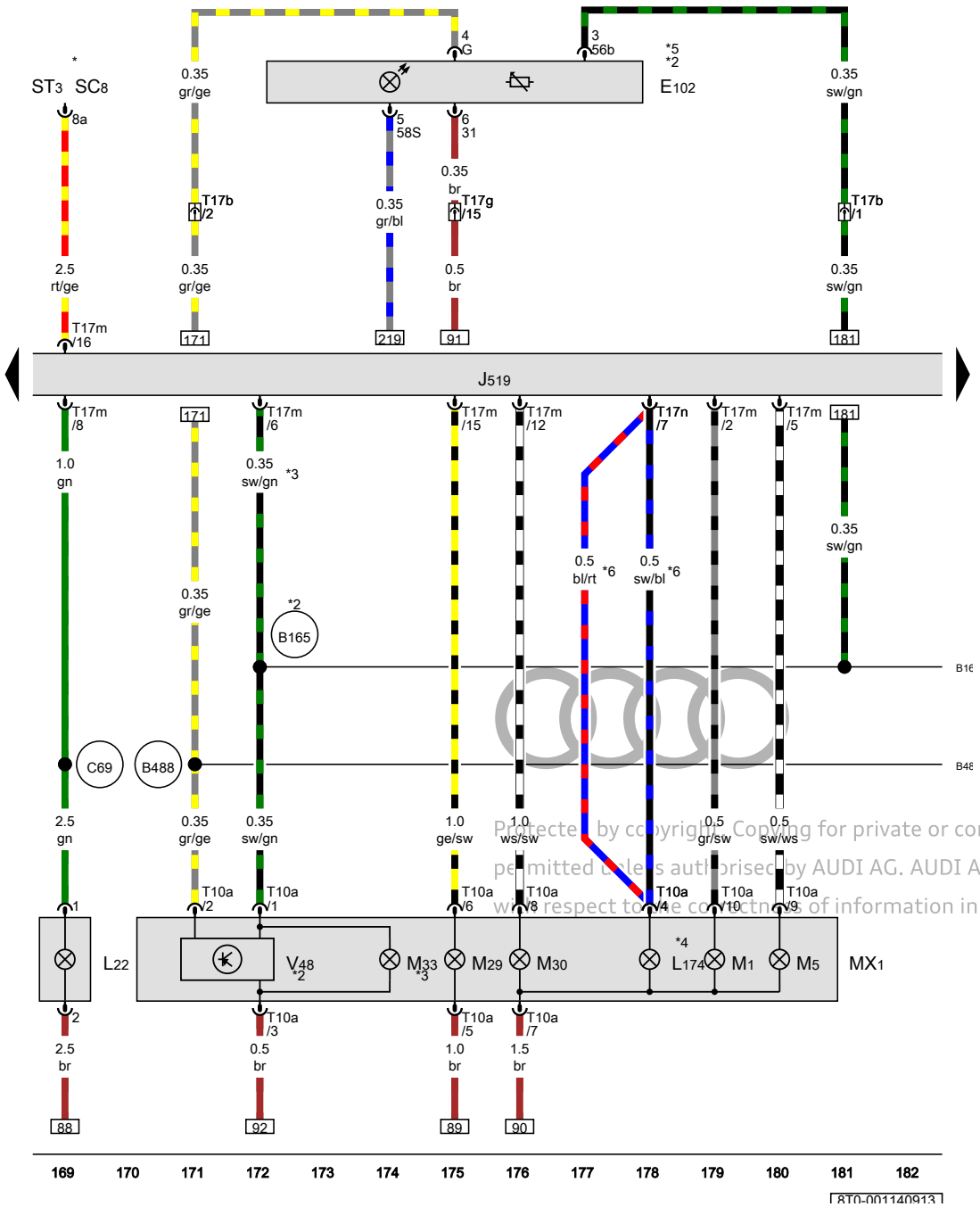


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Light switch, Hazard warning lights button, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E229	Hazard warning lights button
E314	Rear fog light button
E315	Fog light button
J234	Airbag control unit
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K145	Front passenger side airbag deactivated warning lamp
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
ST4	Fuse carrier 4
SD7	Fuse 7 on fuse holder D
SF12	Fuse 12 in fuse holder F
SC14	Fuse 14 on fuse holder C
T4t	4-pin connector
T6ae	6-pin connector
T17f	17-pin connector, brown
T32a	32-pin connector
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B163	Positive connection 1 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to April 2009
*3	From May 2009
*4	see applicable current flow diagram for airbag

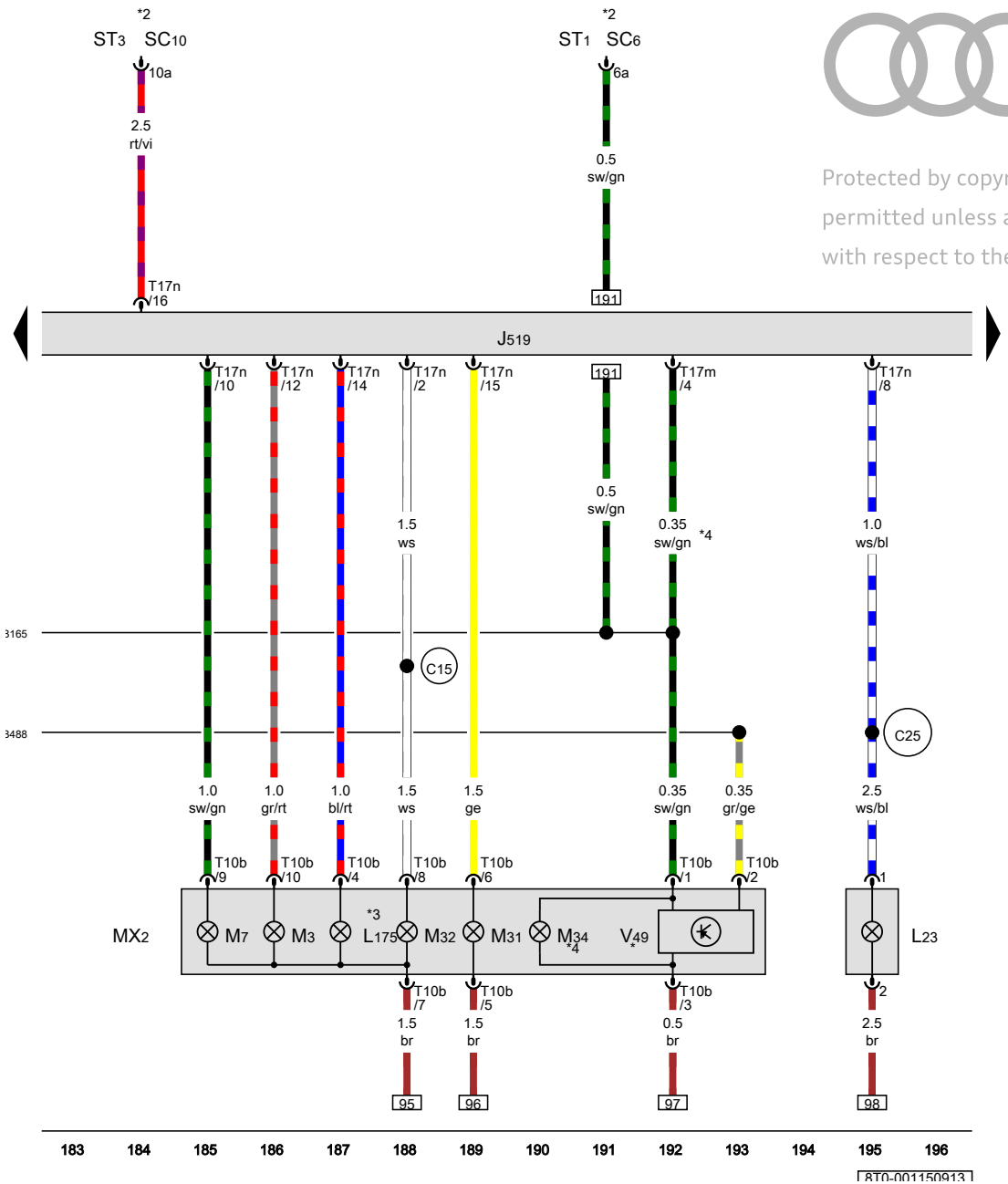


Onboard supply control unit, Front left headlight

E102	Headlight range control regulator
J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
M33	Front left side marker bulb
ST3	Fuse carrier 3
SC8	Fuse 8 on fuse holder C
T10a	10-pin connector
T17b	17-pin connector, blue
T17g	17-pin connector, black
T17m	17-pin connector
T17n	17-pin connector
V48	Left headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness
B488	Connection 24, in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no US equipment
*3	Only models with US equipment
*4	Only models with daytime running lights
*5	Only models with mechanical headlight range control
*6	According to equipment

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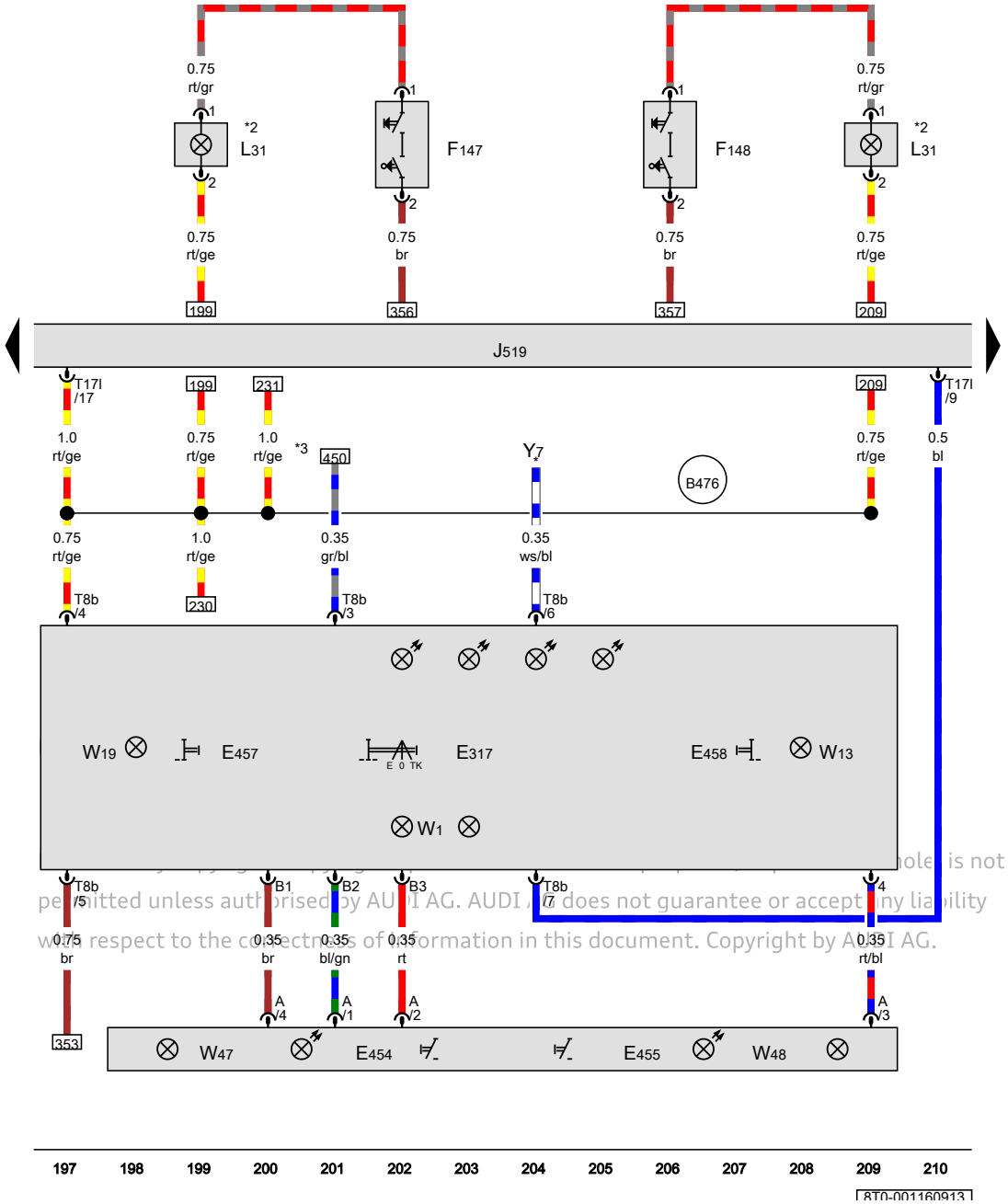


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Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
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
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC6	Fuse 6 on fuse holder C
SC10	Fuse 10 on fuse holder C
T10b	10-pin connector
T17m	17-pin connector
T17n	17-pin connector
V49	Right headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness
B488	Connection 24, in main wiring harness
C15	Connection 1, in headlight wiring harness
C25	Connection (fog light), in front lighting wiring harness
*	Only models with no US equipment
*2	see applicable current flow diagram for fuse assignment
*3	Only models with daytime running lights
*4	Only models with US equipment

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Rear left reading light button, Onboard supply control unit, Vanity mirror light bulb, Front interior light, Rear right interior light

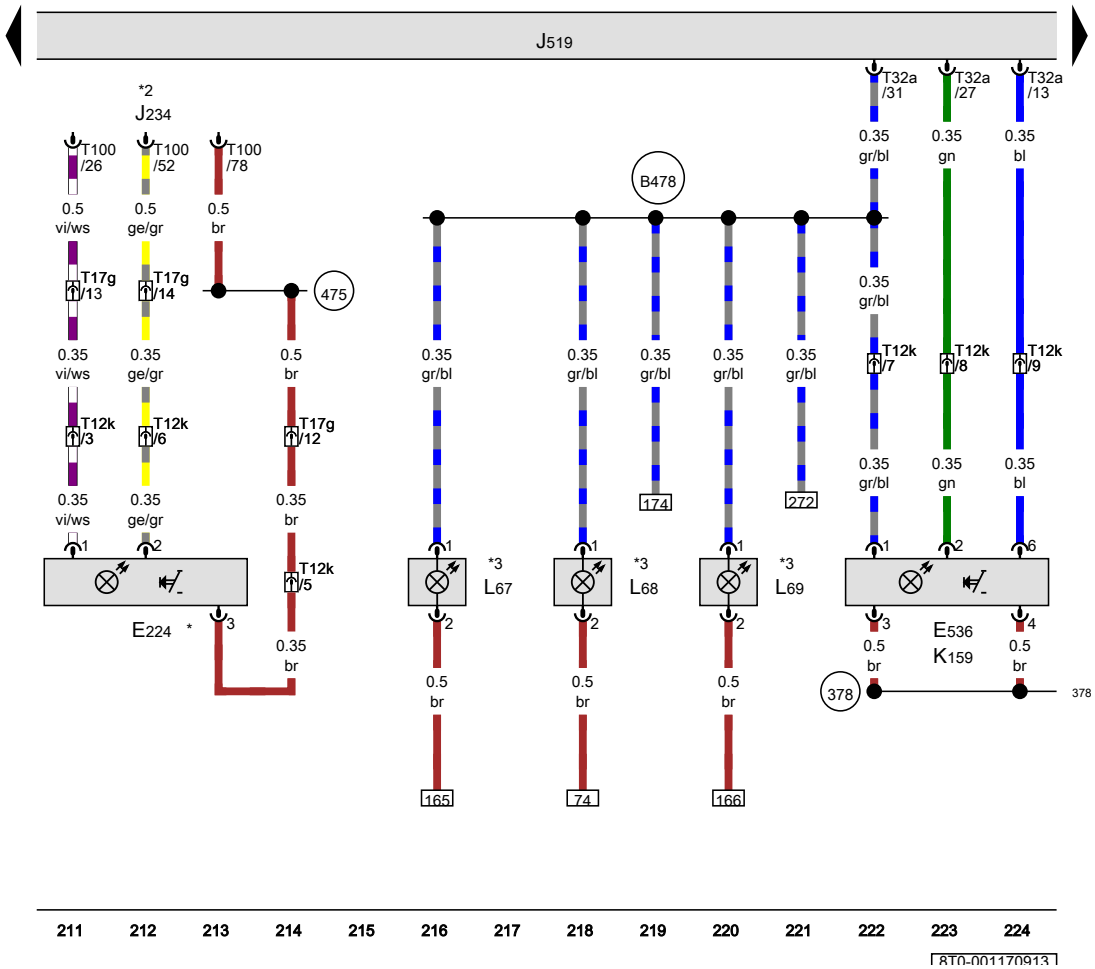
E317	Interior light switch
E454	Rear left reading light button
E455	Rear right reading light button
E457	Driver side reading light button
E458	Front passenger side reading light button
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
L31	Vanity mirror light bulb
T8b	8-pin connector
T17l	17-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
Y7	Automatic anti-dazzle interior mirror
B476	Connection 12, in main wiring harness
*	see applicable current flow diagram
*2	According to equipment
*3	gradual introduction

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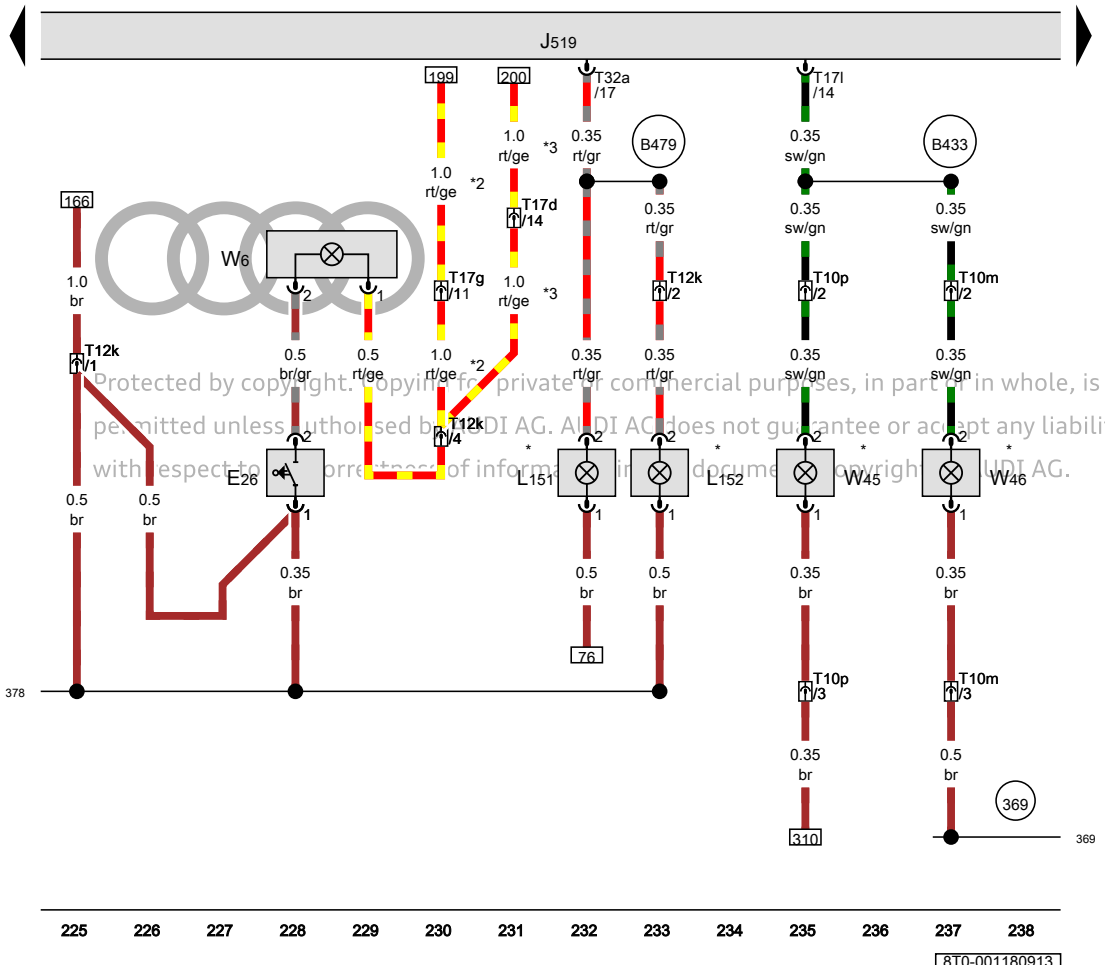
Key operated switch to deactivate front passenger side airbag, Valet parking button, Onboard supply control unit, Valet parking warning lamp

E224	Key operated switch to deactivate front passenger side airbag
E536	Valet parking button
J234	Airbag control unit
J519	Onboard supply control unit
K159	Valet parking warning lamp
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
T12k	12-pin connector, near glove compartment
T17g	17-pin connector, black
T32a	32-pin connector
T100	100-pin connector
378	Earth connection 13, in main wiring harness
475	Earth connection (airbag), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	see applicable current flow diagram for airbag
*3	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

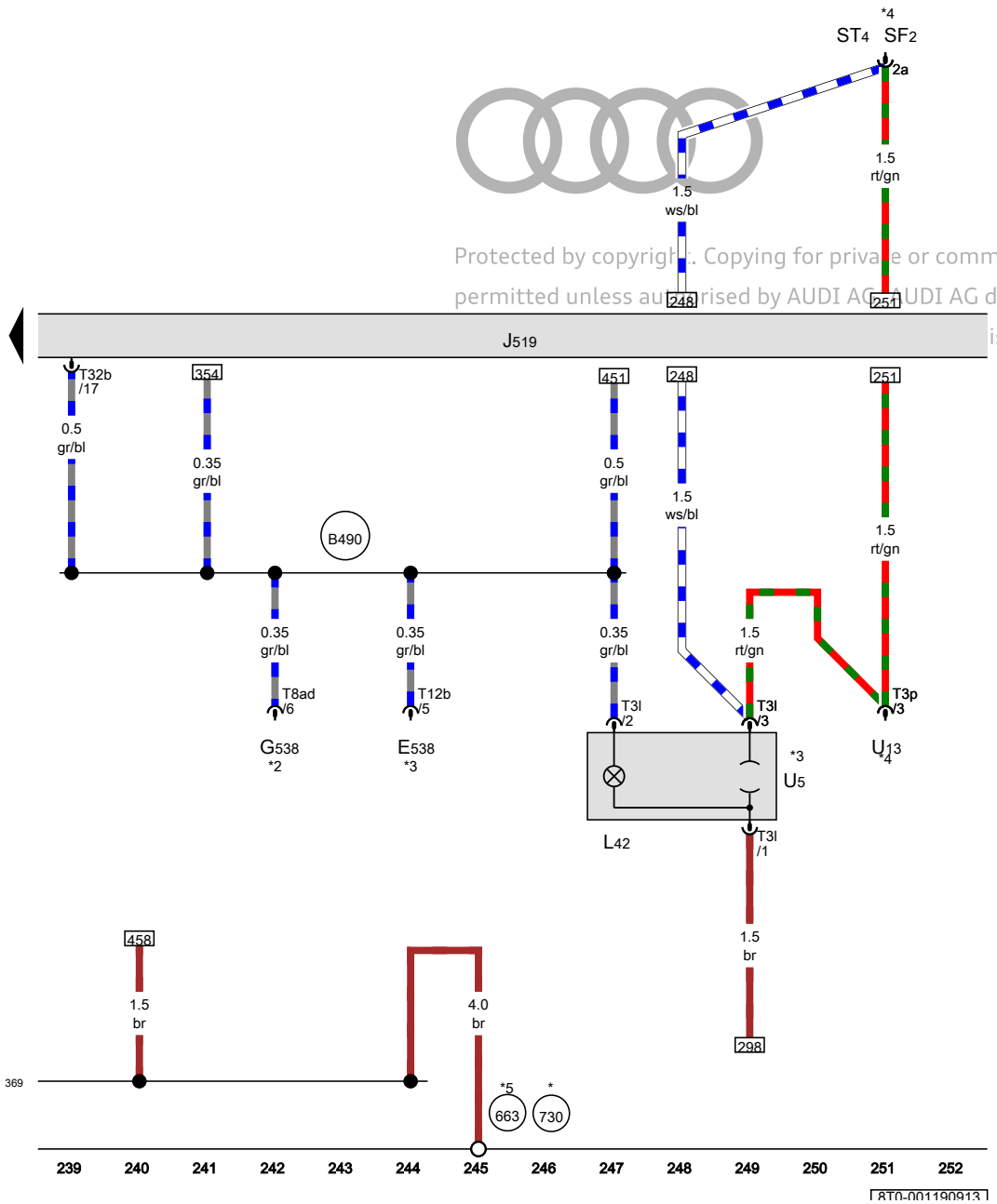
Glove compartment light switch, Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Glove compartment light



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E26	Glove compartment light switch
J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
T10m	10-pin connector, red
T10p	10-pin connector, red
T12k	12-pin connector, near glove compartment
T17d	17-pin connector, brown
T17g	17-pin connector, black
T17l	17-pin connector
T32a	32-pin connector
W6	Glove compartment light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
378	Earth connection 13, in main wiring harness
B433	Connection (footwell light), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment
*2	Gradually discontinued
*3	gradual introduction

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

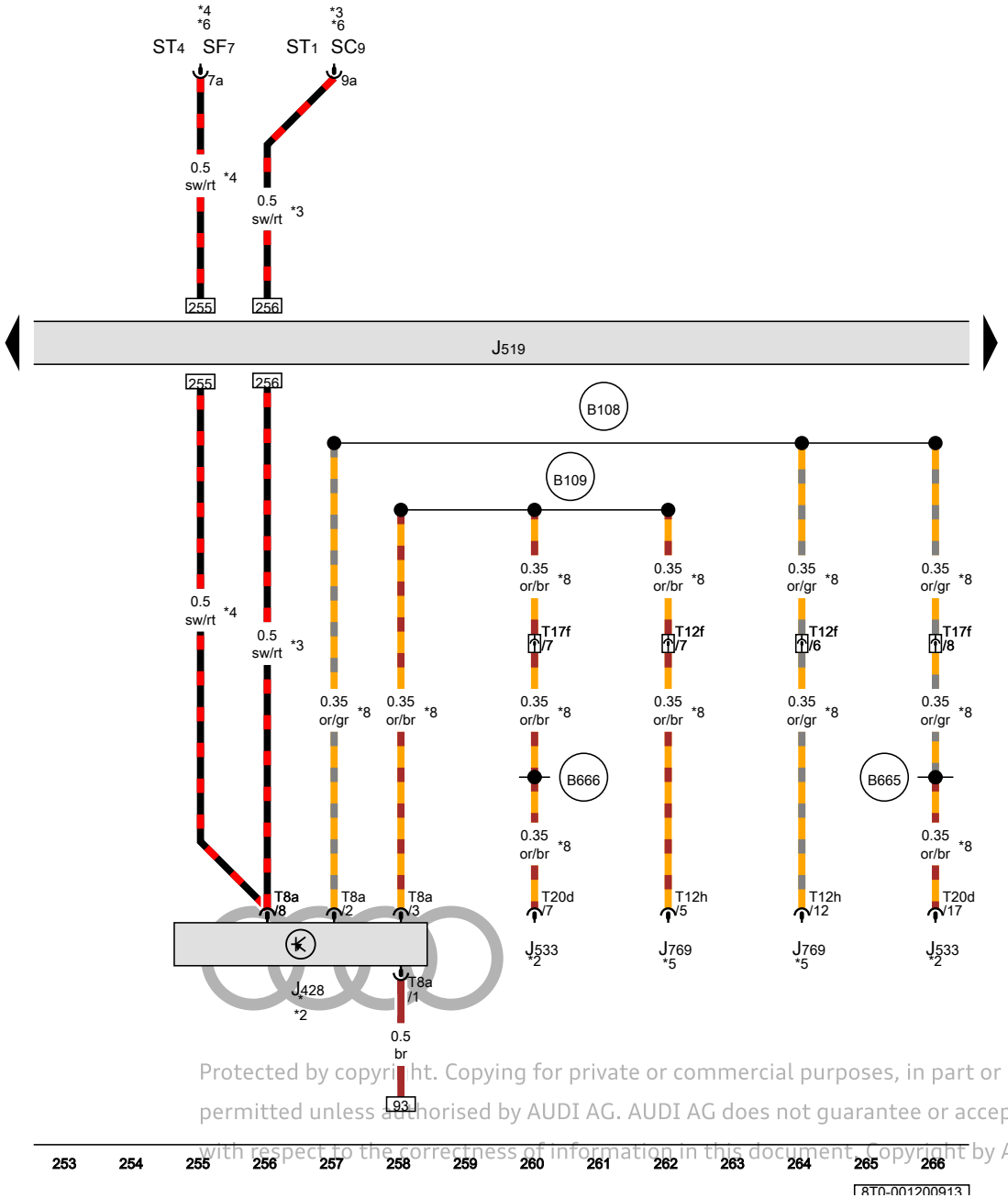


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Onboard supply control unit, 12 V socket

E538	Electromechanical parking brake button
G538	Potentiometer for rear temperature selection
J519	Onboard supply control unit
L42	Socket illumination bulb
SF2	Fuse 2 in fuse holder F
ST4	Fuse carrier 4
T3l	3-pin connector
T3p	3-pin connector
T8ad	8-pin connector
T12b	12-pin connector
T32b	32-pin connector
U5	12 V socket, in front centre console
U13	DC/AC converter with socket, 12 V - 230 V
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
B490	Connection 26, in main wiring harness
*	Only models with 5-doors
*2	see applicable current flow diagram for air conditioning
*3	According to equipment
*4	see applicable current flow diagram for fuse assignment
*5	Only models with 2-doors

ws	=	white
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br	=	brown
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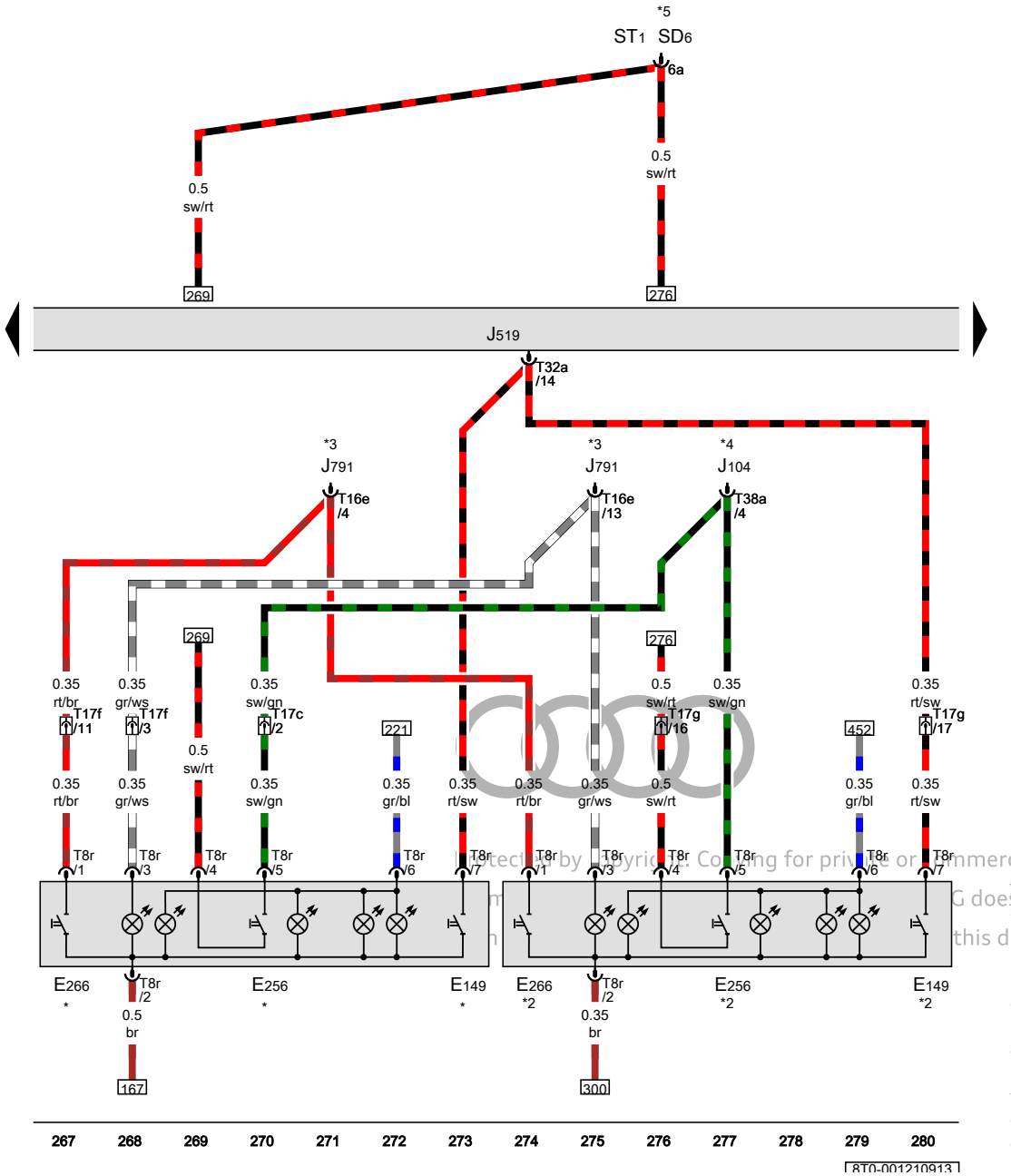
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Adaptive cruise control unit, Onboard supply control unit

J428	Adaptive cruise control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST1	Fuse carrier 1
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
SC9	Fuse 9 on fuse holder C
T8a	8-pin connector
T12f	12-pin connector
T12h	12-pin connector
T17f	17-pin connector, brown
T20d	20-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	Only models with lane departure warning assist
*2	see applicable current flow diagram
*3	From May 2009
*4	Up to April 2009
*5	see applicable current flow diagram for lane change assist
*6	see applicable current flow diagram for fuse assignment
*7	Gradually discontinued
*8	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

Rear roller blind switch, TCS and ESP button, Parking aid button, Onboard supply control unit

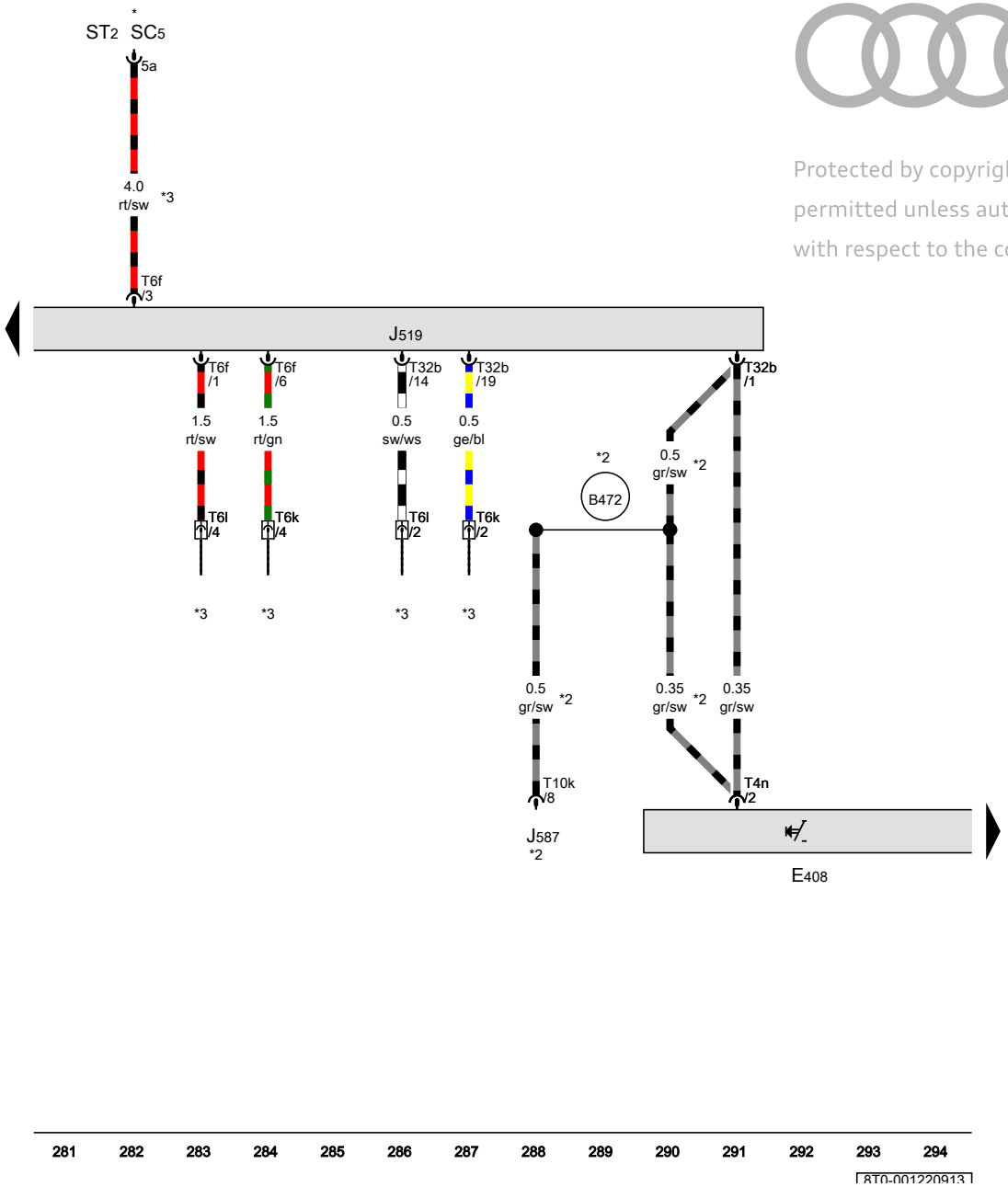


E149	Rear roller blind switch
E256	TCS and ESP button
E266	Parking aid button
J104	ABS control unit
J519	Onboard supply control unit
J791	Park assist steering control unit
ST1	Fuse carrier 1
SD6	Fuse 6 on fuse holder D
T8r	8-pin connector
T16e	16-pin connector
T17c	17-pin connector, black
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32a	32-pin connector
T38a	38-pin connector
*	Only models with navigation system
*2	Only models with no navigation system
*3	Only models with parking aid (PDC)
*4	see applicable current flow diagram for ABS
*5	see applicable current flow diagram for fuse assignment

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

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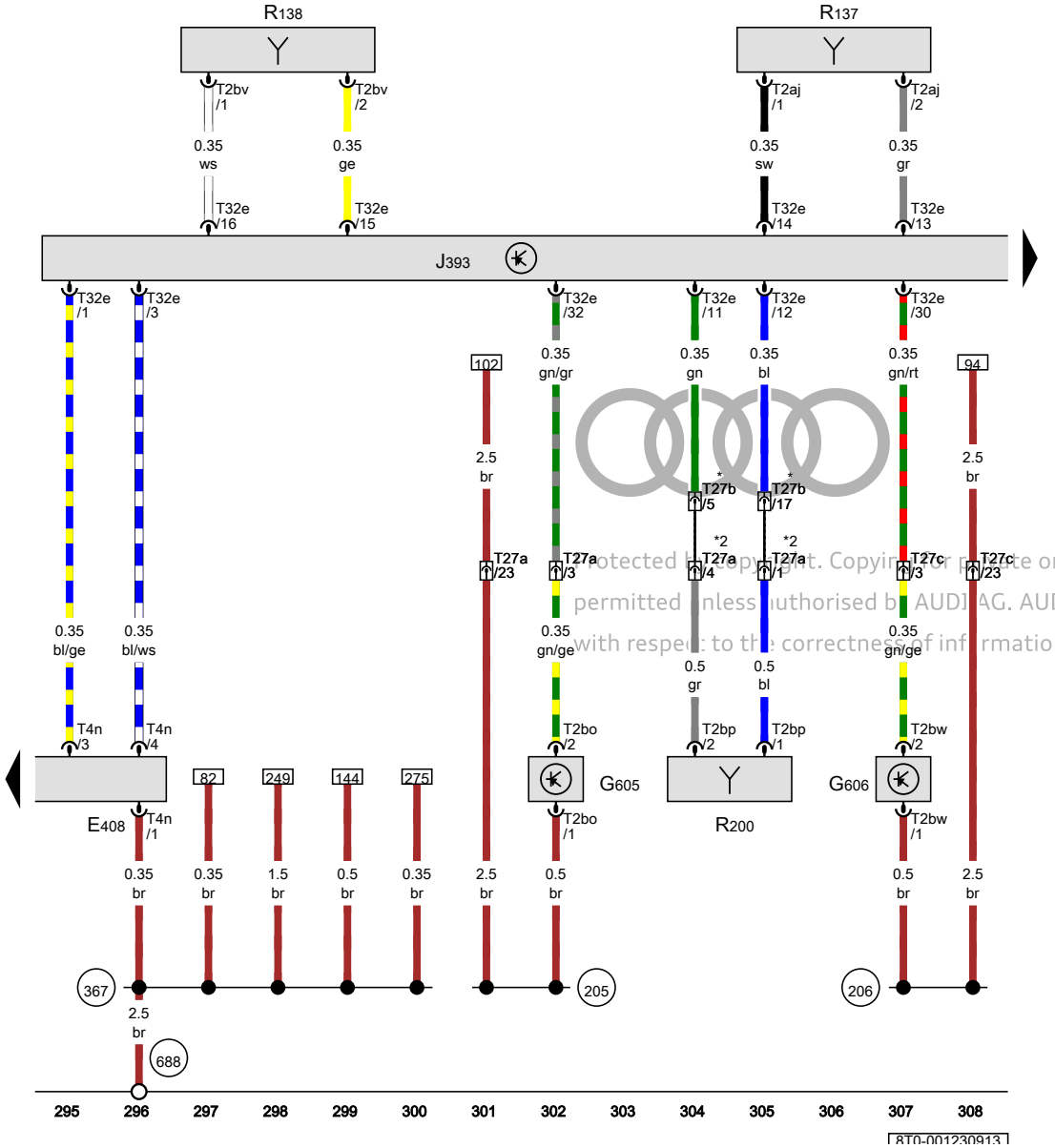
Entry and start authorisation button, Onboard supply control unit



E408	Entry and start authorisation button
J519	Onboard supply control unit
J587	Selector lever sensors control unit
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T4n	4-pin connector
T6f	6-pin connector
T6k	6-pin connector, green
T6l	6-pin connector, green
T10k	10-pin connector
T32b	32-pin connector
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for seat heating

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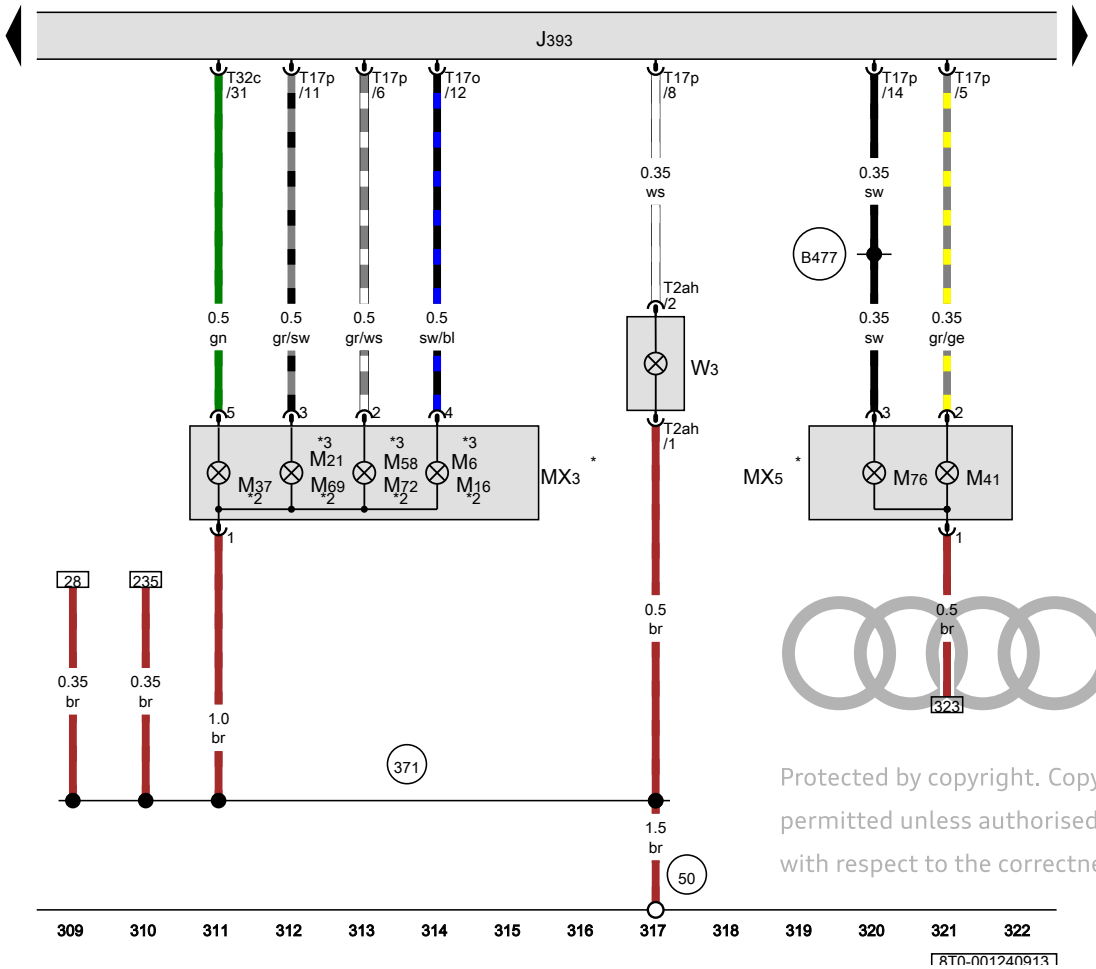
Entry and start authorisation button, Contact sensor for front left exterior door handle, Contact sensor for front right exterior door handle, Convenience system central control unit, Left aerial for entry and start authorisation

E408	Entry and start authorisation button
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
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
T2aj	2-pin connector
T2bo	2-pin connector
T2bp	2-pin connector
T2bv	2-pin connector
T2bw	2-pin connector
T4n	4-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32e	32-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with 5-doors
*2	Only models with 2-doors

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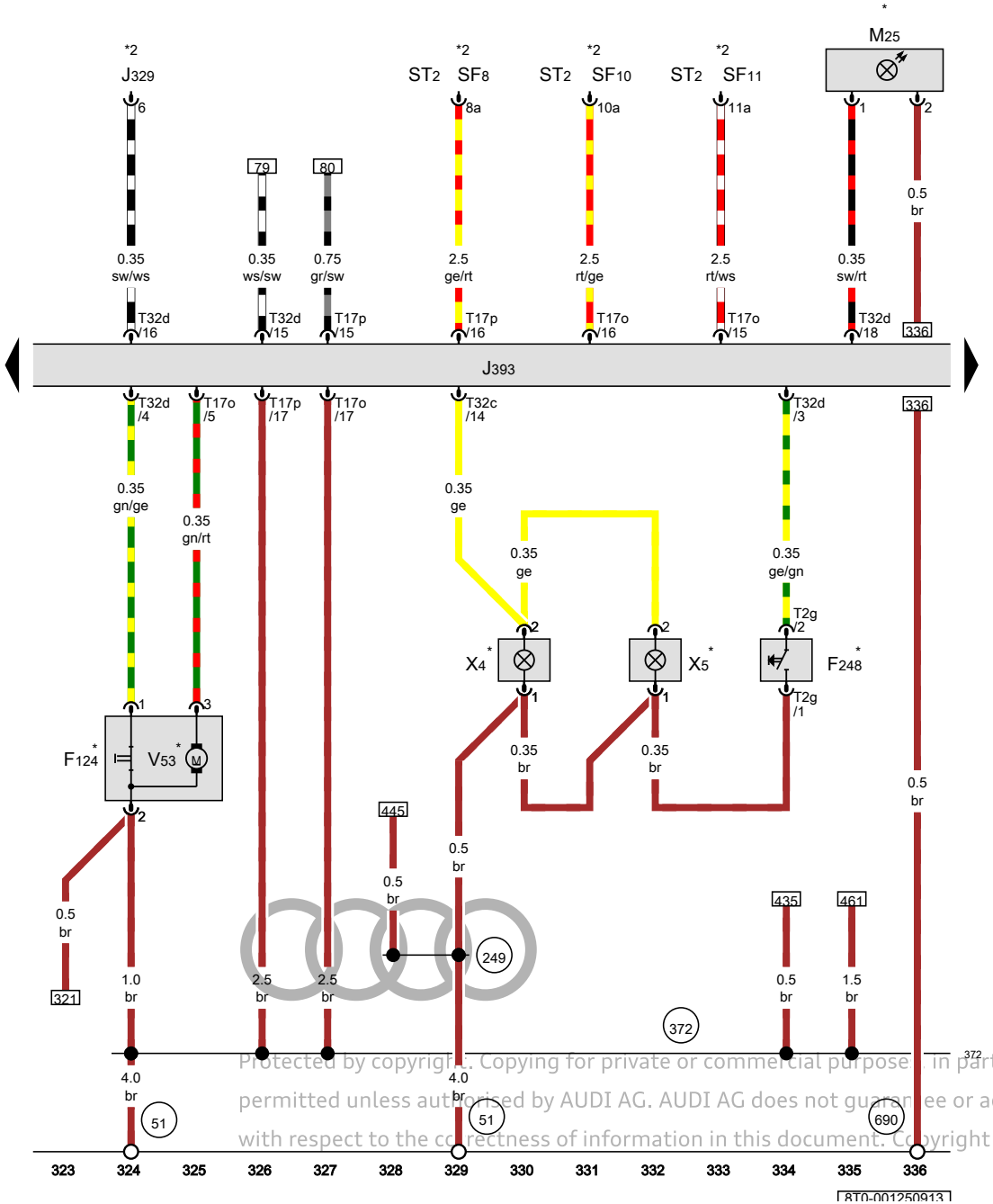
Convenience system central control unit, Left tail light, Left tail light 2, Luggage compartment light

J393	Convenience system central control unit
MX3	Left tail light
MX5	Left tail light 2
M6	Rear left turn signal bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M76	Left reversing light bulb 2
T2ah	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
W3	Luggage compartment light
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with 2-doors
*2	Only models with US equipment
*3	Only models with no US equipment



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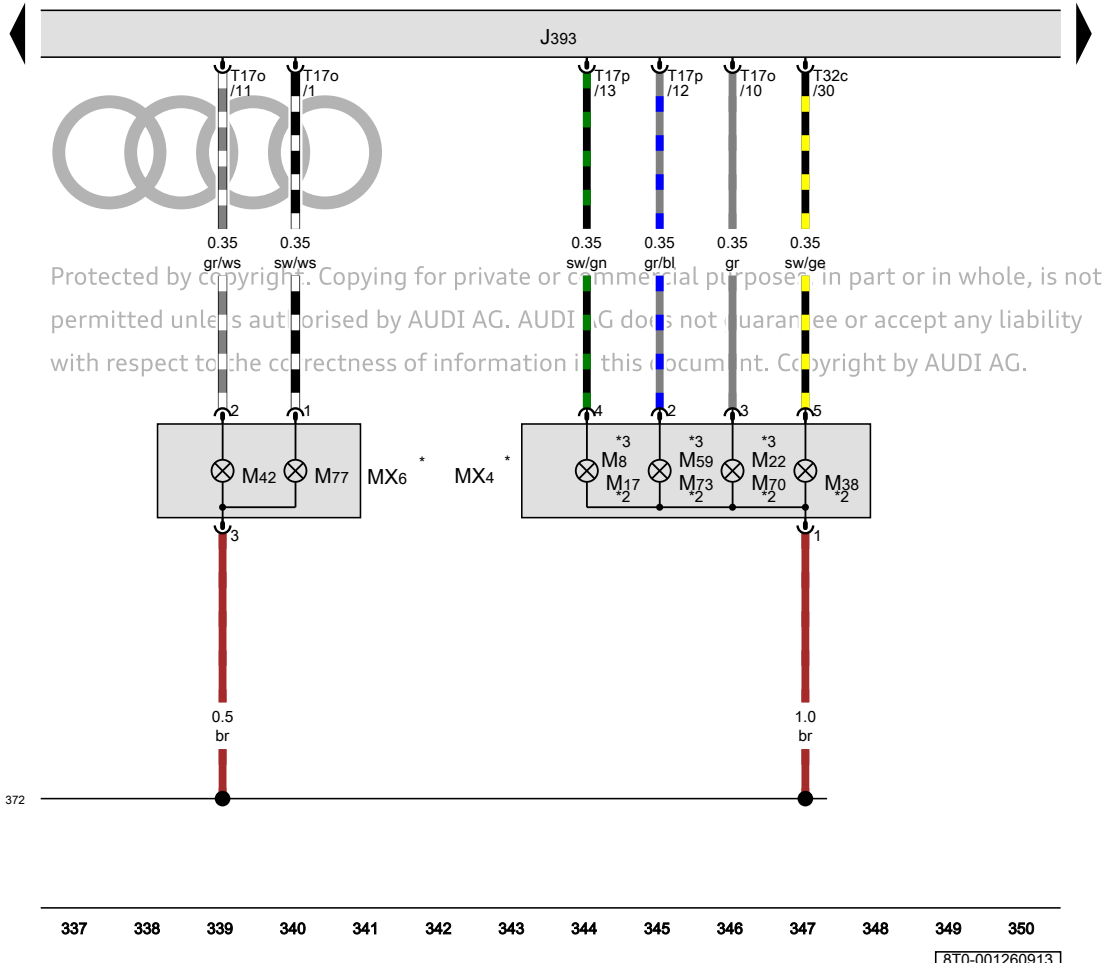
Convenience system central control unit, Rear lid central locking motor

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
J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
M25	Additional brake light bulb
ST2	Fuse carrier 2
SF8	Fuse 8 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
T2g	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	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
249	Earth connection 2, in interior wiring harness
372	Earth connection 7, in main wiring harness
690	Earth point, rear centre roof frame
*	Only models with 2-doors
*2	see applicable current flow diagram for fuse assignment

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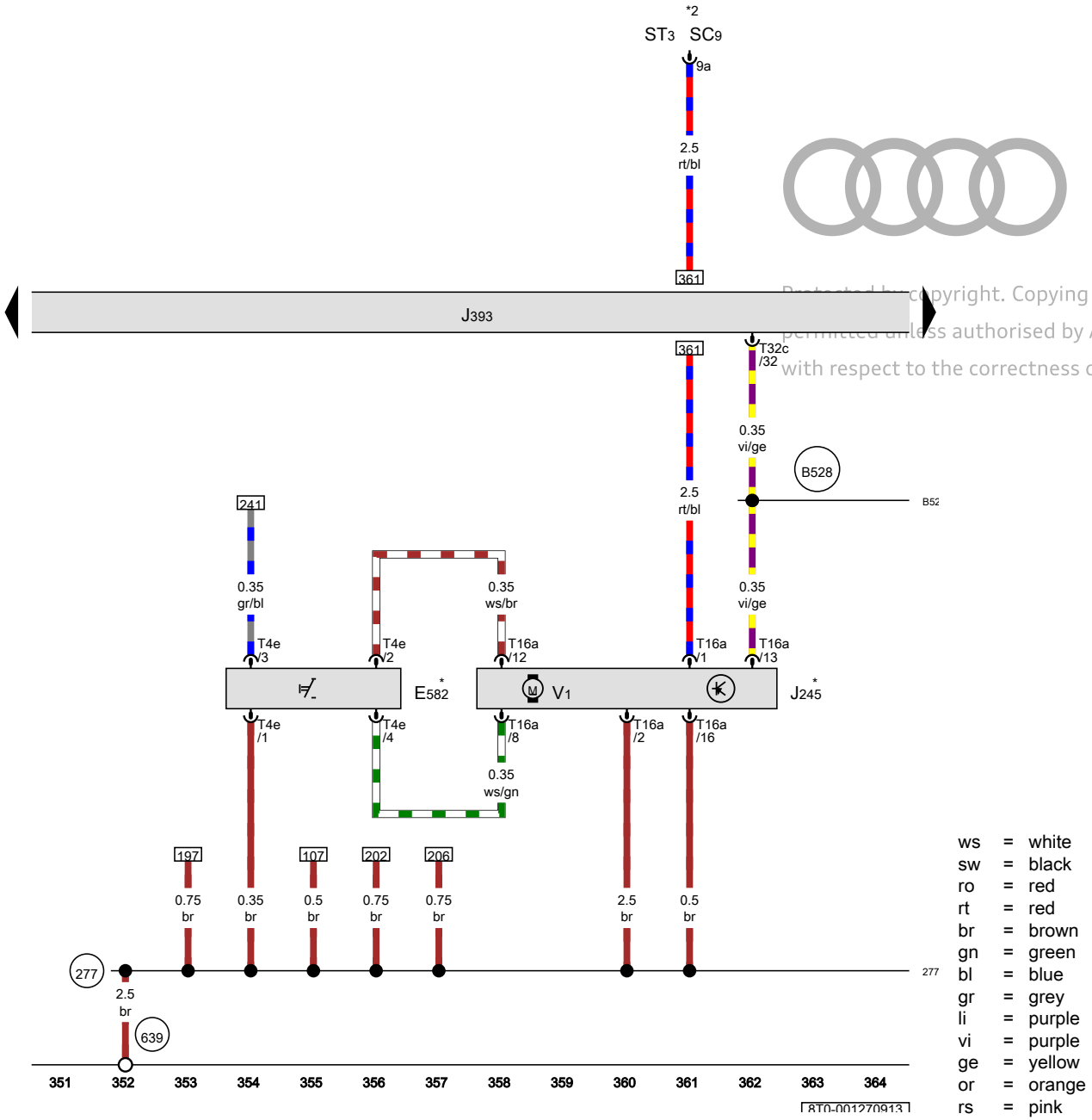
Convenience system central control unit, Right tail light, Right tail light 2

J393	Convenience system central control unit
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M77	Right reversing light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
372	Earth connection 7, in main wiring harness
*	Only models with 2-doors
*2	Only models with US equipment
*3	Only models with no US equipment



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li	=	purple
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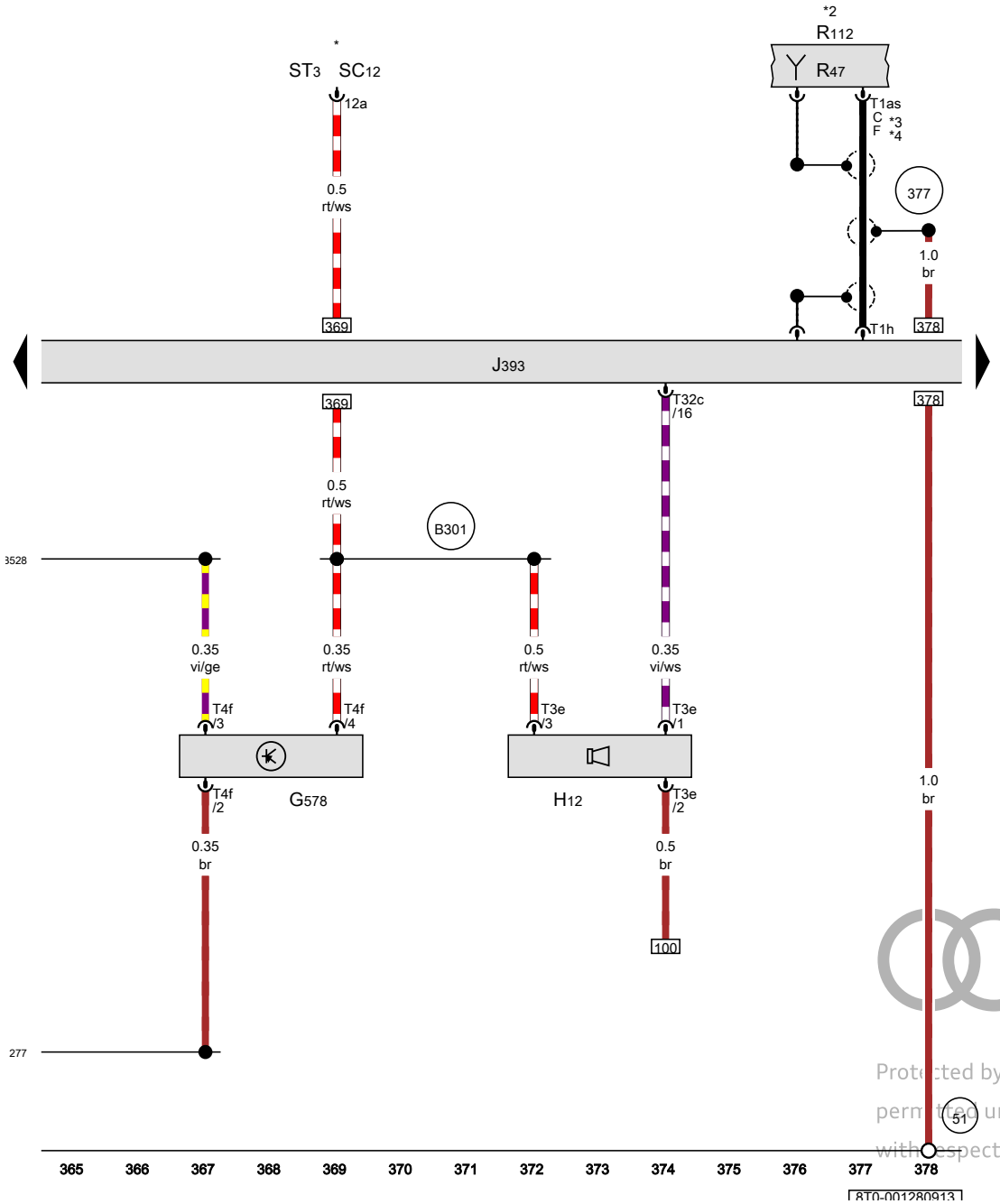


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Button 1 for tilting roof, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

E582	Button 1 for tilting roof
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
ST3	Fuse carrier 3
SC9	Fuse 9 on fuse holder C
T4e	4-pin connector
T16a	16-pin connector
T32c	32-pin connector
V1	Sliding sunroof motor
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B528	Connection 1 (LIN bus) in main wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram for fuse assignment

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

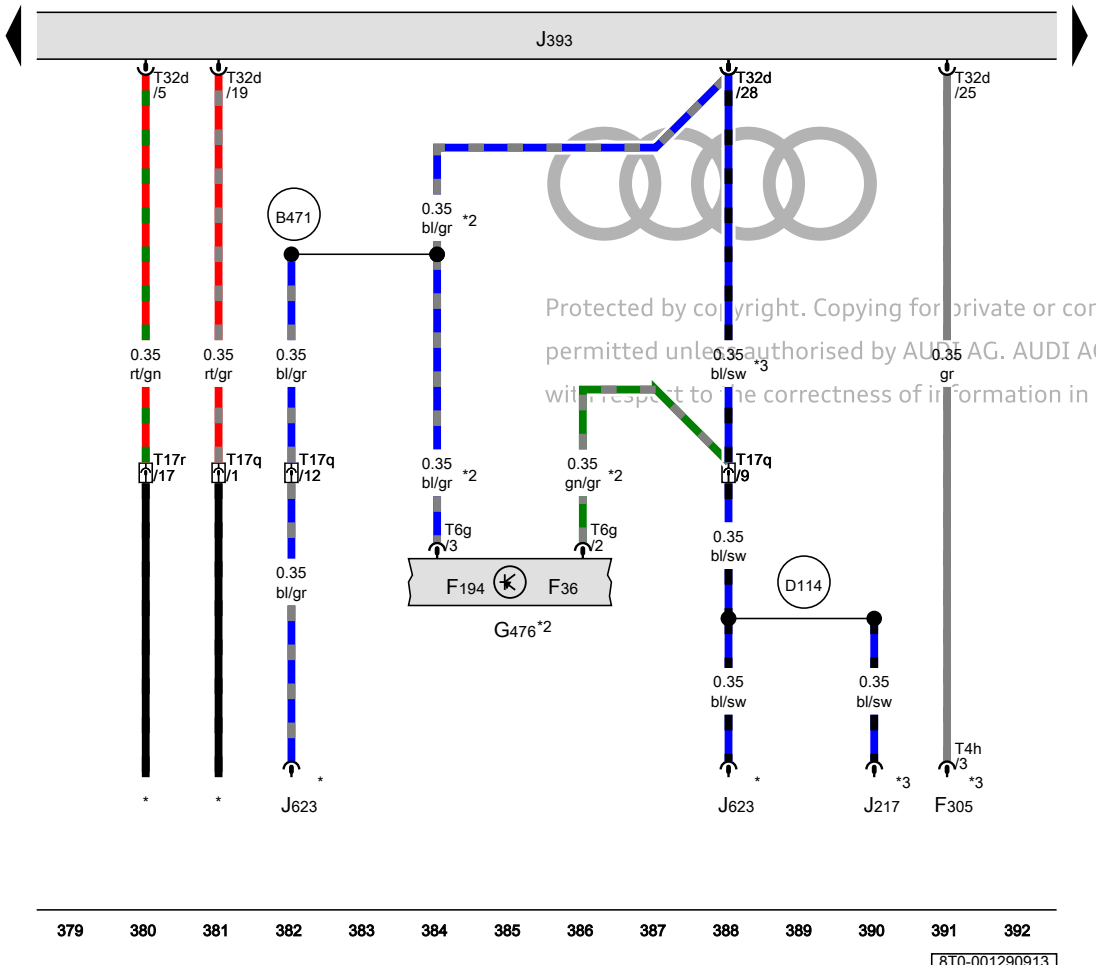
G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R112	Aerial amplifier 3
ST3	Fuse carrier 3
SC12	Fuse 12 on fuse holder C
T1as	Single connector
T1h	Single connector
T3e	3-pin connector
T4f	4-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
277	Earth connection 3, in interior wiring harness
377	Earth connection 12, in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	According to equipment
*4	see applicable current flow diagram for MMI (information electronics)

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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Clutch pedal switch, Convenience system central control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
F305	Gear selector position P switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
T4h	4-pin connector
T6g	6-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox

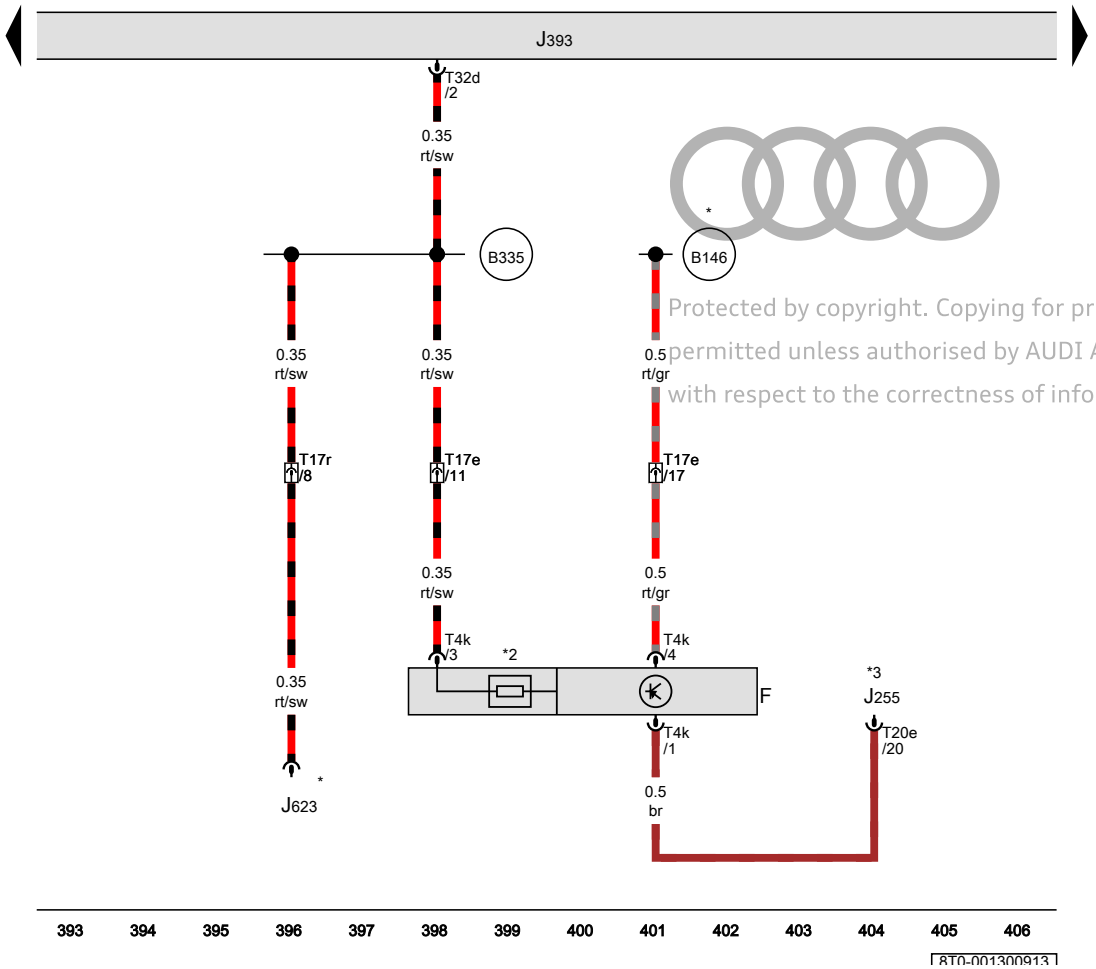


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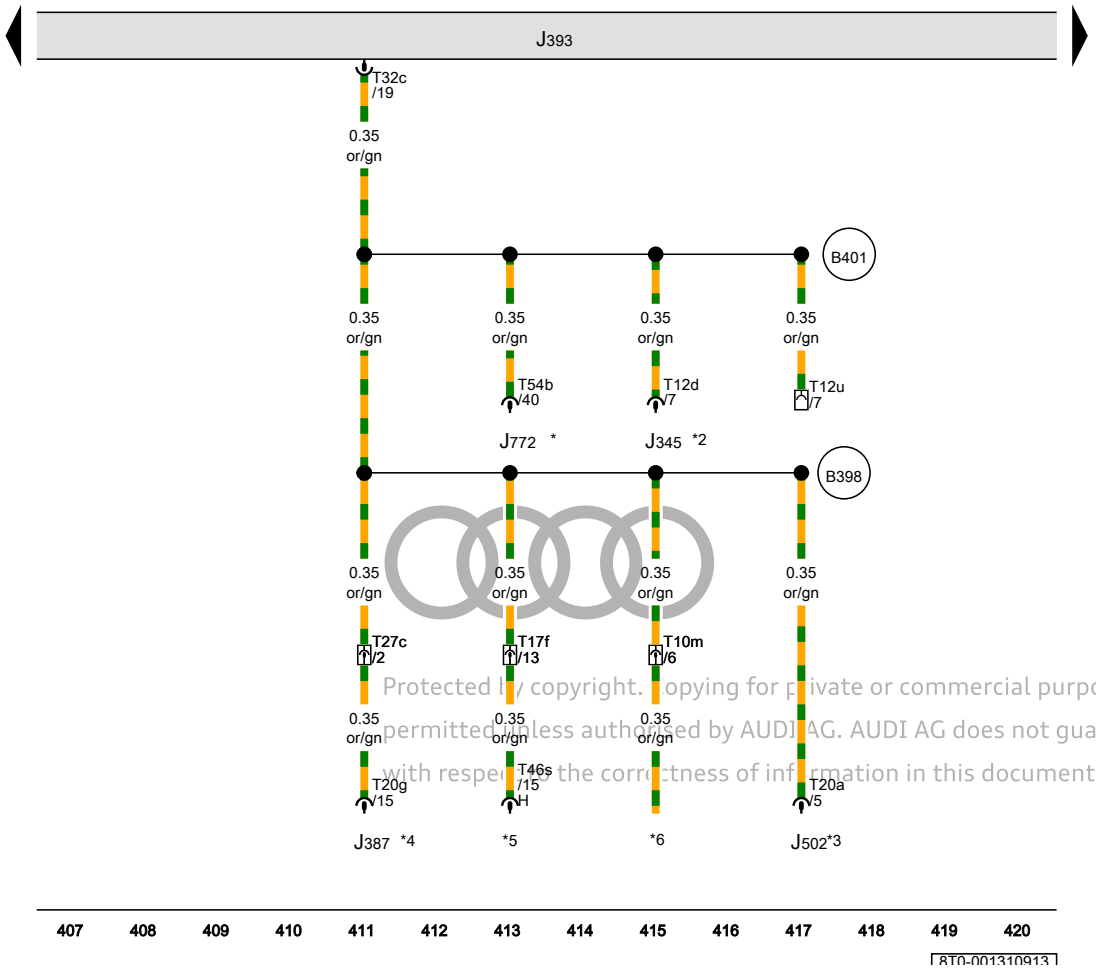
Brake light switch, Convenience system central control unit

F	Brake light switch
J255	Climatronic control unit
J393	Convenience system central control unit
J623	Engine control unit
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T32d	32-pin connector
B146	Positive connection 1 (87), in interior wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for engine
*2	Solenoid coil for brake light sensor
*3	see applicable current flow diagram for air conditioning



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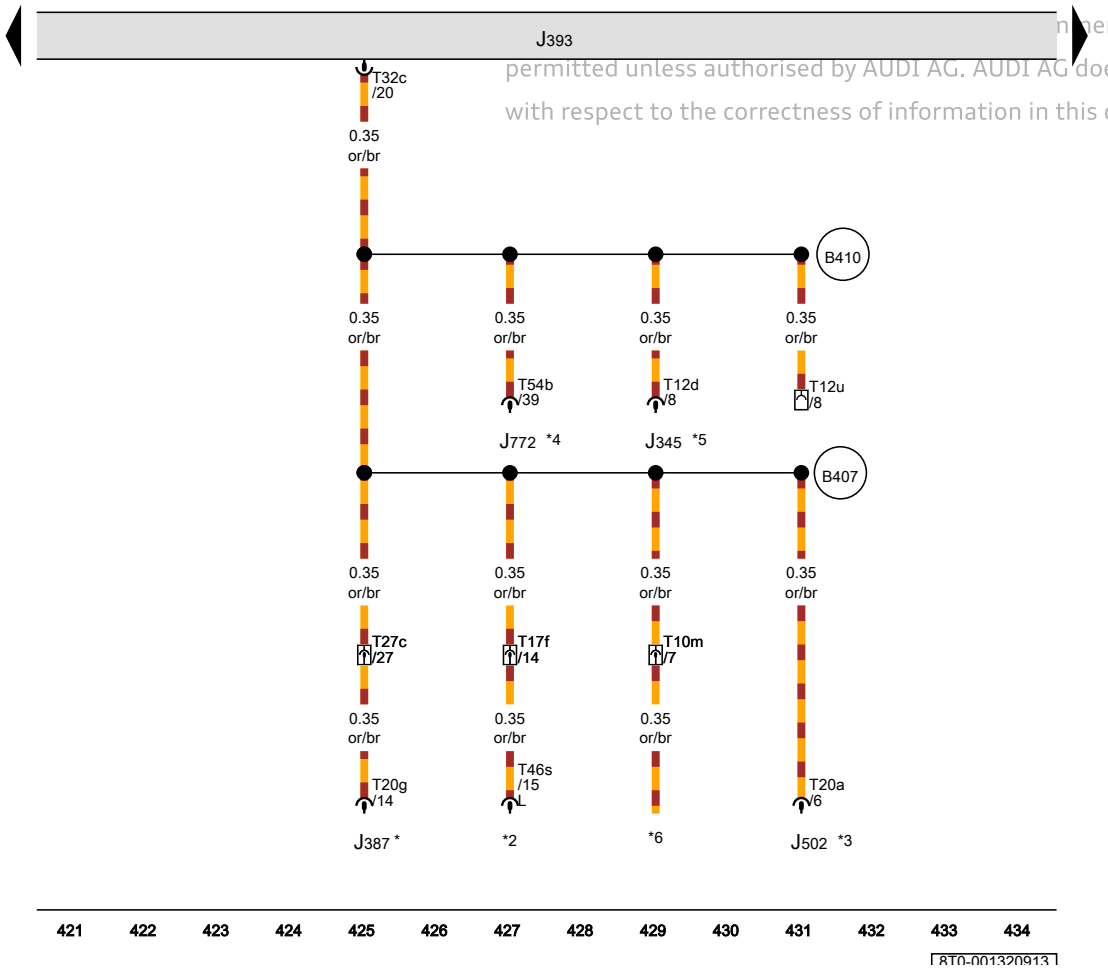


Convenience system central control unit

J345	Trailer detector control unit
J387	Front passenger door control unit
J393	Convenience system central control unit
J502	Tyre Pressure Monitoring System control unit
J772	Reversing camera system control unit
T10m	10-pin connector, red
T12d	12-pin connector
T12u	12-pin connector, brown
T17f	17-pin connector, brown
T20a	20-pin connector
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32c	32-pin connector
T46s	46-pin connector
T54b	54-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
*	Only models with reversing camera system
*2	Only models with trailer socket
*3	Only models with Tyre Pressure Monitoring System
*4	see applicable current flow diagram for convenience system
*5	Front passenger side push-in bridge, brown
*6	see applicable current flow diagram for seat adjustment

ws	=	white
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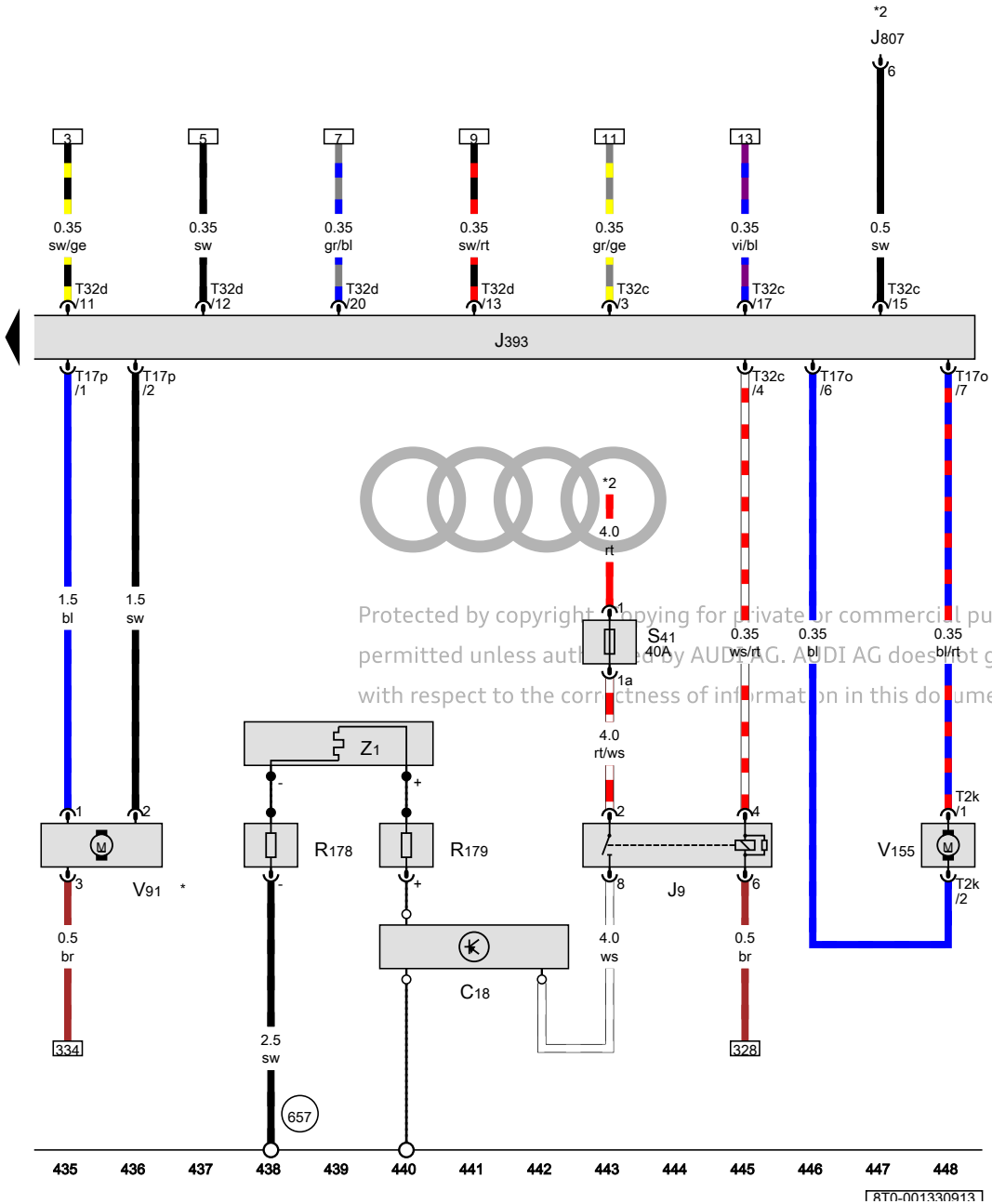
Convenience system central control unit

J345	Trailer detector control unit
J387	Front passenger door control unit
J393	Convenience system central control unit
J502	Tyre Pressure Monitoring System control unit
J772	Reversing camera system control unit
T10m	10-pin connector, red
T12d	12-pin connector
T12u	12-pin connector, brown
T17f	17-pin connector, brown
T20a	20-pin connector
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32c	32-pin connector
T46s	46-pin connector
T54b	54-pin connector
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Front passenger side push-in bridge, brown
*3	Only models with Tyre Pressure Monitoring System
*4	Only models with reversing camera system
*5	Only models with trailer socket
*6	see applicable current flow diagram for seat adjustment

ws	=	white
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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Convenience system central control unit, Rear roller blind motor, Tank filler flap locking motor, Heated rear window

C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
J807	Relay for power sockets
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T2k	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	32-pin connector
V91	Rear roller blind motor
V155	Tank filler flap locking motor
Z1	Heated rear window
657	Earth point 1, on left near rear window
*	Only vehicles with electric rear roller blind
*2	see applicable current flow diagram for fuse assignment

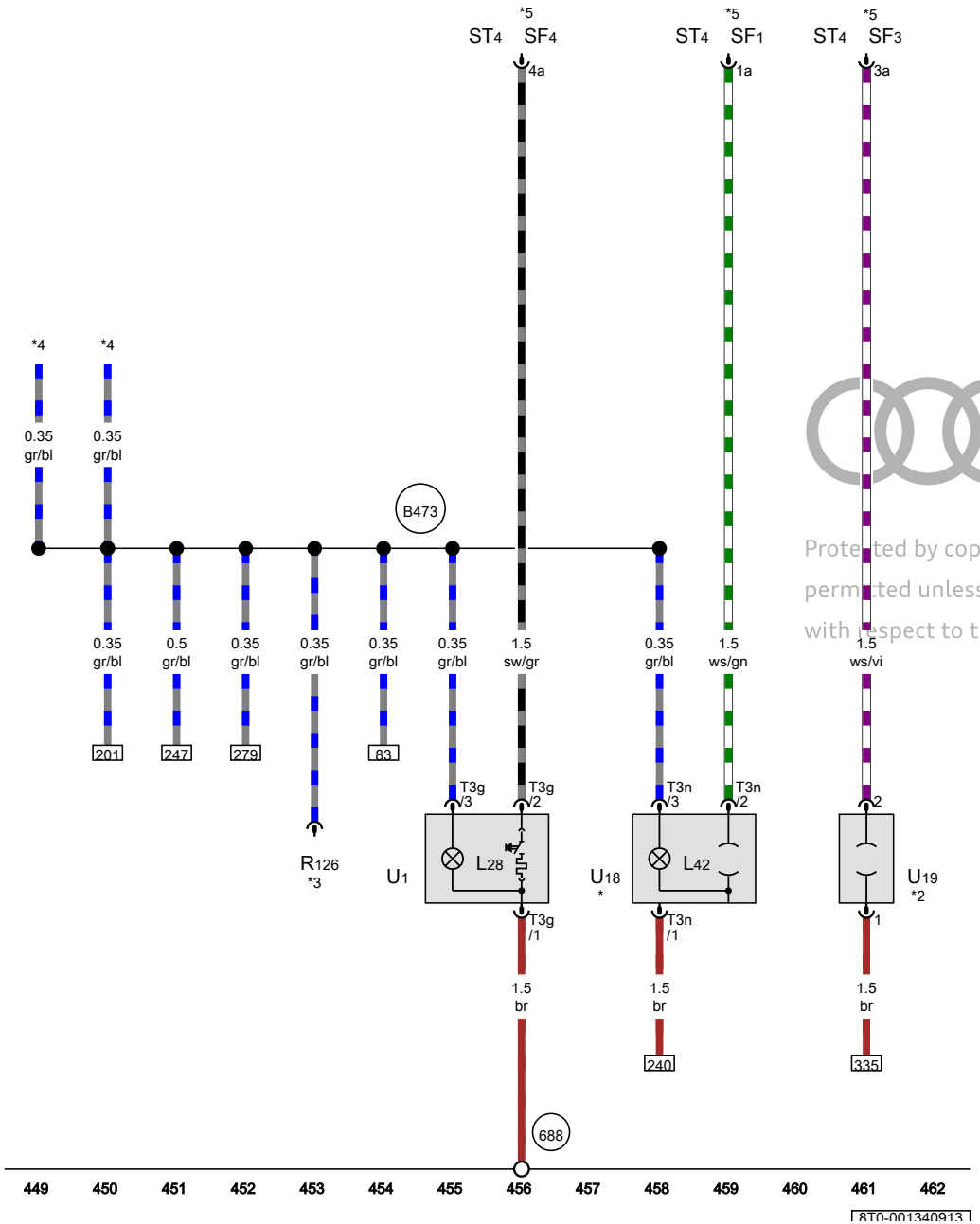


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Cigarette lighter, 12 V socket 2, 12 V socket 3

L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
R126	Telephone bracket
SF1	Fuse 1 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST4	Fuse carrier 4
T3g	3-pin connector
T3n	3-pin connector
U1	Cigarette lighter
U18	12 V socket 2
U19	12 V socket 3
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
*	According to equipment
*2	Only models with 12 V socket in luggage compartment
*3	see applicable current flow diagram for telephone systems
*4	see applicable current flow diagram for seat heating
*5	see applicable current flow diagram for fuse assignment



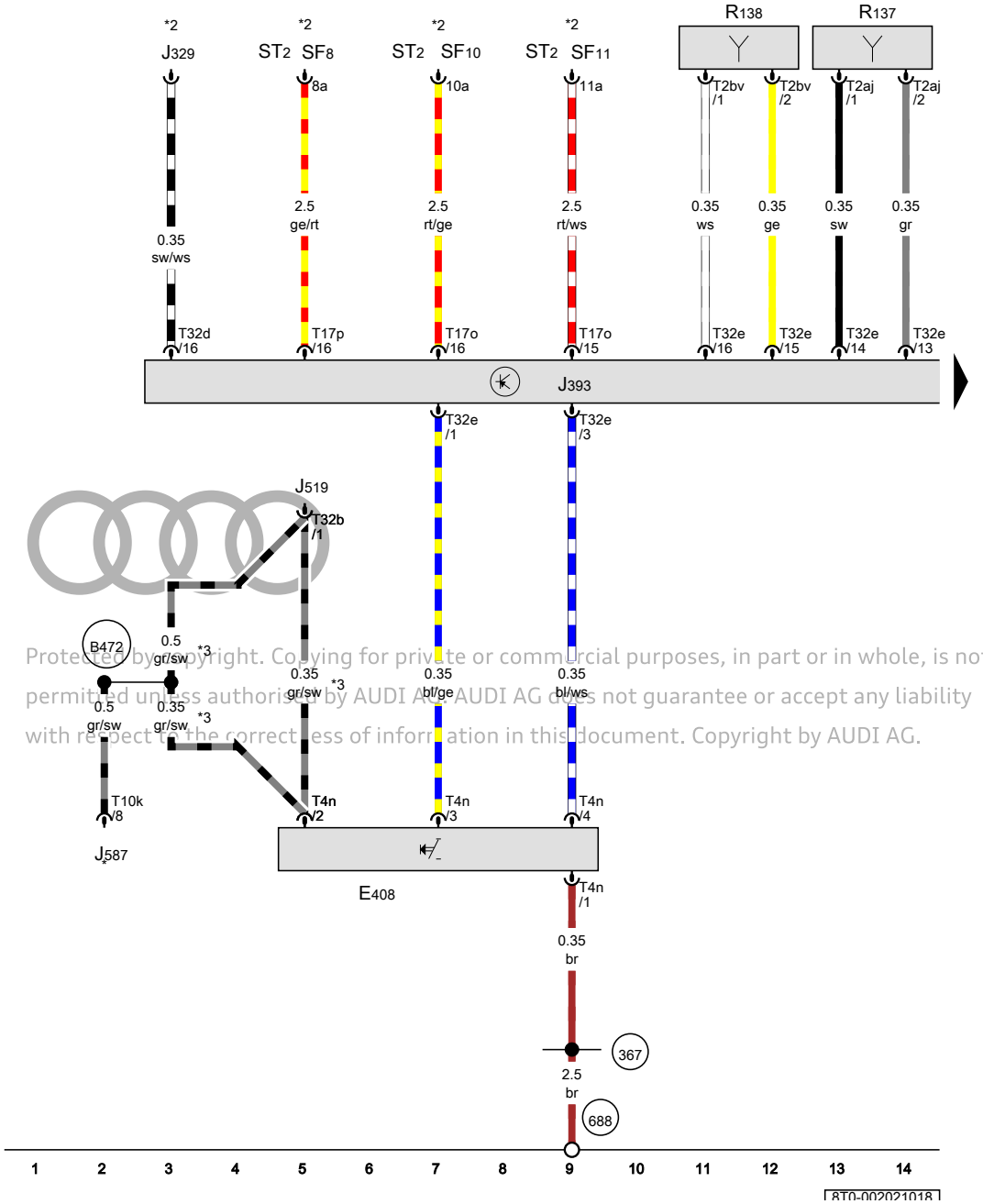
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Convenience system

From June 2007

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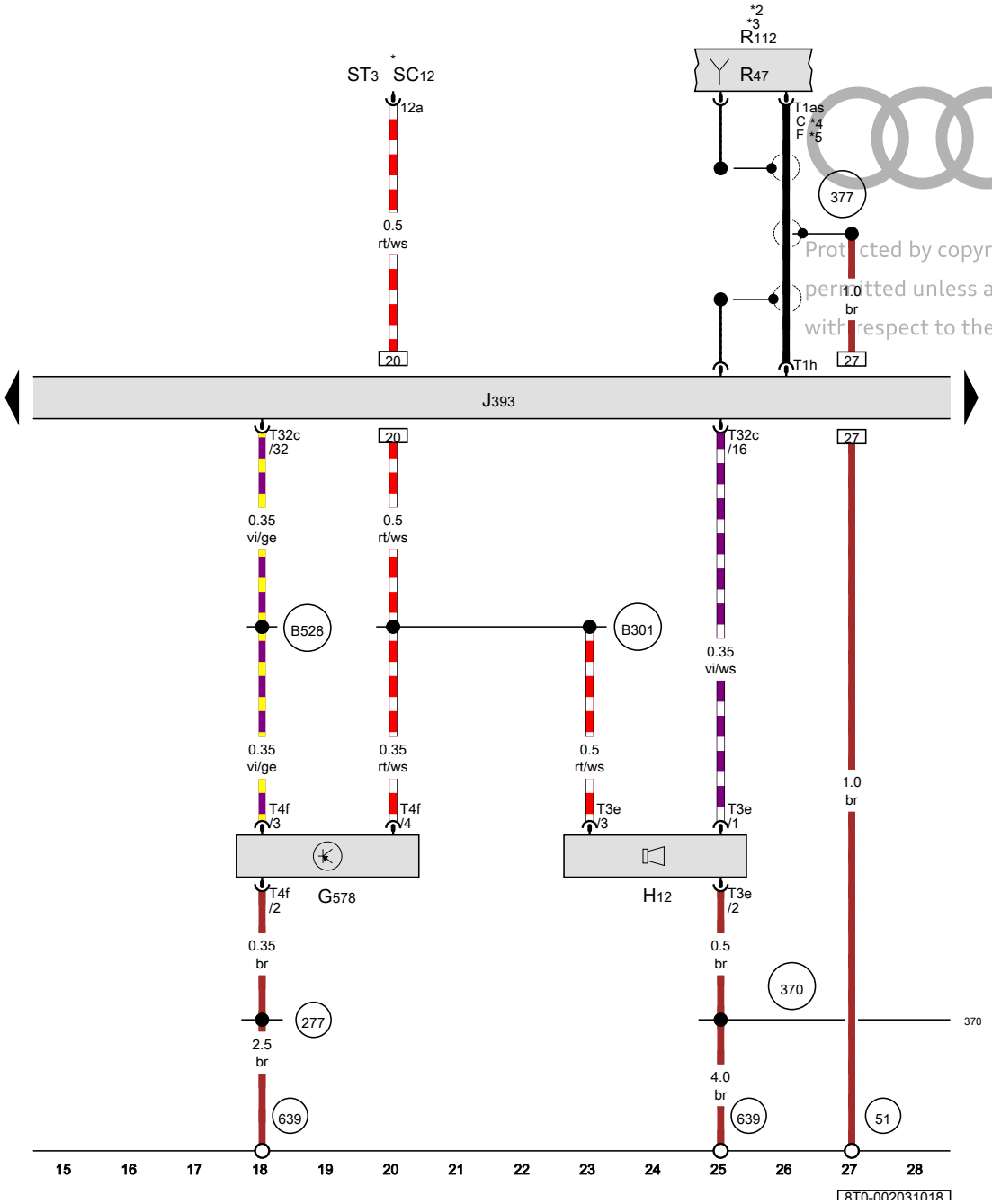


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Entry and start authorisation button, Convenience system central control unit, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system

E408	Entry and start authorisation button
J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
ST2	Fuse carrier 2
SF8	Fuse 8 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
T2aj	2-pin connector
T2bv	2-pin connector
T4n	4-pin connector
T10k	10-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32b	32-pin connector
T32d	32-pin connector
T32e	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B472	Connection 8, in main 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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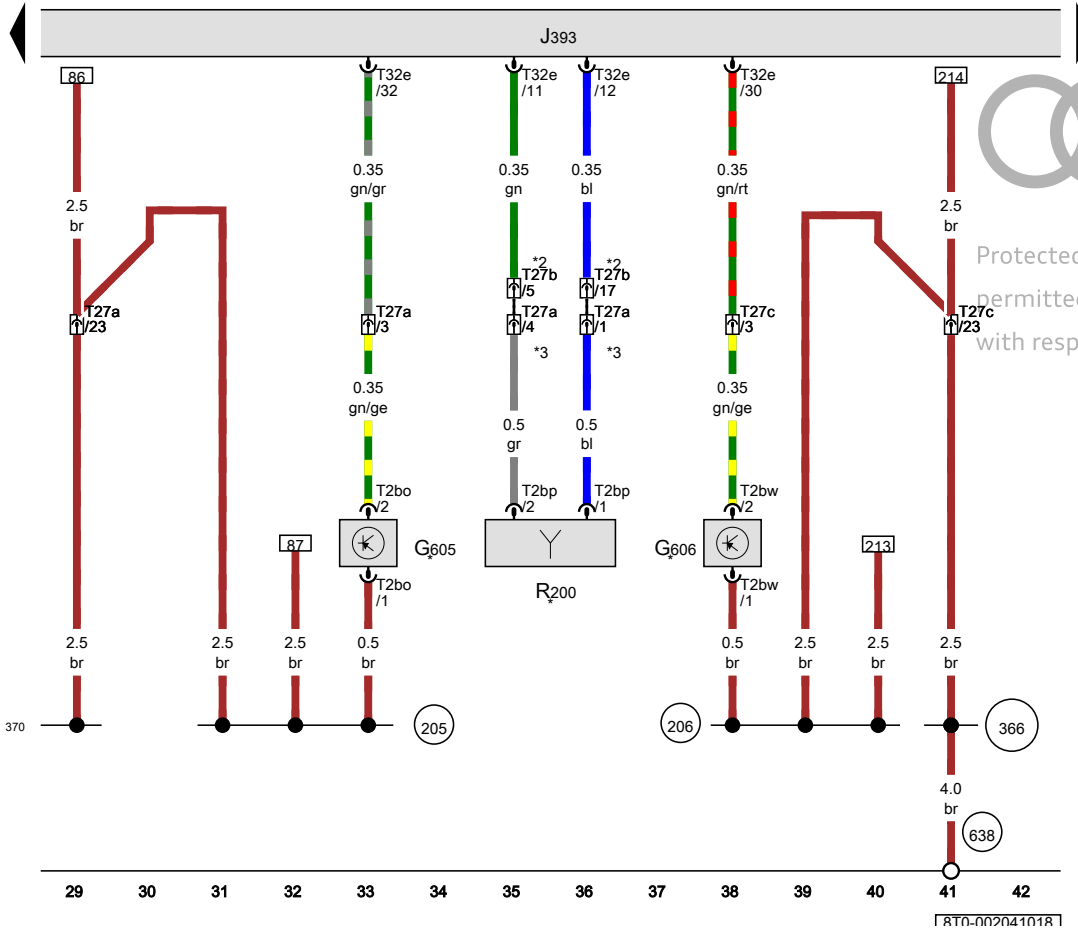
Anti-theft alarm sensor, Alarm horn, Convenience system central control unit, Aerial amplifier 3

G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R112	Aerial amplifier 3
ST3	Fuse carrier 3
SC12	Fuse 12 on fuse holder C
T1as	1-pin connector
T1h	1-pin connector
T3e	3-pin connector
T4f	4-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
277	Earth connection 3, in interior wiring harness
370	Earth connection 5, in main wiring harness
377	Earth connection 12, in main wiring harness
639	Earth point, left A-pillar
B301	Positive connection 5 (30), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	For models with 2 doors
*4	According to equipment
*5	see applicable current flow diagram for MMI (information electronics)

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Contact sensor for front left exterior door handle, Contact sensor for front right exterior door handle, Convenience system central control unit, Left aerial for entry and start authorisation

G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
R200	Left aerial for entry and start authorisation
T2bo	2-pin connector
T2bp	2-pin connector
T2bw	2-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32e	32-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
*	According to equipment
*2	For models with 5 doors
*3	For models with 2 doors

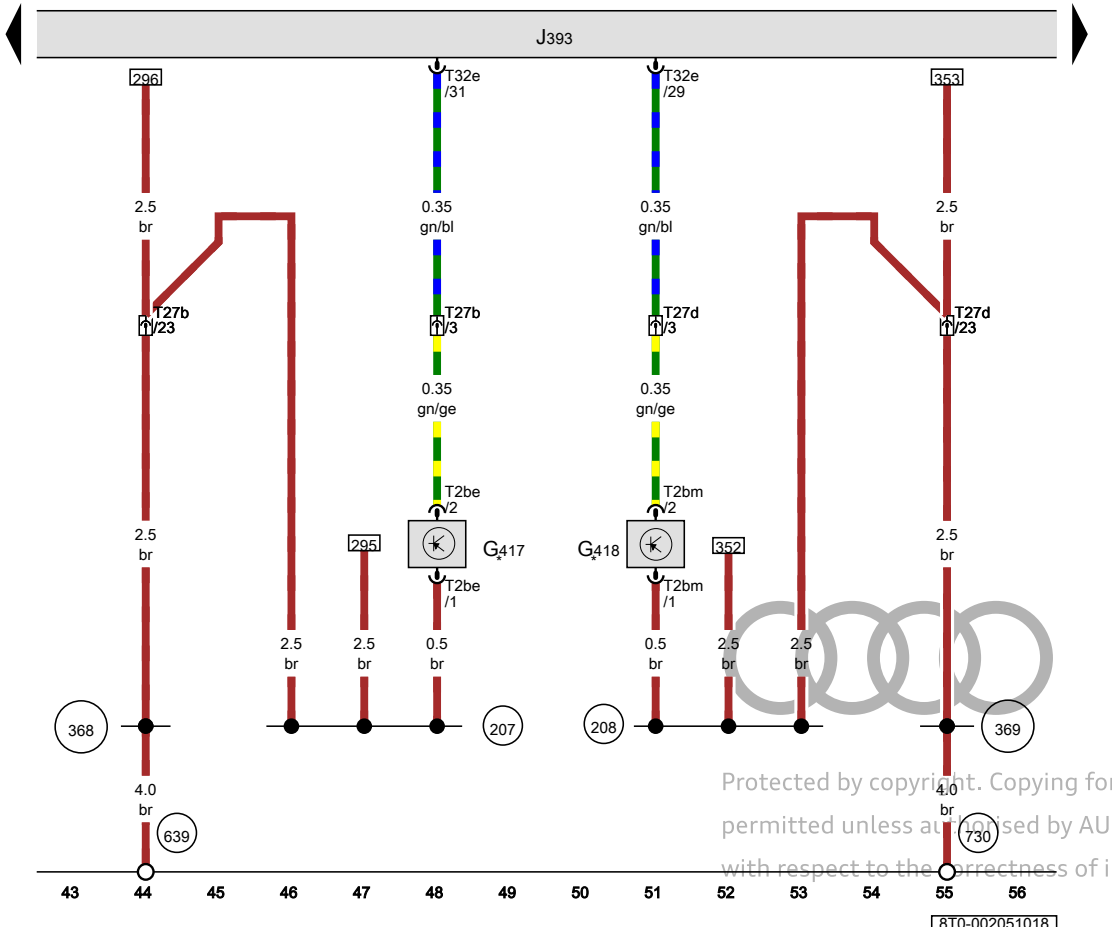


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Contact sensor for rear left exterior door handle, Contact sensor for rear right exterior door handle, Convenience system central control unit

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
J393	Convenience system central control unit
T2be	2-pin connector
T2bm	2-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
T32e	32-pin connector
207	Earth connection, in rear left door wiring harness
208	Earth connection, in rear right door wiring harness
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
730	Earth point 1, on right rear wheel housing
*	For models with 5 doors

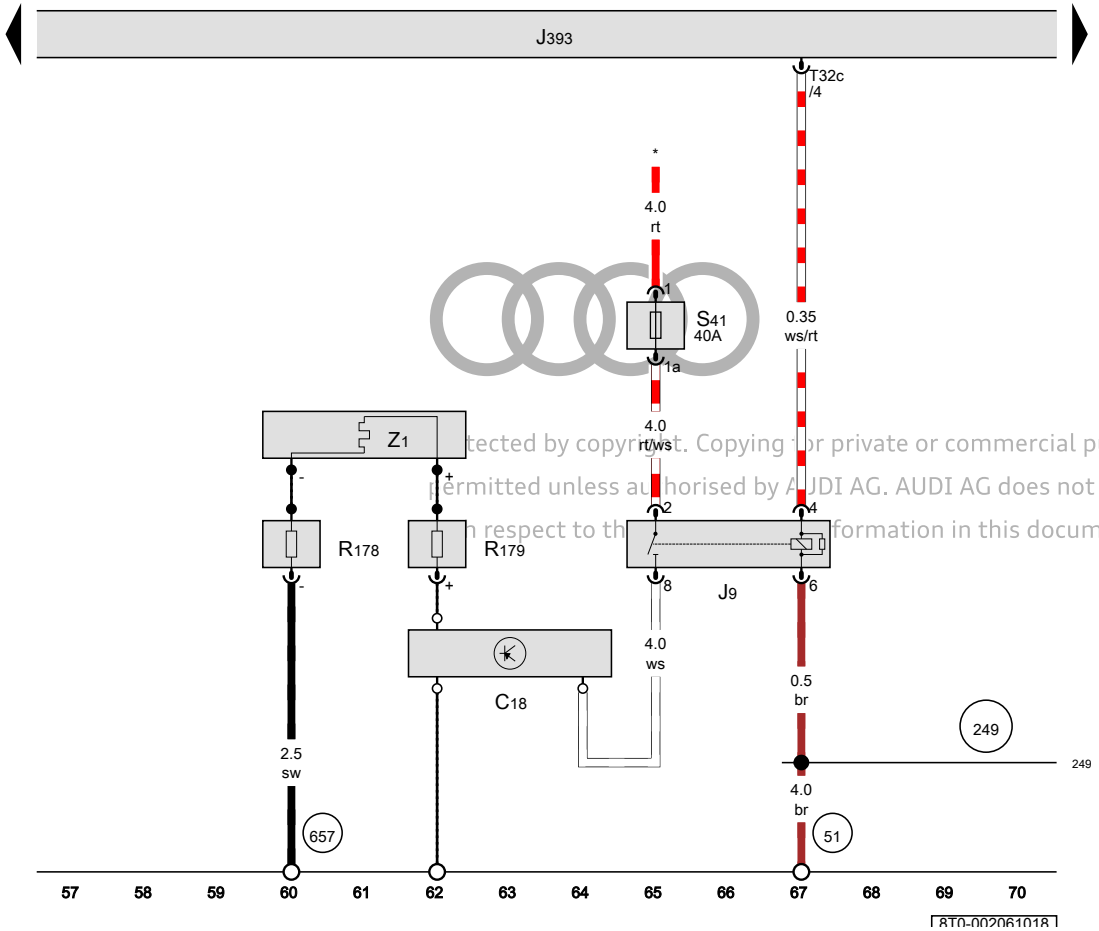


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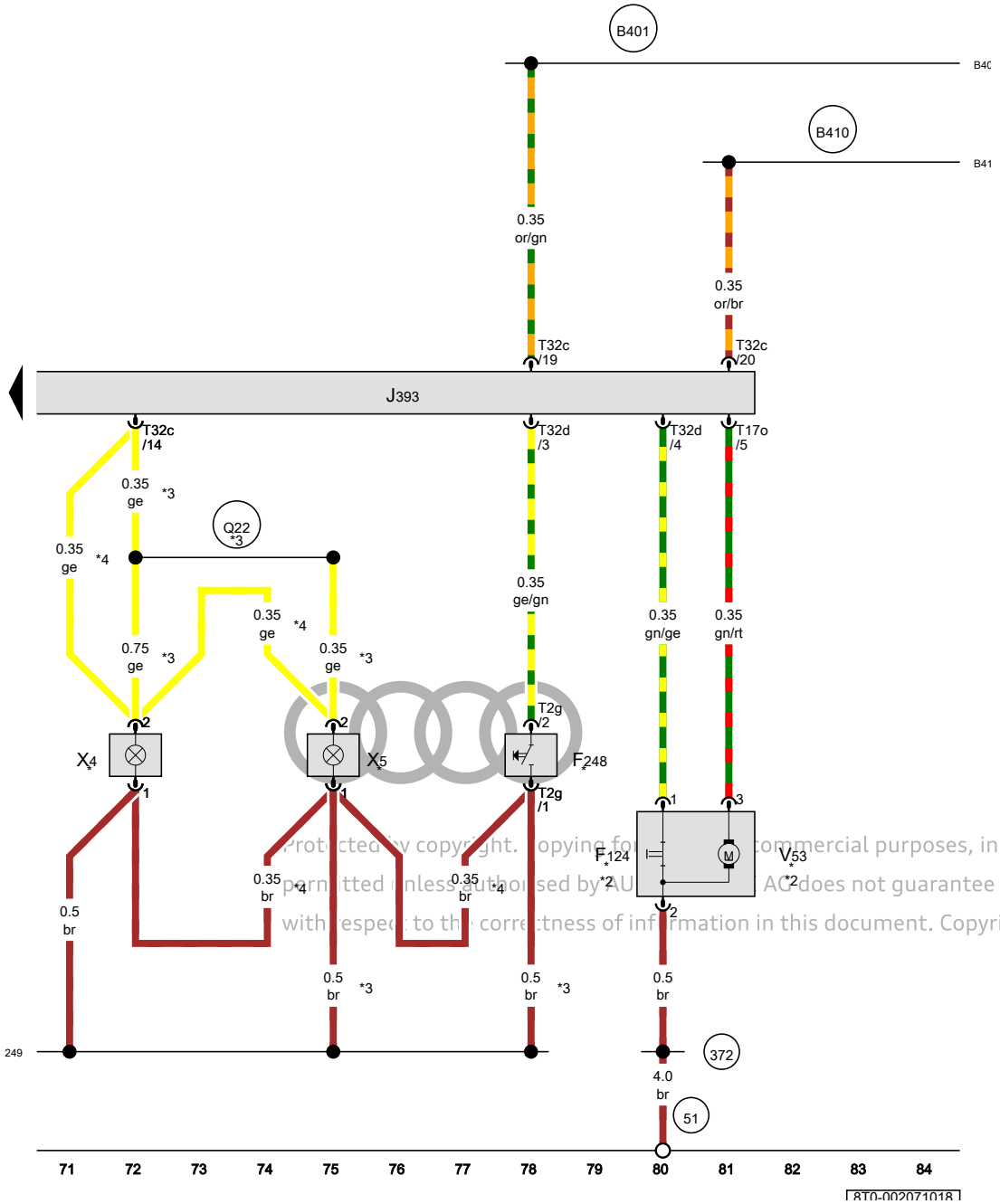
Window aerial suppression filter, Heated rear window relay, Convenience system central control unit, Heated rear window single fuse, Heated rear window

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
T32c	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left near rear window
*	see applicable current flow diagram for fuse assignment



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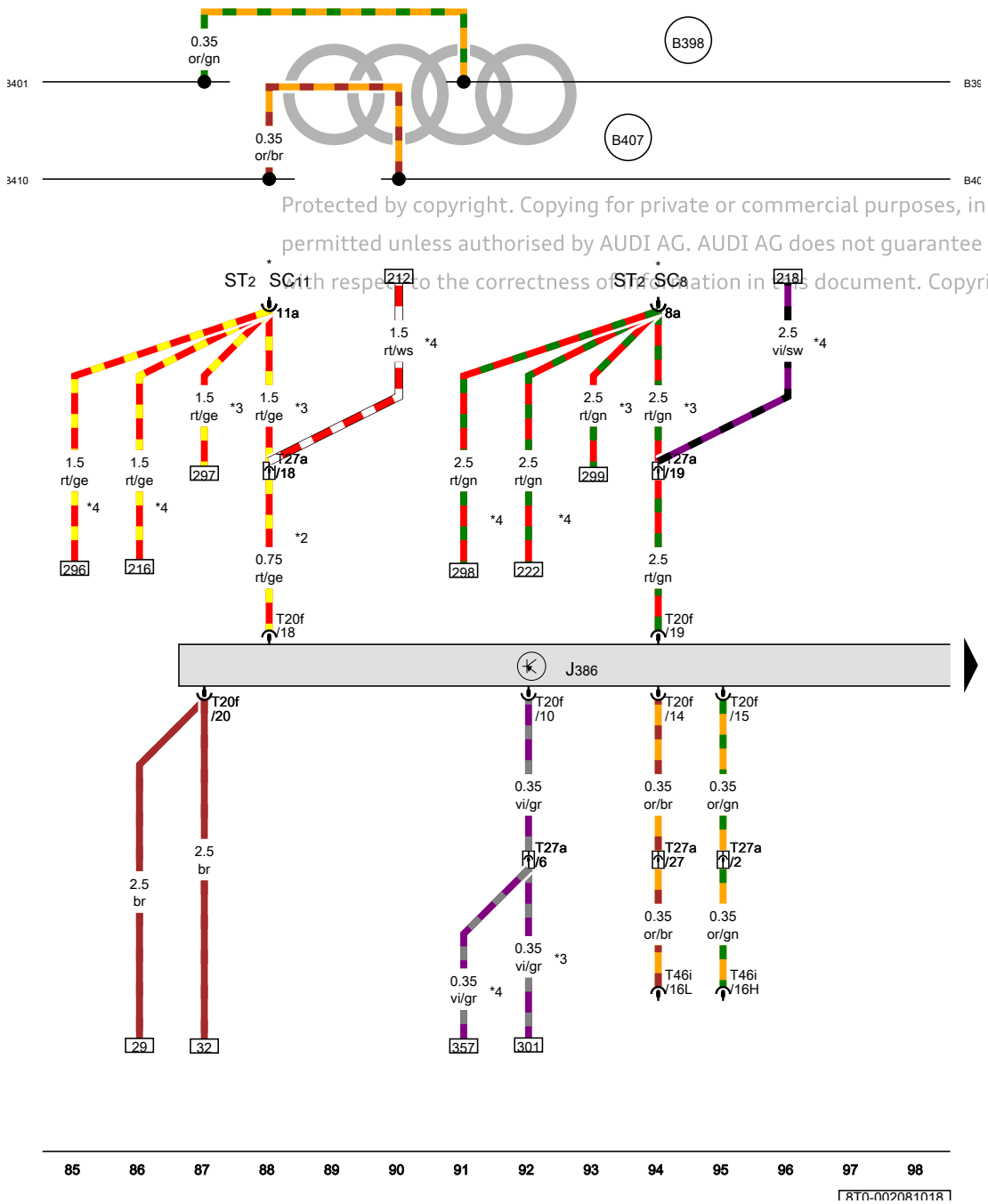


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Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number 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
T2g	2-pin connector
T17o	17-pin connector
T32c	32-pin connector
T32d	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
249	Earth connection 2, in interior wiring harness
372	Earth connection 7, in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
Q22	Connection 1, in rear lid wiring harness
*	For models with 2 doors
*2	see applicable current flow diagram
*3	gradual introduction
*4	Gradually discontinued

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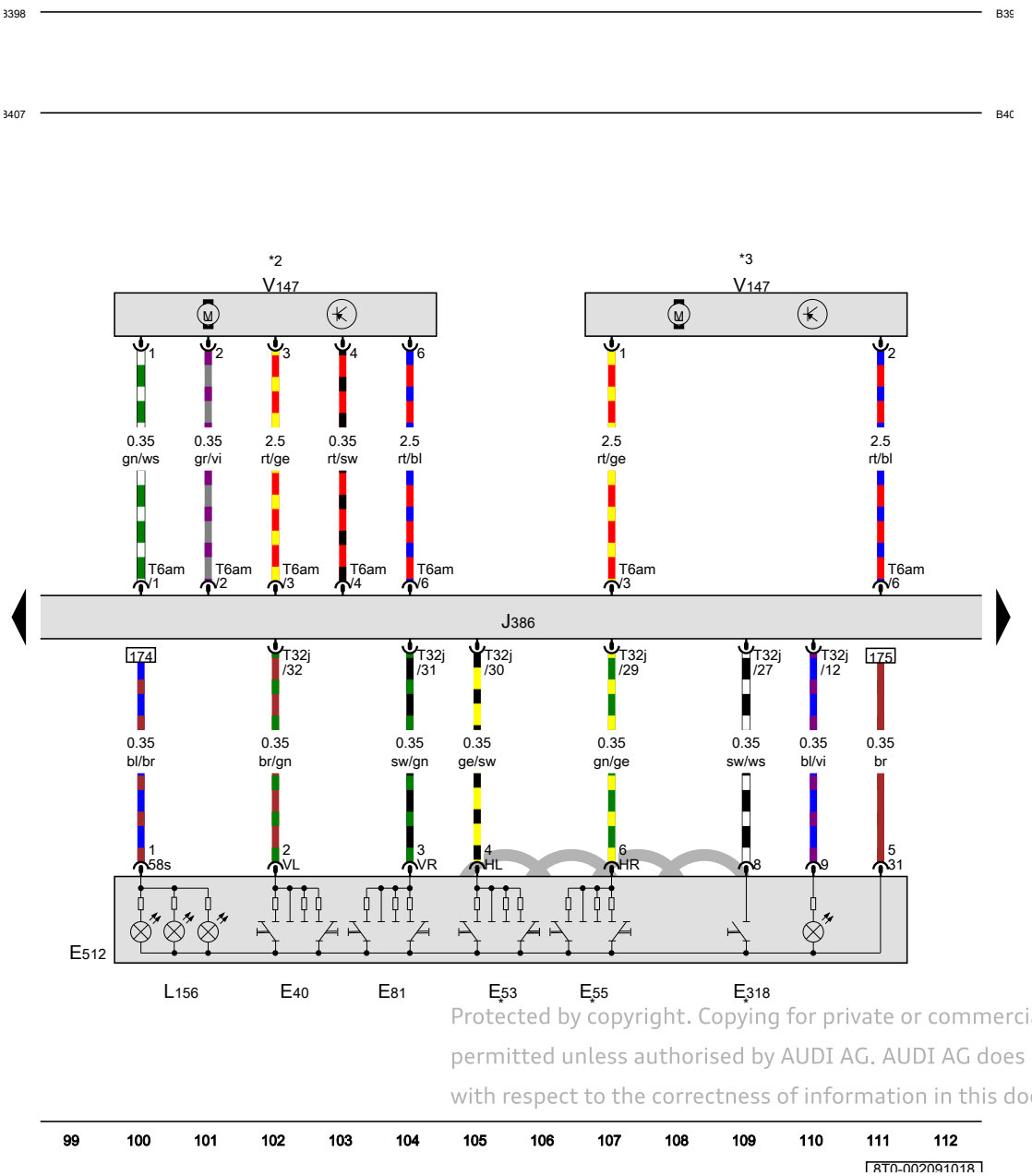


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Driver door control unit

J386	Driver door control unit
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
SC11	Fuse 11 on fuse holder C
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T46i	46-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	For left-hand drive models
*4	For right-hand drive models

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sw	=	black
ro	=	red
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Operating unit for window regulator in driver door, Driver door control unit, Driver side window regulator motor

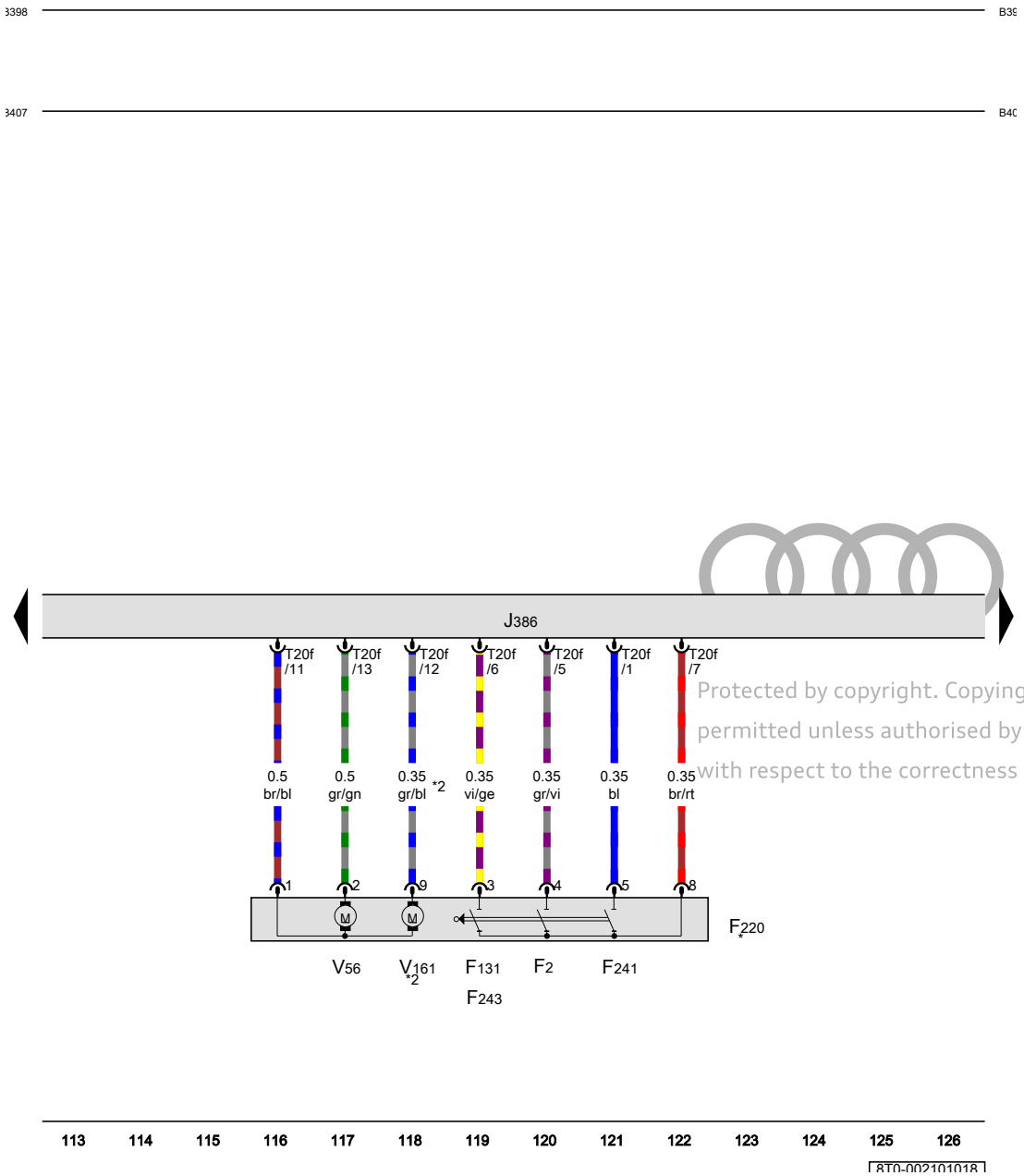
E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L156	Switch illumination bulb
T6am	6-pin connector
T32j	32-pin connector
V147	Driver side window regulator motor
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with 5 doors
*2	Gradually discontinued
*3	gradual introduction

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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
F243	Driver door central locking actuator for SAFELOCK function
J386	Driver door control unit
T20f	20-pin connector
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Gradually discontinued
*2	For models with SAFELOCK function

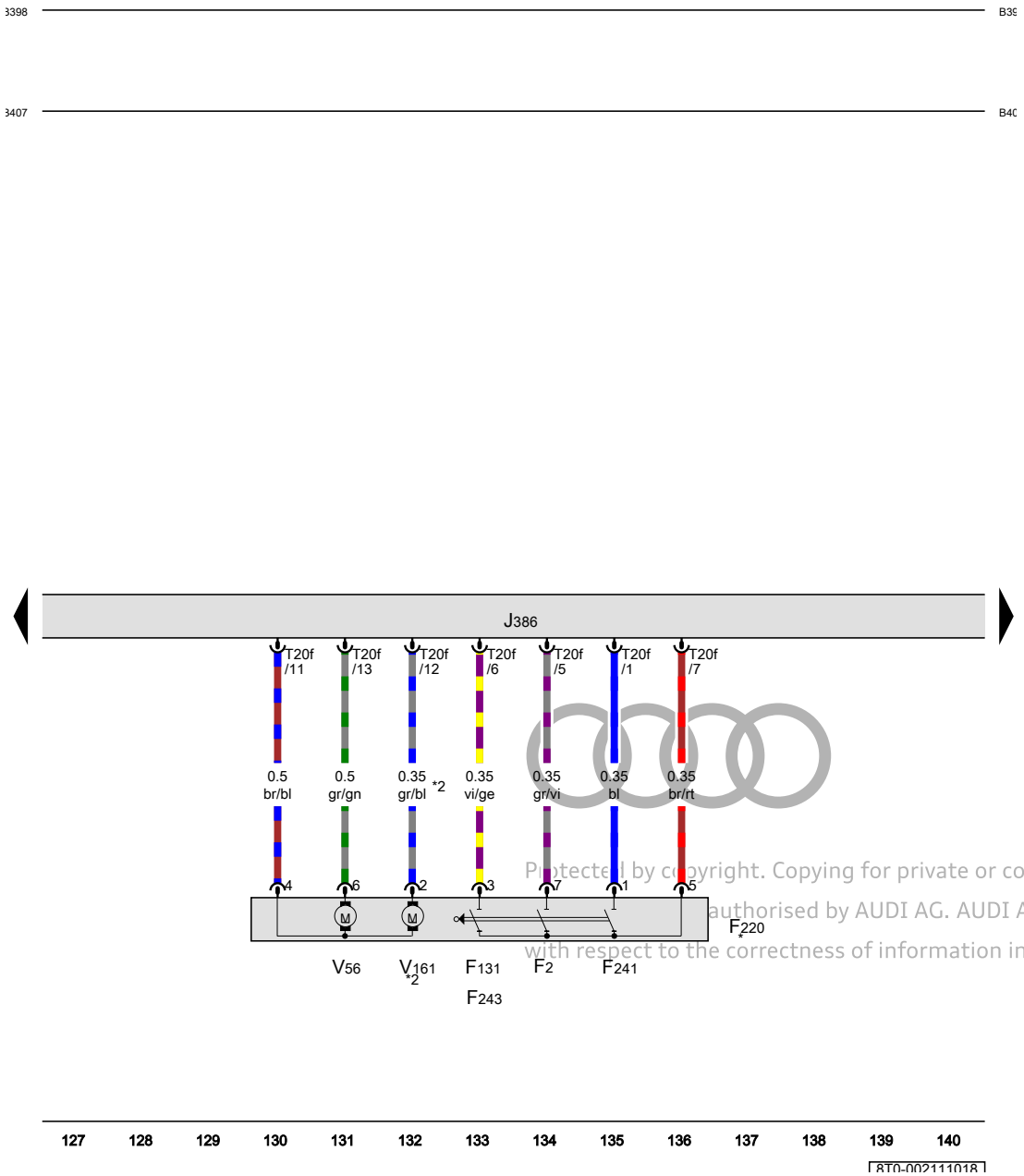


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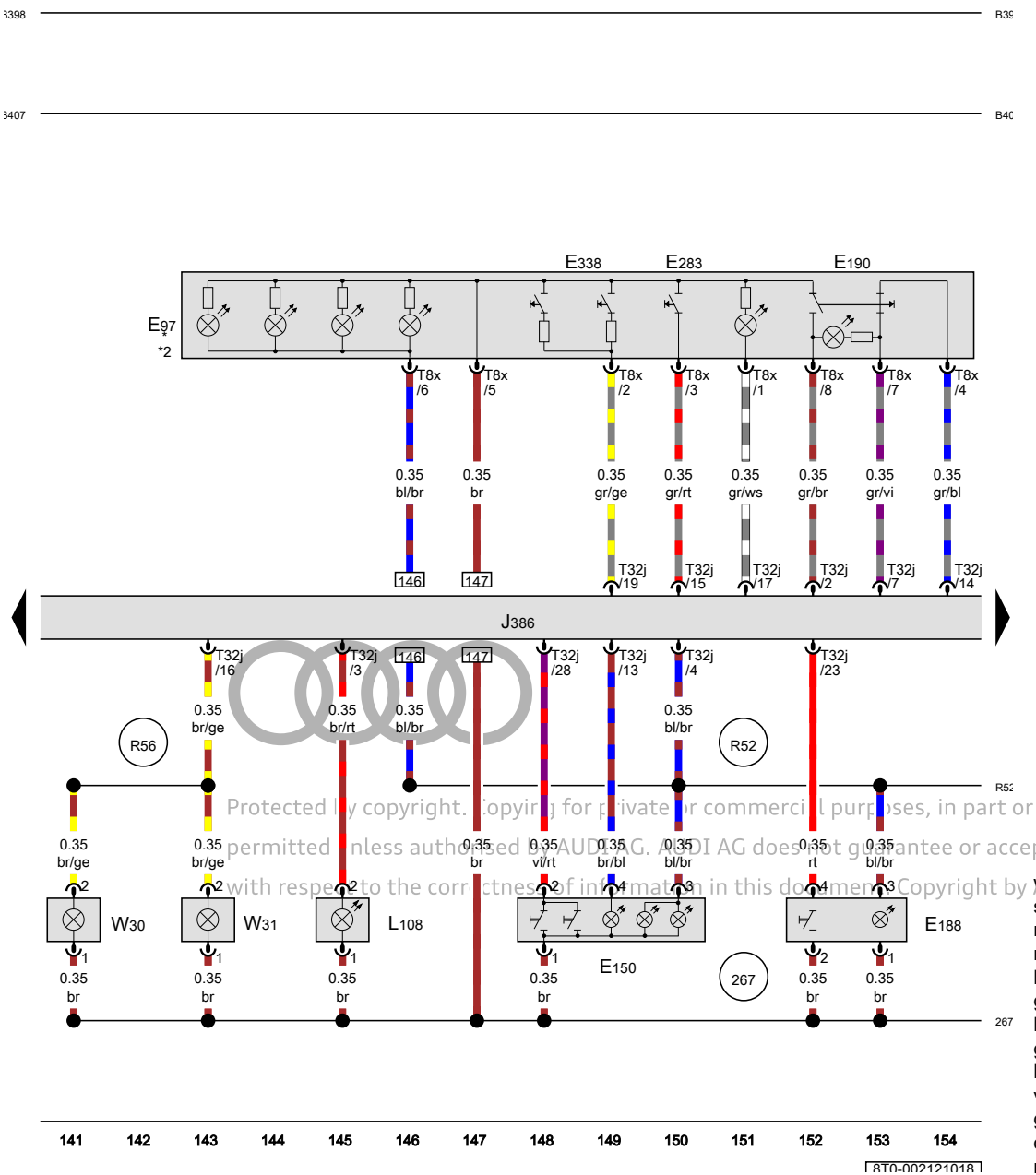
Driver side central locking lock unit, Driver door control unit

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
F243	Driver door central locking actuator for SAFELOCK function
J386	Driver door control unit
T20f	20-pin connector
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	gradual introduction
*2	For models with SAFELOCK function



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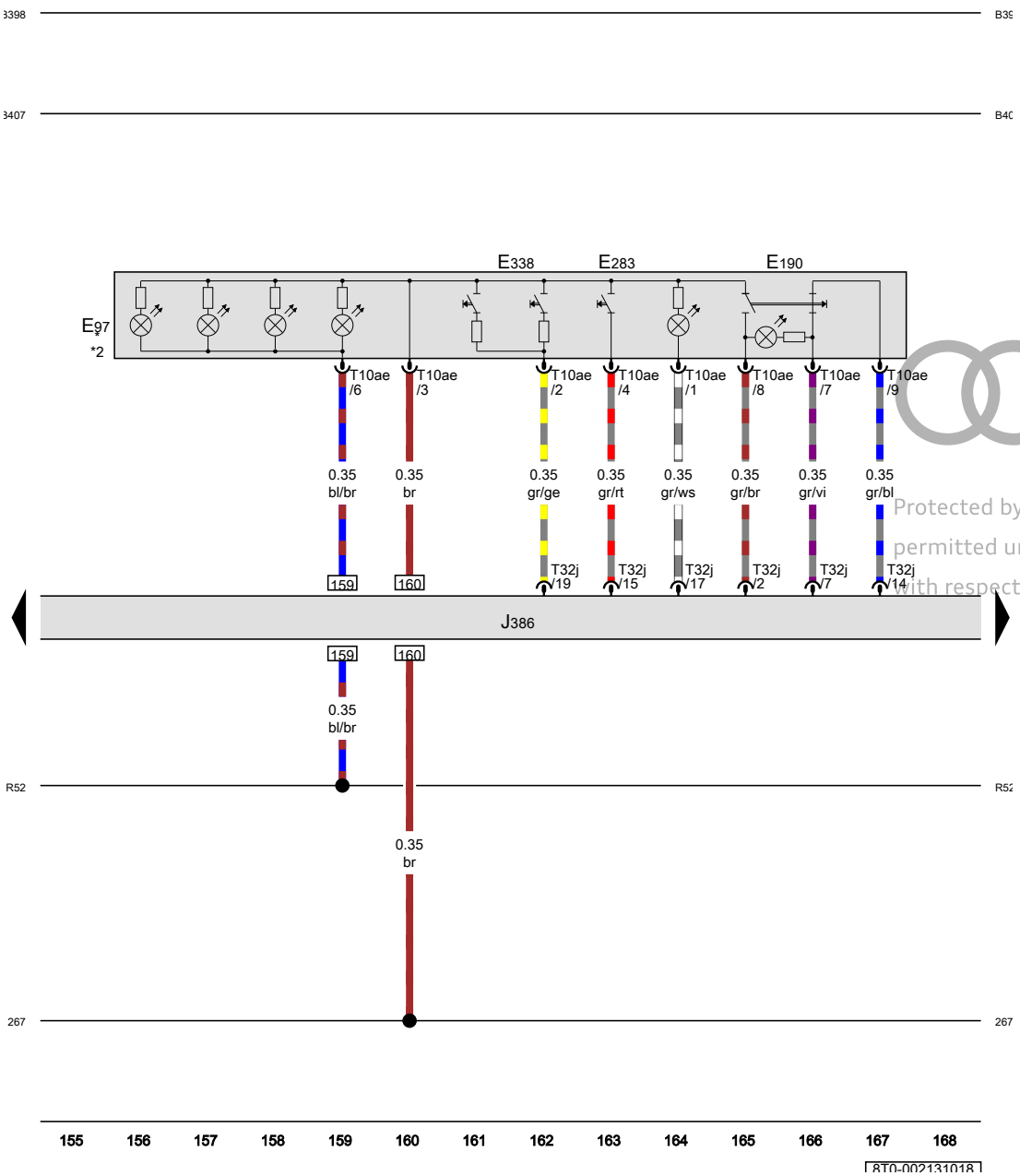


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Driver seat memory operating unit, Driver side interior locking switch, Rear lid remote release switch, Driver door control unit, Driver door opener illumination bulb, Driver side door warning lamp, Front left entry light

E97	Driver seat memory operating unit
E150	Driver side interior locking switch
E188	Rear lid remote release switch
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
L108	Driver door opener illumination bulb
T8x	8-pin connector
T32j	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
R56	Connection (entry light), in driver door wiring harness
*	Driver seat with memory function
*2	For models with 2 doors

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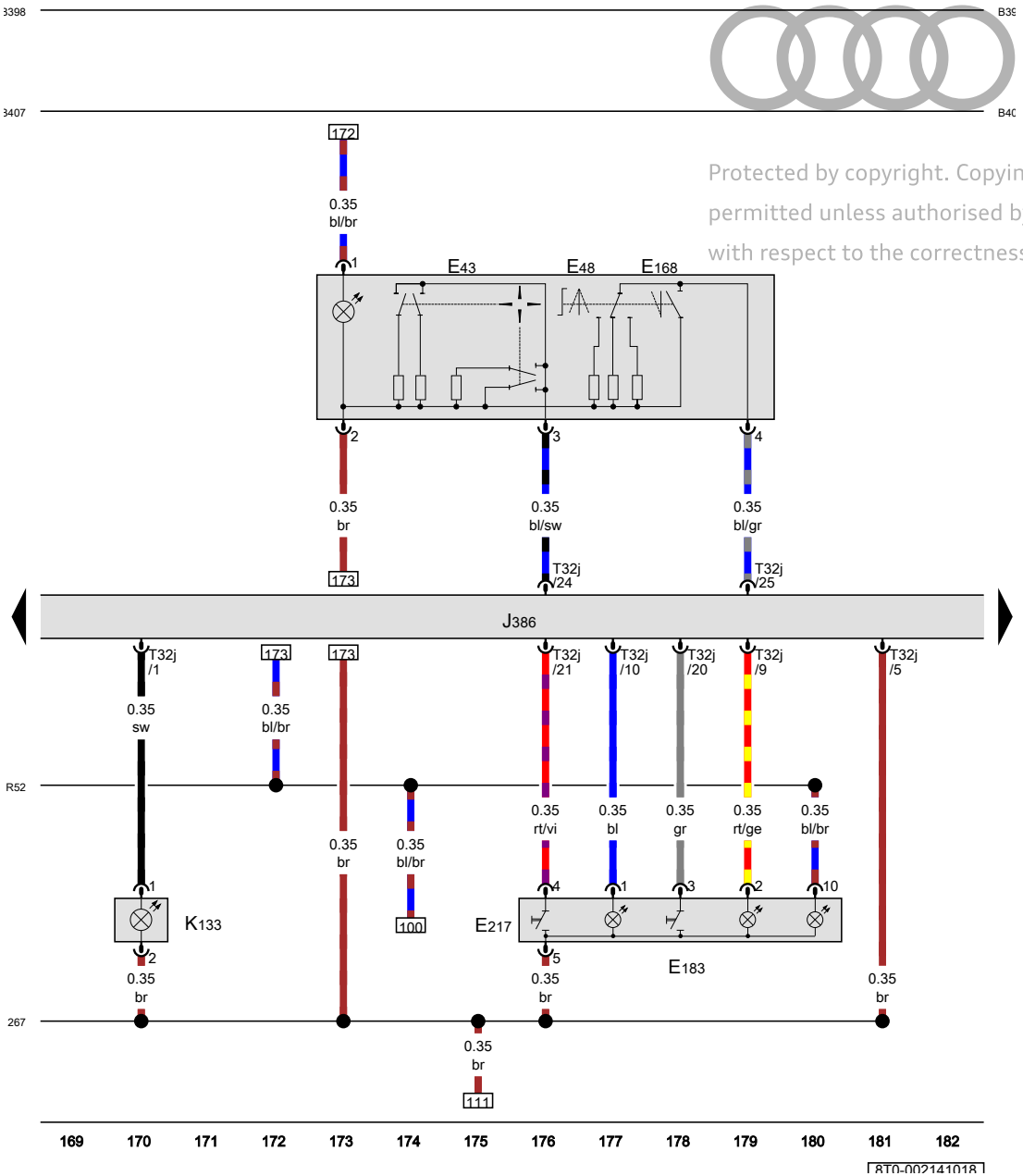


Driver seat memory operating unit, Driver door control unit

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
T10ae	10-pin connector
T32j	32-pin connector
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Driver seat with memory function
*2	For models with 5 doors

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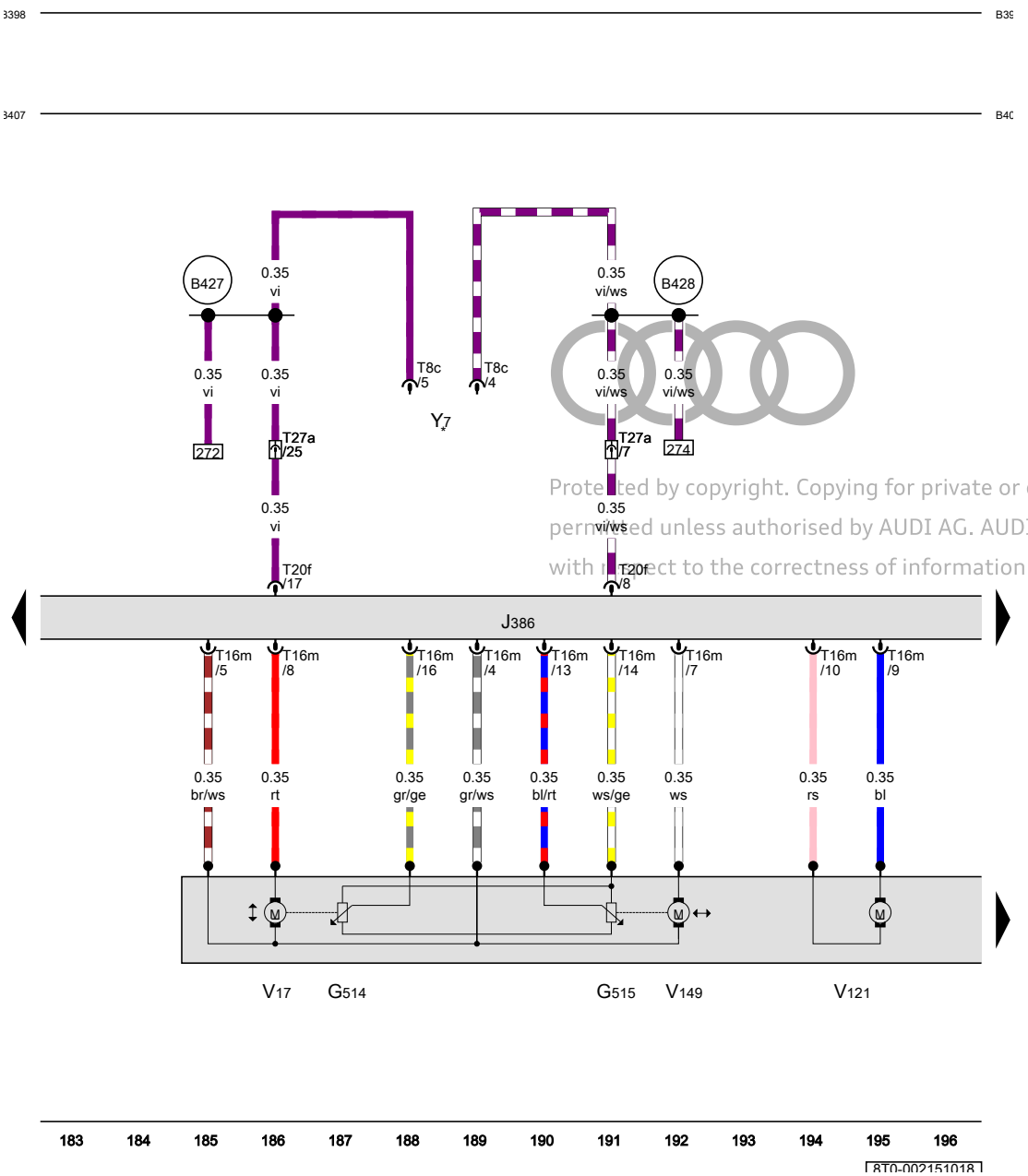


Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Alarm system off switch, Driver door control unit, Central locking SAFELOCK function warning lamp

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E217	Alarm system off switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
T32j	32-pin connector
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness

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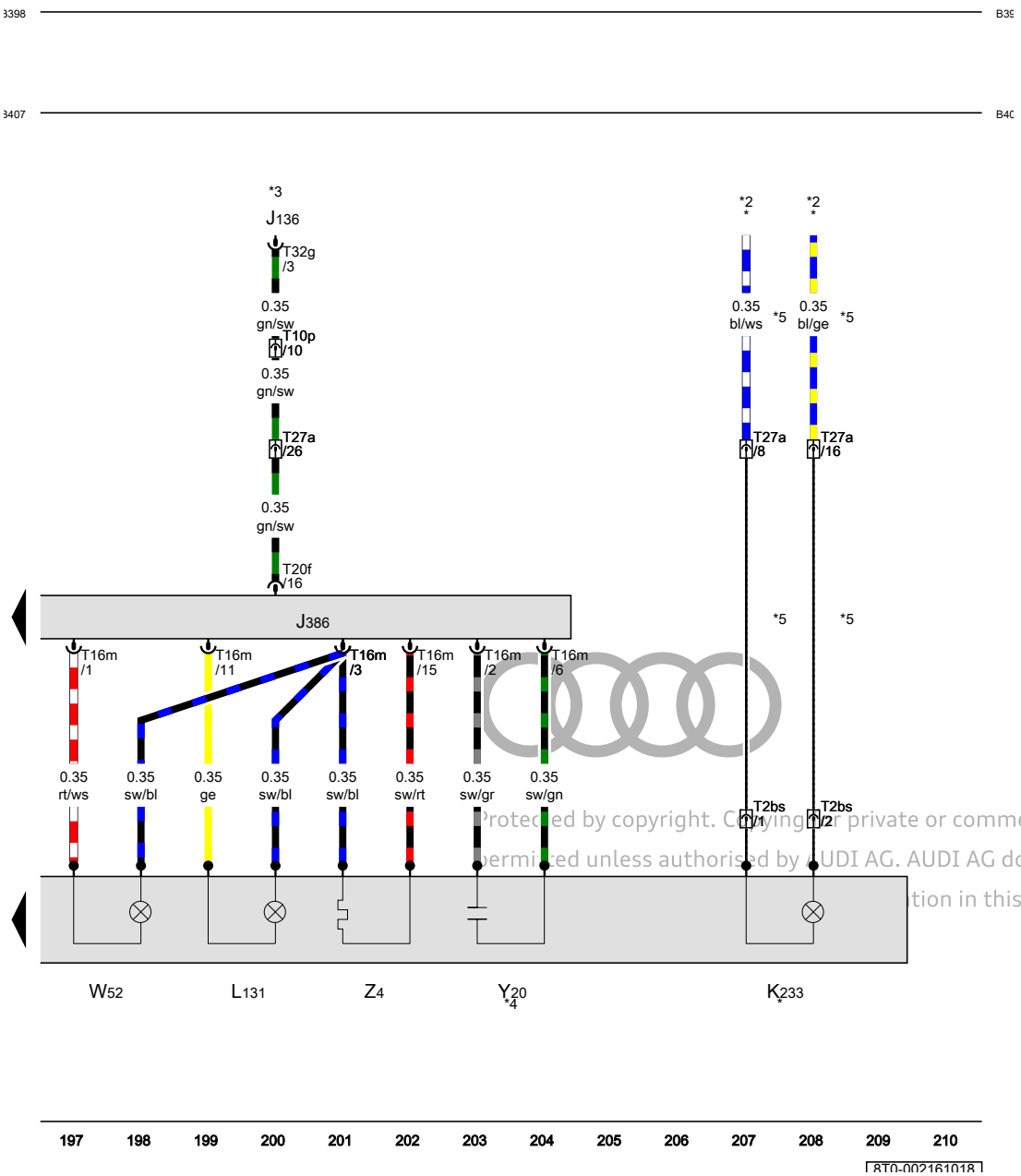


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Potentiometer for horizontal adjustment of driver side mirror, Potentiometer for vertical adjustment of driver side mirror, Driver door control unit, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
T8c	8-pin connector
T16m	16-pin connector
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	For models with automatic anti-dazzle interior mirror

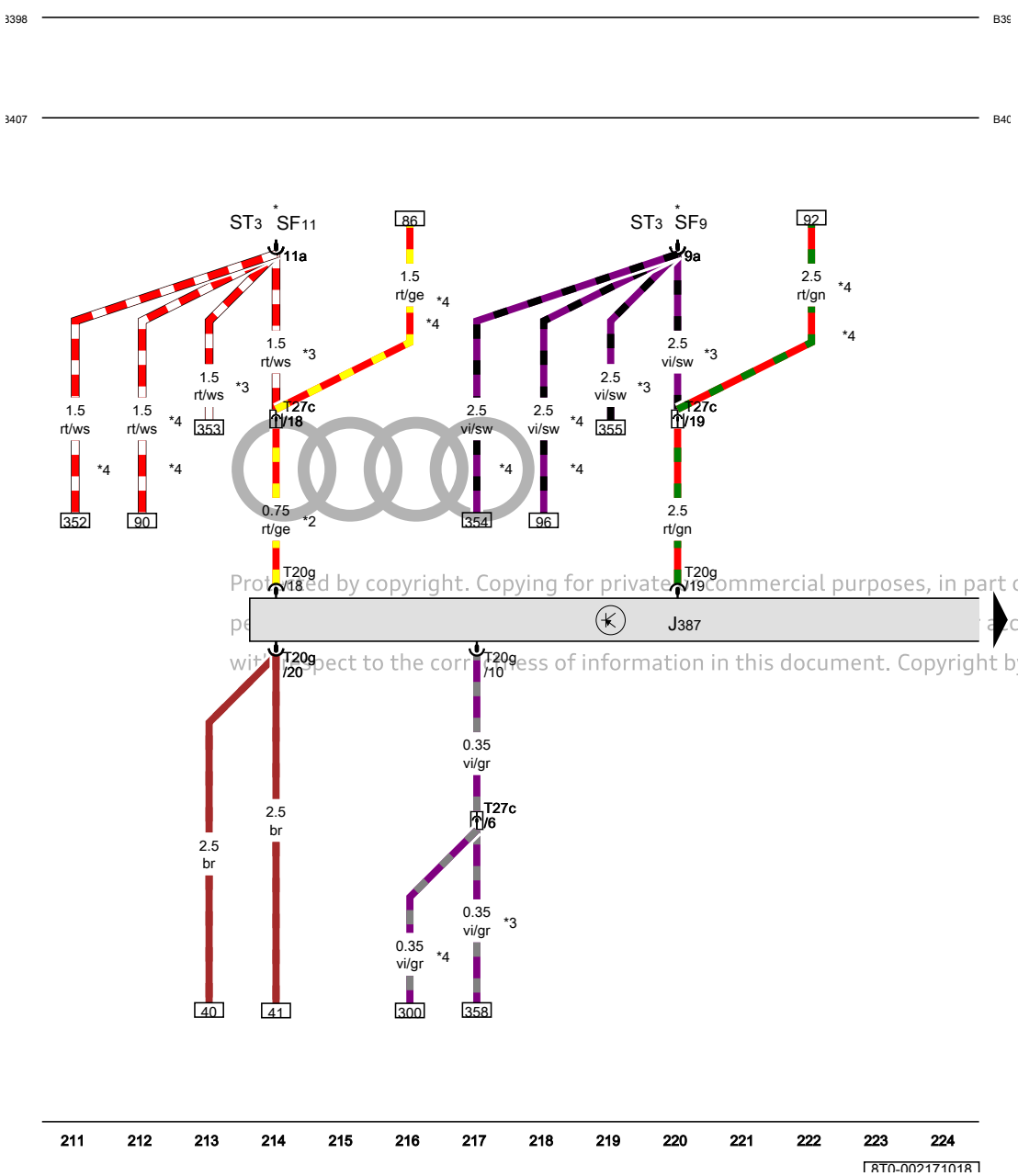


Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Entry light in exterior mirror, driver side, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T2bs	2-pin connector, black
T10p	10-pin connector, red
T16m	16-pin connector
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T32g	32-pin connector
W52	Entry light in exterior mirror, driver side
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with lane change assist
*2	see applicable current flow diagram
*3	For models with electric seat adjustment and memory function
*4	For models with automatic anti-dazzle exterior mirror
*5	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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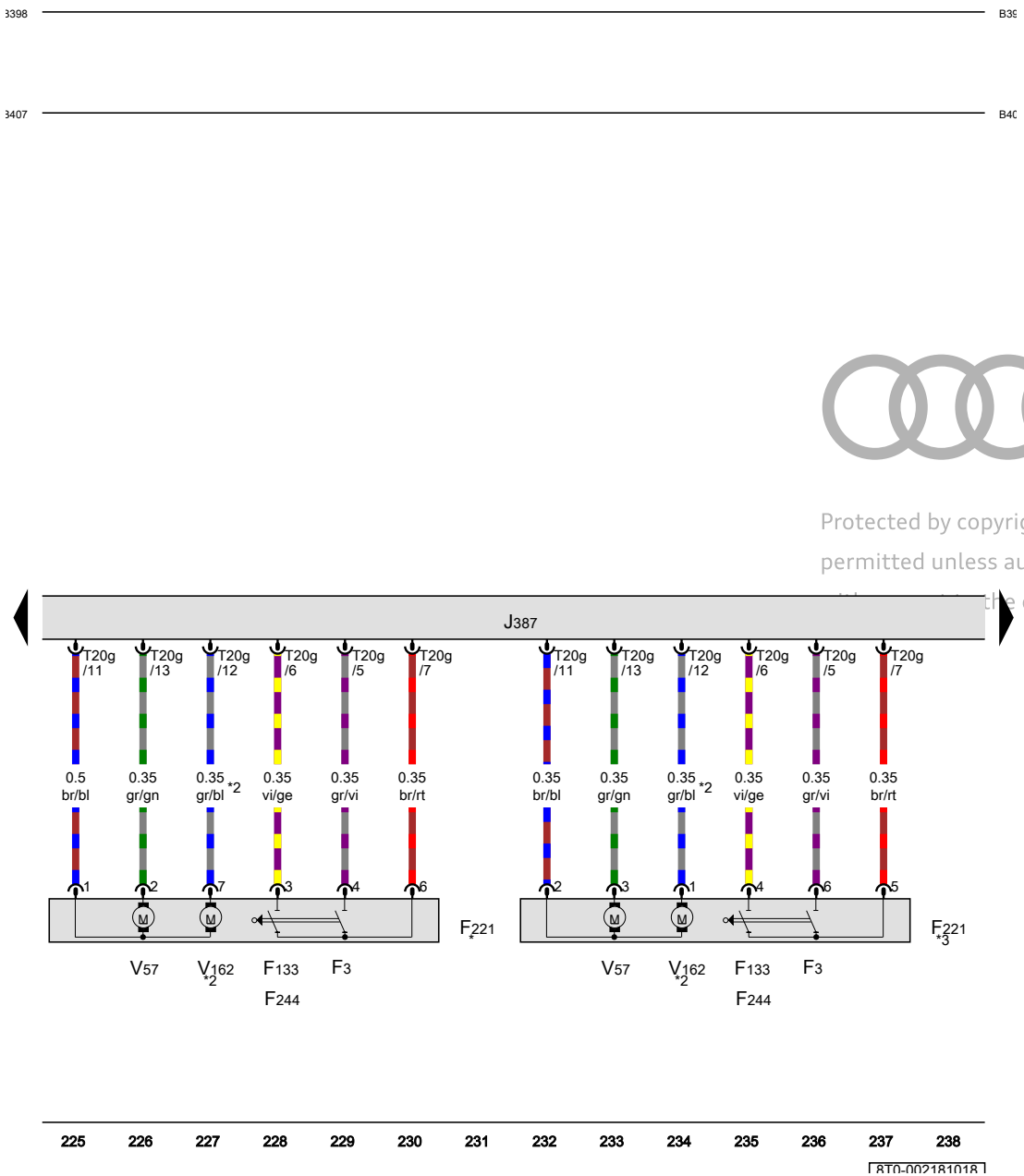


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Front passenger door control unit

J387	Front passenger door control unit
ST3	Fuse carrier 3
SF9	Fuse 9 in fuse holder F
SF11	Fuse 11 in fuse holder F
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	For left-hand drive models
*4	For right-hand drive models

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rt	=	red
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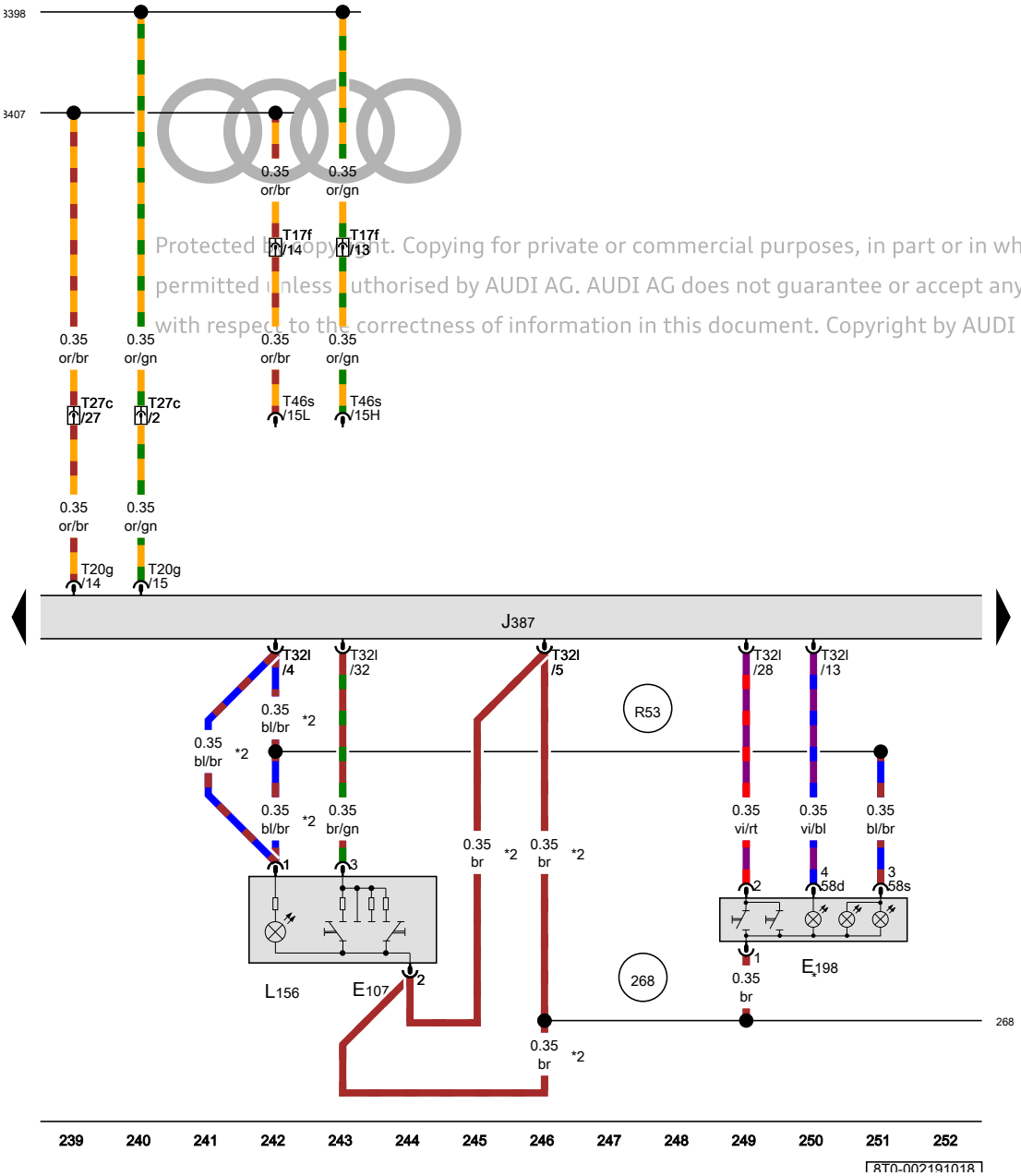


Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
F244	Front passenger door central locking actuator for SAFELOCK function
J387	Front passenger door control unit
T20g	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Gradually discontinued
*2	For models with SAFELOCK function
*3	gradual introduction

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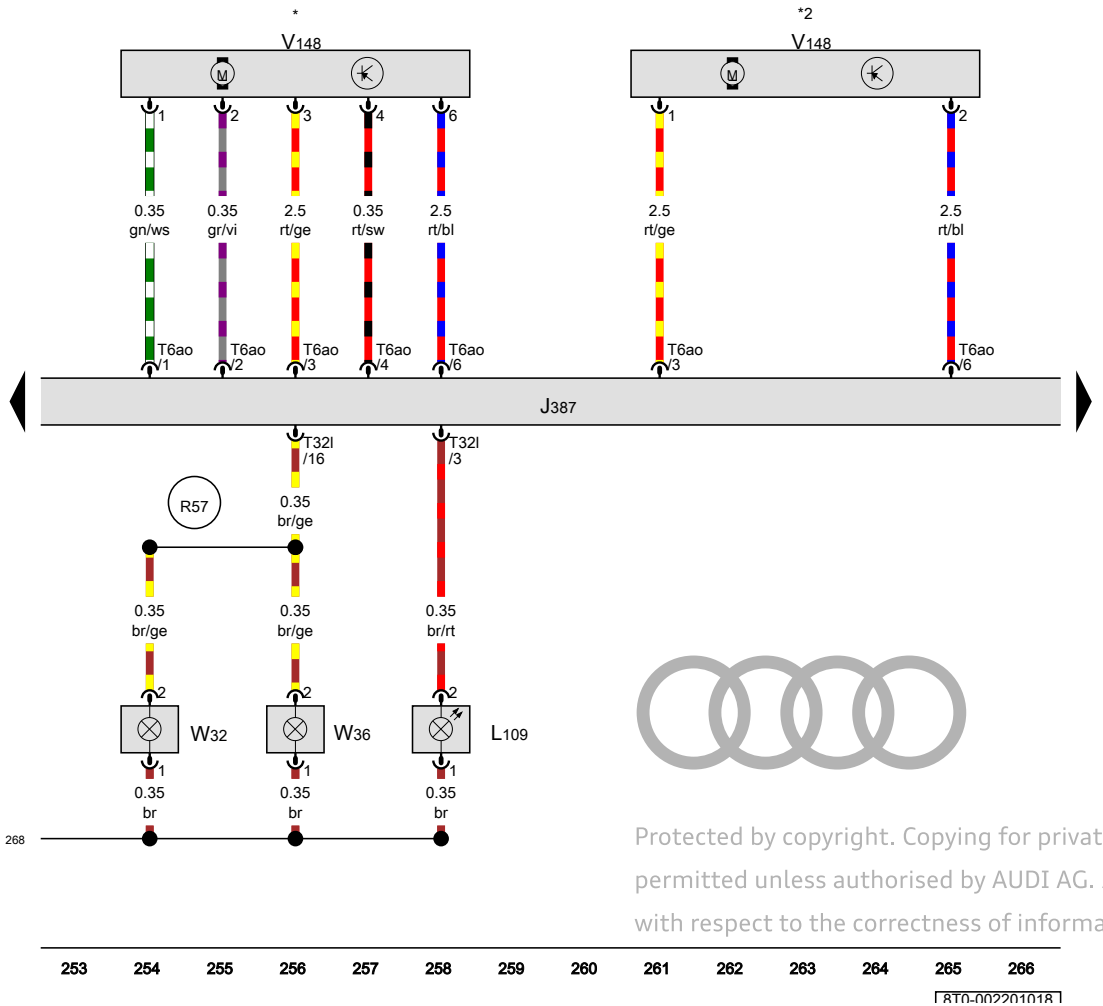
Window regulator switch in front passenger door, Front passenger side interior locking switch, Front passenger door control unit

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
L156	Switch illumination bulb
T17f	17-pin connector, brown
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32l	32-pin connector
T46s	46-pin connector
268	Earth connection 2, in front passenger side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R53	Connection (58s), in driver side door wiring harness
*	For models with front passenger side interior locking switch
*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 passenger door control unit, Front passenger door opener illumination bulb, Front passenger side window regulator motor, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T6ao	6-pin connector
T32l	32-pin connector
V148	Front passenger side window regulator motor
W32	Front right entry light
W36	Front passenger side door warning lamp
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
*	Gradually discontinued
*2	gradual introduction

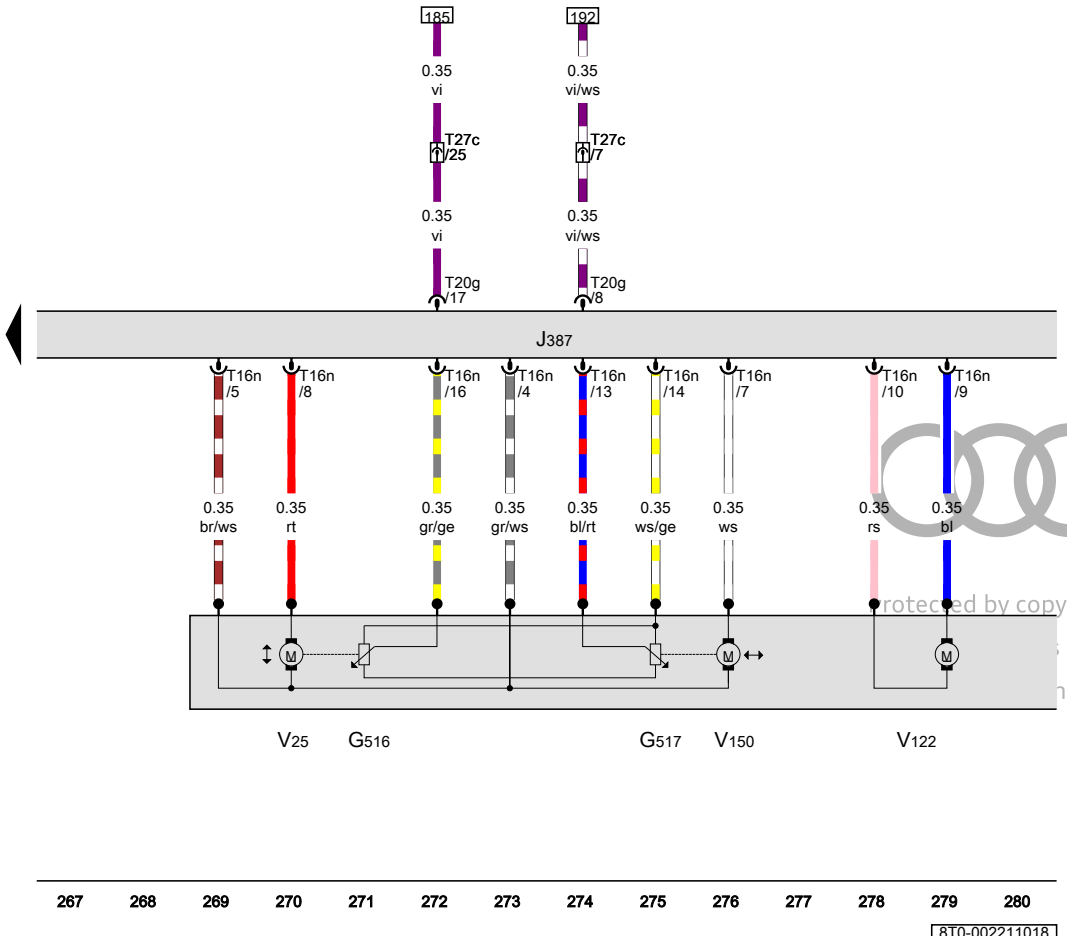


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Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger door control unit, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

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
T16n	16-pin connector
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor

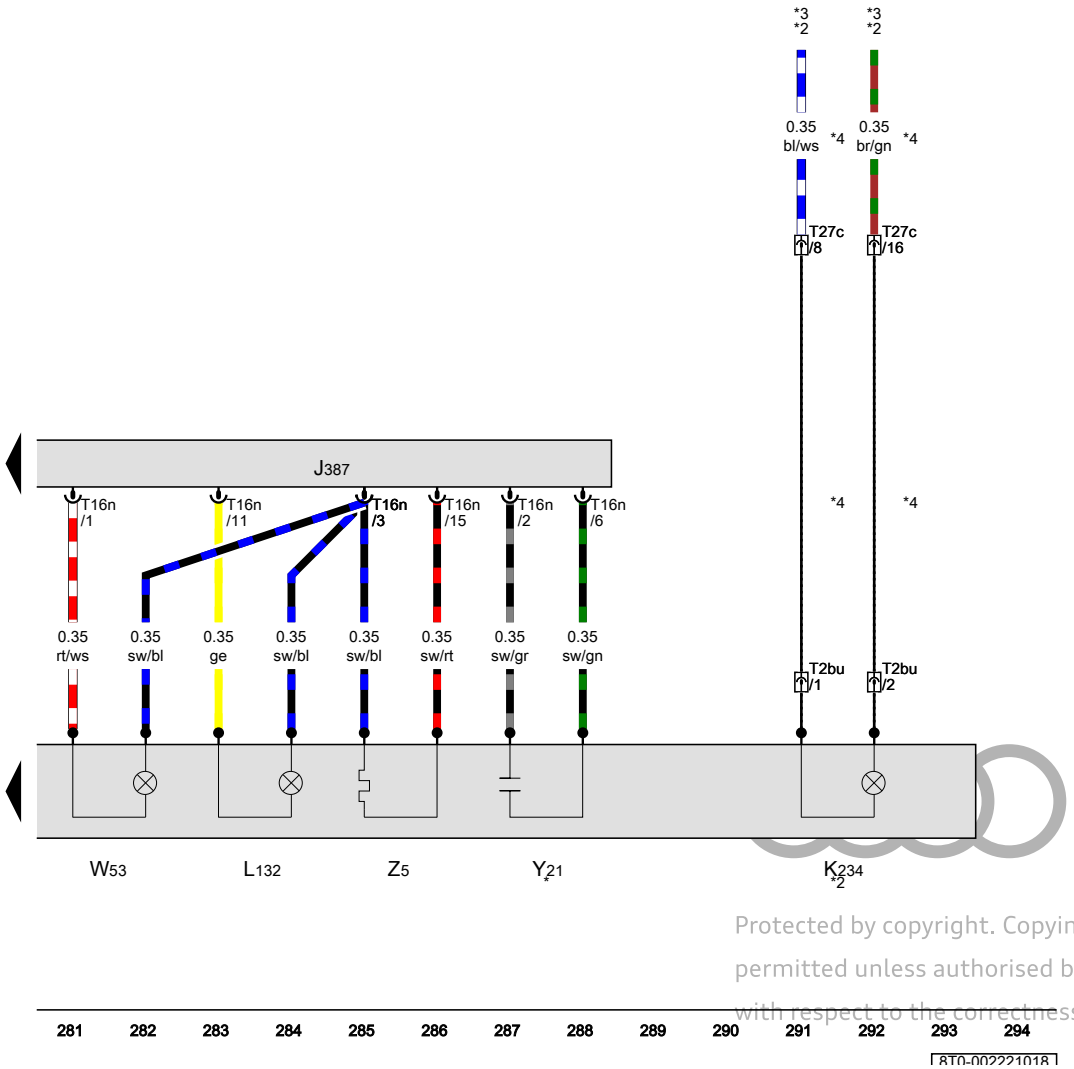


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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Front passenger side turn signal repeater bulb, Entry light in exterior mirror, passenger side, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

J387	Front passenger door control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
L132	Front passenger side turn signal repeater bulb
T2bu	2-pin connector, black
T16n	16-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
W53	Entry light in exterior mirror, passenger side
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
*	For models with automatic anti-dazzle exterior mirror
*2	For models with lane change assist
*3	see applicable current flow diagram
*4	Wiring colour depends on equipment

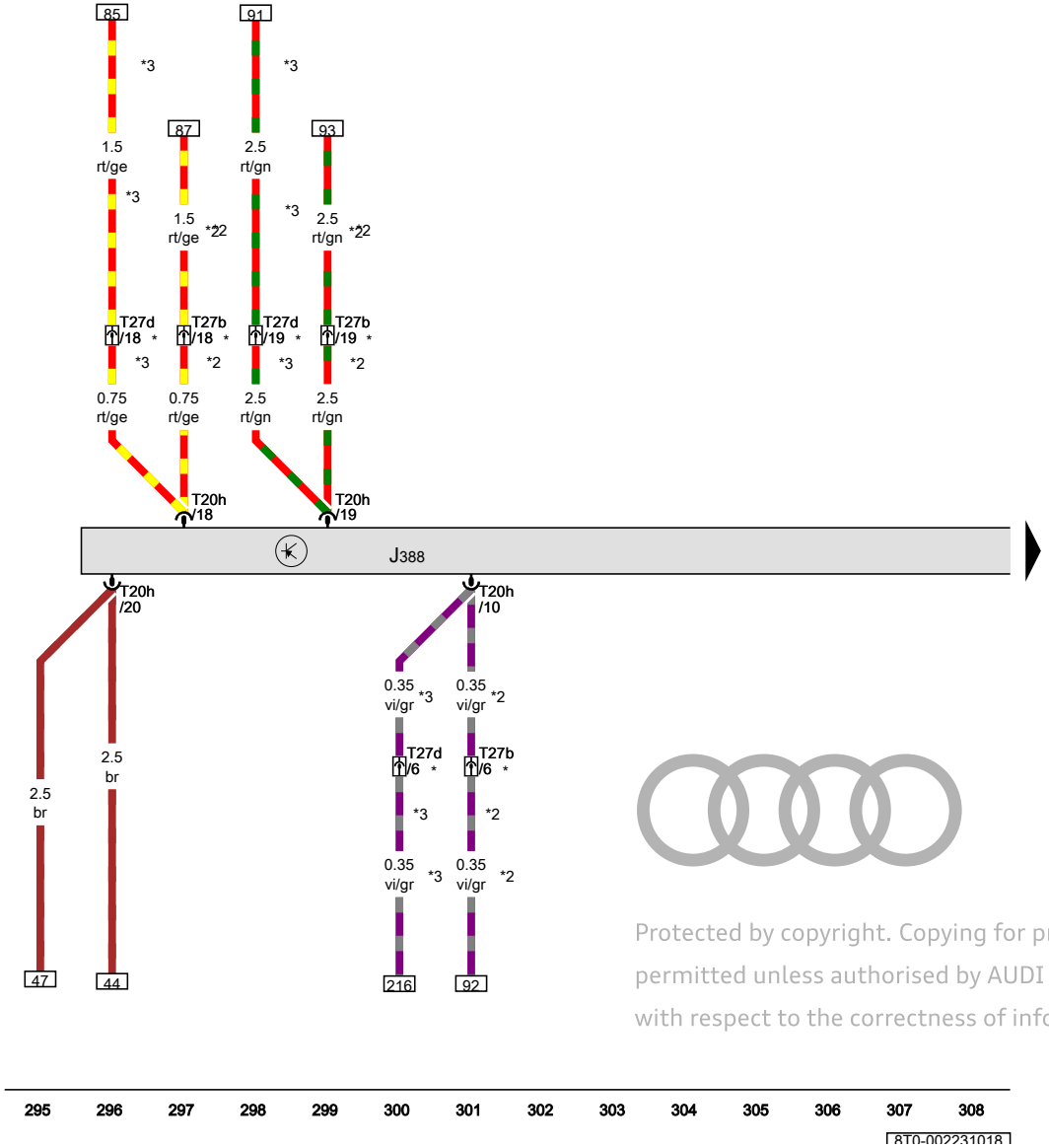


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Rear left door control unit

J388	Rear left door control unit
T20h	20-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
*	For models with 5 doors
*2	For left-hand drive models
*3	For right-hand drive models

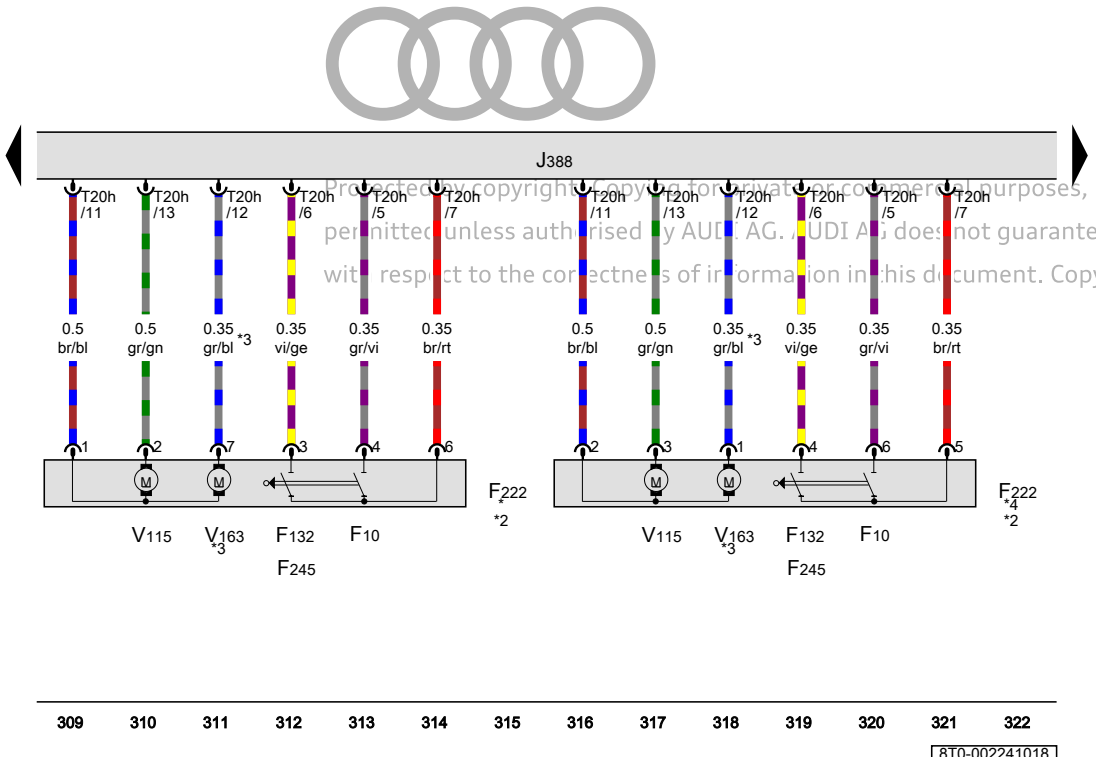


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Rear left central locking lock unit, Rear left door control unit

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
J388	Rear left door control unit
T20h	20-pin connector
V115	Rear left door central locking motor
V163	Rear left door central locking SAFELOCK function motor
*	Gradually discontinued
*2	For models with 5 doors
*3	For models with SAFELOCK function
*4	gradual introduction



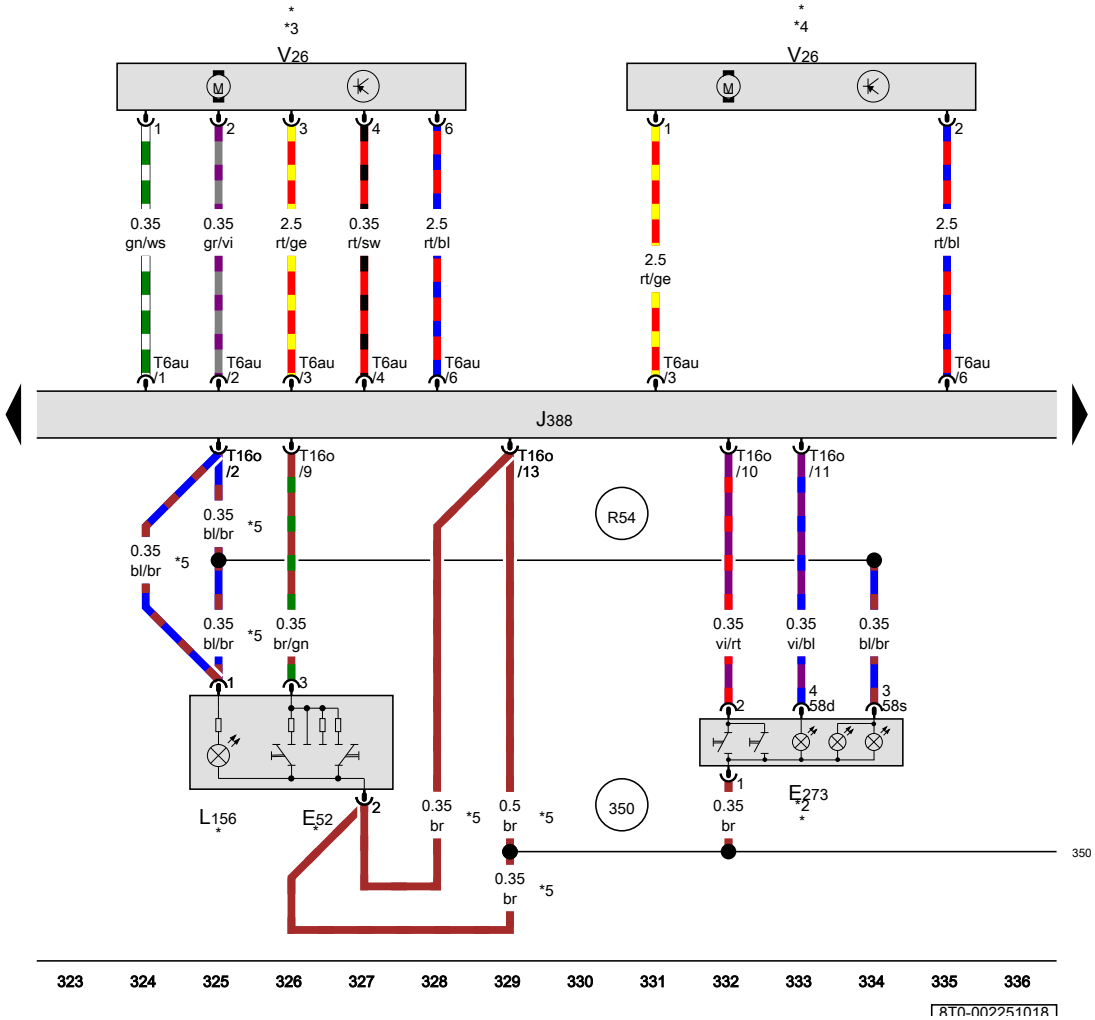
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Rear left window regulator switch, in door, Rear left interior locking switch, Rear left door control unit, Rear left window regulator motor

E52	Rear left window regulator switch, in door
E273	Rear left interior locking switch
J388	Rear left door control unit
L156	Switch illumination bulb
T6au	6-pin connector
T16o	16-pin connector
V26	Rear left window regulator motor
350	Earth connection 2, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	For models with 5 doors
*2	For models with US equipment
*3	Gradually discontinued
*4	gradual introduction
*5	According to equipment
*6	For right-hand drive models

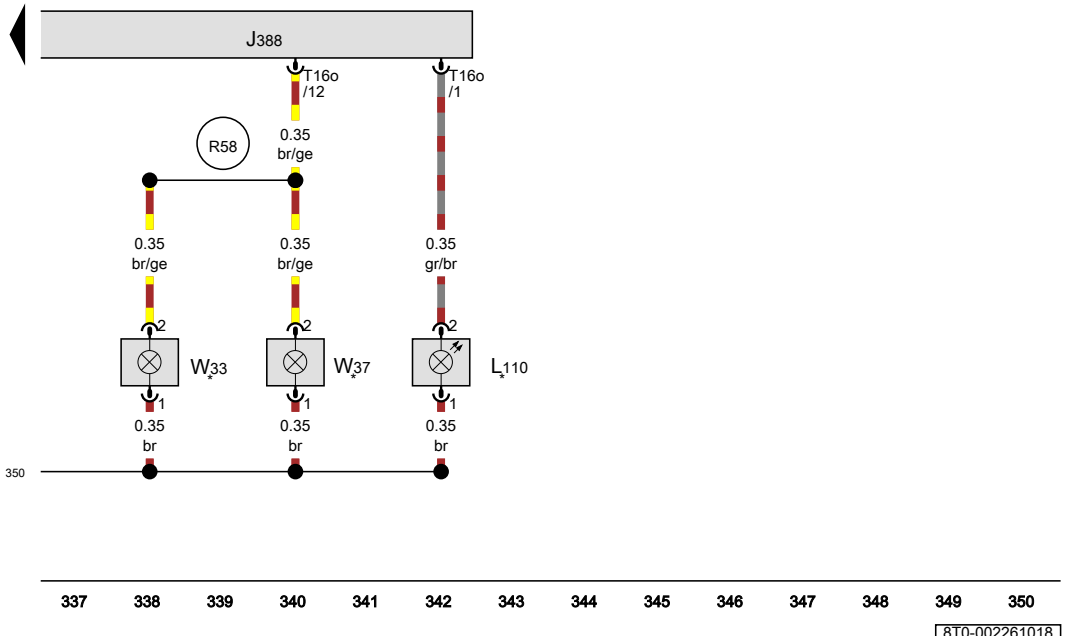


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Rear left door control unit, Rear left door opener illumination bulb, Rear left entry light, Rear left door warning lamp

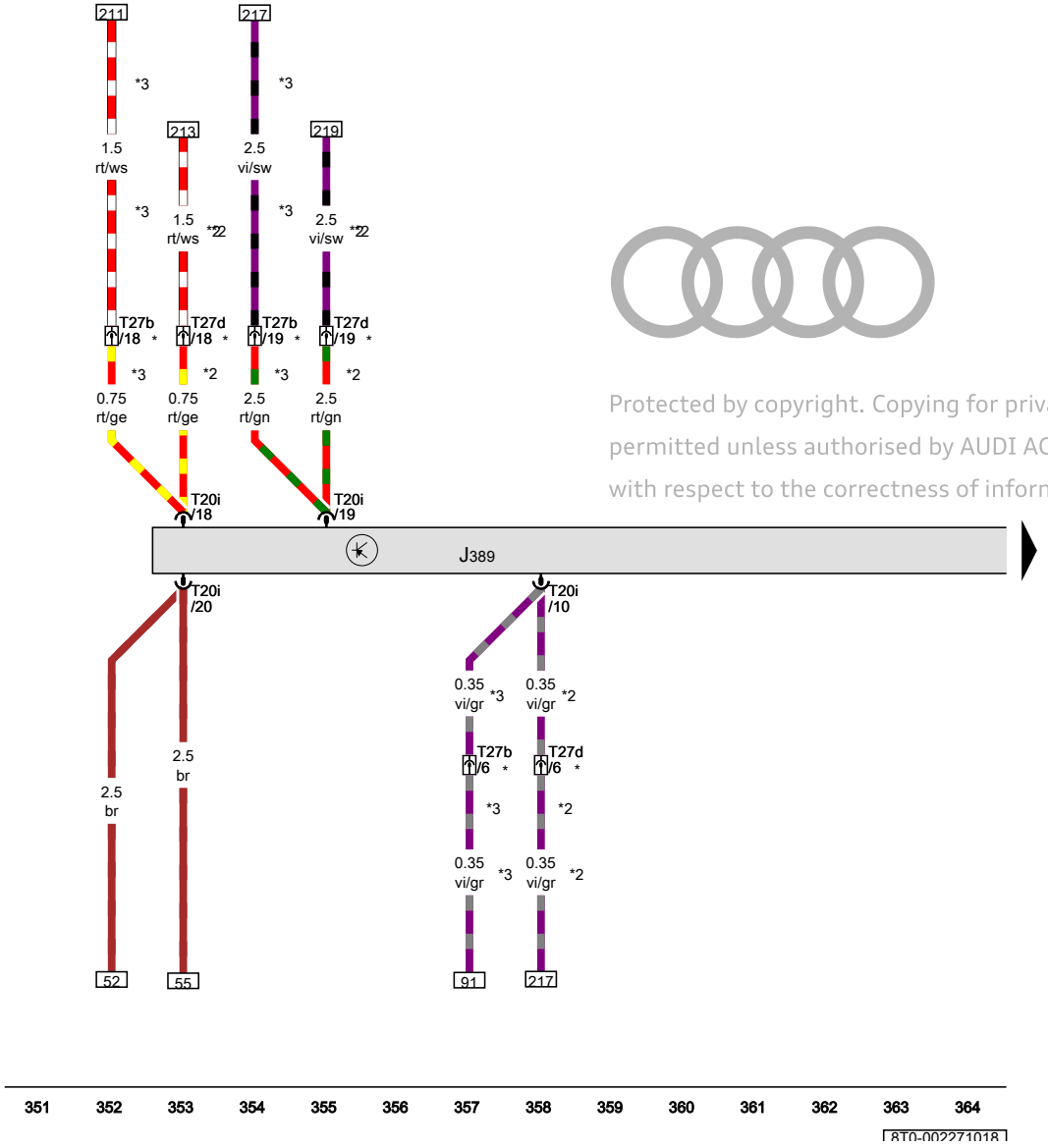
J388	Rear left door control unit
L110	Rear left door opener illumination bulb
T16o	16-pin connector
W33	Rear left entry light
W37	Rear left door warning lamp
350	Earth connection 2, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	For models with 5 doors
*2	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

Rear right door control unit

J389	Rear right door control unit
T20i	20-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
*	For models with 5 doors
*2	For left-hand drive models
*3	For right-hand drive models

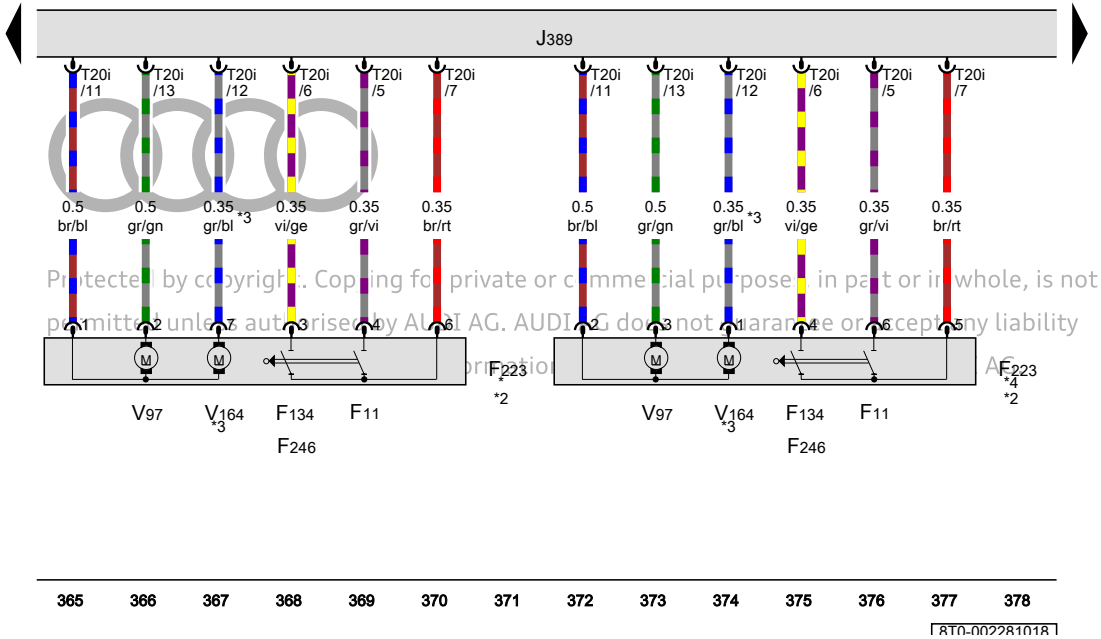


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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
F246	Rear right door central locking actuator for SAFELOCK function
J389	Rear right door control unit
T20i	20-pin connector
V97	Rear right door central locking motor
V164	Rear right door central SAFELOCK function locking motor
*	Gradually discontinued
*2	For models with 5 doors
*3	For models with SAFELOCK function
*4	gradual introduction



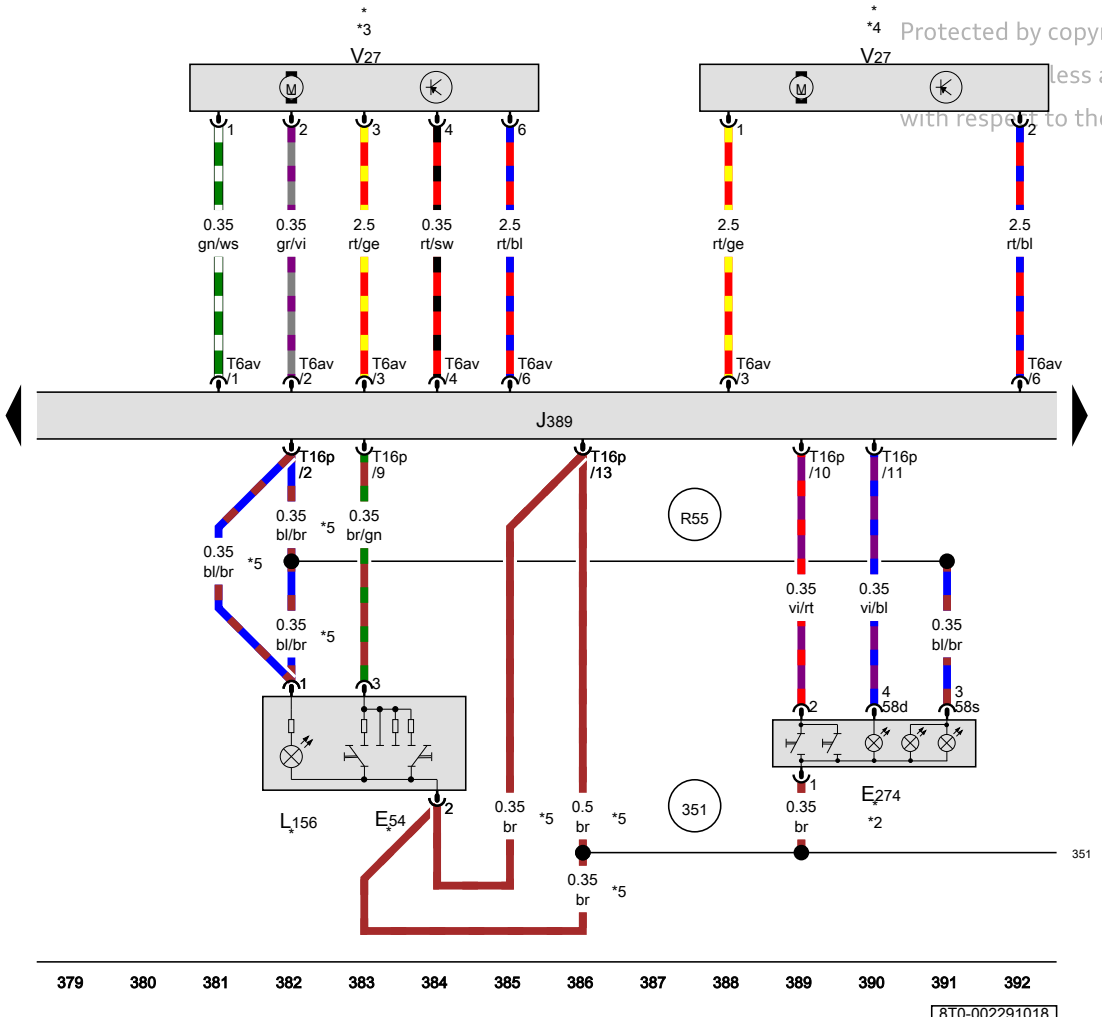
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or	=	orange
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Rear right window regulator switch, in door, Rear right interior locking switch, Rear right door control unit, Rear right window regulator motor

E54	Rear right window regulator switch, in door
E274	Rear right interior locking switch
J389	Rear right door control unit
L156	Switch illumination bulb
T6av	6-pin connector
T16p	16-pin connector
V27	Rear right window regulator motor
351	Earth connection 2, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	For models with 5 doors
*2	For models with interior locking switch
*3	Gradually discontinued
*4	gradual introduction
*5	According to equipment

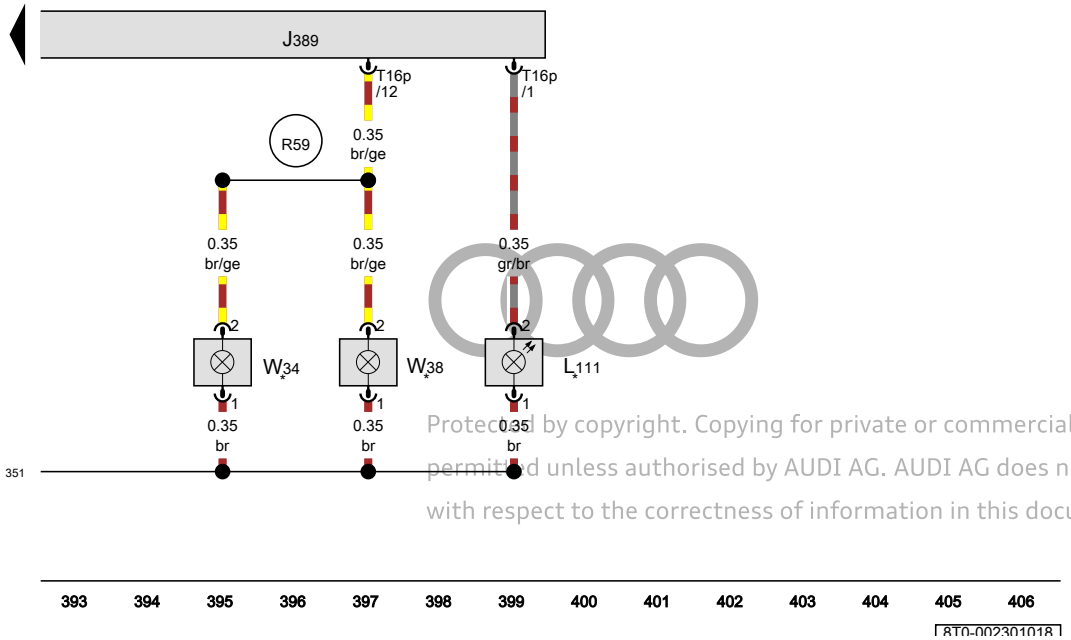
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rs	=	pink

Rear right door control unit, Rear right door opener illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T16p	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
351	Earth connection 2, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	For models with 5 doors



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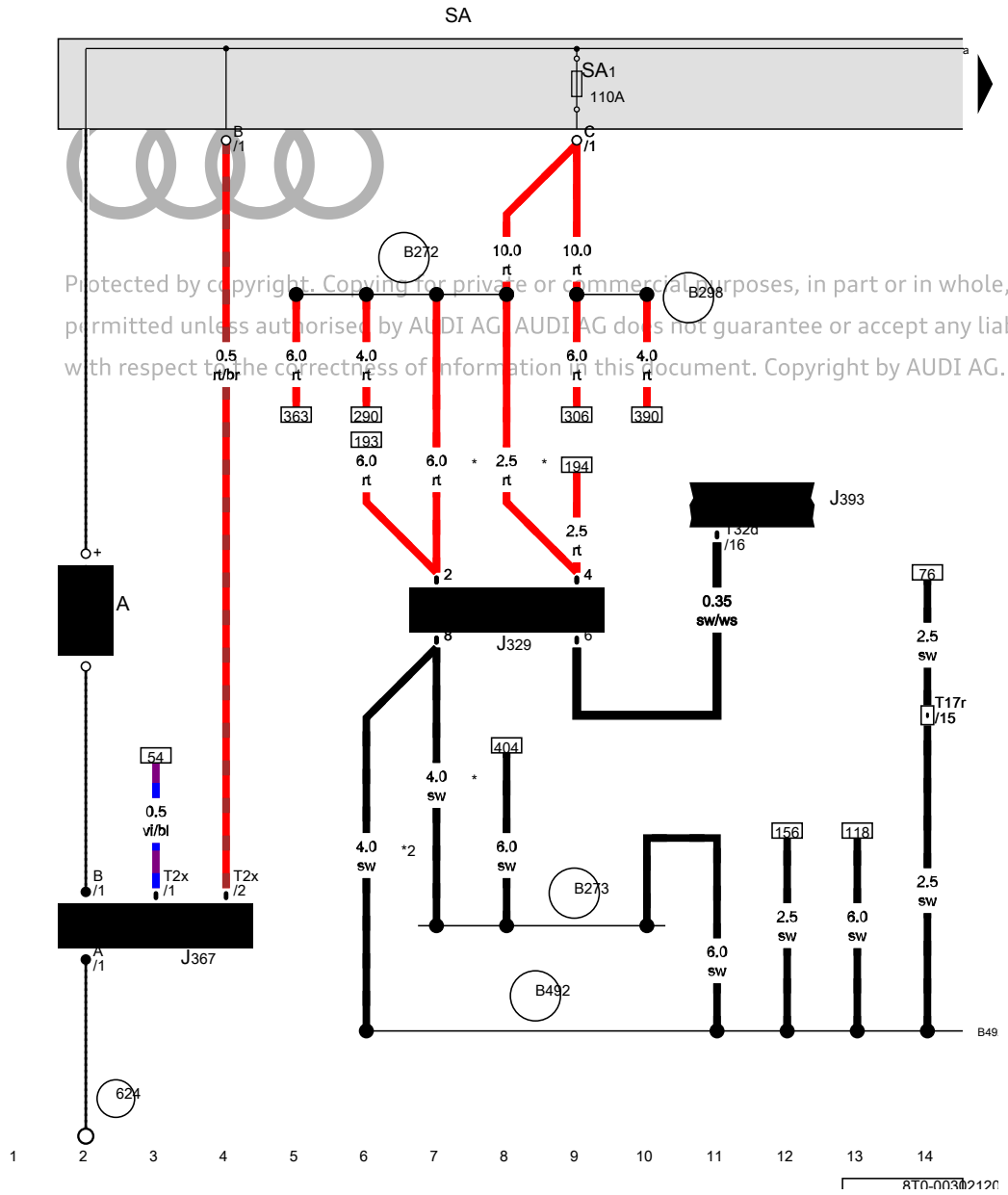
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or	=	orange
rs	=	pink

Fuse assignment

From June 2007



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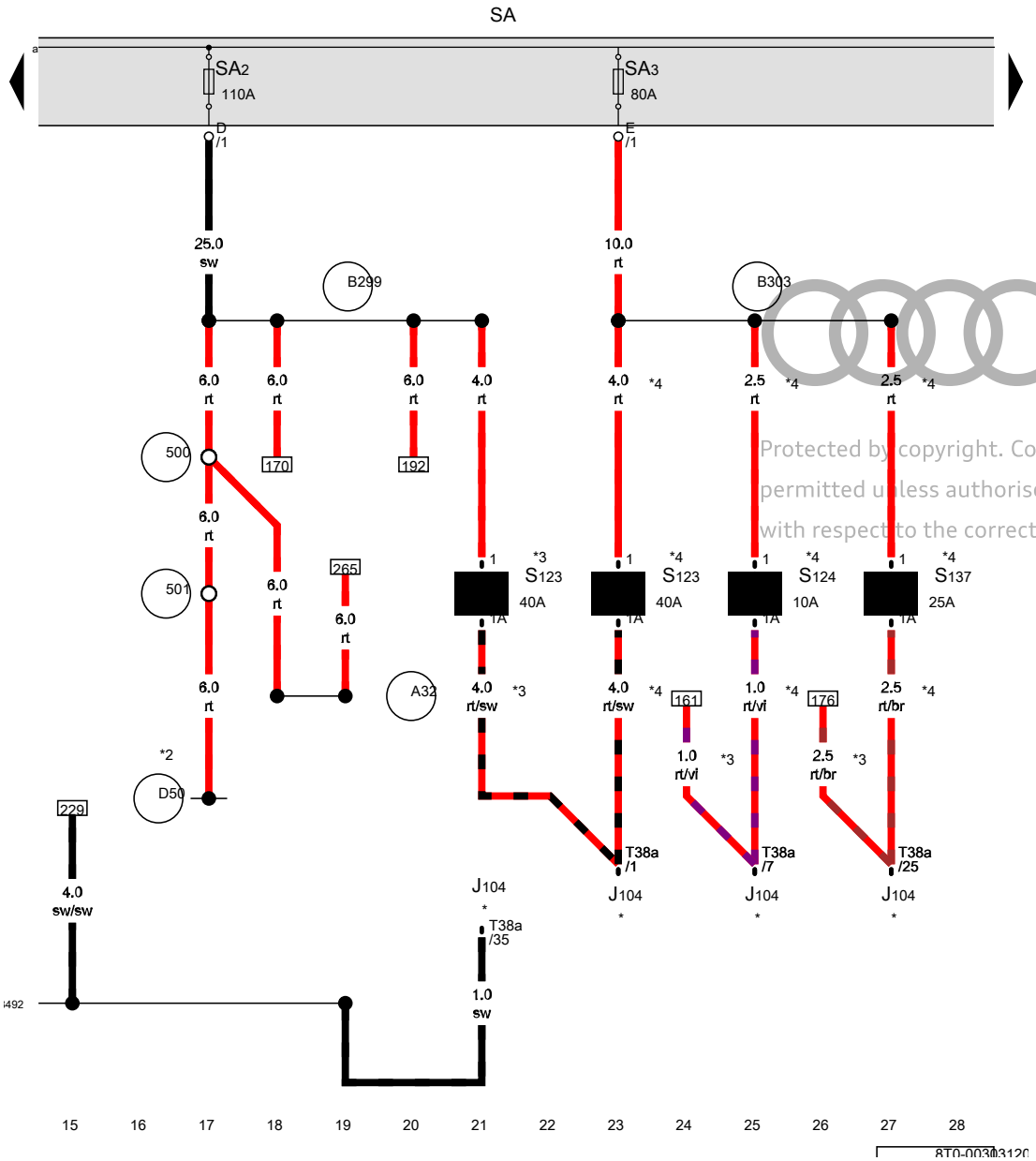


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Battery, Battery monitor control unit, Fuse 1 in fuse holder A

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA	Fuse holder A
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T17r	17-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B272	Positive connection (30), in main wiring harness
B273	Positive connection (15), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	Up to August 2007
*2	From September 2007

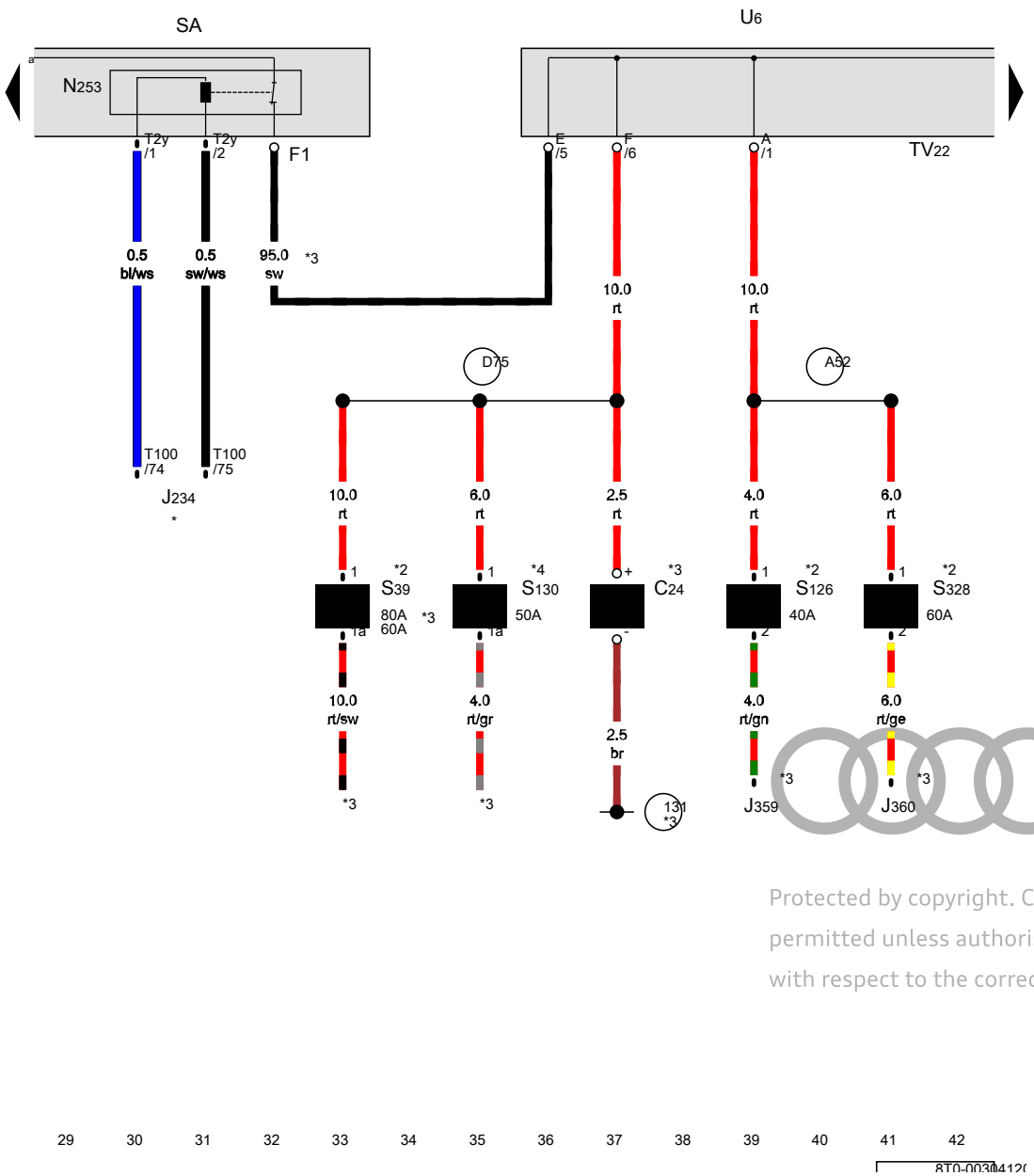


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Fuse 2 in fuse holder A, Fuse 3 in fuse holder A

J104	ABS control unit
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S137	ABS control unit fuse 3
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T38a	38-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for engine/ radiator fan
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	Only models with no start/stop system

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Battery isolation igniter, Terminal 30 wiring junction 2, Jump start socket

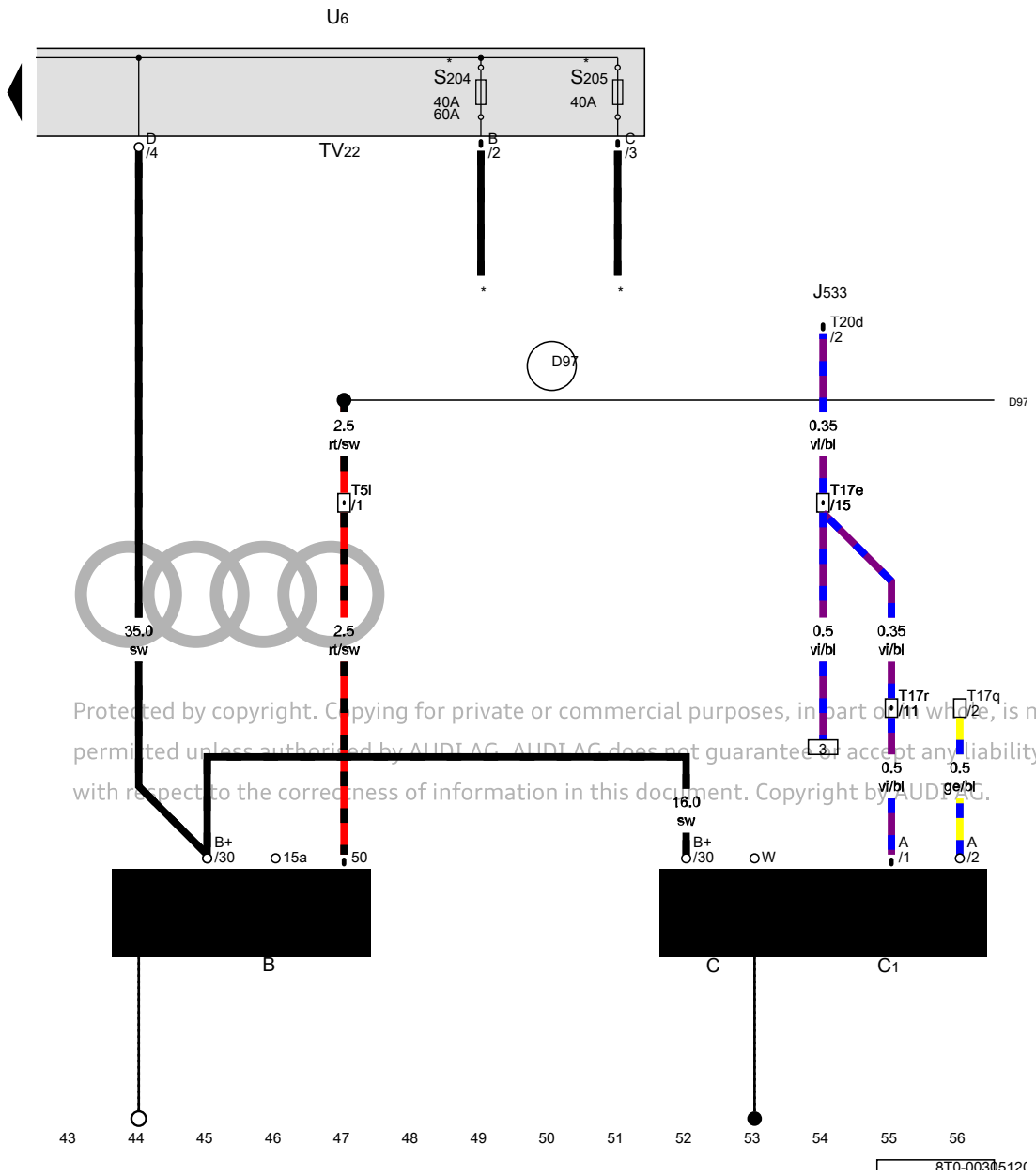
C24	Suppression filter
J234	Airbag control unit
J359	Low heat output relay
J360	High heat output relay
N253	Battery isolation igniter
S39	Engine glow plug strip fuse
S126	Auxiliary heater fuse
S130	Secondary air pump fuse
S328	Auxiliary heater fuse 2
SA	Fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for airbag
*2	Only models with diesel engines
*3	see applicable current flow diagram for engine
*4	Only models with petrol engine

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Starter, Alternator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J533	Data bus diagnostic interface
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17q	17-pin connector, black
T17r	17-pin connector, white
T20d	20-pin connector
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for radiator fan

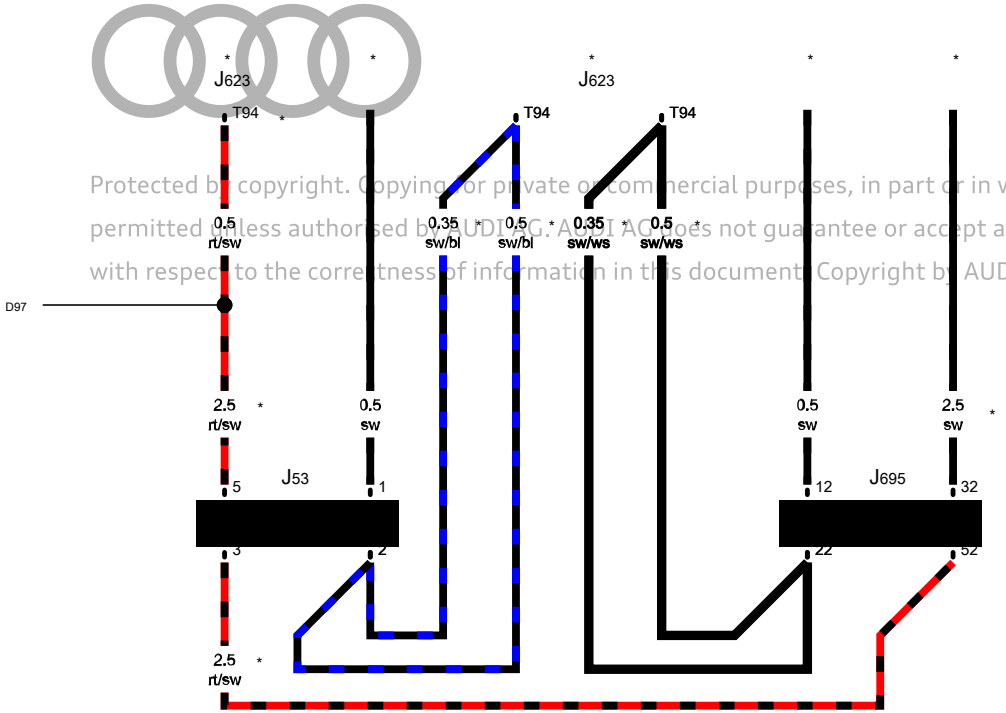


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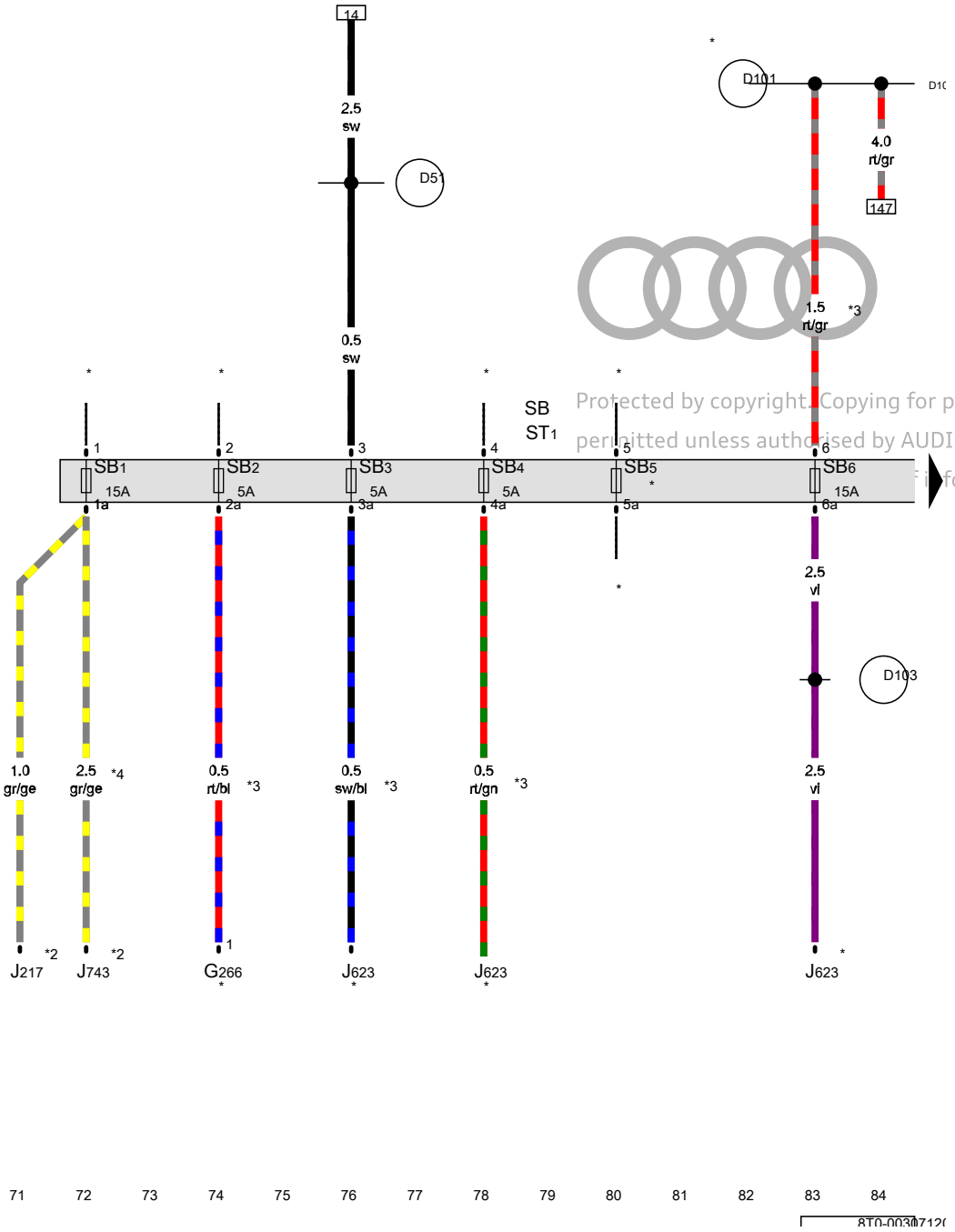
Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
T94	94-pin connector
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for engine



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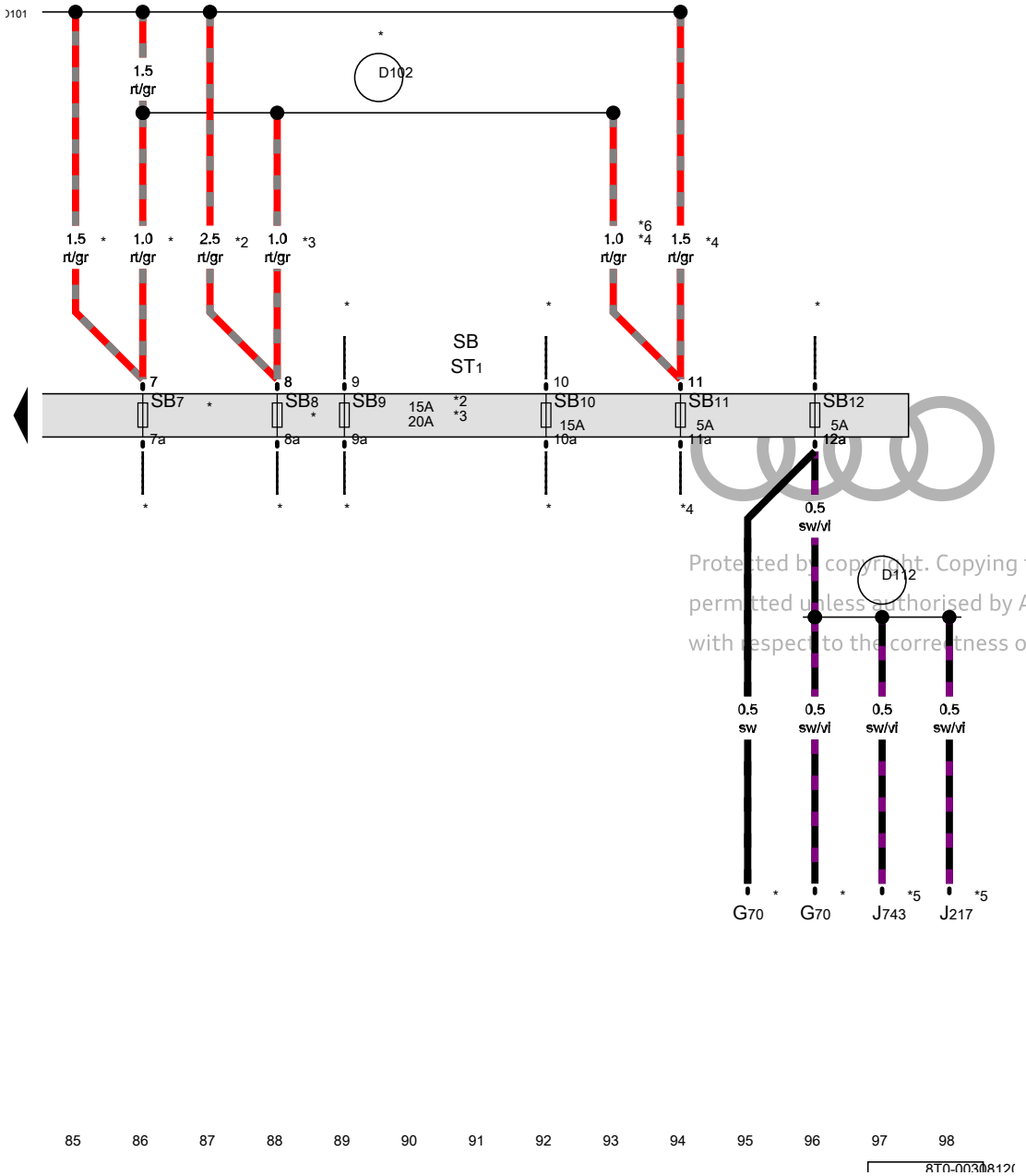


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Fuse holder B, Fuse carrier 1

G266	Oil level and oil temperature sender
J217	Automatic gearbox control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
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
SB6	Fuse 6 on fuse holder B
T1	Single connector
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
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for gearbox
*3	According to equipment
*4	Cross-section 1.5 possible

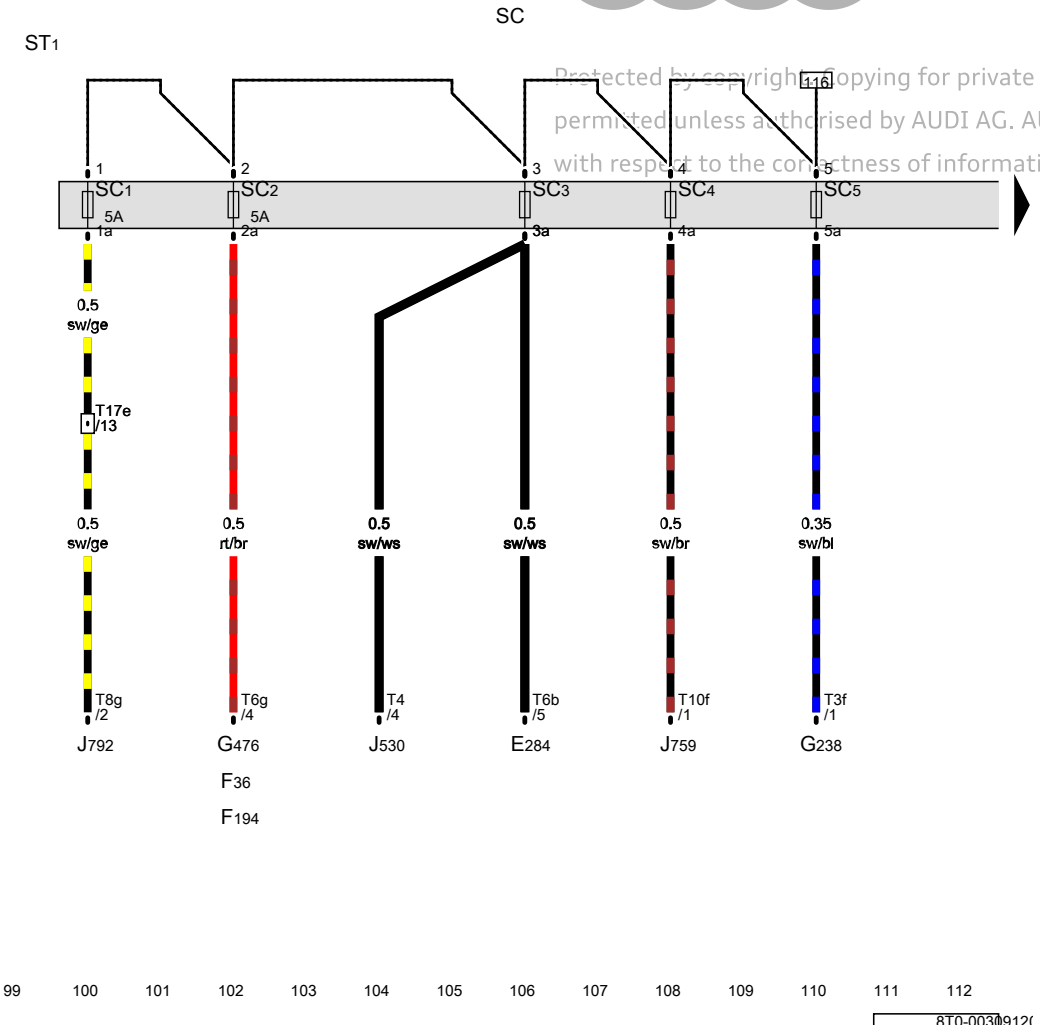


Fuse holder B, Fuse carrier 1

G70	Air mass meter
J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
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
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with petrol engine
*3	Only models with diesel engines
*4	see applicable current flow diagram for radiator fan
*5	see applicable current flow diagram for gearbox
*6	Cross-section 1.5 possible

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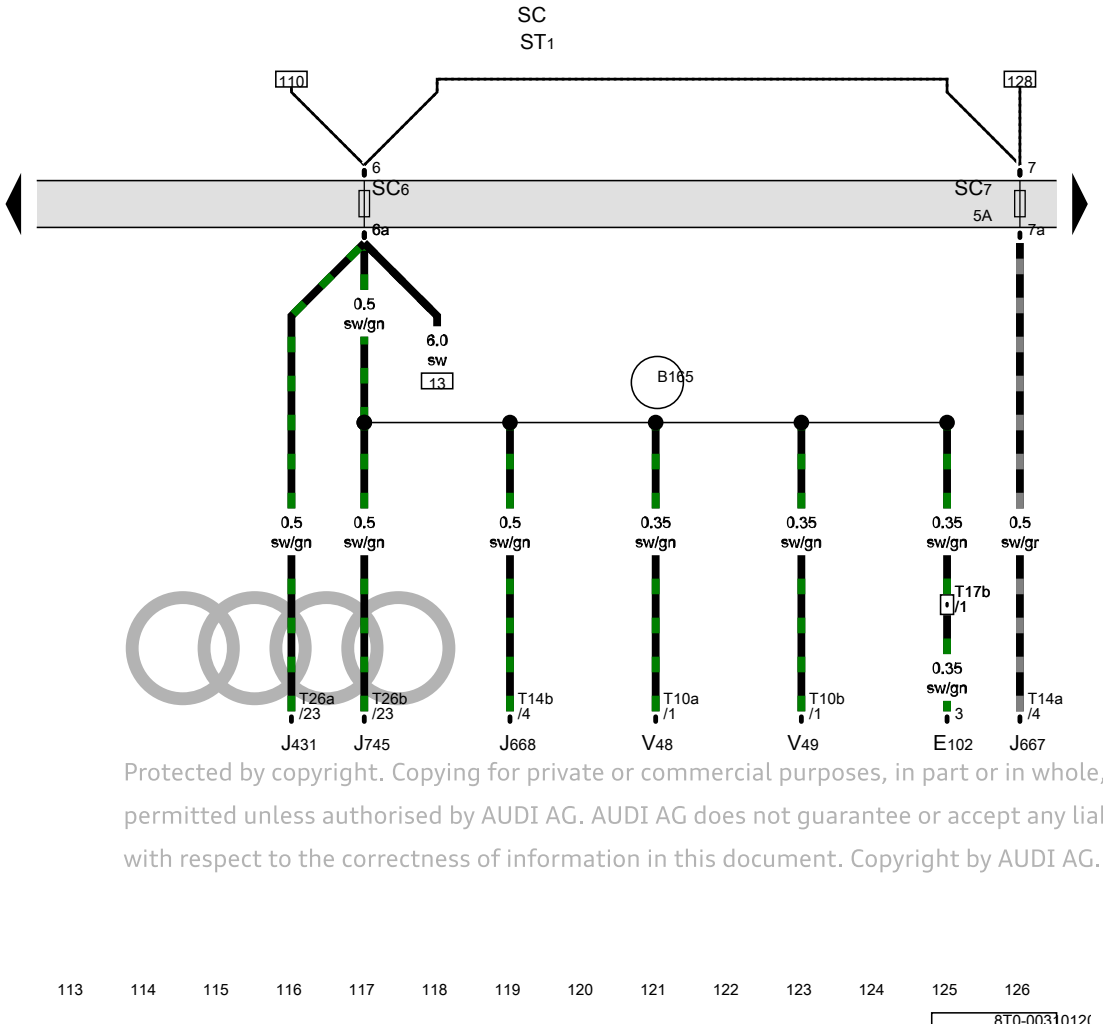


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Fuse holder C, Fuse carrier 1

E284	Garage door operating unit
F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G238	Air quality sensor
G476	Clutch position sender
J530	Garage door operation control unit
J759	Lane departure warning control unit
J792	Active steering control unit
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T3f	3-pin connector
T4	4-pin connector
T6b	6-pin connector
T6g	6-pin connector
T8g	8-pin connector
T10f	10-pin connector
T17e	17-pin connector, red

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Fuse holder C, Fuse carrier 1

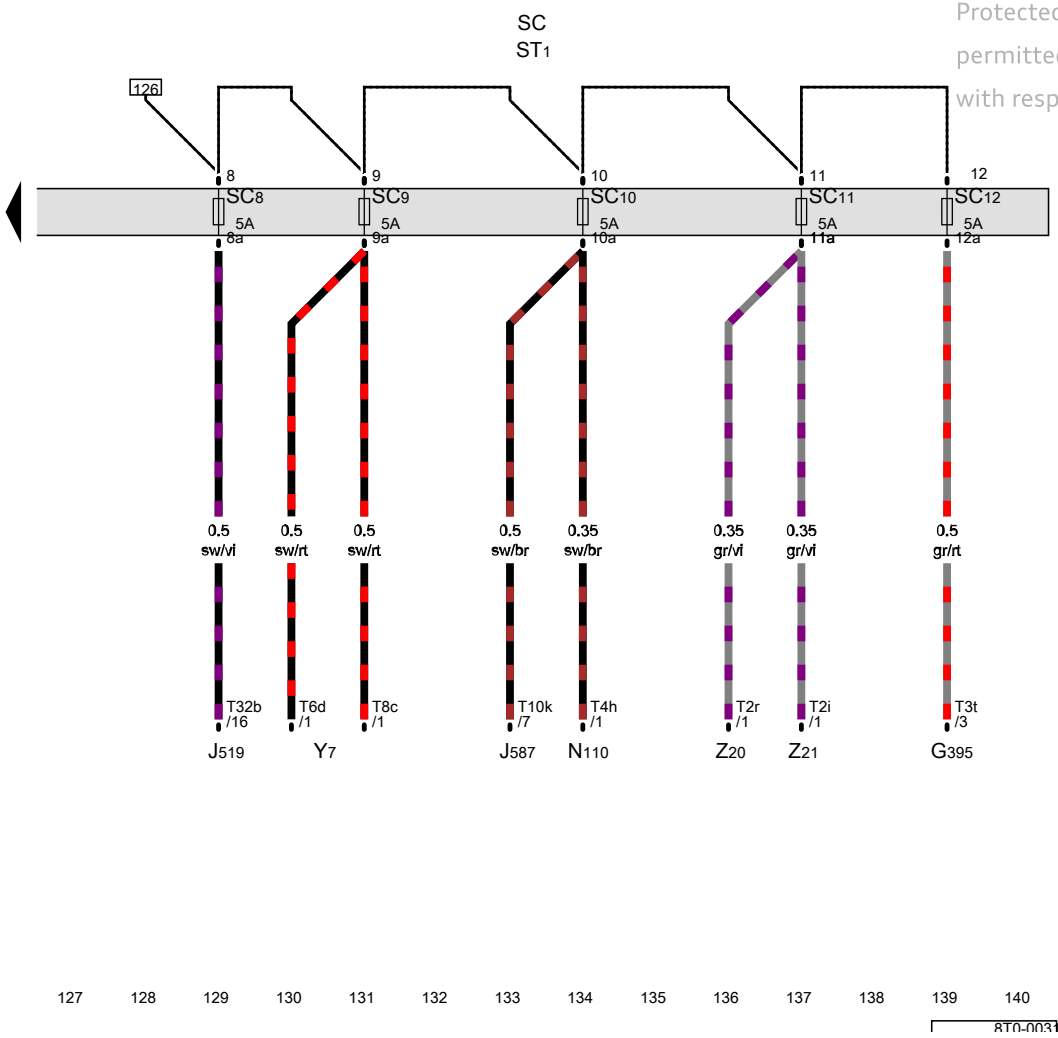
E102	Headlight range control regulator
J431	Headlight range control unit
J667	Output module for left headlight
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
SC	Fuse holder C
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T10a	10-pin connector
T10b	10-pin connector
T14a	14-pin connector
T14b	14-pin connector
T17b	17-pin connector, blue
T26a	26-pin connector
T26b	26-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness

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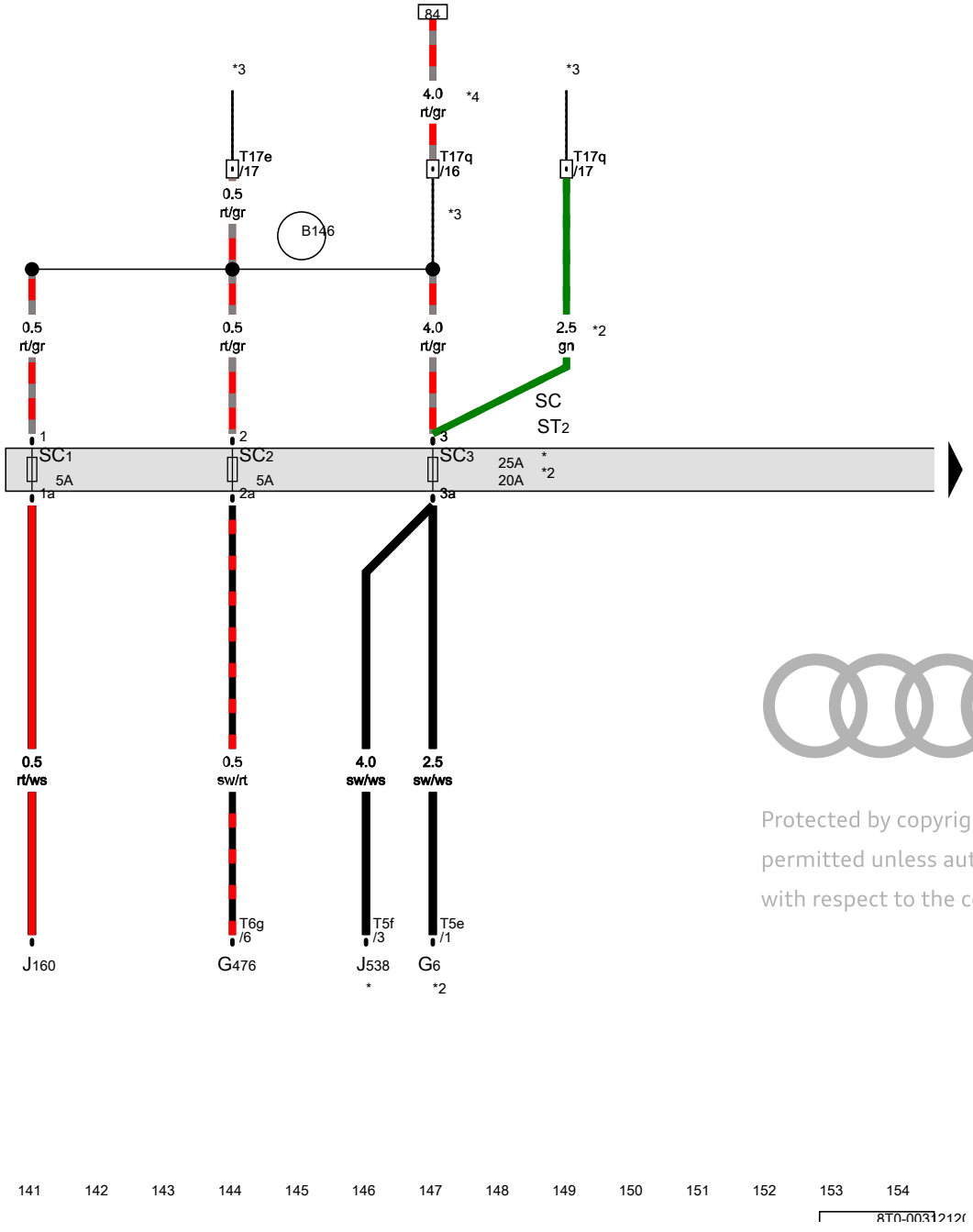
Fuse holder C, Fuse carrier 1

G395	Refrigerant pressure and temperature sender
J519	Onboard supply control unit
J587	Selector lever sensors control unit
N110	Selector lever lock solenoid
SC	Fuse holder C
ST1	Fuse carrier 1
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
T2i	2-pin connector
T2r	2-pin connector
T3t	3-pin connector
T4h	4-pin connector
T6d	6-pin connector
T8c	8-pin connector
T10k	10-pin connector
T32b	32-pin connector
Y7	Automatic anti-dazzle interior mirror
Z20	Left washer jet heater element
Z21	Right washer jet heater element

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Fuse holder C, Fuse carrier 2

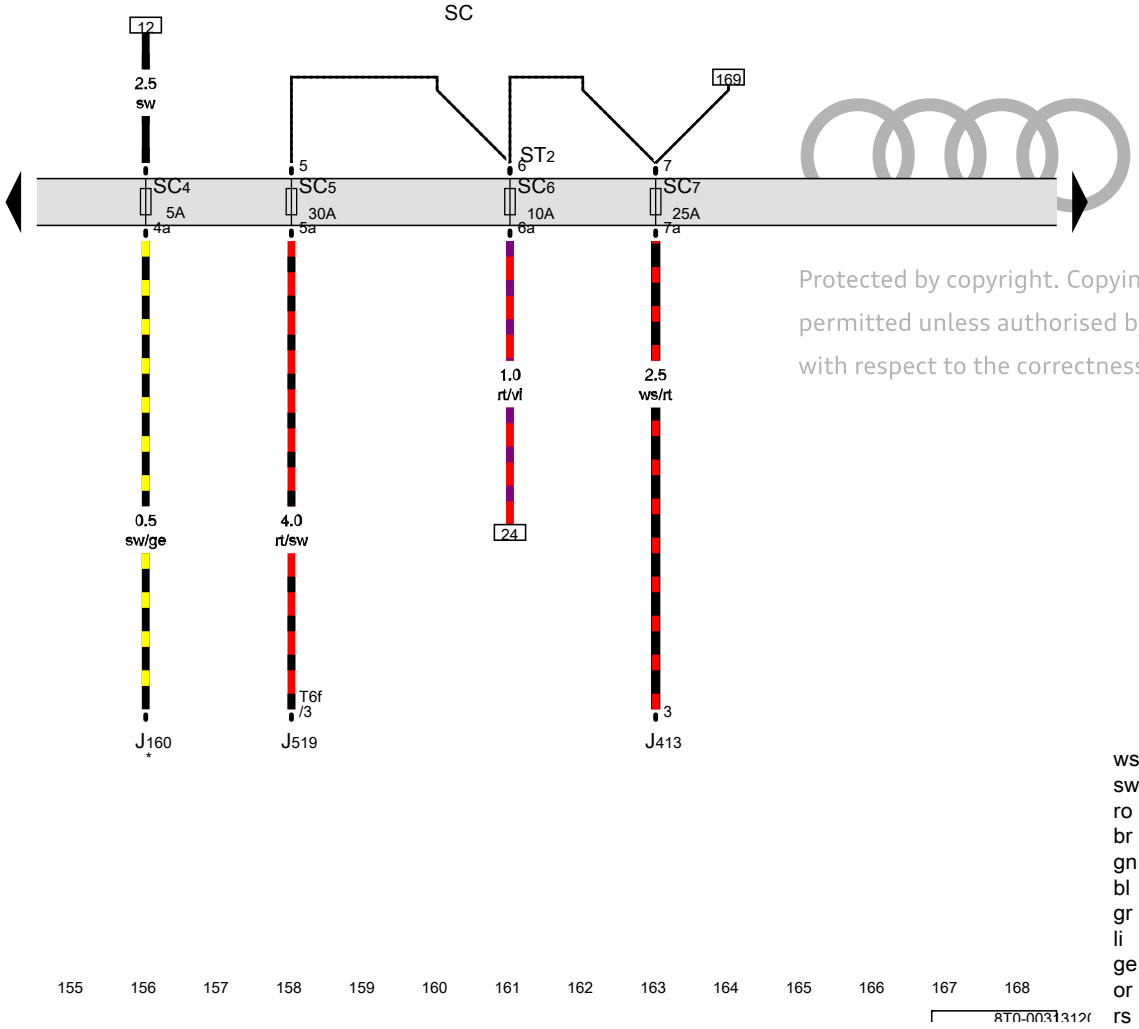
G6	Fuel system pressurisation pump
G476	Clutch position sender
J160	Circulation pump relay
J538	Fuel pump control unit
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T5e	5-pin connector
T5f	5-pin connector
T6g	6-pin connector
T17e	17-pin connector, in left A-pillar coupling station
T17q	17-pin connector, in E-box
B146	Positive connection 1 (87), in interior wiring harness
*	Only models with petrol engine
*2	Only models with diesel engines
*3	see applicable current flow diagram for engine
*4	According to equipment

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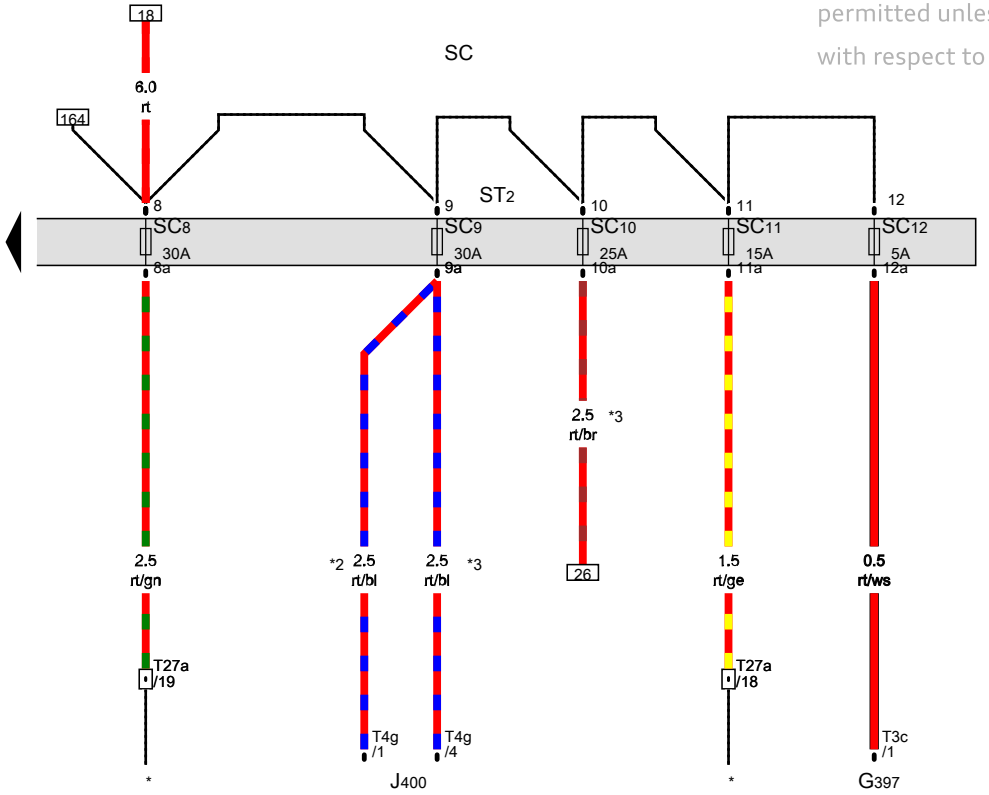
Fuse holder C, Fuse carrier 2

J160	Circulation pump relay
J413	Horn relay
J519	Onboard supply control unit
SC	Fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T6f	6-pin connector
*	see applicable current flow diagram for engine



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Fuse holder C, Fuse carrier 2

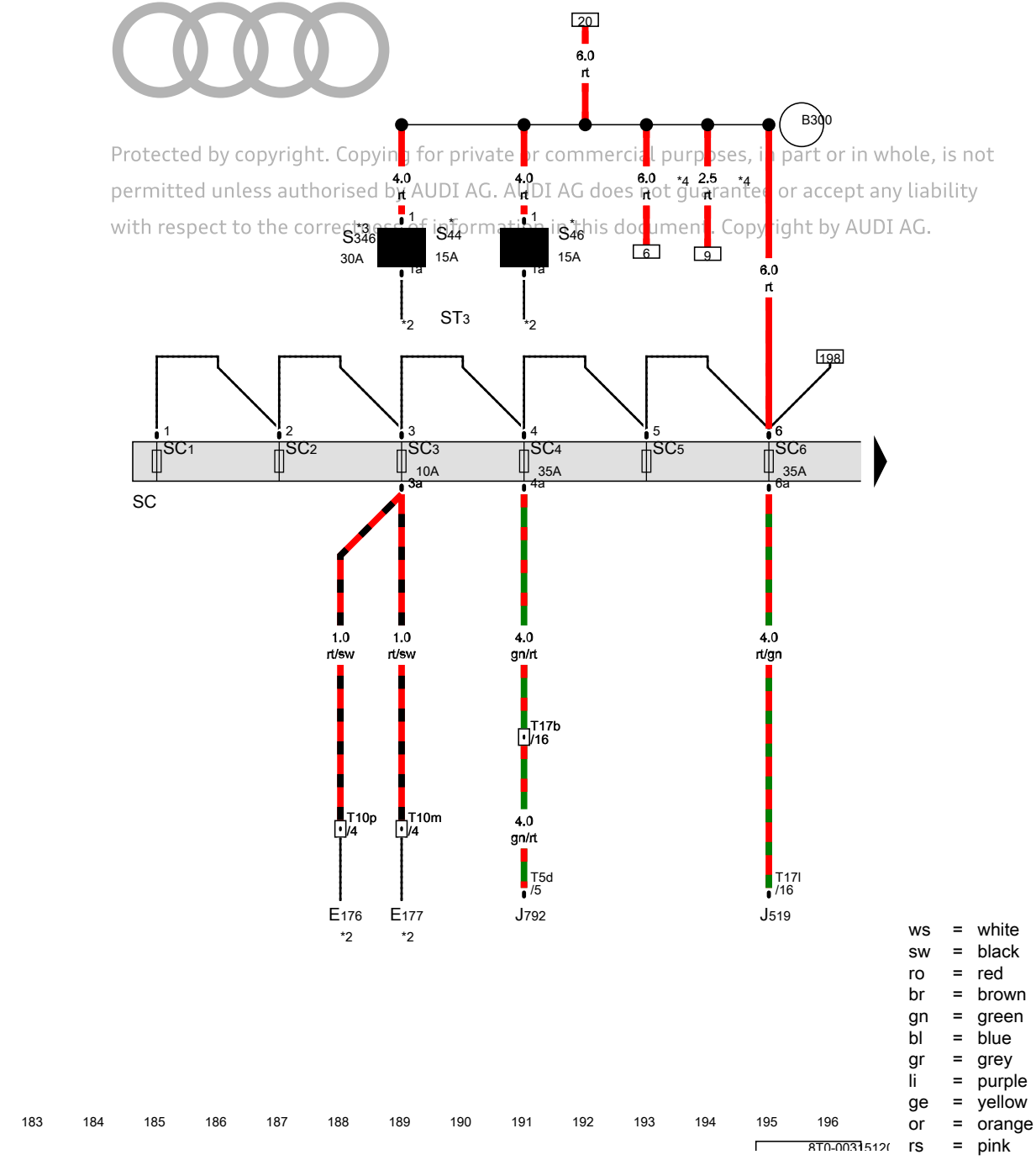
G397	Rain and light sensor
J400	Wiper motor control unit
SC	Fuse holder C
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC11	Fuse 11 on fuse holder C
SC12	Fuse 12 on fuse holder C
T3c	3-pin connector
T4g	4-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
*	see applicable current flow diagram for convenience system
*2	Only right-hand drive models
*3	Only left-hand drive models

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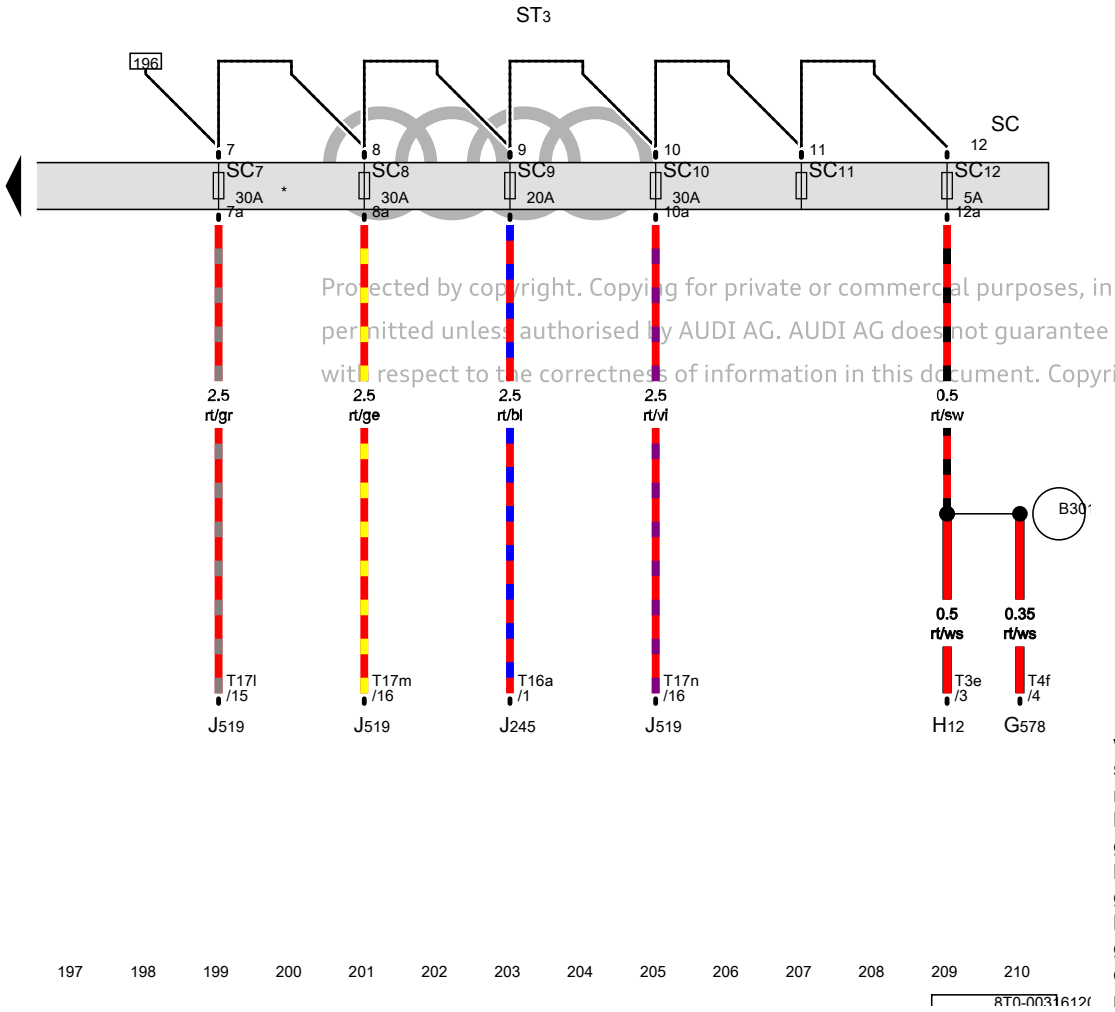
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Fuse holder C, Fuse carrier 3

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J519	Onboard supply control unit
J792	Active steering control unit
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST3	Fuse carrier 3
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S346	Thermal fuse for driver and front passenger seat
T5d	5-pin connector
T10m	10-pin connector, red
T10p	10-pin connector, red
T17b	17-pin connector, blue
T17l	17-pin connector
B300	Positive connection 4 (30), in main wiring harness
*	From July 2007
*2	see applicable current flow diagram for seat adjustment
*3	Up to June 2007
*4	From September 2007

Fuse holder C, Fuse carrier 3

G578	Anti-theft alarm sensor
H12	Alarm horn
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
SC	Fuse holder C
ST3	Fuse carrier 3
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
T3e	3-pin connector
T4f	4-pin connector
T16a	16-pin connector
T17l	17-pin connector
T17m	17-pin connector
T17n	17-pin connector
B301	Positive connection 5 (30), in main wiring harness
*	According to equipment

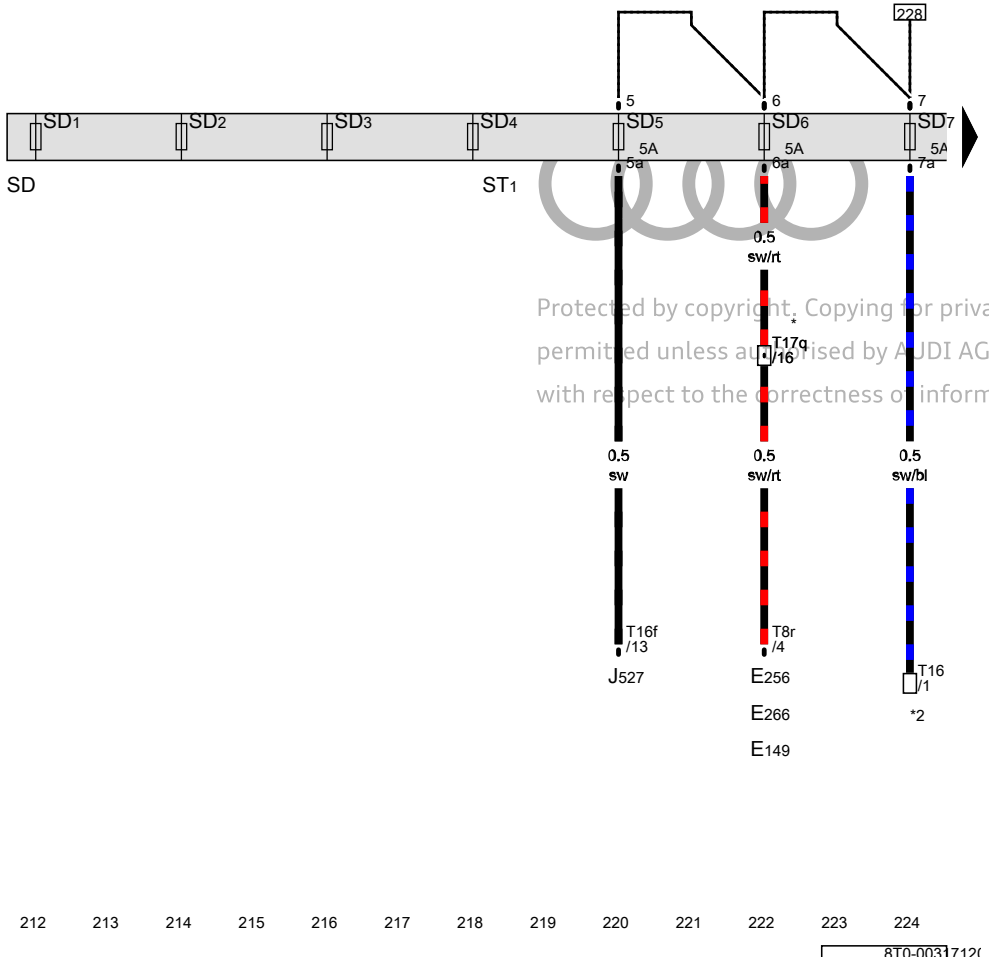


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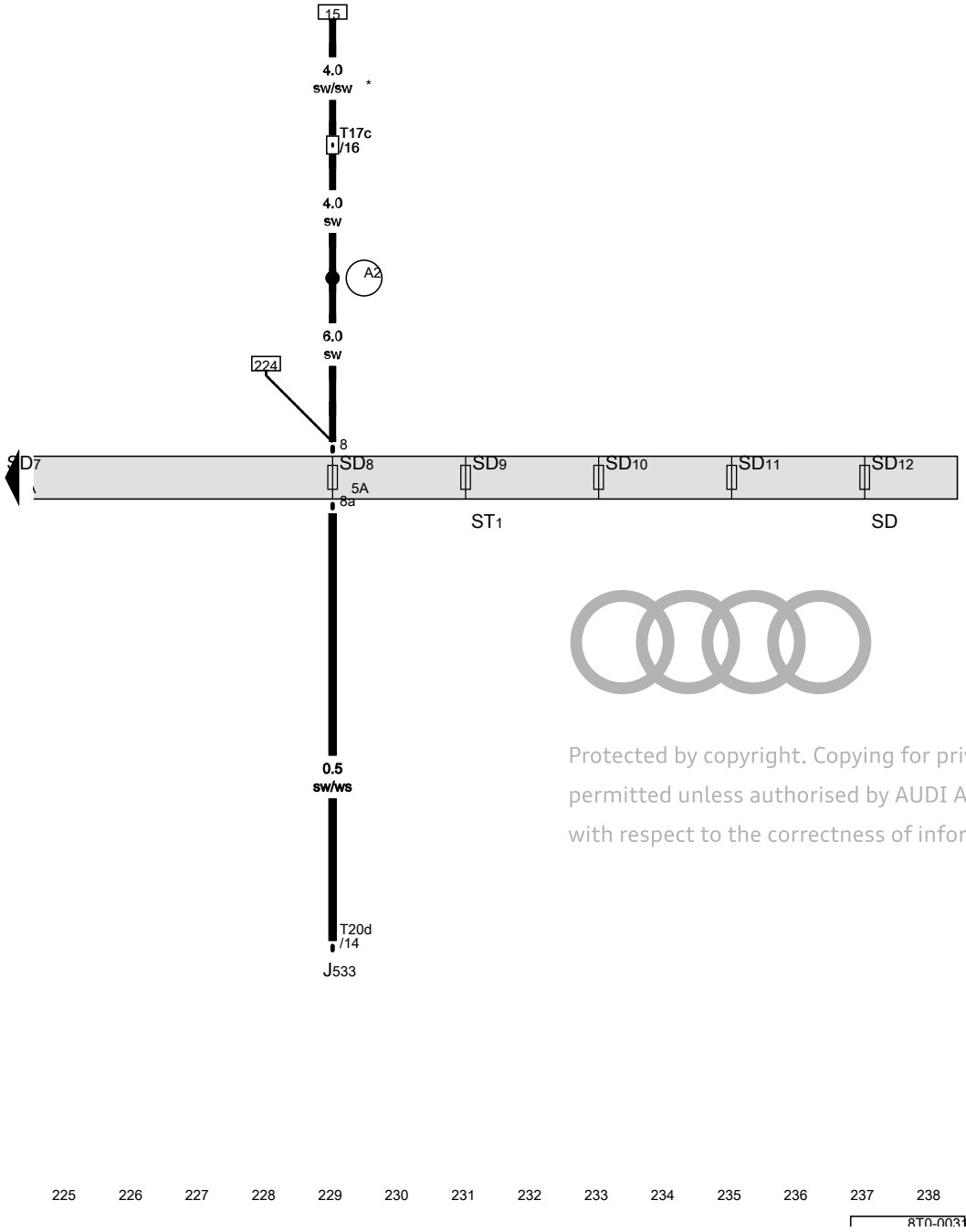
Fuse holder D, Fuse carrier 1

E149	Rear roller blind switch
E256	TCS and ESP button
E266	Parking aid button
J527	Steering column electronics control unit
SD	Fuse holder D
ST1	Fuse carrier 1
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
SD7	Fuse 7 on fuse holder D
T8r	8-pin connector
T16	16-pin connector, on relay carrier under dash panel, driver side
T16f	16-pin connector
T17q	17-pin connector, red
*	Only models with no navigation system
*2	Diagnostic connection



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Fuse holder D, Fuse carrier 1

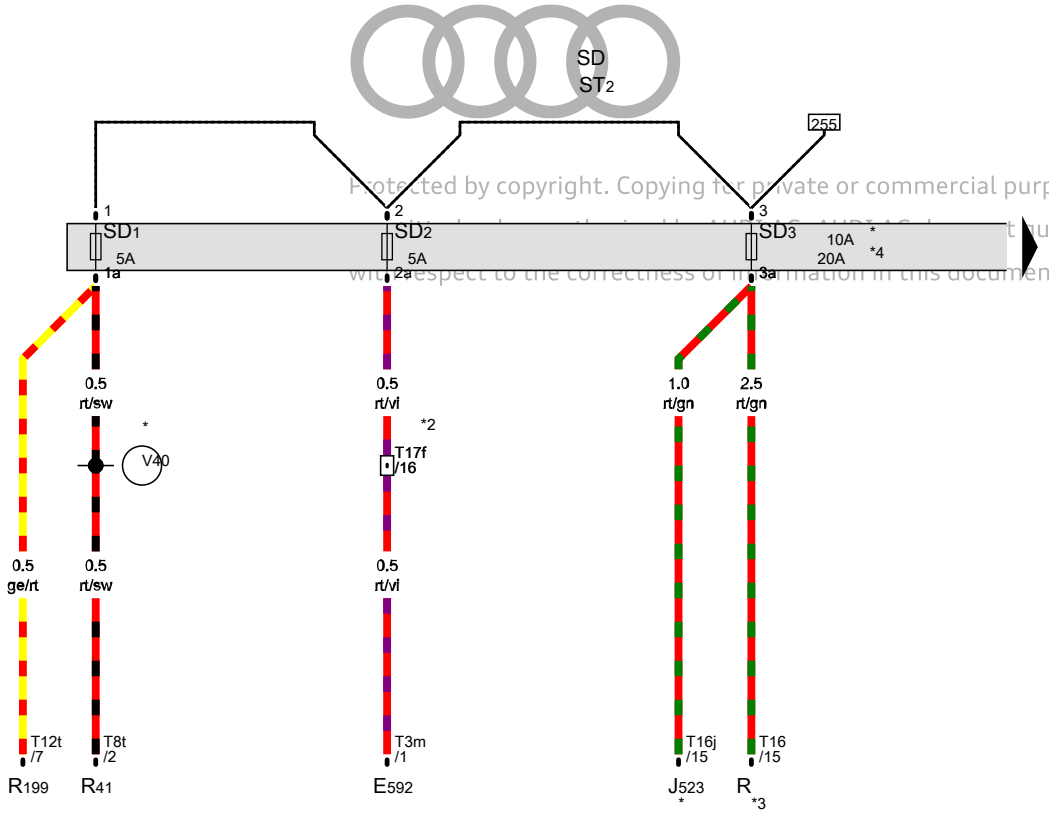
J533	Data bus diagnostic interface
SD	Fuse holder D
ST1	Fuse carrier 1
SD7	Fuse 7 on fuse holder D
SD8	Fuse 8 on fuse holder D
SD9	Fuse 9 on fuse holder D
SD10	Fuse 10 on fuse holder D
SD11	Fuse 11 on fuse holder D
SD12	Fuse 12 on fuse holder D
T17c	17-pin connector, in left A-pillar coupling station
T20d	20-pin connector
A2	Positive connection (15), in dash panel wiring harness
*	According to equipment

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Fuse holder D, Fuse carrier 2

E592	Switch module for Charisma
J523	Control unit for front display and information control panel
R	Radio, black
R41	CD changer
R199	Connection for external audio sources
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T3m	3-pin connector
T8t	8-pin connector
T12t	12-pin connector
T16	16-pin connector
T16j	16-pin connector
T17f	17-pin connector, in right A-pillar coupling station
V40	Connection 2, in CD changer wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	Only models with no navigation system
*3	see applicable current flow diagram for radio/navigation system
*4	see applicable current flow diagram for radio/ radio navigation system

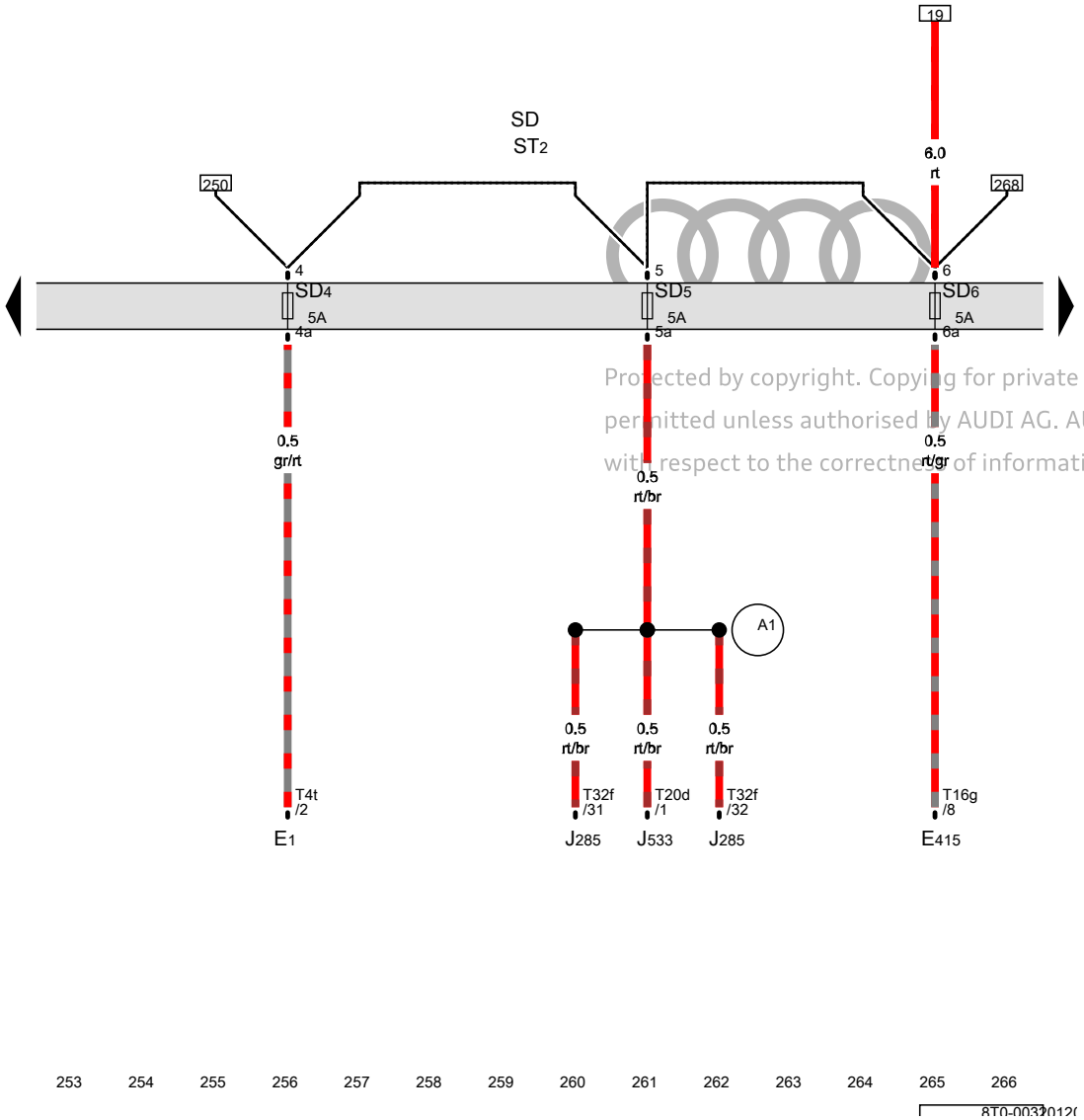


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Fuse holder D, Fuse carrier 2

E1	Light switch
E415	Entry and start authorisation switch
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
SD	Fuse holder D
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
T4t	4-pin connector
T16g	16-pin connector
T20d	20-pin connector
T32f	32-pin connector
A1	Positive connection (30a), in dash panel wiring harness

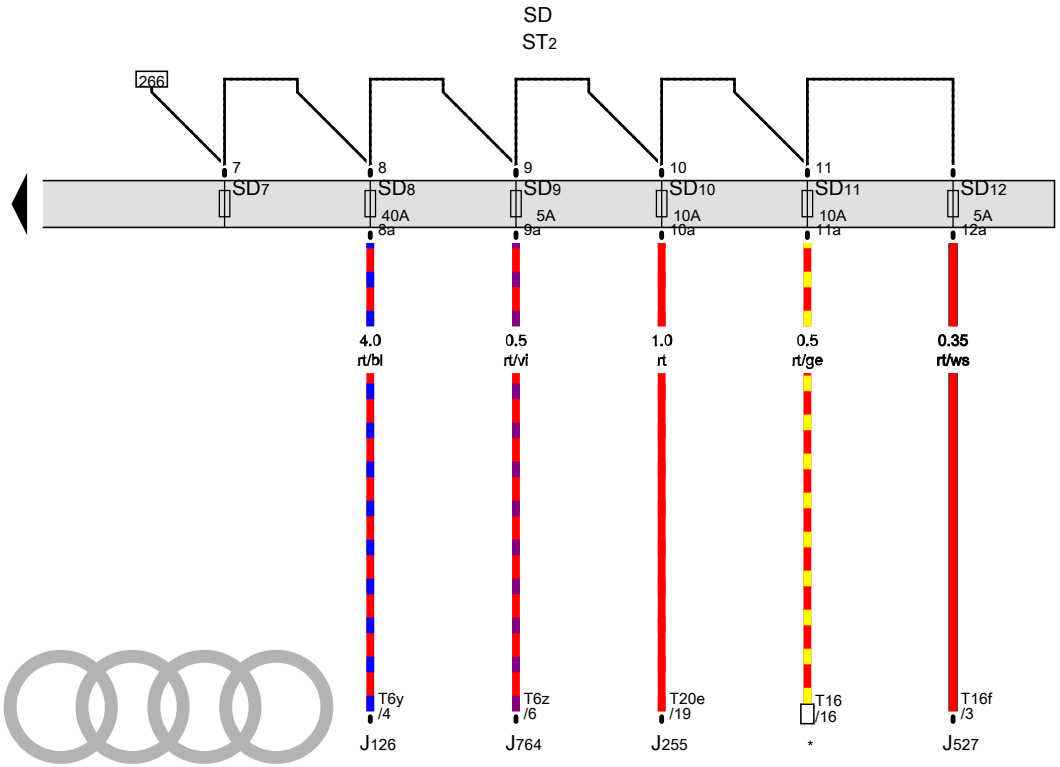


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Fuse holder D, Fuse carrier 2

J126	Fresh air blower control unit
J255	Climatronic control unit
J527	Steering column electronics control unit
J764	Electronic steering column lock control unit
SD	Fuse holder D
ST2	Fuse carrier 2
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
T6y	6-pin connector
T6z	6-pin connector
T16	16-pin connector
T16f	16-pin connector
T20e	20-pin connector
*	Diagnostic connection



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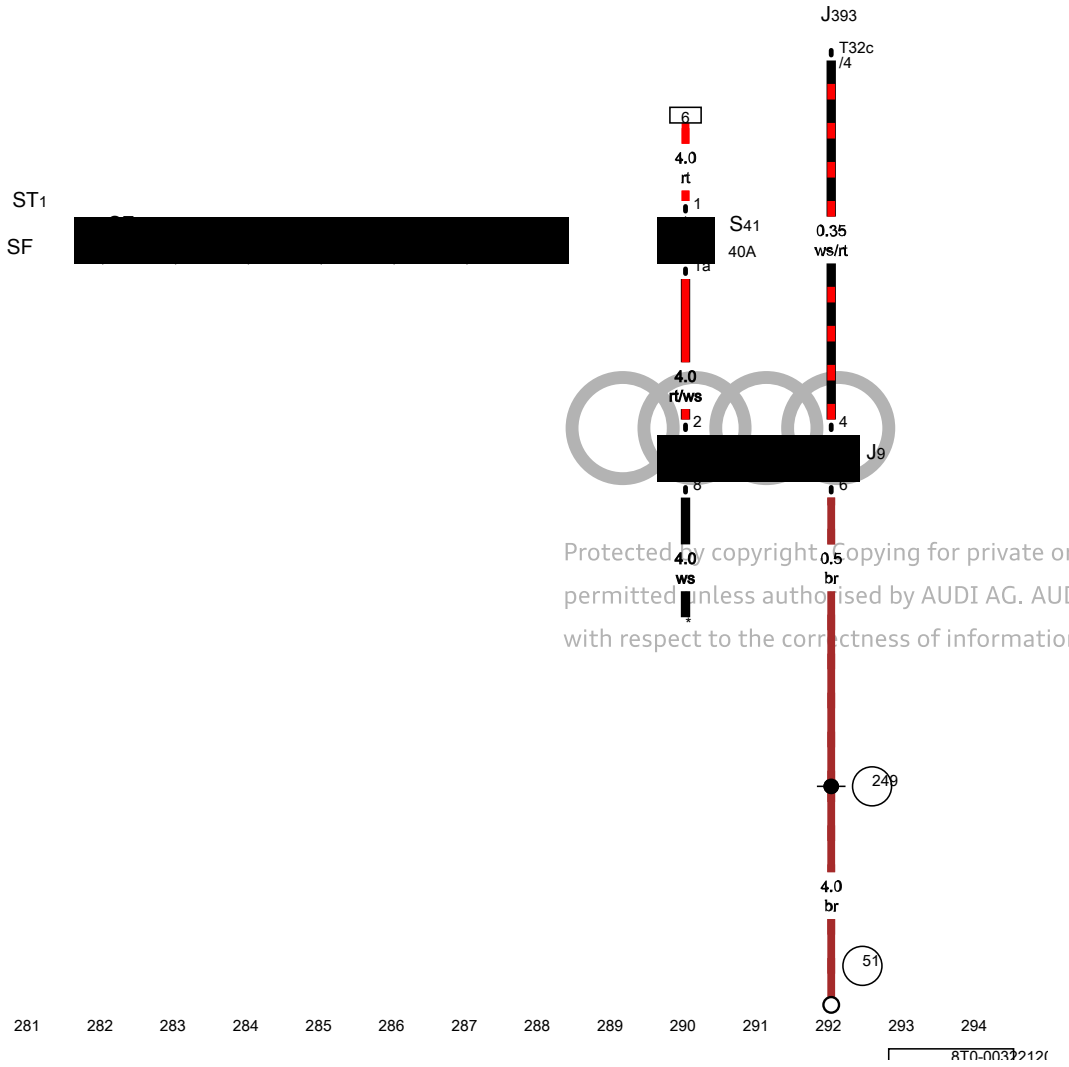
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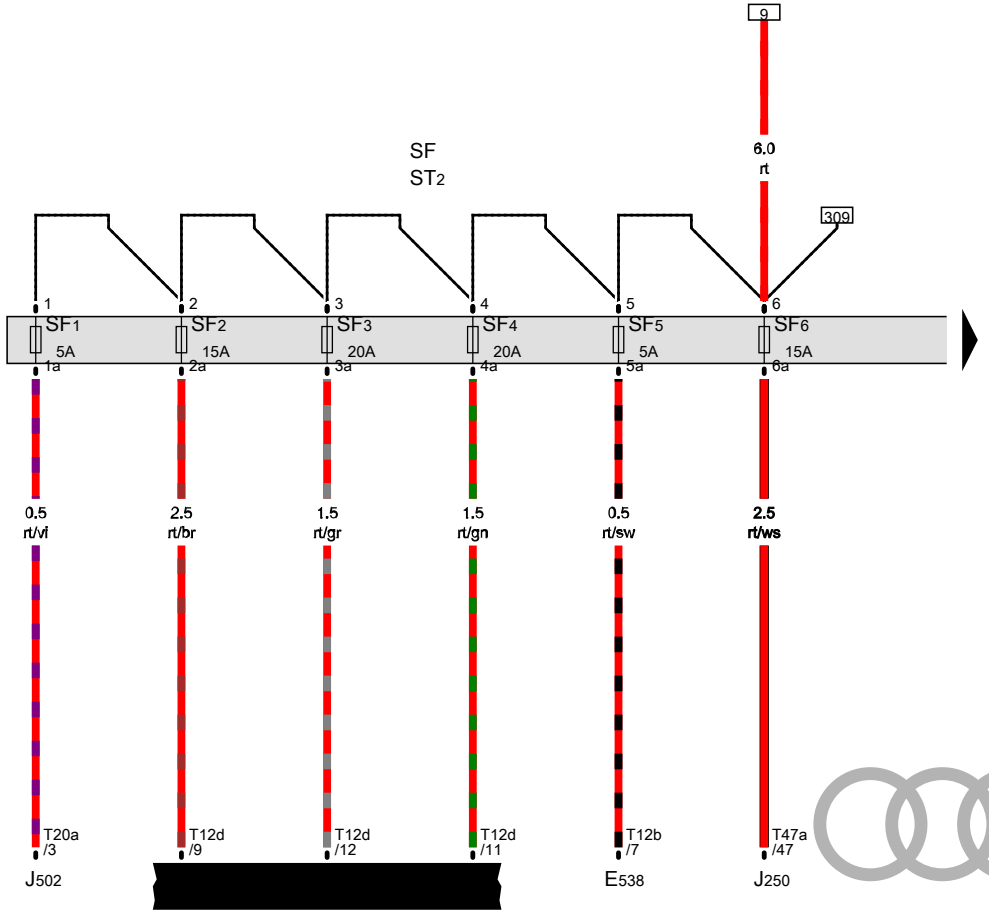
Fuse holder F, Fuse carrier 1

J9	Heated rear window relay
J393	Convenience system central control unit
SF	Fuse holder F
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
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
S41	Heated rear window single fuse
T32c	32-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
*	see applicable current flow diagram for basic equipment



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gn = green
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Fuse holder F, Fuse carrier 2

E538	Electromechanical parking brake button
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J502	Tyre pressure monitor control unit
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
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
T12b	12-pin connector
T12d	12-pin connector
T20a	20-pin connector
T47a	47-pin connector

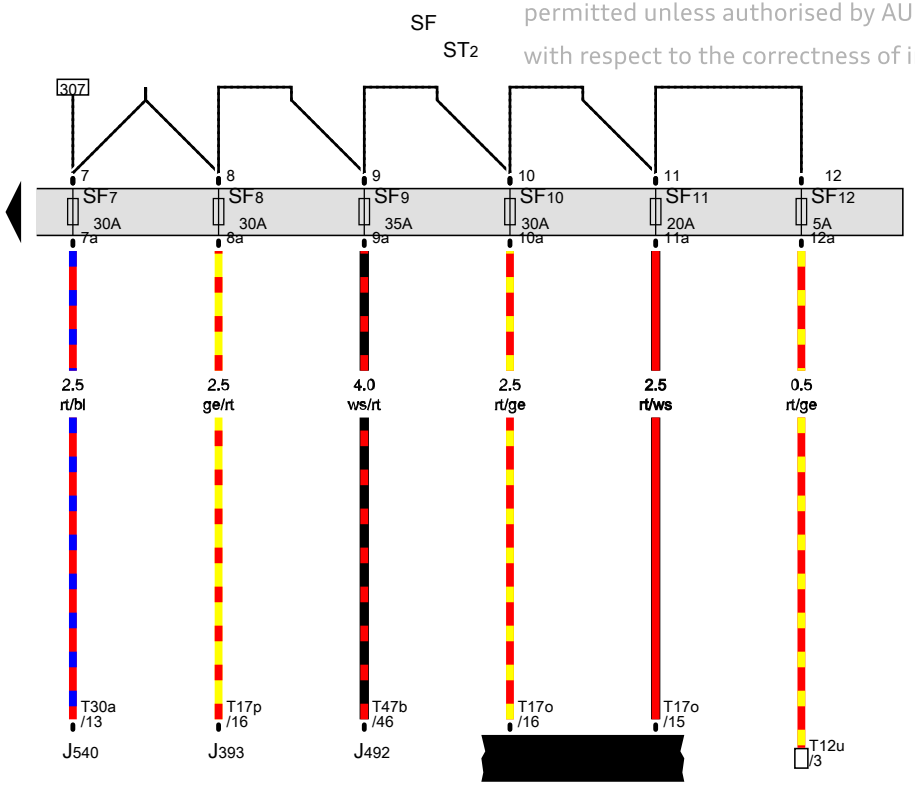
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Fuse holder F, Fuse carrier 2

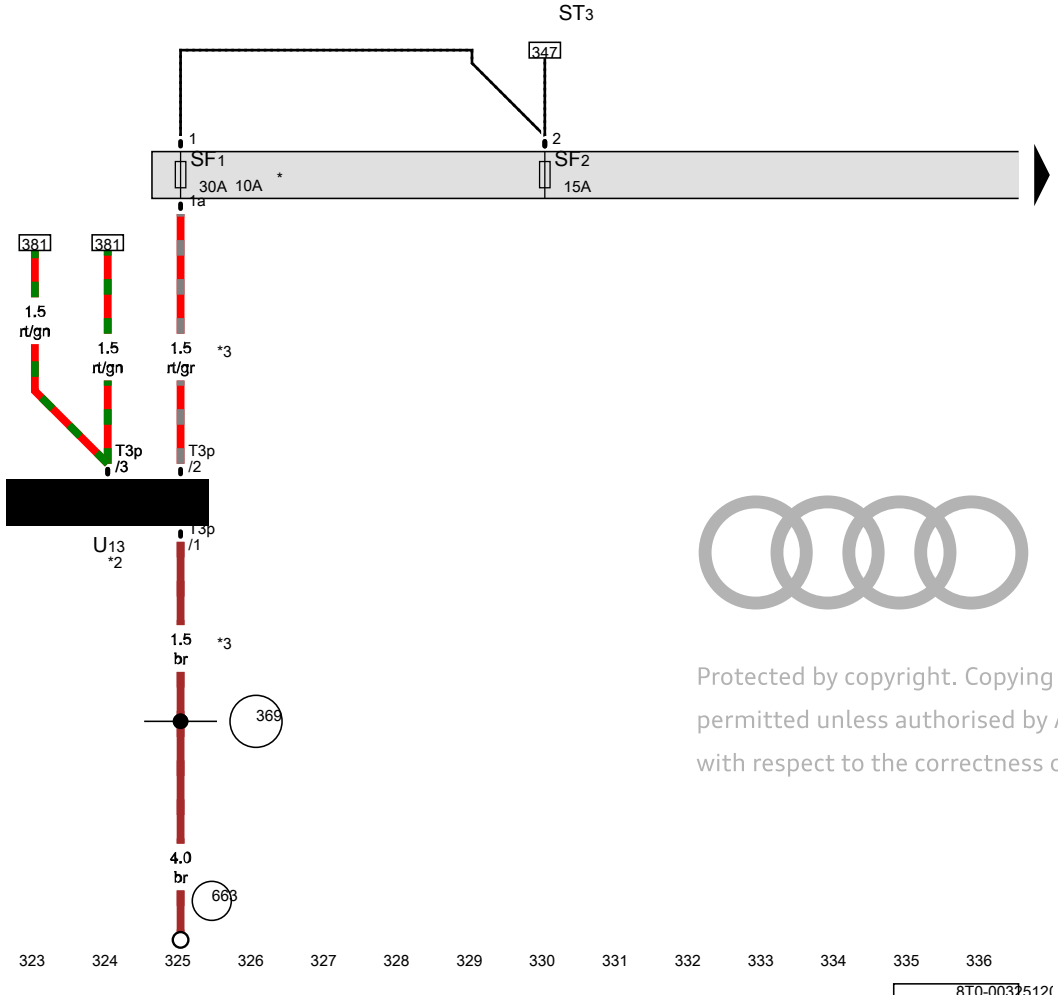
J393	Convenience system central control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F
ST2	Fuse carrier 2
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12u	12-pin connector, brown
T17o	17-pin connector
T17p	17-pin connector
T30a	30-pin connector
T47b	47-pin connector



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Fuse carrier 3

SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
T3p	3-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	According to equipment
*2	Only models with DC/AC converter with socket, 12 V-230 V/12 V-115 V
*3	Cross section depends on equipment



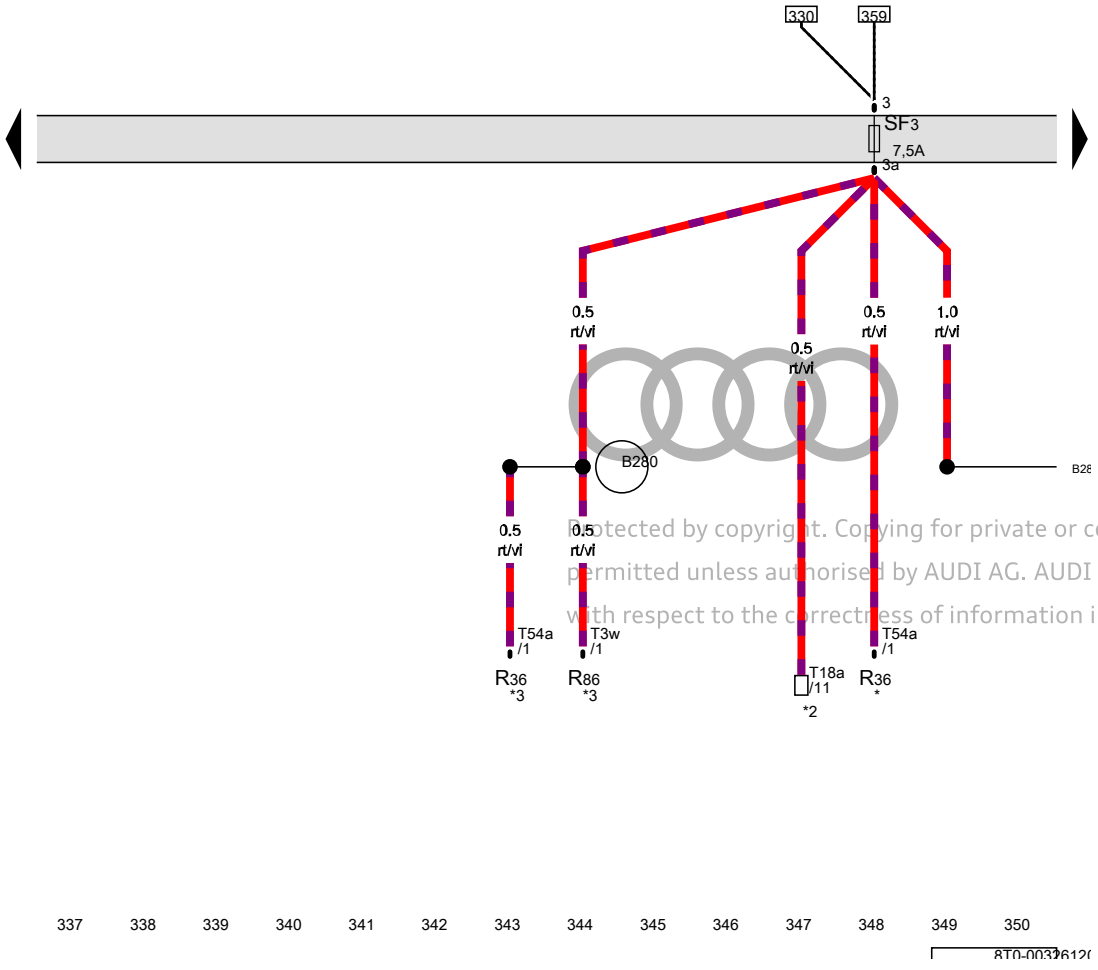
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Fuse holder F, Fuse carrier 3

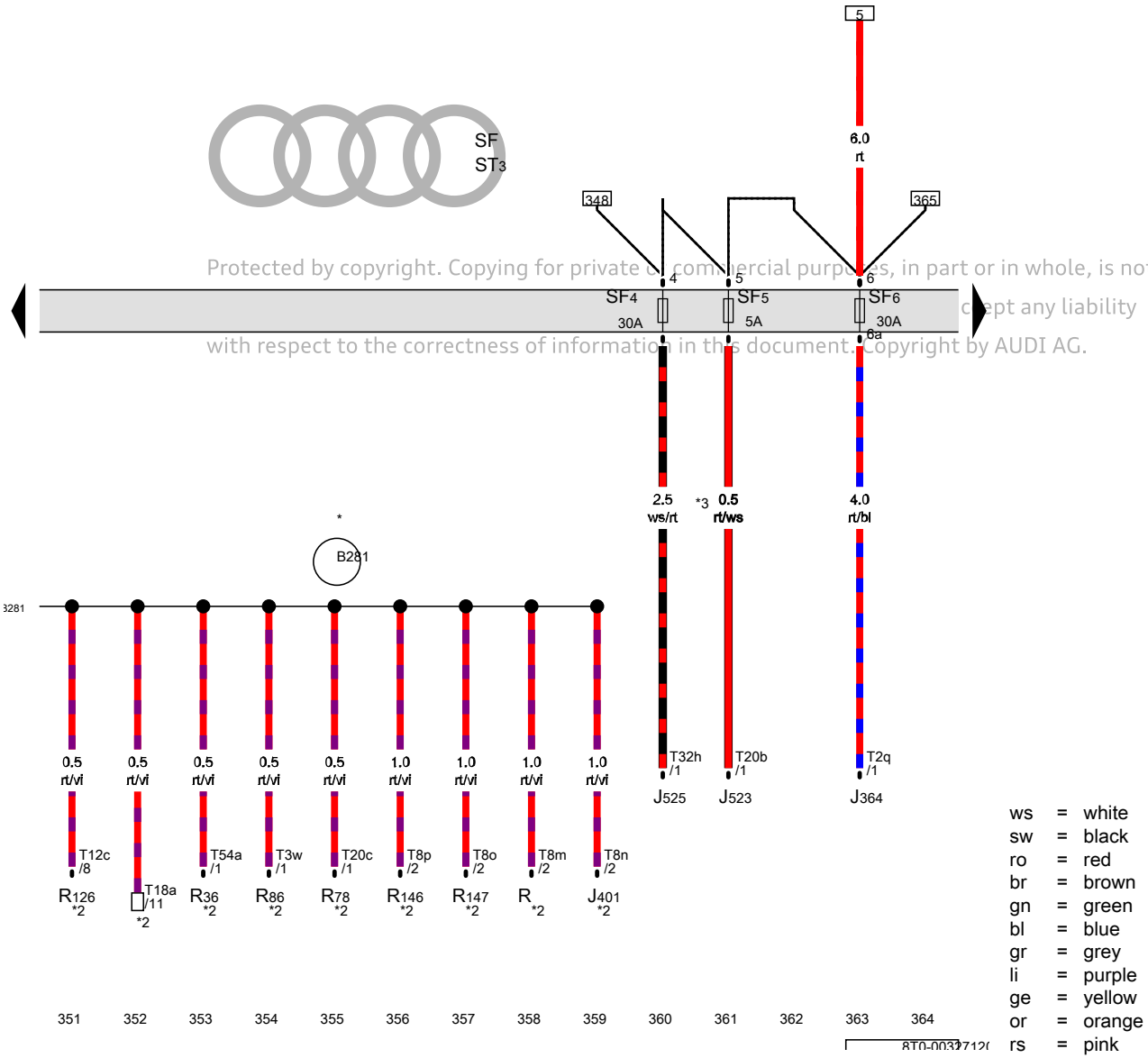
R36	Telephone transmitter and receiver unit
R86	Aerial amplifier for mobile telephone
SF	Fuse holder F
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T3w	3-pin connector
T18a	18-pin connector
T54a	54-pin connector
B280	Positive connection 4 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only for American markets
*2	Only models with preparation for mobile telephone
*3	Not for American markets

SF
ST3



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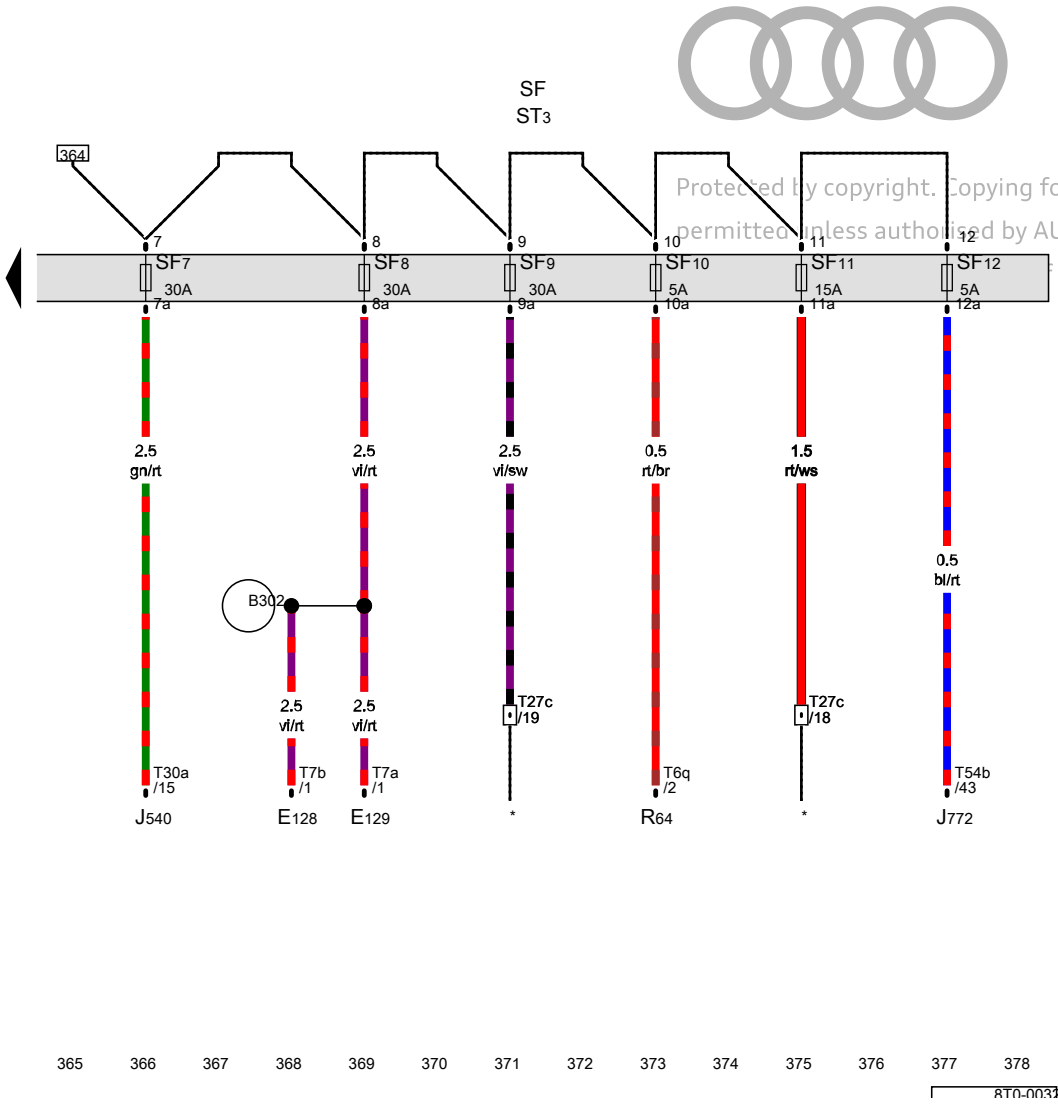


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Fuse holder F, Fuse carrier 3

J364	Auxiliary heater control unit
J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
J525	Digital sound package control unit
R	Radio
R36	Telephone transmitter and receiver unit
R78	TV tuner
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R146	Satellite radio
R147	Digital radio
SF	Fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T2q	2-pin connector
T3w	3-pin connector
T8m	8-pin connector
T8n	8-pin connector
T8o	8-pin connector
T8p	8-pin connector
T12c	12-pin connector
T18a	18-pin connector
T20b	20-pin connector
T20c	20-pin connector
T32h	32-pin connector
T54a	54-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for MMI (information electronics)
*3	Only models with sound system

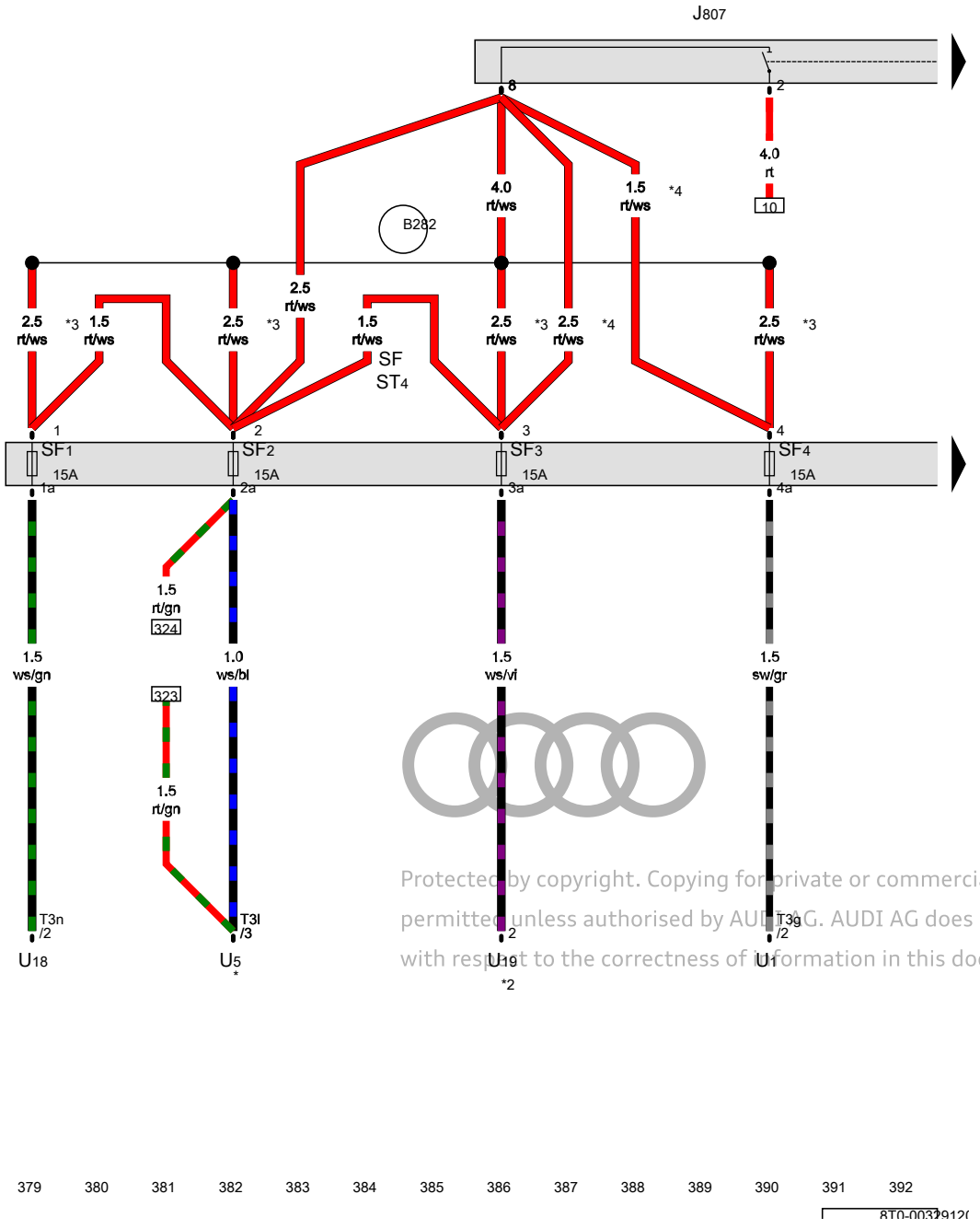


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Fuse holder F, Fuse carrier 3

E128	Heated rear left seat switch with regulator
E129	Heated rear right seat switch with regulator
J540	Control unit for electromechanical parking brake
J772	Reversing camera system control unit
R64	Remote control receiver for auxiliary heater
SF	Fuse holder F
ST3	Fuse carrier 3
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
T6q	6-pin connector
T7a	7-pin connector
T7b	7-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T30a	30-pin connector
T54b	54-pin connector
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for convenience system

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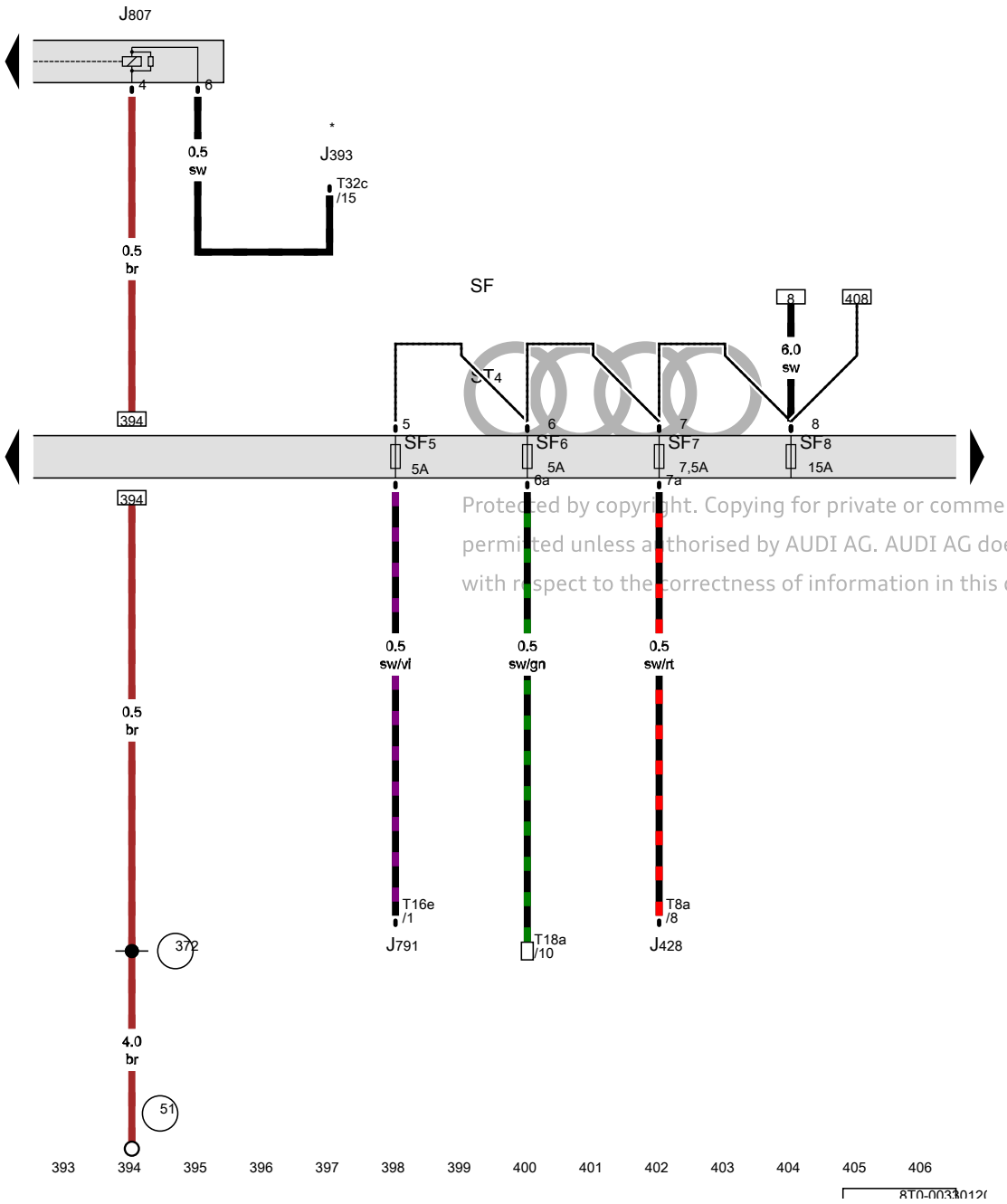


Fuse holder F, Fuse carrier 4

J807	Relay for power sockets
SF	Fuse holder F
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
SF4	Fuse 4 in fuse holder F
T3g	3-pin connector
T3l	3-pin connector
T3n	3-pin connector
U1	Cigarette lighter
U5	12 V socket, in front centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3
B282	Positive connection 6 (15a) in main wiring harness
*	Only models with 12 V socket
*2	Only models with 12 V socket in luggage compartment
*3	Only models with no DC/AC converter
*4	According to equipment

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Fuse holder F, Fuse carrier 4

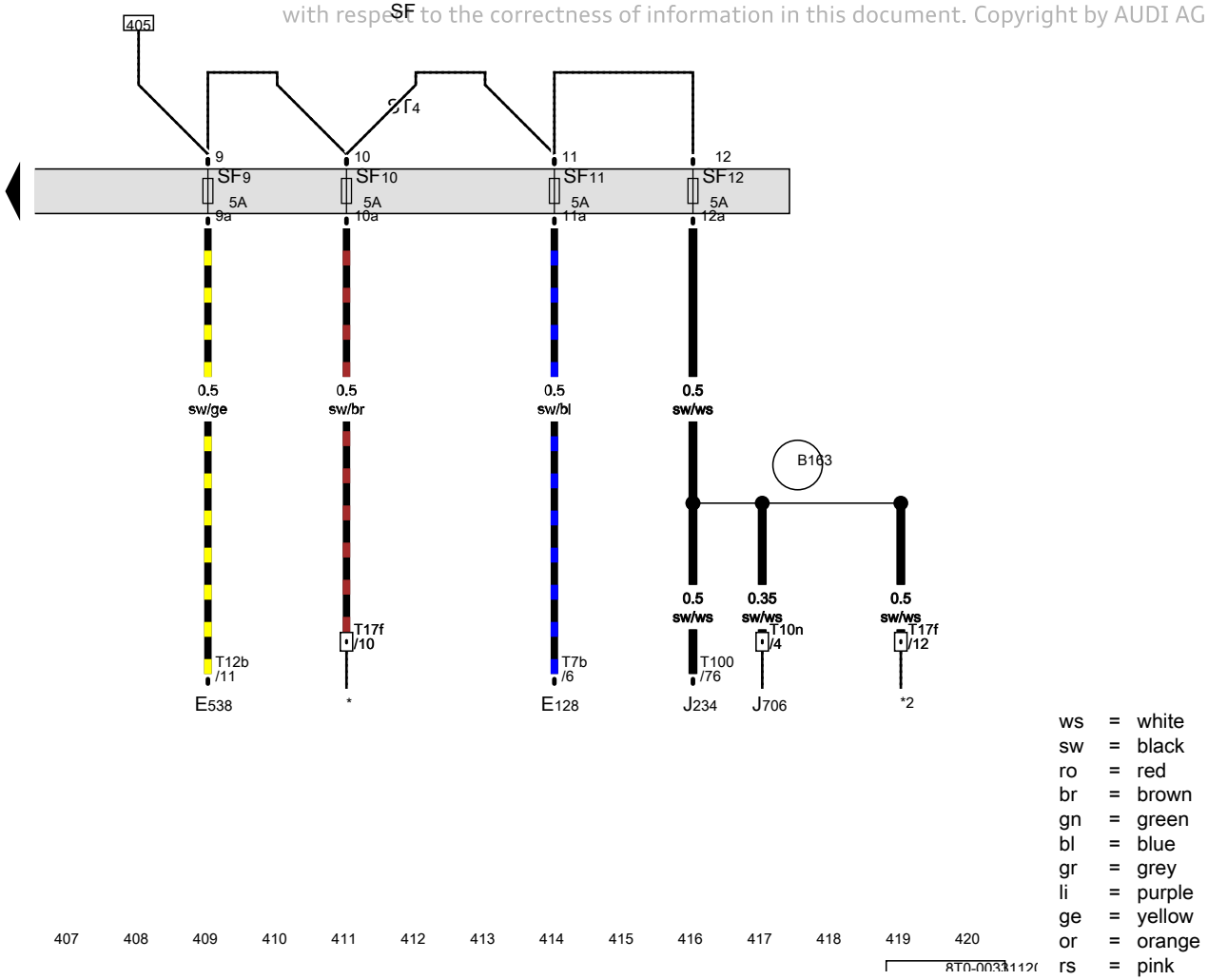
J393	Convenience system central control unit
J428	Adaptive cruise control unit
J791	Park assist steering control unit
J807	Relay for power sockets
SF	Fuse holder F
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
T8a	8-pin connector
T16e	16-pin connector
T18a	18-pin connector, under centre console
T32c	32-pin connector
51	Earth point, on right in luggage compartment
372	Earth connection 7, in main wiring harness
*	see applicable current flow diagram for basic equipment

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Fuse holder F, Fuse carrier 4

E128	Heated rear left seat switch with regulator
E538	Electromechanical parking brake button
J234	Airbag control unit
J706	Seat occupied recognition control unit
SF	Fuse holder F
ST4	Fuse carrier 4
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
T7b	7-pin connector
T10n	10-pin connector, black
T12b	12-pin connector
T17f	17-pin connector, brown
T100	100-pin connector
B163	Positive connection 1 (15), in interior wiring harness
*	see applicable current flow diagram for lane change assist
*2	see applicable current flow diagram for basic equipment

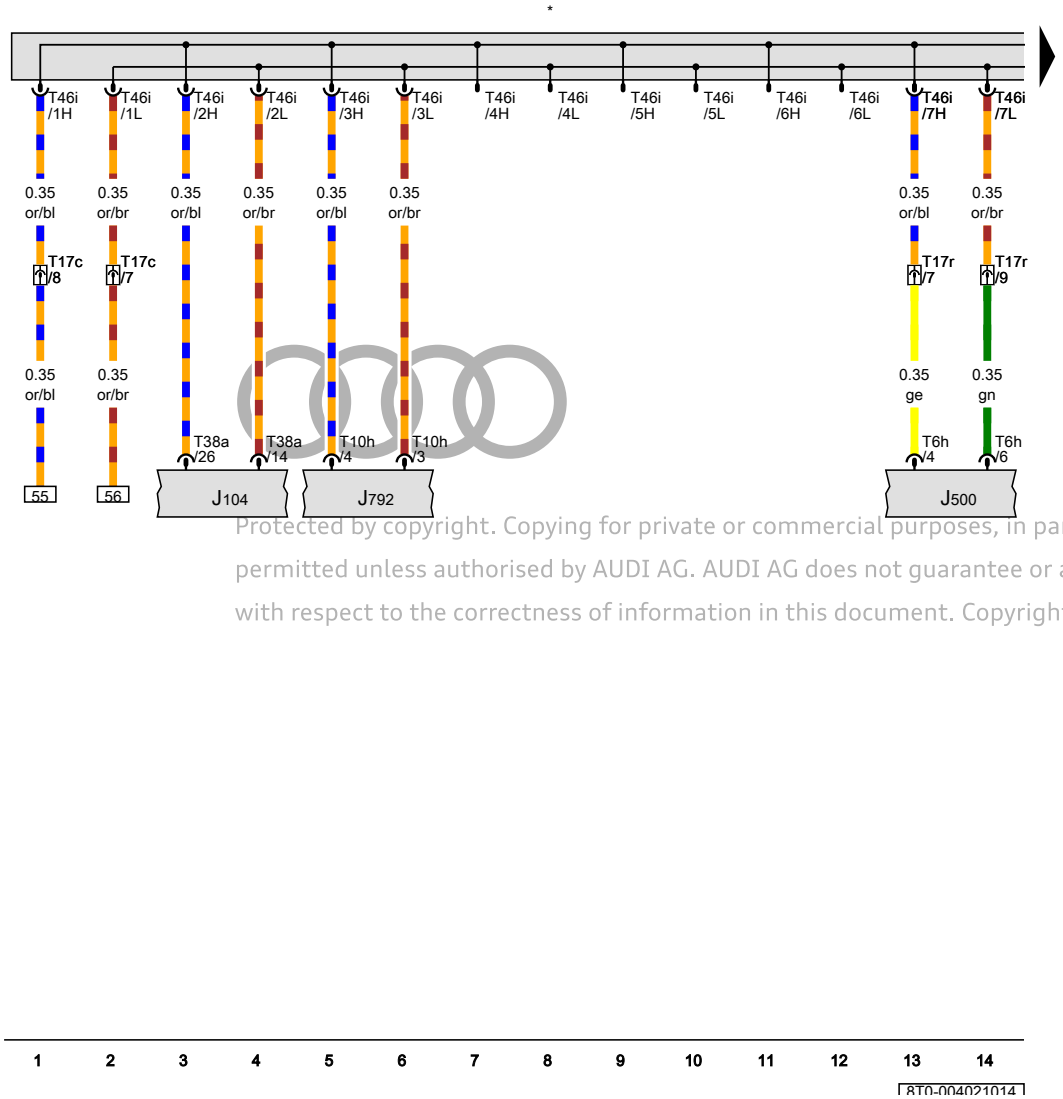
CAN separating connector

From June 2007

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ABS control unit, Power steering control unit, Active steering control unit

J104	ABS control unit
J500	Power steering control unit
J792	Active steering control unit
T6h	6-pin connector
T10h	10-pin connector
T17c	17-pin connector, black
T17r	17-pin connector, white
T38a	38-pin connector
T46i	46-pin connector
*	Driver side push-in bridge, brown

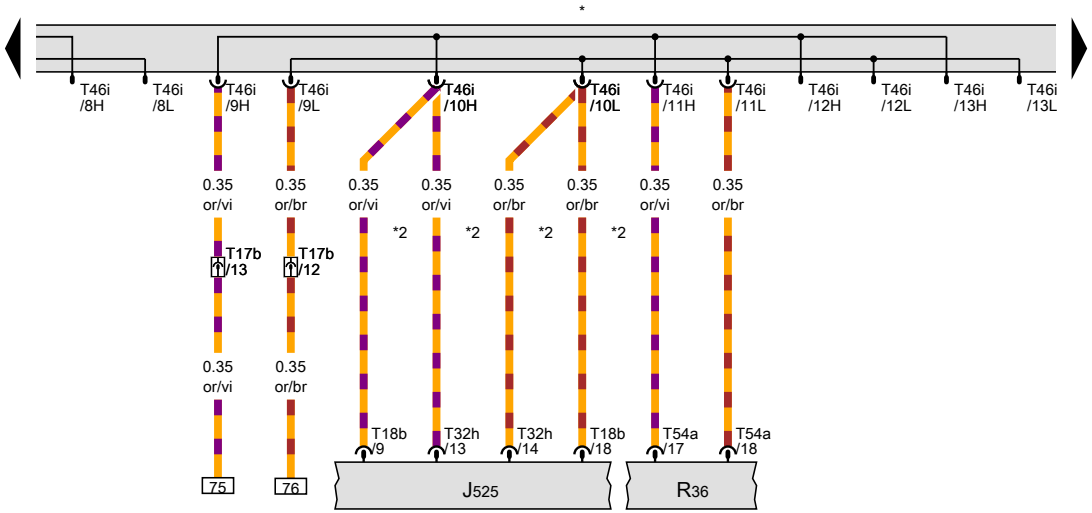


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Digital sound package control unit, Telephone transmitter and receiver unit

J525	Digital sound package control unit
R36	Telephone transmitter and receiver unit
T17b	17-pin connector, blue
T18b	18-pin connector
T32h	32-pin connector
T46i	46-pin connector
T54a	54-pin connector
*	Driver side push-in bridge, brown
*2	According to equipment



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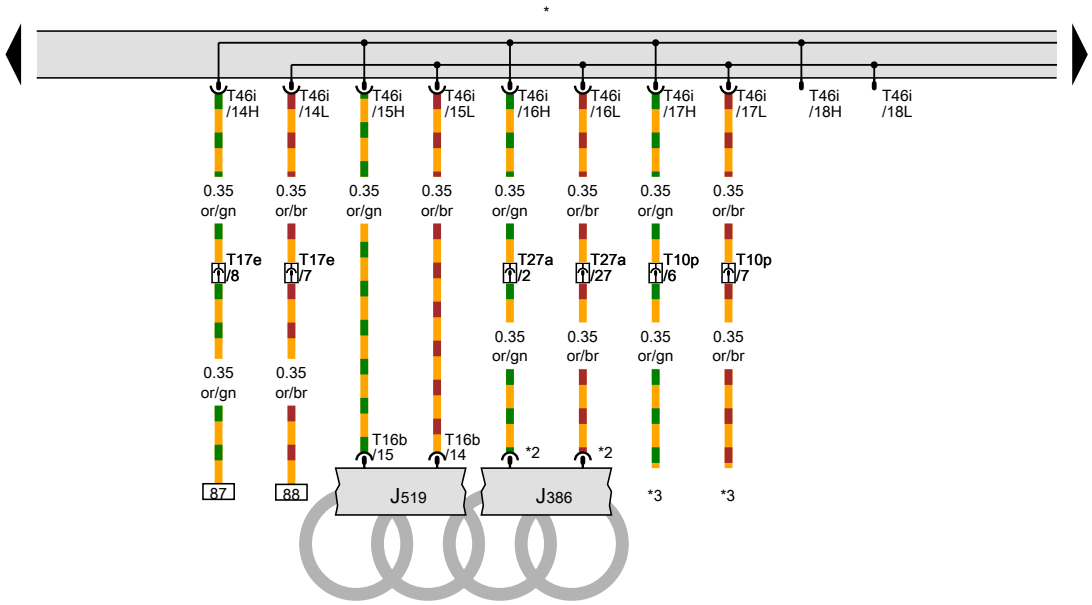
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Driver door control unit, Onboard supply control unit

J386	Driver door control unit
J519	Onboard supply control unit
T10p	10-pin connector, red
T16b	16-pin connector
T17e	17-pin connector, red
T27a	27-pin connector, lower part of A-pillar, driver side
T46i	46-pin connector
*	Driver side push-in bridge, brown
*2	see applicable current flow diagram for convenience system
*3	see applicable current flow diagram for seat adjustment



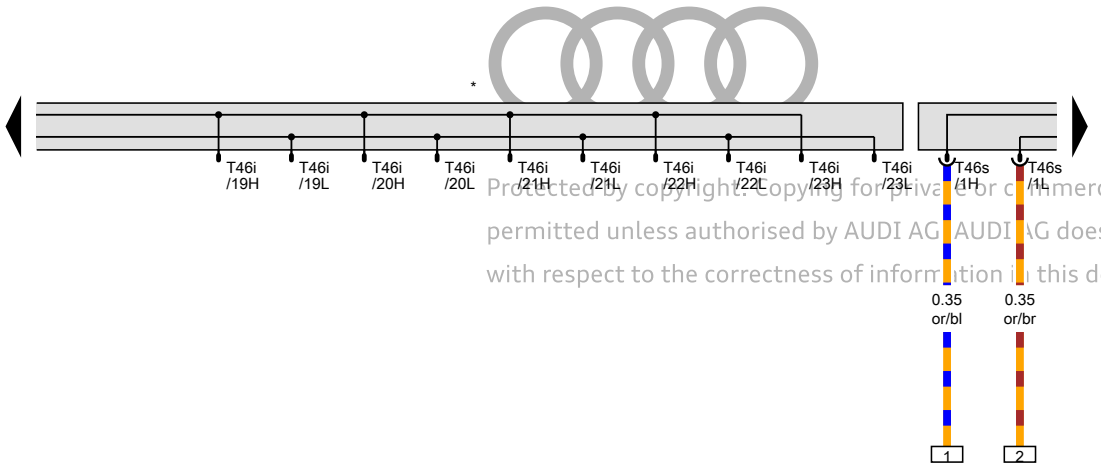
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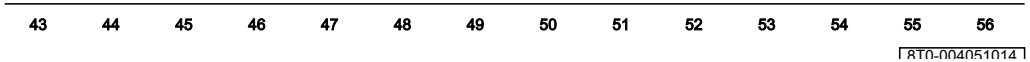
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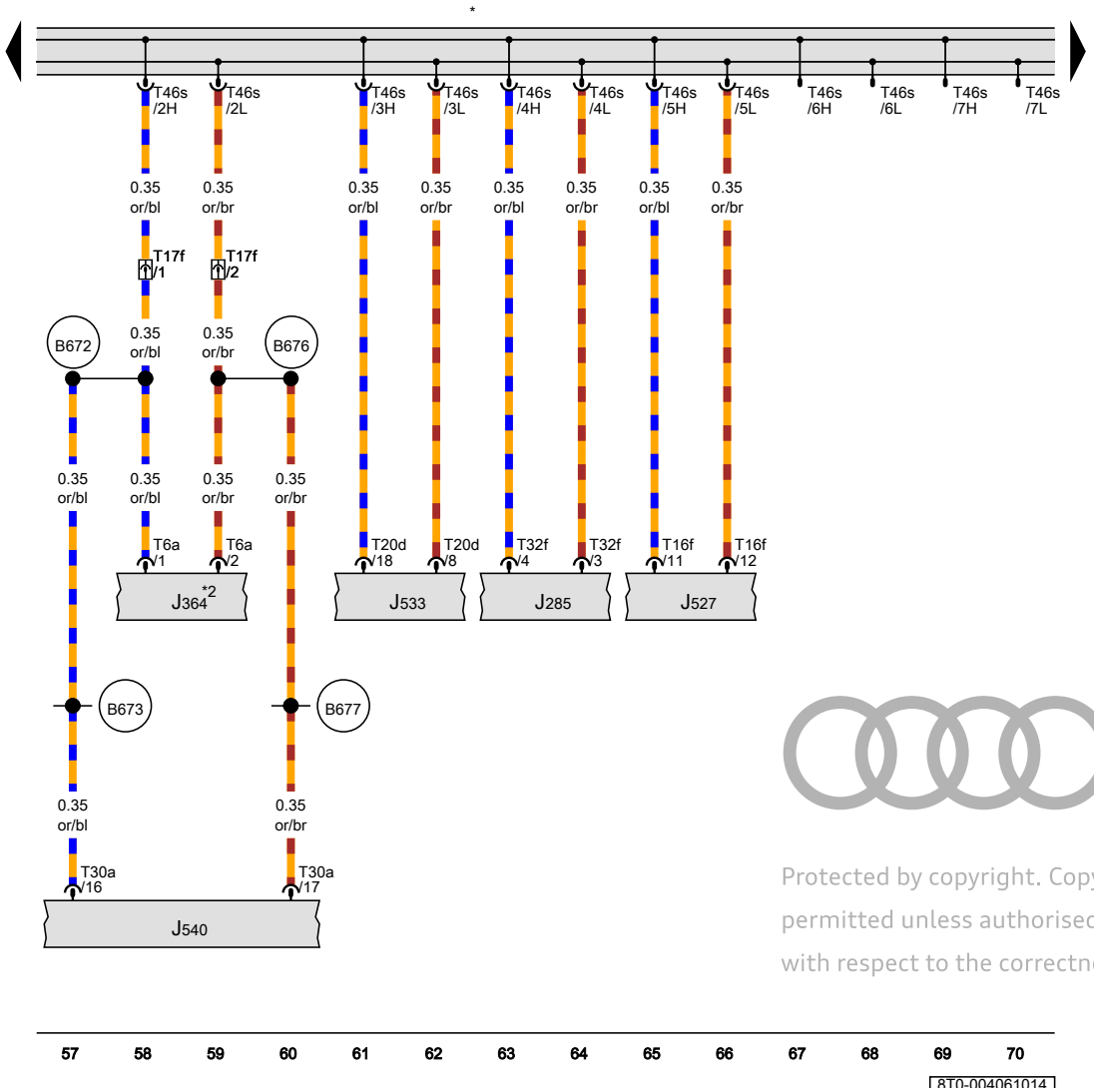
T46s 46-pin connector
* Driver side push-in bridge, brown



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Control unit in dash panel insert, Auxiliary heater control unit, Steering column electronics control unit, Data bus diagnostic interface, Control unit for electromechanical parking brake

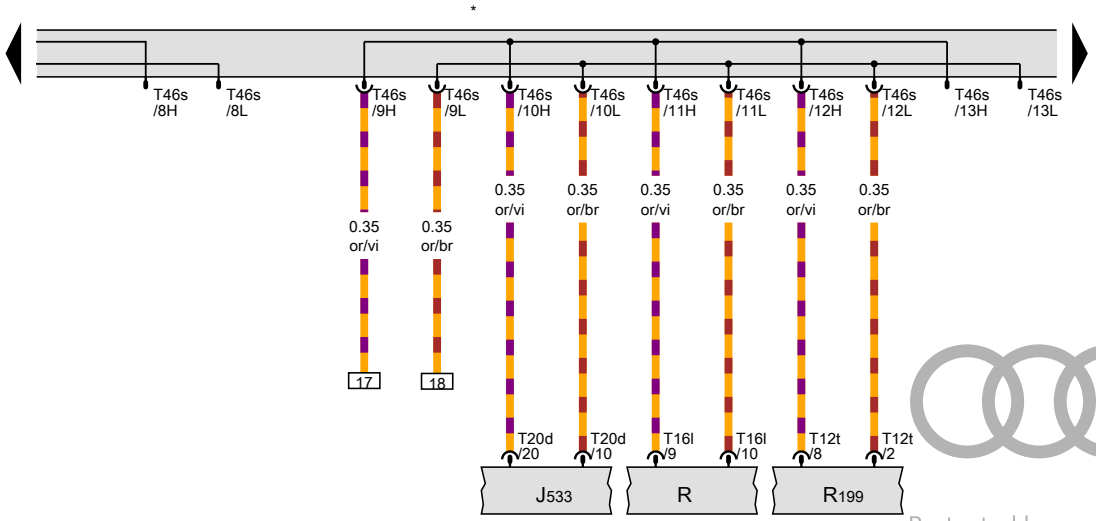
J285	Control unit in dash panel insert
J364	Auxiliary heater control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J540	Control unit for electromechanical parking brake
T6a	6-pin connector
T16f	16-pin connector
T17f	17-pin connector, brown
T20d	20-pin connector
T30a	30-pin connector
T32f	32-pin connector
T46s	46-pin connector
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	Front passenger side push-in bridge, brown
*2	According to equipment

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Data bus diagnostic interface, Radio, Connection for external audio sources

J533	Data bus diagnostic interface
R	Radio
R199	Connection for external audio sources
T12t	12-pin connector
T16l	16-pin connector
T20d	20-pin connector
T46s	46-pin connector
*	Front passenger side push-in bridge, brown



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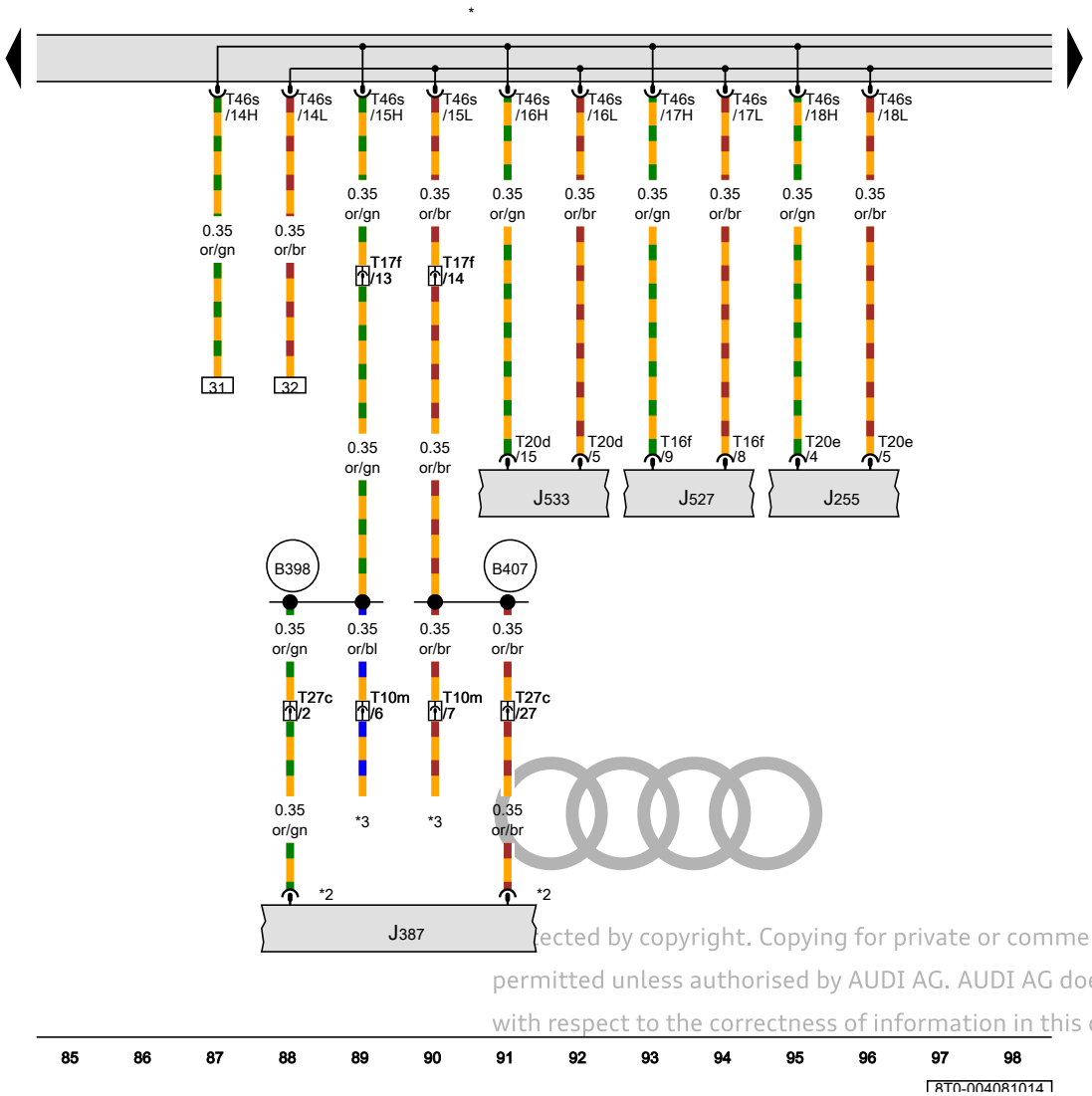
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Climatronic control unit, Front passenger door control unit, Steering column electronics control unit, Data bus diagnostic interface

J255	Climatronic control unit
J387	Front passenger door control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
T10m	10-pin connector, red
T16f	16-pin connector
T17f	17-pin connector, brown
T20d	20-pin connector
T20e	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T46s	46-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Front passenger side push-in bridge, brown
*2	see applicable current flow diagram for convenience system
*3	see applicable current flow diagram for seat adjustment

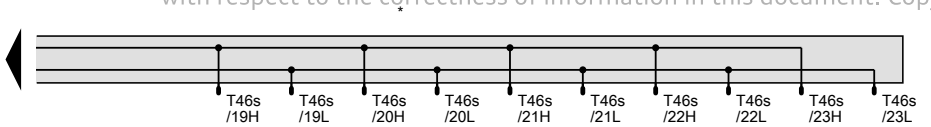


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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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* Front passenger side push-in bridge, brown



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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112

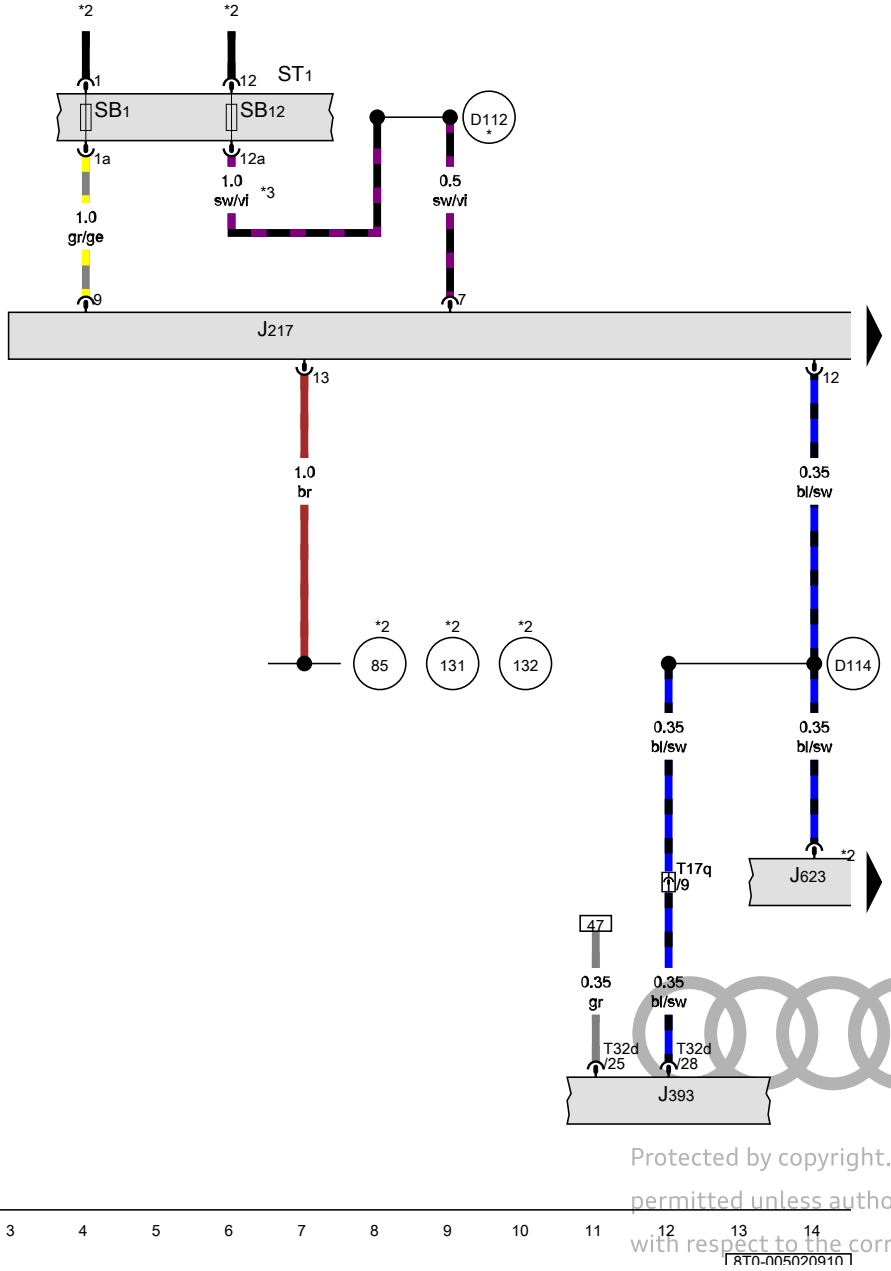
8T0-0040910141

multitronic 0AW (continuously variable automatic transmission)

From June 2007



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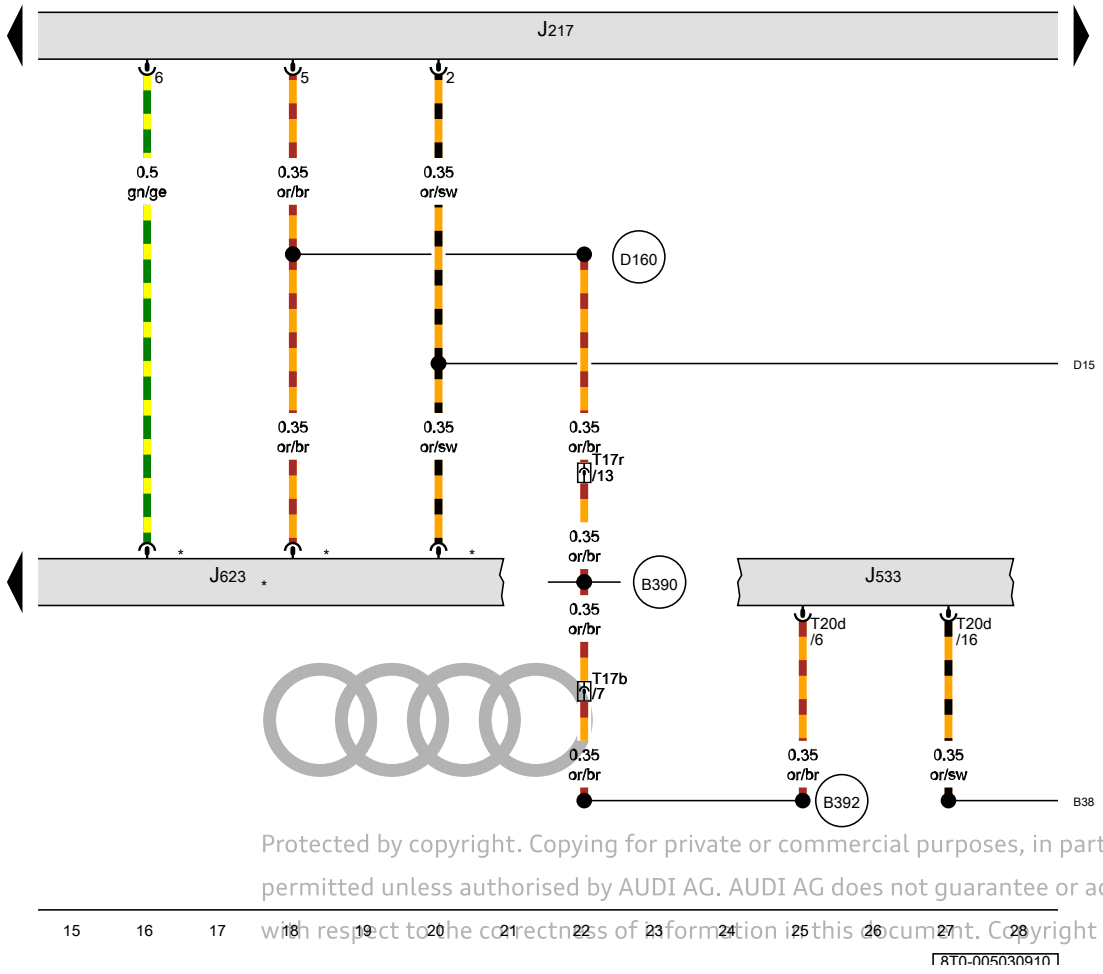
Automatic gearbox control unit, Convenience system central control unit, Engine control unit

J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB12	Fuse 12 on fuse holder B
T17q	17-pin connector, red
T32d	32-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
D112	Connection 10 in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with diesel engines
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment

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Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

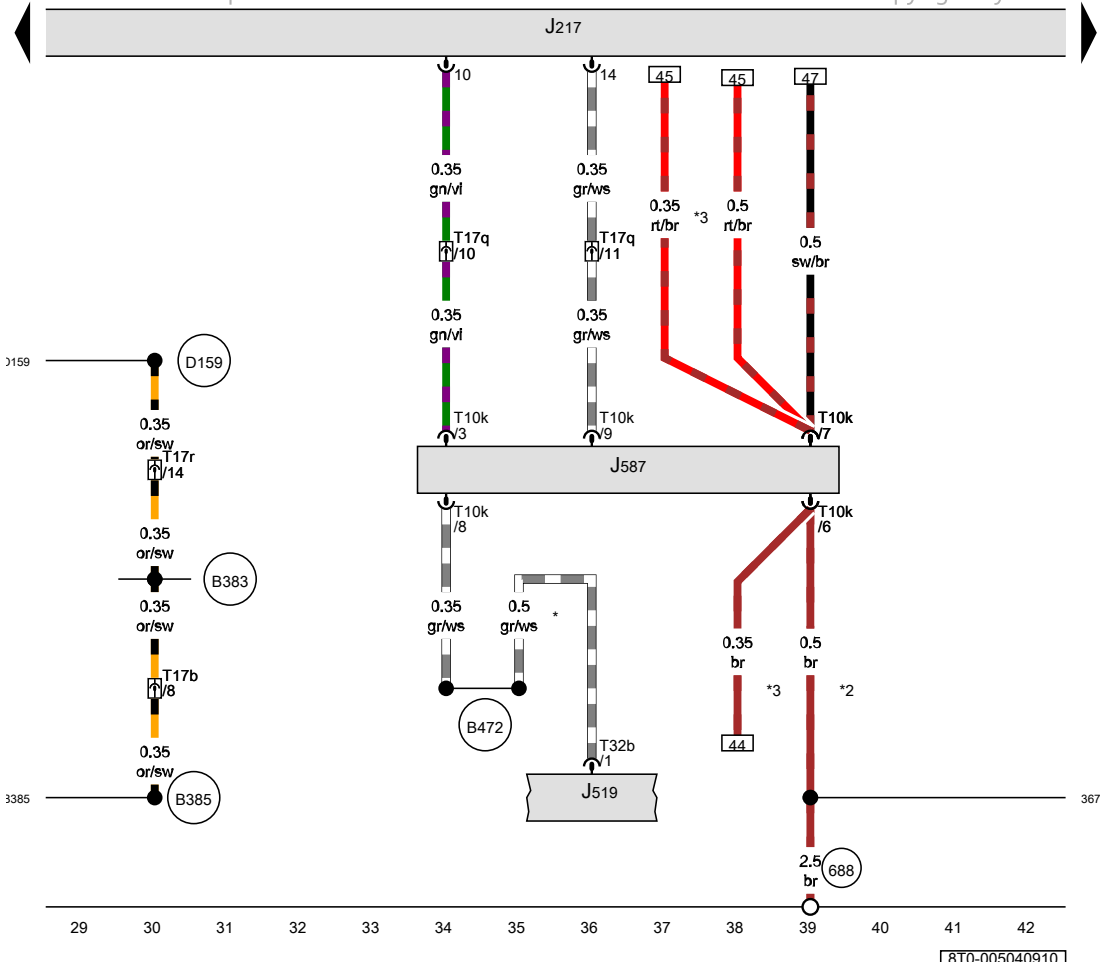
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for engine



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

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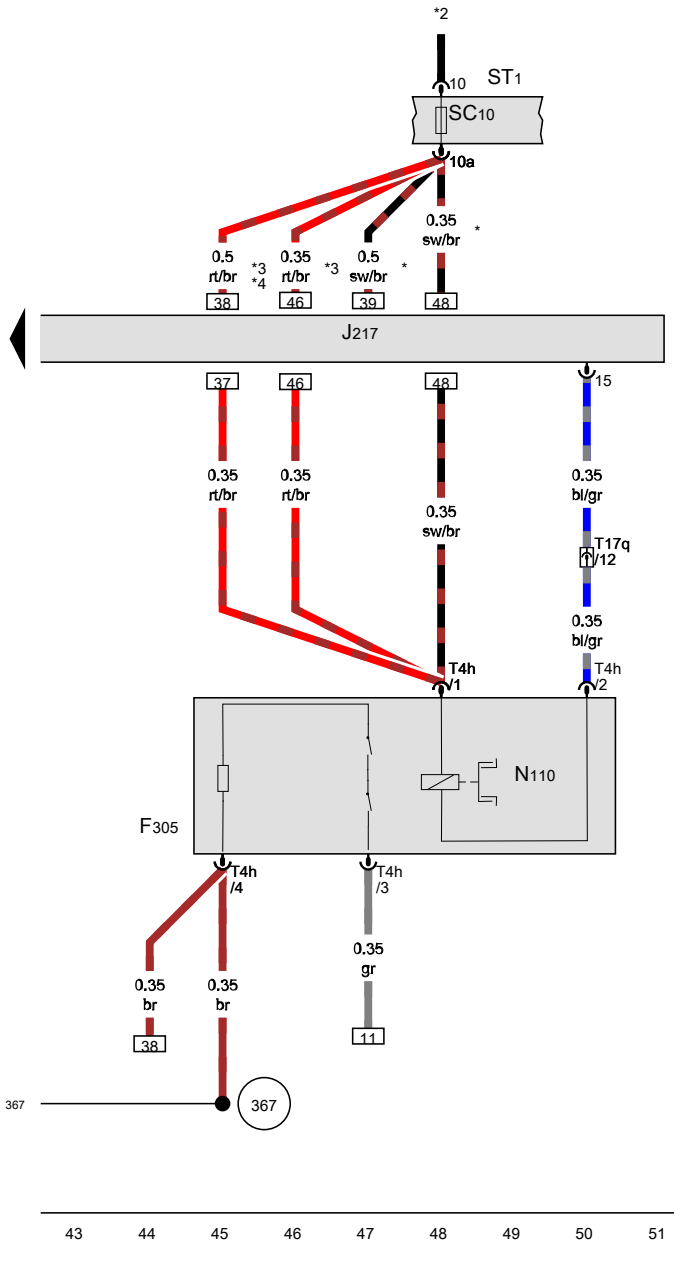
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rs = pink

Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit

J217	Automatic gearbox control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
T10k	10-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B472	Connection 8, in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
*	Cross section depends on equipment
*2	Gradually discontinued
*3	gradual introduction

Gear selector position P switch, Automatic gearbox control unit, Selector lever lock solenoid

F305	Gear selector position P switch
J217	Automatic gearbox control unit
N110	Selector lever lock solenoid
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T4h	4-pin connector
T17q	17-pin connector, red
367	Earth connection 2, in main wiring harness
*	Up to April 2009
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Gradually discontinued



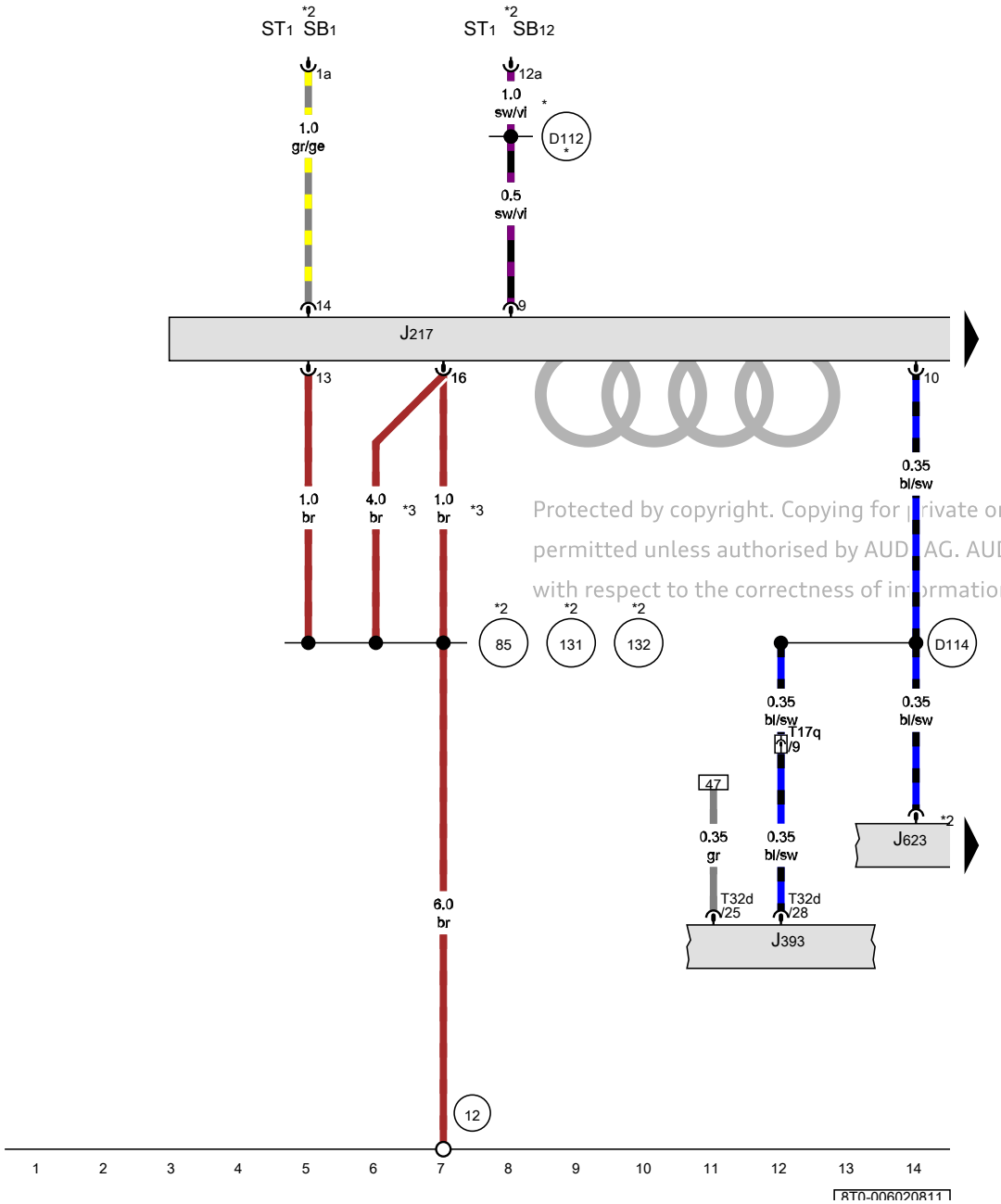
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6-speed automatic gearbox with Tiptronic

From June 2007

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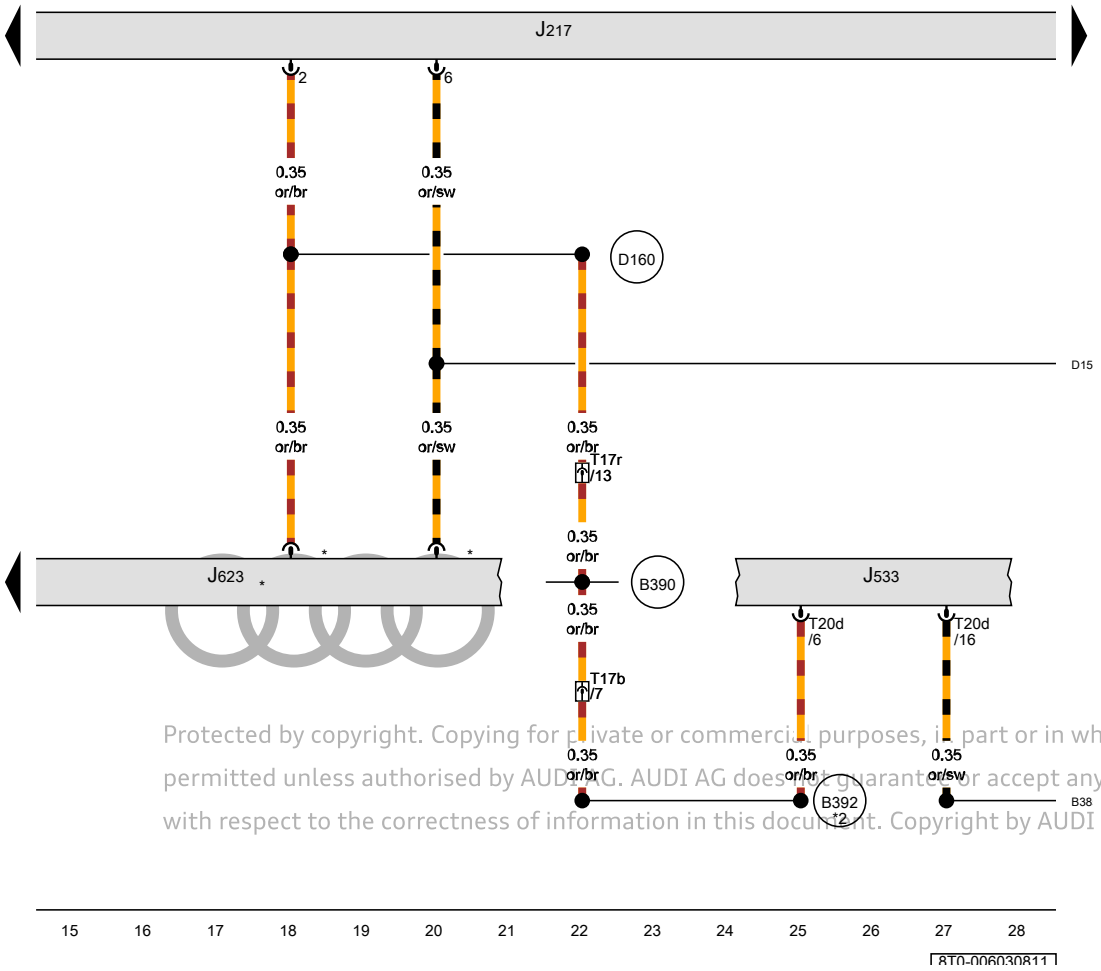


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Automatic gearbox control unit, Convenience system central control unit, Engine control unit

J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB12	Fuse 12 on fuse holder B
T17q	17-pin connector, red
T32d	32-pin connector
12	Earth point, on left in engine compartment
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
D112	Connection 10 in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with diesel engines
*2	see applicable current flow diagram for engine
*3	According to equipment



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Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
J623 Engine control unit
T17b 17-pin connector, blue
T17r 17-pin connector, white
T20d 20-pin connector

B385 Connection 3 (powertrain CAN bus, high), in main wiring harness

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

B392 Connection 3 (powertrain CAN bus, low), in main wiring harness

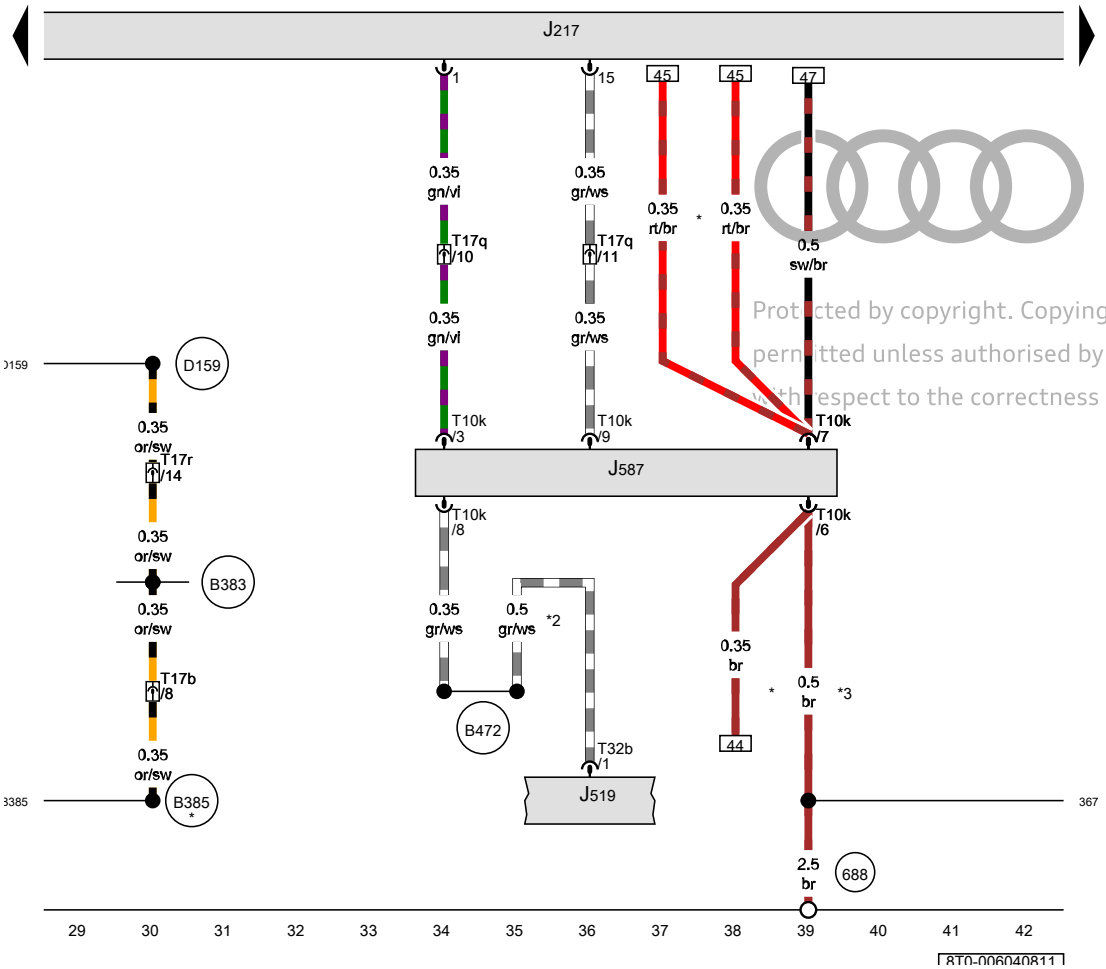
D159 Connection (high bus), in engine compartment wiring harness

D160 Connection (low bus), in engine compartment wiring harness

* see applicable current flow diagram for engine
*2 gradual introduction

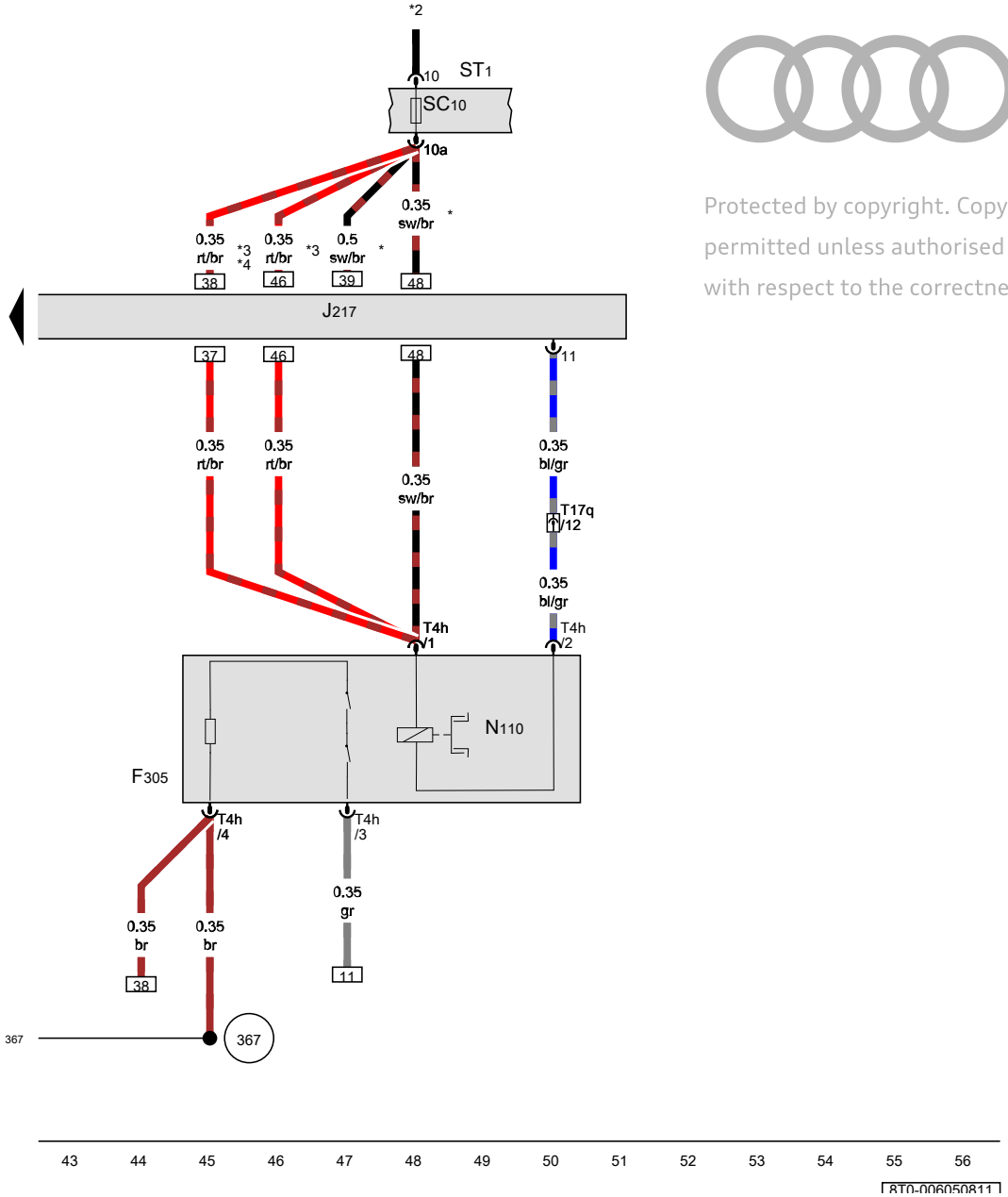
Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit

J217	Automatic gearbox control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
T10k	10-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B472	Connection 8, in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
*	gradual introduction
*2	Cross section depends on equipment
*3	Gradually discontinued



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Gear selector position P switch, Automatic gearbox control unit, Selector lever lock solenoid

F305	Gear selector position P switch
J217	Automatic gearbox control unit
N110	Selector lever lock solenoid
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T4h	4-pin connector
T17q	17-pin connector, red
367	Earth connection 2, in main wiring harness
*	Up to April 2009
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Gradually discontinued

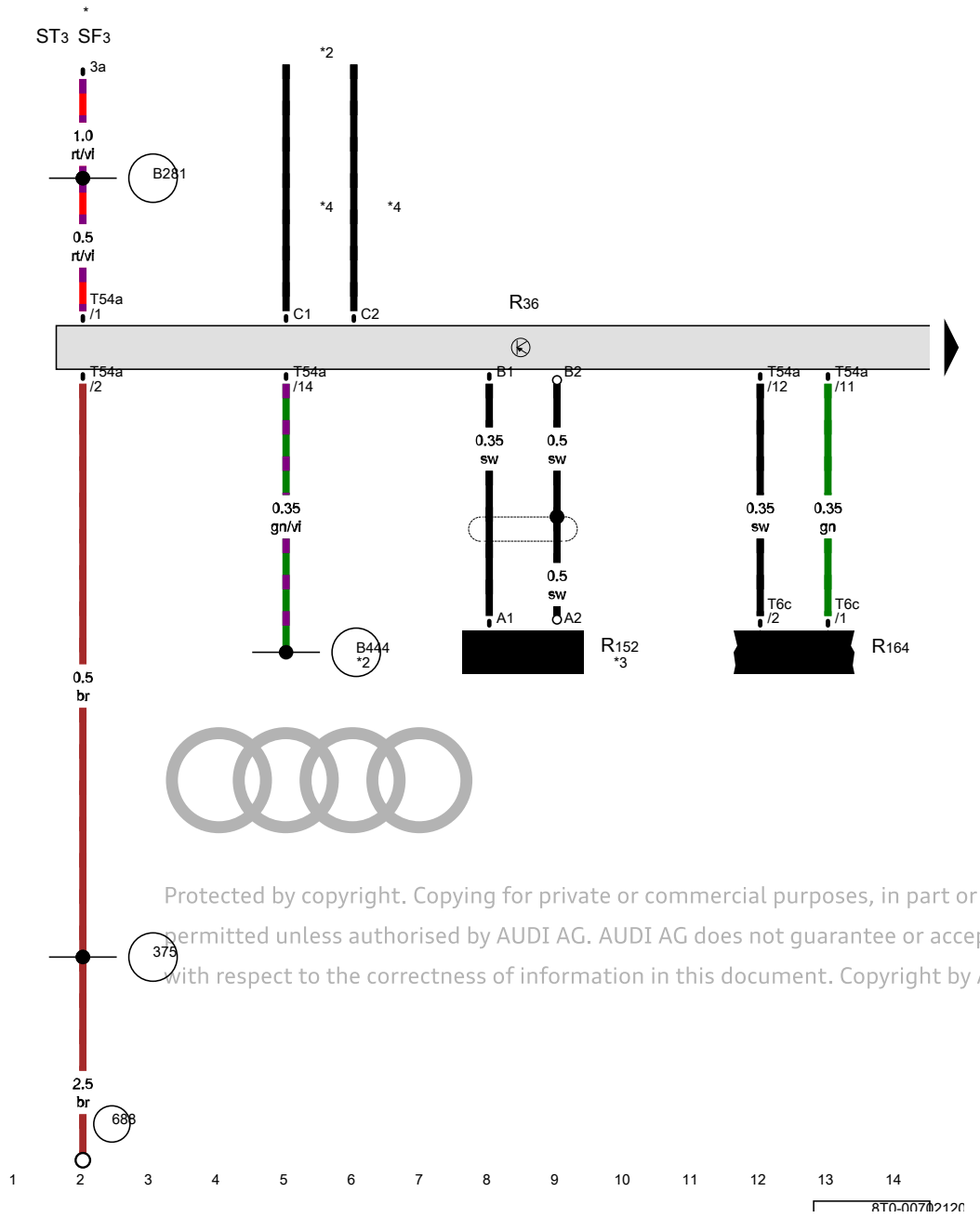
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Preparation for mobile telephone (MOST bus) - USA

From June 2007

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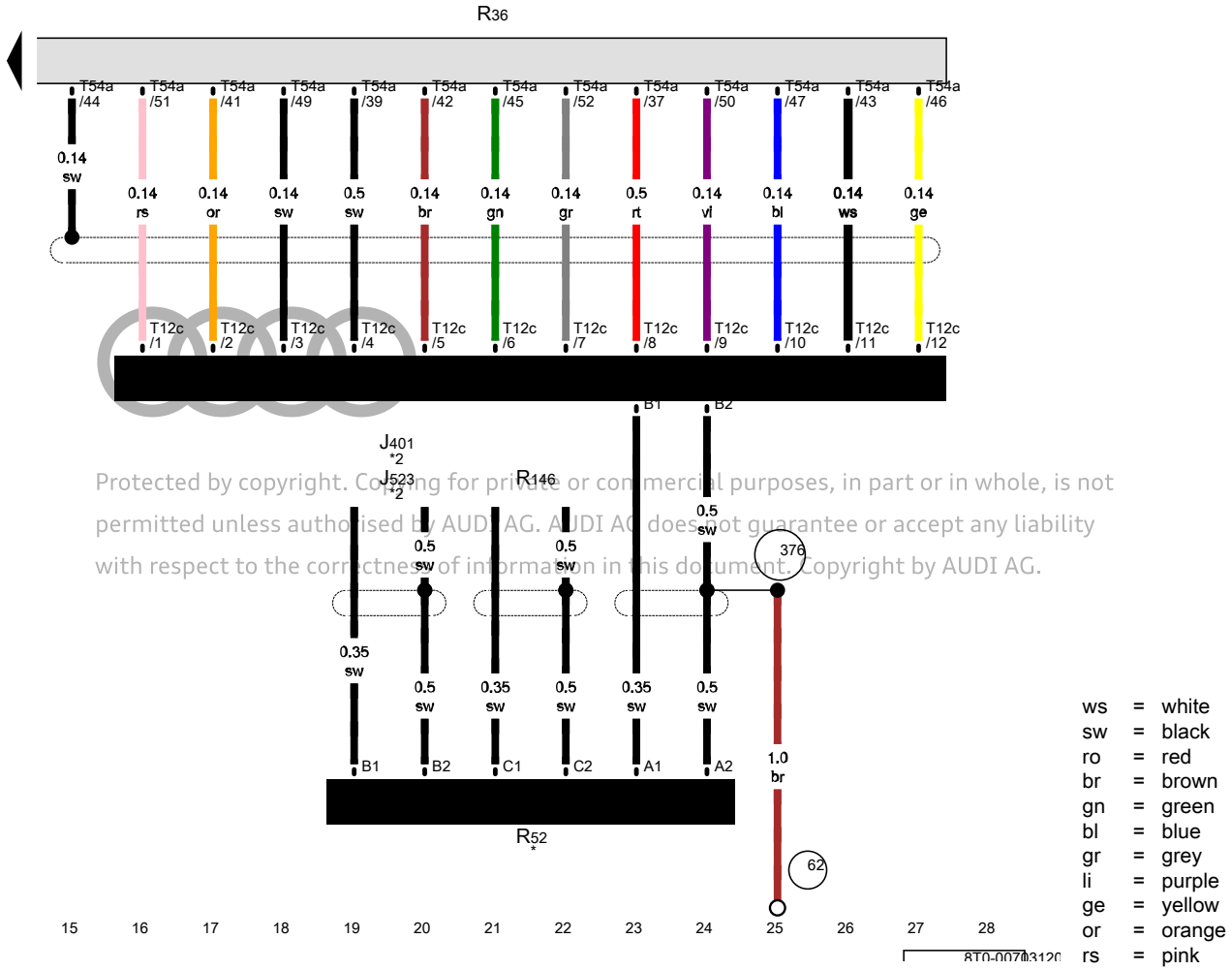
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Telephone transmitter and receiver unit, Telephone microphone, Aerial for Bluetooth, Microphone unit in front roof module

R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T6c	6-pin connector
T54a	54-pin connector
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) 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
*3	Only models with Bluetooth
*4	Fibre optic cable (FOC)

Telephone transmitter and receiver unit, Radio, telephone and navigation system aerial, Telephone bracket

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
R36	Telephone transmitter and receiver unit
R52	Radio, telephone and navigation system aerial
R126	Telephone bracket
R146	Satellite radio
R170	Satellite aerial
T12c	12-pin connector
T54a	54-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	According to equipment



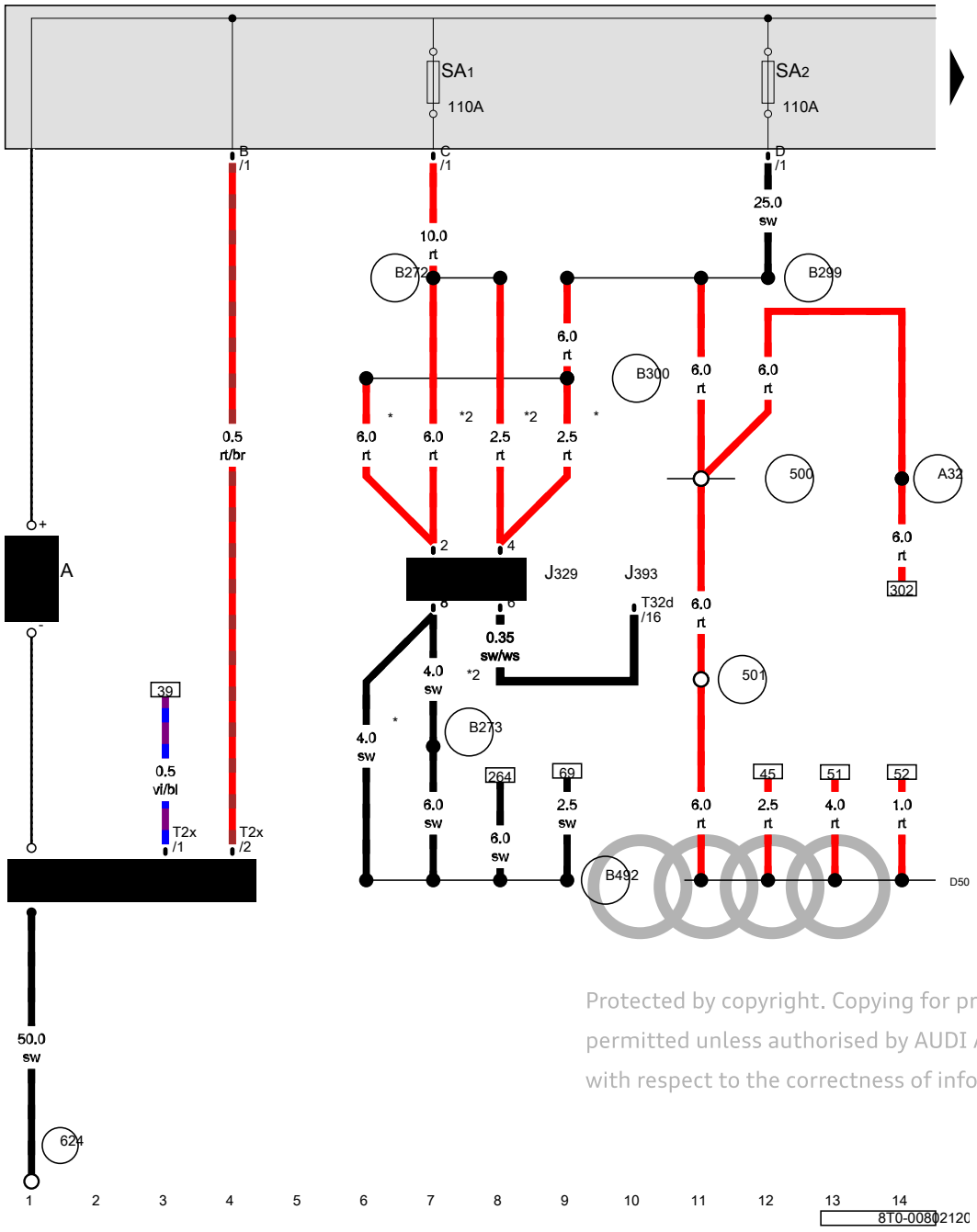
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6-cylinder diesel engine , CAMA,CAMB,CAPA

From June 2007

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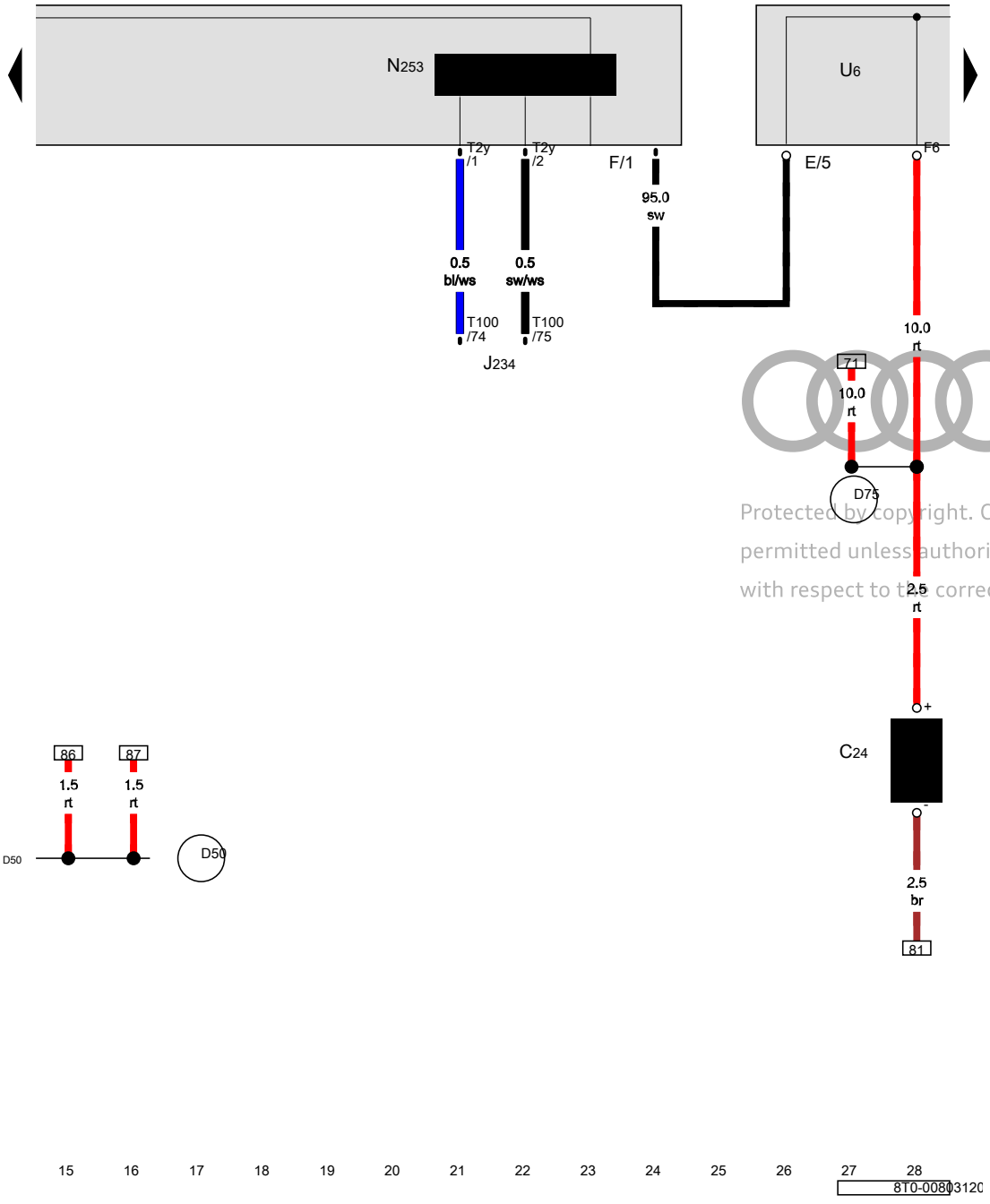


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
624	Earth point, starter battery
A32	Positive connection (30), in dash panel wiring harness
B272	Positive connection (30), in main wiring harness
B273	Positive connection (15), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	From September 2007
*2	Up to August 2007

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sw	=	black
ro	=	red
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gn	=	green
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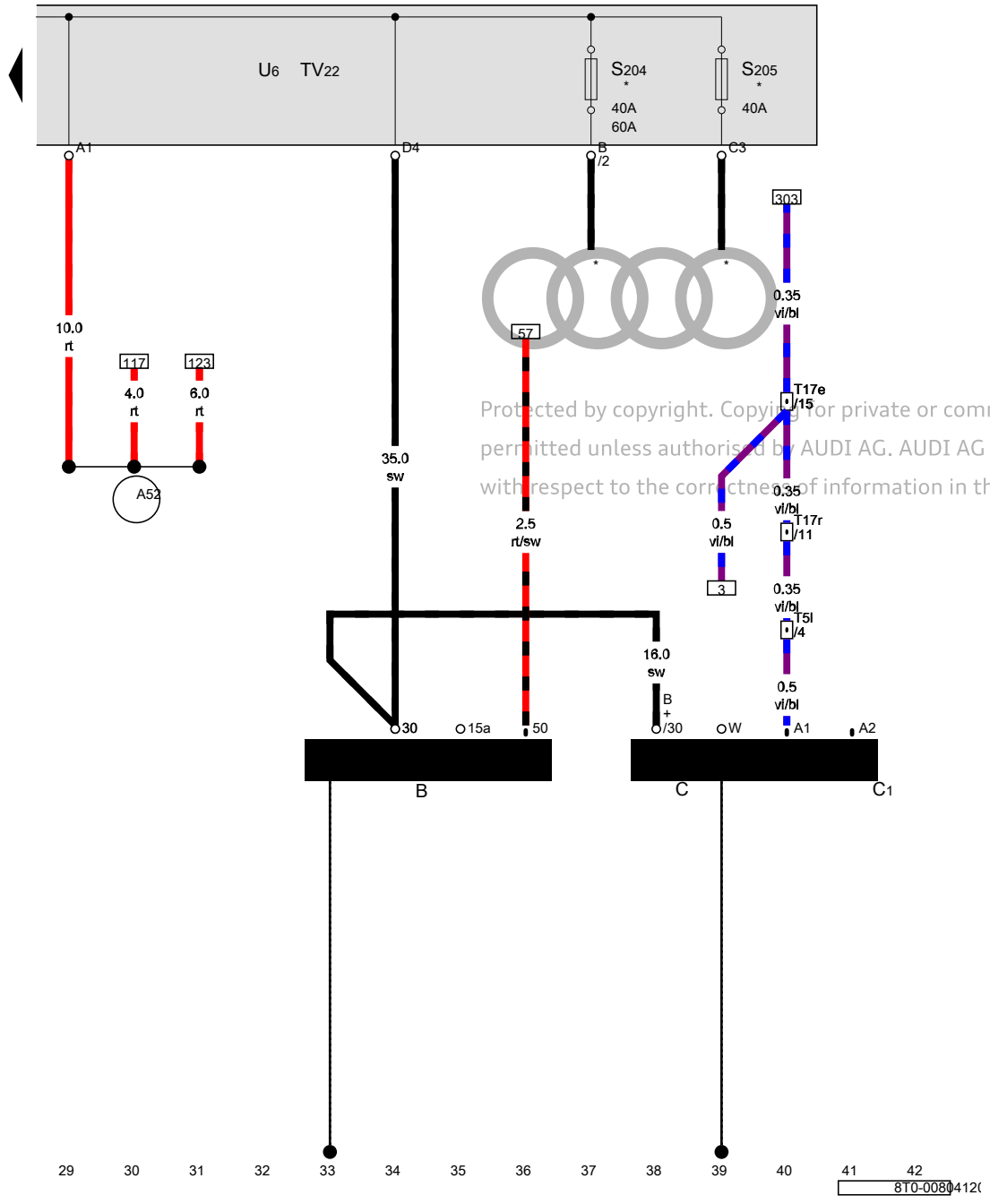
Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness

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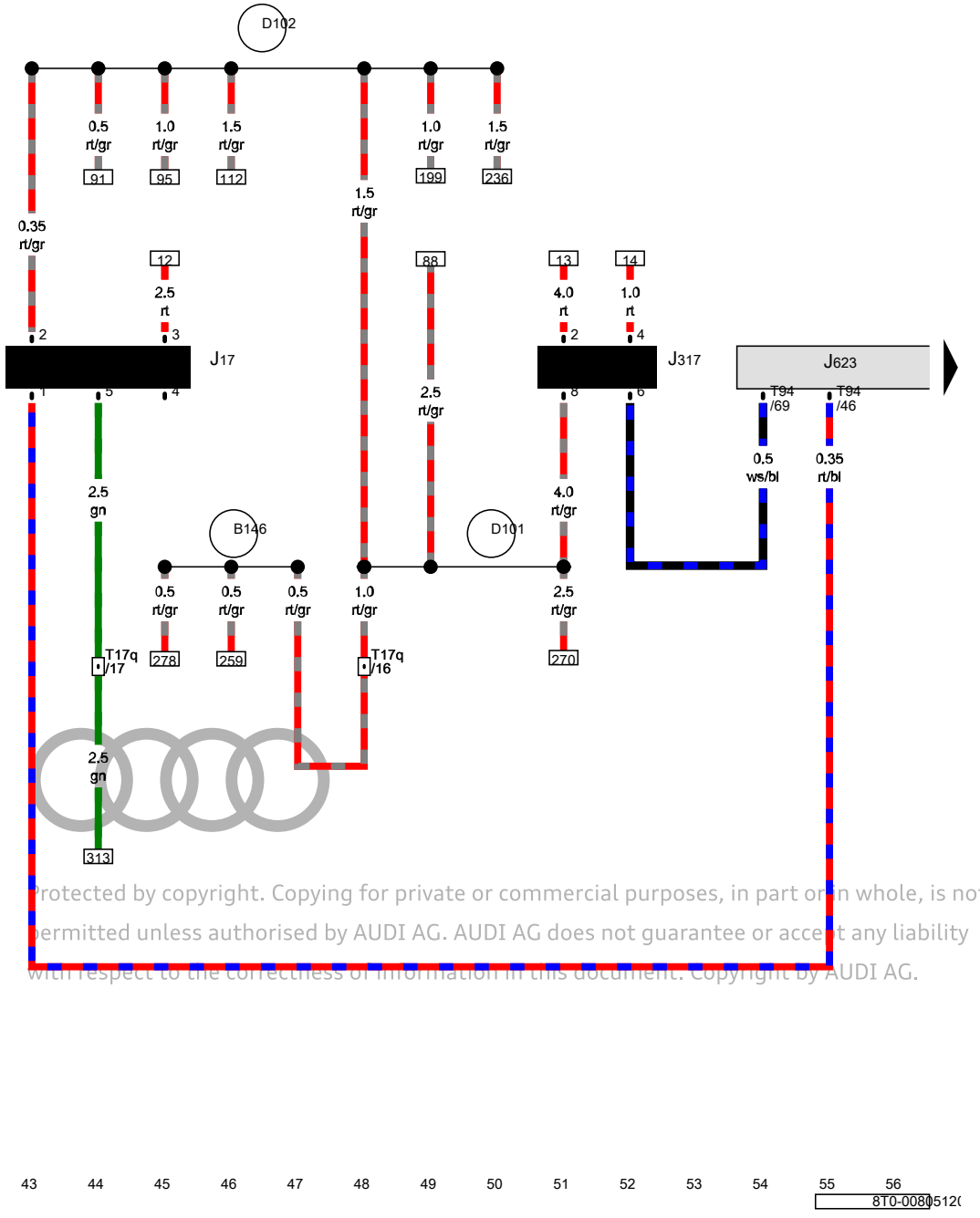
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
A52	Positive connection 2 (30), in dash panel wiring harness
*	see applicable current flow diagram for radiator fan



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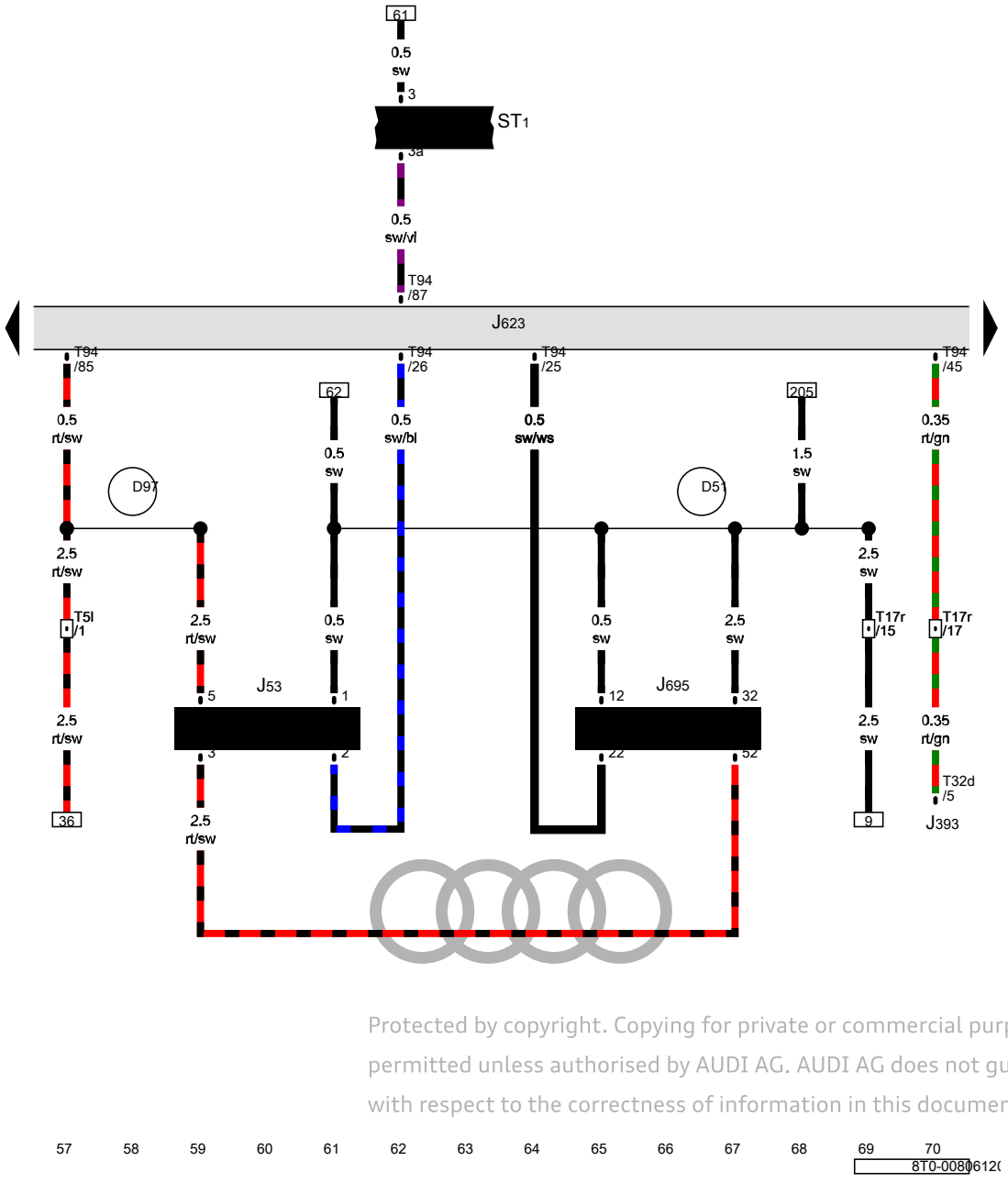
Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness

ws	=	white
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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness

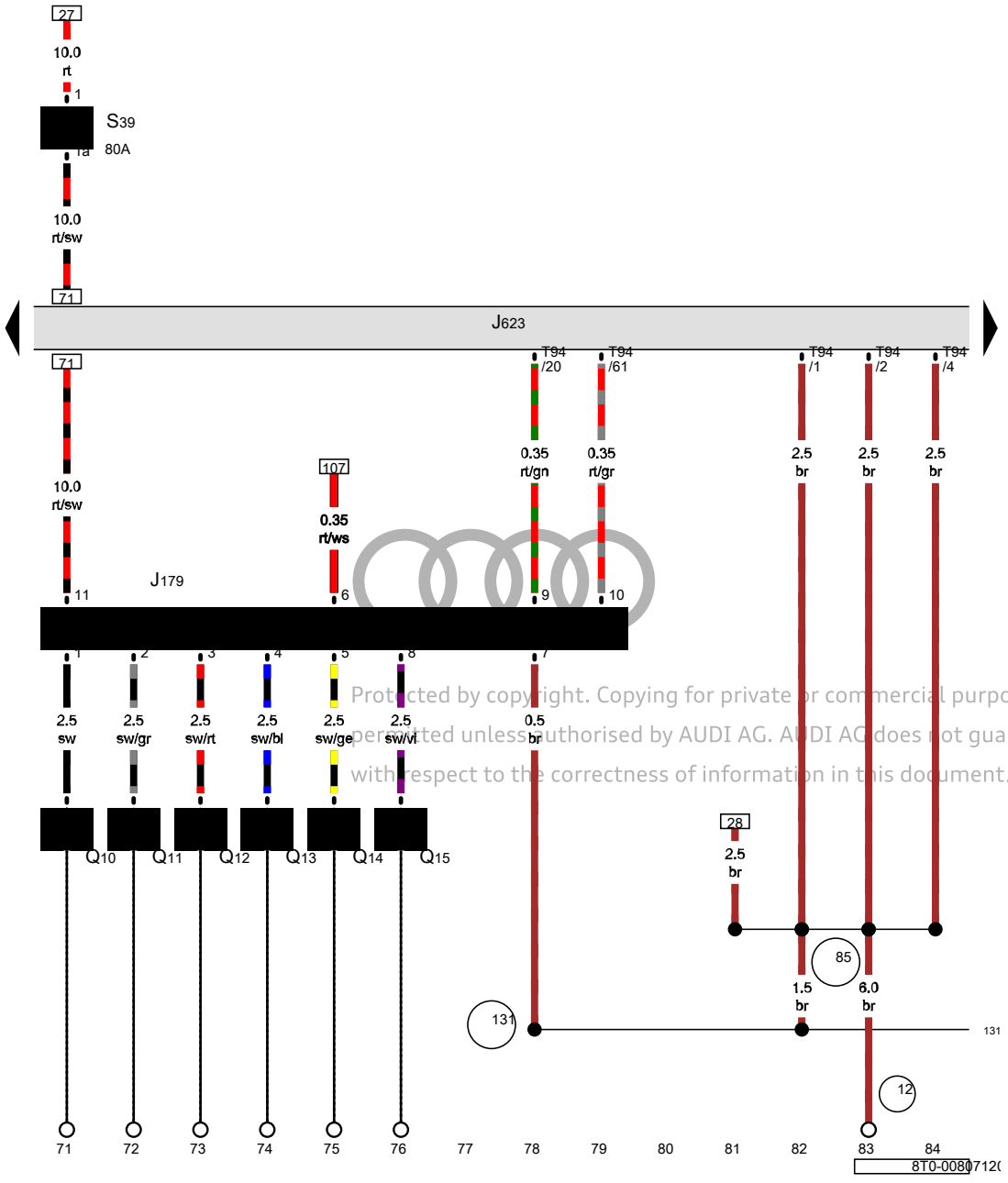


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Automatic glow period control unit, Engine control unit

J179	Automatic glow period control unit
J623	Engine 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
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness

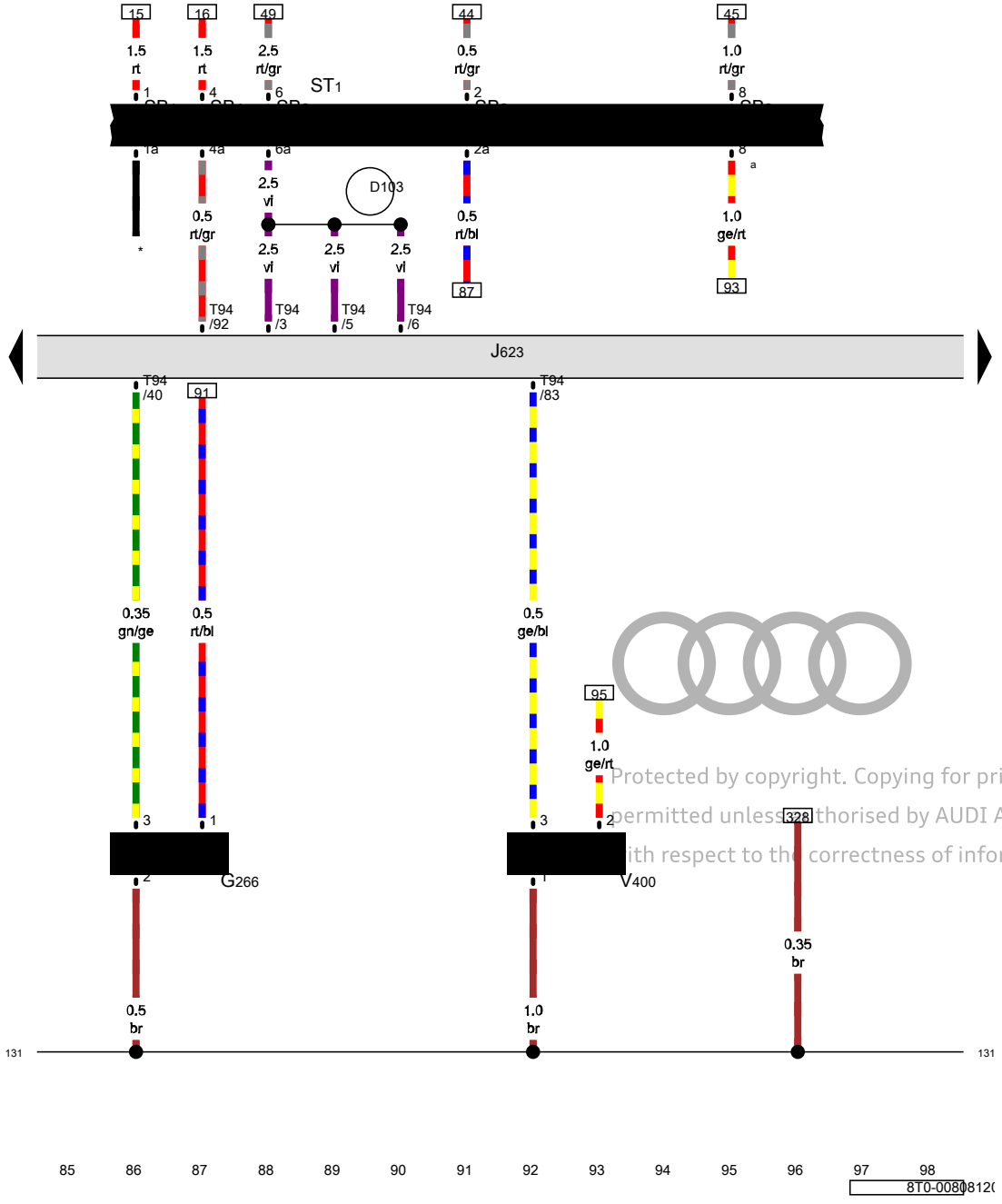


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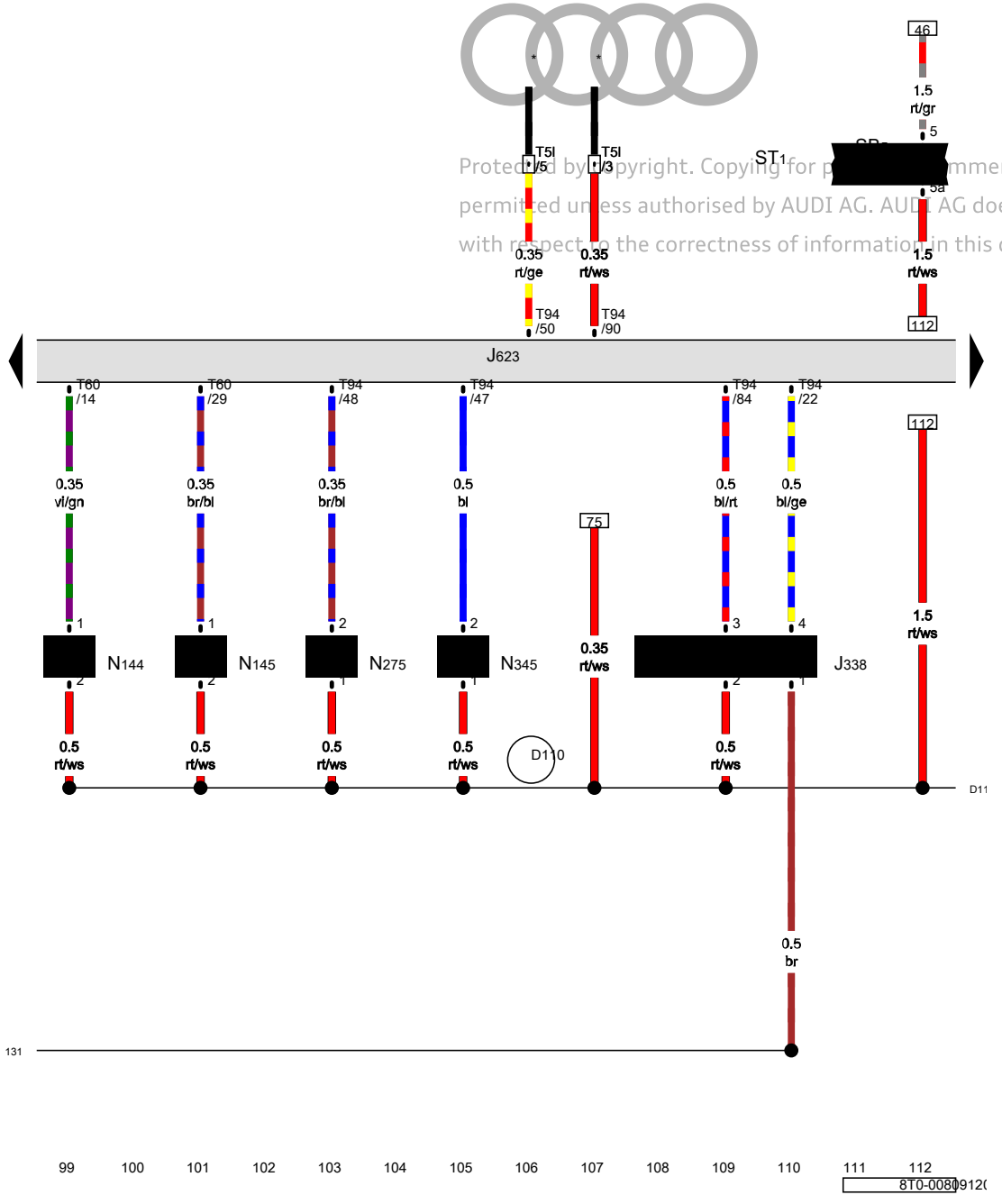
Oil level and oil temperature sender, Engine control unit

G266	Oil level and oil temperature sender
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB8	Fuse 8 on fuse holder B
T94	94-pin connector
V400	Pump for exhaust gas recirculation cooler
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for gearbox



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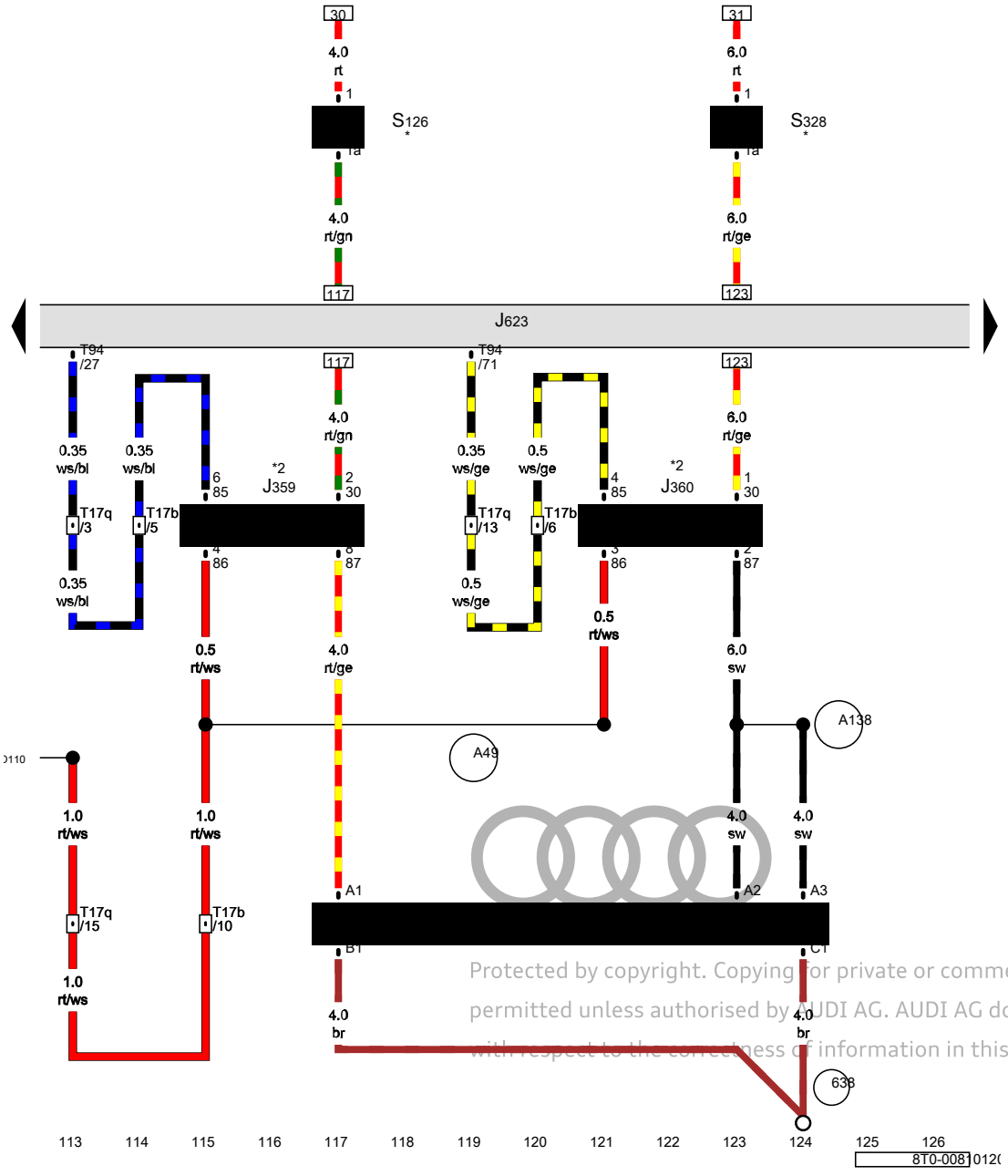


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Throttle valve module, Engine control unit, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve

J338	Throttle valve module
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan



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

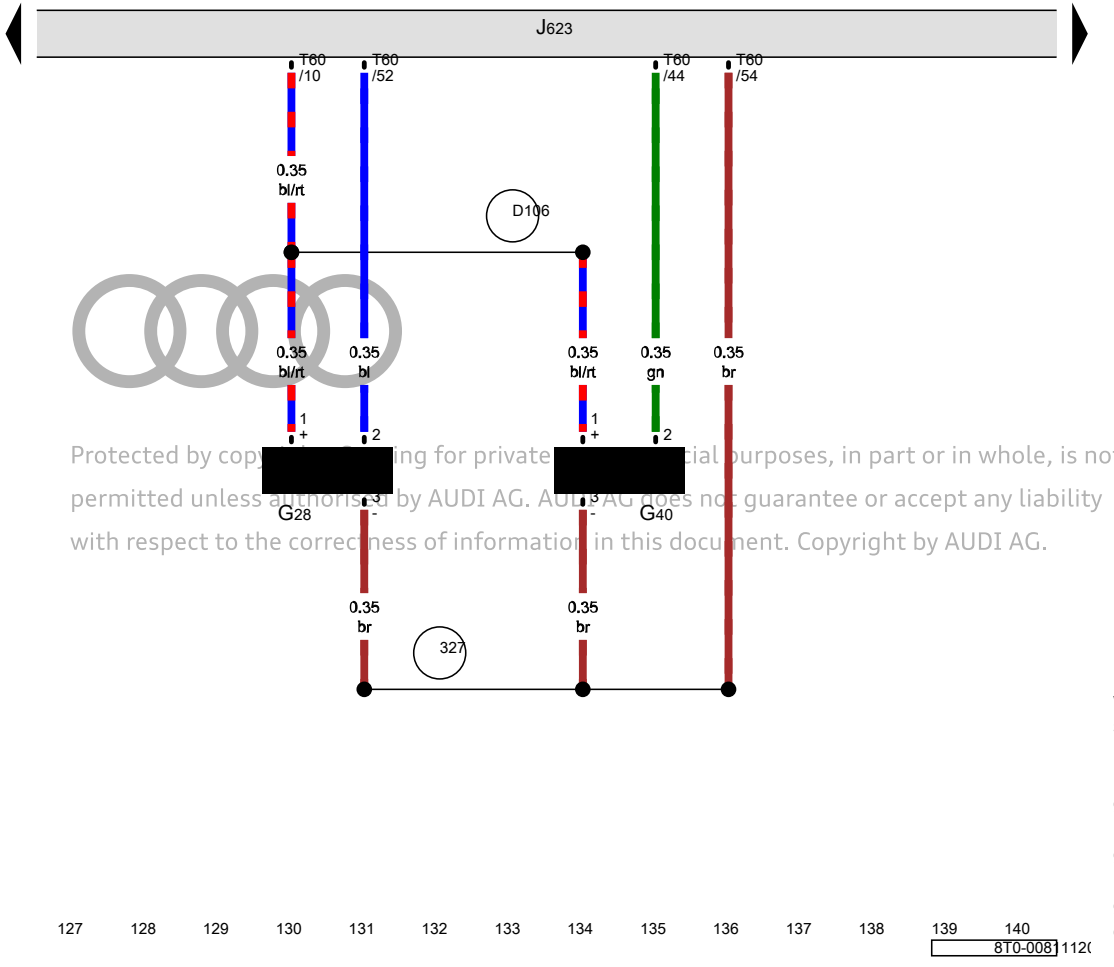
J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
638	Earth point, on right A-pillar
A49	Connection 1, in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Only models with auxiliary air heater
*2	According to equipment

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Engine speed sender, Hall sender, Engine control unit

G28	Engine speed sender
G40	Hall sender
J623	Engine control unit
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness

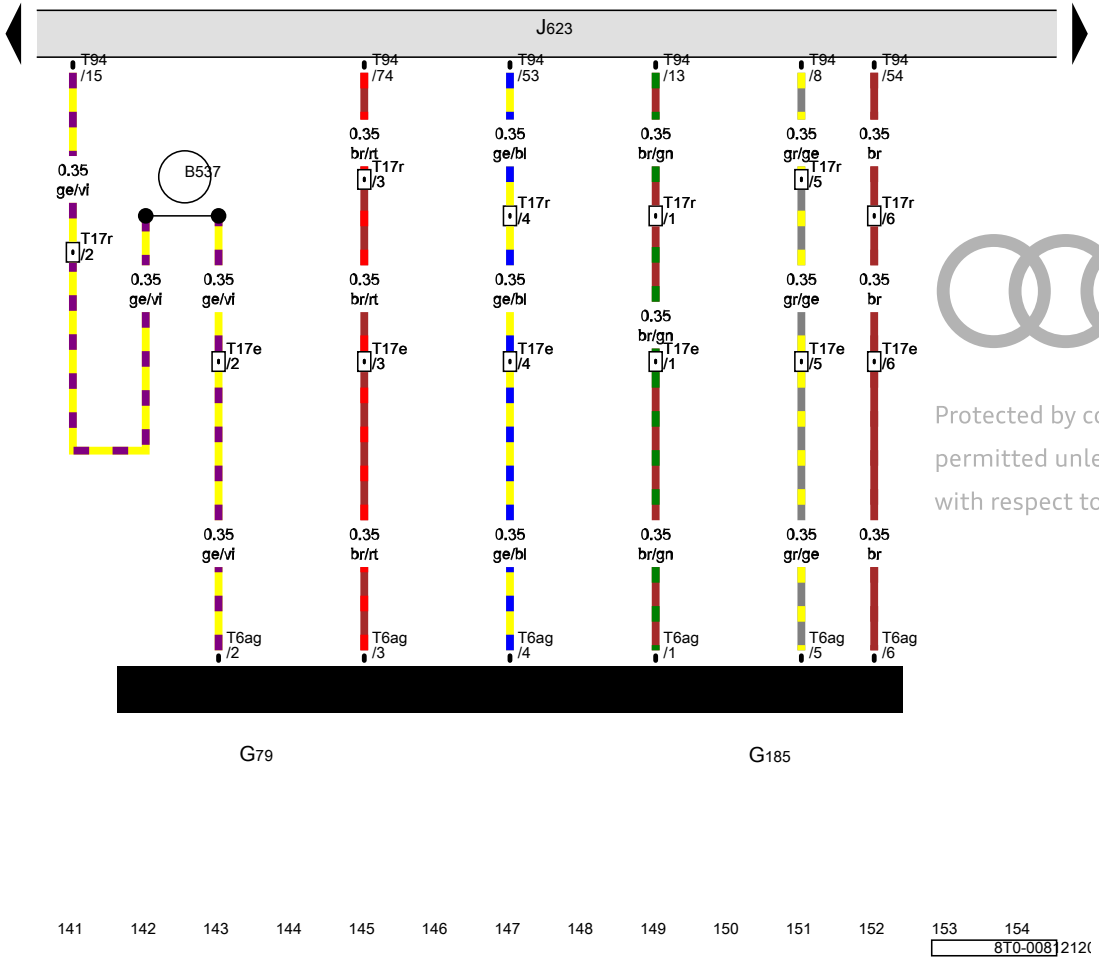


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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

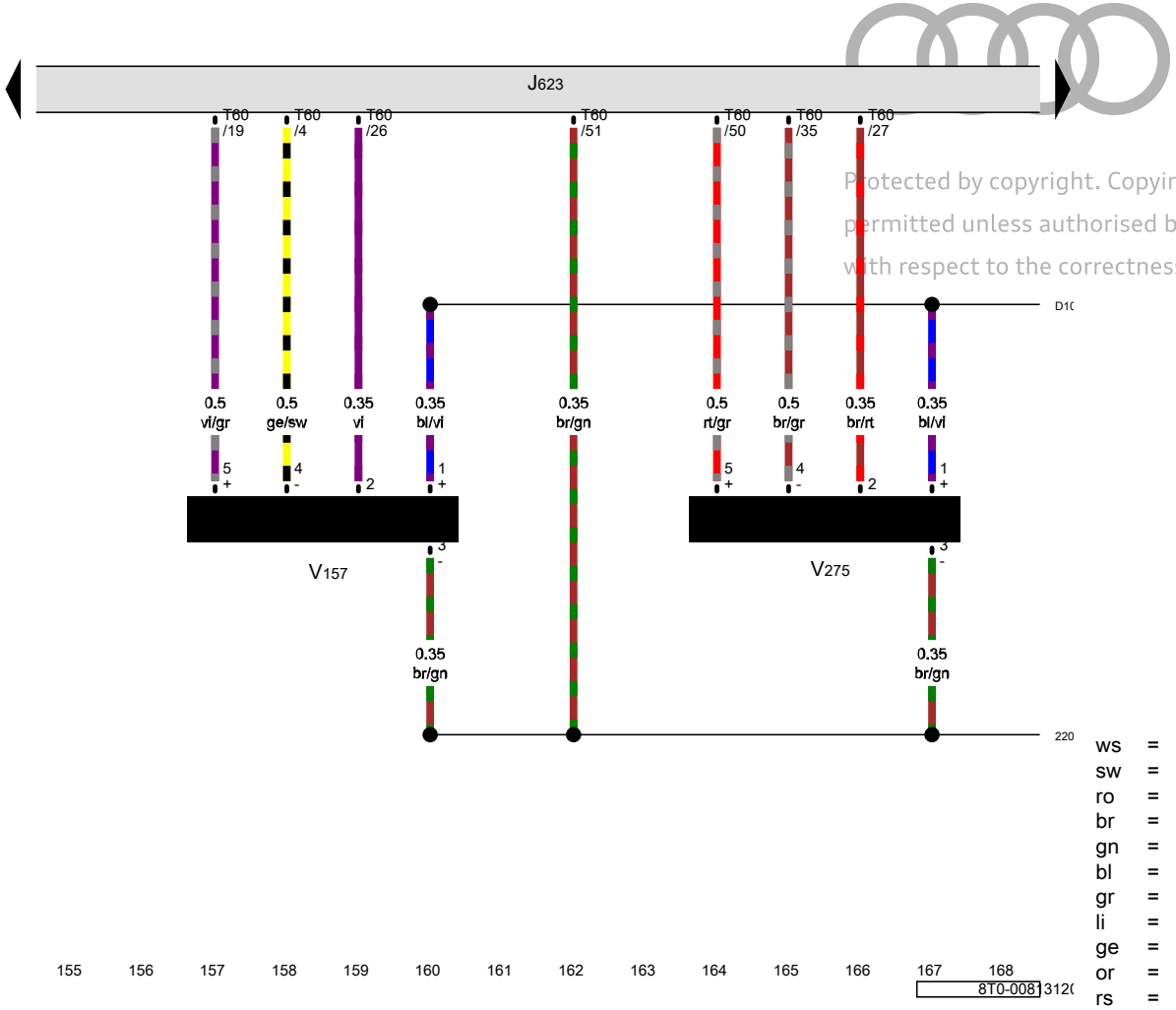


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Engine control unit, Intake manifold flap motor, Intake manifold flap 2 motor

J623	Engine control unit
T60	60-pin connector
V157	Intake manifold flap motor
V275	Intake manifold flap 2 motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



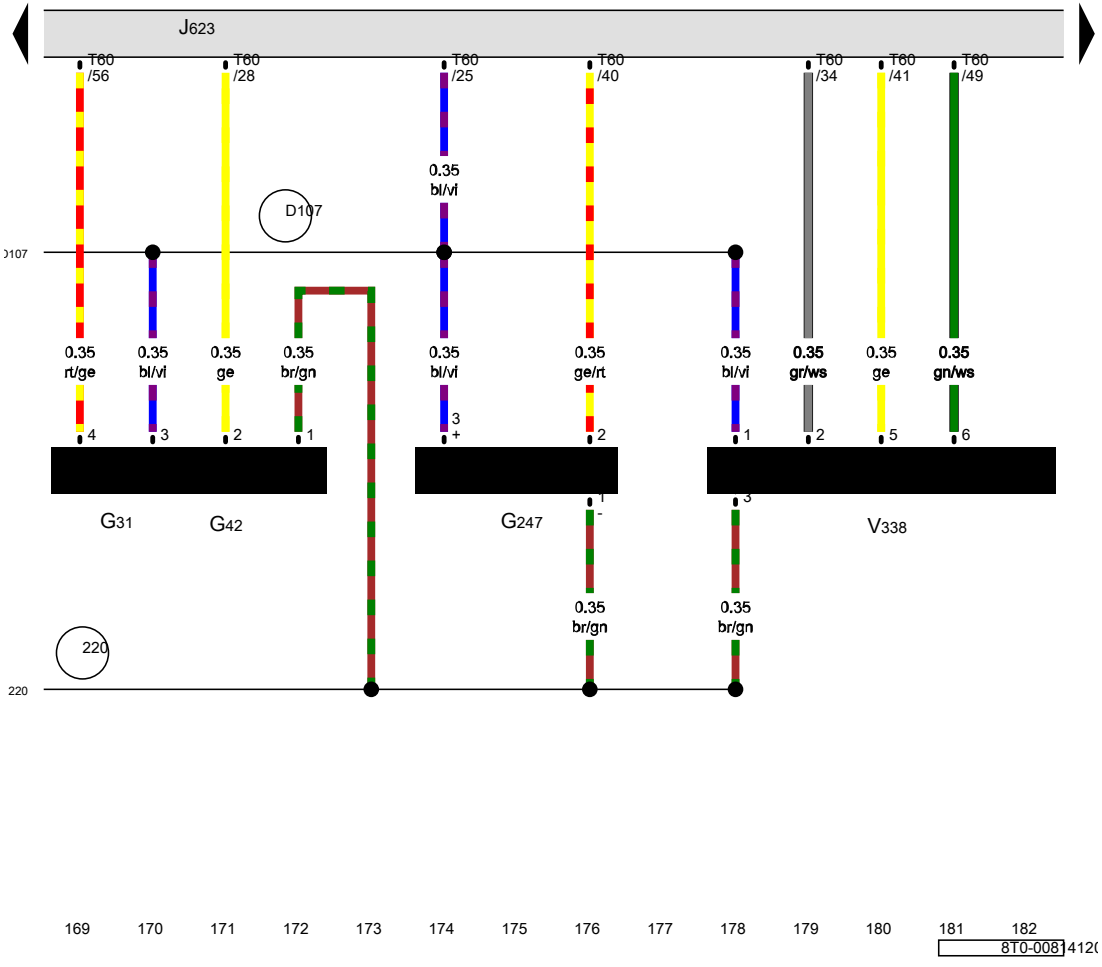
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Charge pressure sender, Intake air temperature sender, Fuel pressure sender, Engine control unit, Exhaust gas recirculation control motor

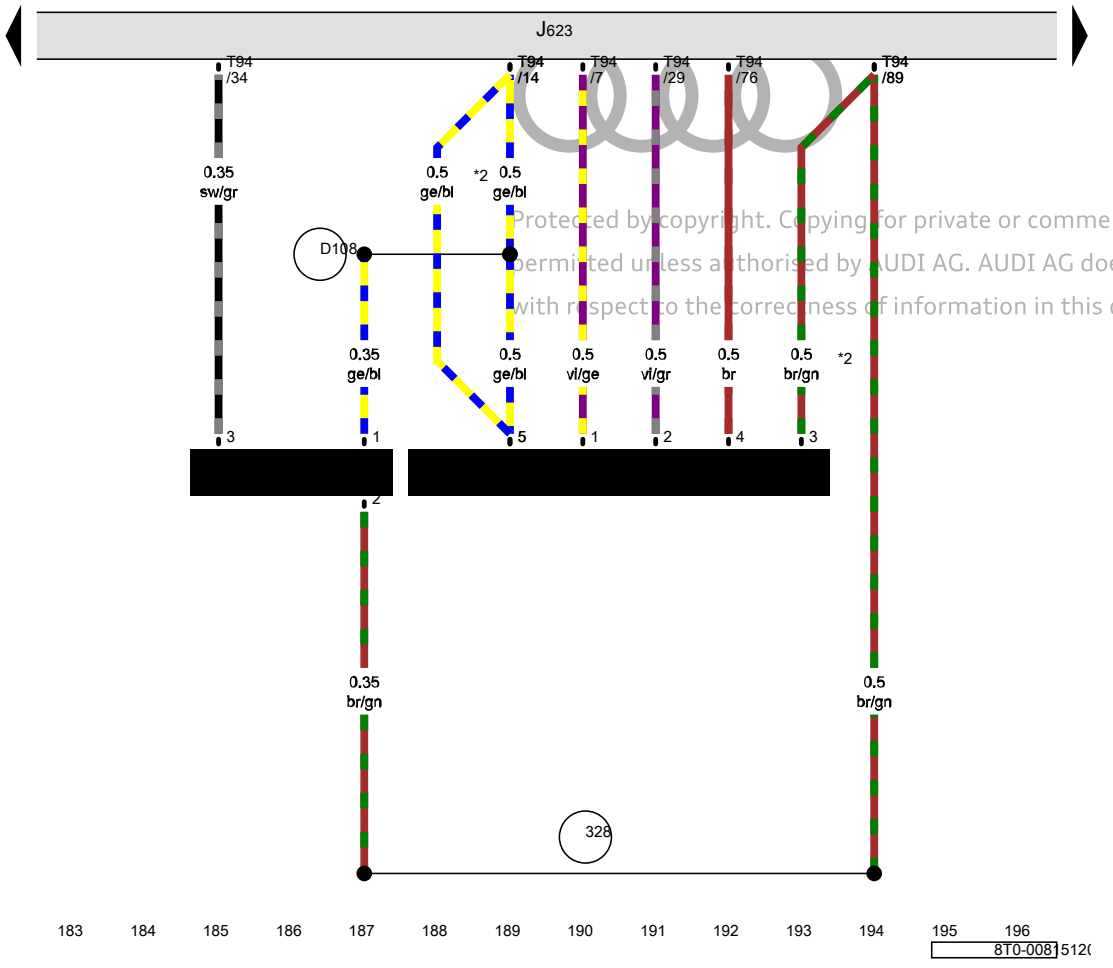
G31	Charge pressure sender
G42	Intake air temperature sender
G247	Fuel pressure sender
J623	Engine control unit
T60	60-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



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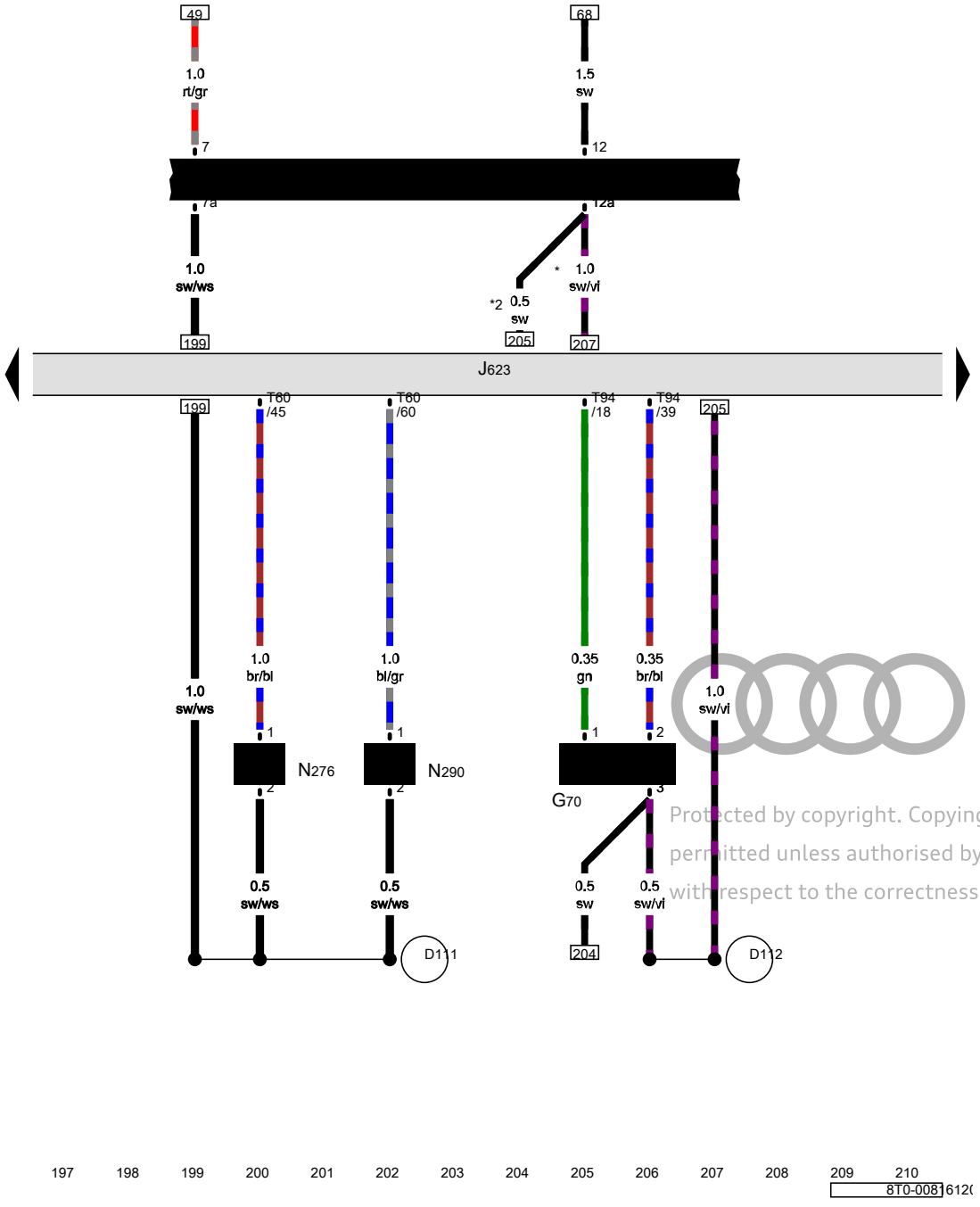
Exhaust gas pressure sensor 1, Engine control unit, Turbocharger 1 control unit

G450	Exhaust gas pressure sensor 1
J623	Engine control unit
J724	Turbocharger 1 control unit
T94	94-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	According to equipment



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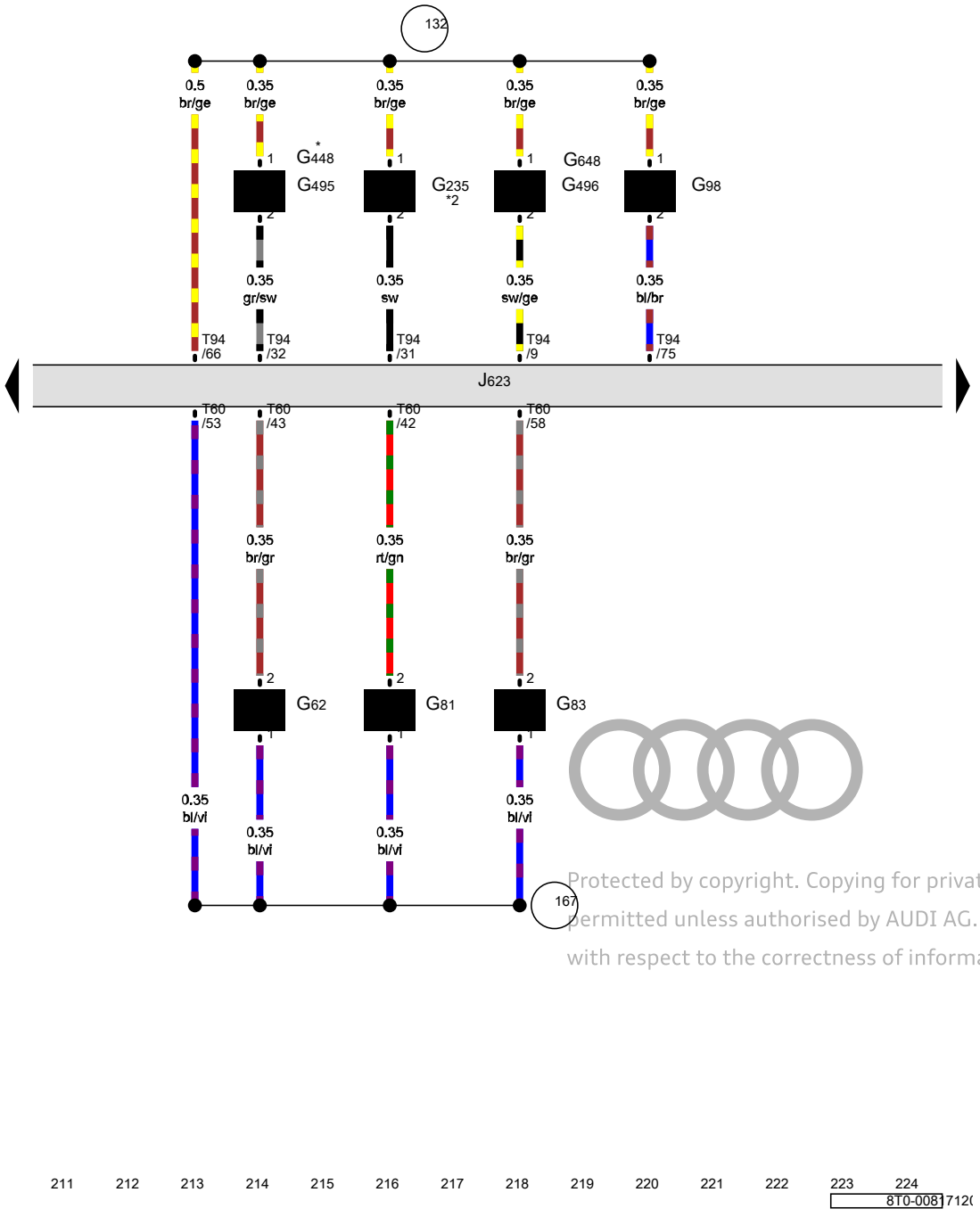


Air mass meter, Engine control unit

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox

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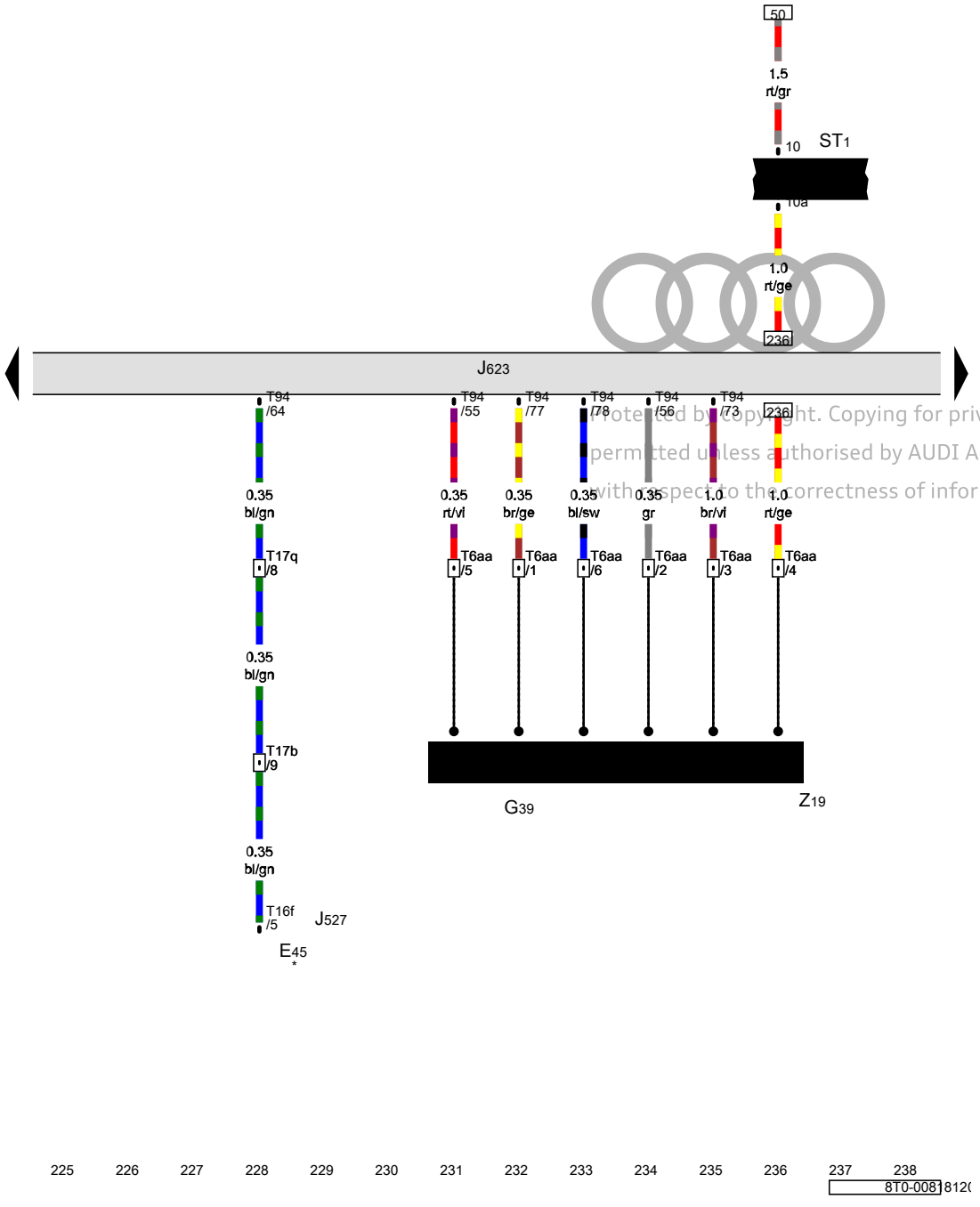


Coolant temperature sender, Engine control unit

G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant 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
G496	Exhaust gas temperature sender 3 for bank 1
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
132	Earth connection 3, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
*	Only models with US equipment
*2	According to equipment

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Lambda probe, Engine control unit

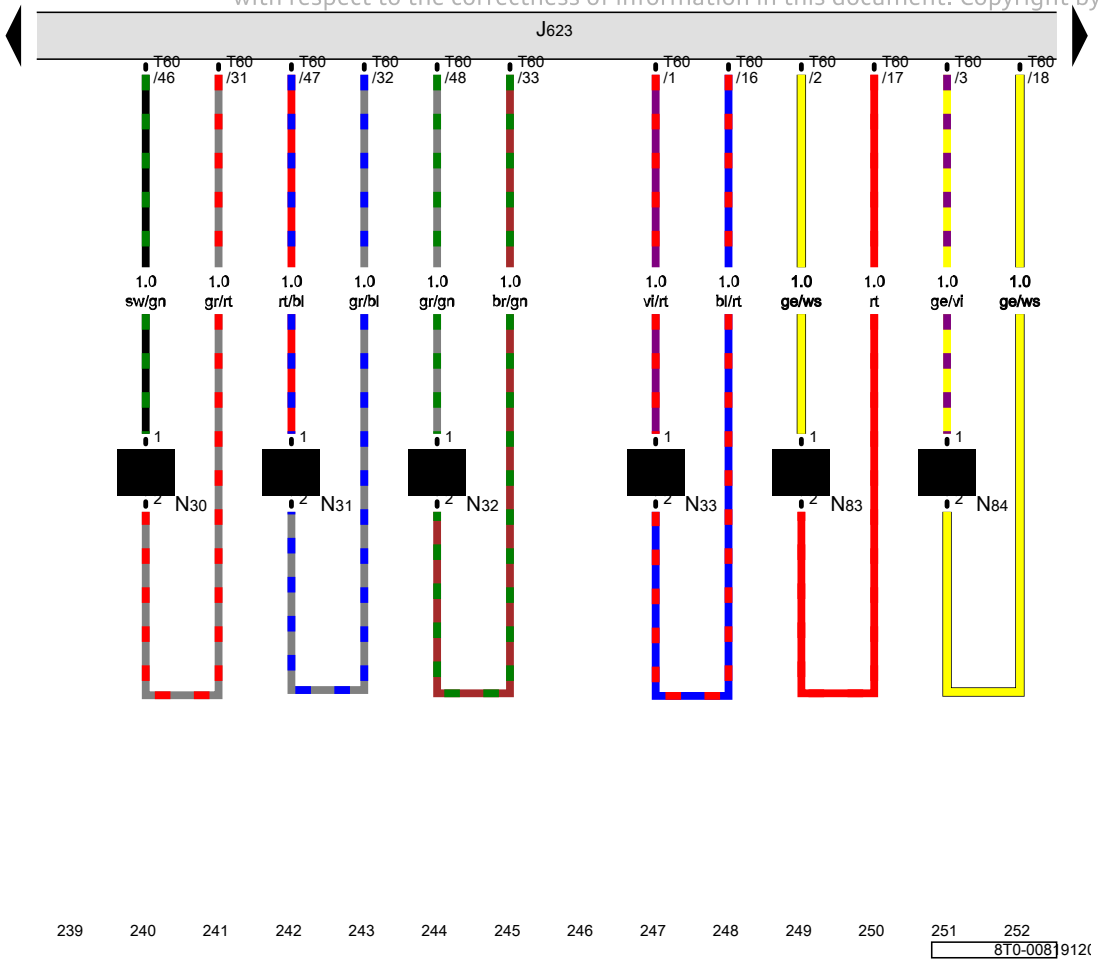
E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

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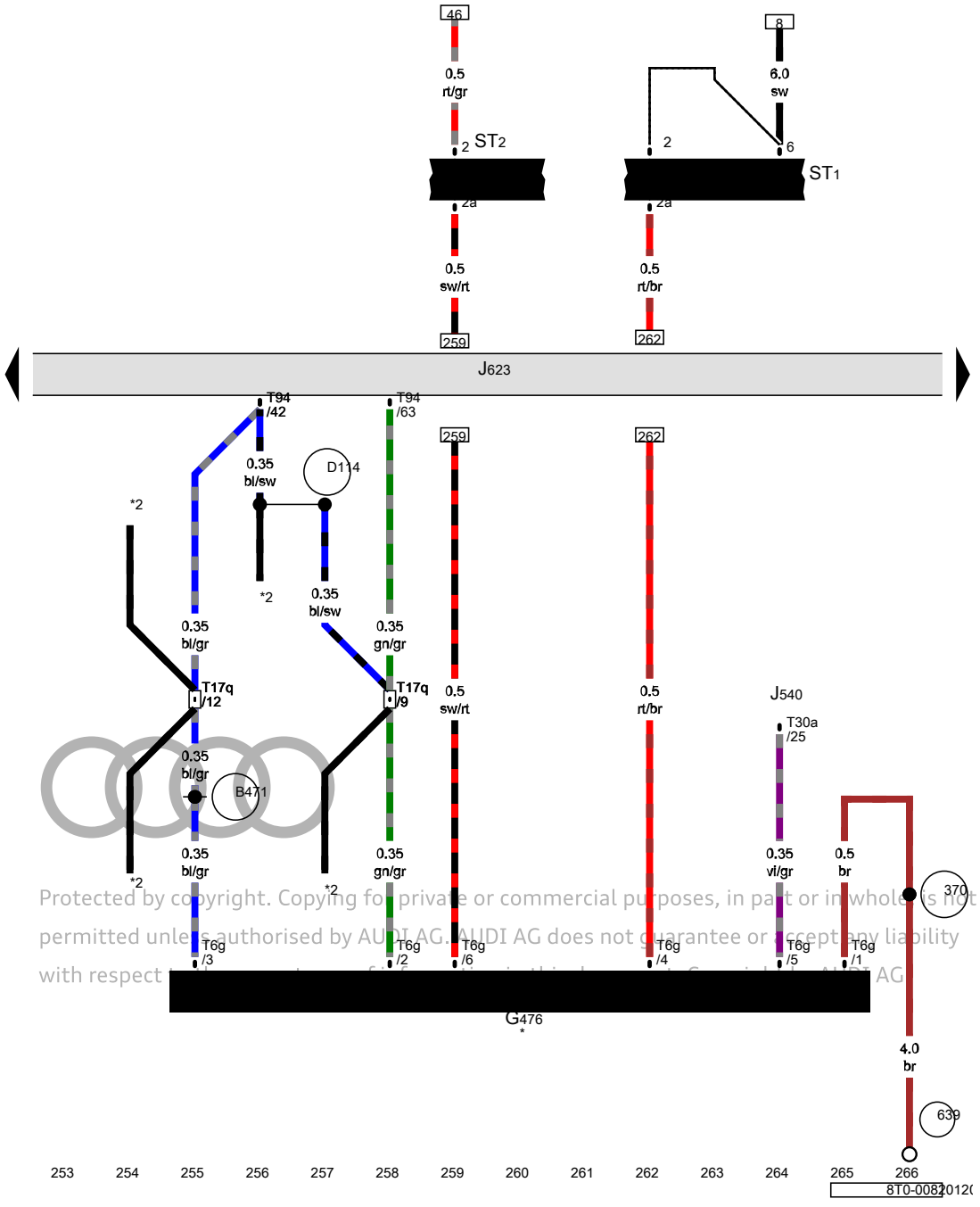
Engine control unit, Injector, cylinder 1, Injector, cylinder 6

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
T60	60-pin connector

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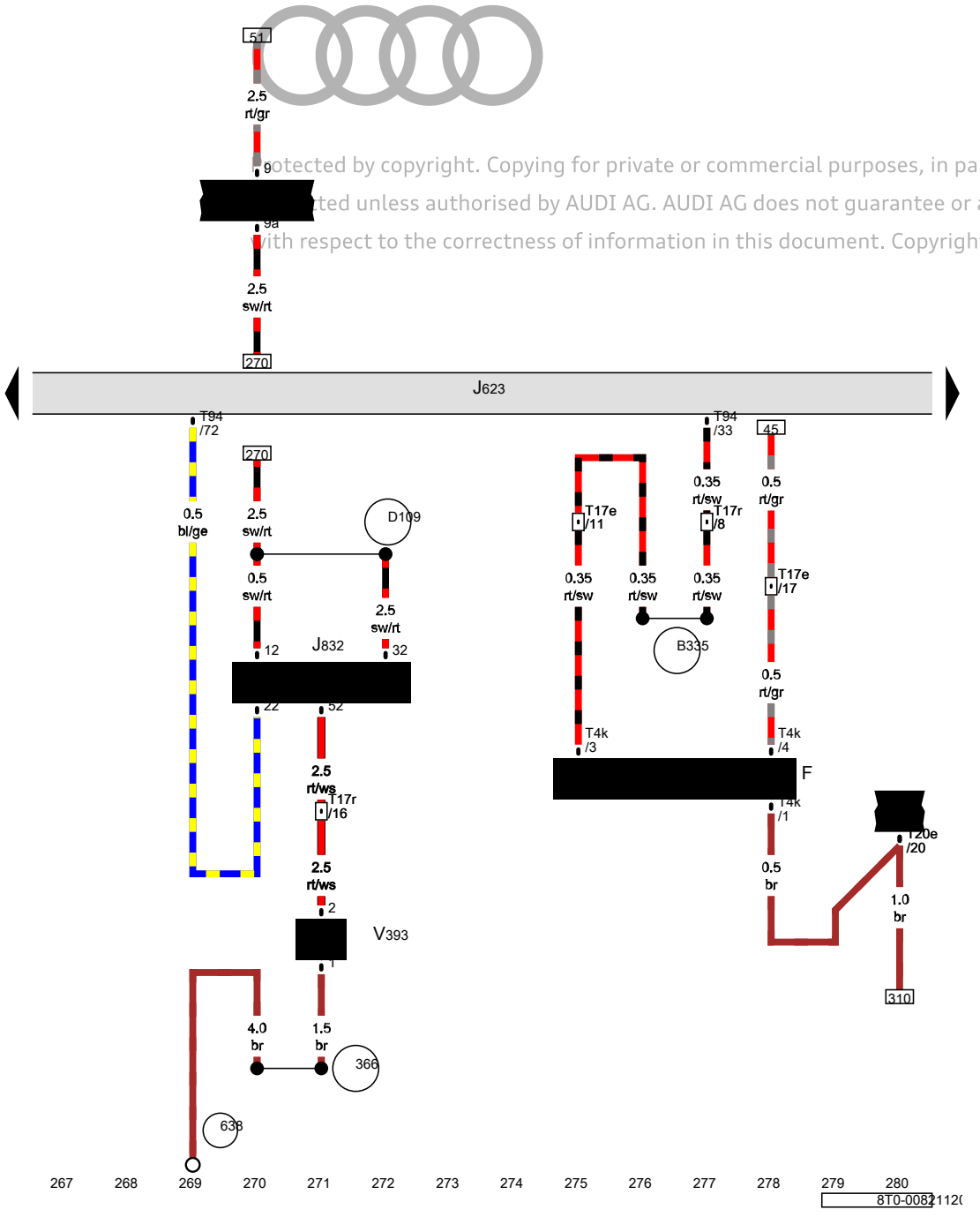
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Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for automatic gearbox

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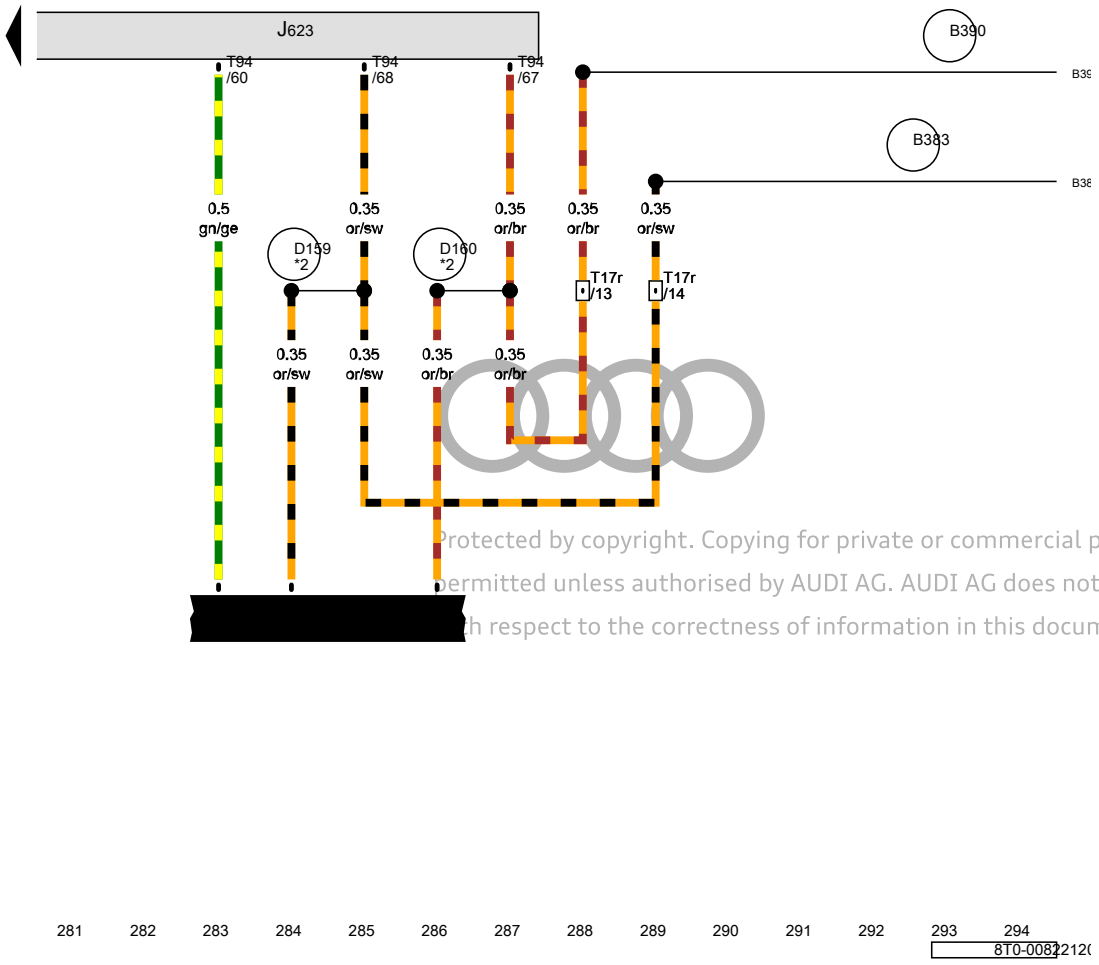
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Brake light switch, Engine control unit, Supplementary fuel pump

F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
J832	Relay for supplementary fuel pump
SB9	Fuse 9 on fuse holder B
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
V393	Supplementary fuel pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B335	Connection 1 (54), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Solenoid coil for brake light sensor

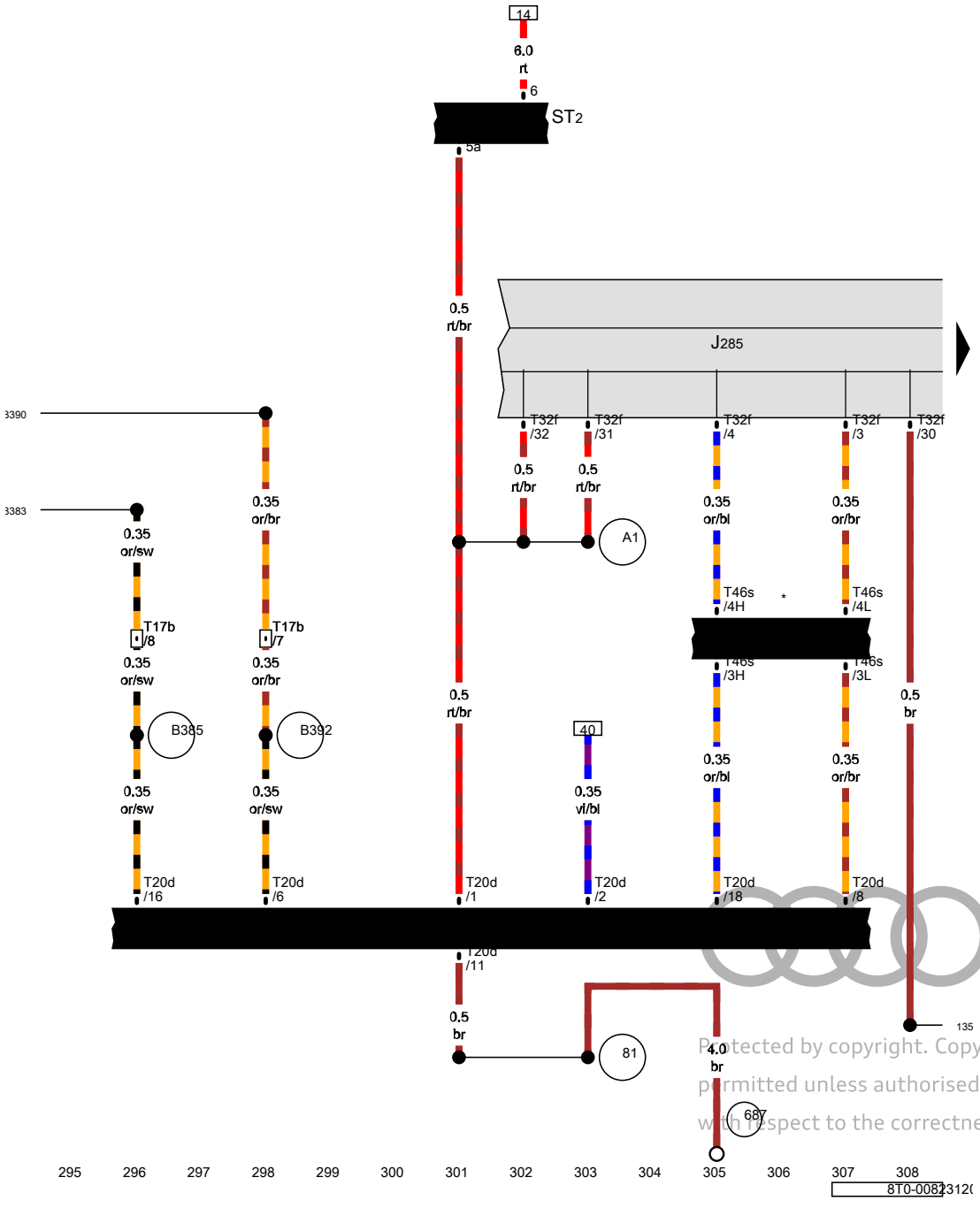
Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T17r	17-pin connector, white
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox



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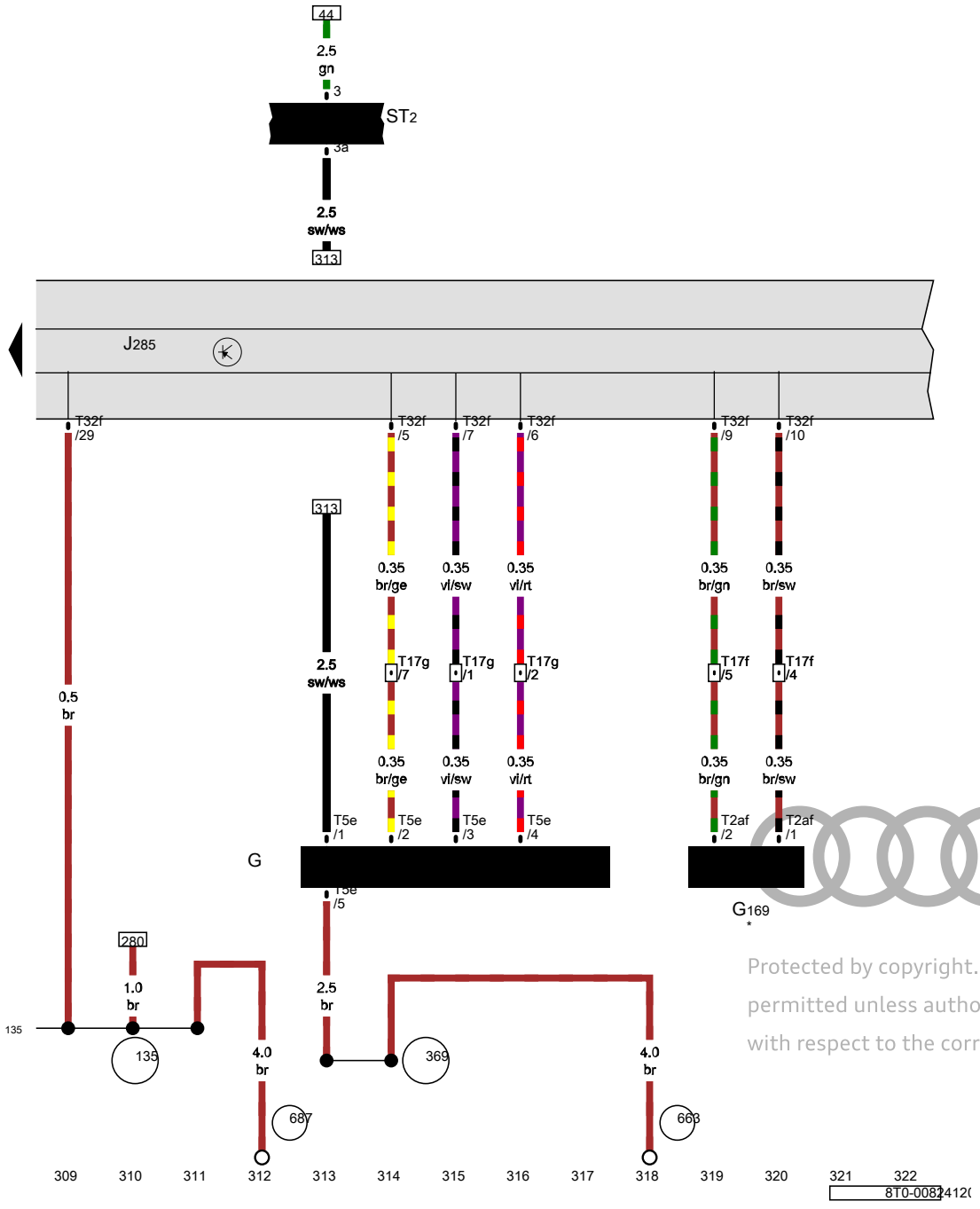


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
T17b	17-pin connector, blue
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
*	Front passenger side push-in bridge, brown
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox

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Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert

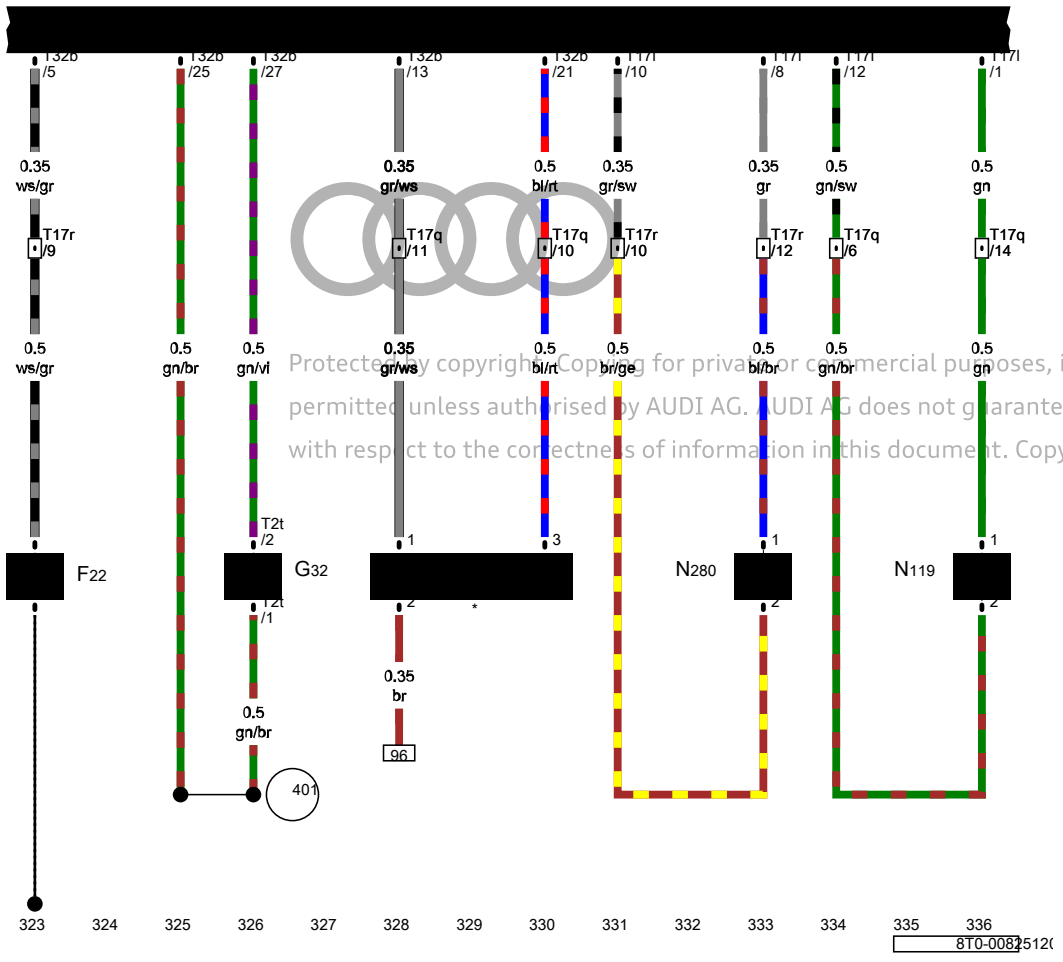
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T17f	17-pin connector
T17g	17-pin connector
T32f	32-pin connector
135	Earth connection 2, in dash panel wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
687	Earth point 1, on centre tunnel
*	Only models with all-wheel drive

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Gear detector switch, Onboard supply control unit, Air conditioner compressor regulating valve

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for automatic gearbox



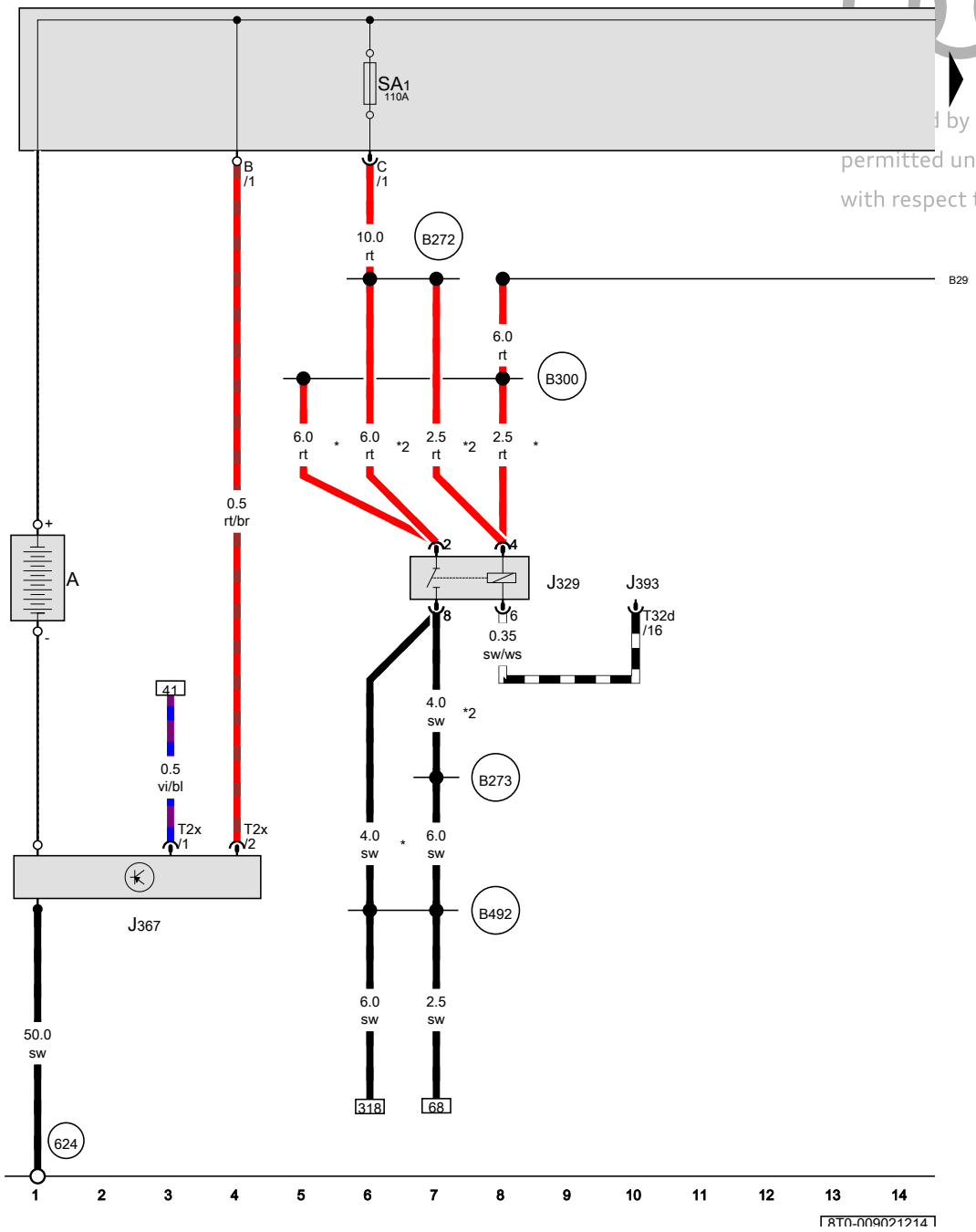
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4.2l petrol engine , CAUA

From June 2007

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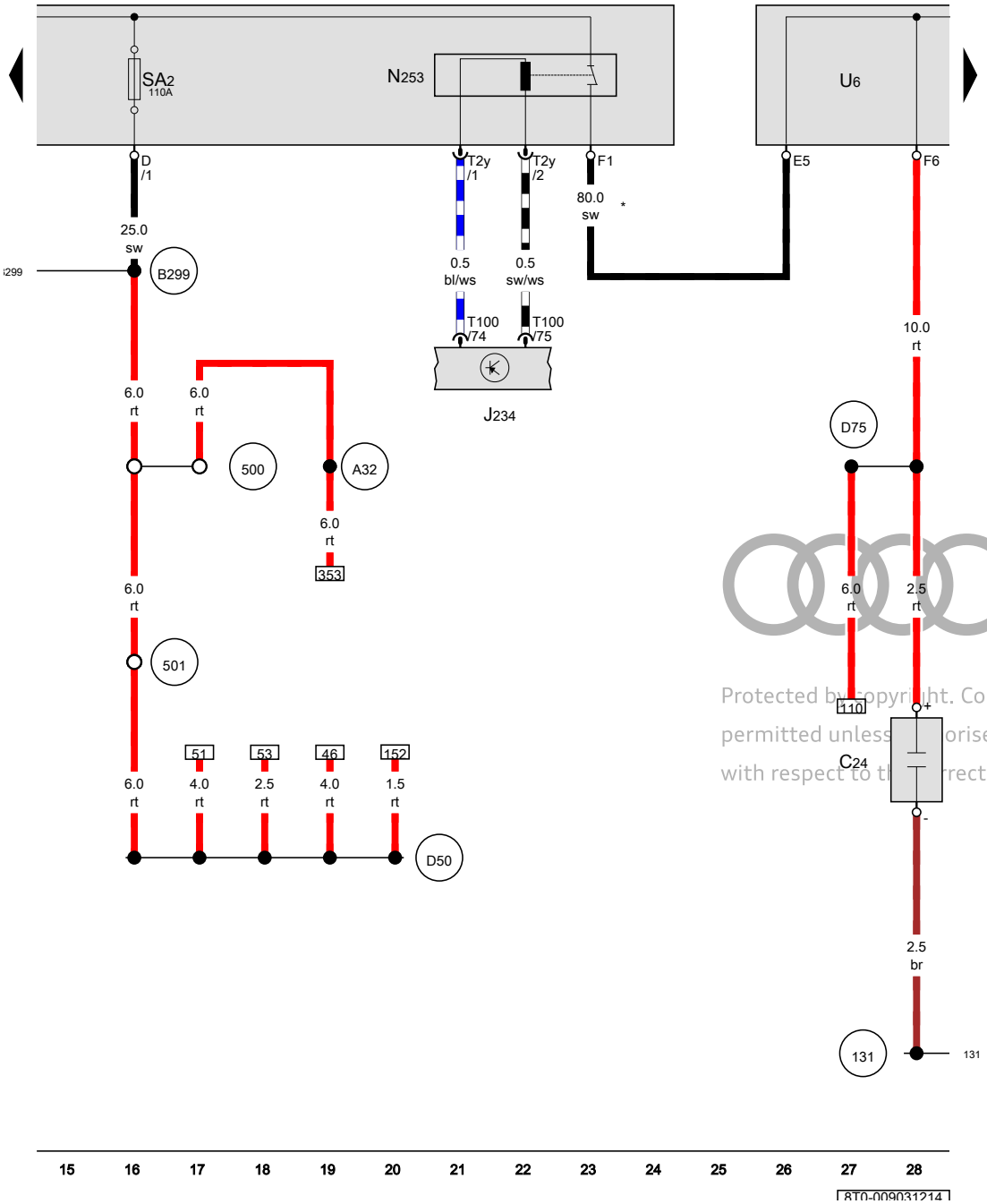


Battery, Terminal 15 voltage supply relay, Battery monitor control unit

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B272	Positive connection (30), in main wiring harness
B273	Positive connection (15), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	From September 2007
*2	Up to August 2007

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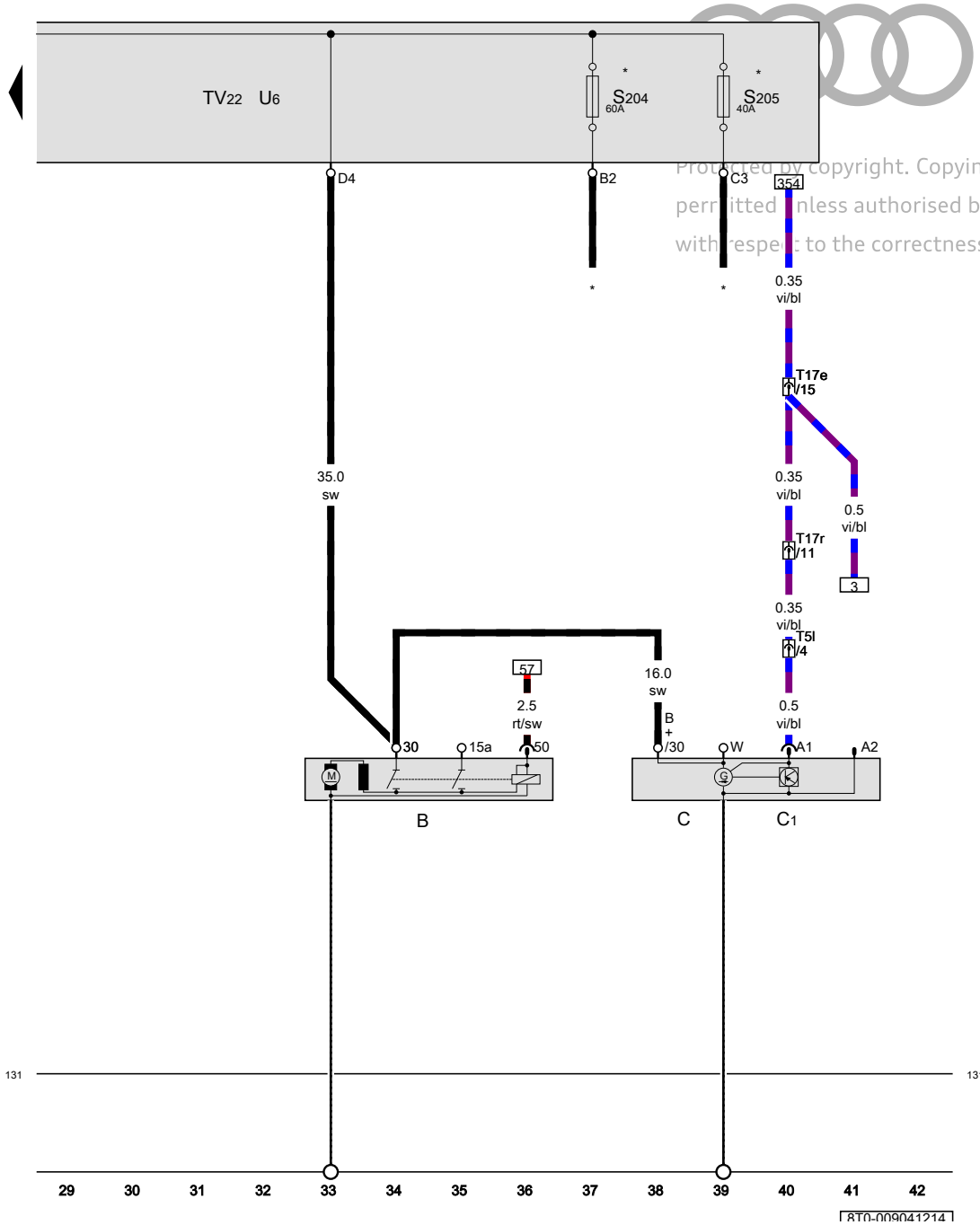


Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	Cross section depends on equipment

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ge	=	yellow
or	=	orange
rs	=	pink

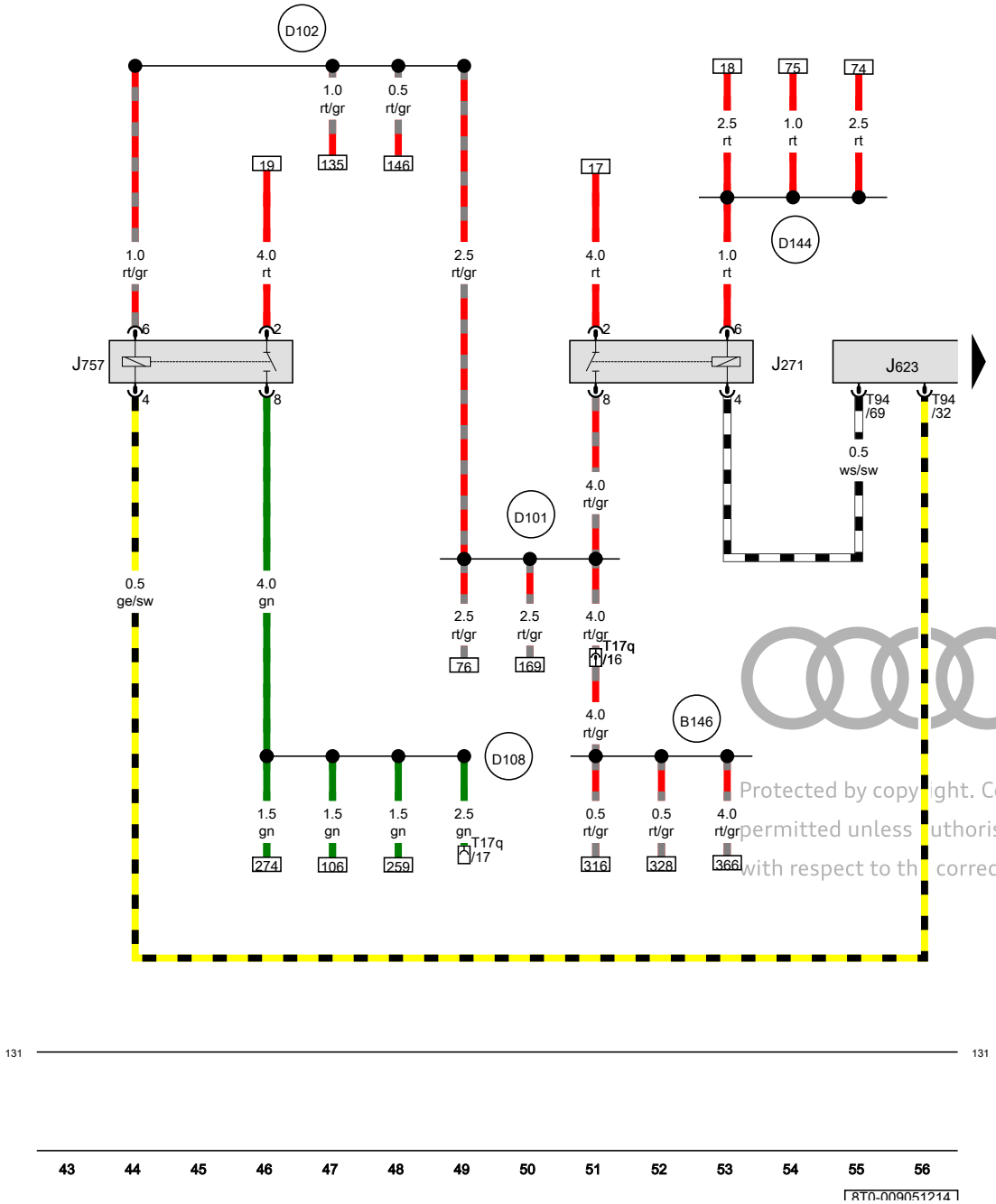


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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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



Main relay, Engine control unit, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

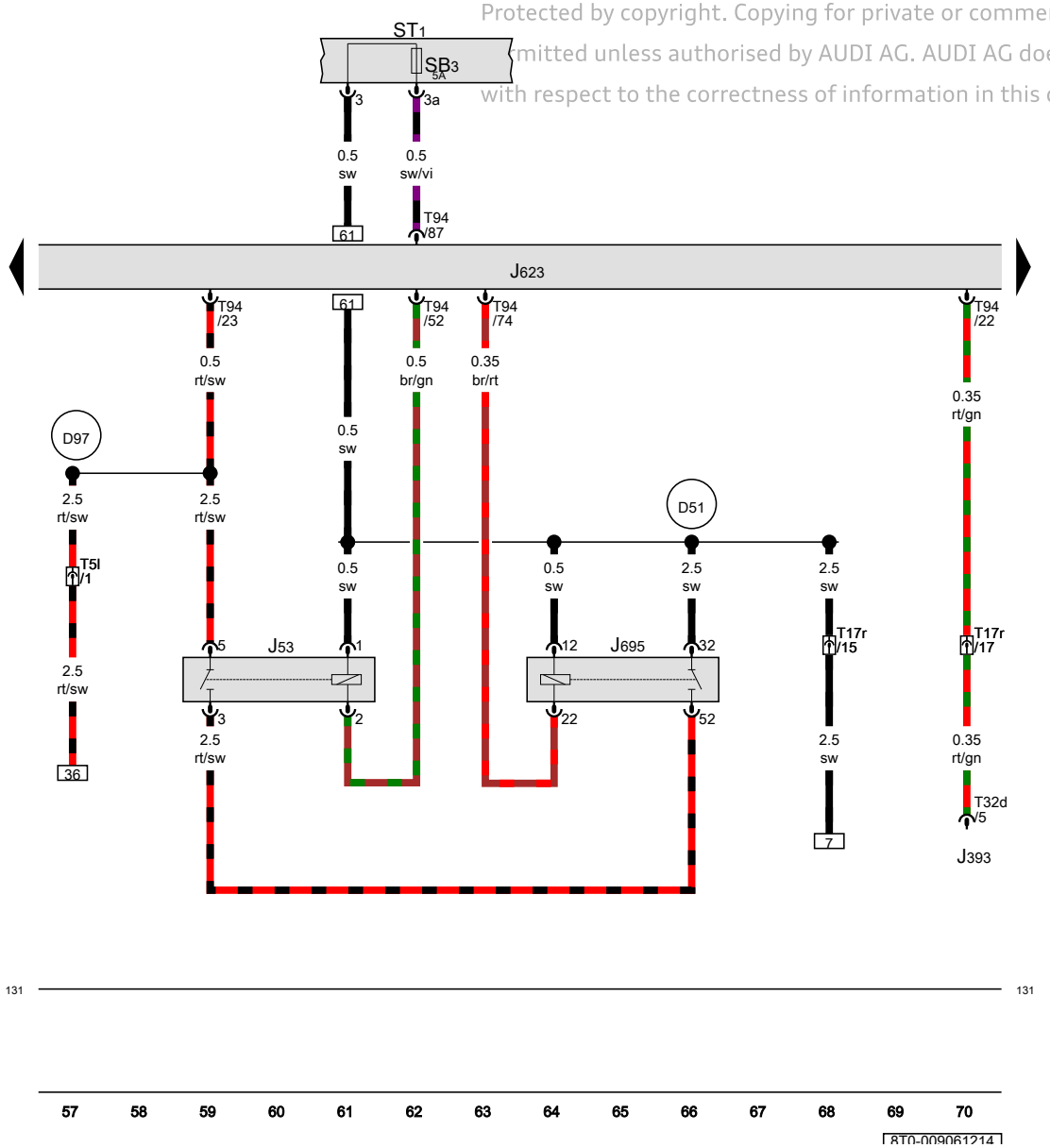
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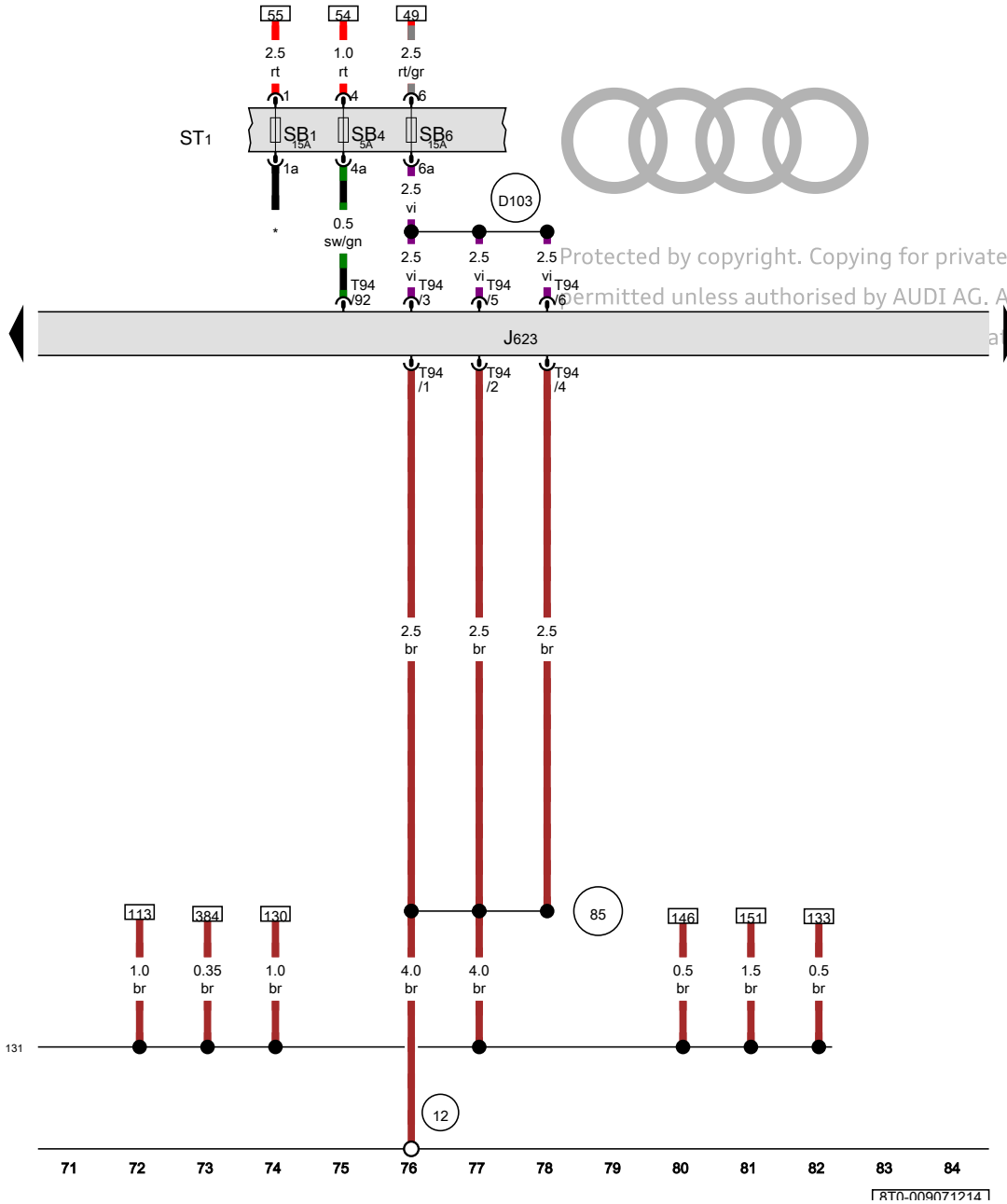
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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness



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sw	=	black
ro	=	red
rt	=	red
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ge	=	yellow
or	=	orange
rs	=	pink



Engine control unit

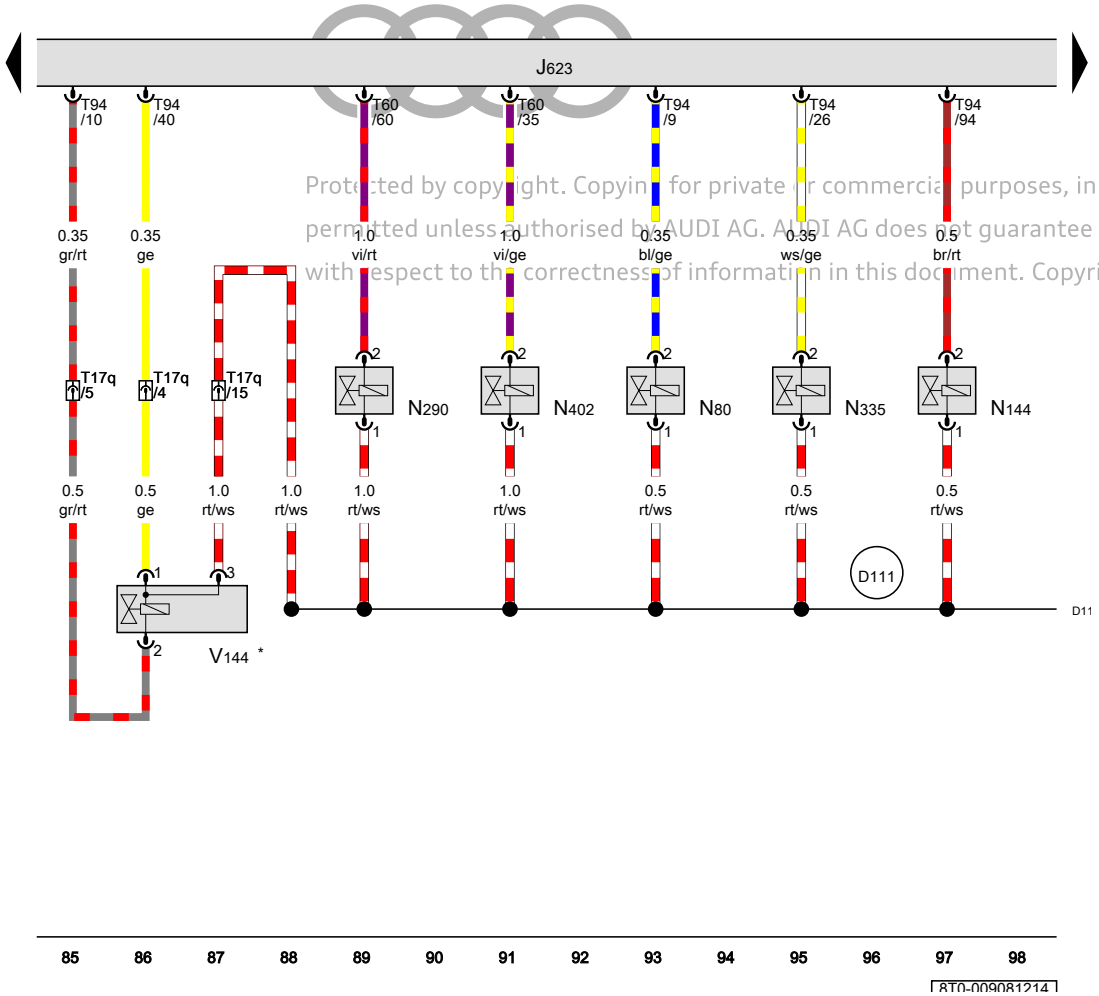
J623	Engine control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox

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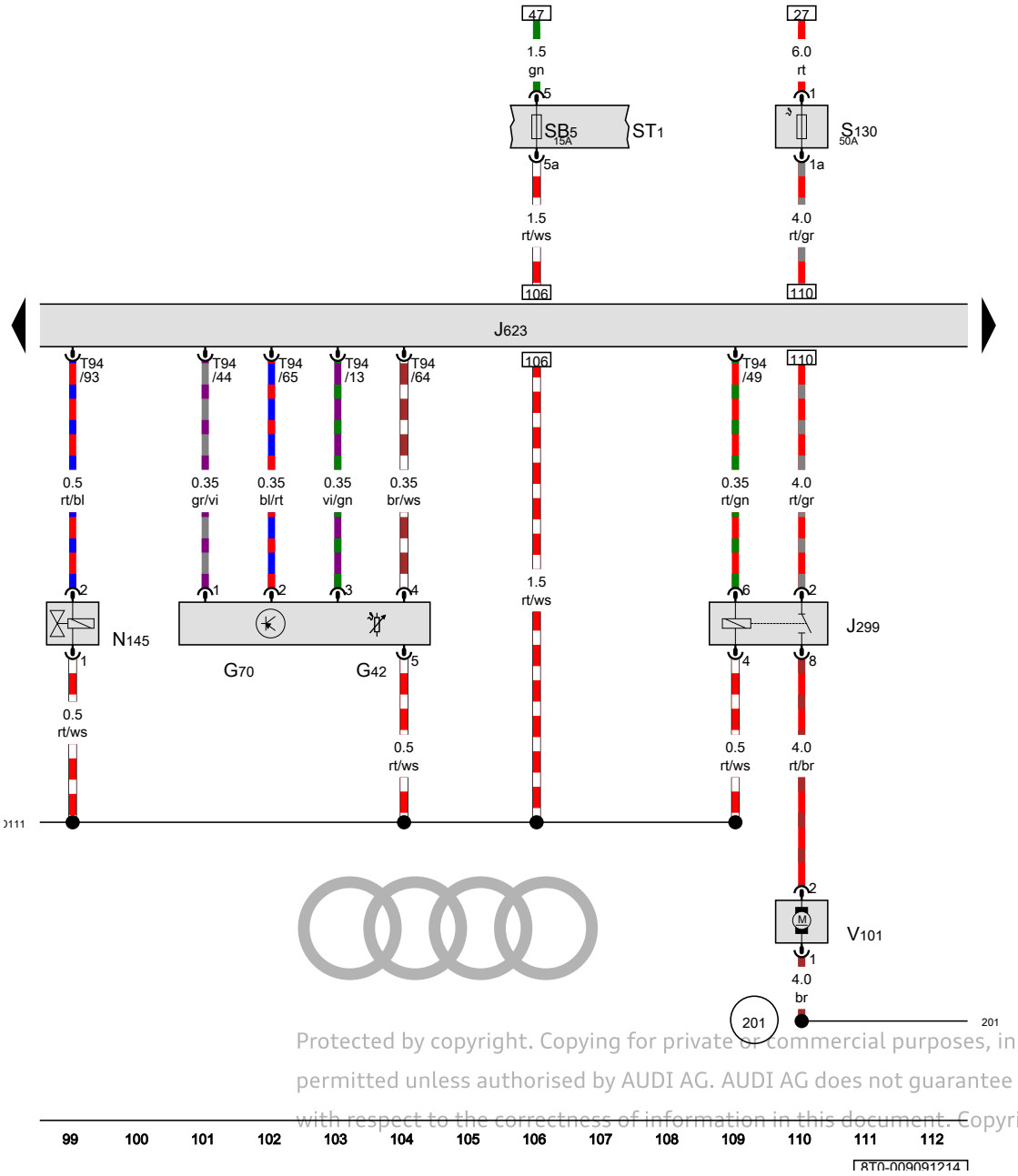
Engine control unit, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Fuel metering valve, Variable intake manifold changeover valve, Fuel metering valve 2, Fuel system diagnostic pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N290	Fuel metering valve
N335	Variable intake manifold changeover valve
N402	Fuel metering valve 2
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
D111	Connection 9 in engine compartment wiring harness
*	According to equipment



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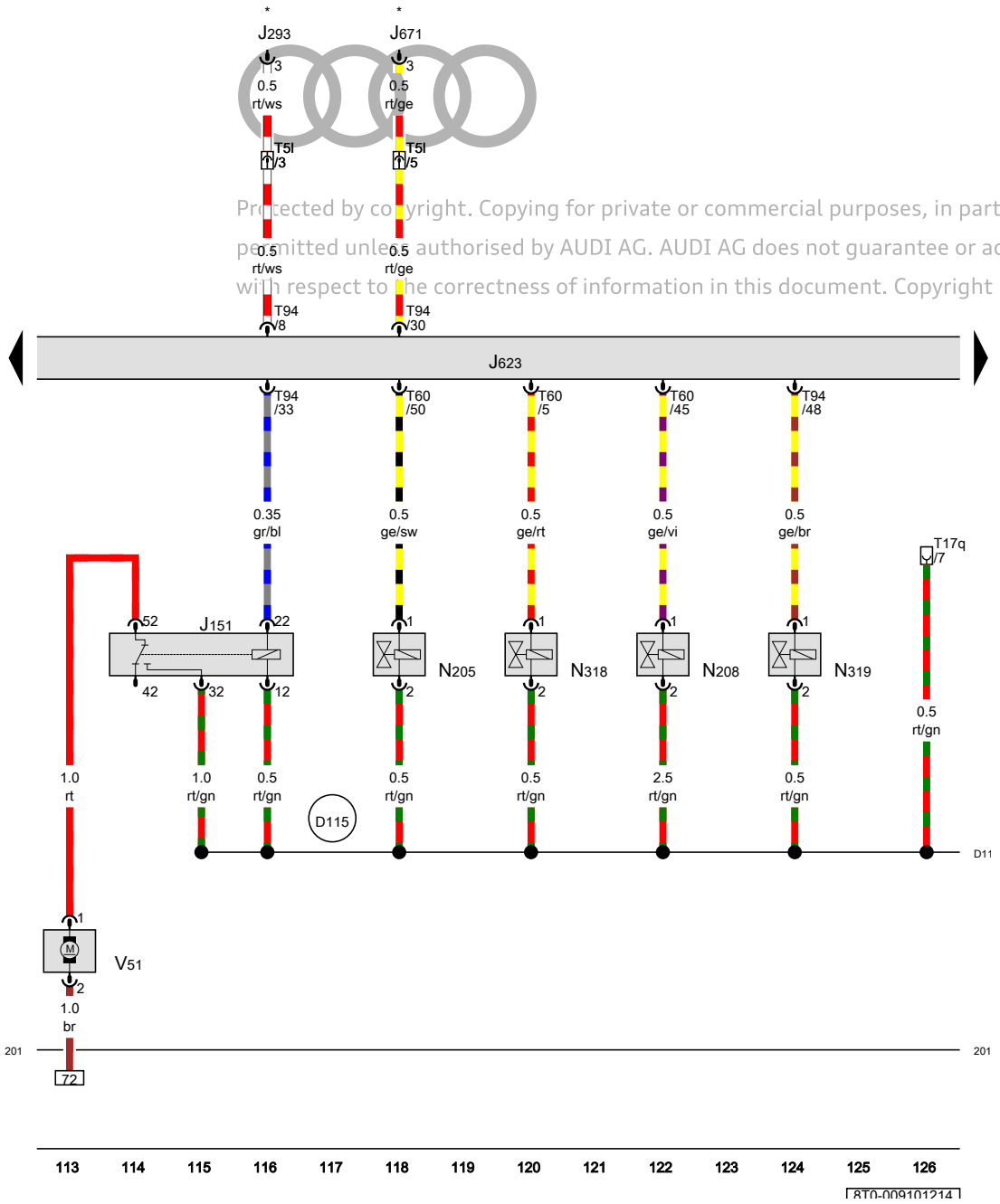


Air mass meter, Secondary air pump relay, Engine control unit, Right electrohydraulic engine mounting solenoid valve, Secondary air pump motor

G42	Intake air temperature sender
G70	Air mass meter
J299	Secondary air pump relay
J623	Engine control unit
N145	Right electrohydraulic engine mounting solenoid valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
S130	Secondary air pump fuse
T94	94-pin connector
V101	Secondary air pump motor
201	Earth connection 5, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness

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bl	=	blue
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ge	=	yellow
or	=	orange
rs	=	pink

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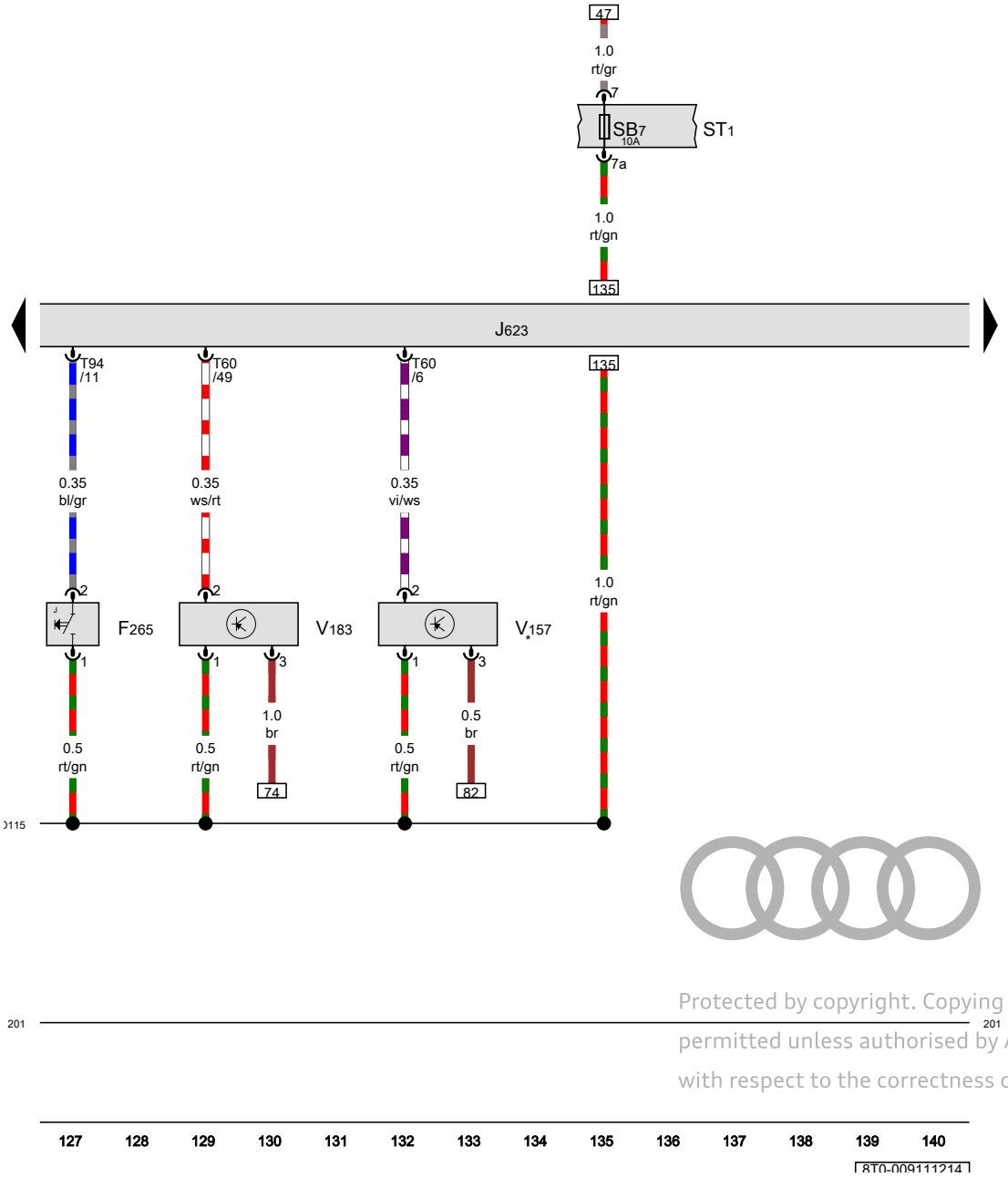


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ge = yellow
or = orange
rs = pink

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Continued coolant circulation relay, Engine control unit, Camshaft control valve 1, Camshaft control valve 2, Exhaust camshaft control valve 1, Exhaust camshaft control valve 2, Continued coolant circulation pump

J151	Continued coolant circulation relay
J293	Radiator fan control unit
J623	Engine control unit
J671	Radiator fan control unit 2
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T5l	5-pin connector, in engine compartment
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
201	Earth connection 5, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan



Map-controlled engine cooling system thermostat, Engine control unit, Intake manifold flap motor, Variable intake manifold motor

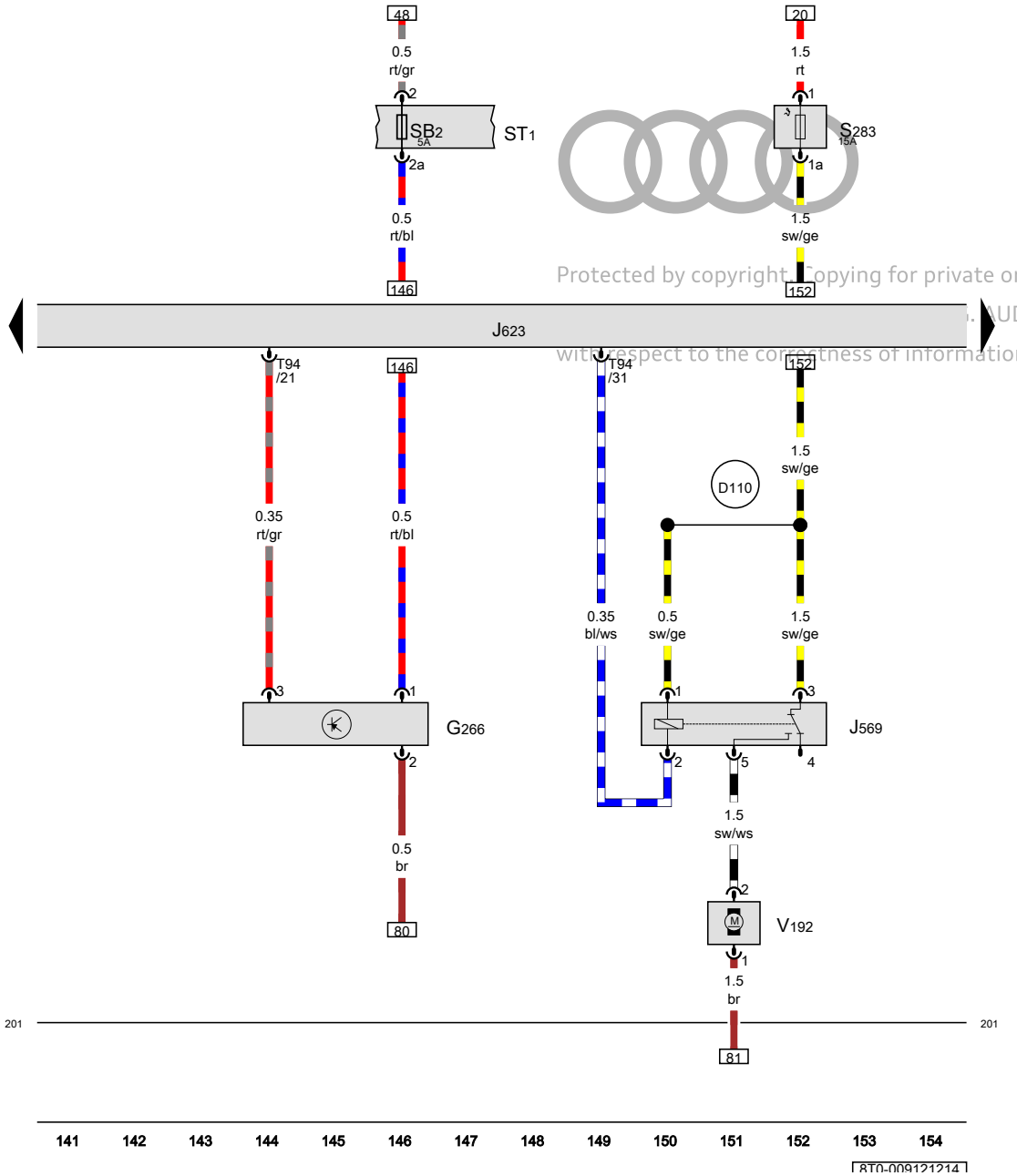
F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T60	60-pin connector
T94	94-pin connector
V157	Intake manifold flap motor
V183	Variable intake manifold motor
201	Earth connection 5, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Gradually discontinued

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ro	=	red
rt	=	red
br	=	brown
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li	=	purple
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or	=	orange
rs	=	pink

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Oil level and oil temperature sender, Brake servo relay, Engine control unit, Vacuum pump for brakes

G266	Oil level and oil temperature sender
J569	Brake servo relay
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
S283	Brake vacuum pump fuse
T94	94-pin connector
V192	Vacuum pump for brakes
201	Earth connection 5, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness

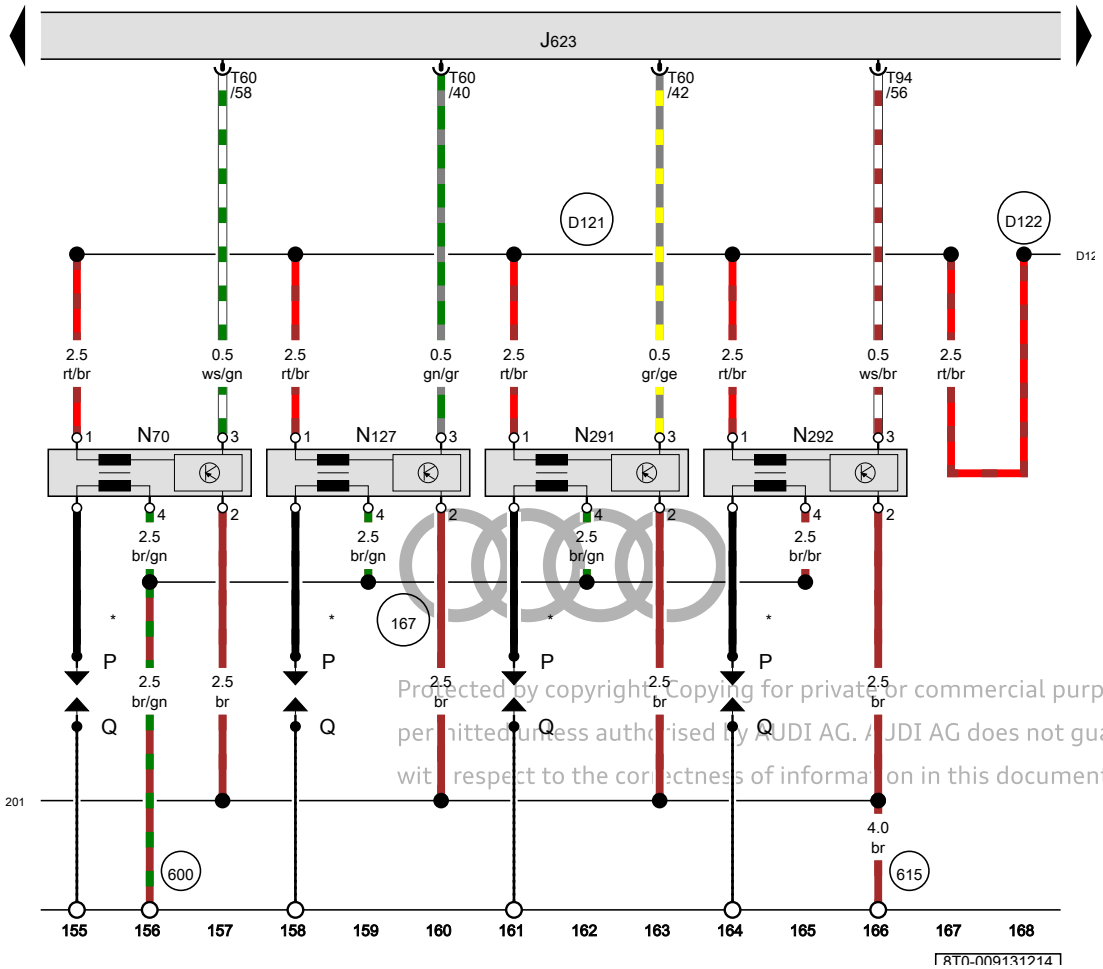


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or	=	orange
rs	=	pink

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Engine 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

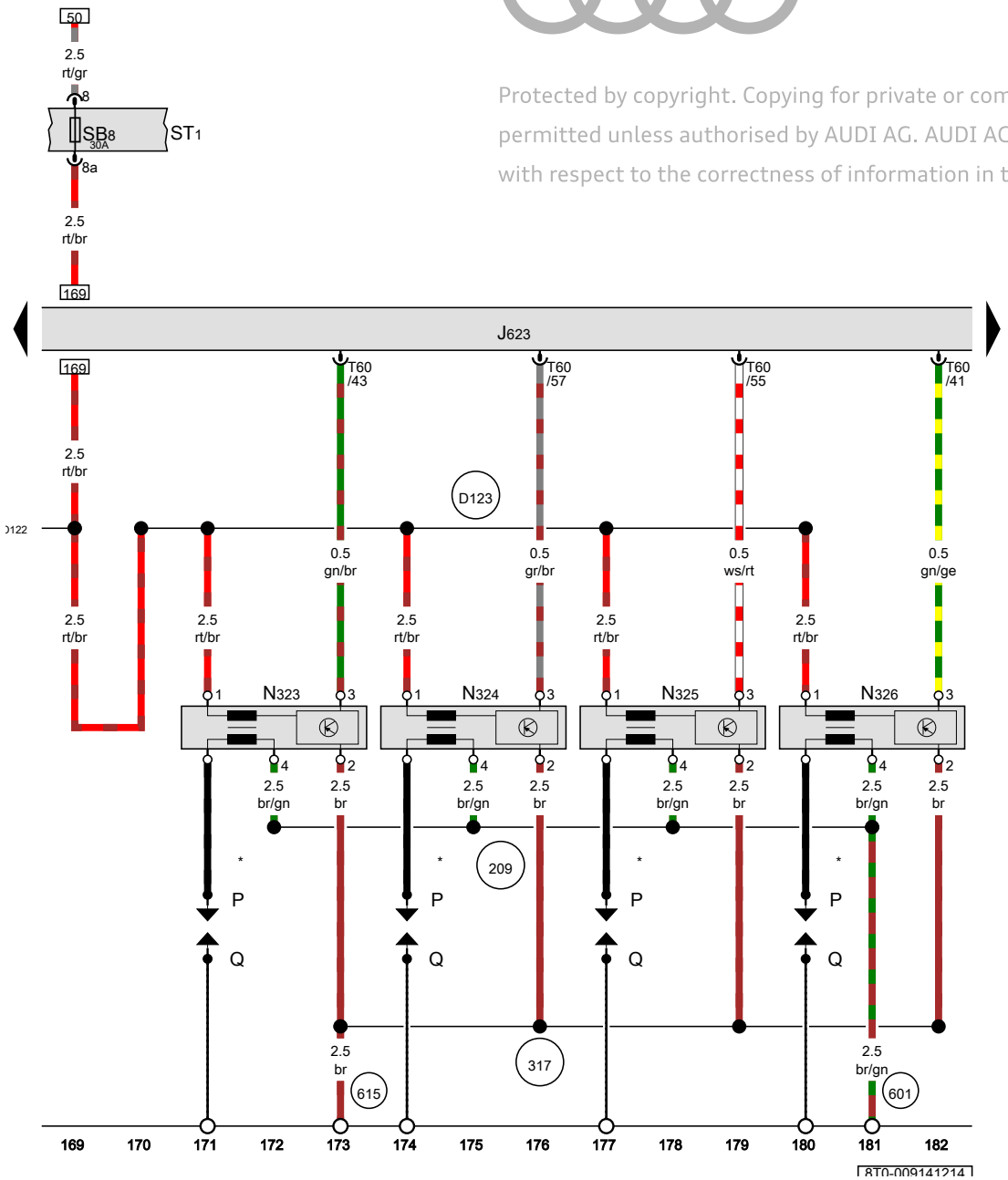
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
615	Earth point, on left suspension strut
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	Adapter 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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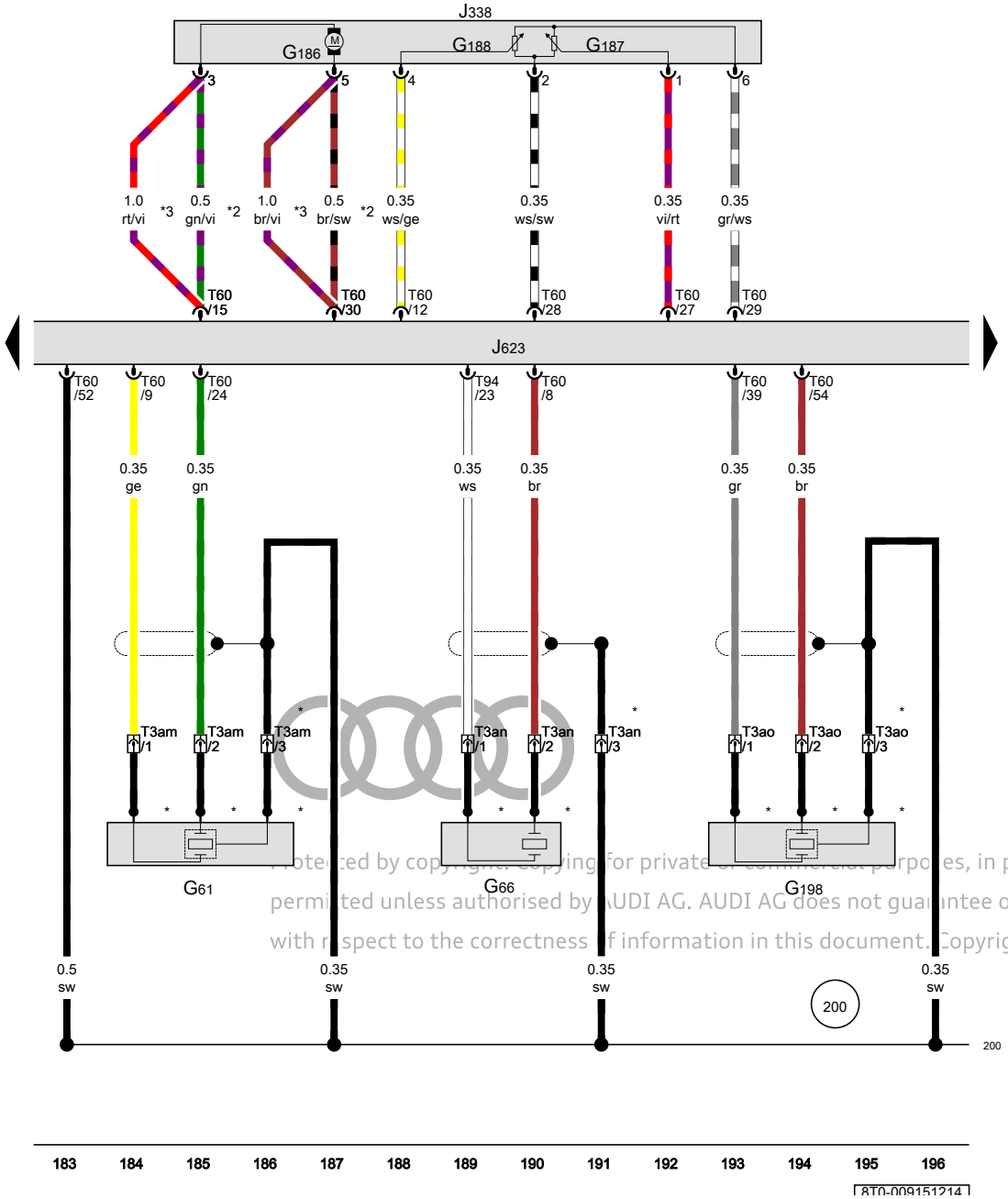
Engine control unit, Ignition coil 5 with output stage, Ignition coil 6 with output stage, Ignition coil 7 with output stage, Ignition coil 8 with output stage

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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
*	Adapter wire

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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, Throttle valve module, Engine 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
G198	Knock sensor 3
J338	Throttle valve module
J623	Engine control unit
T3am	3-pin connector, black
T3an	3-pin connector, brown
T3ao	3-pin connector, black
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
*	Adapter wire
*2	gradual introduction
*3	Gradually discontinued

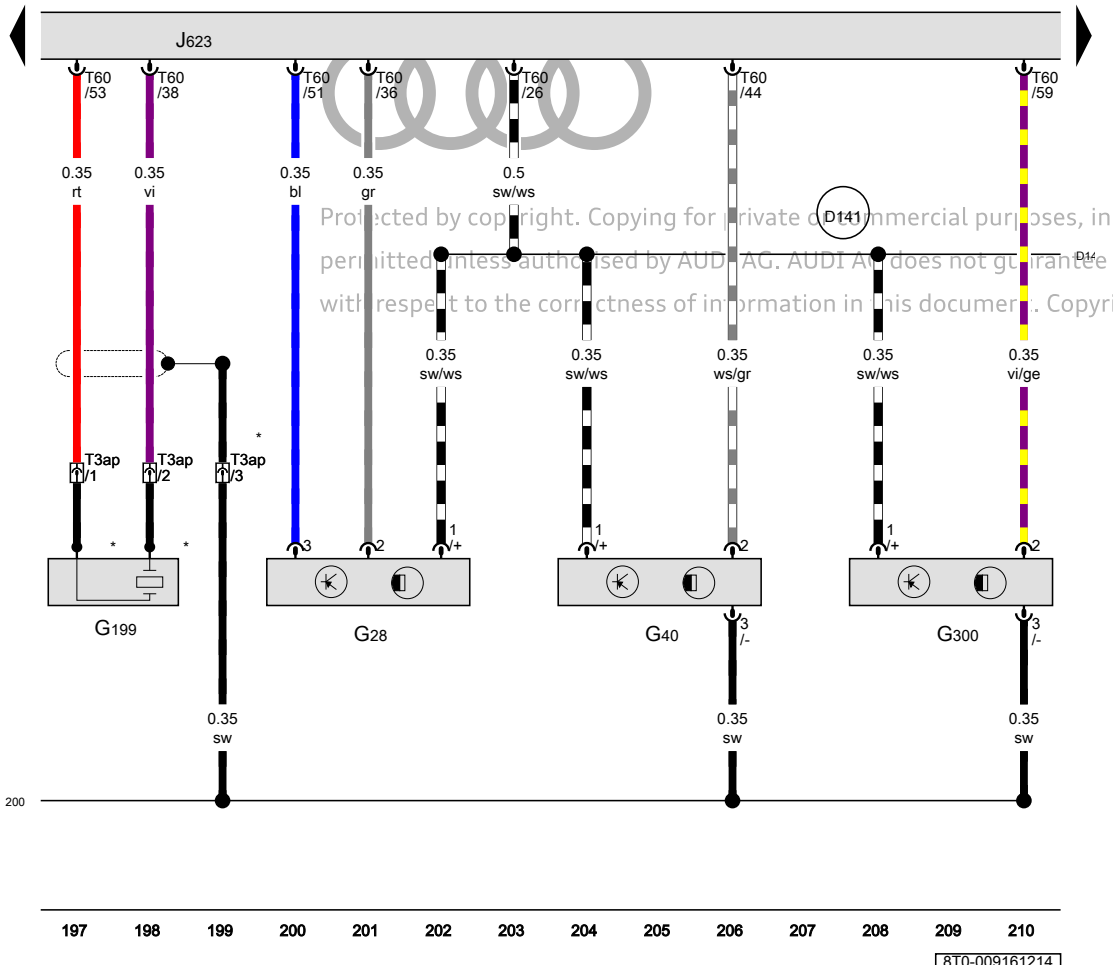


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ge	=	yellow
or	=	orange
rs	=	pink

Engine speed sender, Hall sender, Knock sensor 4, Hall sender 3, Engine control unit

G28	Engine speed sender
G40	Hall sender
G199	Knock sensor 4
G300	Hall sender 3
J623	Engine control unit
T3ap	3-pin connector, brown
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Adapter wire



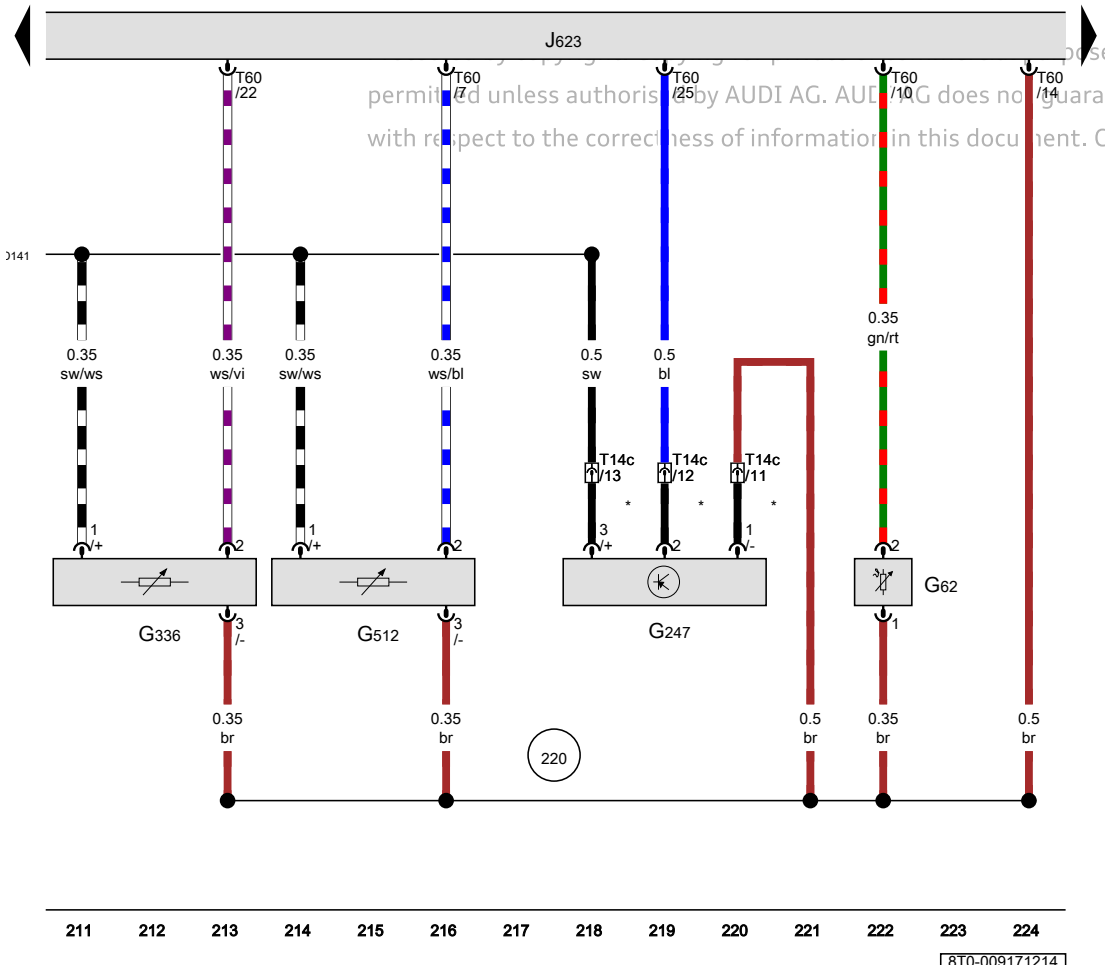
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ge	=	yellow
or	=	orange
rs	=	pink

Coolant temperature sender, Fuel pressure sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine control unit

G62	Coolant temperature sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine control unit
T14c	14-pin connector, in engine compartment
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	Adapter wire

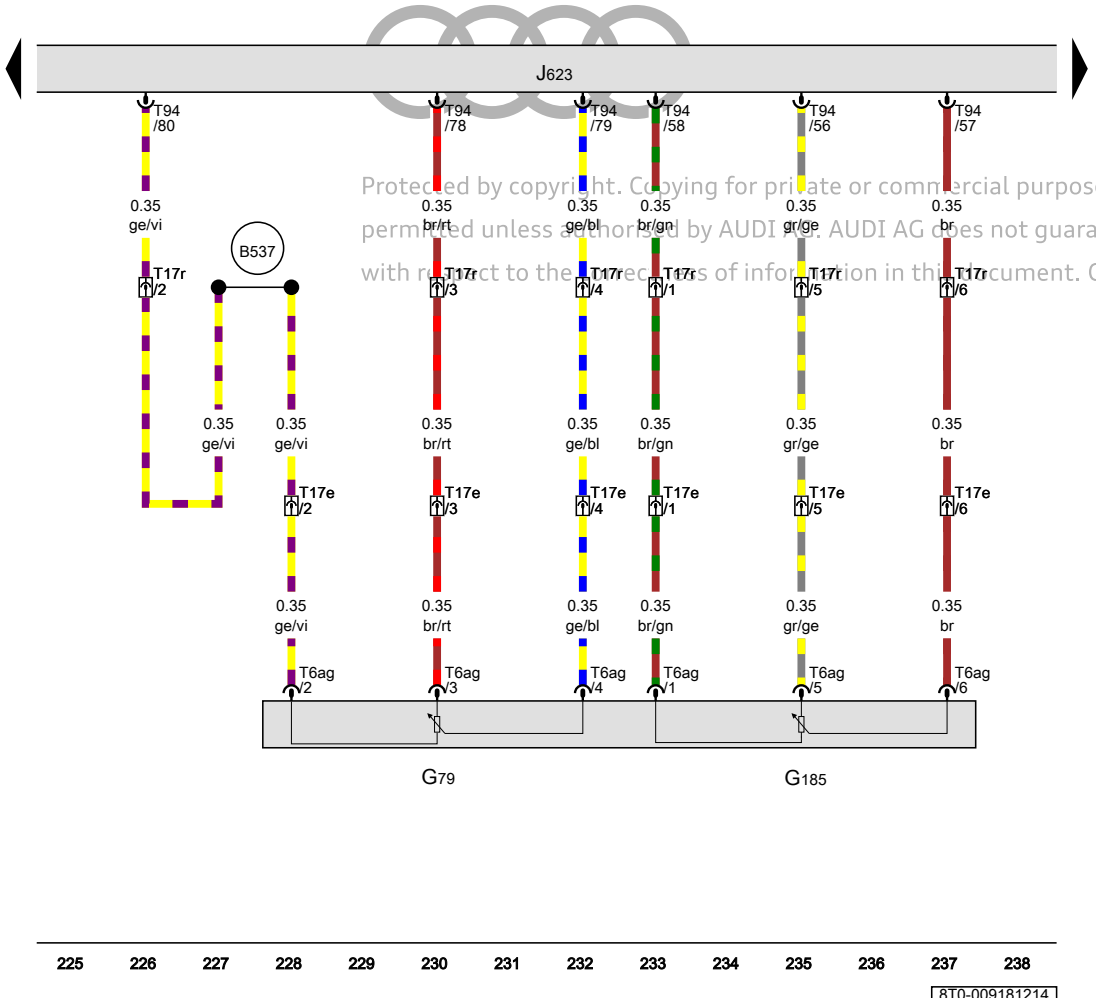
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

Accelerator position sender, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness



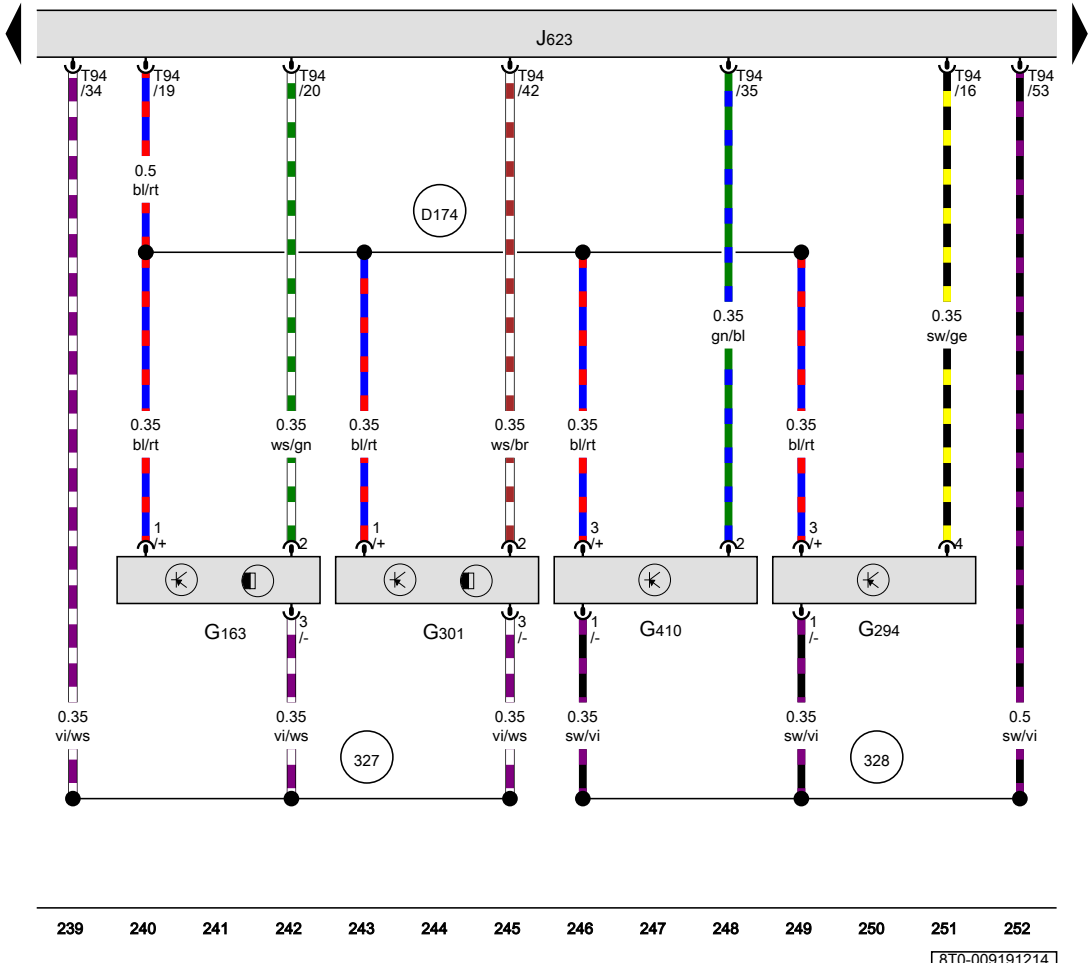
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Hall sender 2, Brake servo pressure sensor, Hall sender 4, Fuel pressure sender for low-pressure, Engine control unit

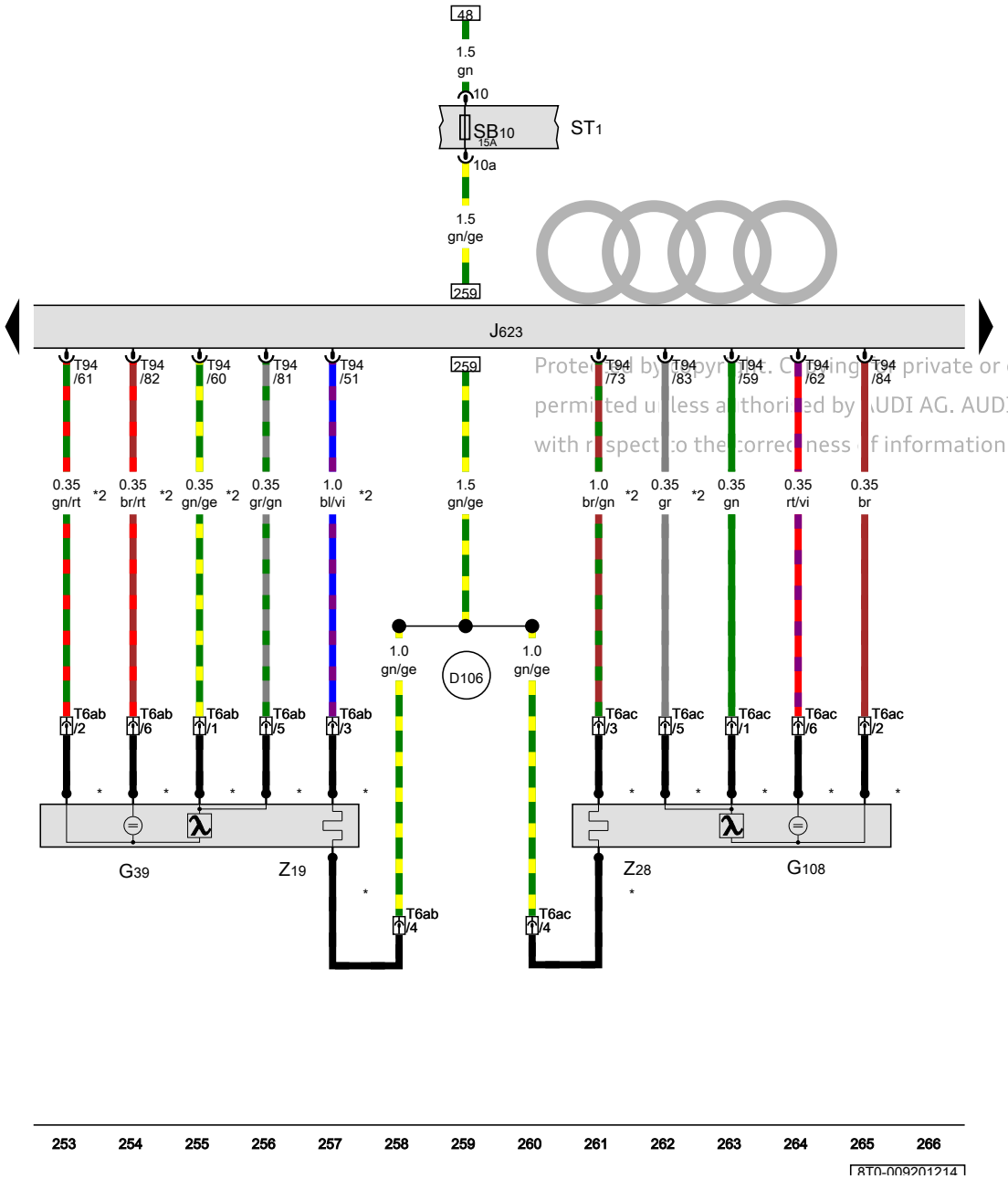
G163	Hall sender 2
G294	Brake servo pressure sensor
G301	Hall sender 4
G410	Fuel pressure sender for low-pressure
J623	Engine control unit
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness



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

Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6ab	6-pin connector, black
T6ac	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness
*	Adapter wire
*2	According to equipment

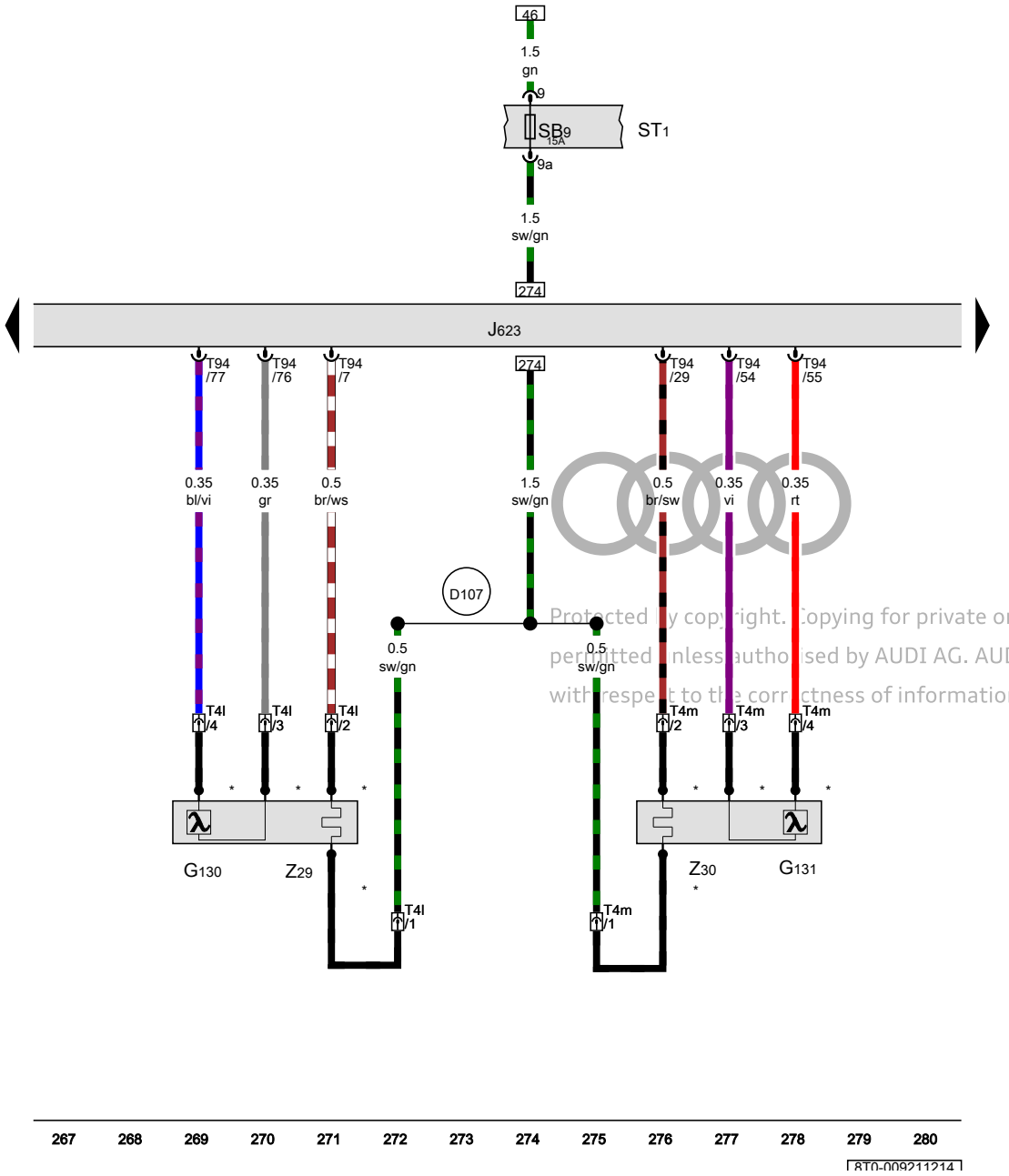


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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4l	4-pin connector, black
T4m	4-pin connector, brown
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness
*	Adapter wire

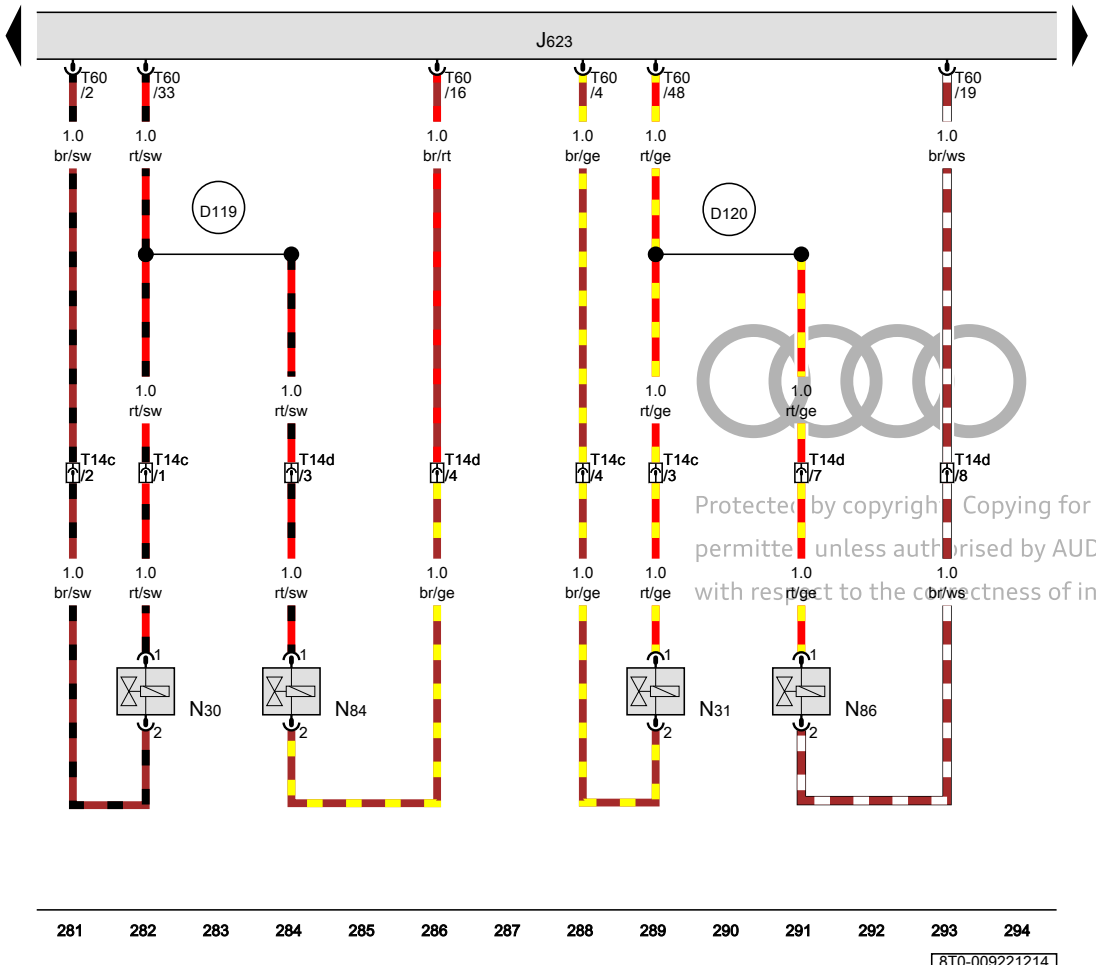


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T60	60-pin connector
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness

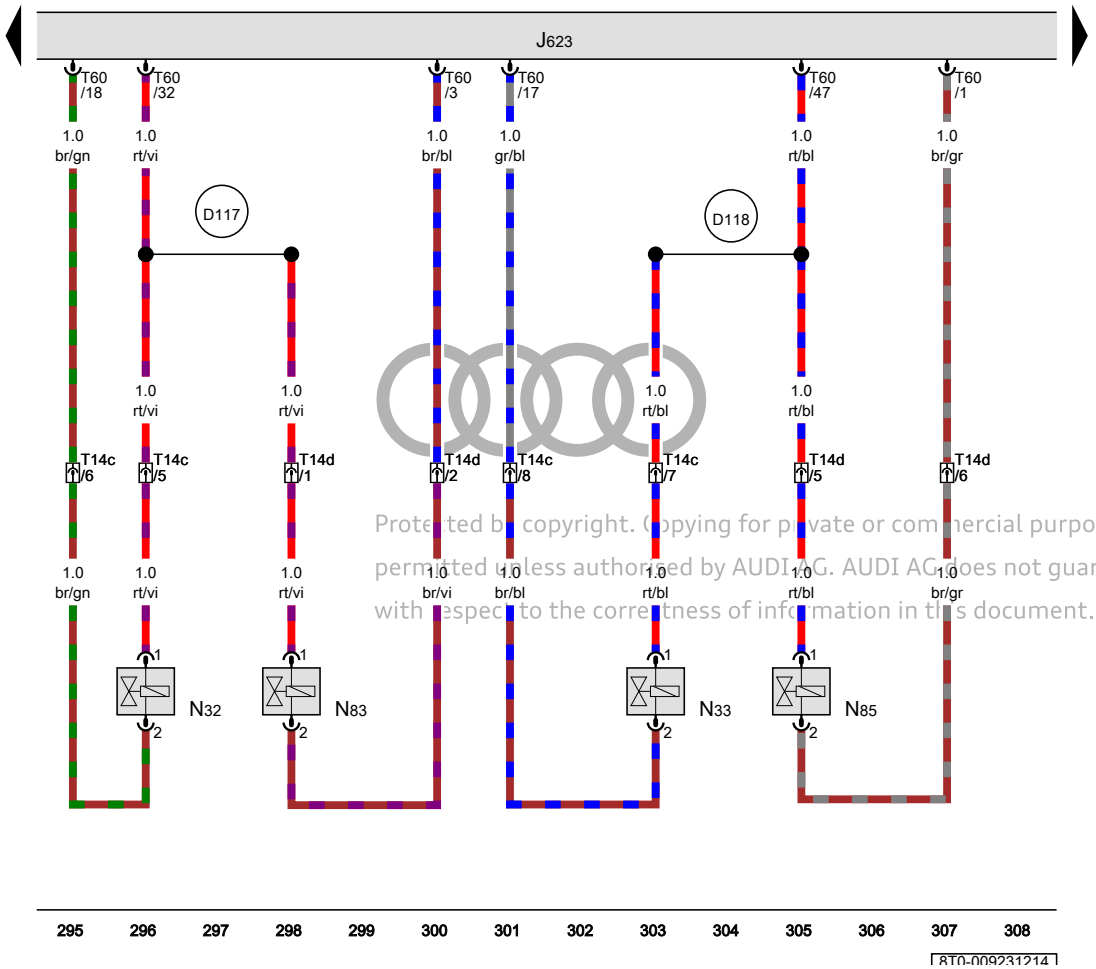


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Engine control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

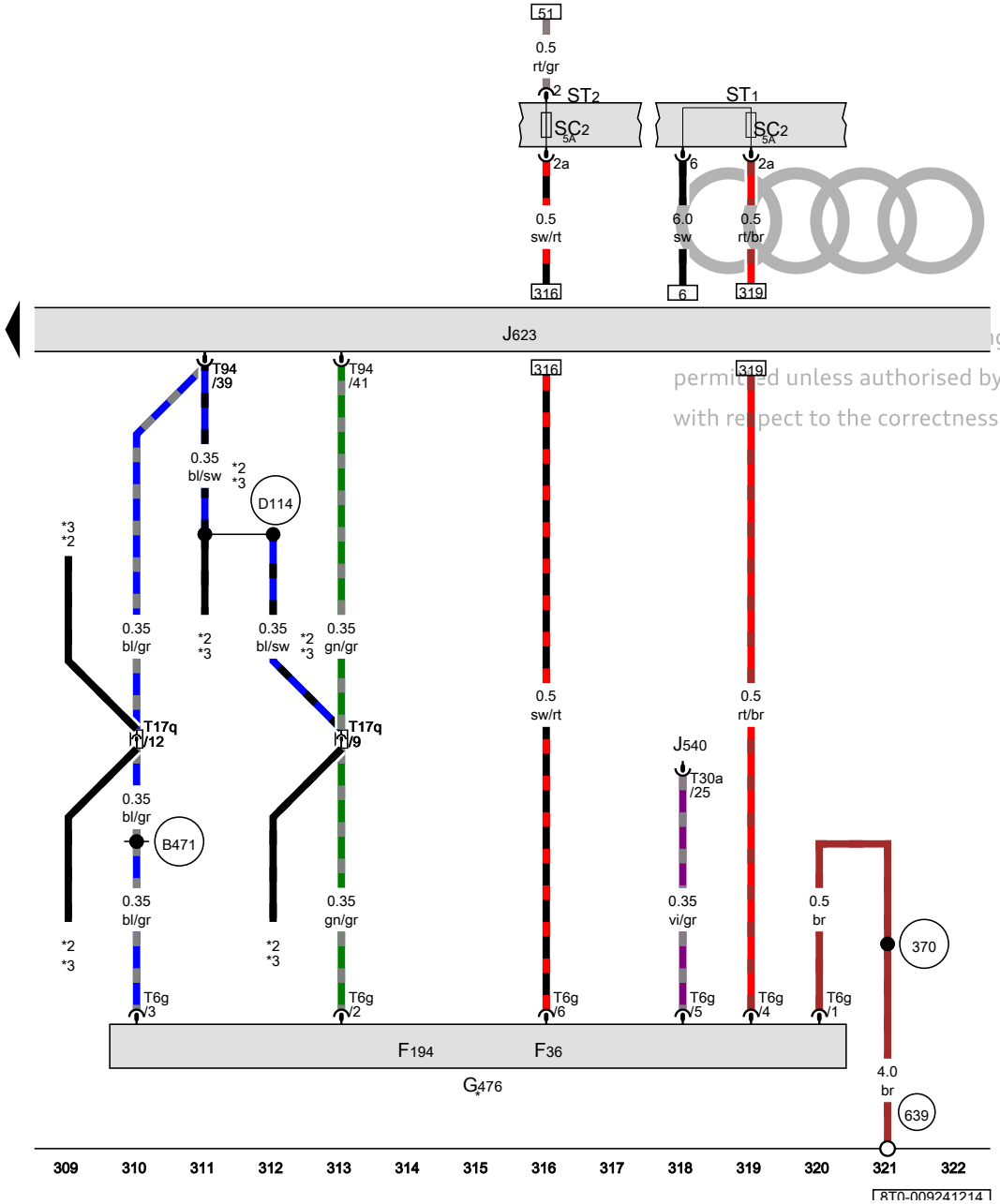
J623	Engine control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T60	60-pin connector
D117	Connection 15 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness



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Clutch position sender, Engine control unit

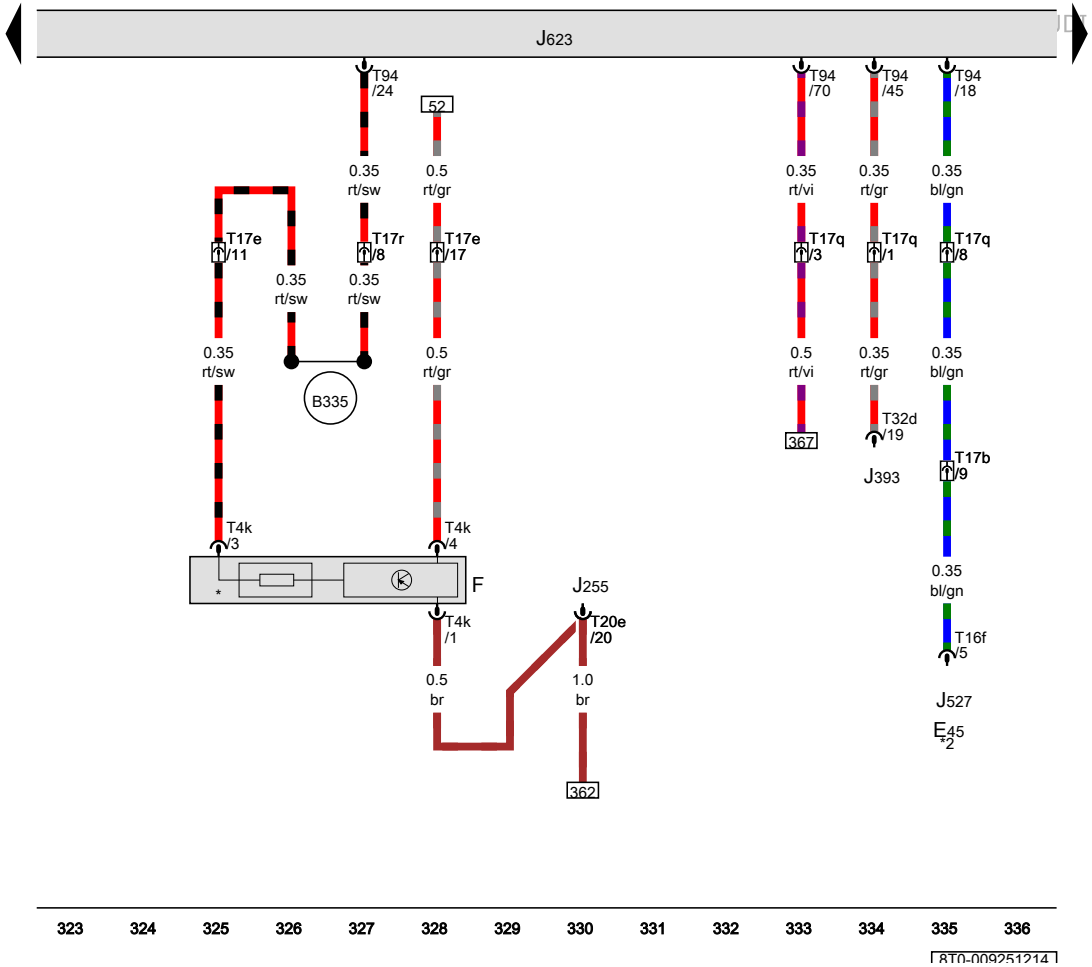


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F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox

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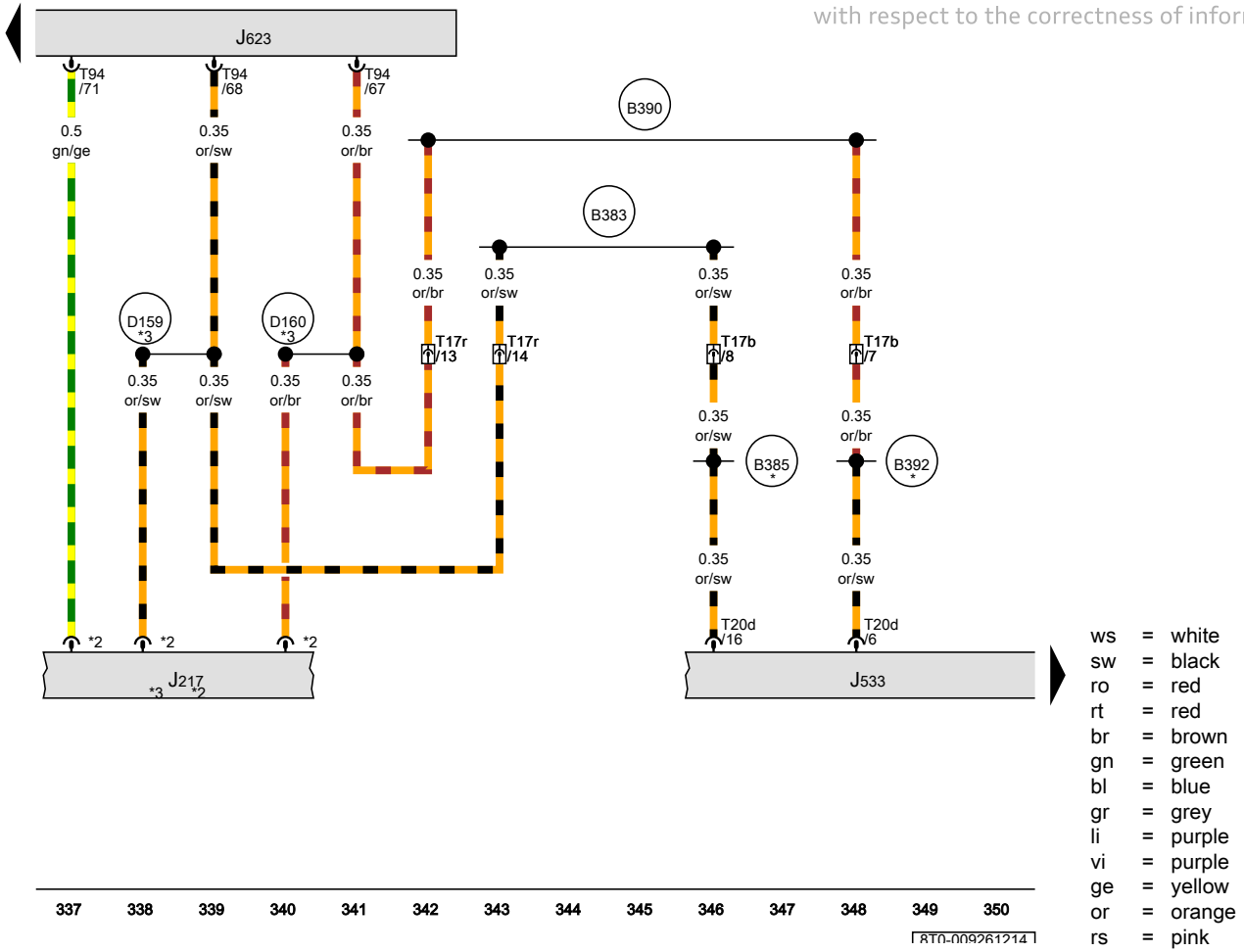
Brake light switch, Engine control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J393	Convenience system central control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T32d	32-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

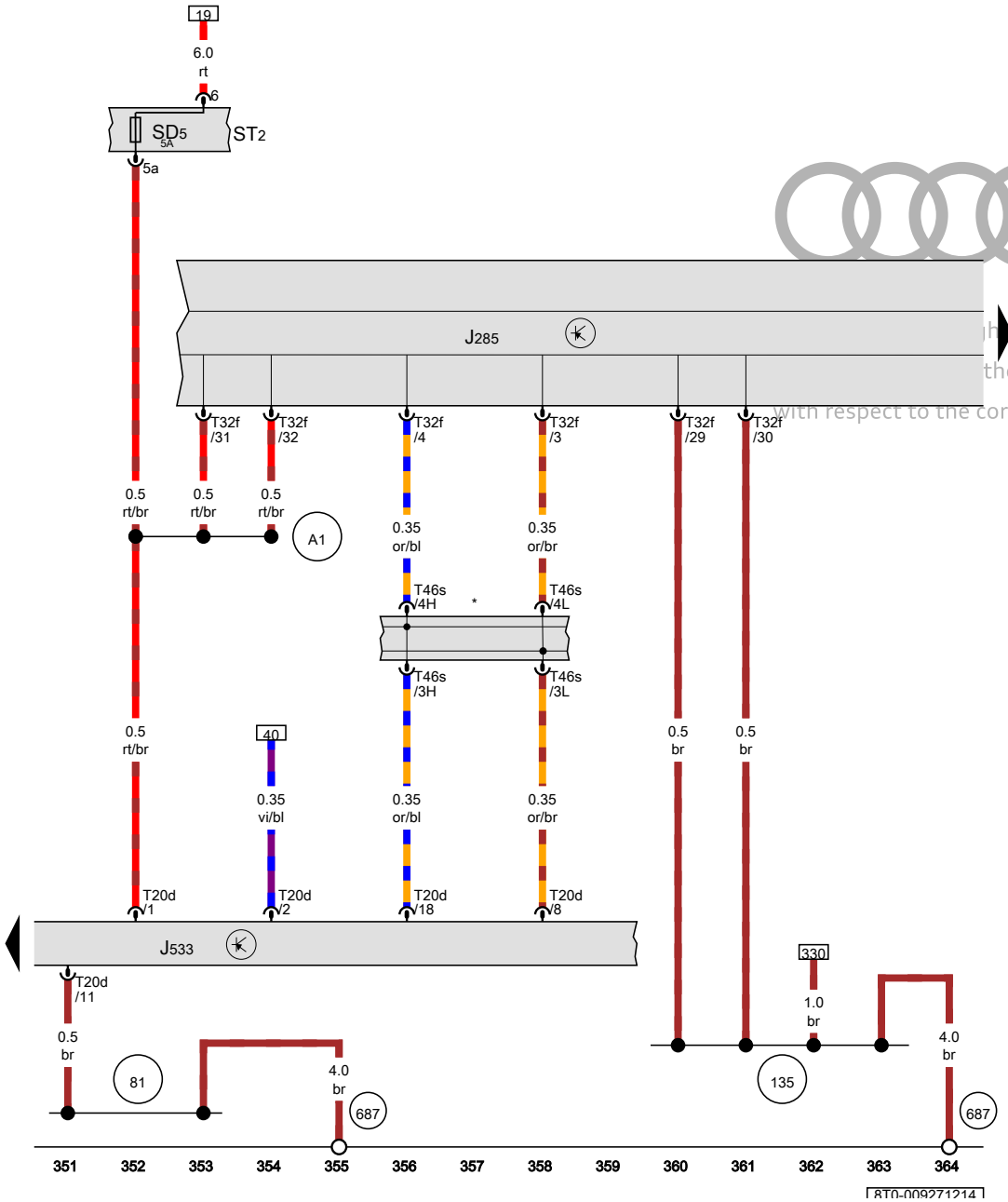
Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	gradual introduction
*2	see applicable current flow diagram for automatic gearbox
*3	Only models with automatic gearbox

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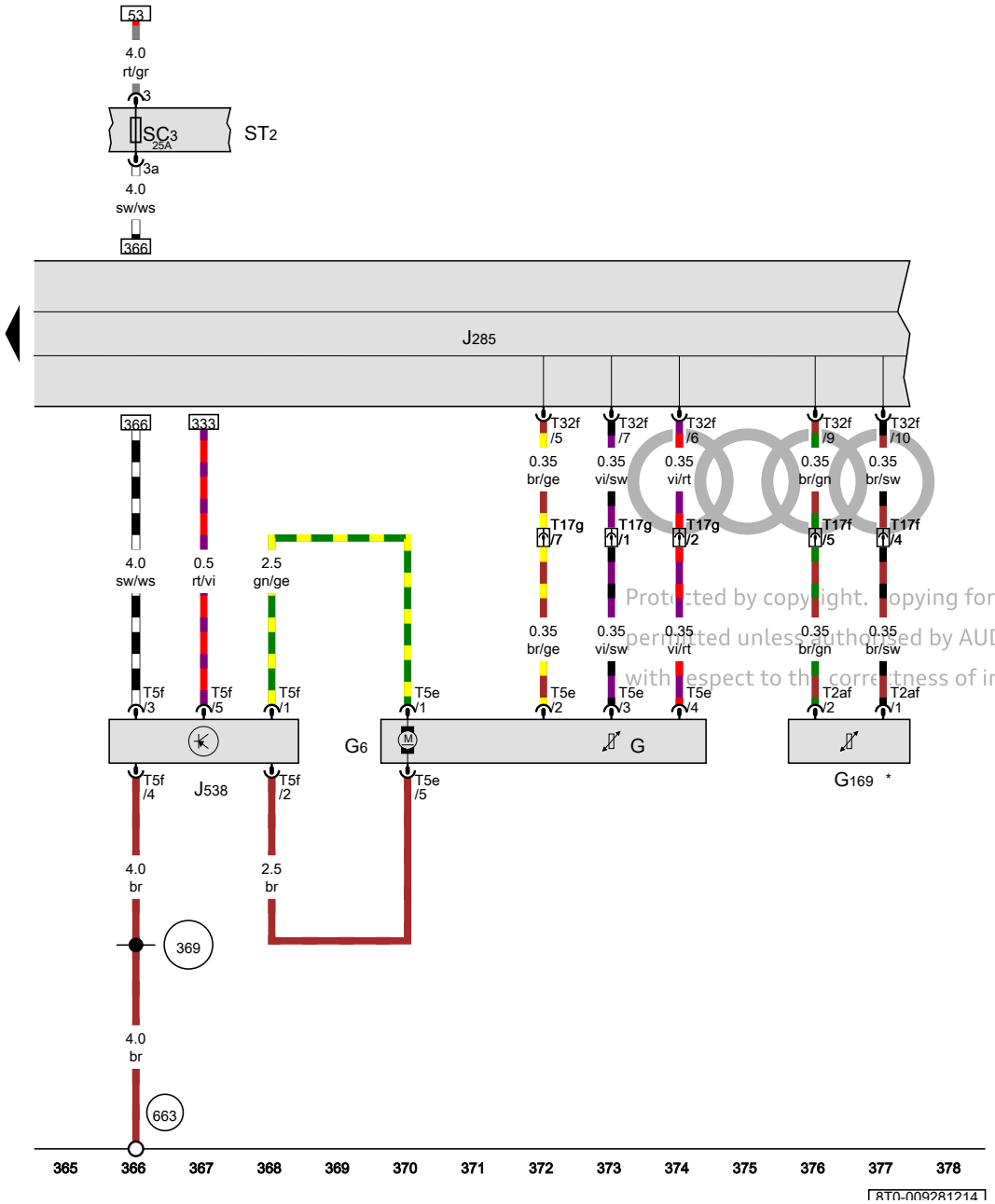
Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	Front passenger side push-in bridge, brown

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Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive

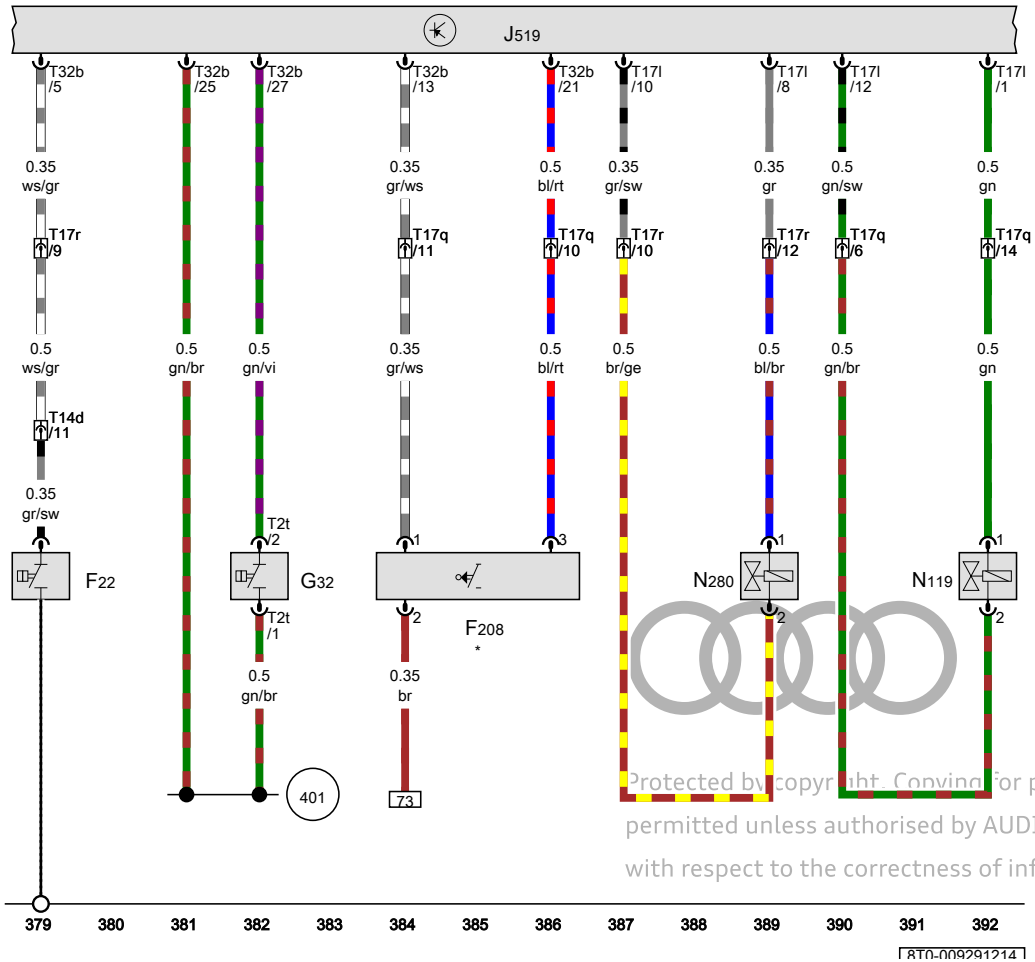


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Oil pressure switch, Gear detector switch, Coolant shortage indicator sender, Onboard supply control unit, Servotronic solenoid valve, Air conditioner compressor regulating valve

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T14d	14-pin connector, in engine compartment
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox



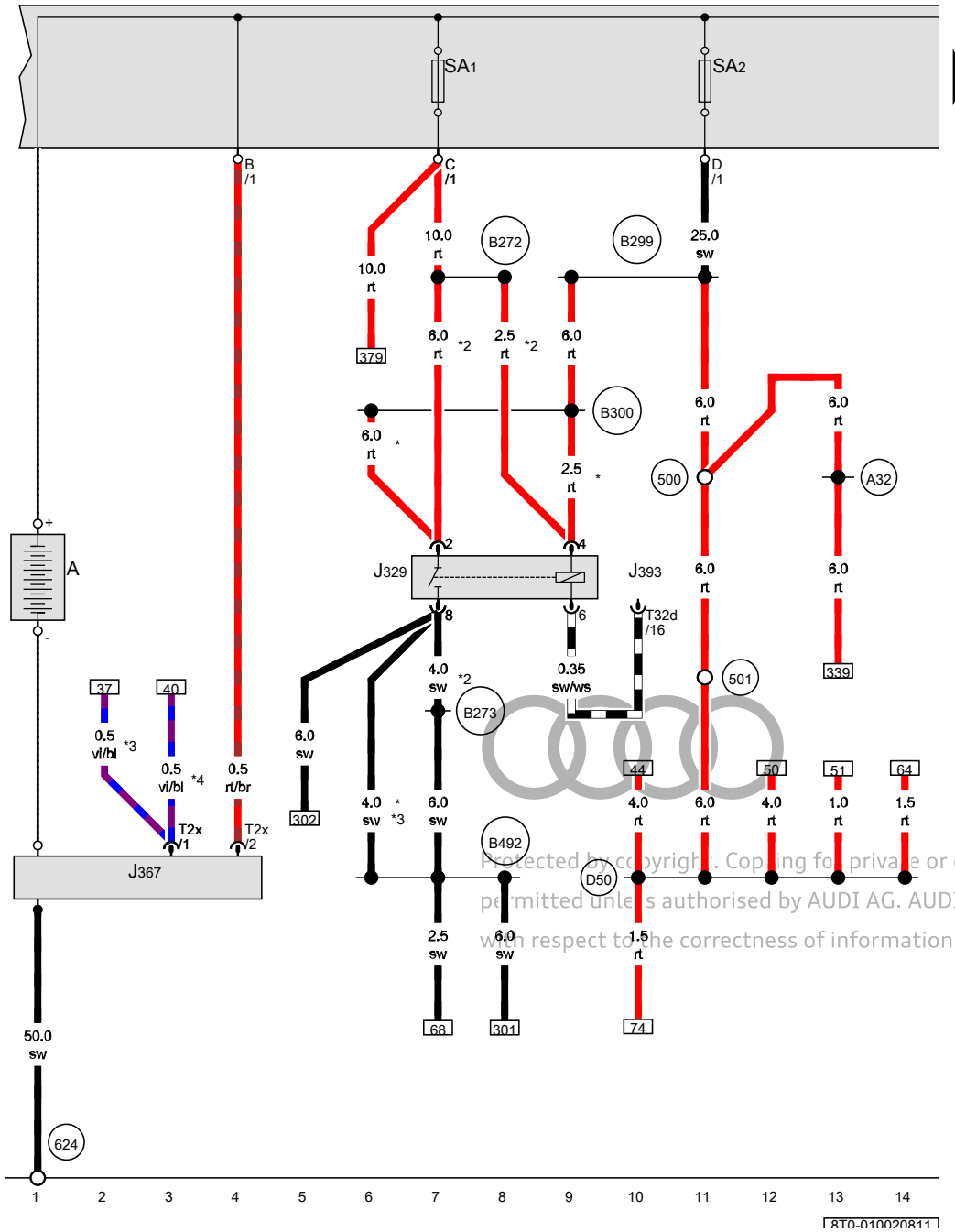
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3.2l petrol engine , CALA

From June 2007

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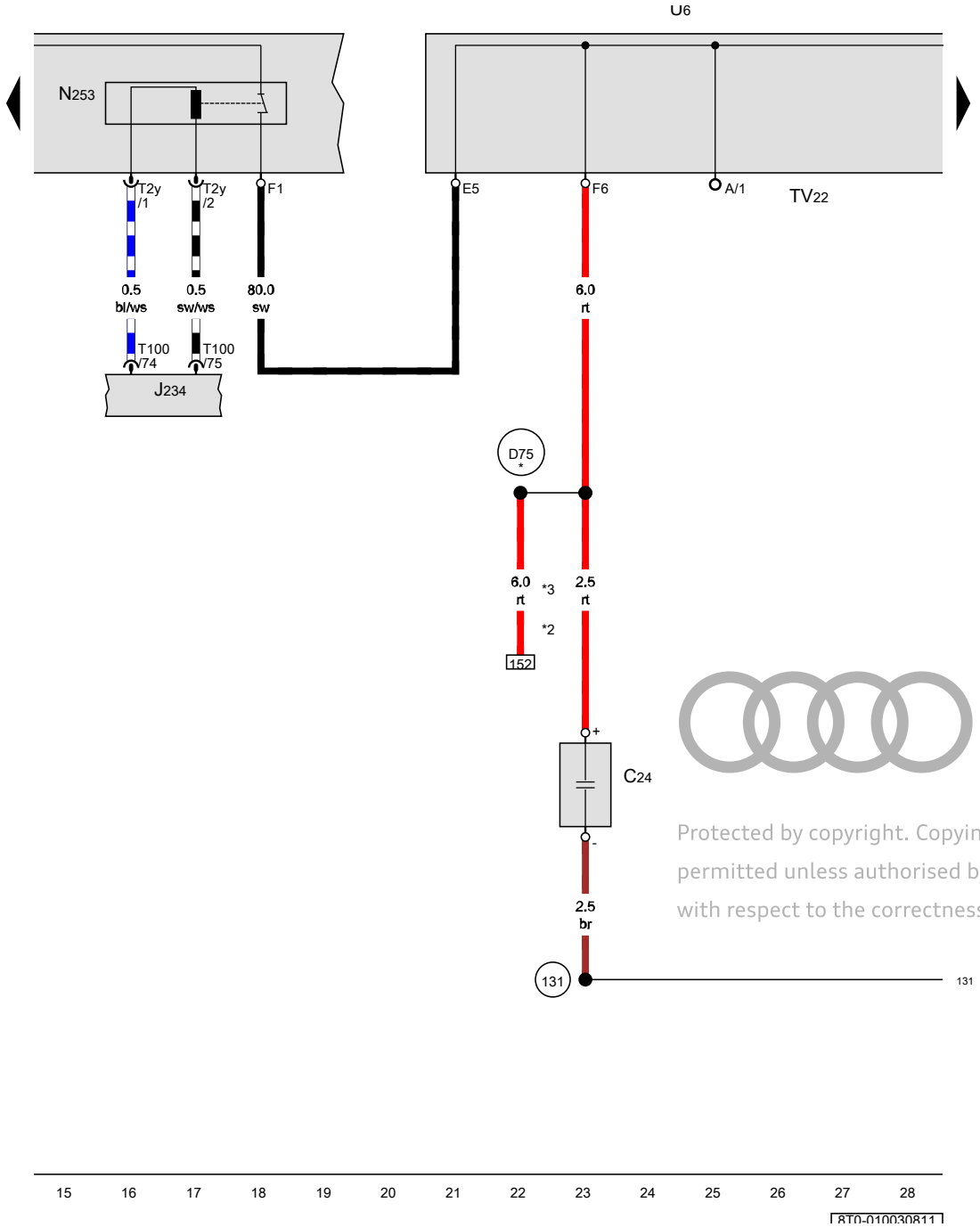
Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
SA2	Fuse 2 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
624	Earth point, starter battery
A32	Positive connection (30), in dash panel wiring harness
B272	Positive connection (30), in main wiring harness
B273	Positive connection (15), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
D50	Positive connection (30), in engine compartment wiring harness

*	From September 2007
*2	Up to August 2007
*3	Up to April 2009
*4	From May 2009

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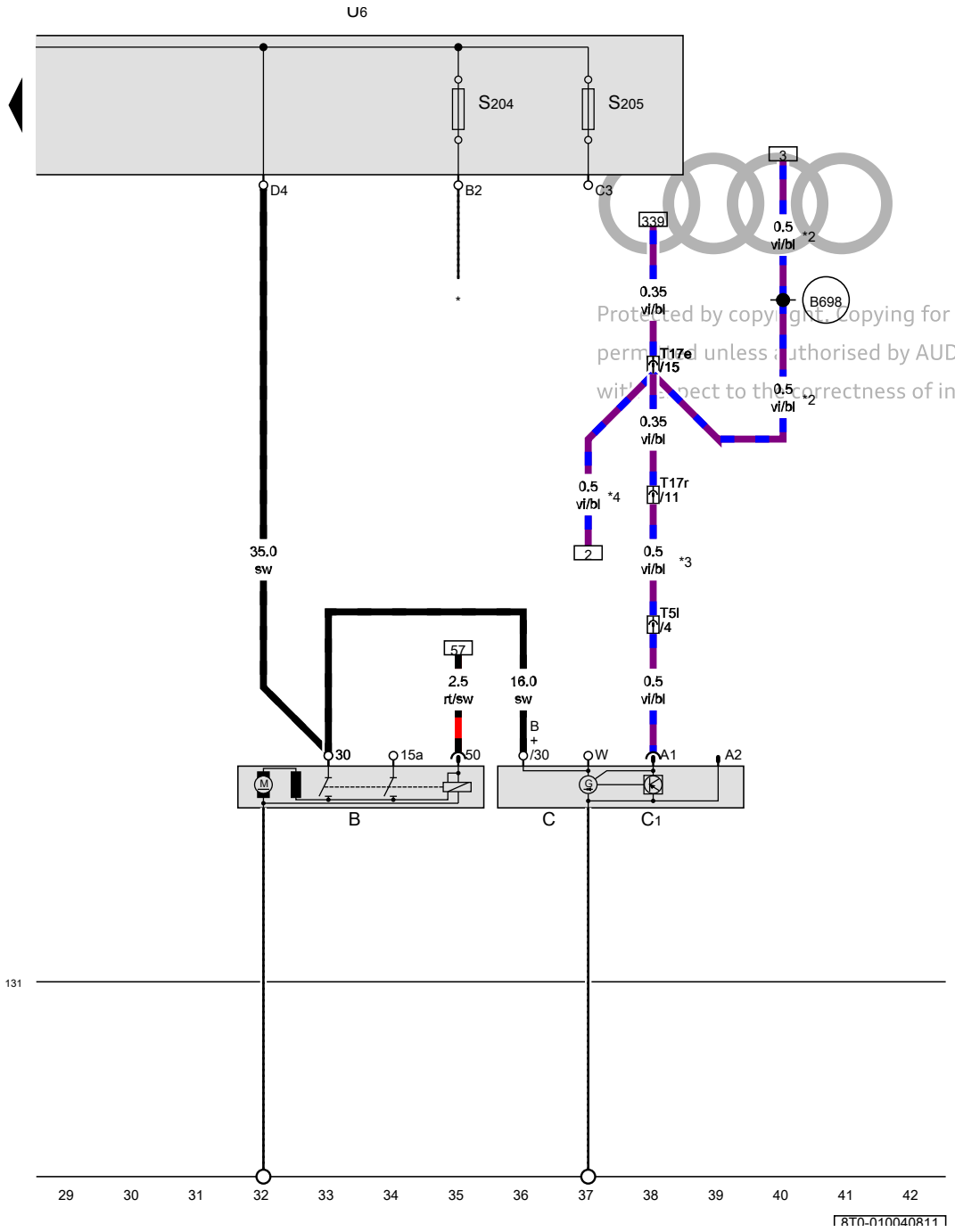


Battery isolation igniter, Terminal 30 wiring junction 2, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	Only models with secondary air pump
*2	Cross-section 4.0 possible
*3	Gradually discontinued

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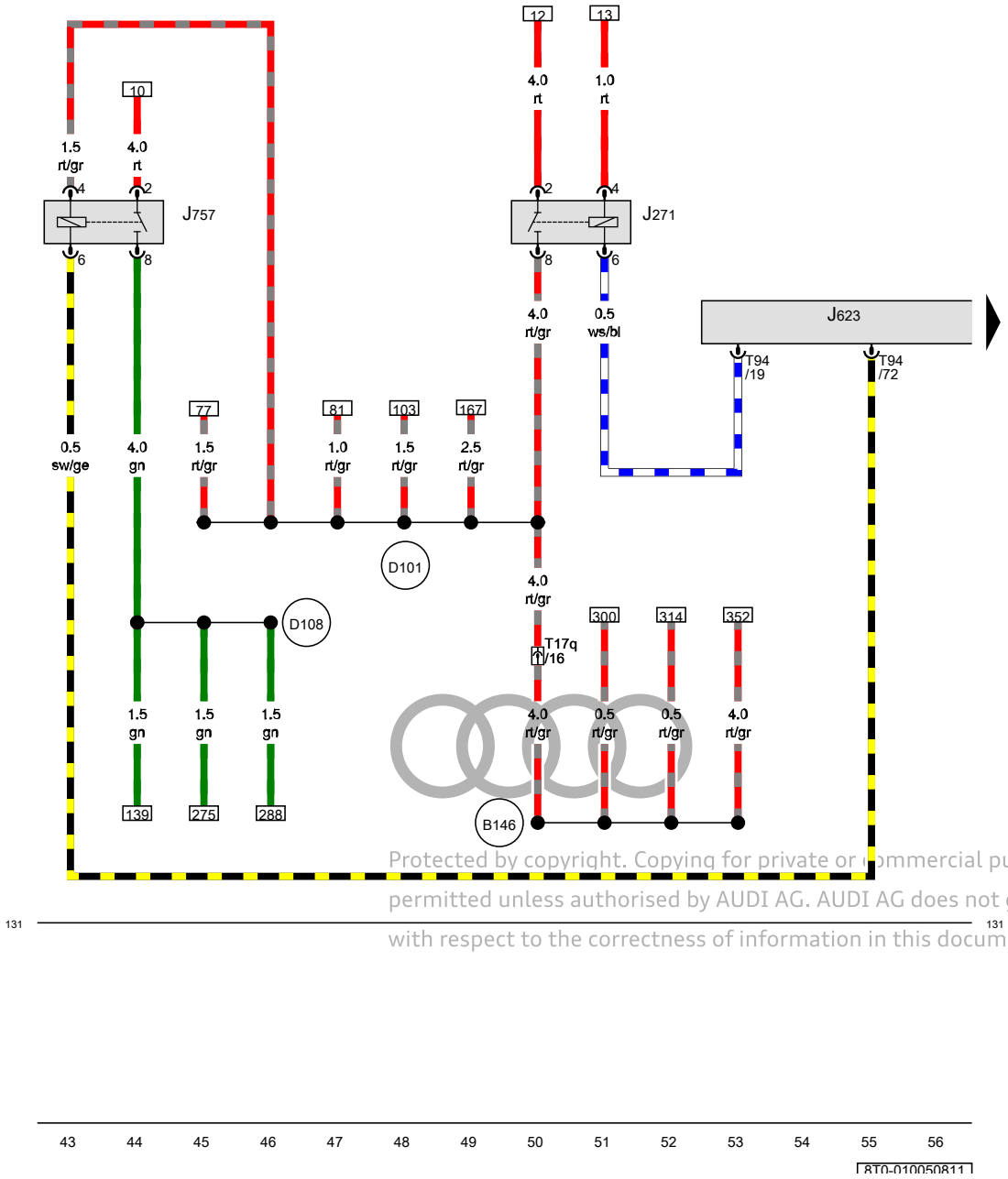


Starter, Alternator, Voltage regulator, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	From May 2009
*3	Cross section depends on equipment
*4	Up to April 2009

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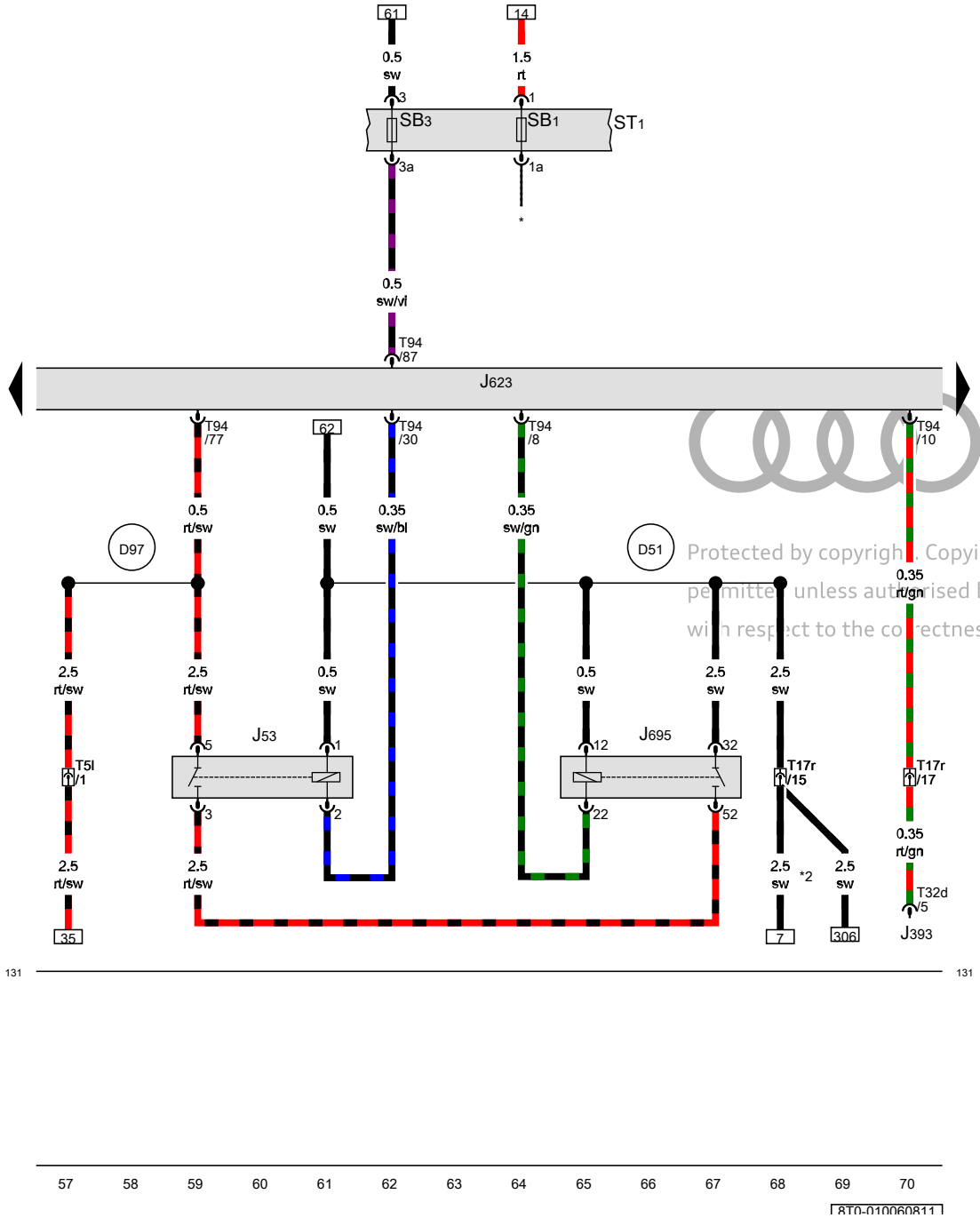


Main relay, Engine control unit, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness

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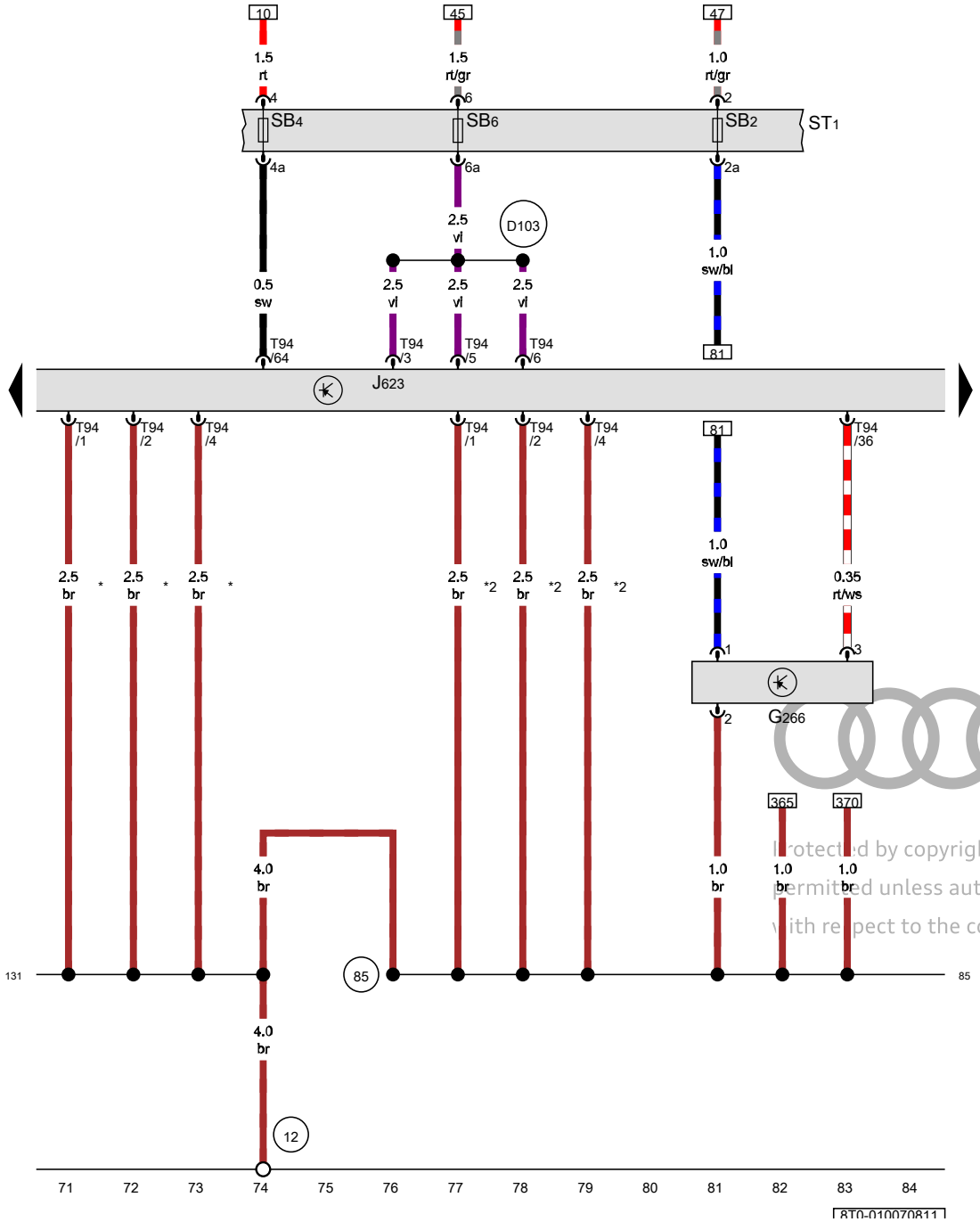


Starter motor relay, Engine control unit, Starter motor relay 2, Fuse carrier 1

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Up to April 2009

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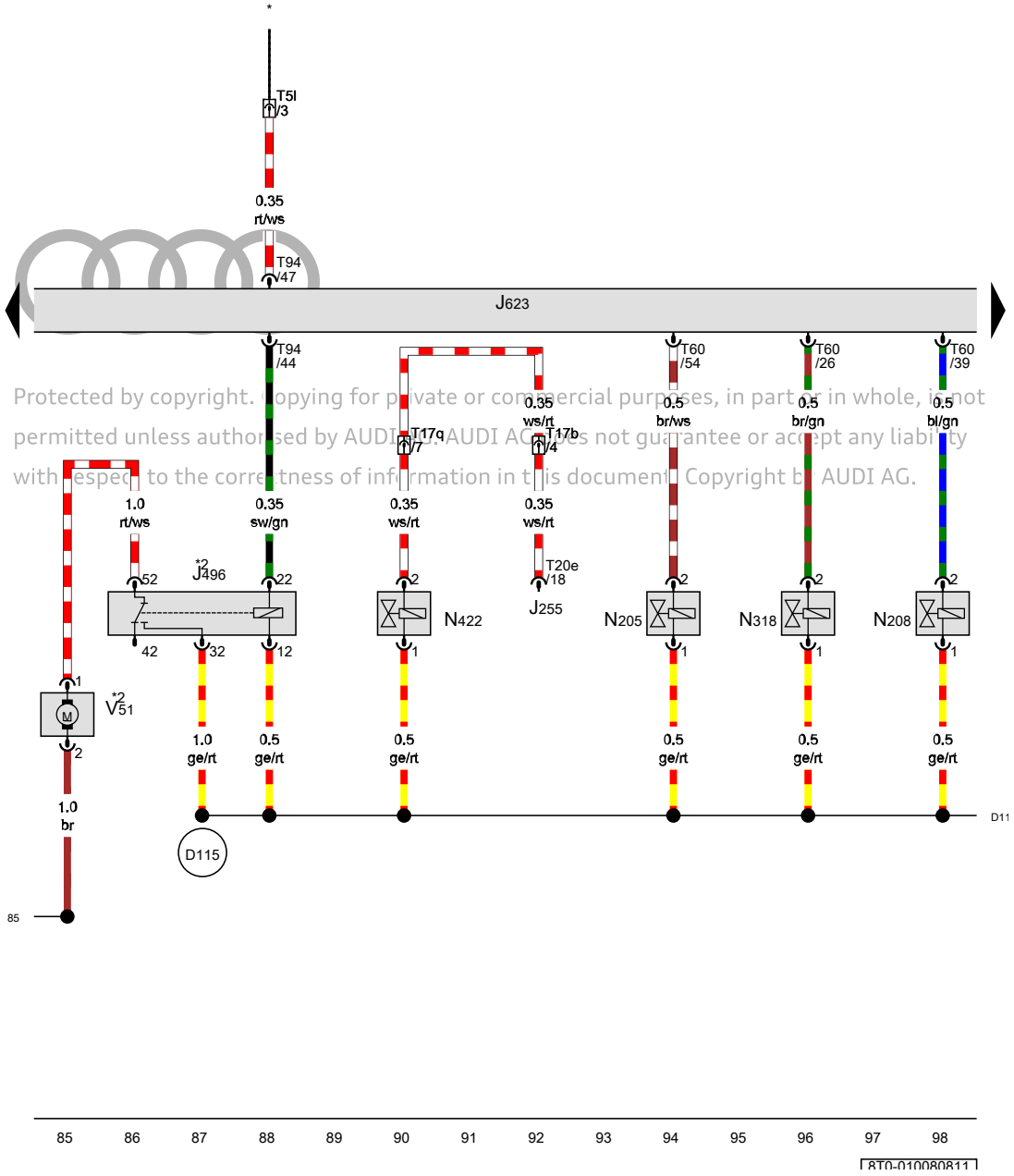


Oil level and oil temperature sender, Engine control unit, Fuse carrier 1

G266	Oil level and oil temperature sender
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	gradual introduction
*2	Gradually discontinued

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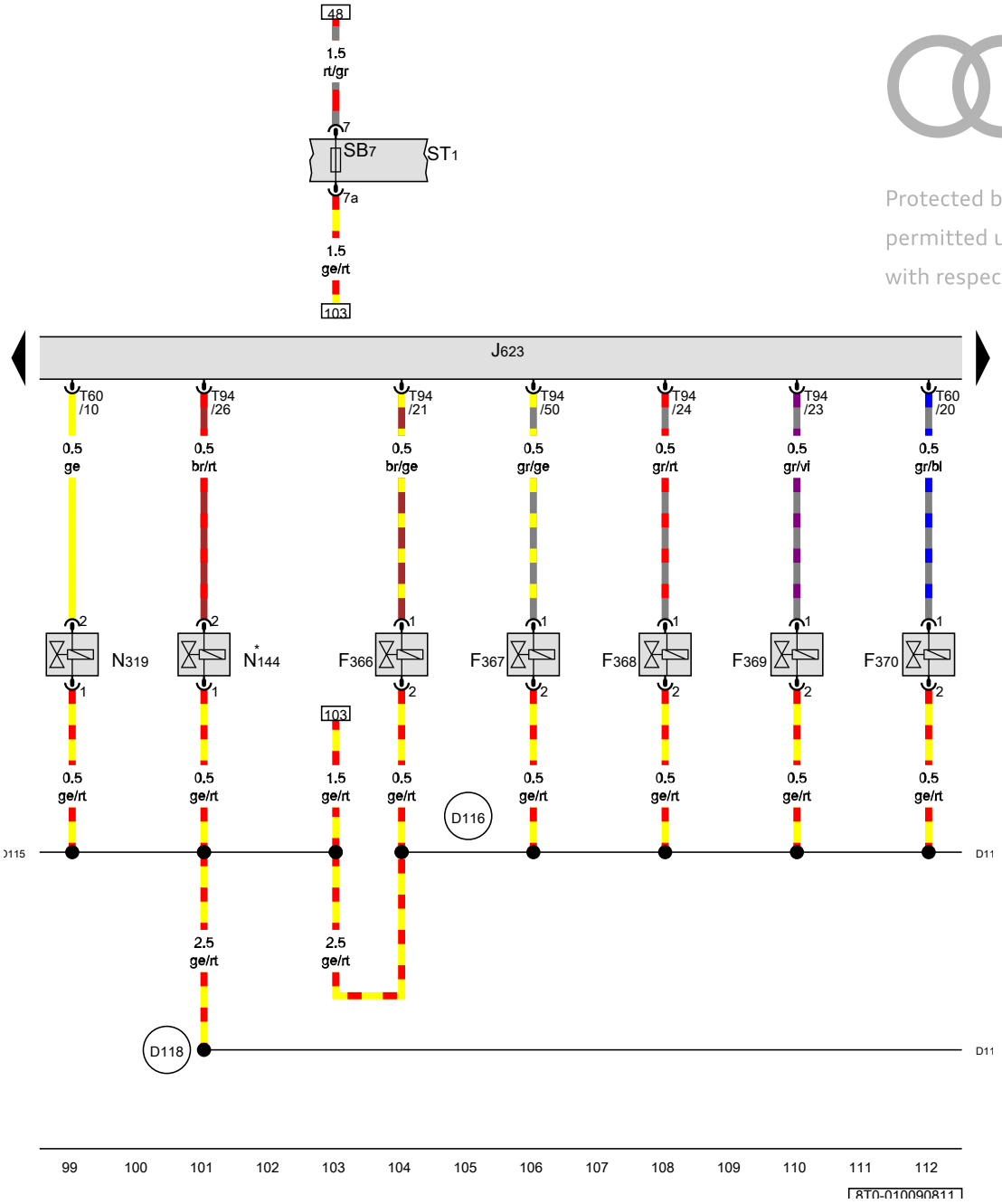


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Engine control unit, Camshaft control valve 1, Exhaust camshaft control valve 1, Climatronic coolant shut-off valve, Continued coolant circulation pump

J255	Climatronic control unit
J496	Additional coolant pump relay
J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N318	Exhaust camshaft control valve 1
N422	Climatronic coolant shut-off valve
T5l	5-pin connector, in engine compartment
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
85	Earth connection 1, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	Only for countries with hot climate

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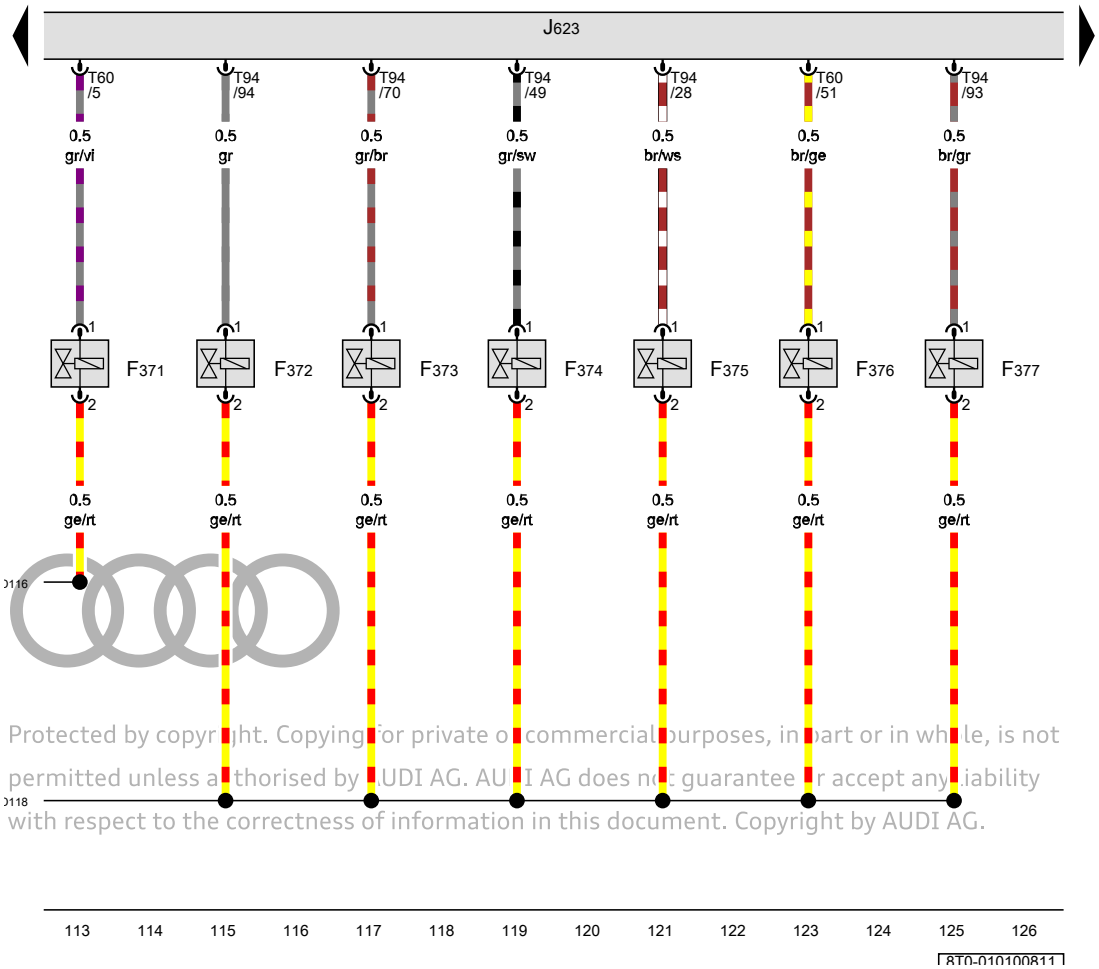
Actuator 1 for camshaft adjustment, Engine control unit, Left electrohydraulic engine mounting solenoid valve, Exhaust camshaft control valve 2

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
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N319	Exhaust camshaft control valve 2
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness
*	According to equipment

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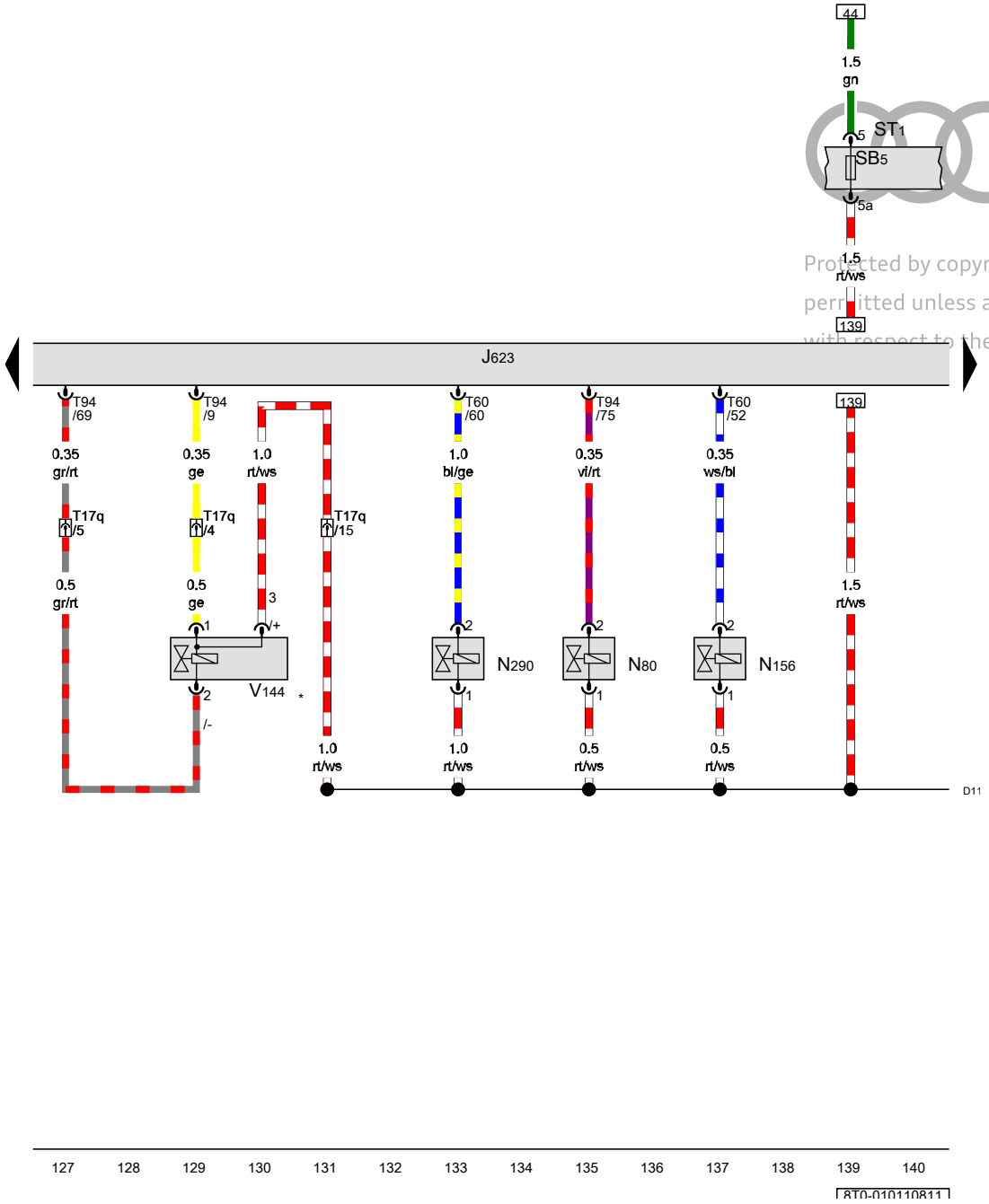
Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Engine control unit

F371	Actuator 6 for camshaft adjustment
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
T94	94-pin connector
D116	Connection 14 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness



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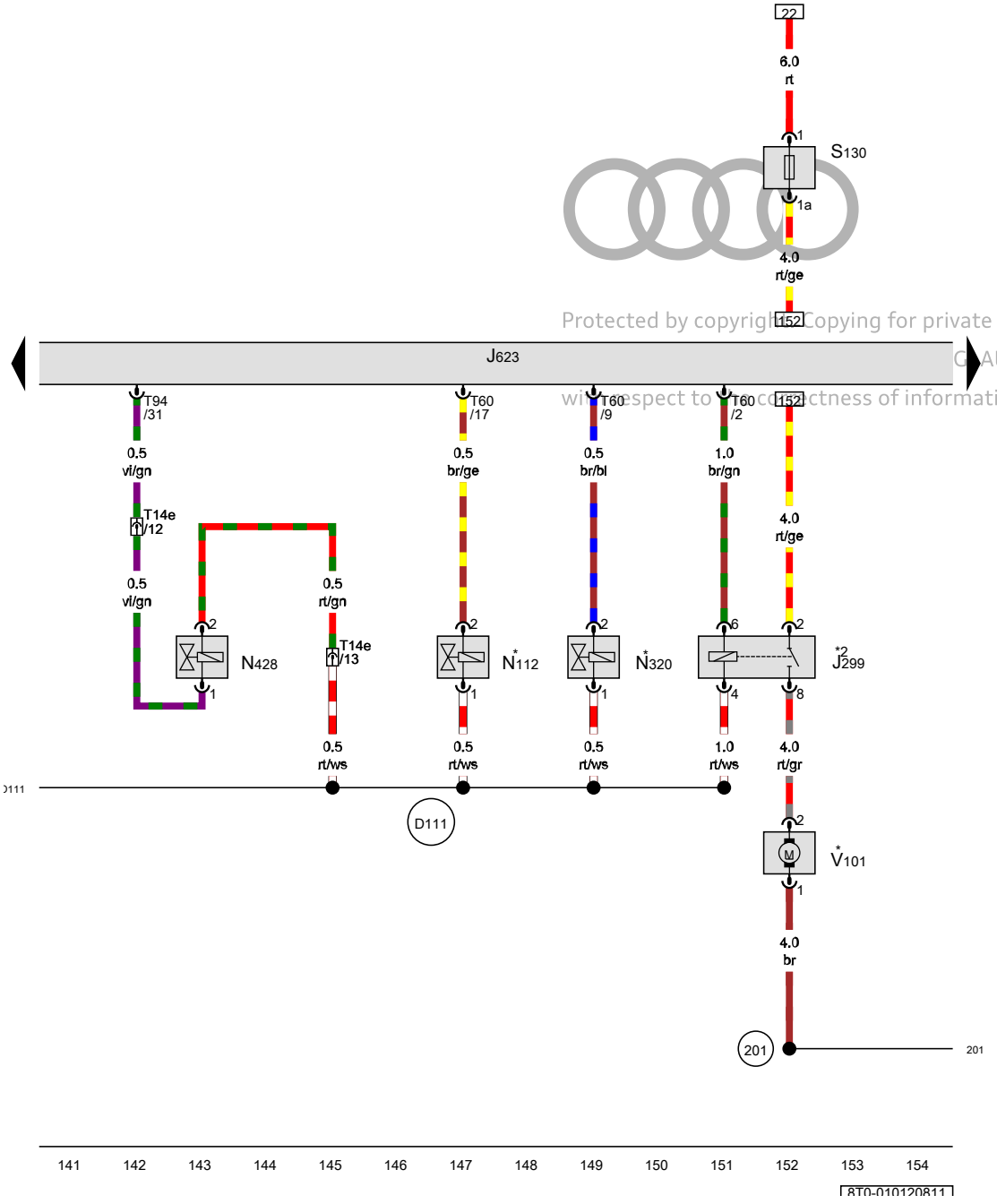


Engine control unit, Activated charcoal filter solenoid valve 1, Variable intake manifold changeover valve, Fuel metering valve, Fuel system diagnostic pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N156	Variable intake manifold changeover valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
D111	Connection 9 in engine compartment wiring harness
*	Only for American markets

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



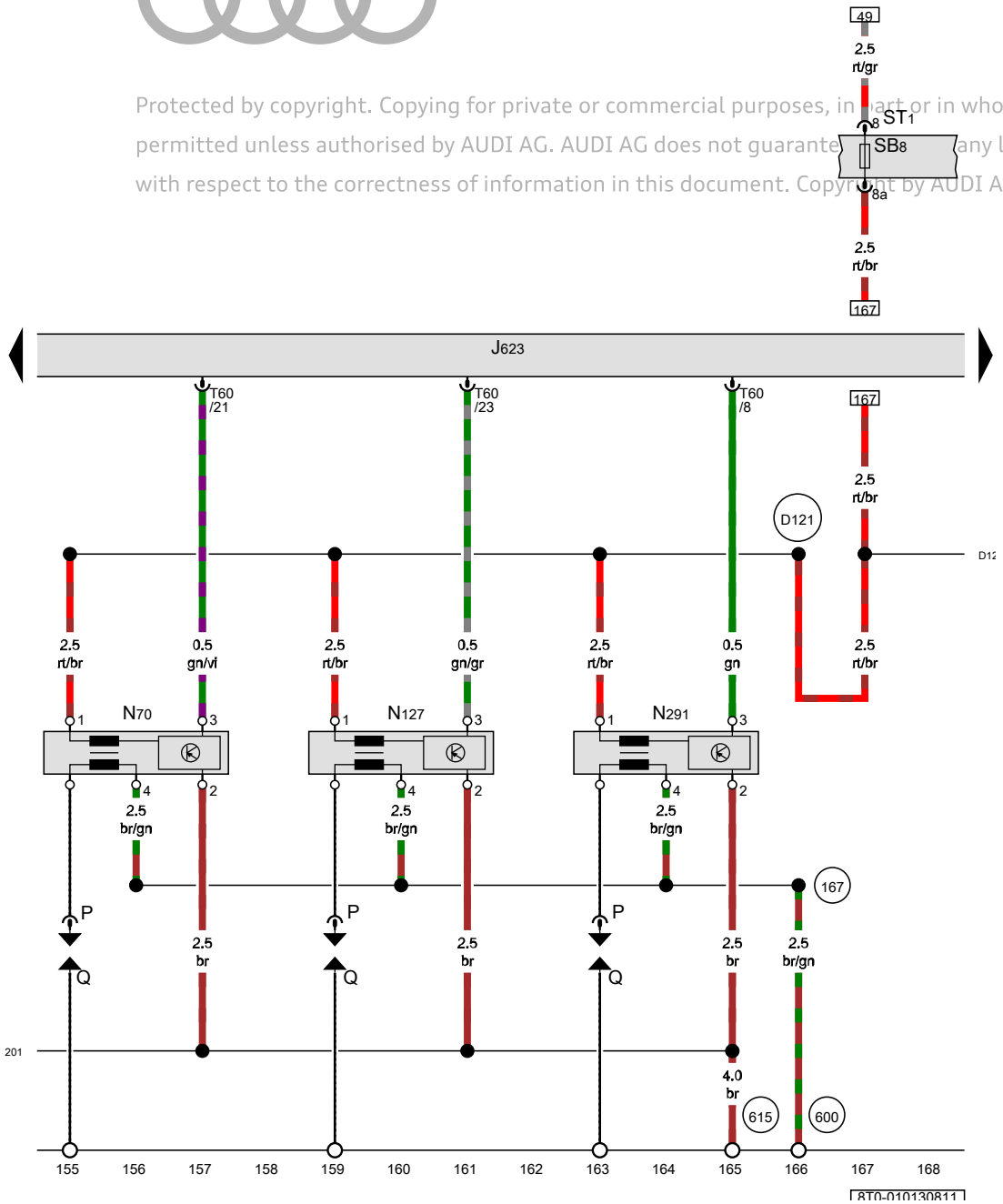
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Engine control unit, Secondary air inlet valve, Valve for oil pressure control, Secondary air pump motor

J299	Secondary air pump relay
J623	Engine control unit
N112	Secondary air inlet valve
N320	Secondary air inlet valve 2
N428	Valve for oil pressure control
S130	Secondary air pump fuse
T14e	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
V101	Secondary air pump motor
201	Earth connection 5, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	According to equipment
*2	Only models with secondary air pump

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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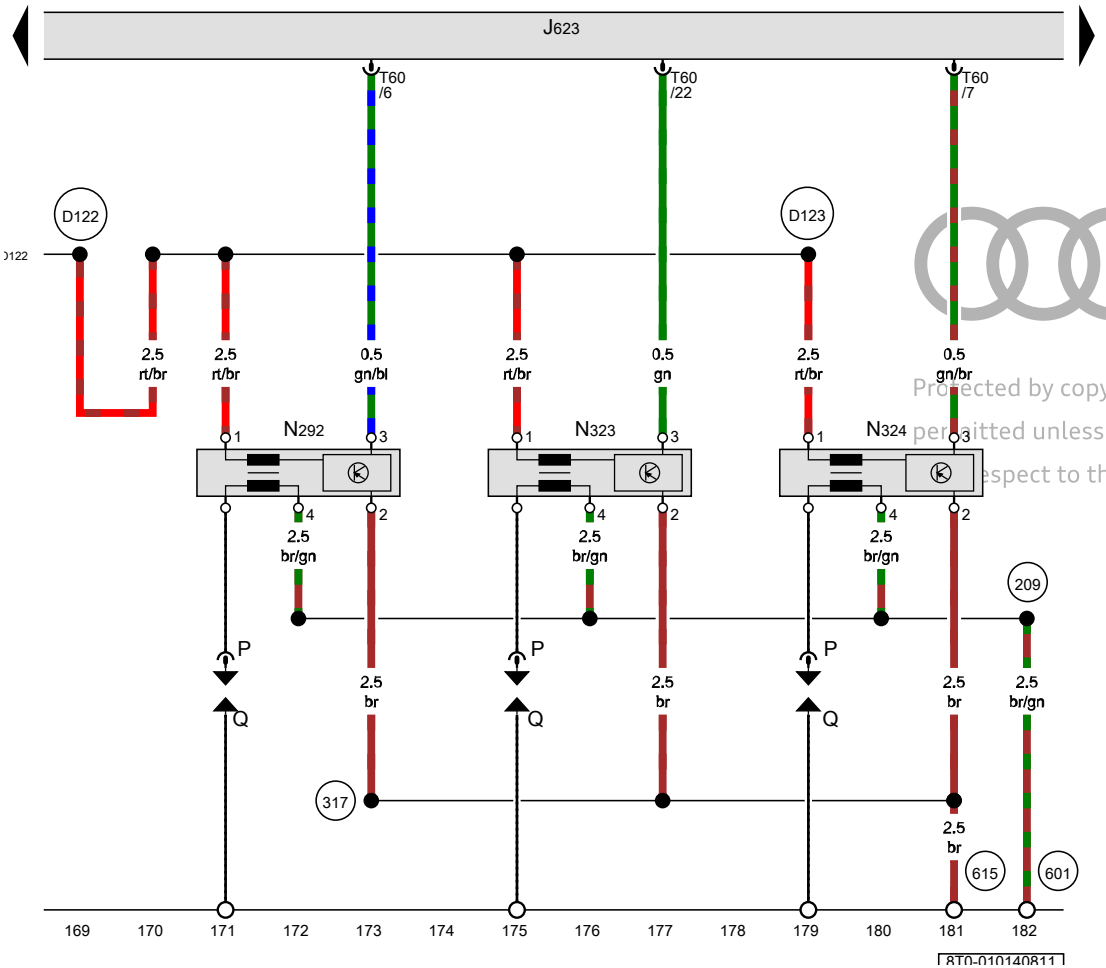
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ge = yellow
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

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
P	Spark plug connector
Q	Spark plugs
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
615	Earth point, on left suspension strut
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness

Engine control unit, Ignition coil 4 with output stage, Ignition coil 5 with output stage, Ignition coil 6 with output stage

J623	Engine 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
T60	60-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness

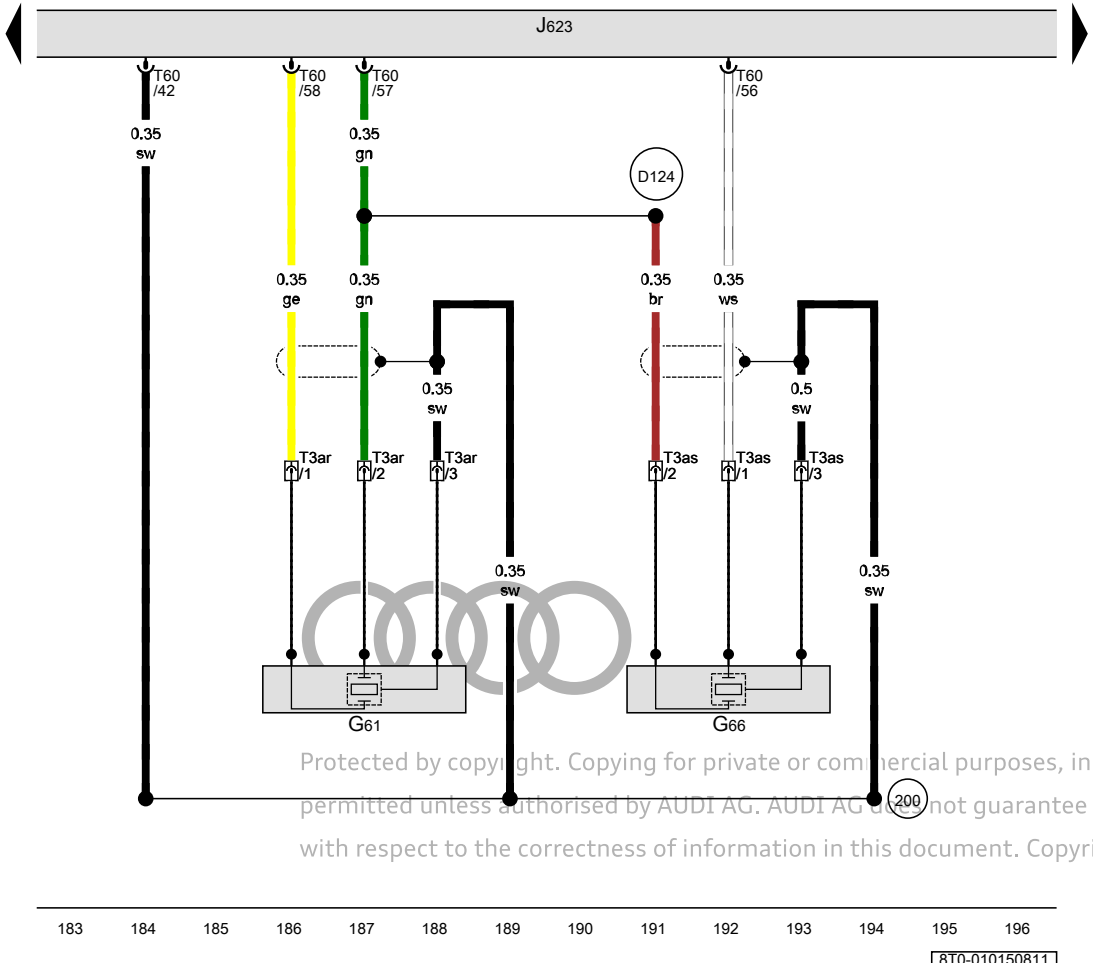


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Knock sensor 1, Knock sensor 2, Engine control unit

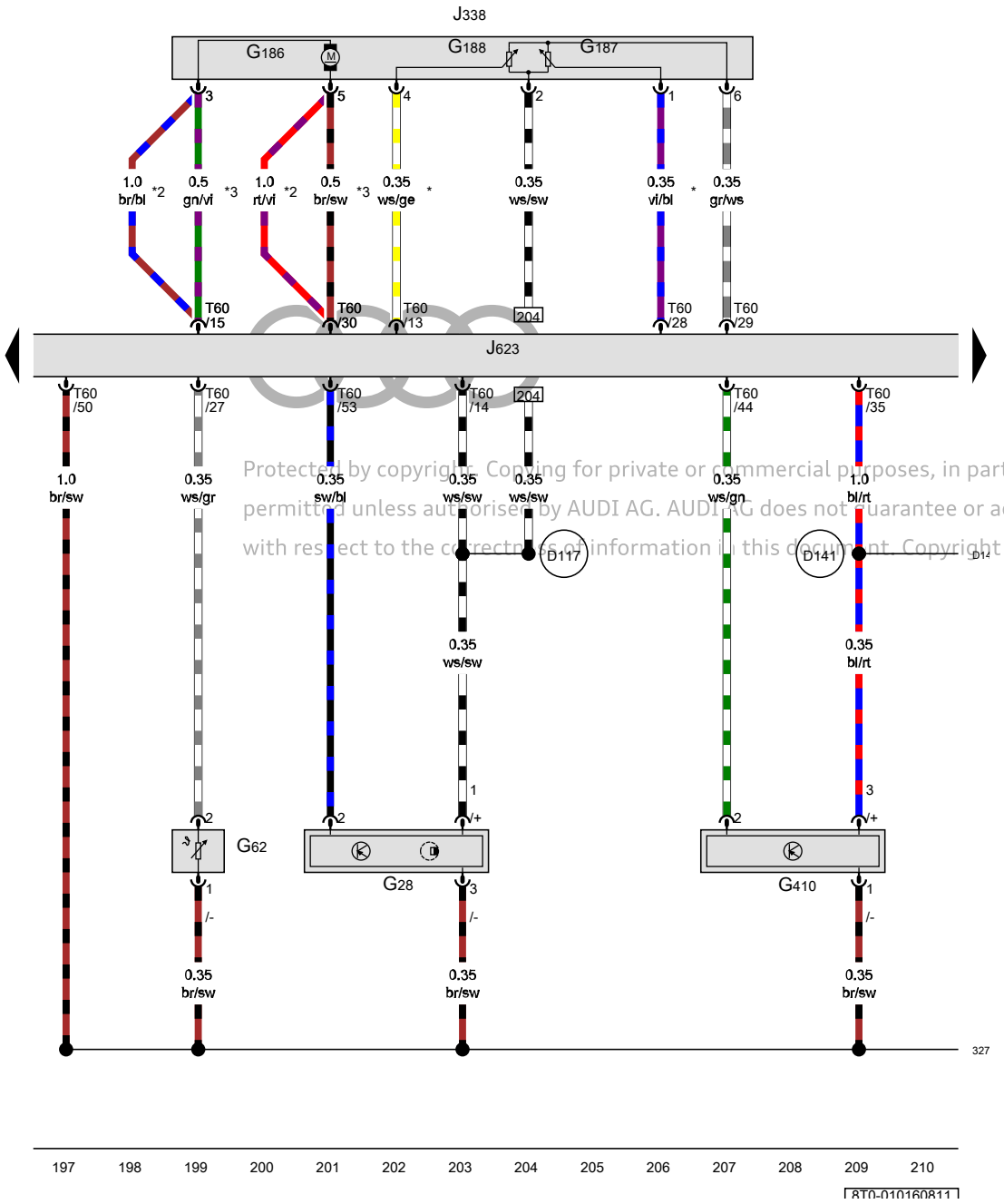
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine control unit
T3ar	3-pin connector, green
T3as	3-pin connector, grey
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D124	Connection 22 in engine compartment wiring harness



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Engine speed sender, Coolant temperature sender, Fuel pressure sender for low-pressure, Throttle valve module, Engine control unit



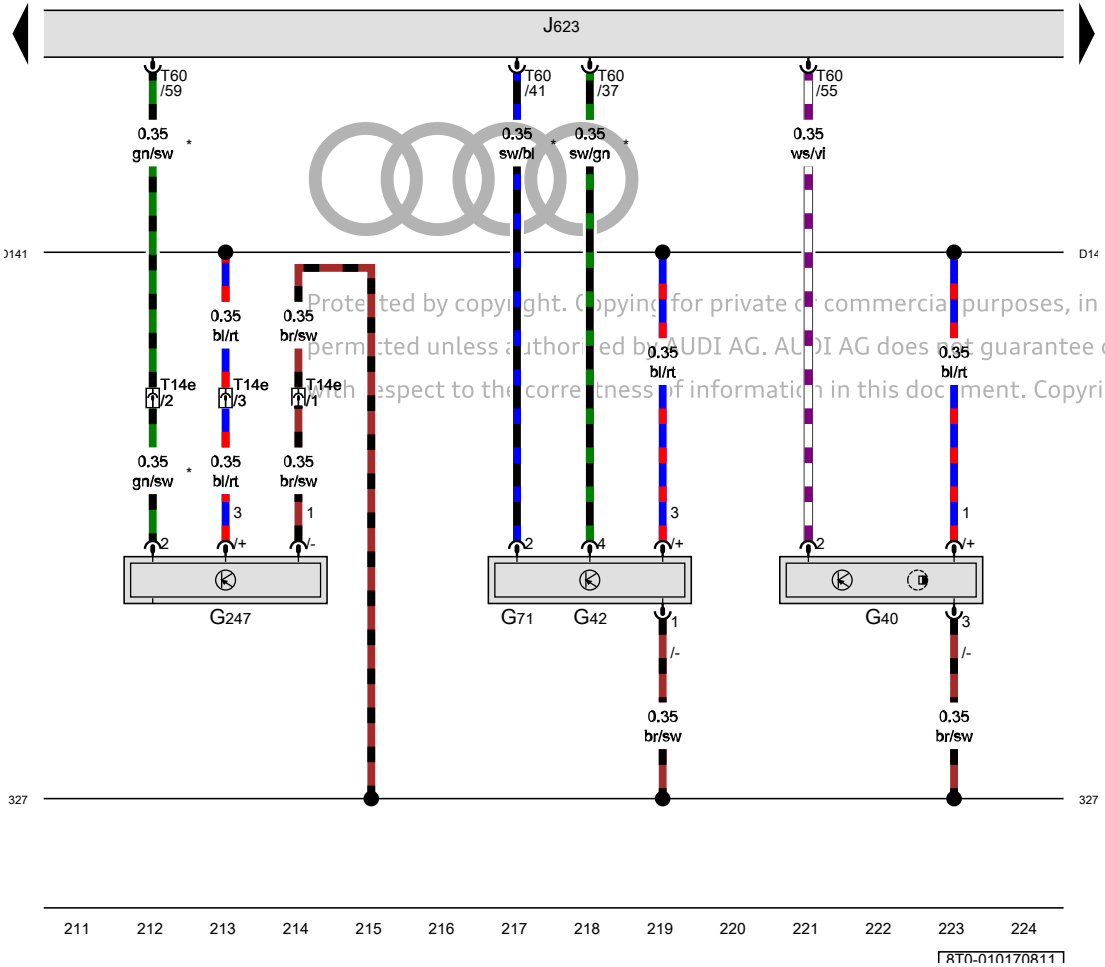
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G28	Engine speed sender
G62	Coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G410	Fuel pressure sender for low-pressure
J338	Throttle valve module
J623	Engine control unit
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment
*2	Gradually discontinued
*3	gradual introduction

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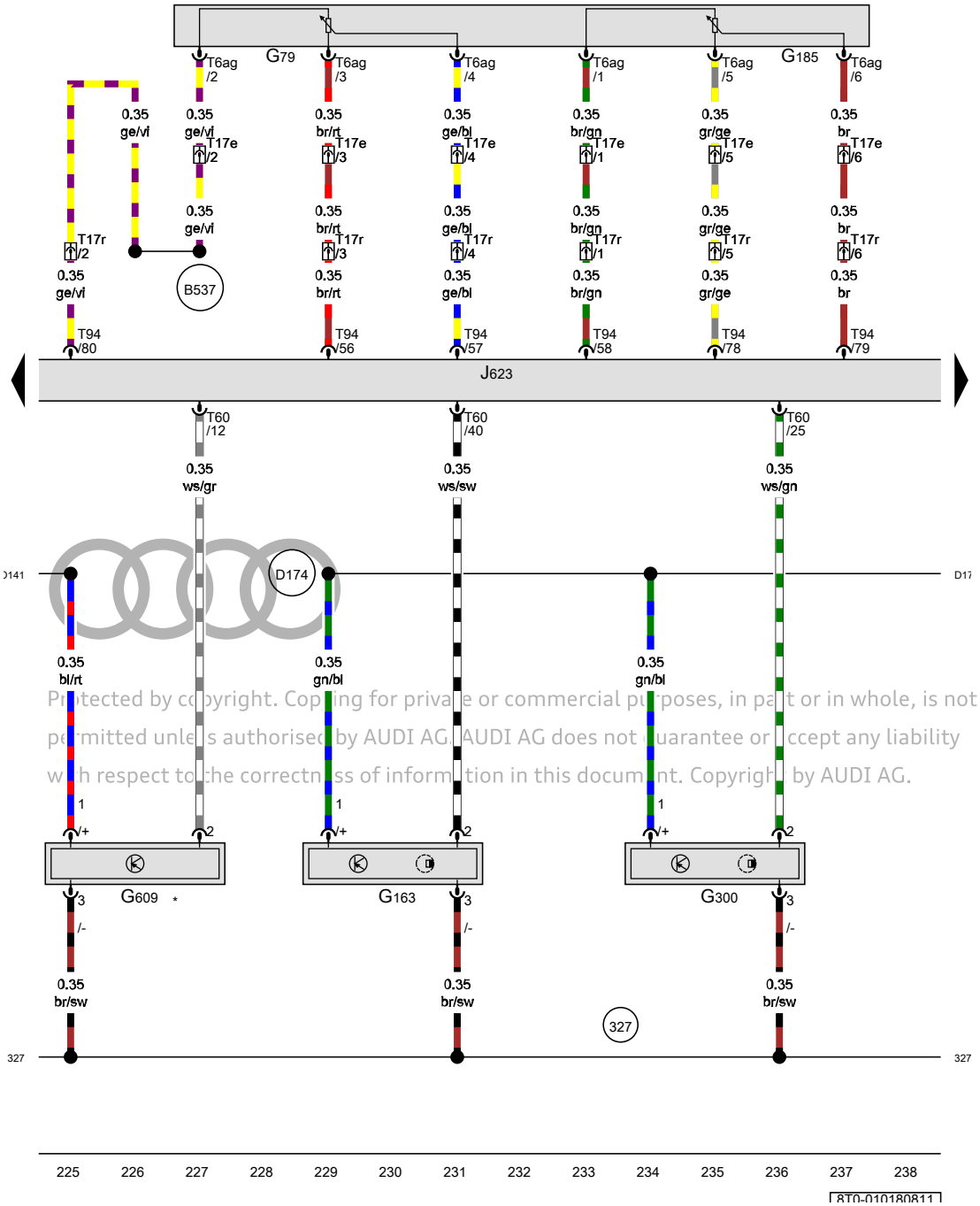
Hall sender, Intake air temperature sender, Fuel pressure sender, Engine control unit

G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
J623	Engine control unit
T14e	14-pin connector, on left in engine compartment
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment



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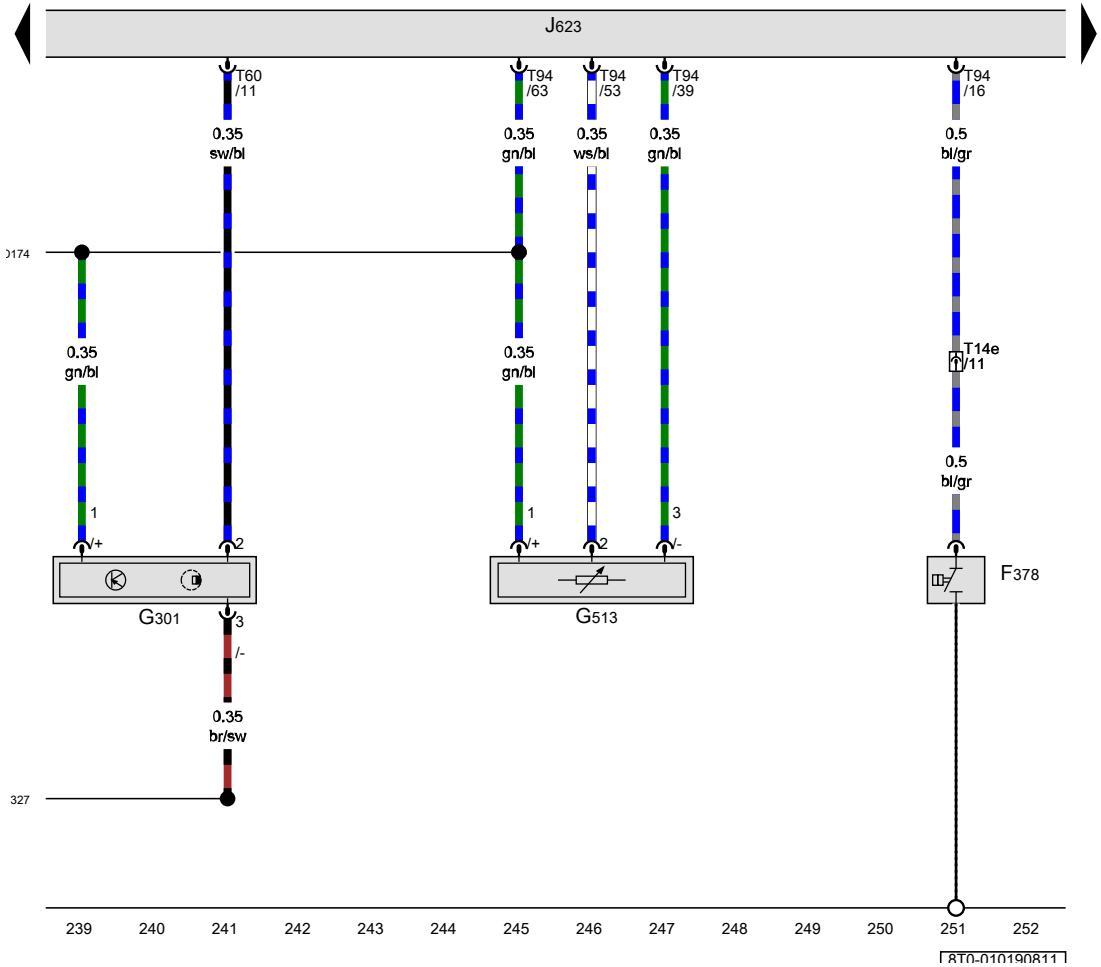
Accelerator position sender, Hall sender 2, Accelerator position sender 2, Hall sender 3, Sender 1 for secondary air pressure, Engine control unit

G79	Accelerator position sender
G163	Hall sender 2
G185	Accelerator position sender 2
G300	Hall sender 3
G609	Sender 1 for secondary air pressure
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
B537	Connection 28, in main wiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	According to equipment

Oil pressure switch for reduced oil pressure, Hall sender 4, Variable intake manifold position sender, Engine control unit

F378	Oil pressure switch for reduced oil pressure
G301	Hall sender 4
G513	Variable intake manifold position sender
J623	Engine control unit
T14e	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
D174	Connection 2 (5V) in engine prewiring harness

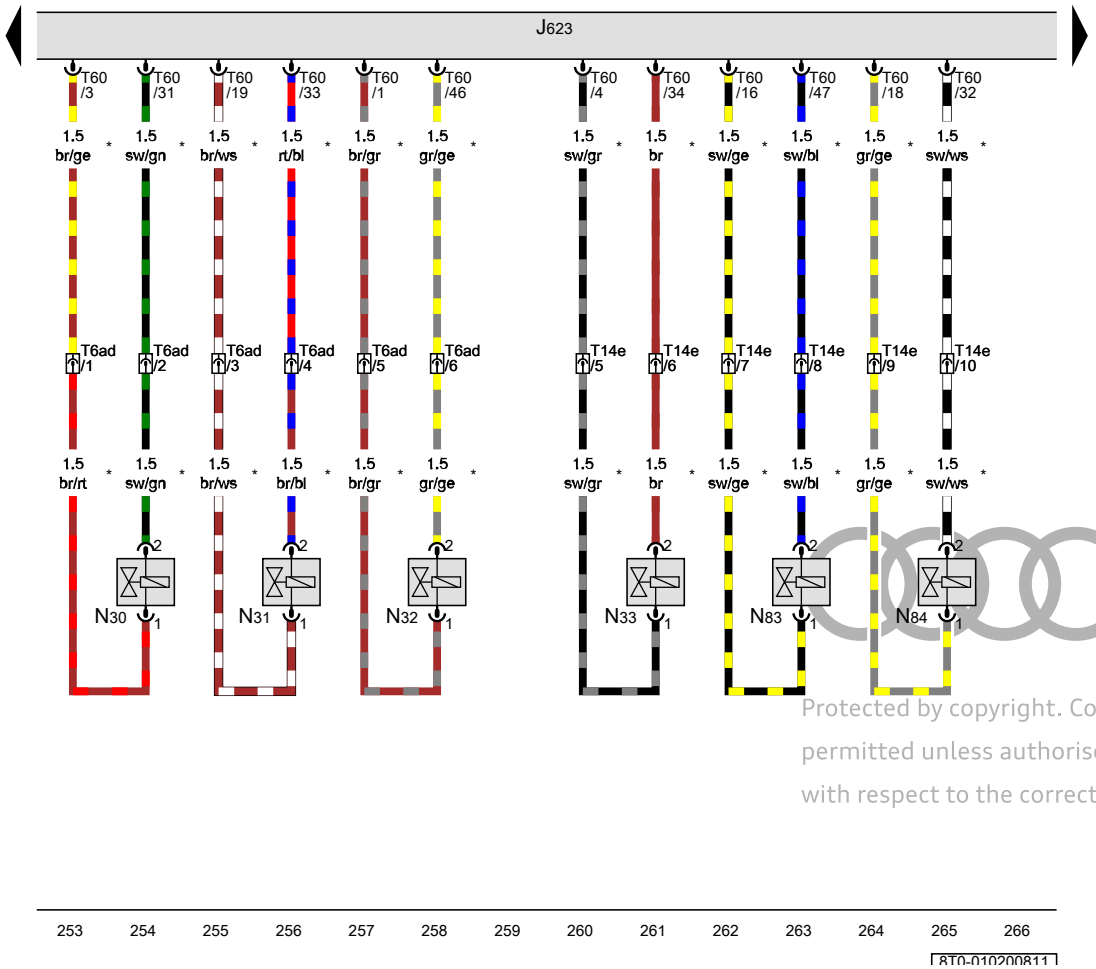
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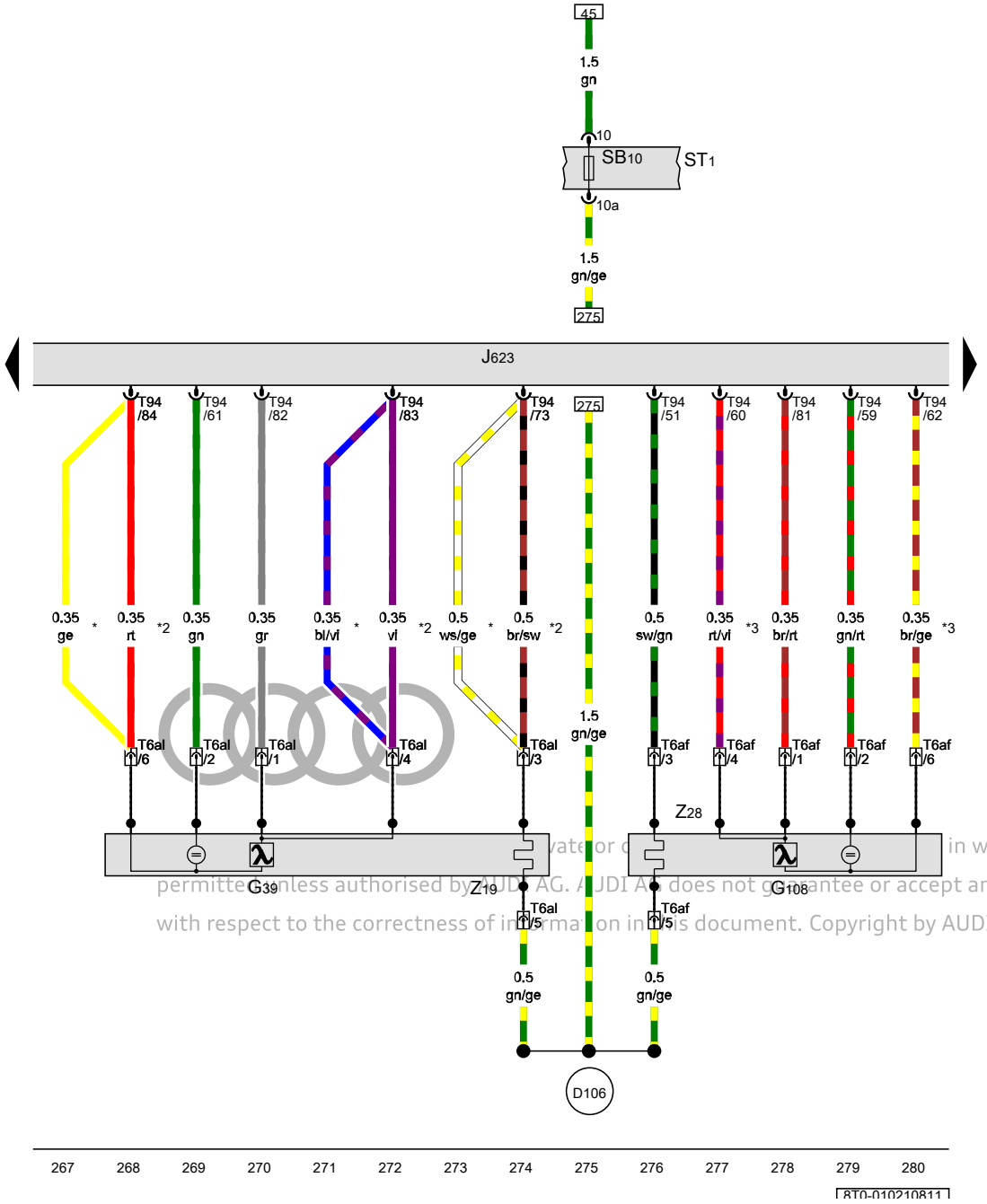
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 6

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
T6ad	6-pin connector, on right in engine compartment
T14e	14-pin connector, on left in engine compartment
T60	60-pin connector
*	According to equipment



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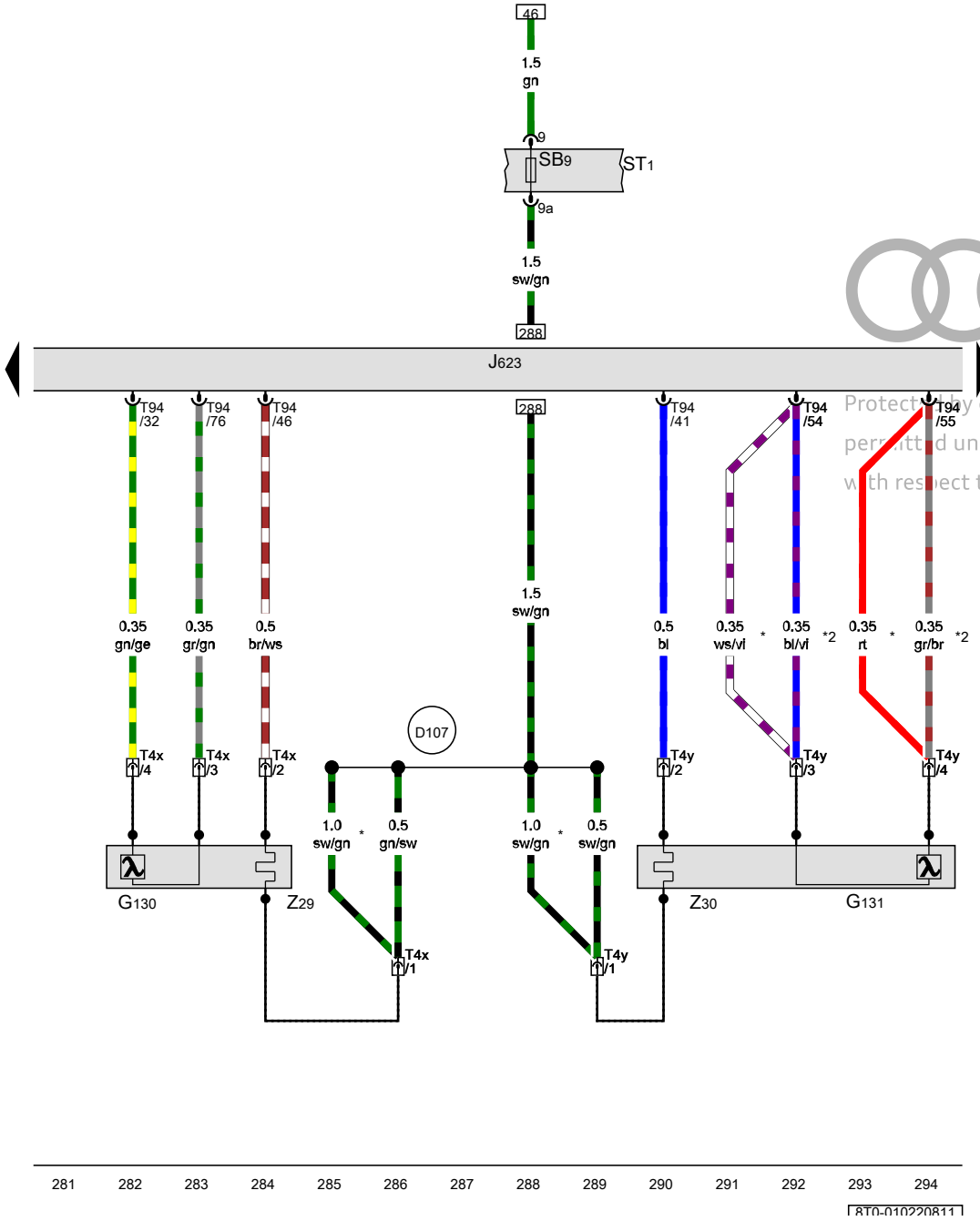


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Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6af	6-pin connector, black
T6al	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction
*3	Wiring colour depends on equipment

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sw	=	black
ro	=	red
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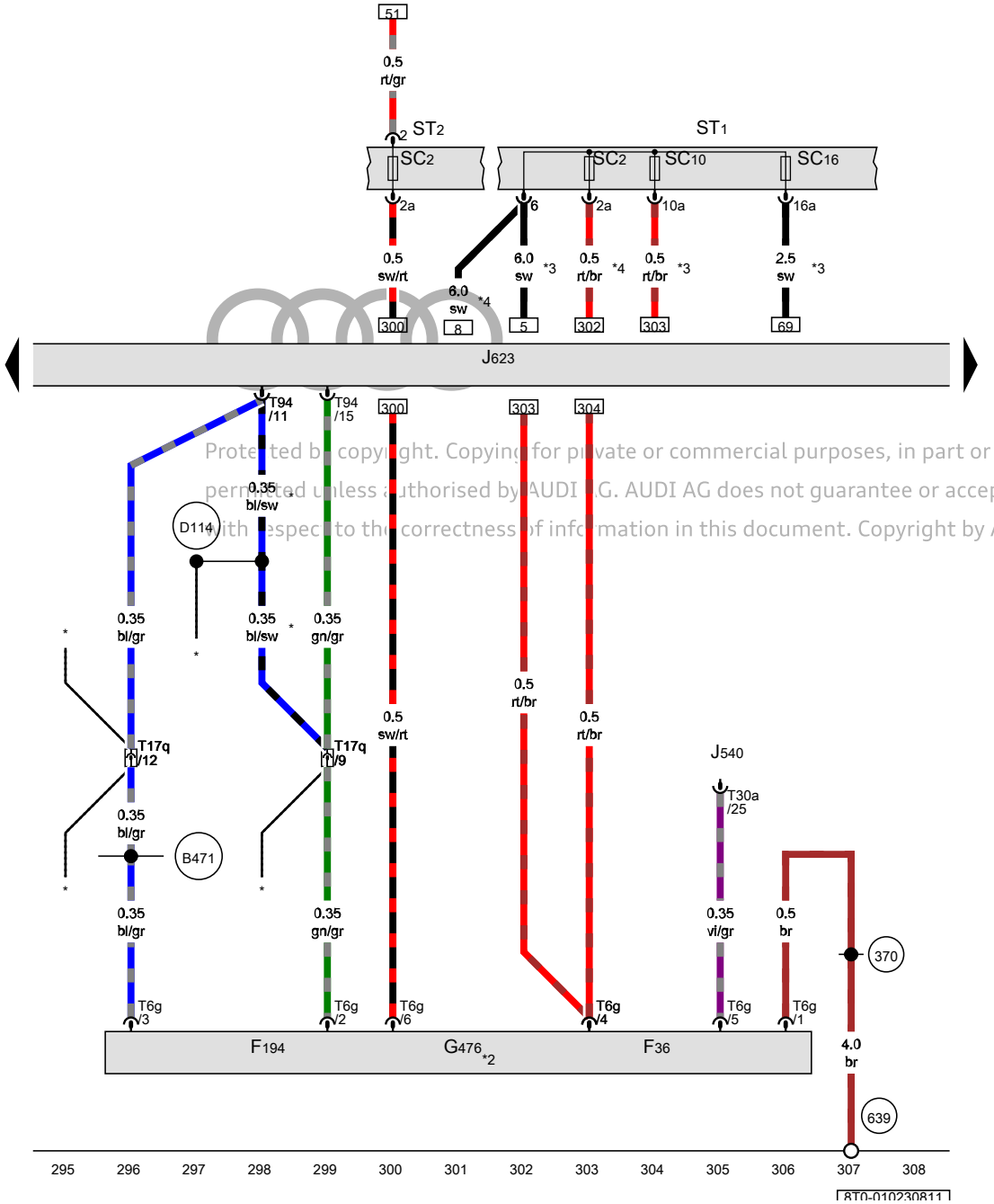


Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4x	4-pin connector, black
T4y	4-pin connector, brown
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

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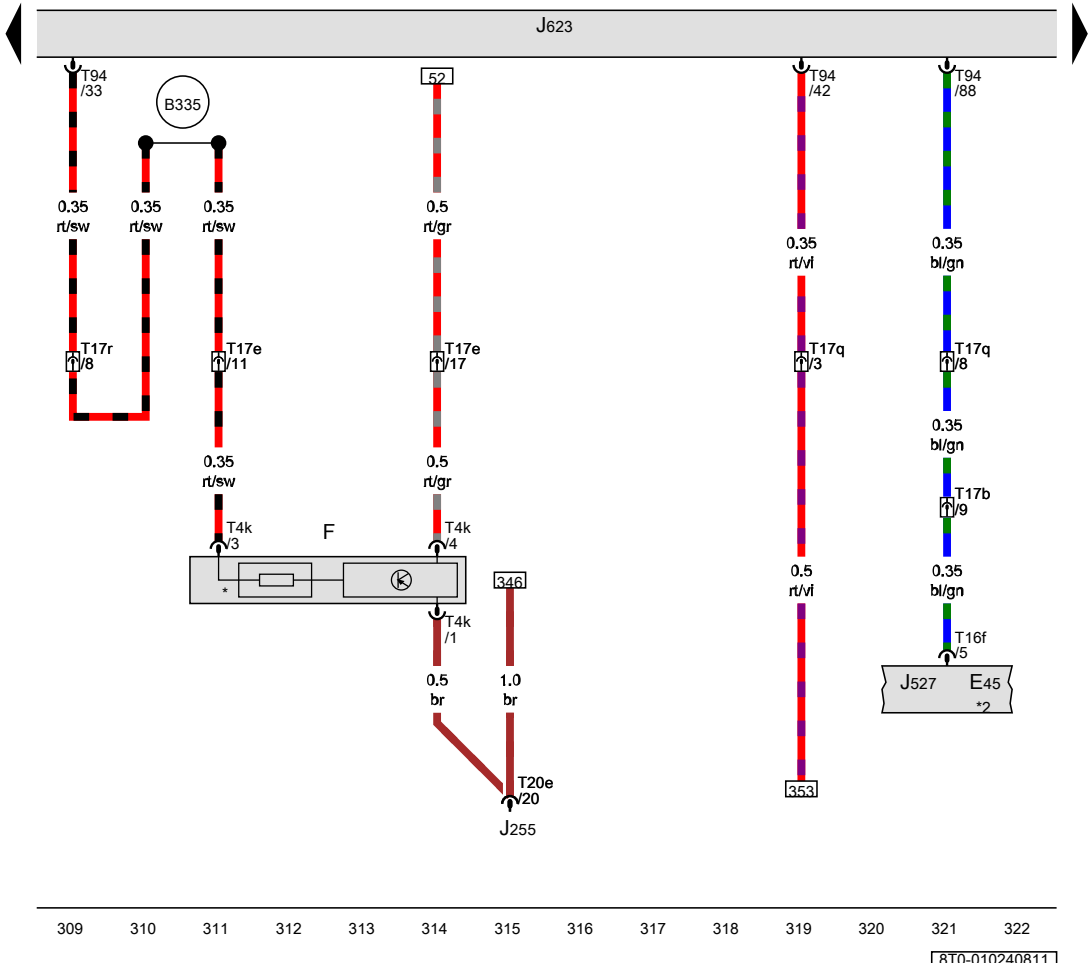
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Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox
*3	From May 2009
*4	Up to April 2009

ws	=	white
sw	=	black
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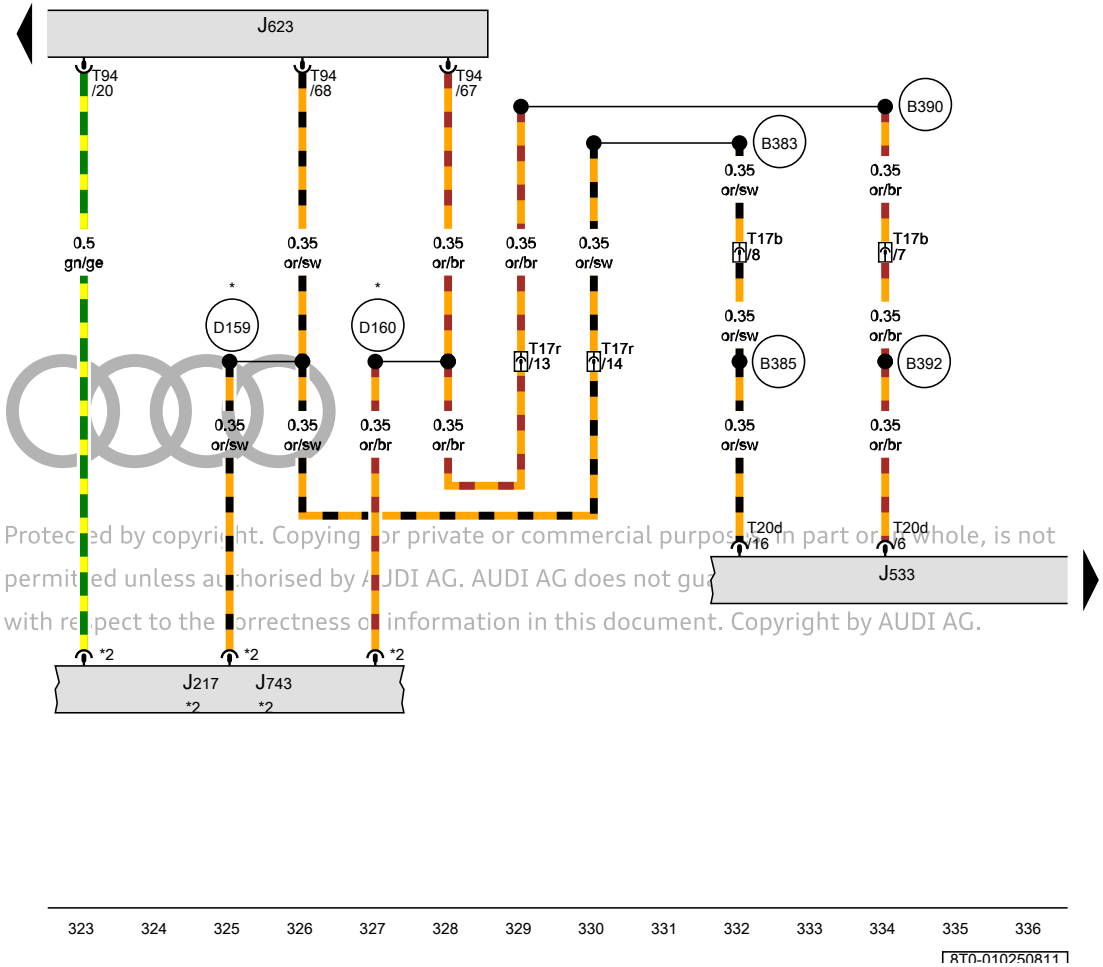
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Brake light switch, Engine control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

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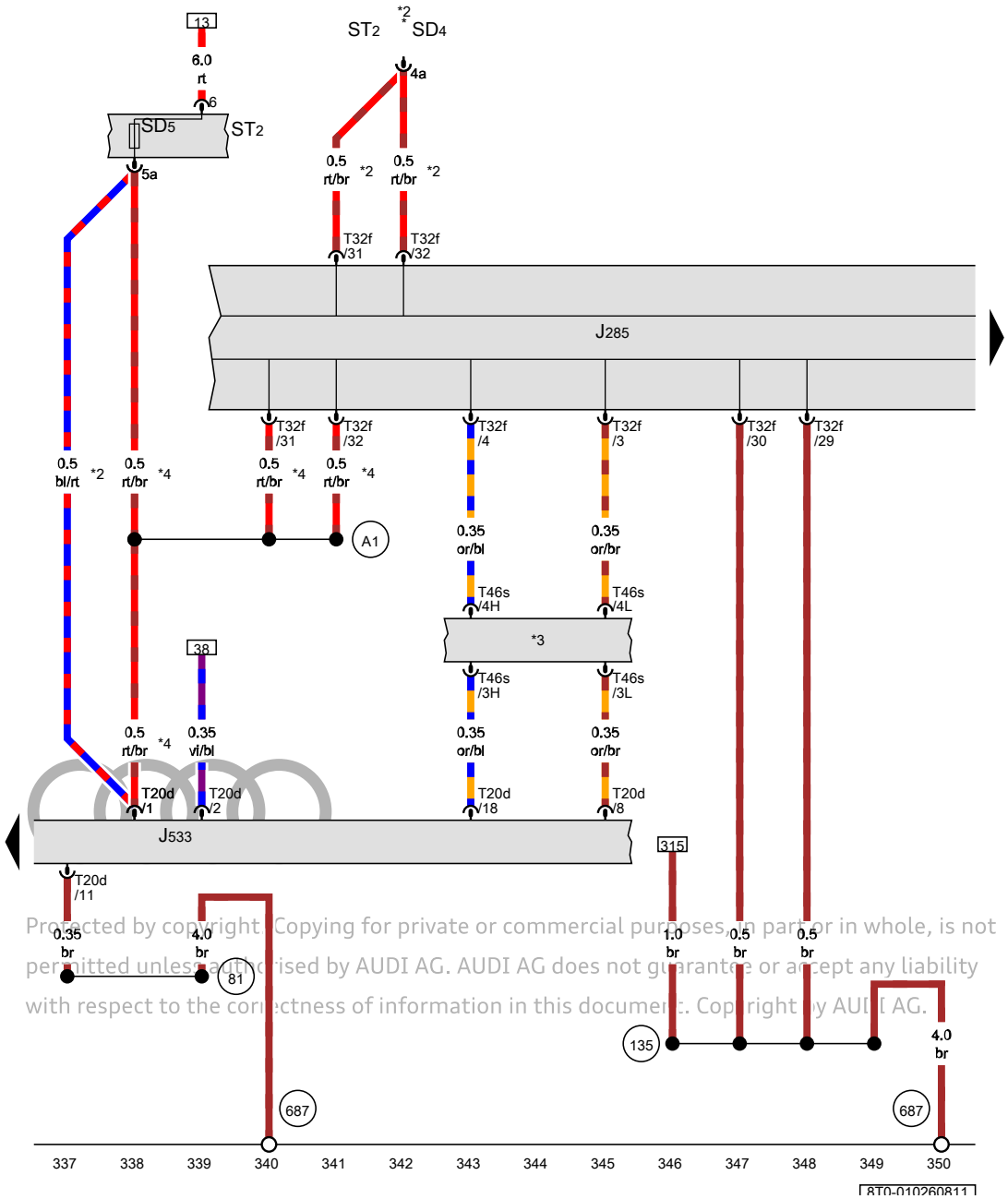


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Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

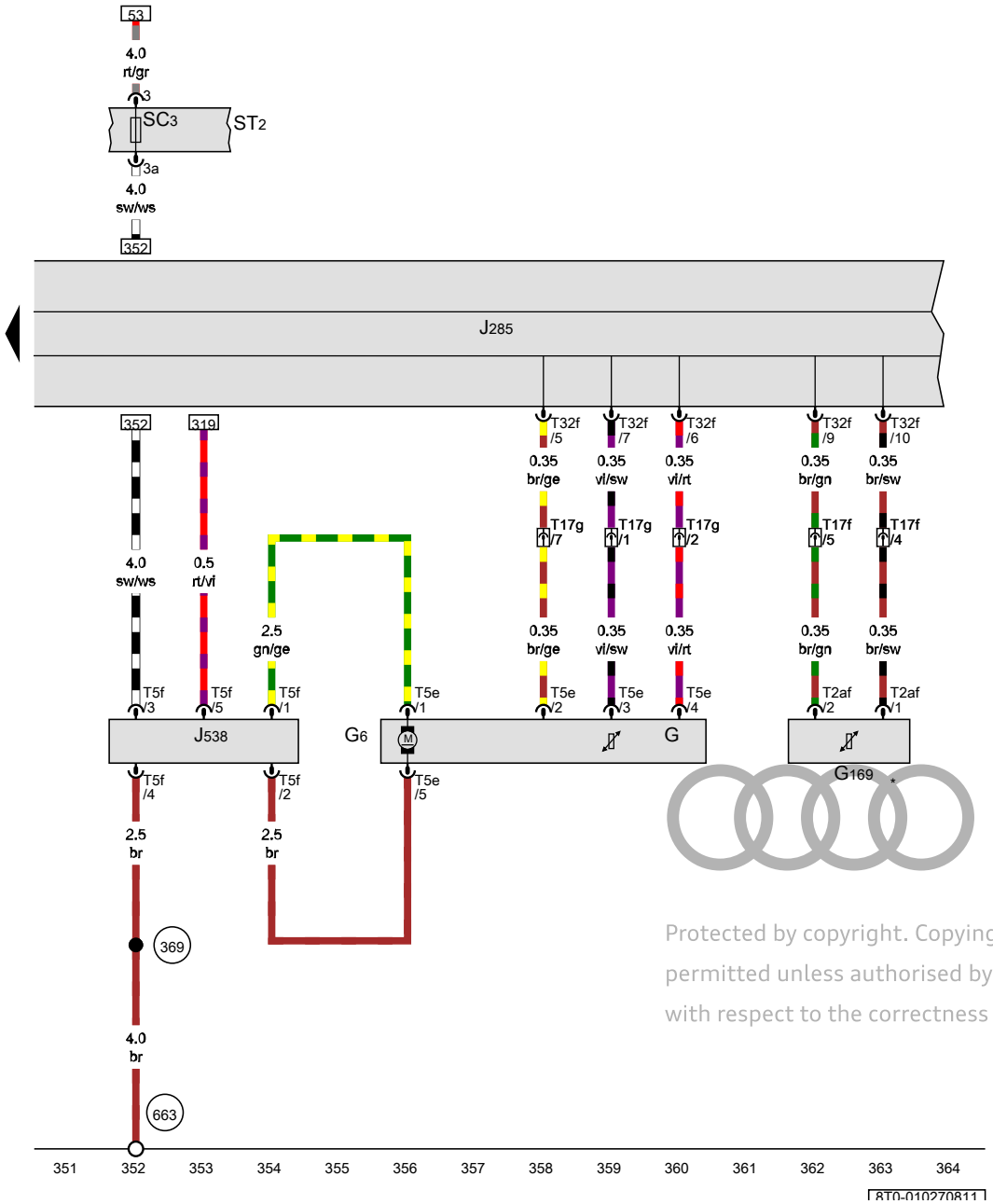


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	see applicable current flow diagram
*4	Up to April 2009



Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

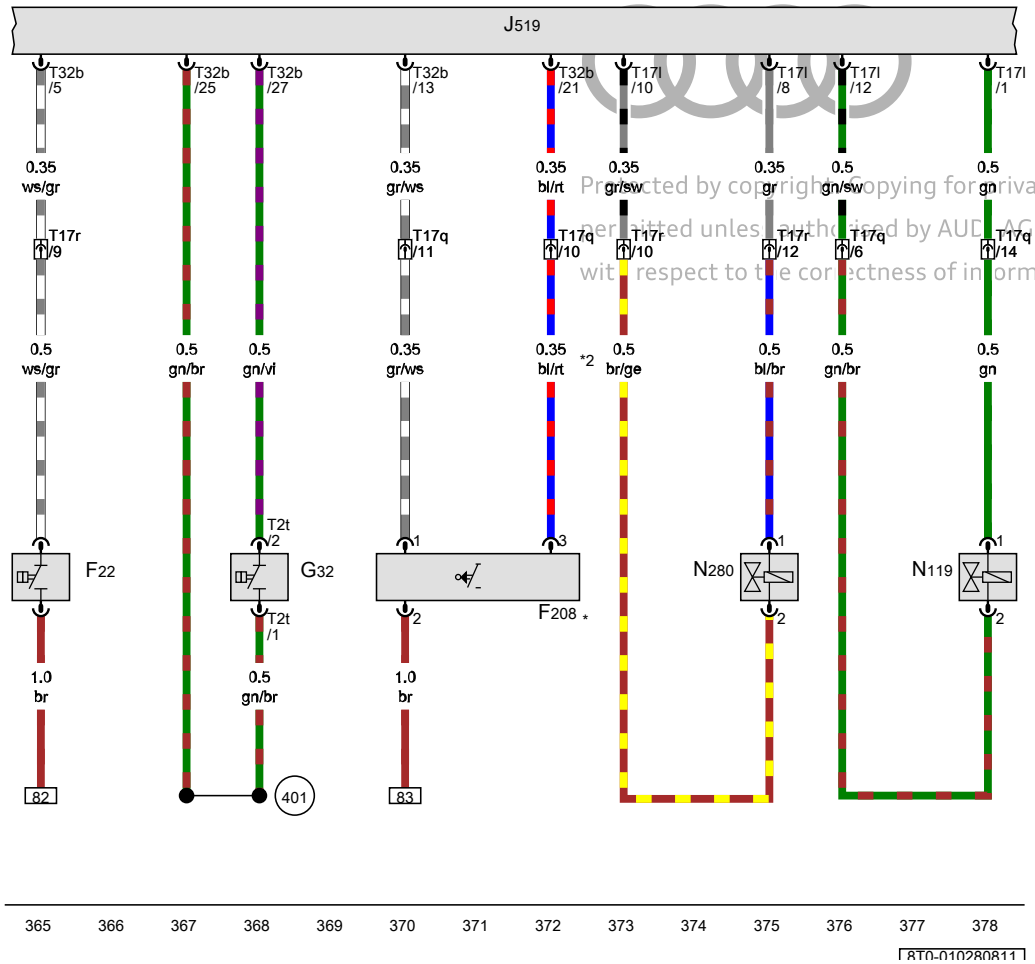
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive

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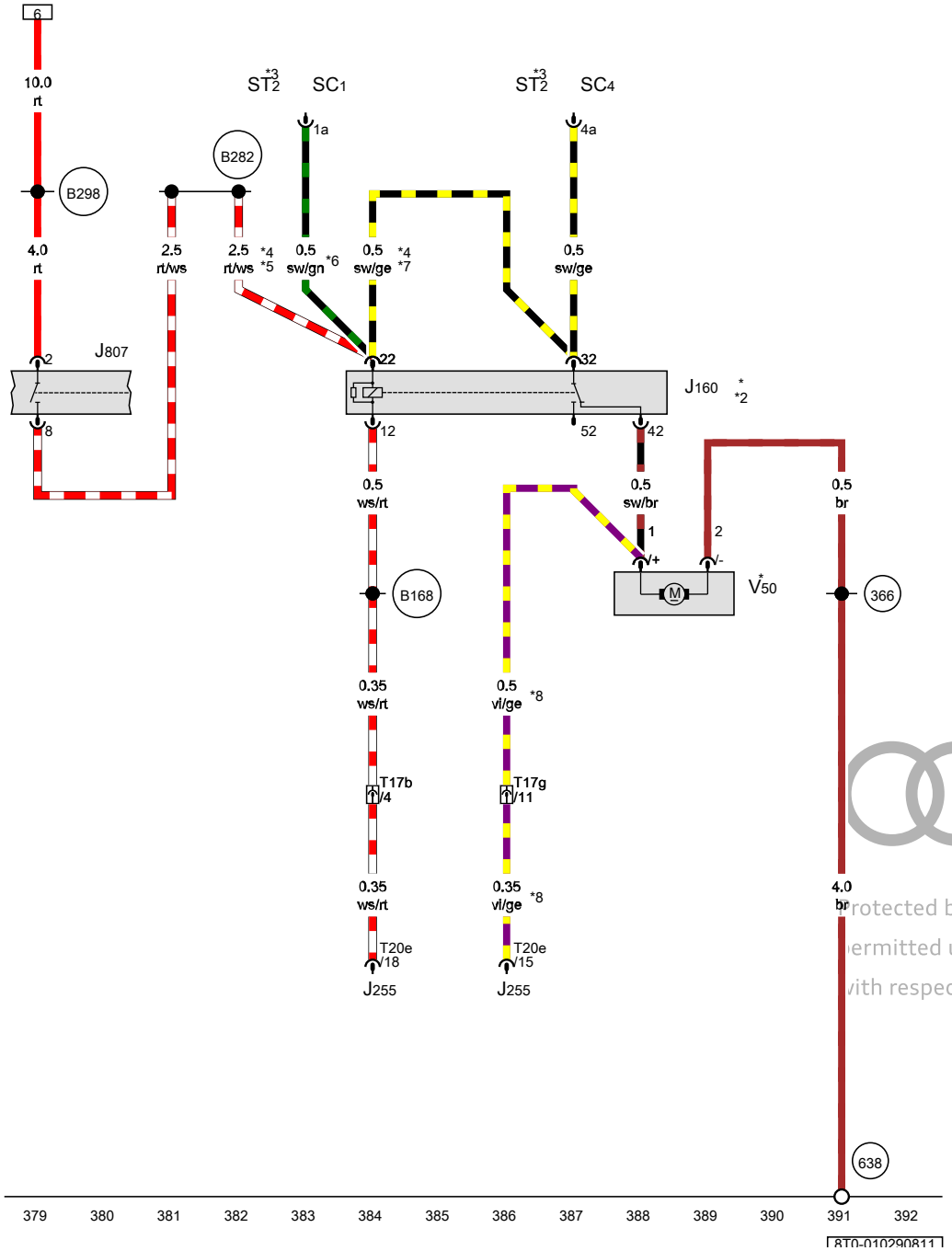
Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector
T17r	17-pin connector
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox
*2	Cross section depends on equipment



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Circulation pump relay, Coolant circulation pump

J160	Circulation pump relay
J255	Climatronic control unit
J807	Relay for power sockets
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T17b	17-pin connector, blue
T17g	17-pin connector, black
T20e	20-pin connector
V50	Coolant circulation pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B168	Connection (86), in interior wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	Only models with continued coolant circulation pump
*2	Up to April 2009
*3	see applicable current flow diagram for fuse assignment
*4	Gradually discontinued
*5	Up to April 2008
*6	From May 2008
*7	Up to April 2007
*8	From May 2009

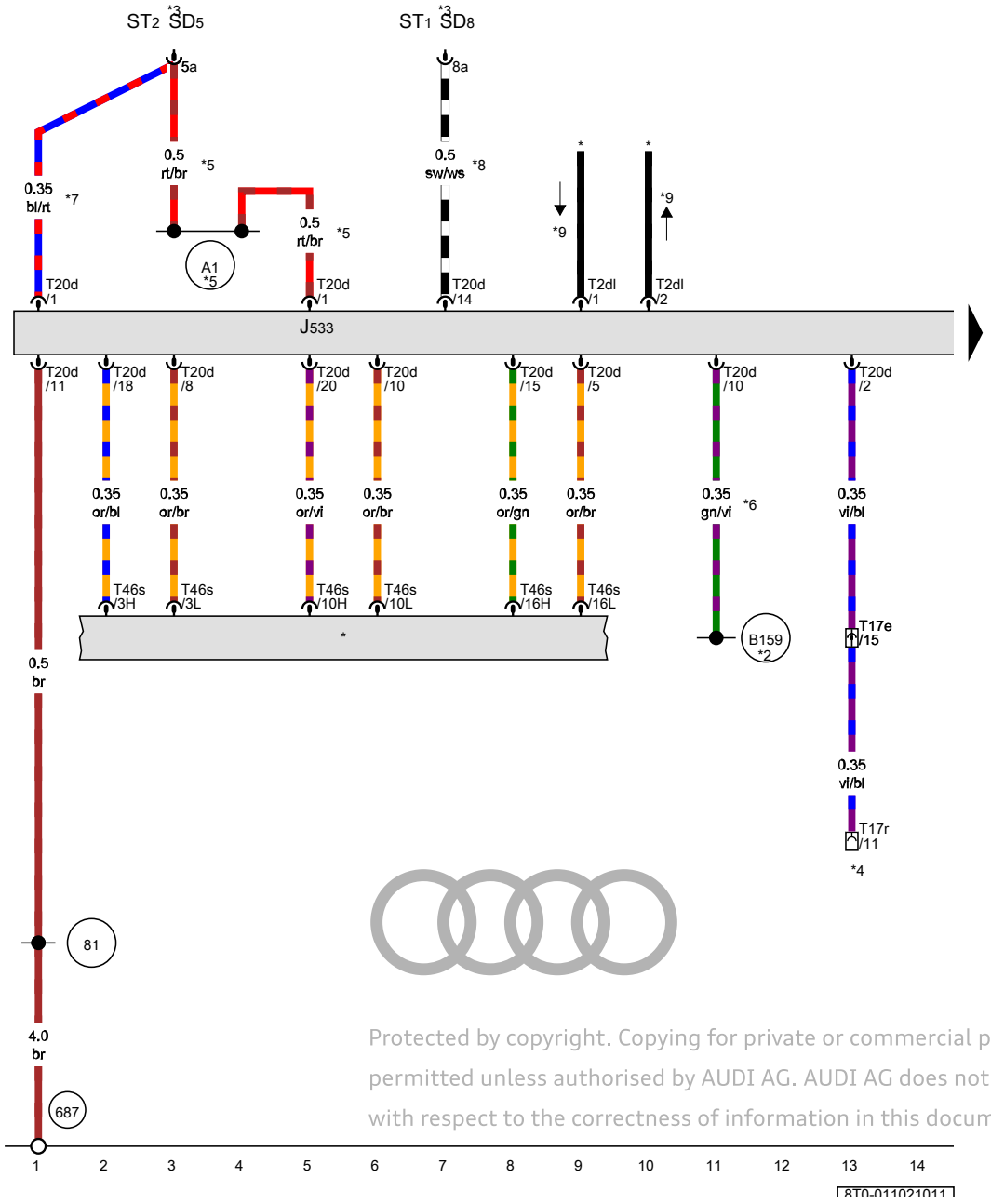
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Data bus diagnostic interface and diagnostic connector

From June 2007

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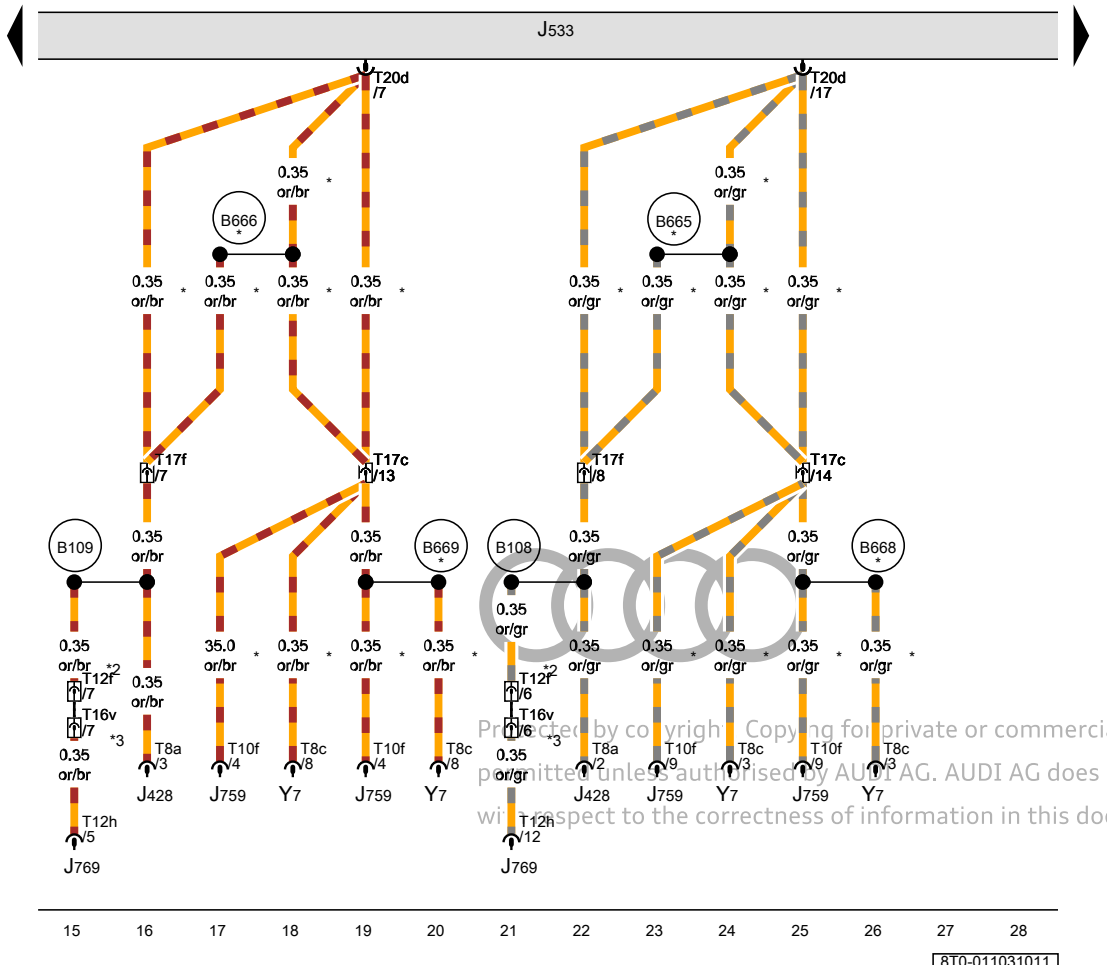


Data bus diagnostic interface

J533	Data bus diagnostic interface
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD8	Fuse 8 on fuse holder D
T2dl	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20d	20-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
B159	Connection (diagnosis), in interior wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for ring circuit break diagnostic
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram for engine
*5	Up to April 2009
*6	Wiring colour depends on equipment
*7	From May 2009
*8	Cross section depends on equipment
*9	Fibre optic cable (FOC)

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

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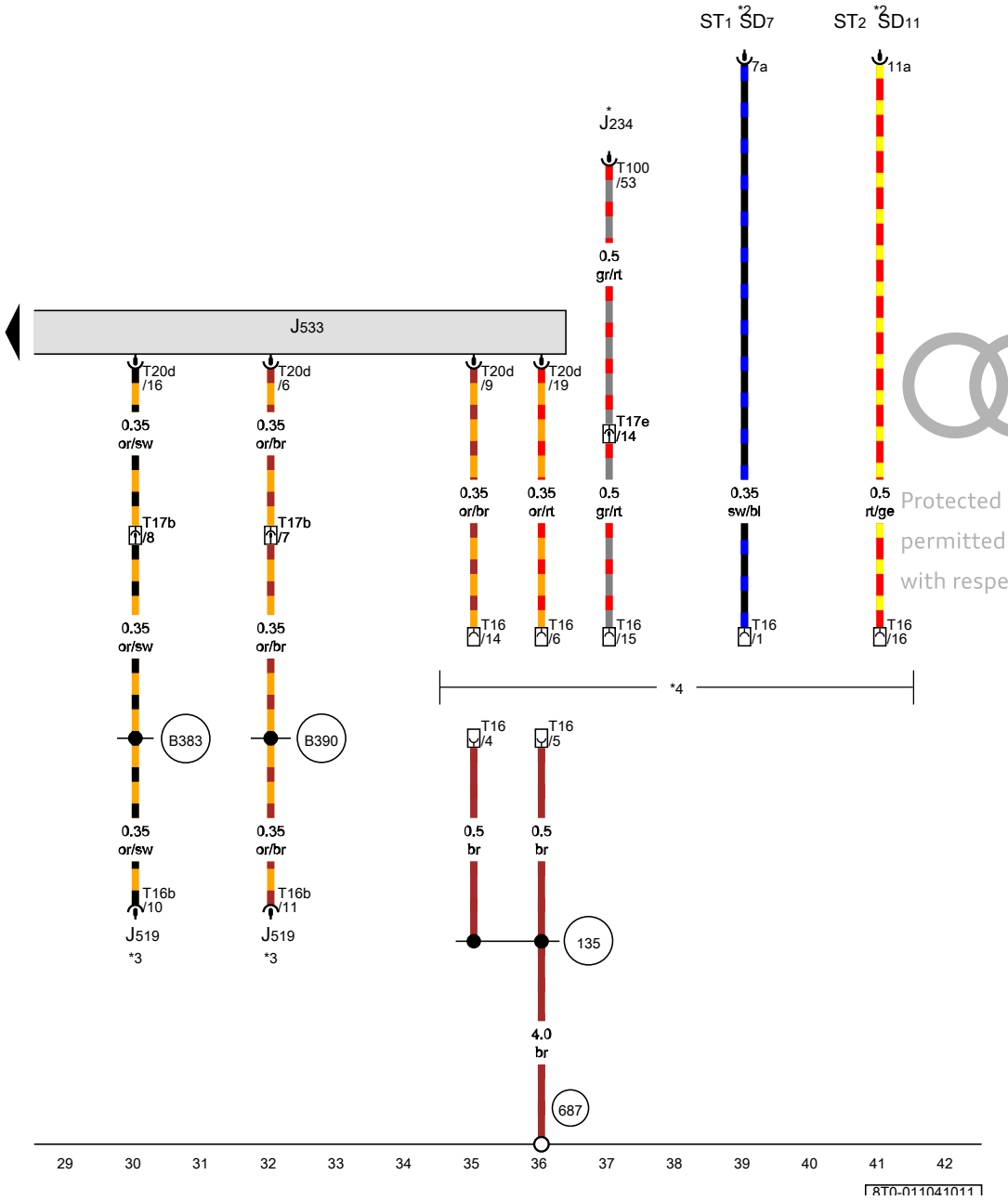


Data bus diagnostic interface

J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J759	Lane departure warning control unit
J769	Lane change assist control unit
T8a	8-pin connector
T8c	8-pin connector
T10f	10-pin connector
T12f	12-pin connector, brown
T12h	12-pin connector
T16v	16-pin connector, brown
T17c	17-pin connector, black
T17f	17-pin connector, brown
T20d	20-pin connector
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
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
B668	Connection 2 (CAN bus extended high), in main wiring harness
B669	Connection 2 (CAN bus extended low), in main wiring harness
*	According to equipment
*2	Gradually discontinued
*3	gradual introduction

ws	=	white
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Data bus diagnostic interface

J234	Airbag control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD7	Fuse 7 on fuse holder D
SD11	Fuse 11 on fuse holder D
T16	16-pin connector
T16b	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T20d	20-pin connector
T100	100-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
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 airbag
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for basic equipment
*4	Diagnostic connection

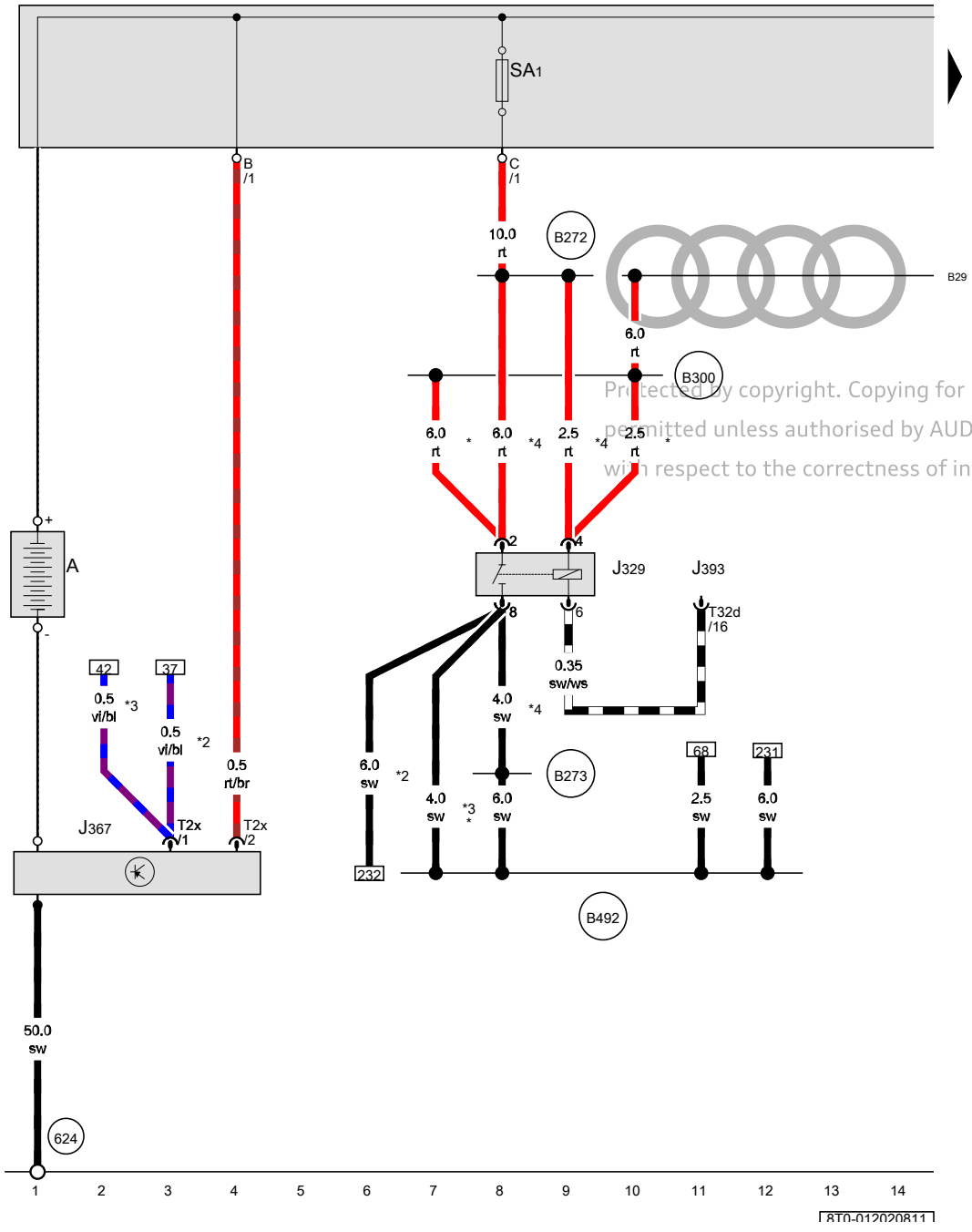
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1.8l petrol engine , CABD,CDHB

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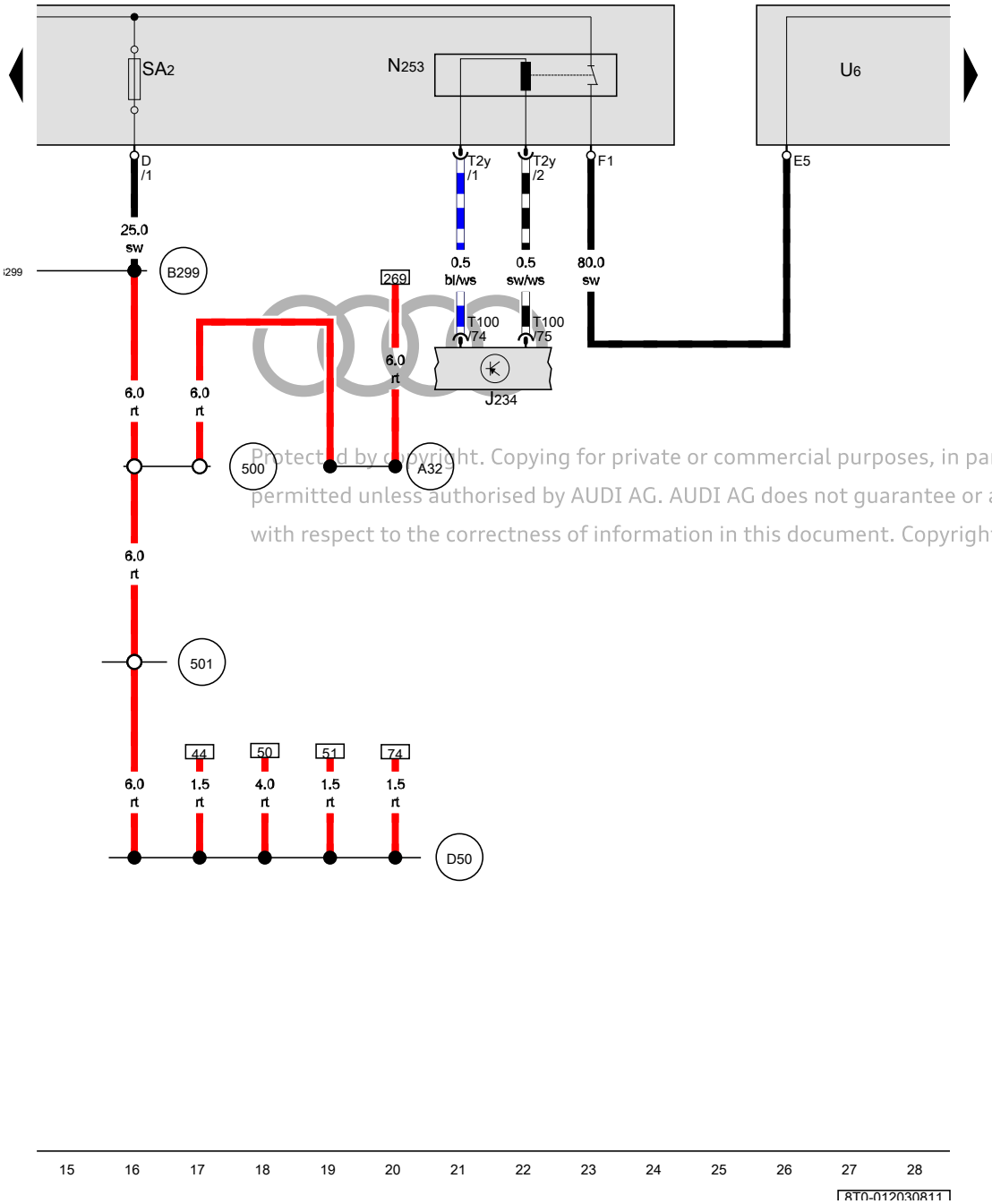


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Battery, Terminal 15 voltage supply relay, Battery monitor control unit

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B272	Positive connection (30), in main wiring harness
B273	Positive connection (15), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	From September 2007
*2	From May 2009
*3	Up to April 2009
*4	Up to August 2007

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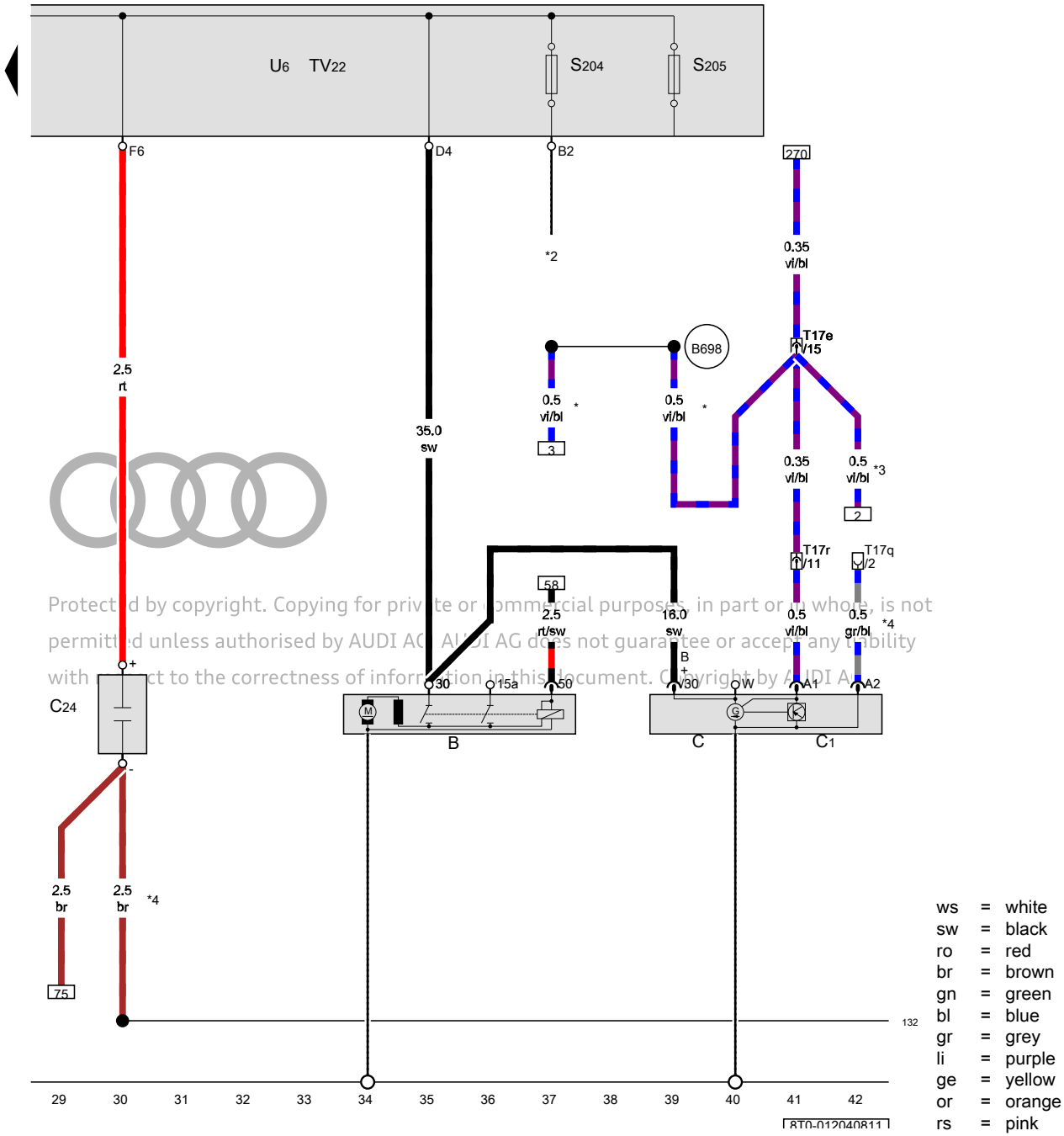


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Battery isolation igniter, Jump start socket

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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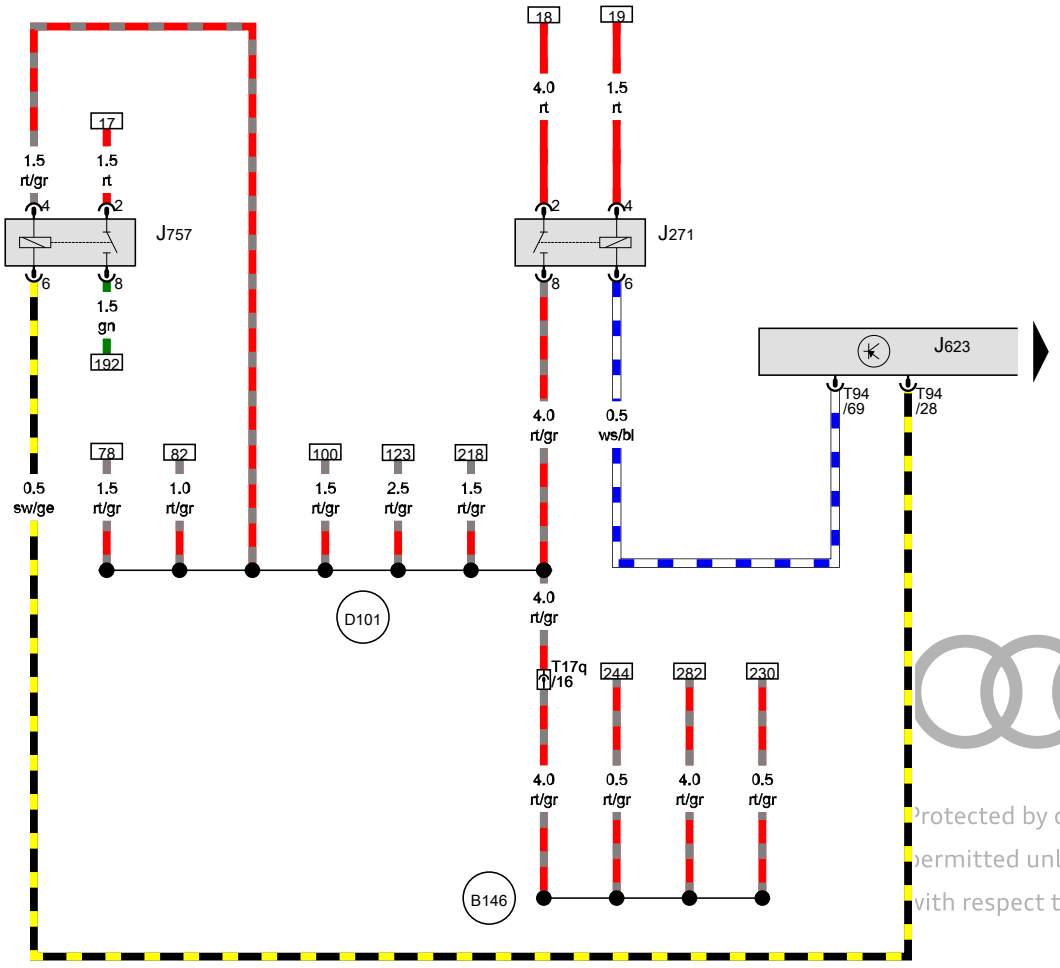
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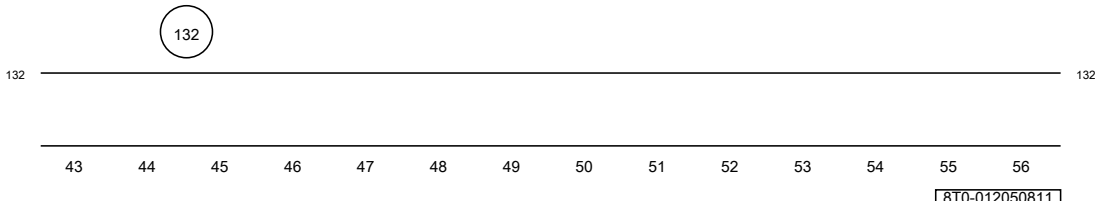
Starter, Alternator, Voltage regulator, Suppression filter, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
132	Earth connection 3, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	From May 2009
*2	see applicable current flow diagram for radiator fan
*3	Up to April 2009
*4	Gradually discontinued

Main relay, Engine control unit, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
132	Earth connection 3, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness



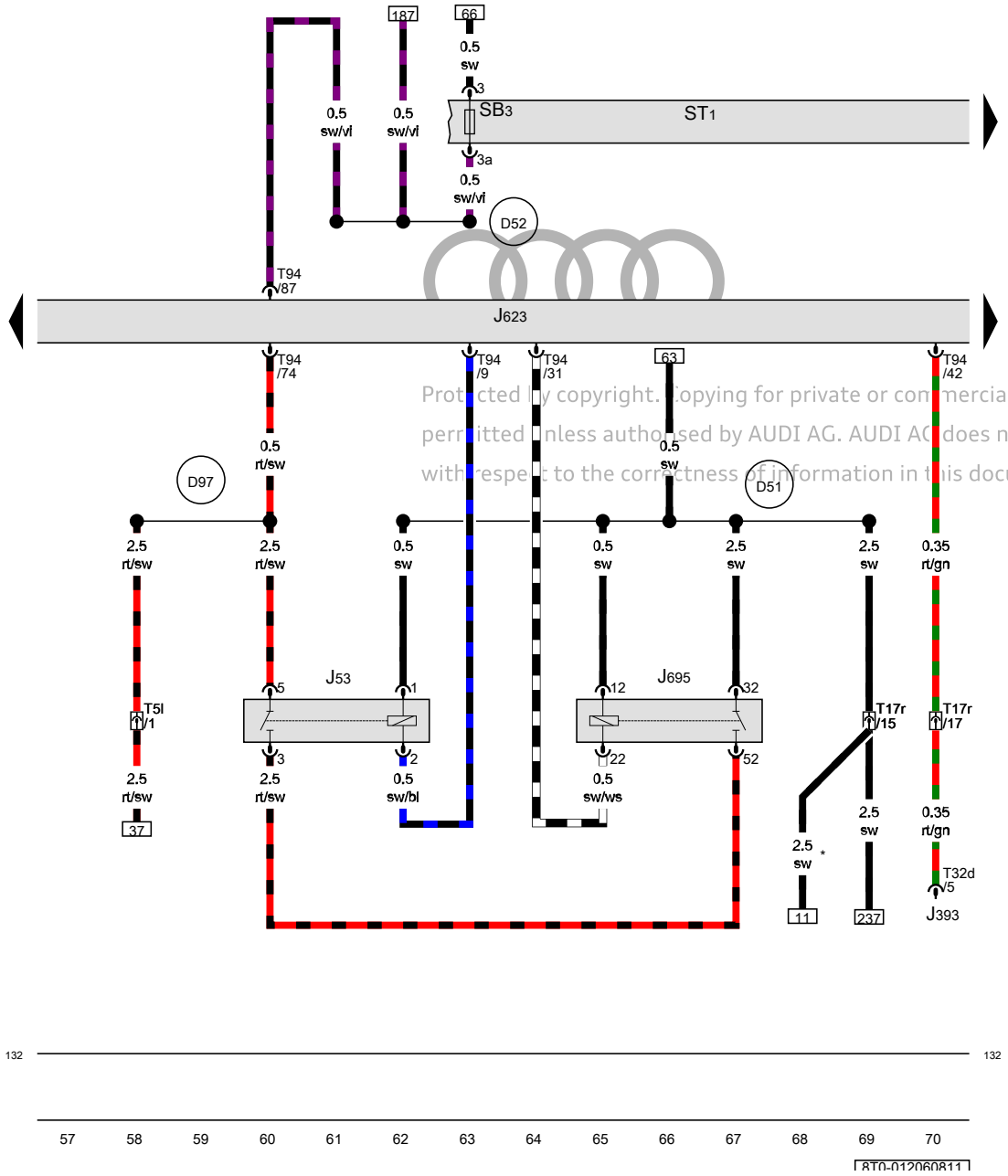


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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
132	Earth connection 3, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	Up to April 2009

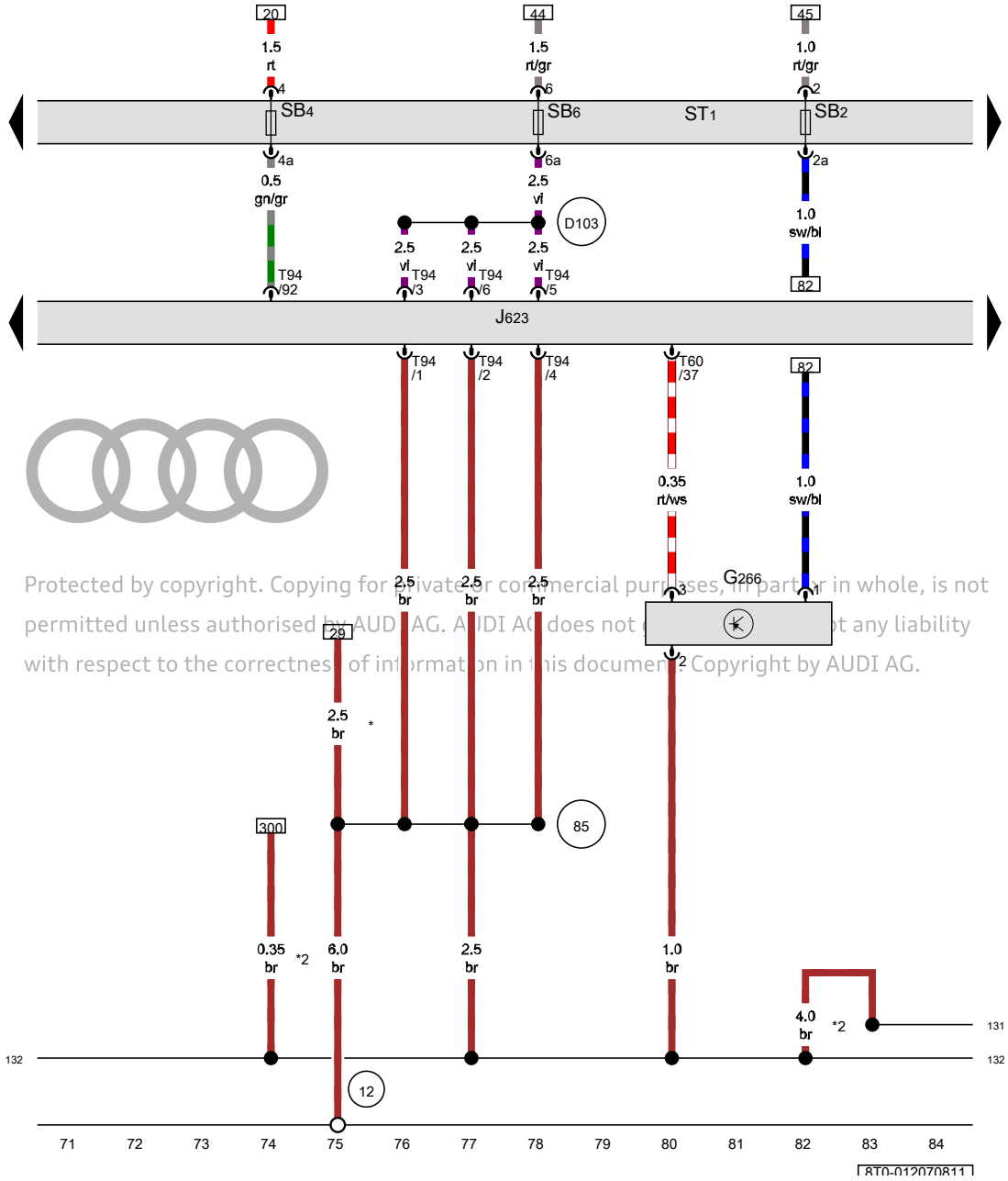


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Oil level and oil temperature sender, Engine control unit

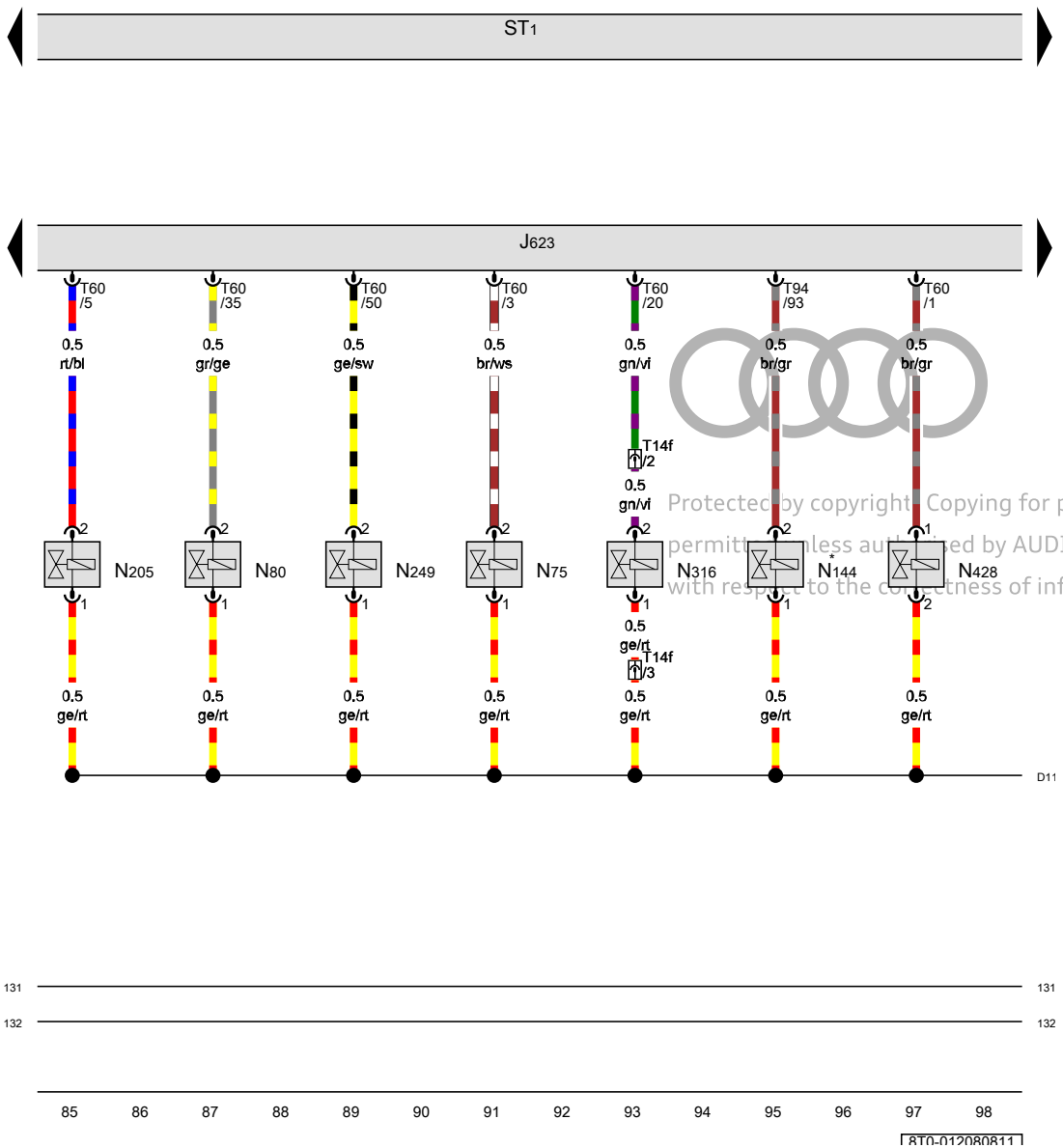
G266	Oil level and oil temperature sender
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T60	60-pin connector
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	gradual introduction
*2	Cross section depends on equipment



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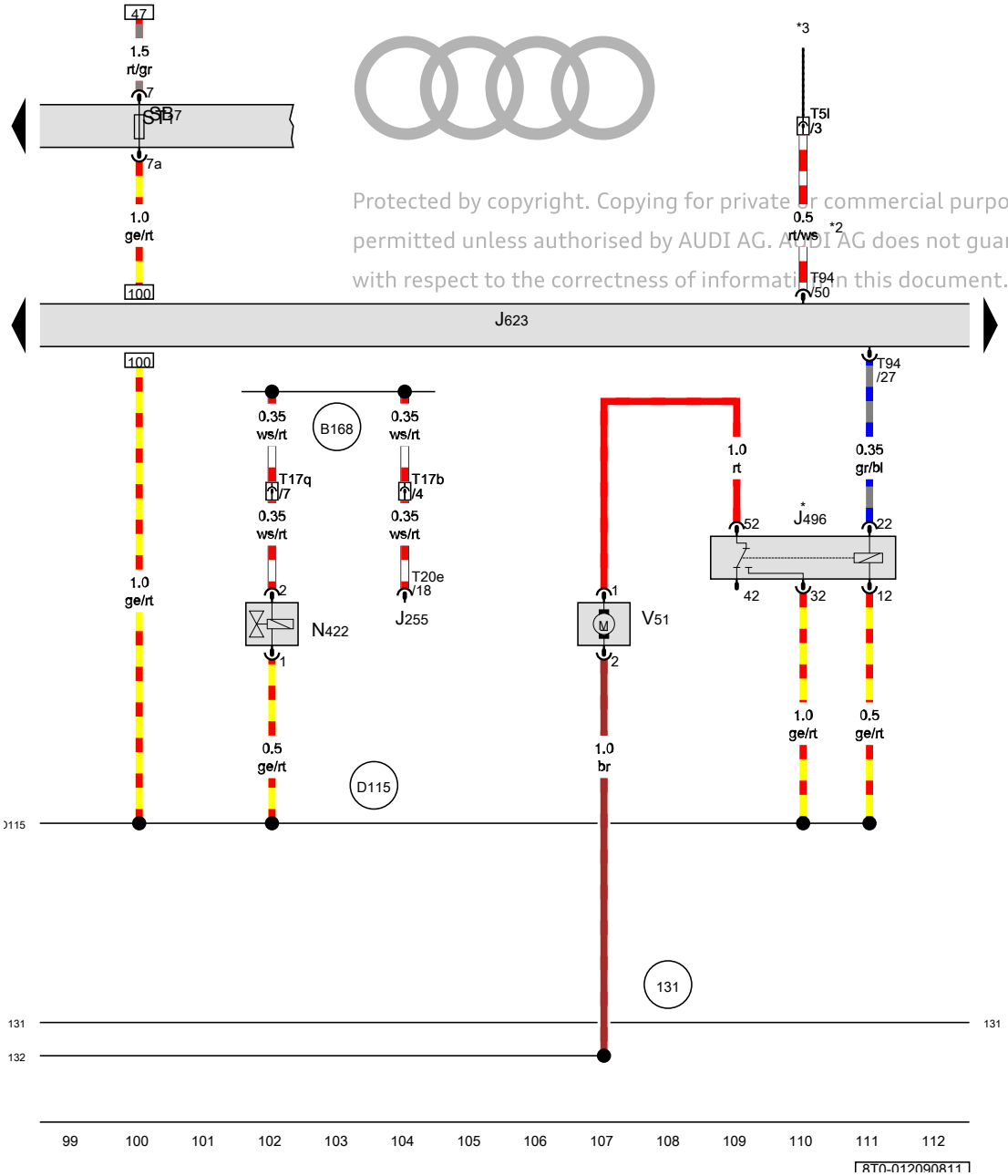
Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control



J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
ST1	Fuse carrier 1
T14f	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Only models with automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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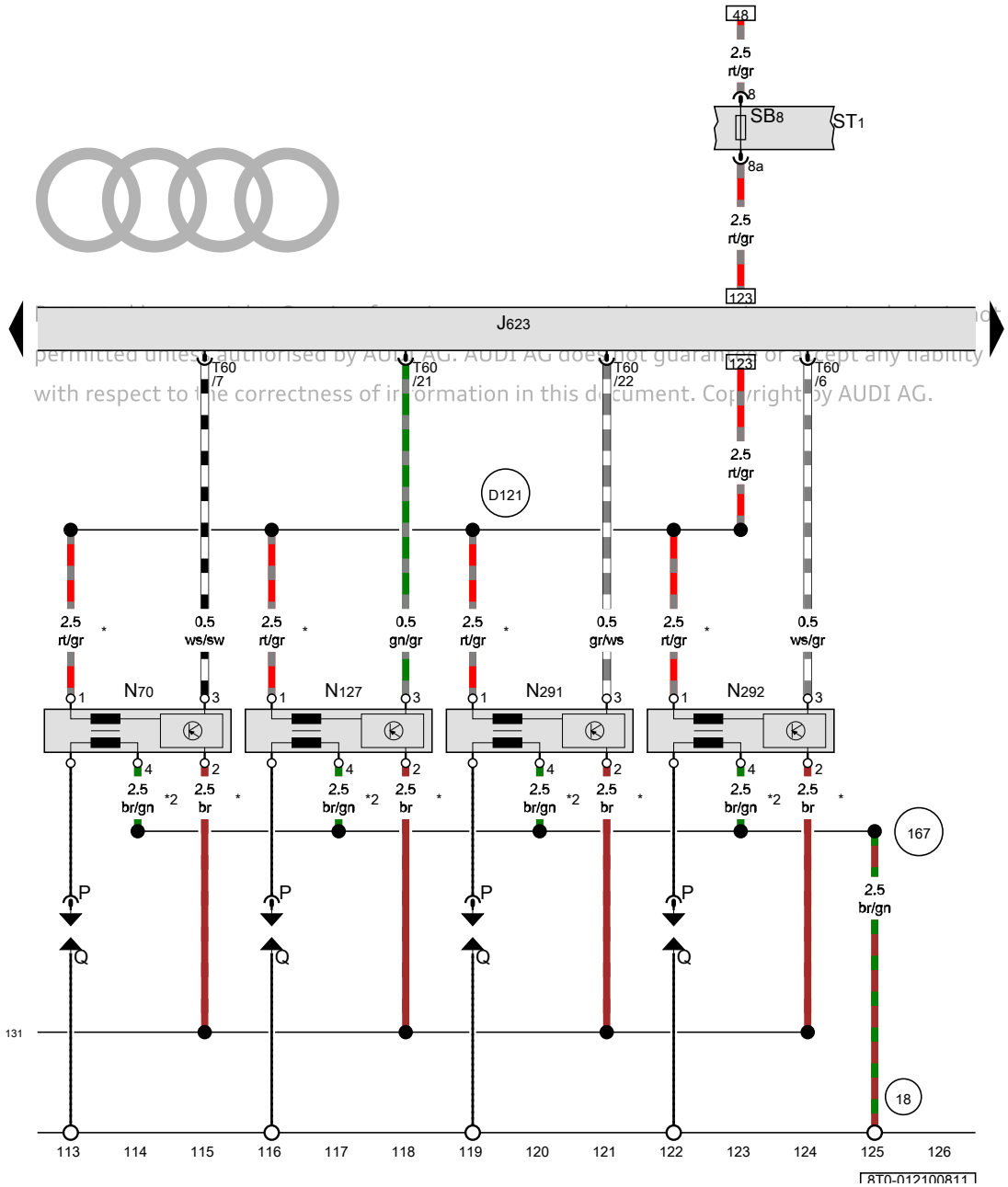


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Additional coolant pump relay, Engine control unit, Climatronic coolant shut-off valve, Continued coolant circulation pump

J255	Climatronic control unit
J496	Additional coolant pump relay
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T5l	5-pin connector, in engine compartment
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
B168	Connection (86), in interior wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Only models with continued coolant circulation pump
*2	Cross section depends on equipment
*3	see applicable current flow diagram for radiator fan

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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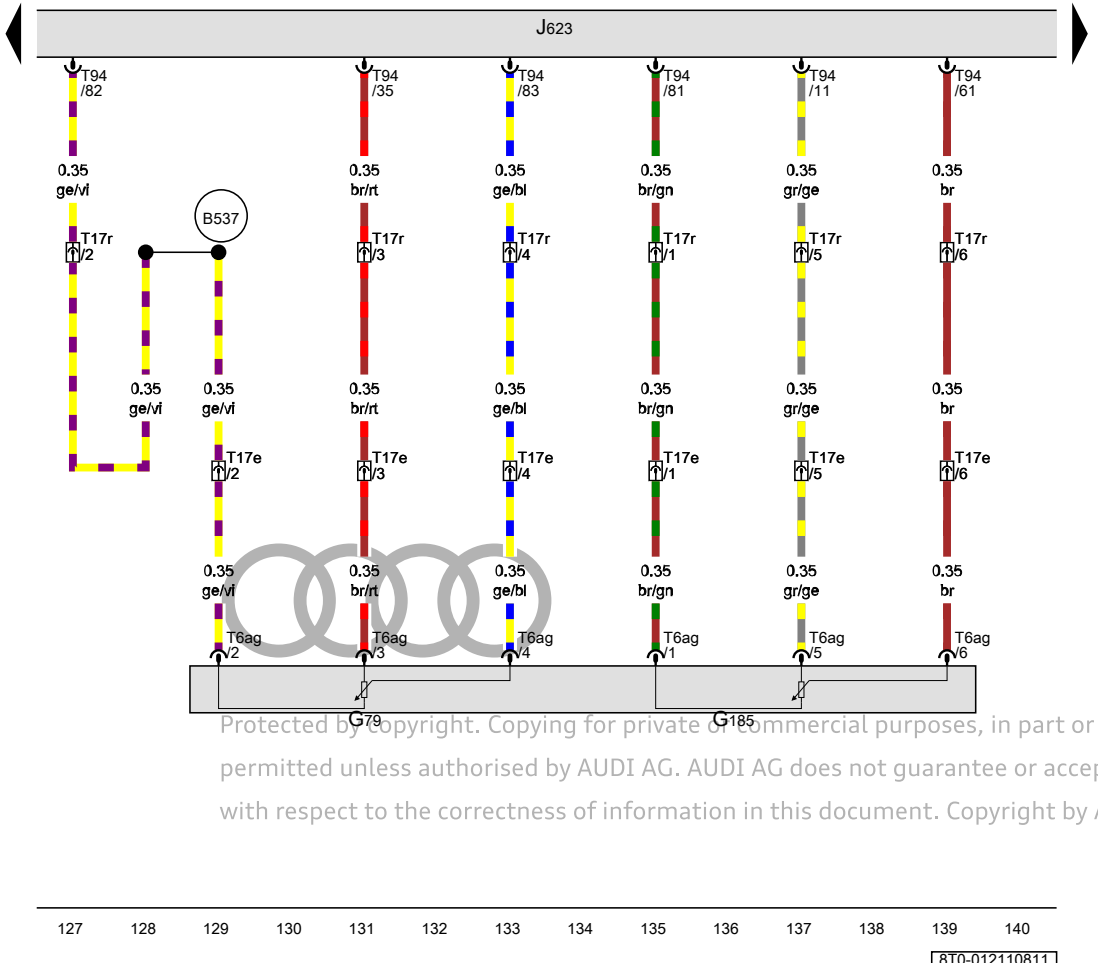
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
18	Earth point, on cylinder block
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	Cross-section 1.5 possible
*2	Cross section depends on equipment

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness



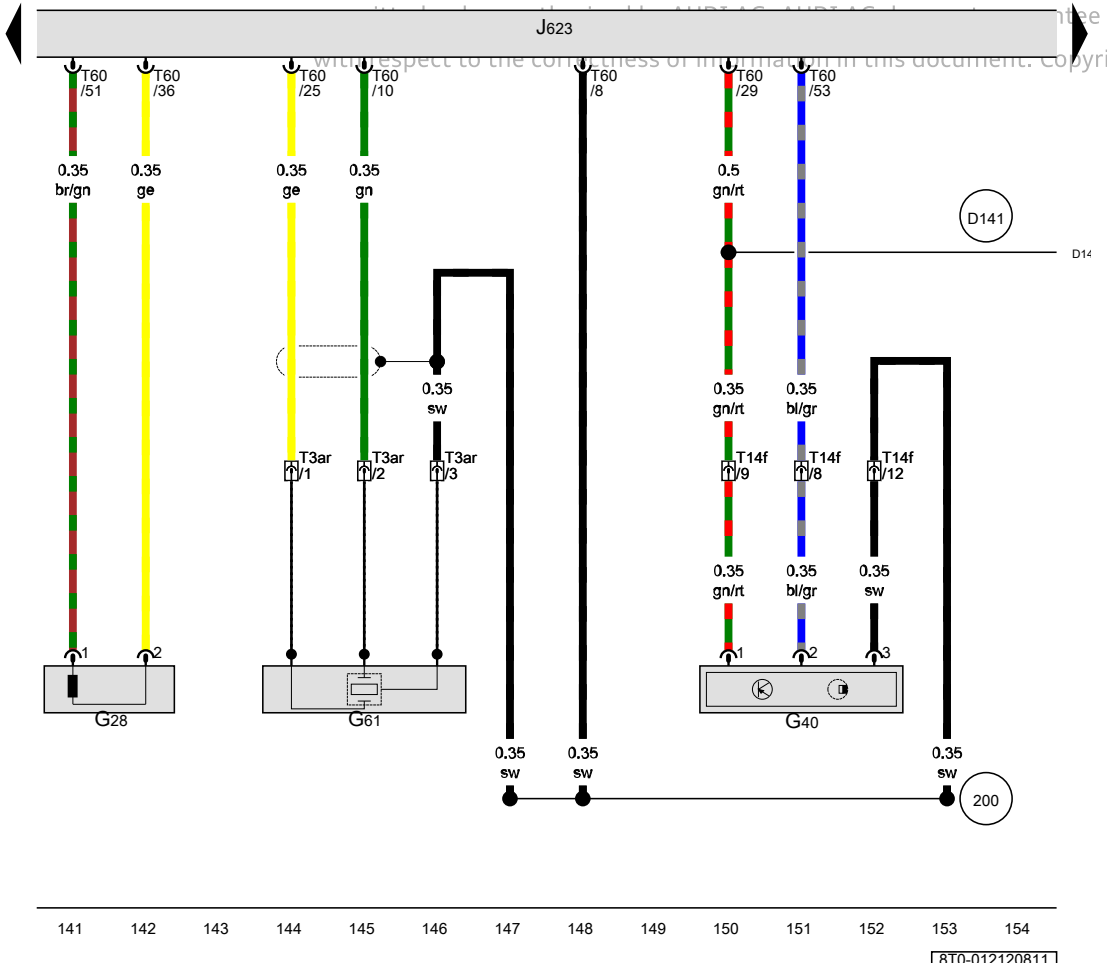
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Engine speed sender, Hall sender, Knock sensor 1, Engine control unit

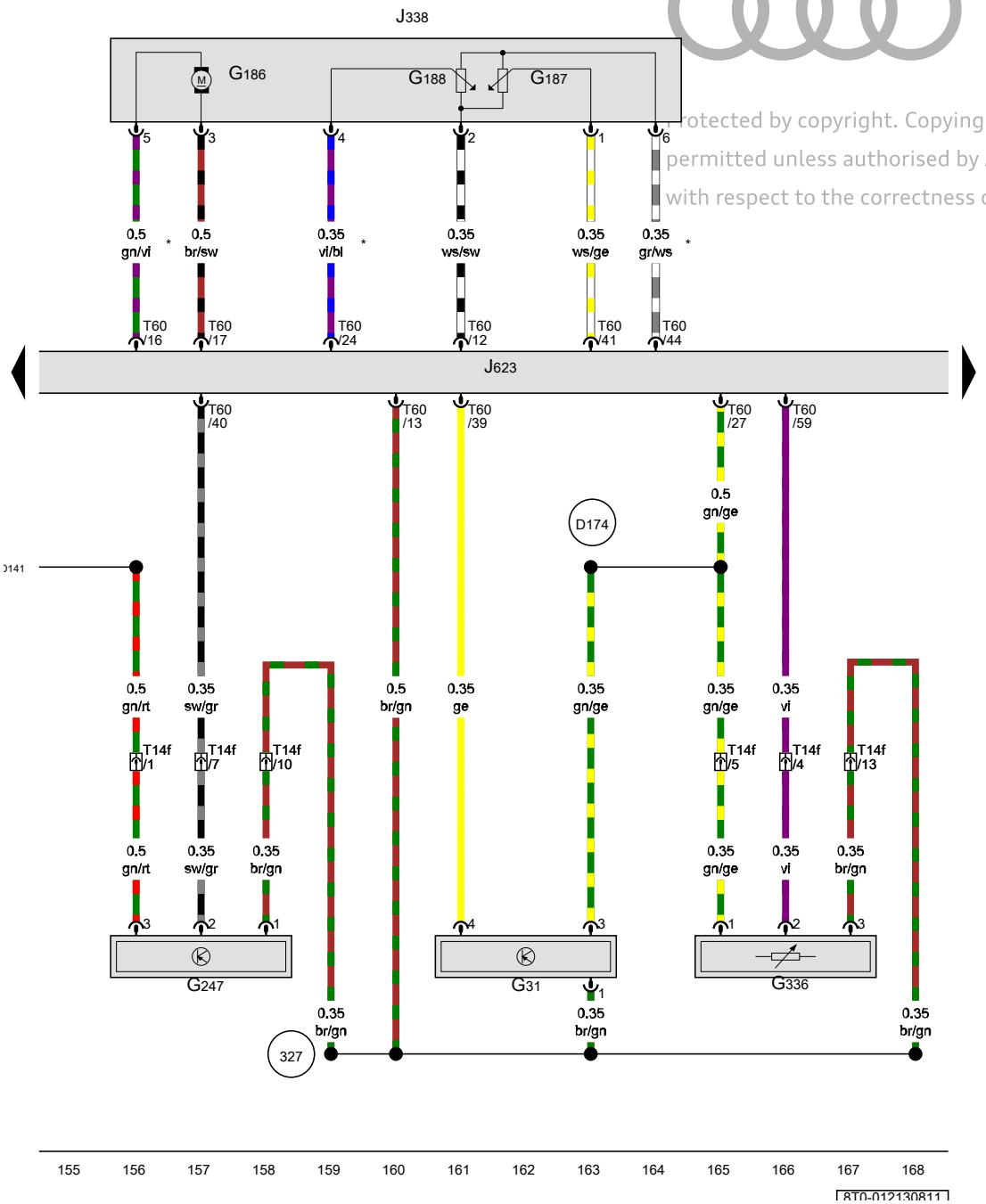
G28	Engine speed sender
G40	Hall sender
G61	Knock sensor 1
J623	Engine control unit
T3ar	3-pin connector, green
T14f	14-pin connector, in engine compartment
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

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Charge pressure sender, Fuel pressure sender, Intake manifold flap potentiometer, Throttle valve module, Engine control unit

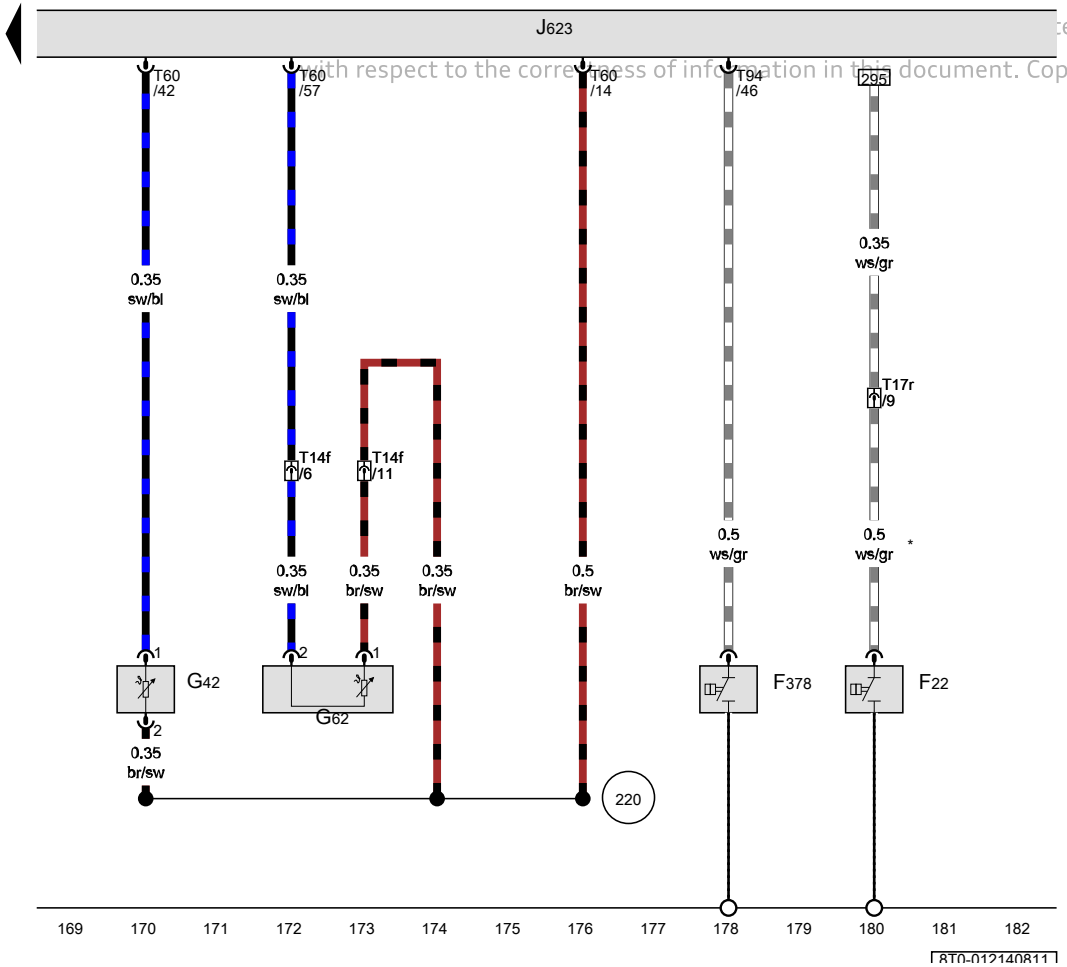
G31	Charge pressure sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-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
*	Wiring colour depends on equipment

ws	=	white
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Intake air temperature sender, Coolant temperature sender, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G42	Intake air temperature sender
G62	Coolant temperature sender
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T17r	17-pin connector, white
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
*	Wiring colour depends on equipment

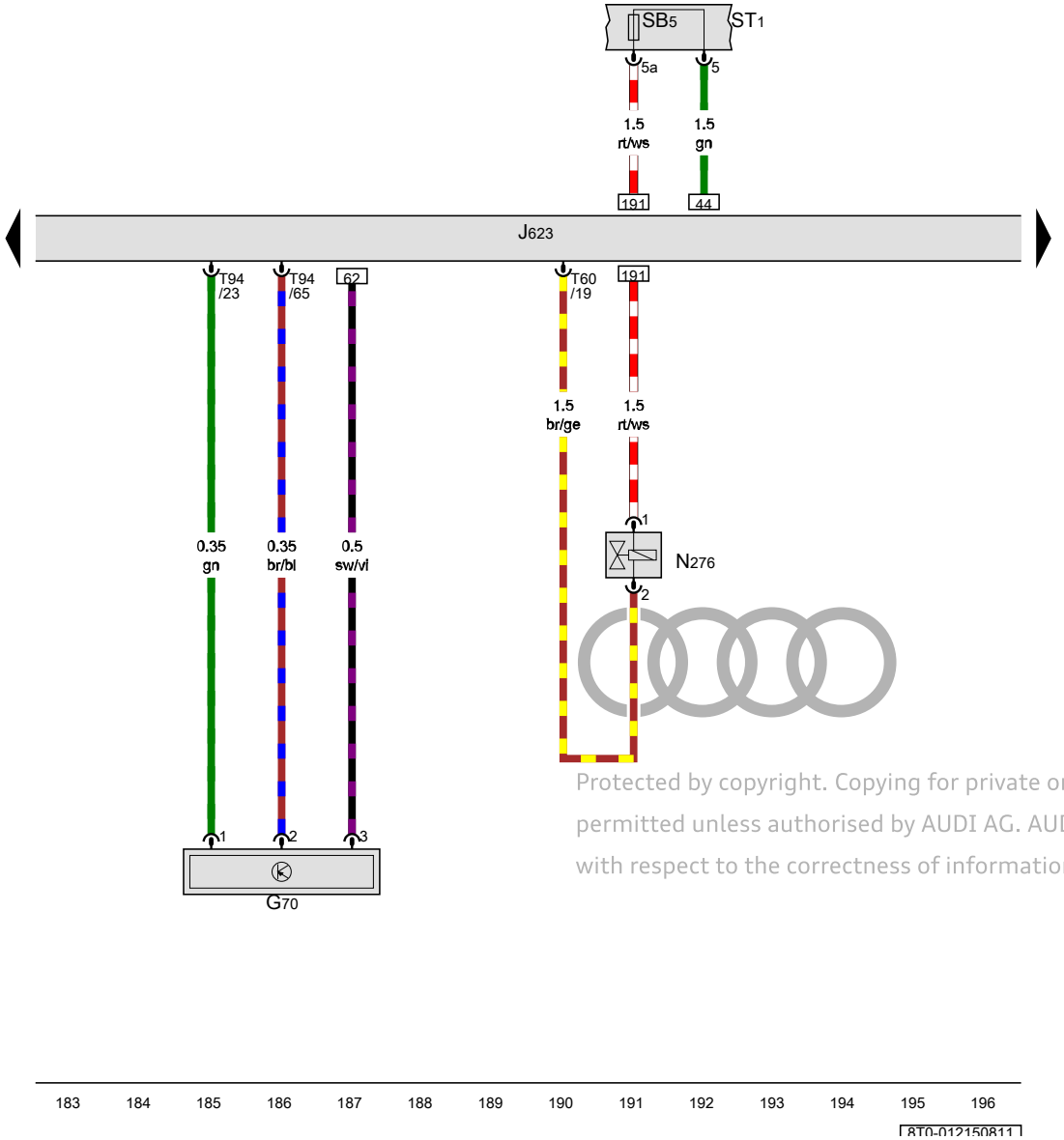
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Air mass meter, Engine control unit, Fuel pressure regulating valve

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T60	60-pin connector
T94	94-pin connector

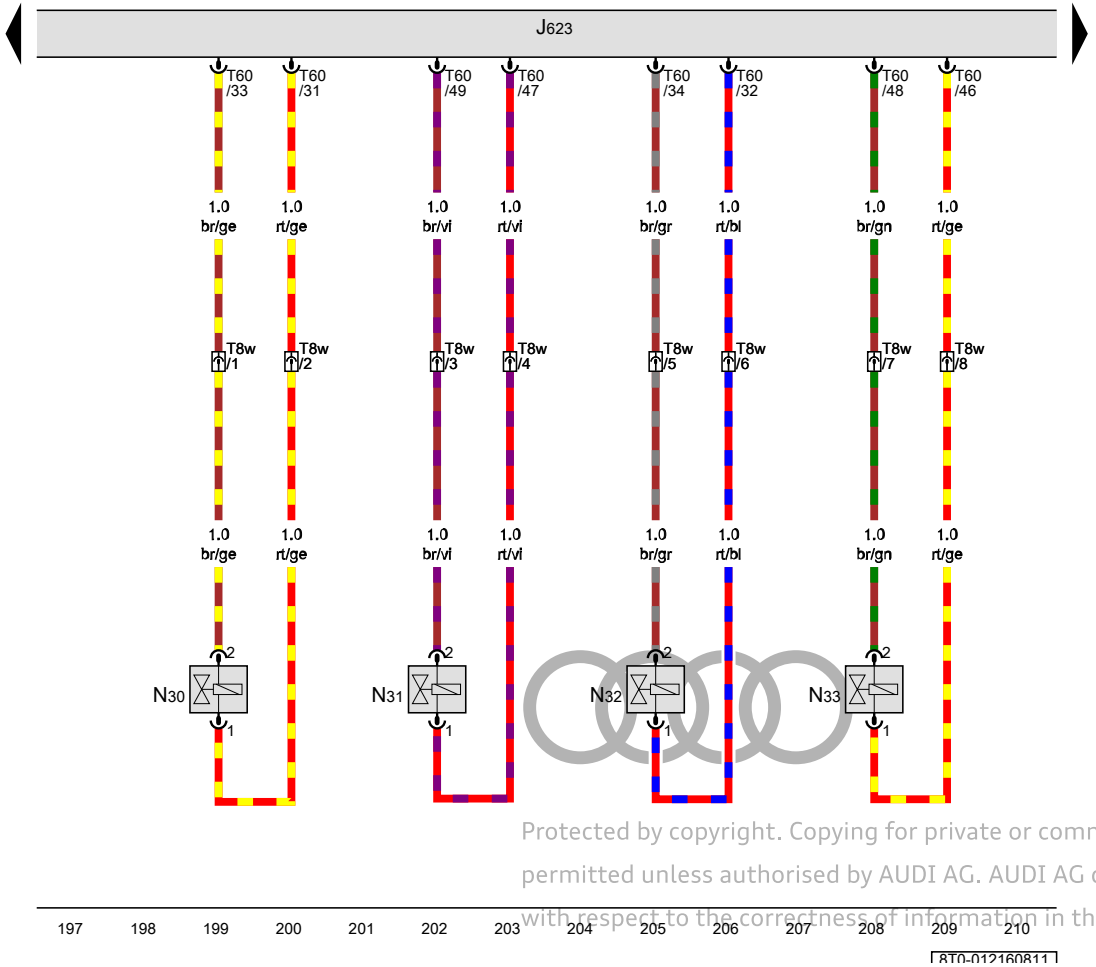


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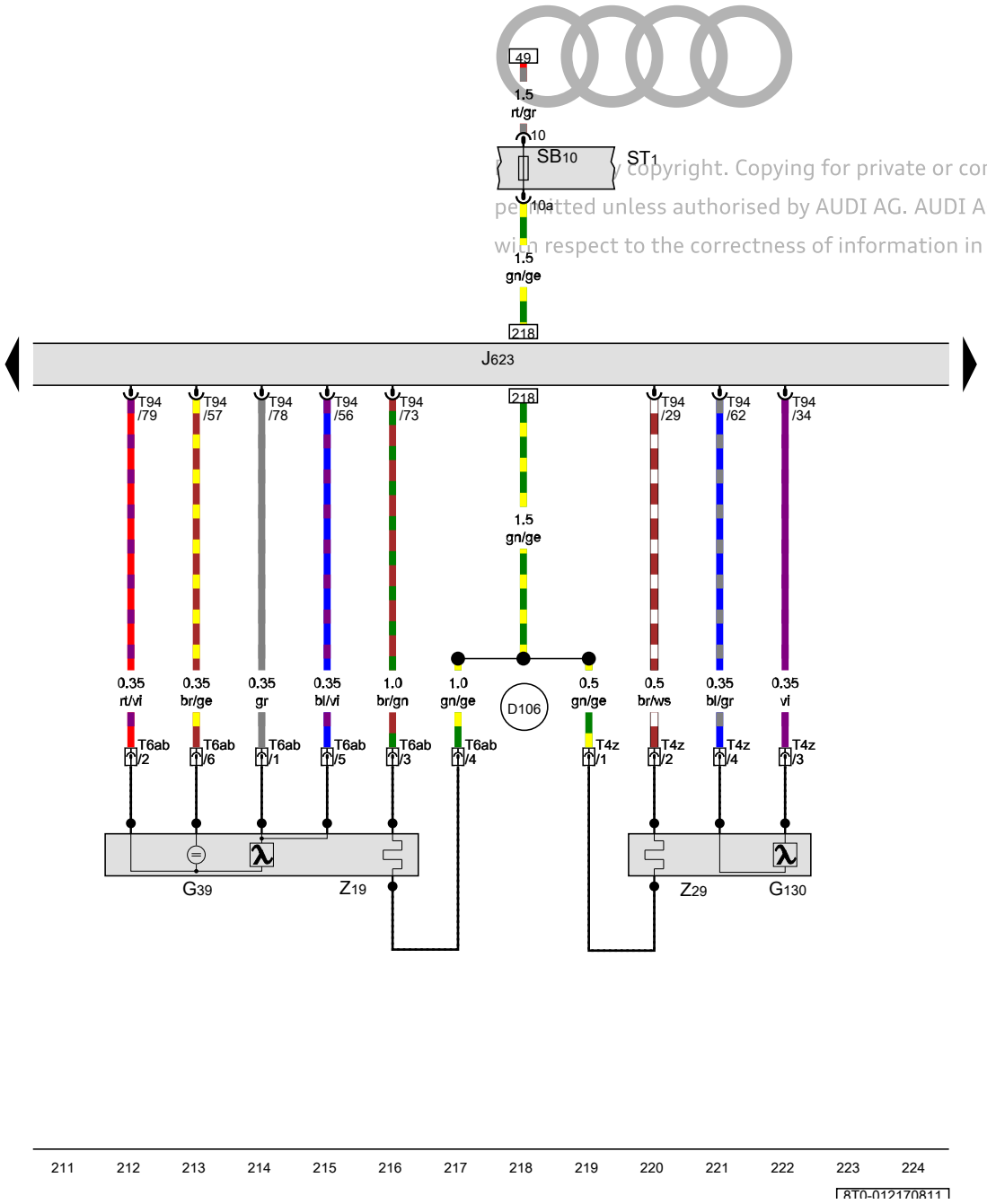
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T60	60-pin connector



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

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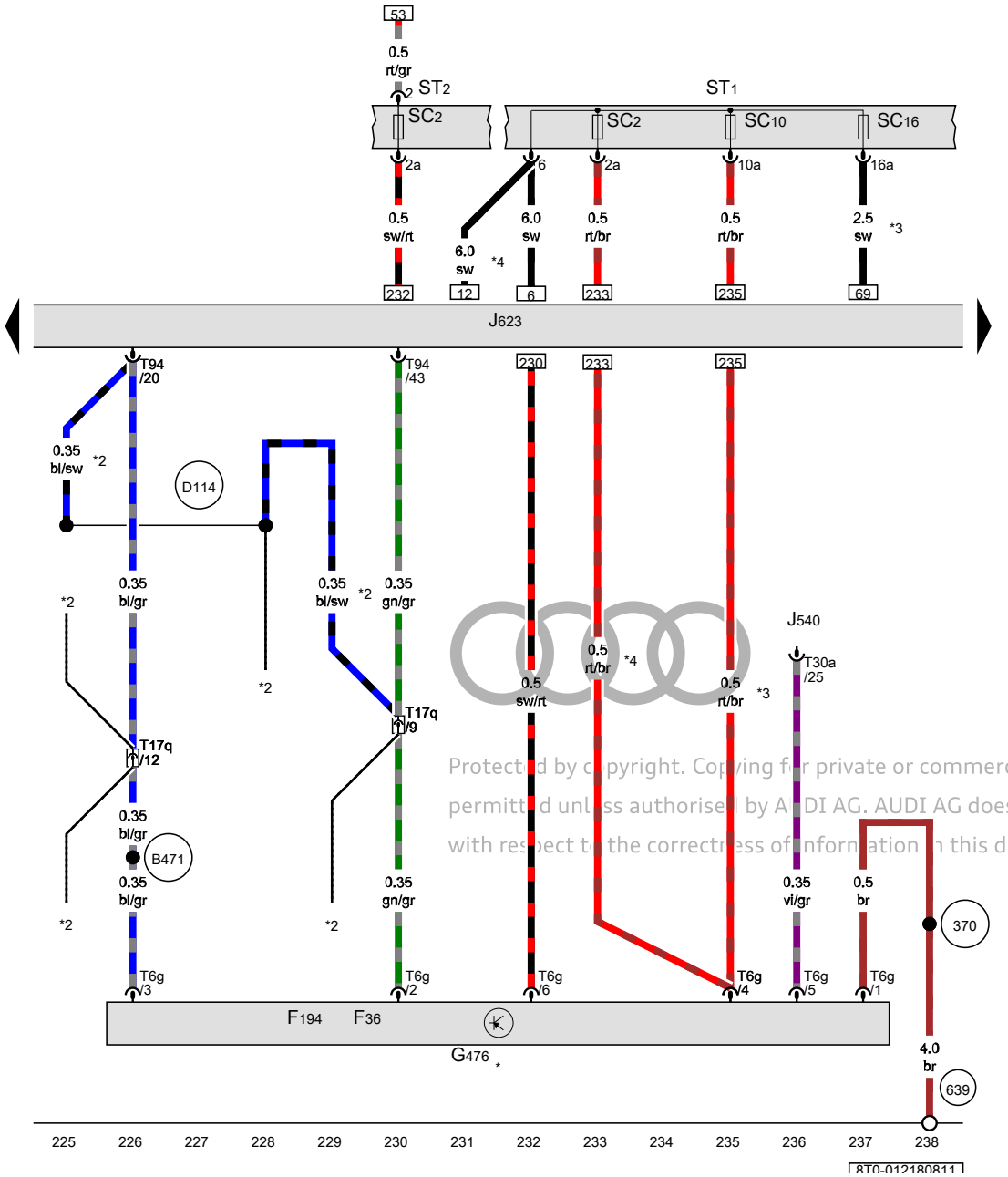
Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4z	4-pin connector, brown
T6ab	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness

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

Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T1	Single connector
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	From May 2009
*4	Up to April 2009

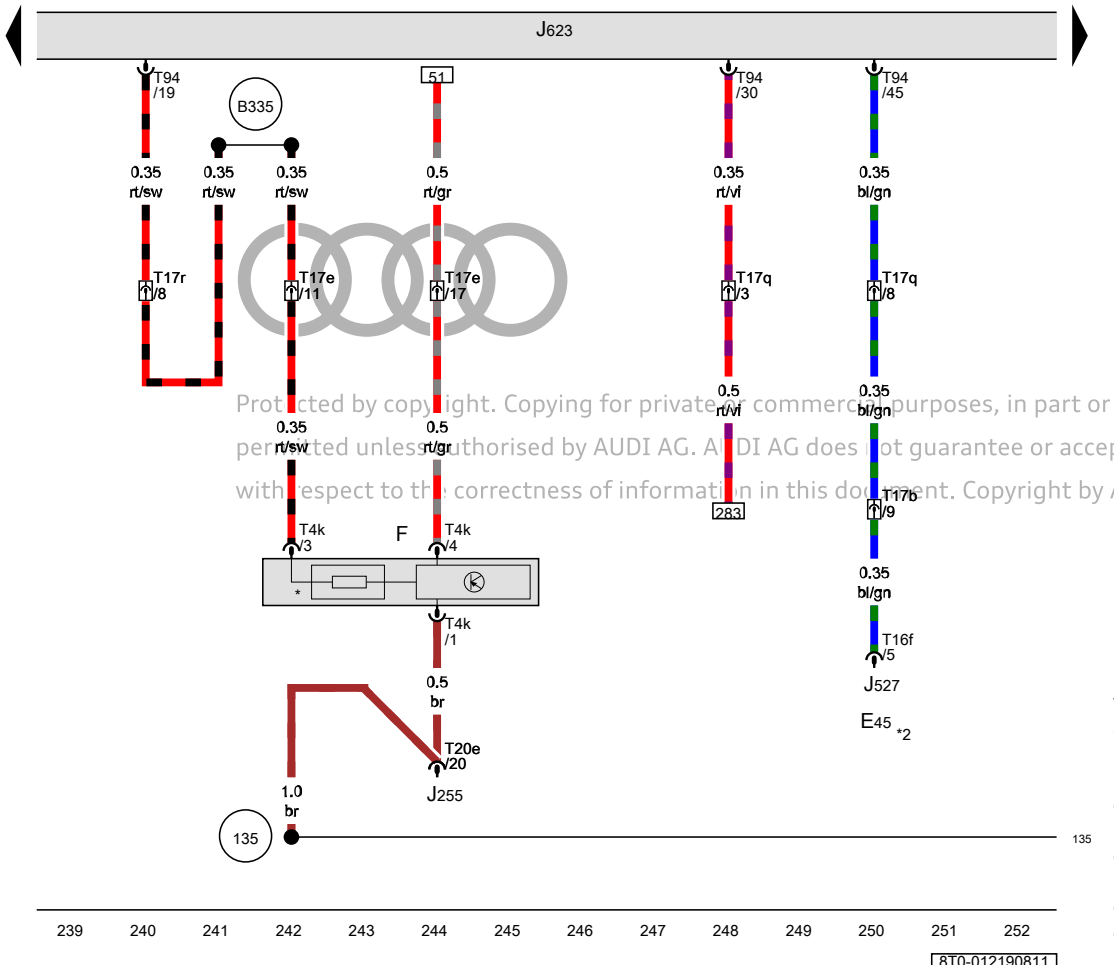


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br = brown
gn = green
bl = blue
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li = purple
ge = yellow
or = orange
rs = pink

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Brake light switch, Steering column electronics control unit, Engine control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
135	Earth connection 2, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

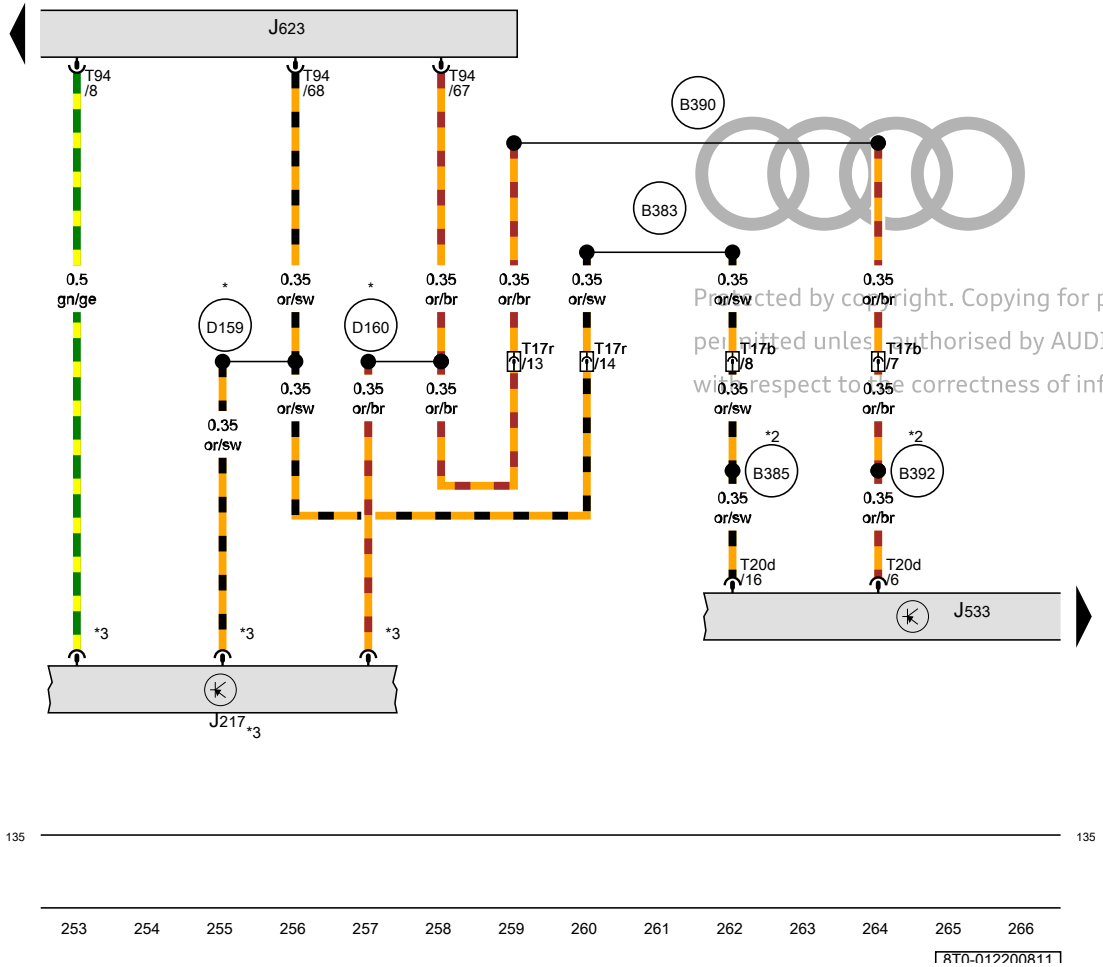


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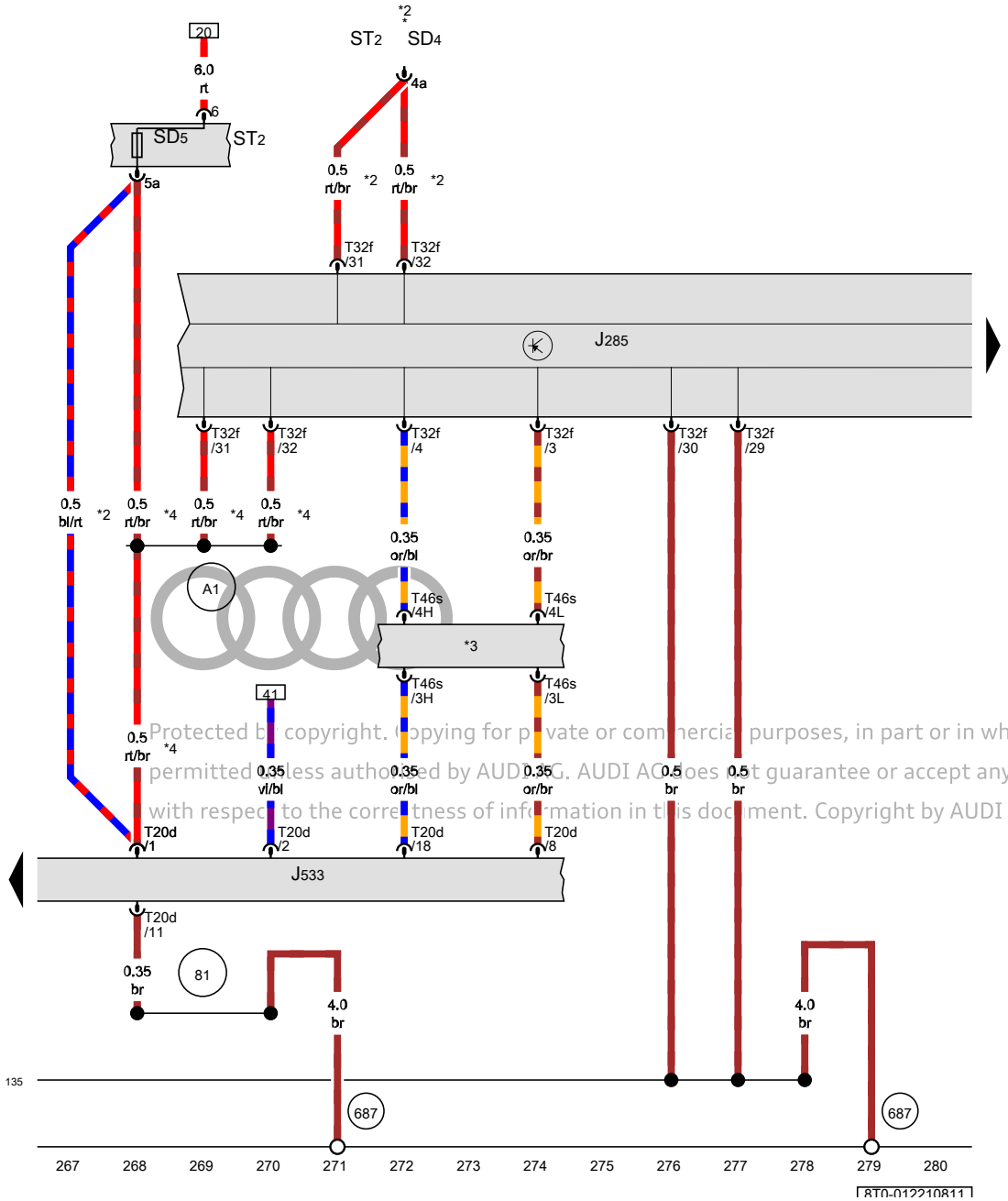
Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
135	Earth connection 2, in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	gradual introduction
*3	see applicable current flow diagram for automatic gearbox



ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
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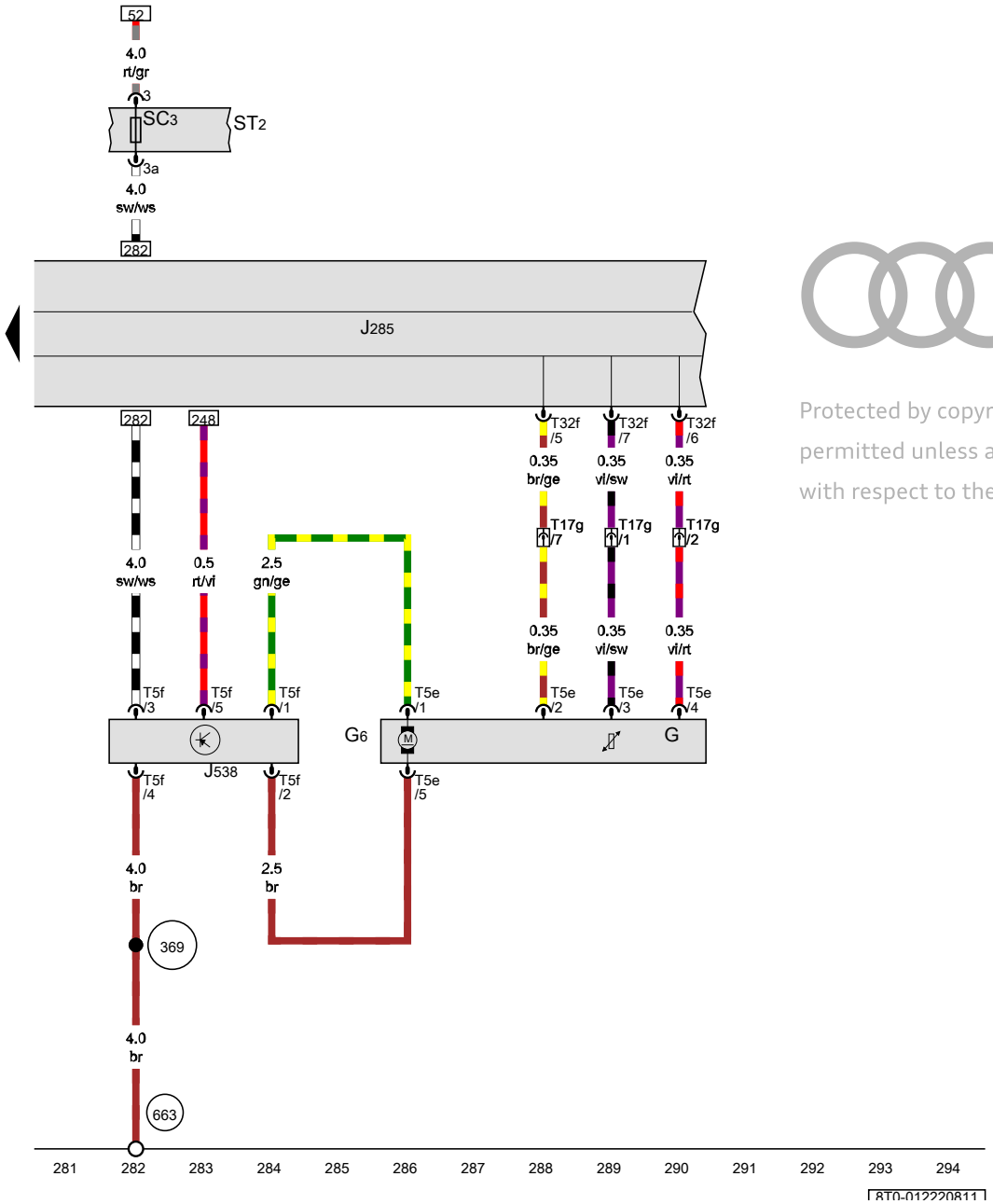
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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	see applicable current flow diagram
*4	Up to April 2009

Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit



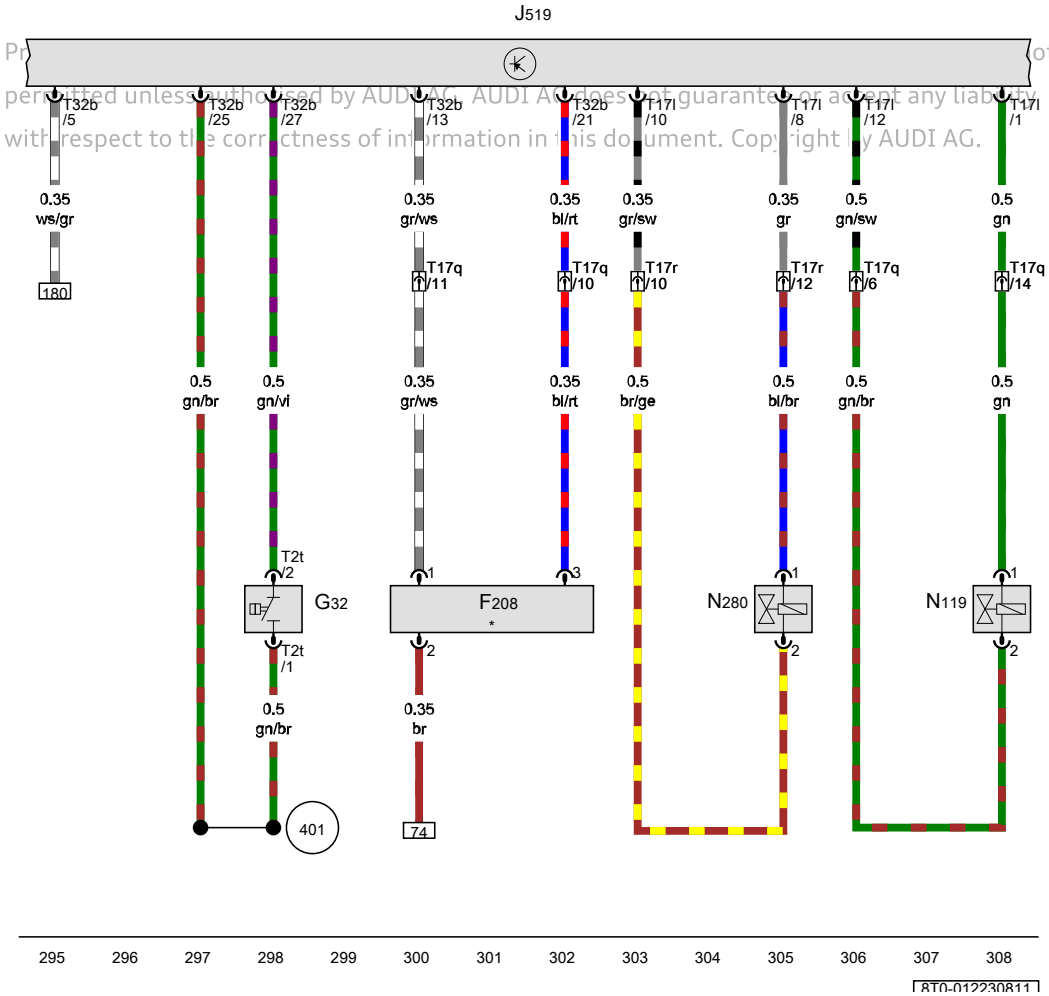
G	Fuel gauge sender
G6	Fuel system pressurisation pump
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T5e	5-pin connector
T5f	5-pin connector
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel

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rs	=	pink

Gear detector switch, Coolant shortage indicator sender, Onboard supply control unit, Servotronic solenoid valve, Air conditioner compressor regulating valve

F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox



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ro = red
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gr = grey
li = purple
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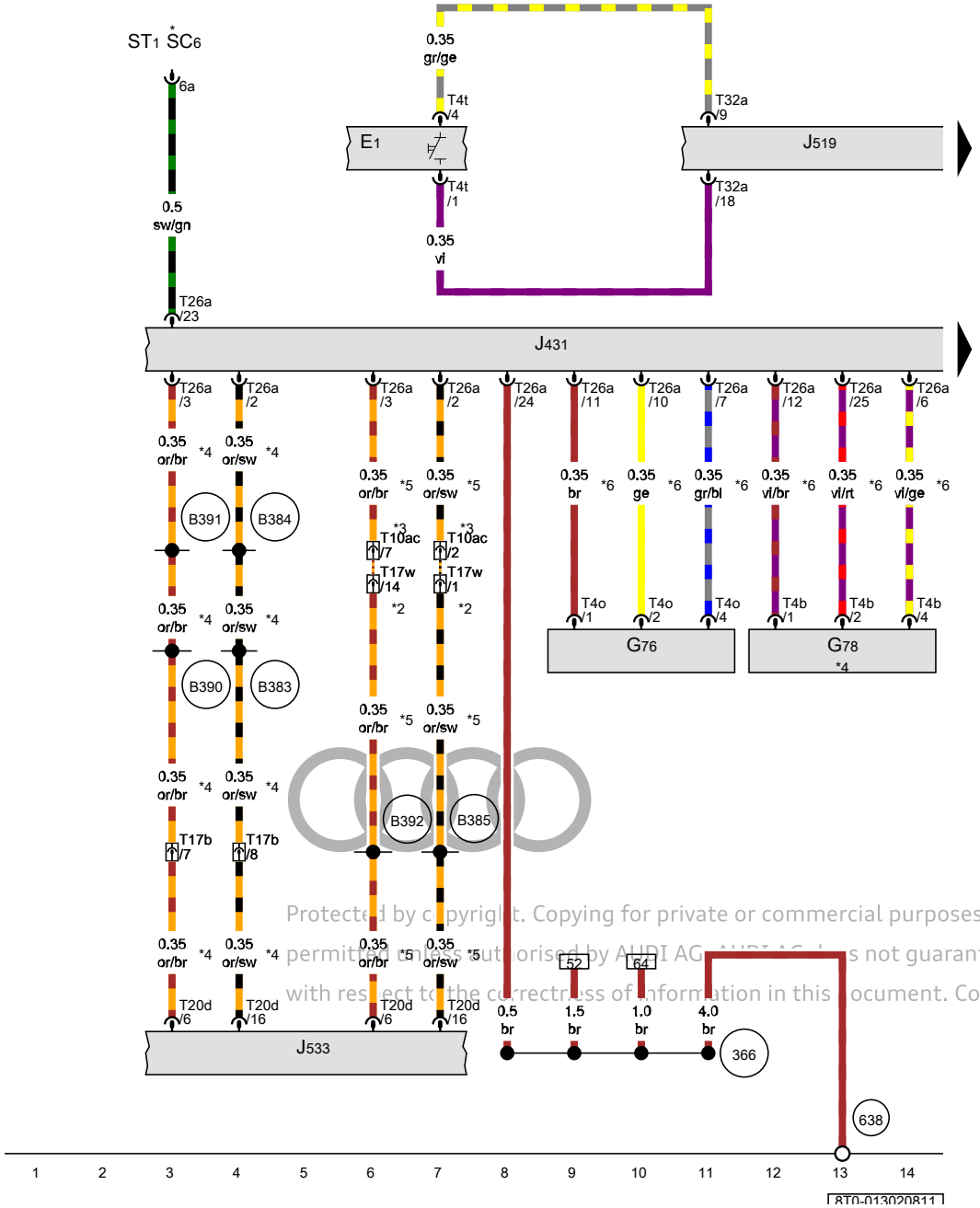
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Gas discharge headlights with automatic headlight range control

From June 2007

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



E1	Light switch
G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J431	Headlight range control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
T4b	4-pin connector
T4o	4-pin connector
T4t	4-pin connector
T10ac	10-pin connector, grey
T17b	17-pin connector, blue
T17w	17-pin connector, white
T20d	20-pin connector
T26a	26-pin connector
T32a	32-pin connector
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness

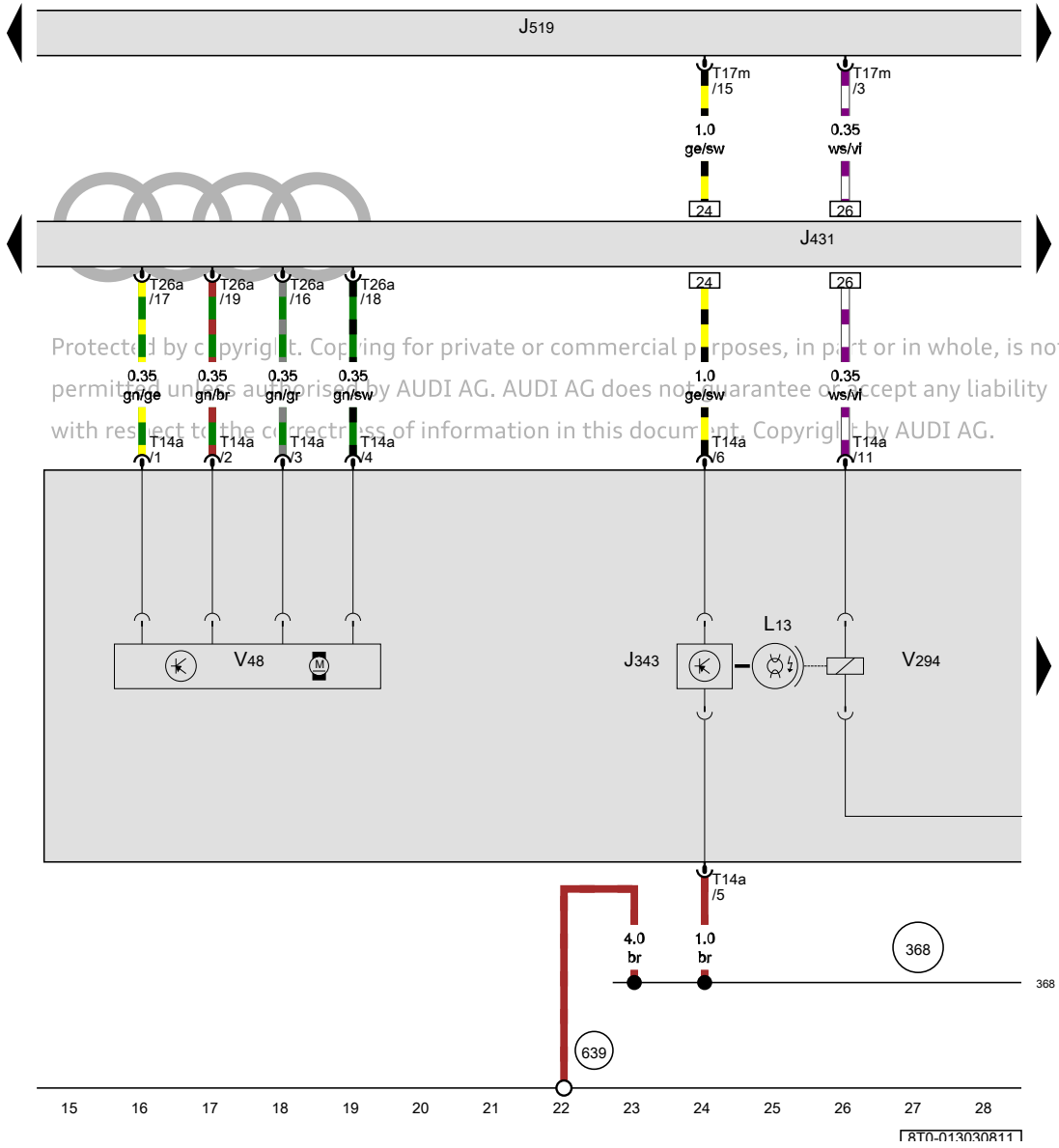
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ro	= red
br	= brown
gn	= green
bl	= blue
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li	= purple
ge	= yellow
or	= orange
rs	= pink

*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009
*4	Gradually discontinued
*5	Gradual introduction during model year 2008
*6	Only models with no adaptive suspension

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Left gas discharge bulb control unit, Headlight range control unit, Onboard supply control unit, Left headlight range control motor, Left dip beam screen motor

J343	Left gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
L13	Left gas discharge (xenon) bulb
T14a	14-pin connector
T17m	17-pin connector
T26a	26-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar

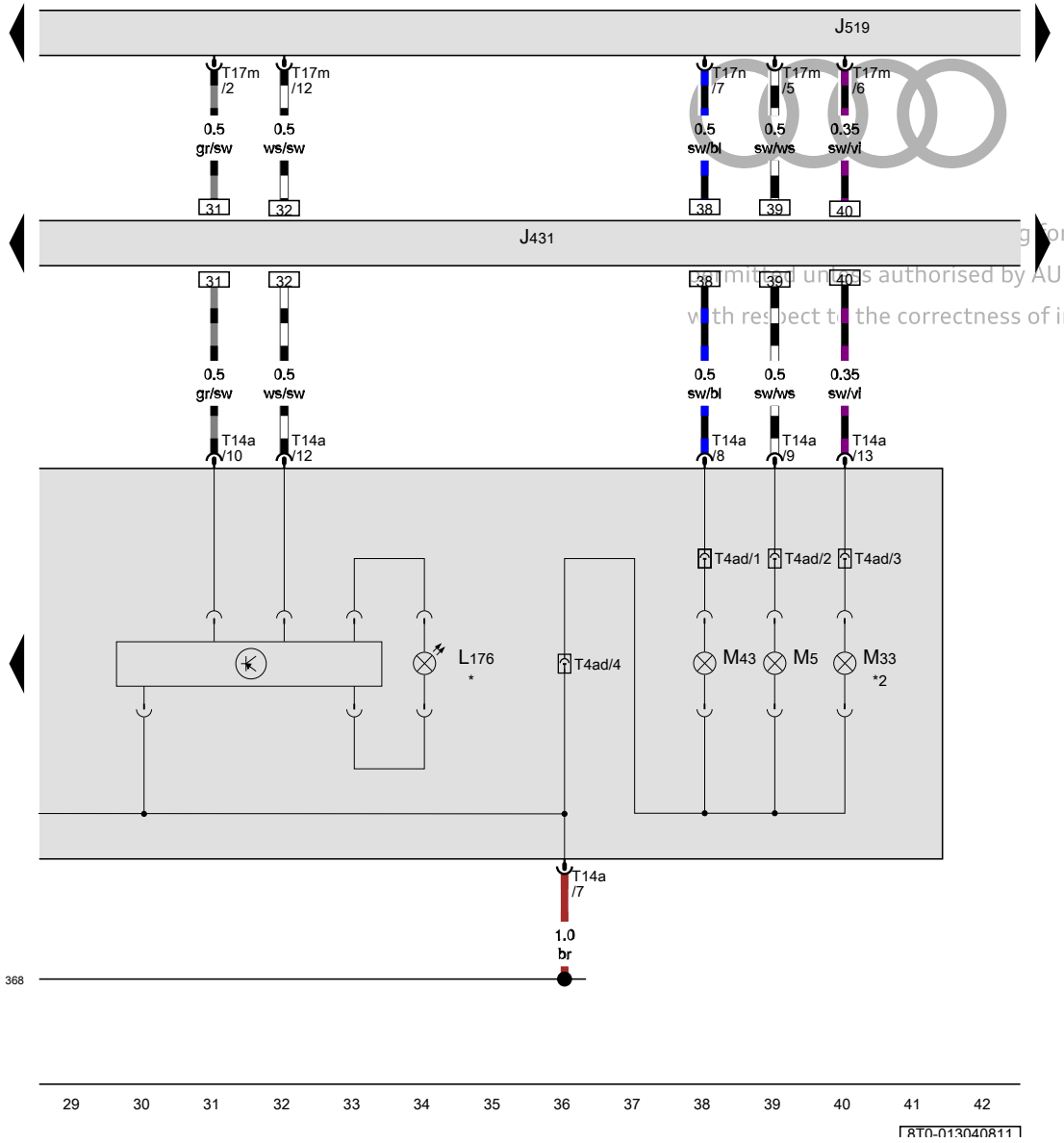


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or	=	orange
rs	=	pink

Headlight range control unit, Onboard supply control unit, Left LED module for daytime running light and side light

J431	Headlight range control unit
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
M43	Left parking light bulb
T4ad	4-pin connector, in left headlight
T14a	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
368	Earth connection 3, in main wiring harness
*	Only models with daytime running lights
*2	Special equipment

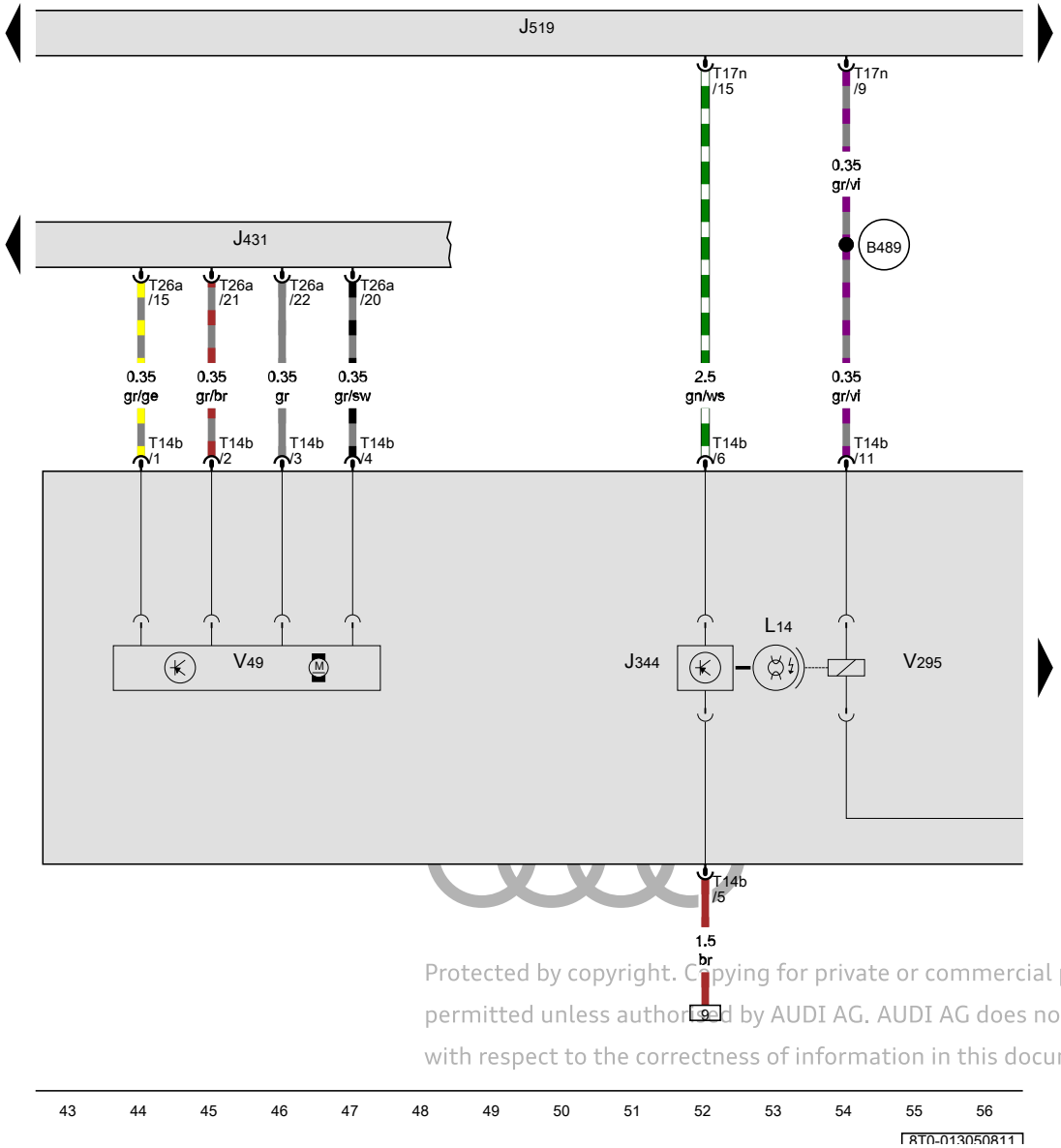


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Right gas discharge bulb control unit, Headlight range control unit, Onboard supply control unit, Right gas discharge (xenon) bulb, Right headlight range control motor, Right dip beam screen motor

J344	Right gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
L14	Right gas discharge (xenon) bulb
T14b	14-pin connector
T17n	17-pin connector
T26a	26-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
B489	Connection 25, in main wiring harness

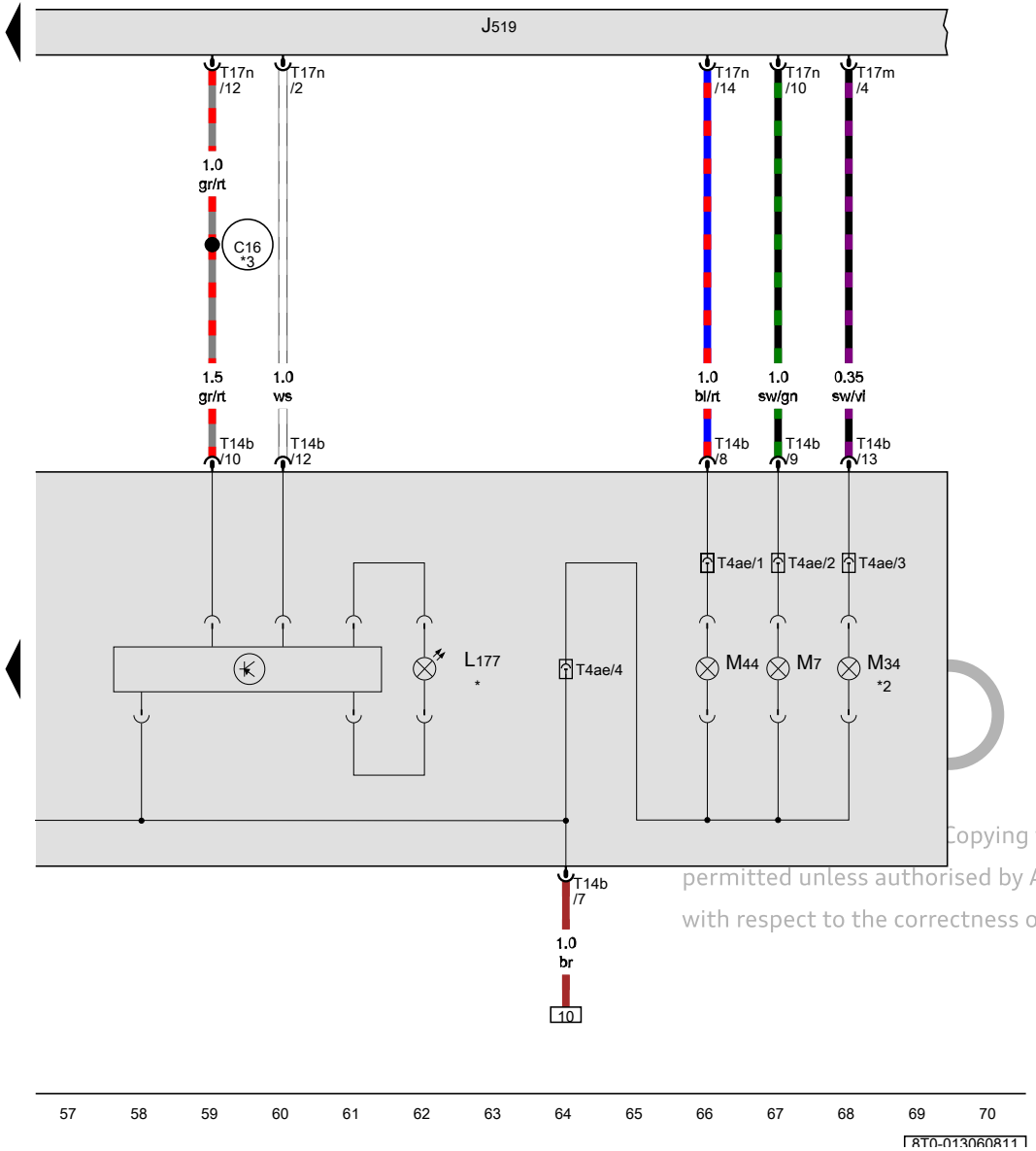


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Onboard supply control unit, Front right turn signal bulb

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
M44	Right parking light bulb
T4ae	4-pin connector, in right headlight
T14b	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
C16	Connection 2, in headlight wiring harness
*	Only models with daytime running lights
*2	Special equipment
*3	gradual introduction



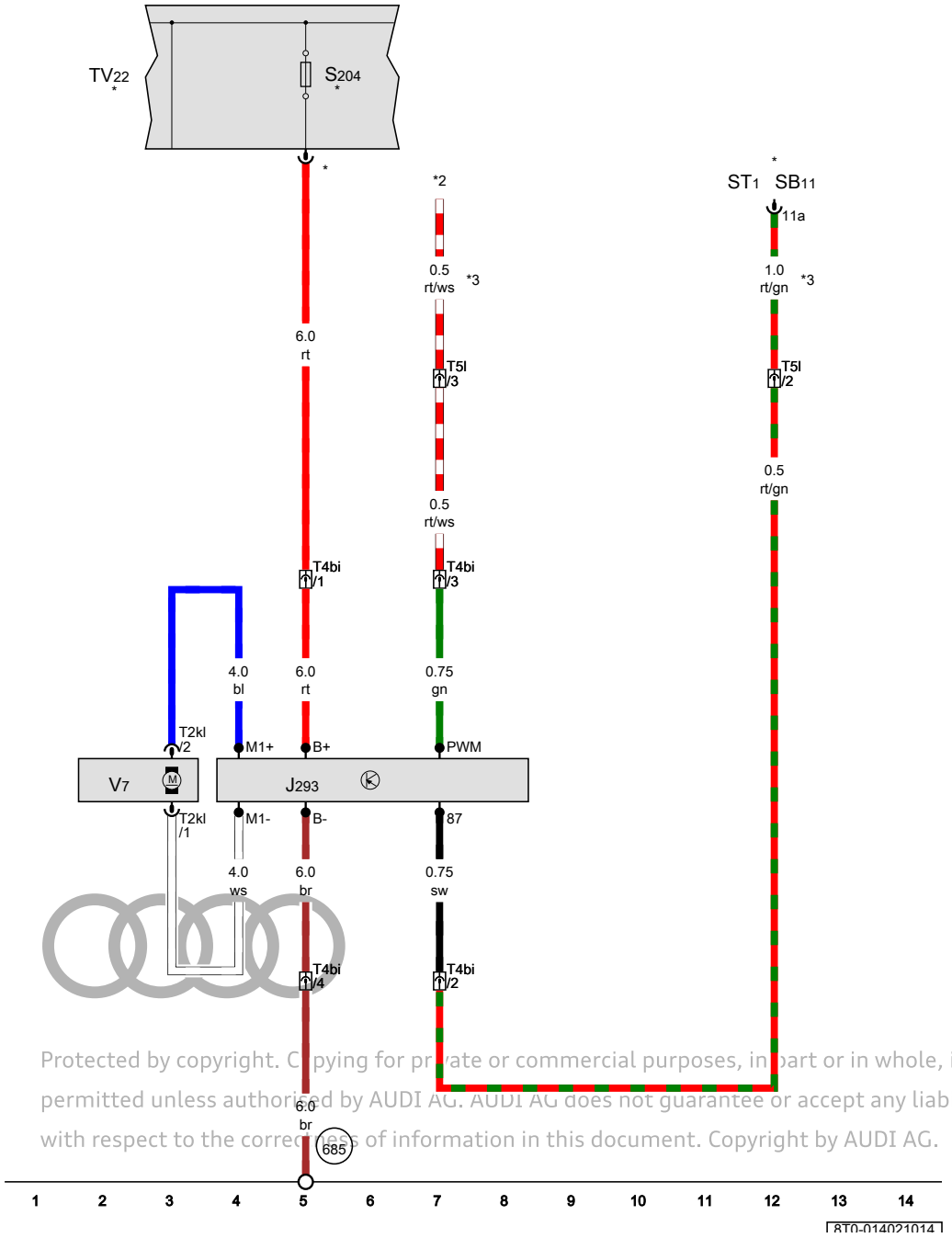
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400 W radiator fan for 4-cylinder and 6-cylinder petrol engines

From June 2007

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Radiator fan control unit, Radiator fan

J293	Radiator fan control unit
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
T2kl	2-pin connector
T4bi	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
685	Earth point 1 at front of right longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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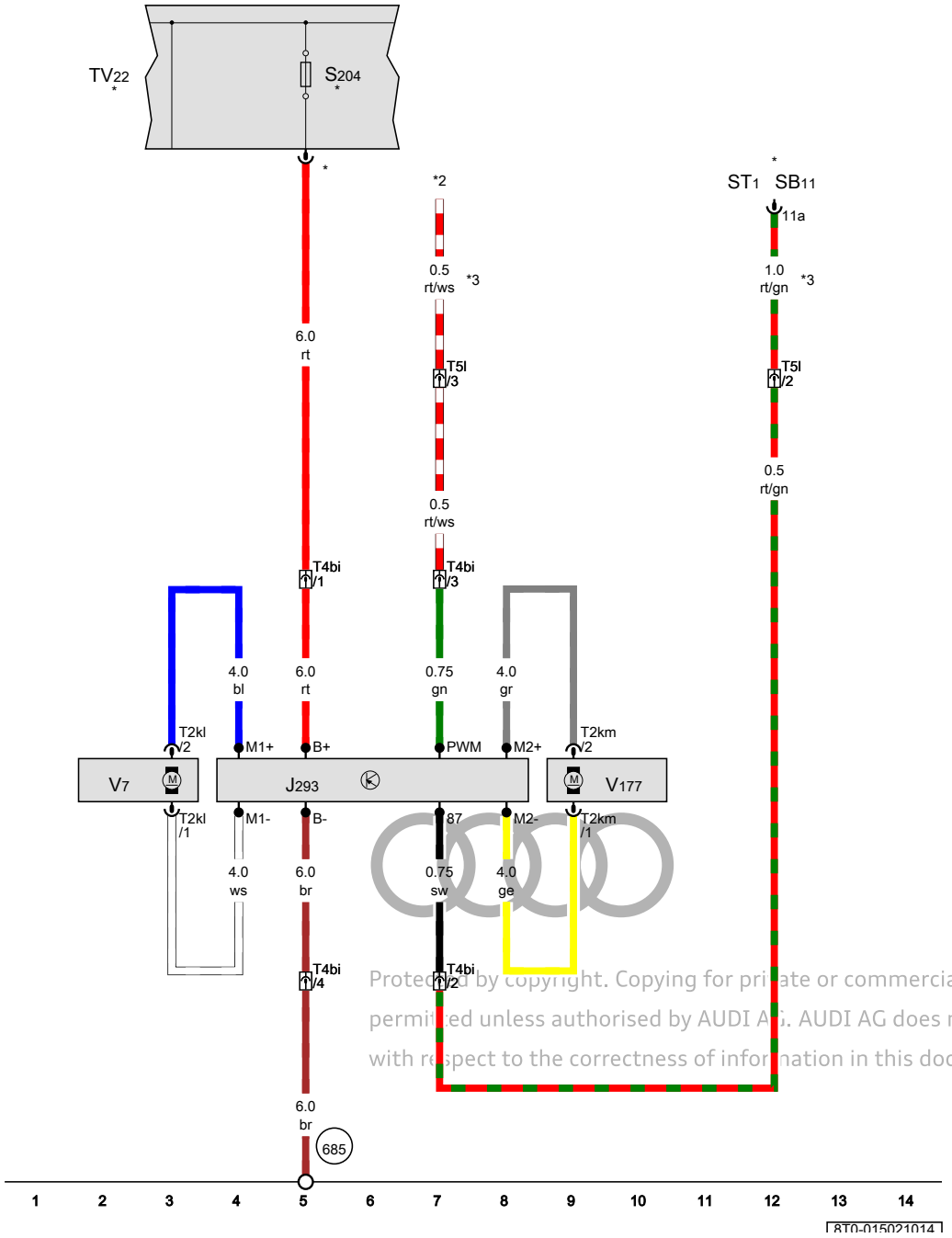
600 W radiator fan for 4-cylinder and 6-cylinder petrol engines

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Radiator fan control unit, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
T2kl	2-pin connector
T2km	2-pin connector
T4bi	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1 at front of right longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment



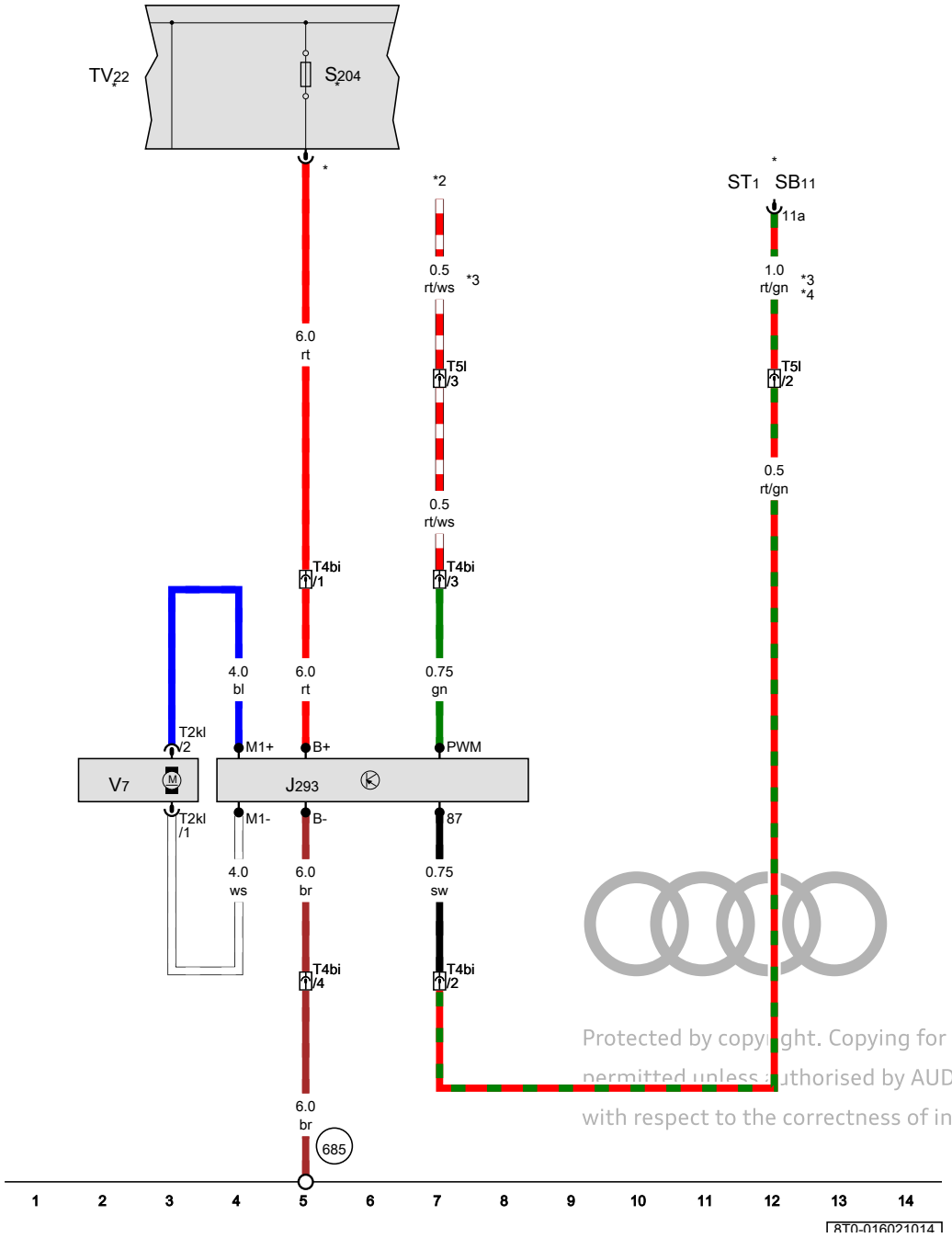
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400 W radiator fan for 4-cylinder and 6-cylinder diesel engines

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Radiator fan control unit, Radiator fan

J293	Radiator fan control unit
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
T2kl	2-pin connector
T4bi	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
685	Earth point 1 at front of right longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	Wiring colour depends on equipment

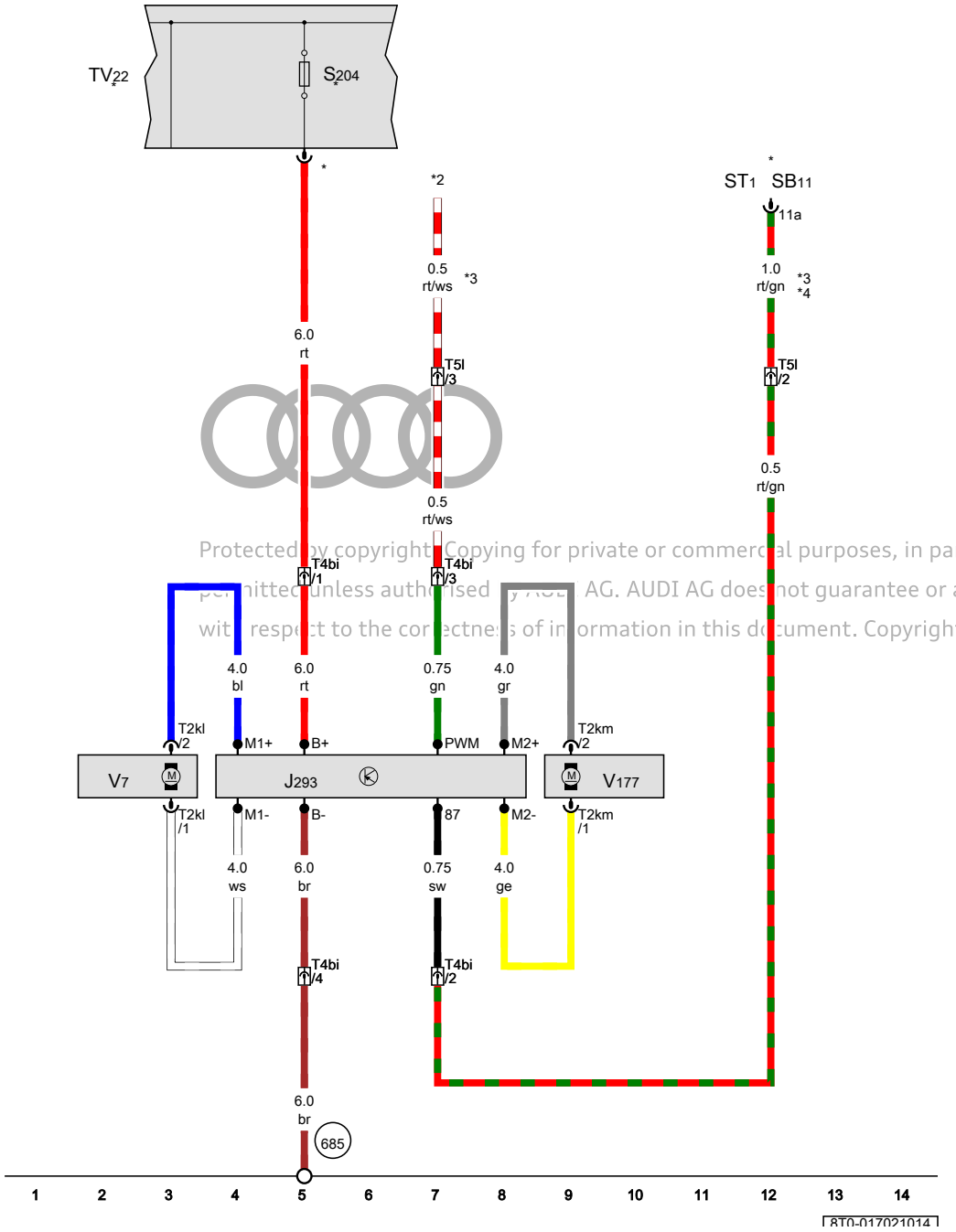
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600 W radiator fan for 4-cylinder and 6-cylinder diesel engines

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Radiator fan control unit, Radiator fan, Radiator fan 2

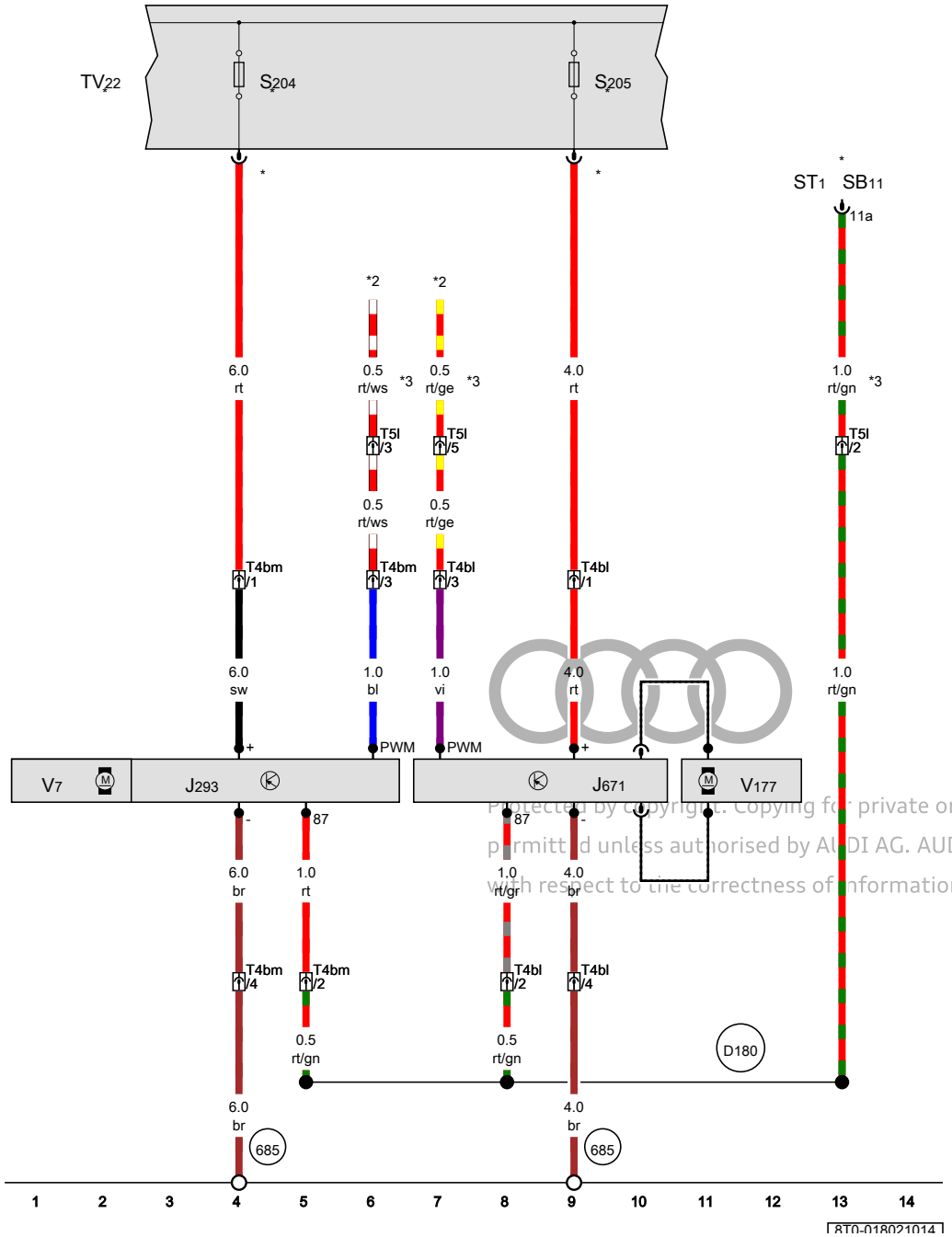
J293	Radiator fan control unit
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
T2kl	2-pin connector
T2km	2-pin connector
T4bi	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1 at front of right longitudinal member
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	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
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rs	=	pink

800 W/1000 W radiator fan for 6-cylinder diesel engines

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Radiator fan control unit, Radiator fan control unit 2, Terminal 30 wiring junction 2, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J671	Radiator fan control unit 2
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T4bl	4-pin connector
T4bm	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1 at front of right longitudinal member
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment

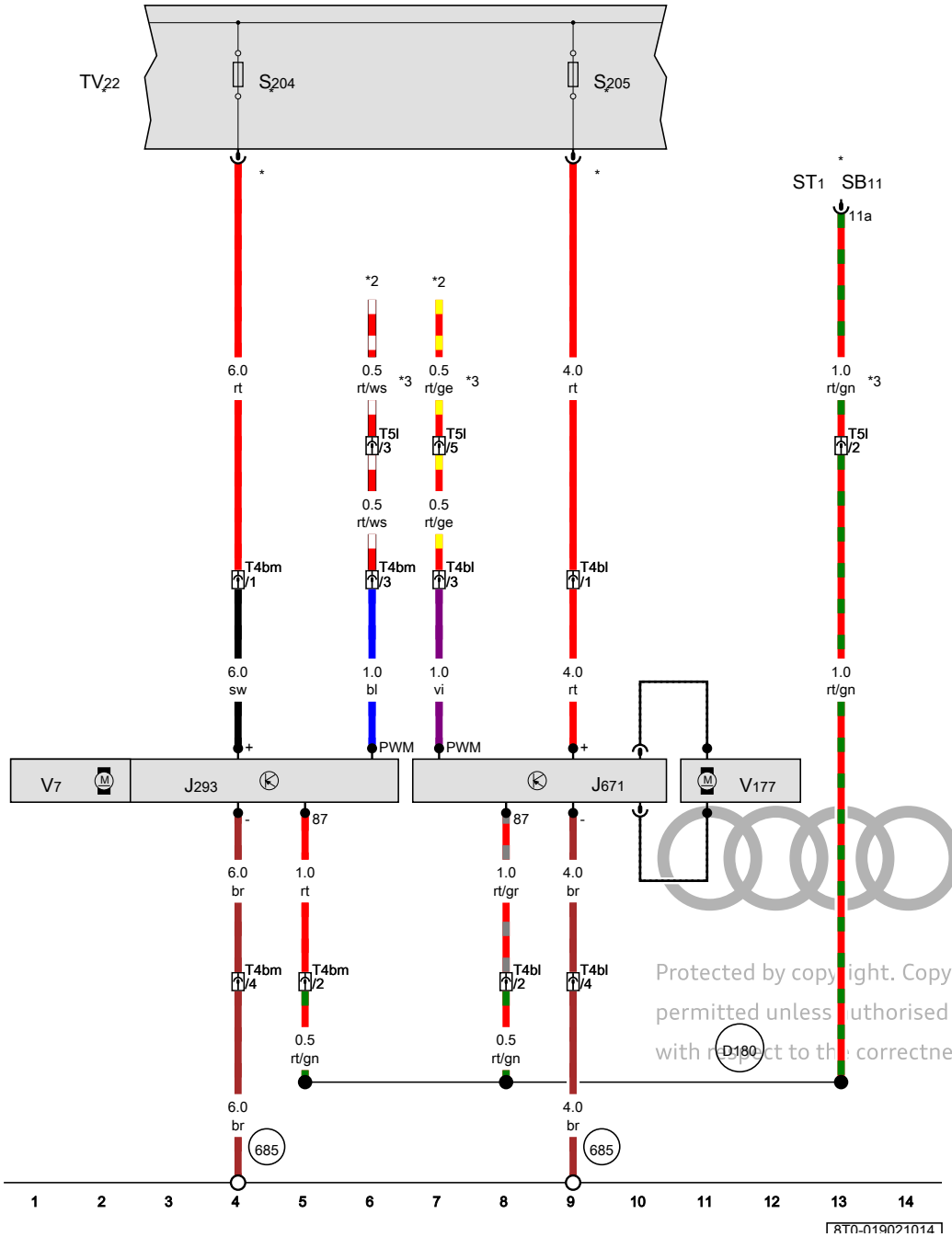
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800 W/1000 W radiator fan for 6-cylinder and 8-cylinder petrol engines

From June 2007

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Radiator fan control unit, Radiator fan control unit 2, Terminal 30 wiring junction 2, Radiator fan, Radiator fan 2

J293	Radiator fan control unit
J671	Radiator fan control unit 2
ST1	Fuse carrier 1
SB11	Fuse 11 on fuse holder B
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T4bl	4-pin connector
T4bm	4-pin connector
T5l	5-pin connector, on left on bulkhead
TV22	Terminal 30 wiring junction 2
V7	Radiator fan
V177	Radiator fan 2
685	Earth point 1 at front of right longitudinal member
D180	Connection (87a), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment

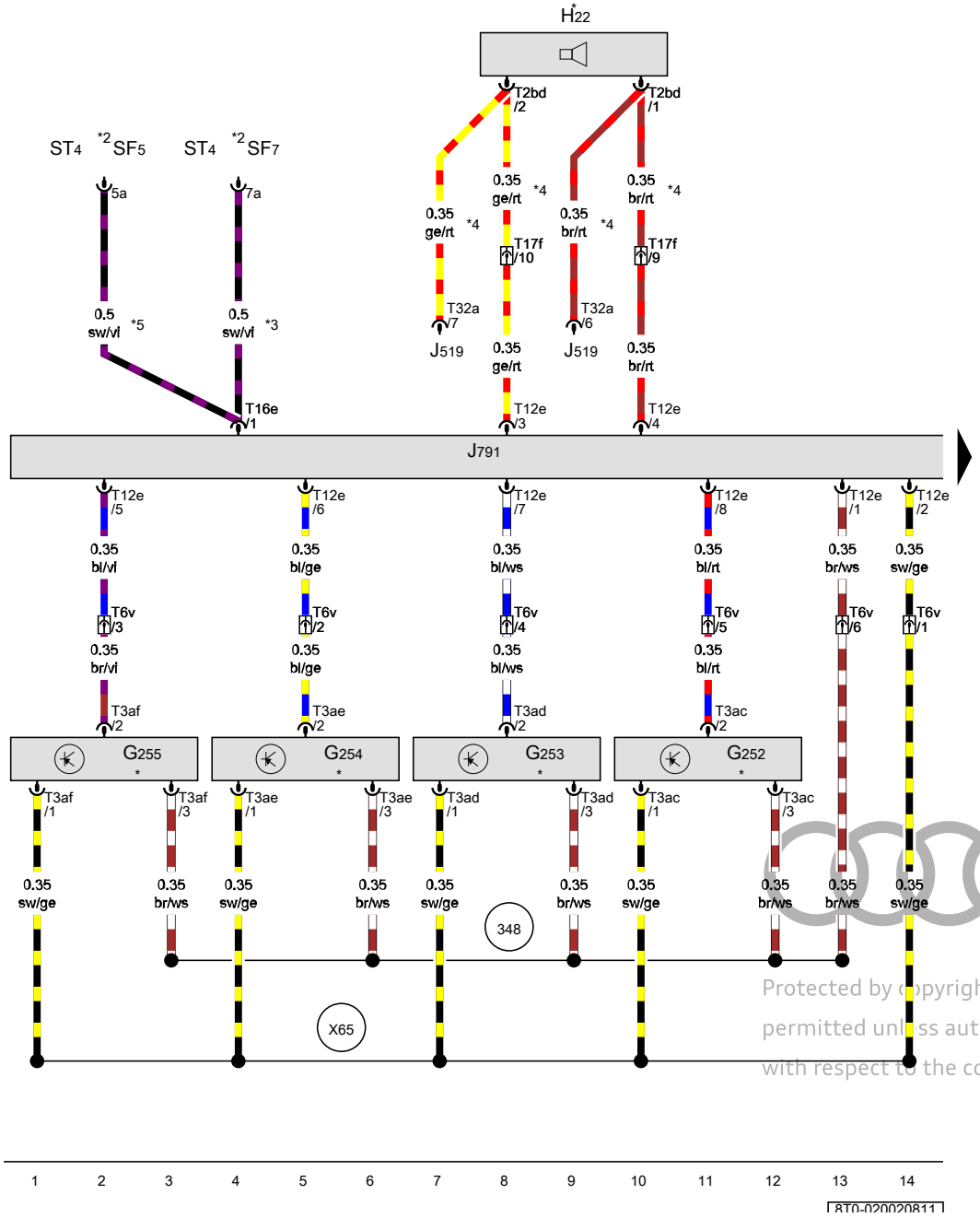
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Parking aid (PDC)

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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
J519	Onboard supply control unit
J791	Park assist steering control unit
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
SF7	Fuse 7 in fuse holder F
T2bd	2-pin connector
T3ac	3-pin connector
T3ad	3-pin connector
T3ae	3-pin connector
T3af	3-pin connector
T6v	6-pin connector, near front bumper
T12e	12-pin connector
T16e	16-pin connector
T17f	17-pin connector, brown
T32a	32-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	Only models with parking aid, front/rear
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	According to equipment
*5	Up to April 2009

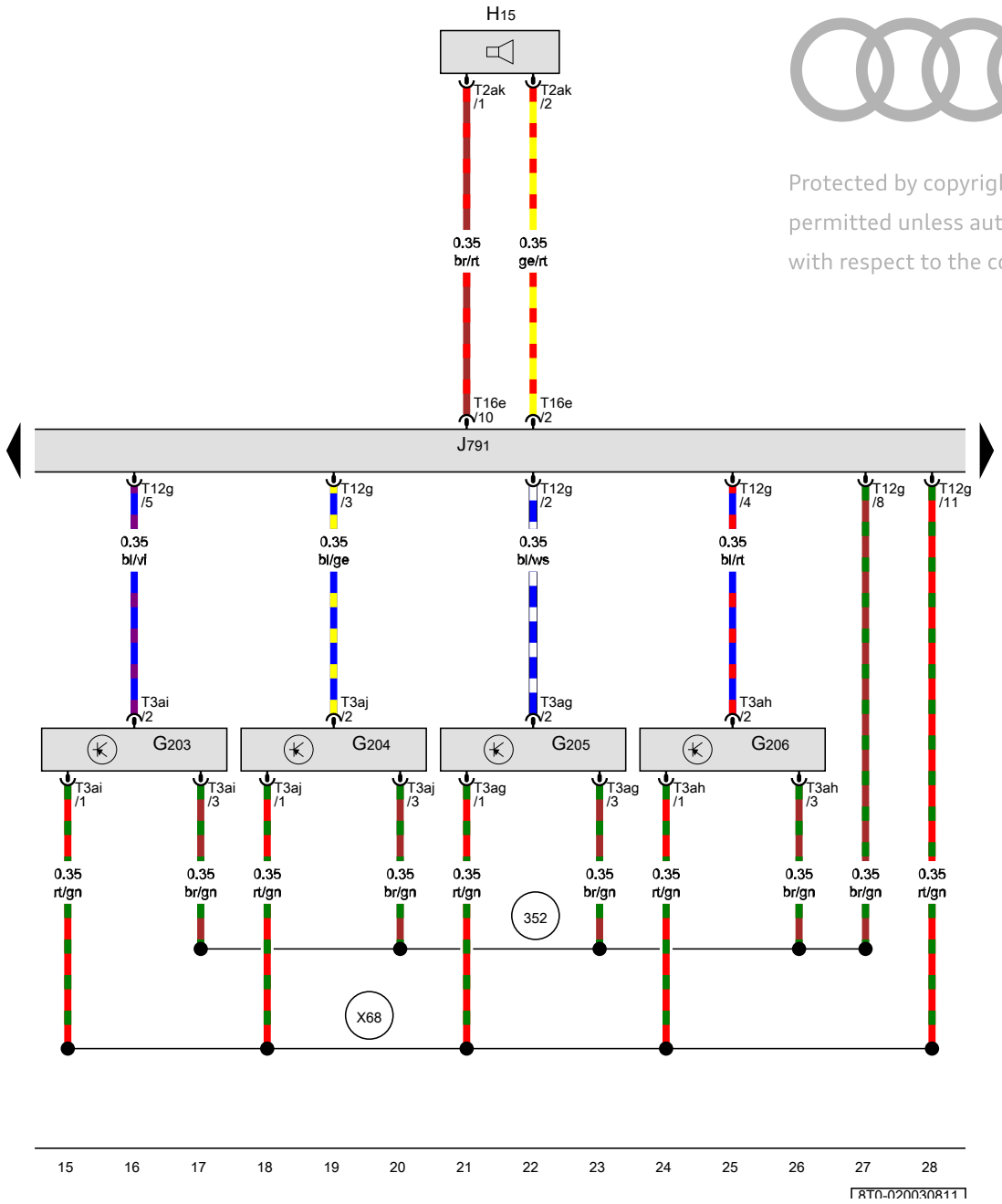
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Rear left parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Park assist steering control unit

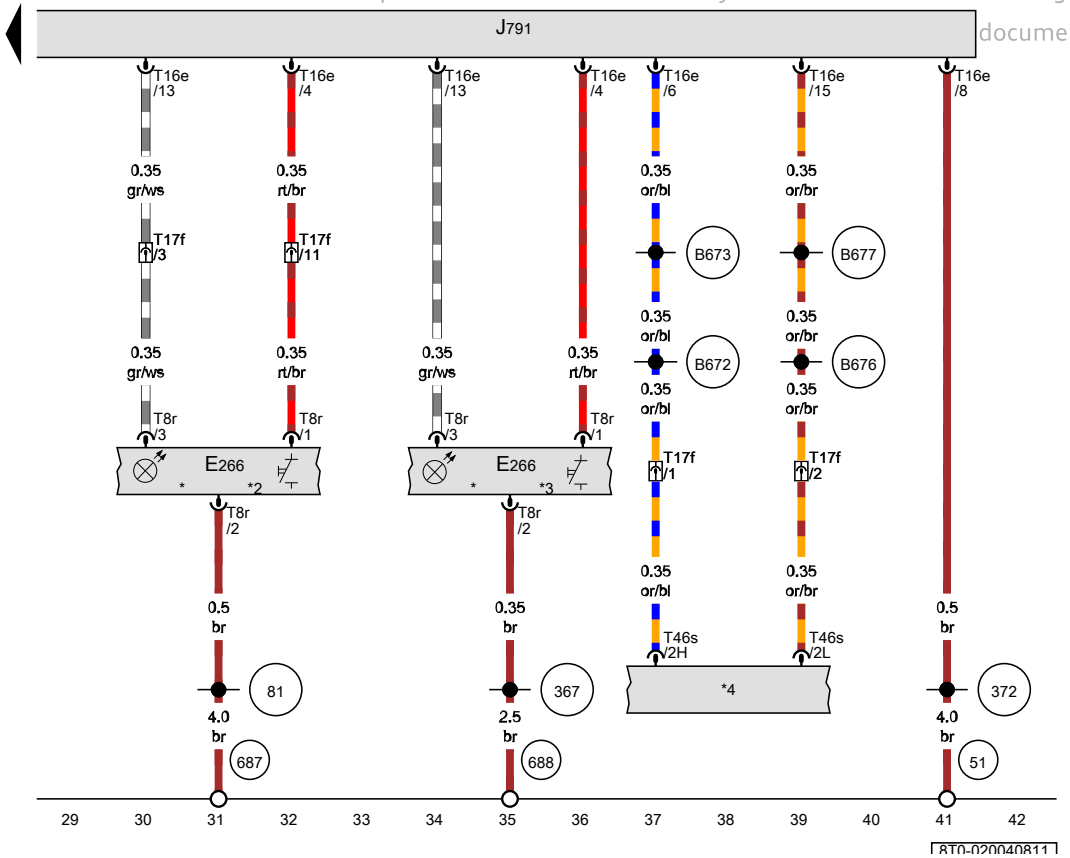
G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J791	Park assist steering control unit
T2ak	2-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T3ai	3-pin connector
T3aj	3-pin connector
T12g	12-pin connector
T16e	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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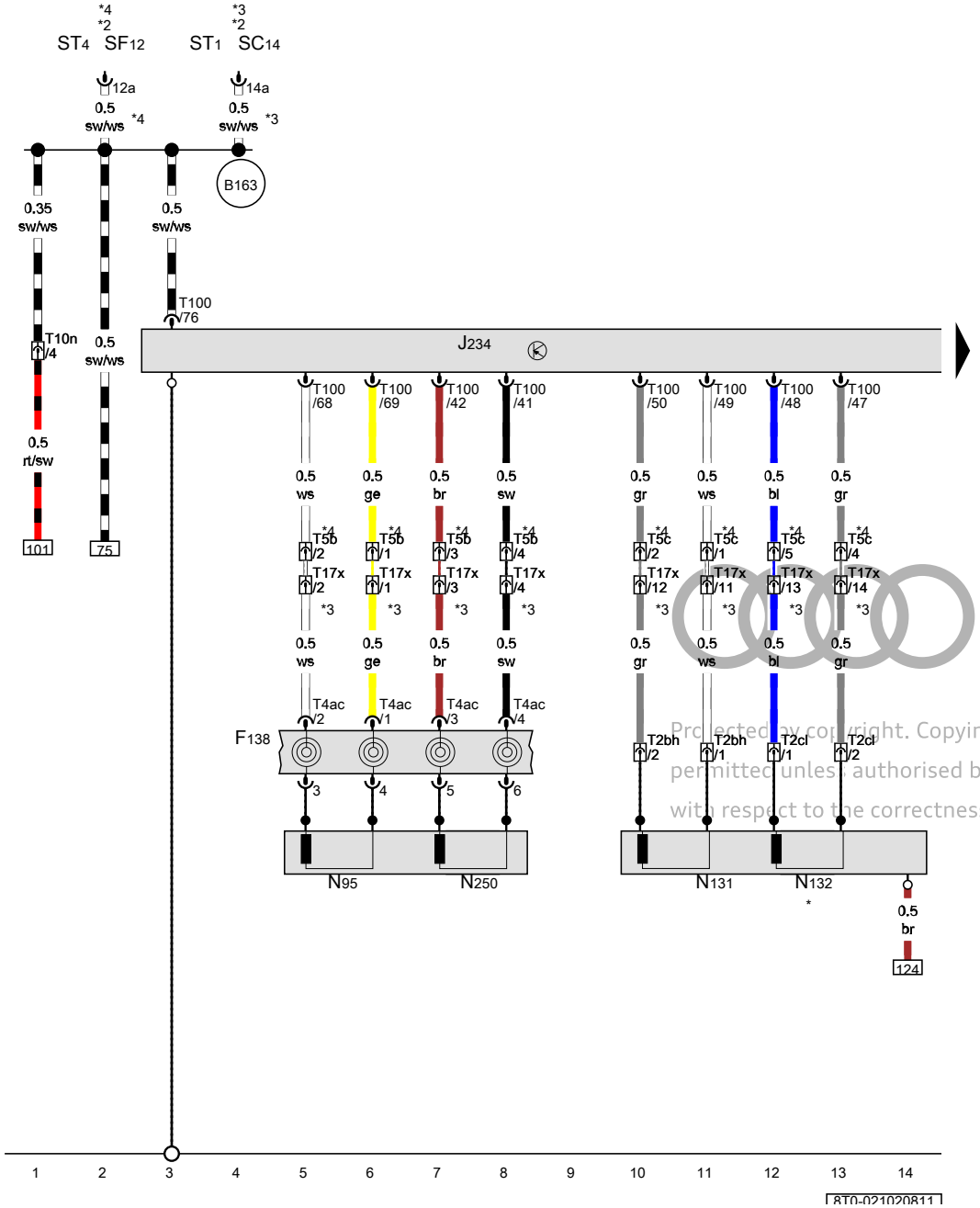
Parking aid button, Park assist steering control unit

E266	Parking aid button
J791	Park assist steering control unit
T8r	8-pin connector
T16e	16-pin connector
T17f	17-pin connector, brown
T46s	46-pin connector
51	Earth point, on right in luggage compartment
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	Only models with parking aid, front/rear
*2	Only models with navigation system, Low
*3	Only models with no navigation system
*4	see applicable current flow diagram

Airbag systems

From June 2007

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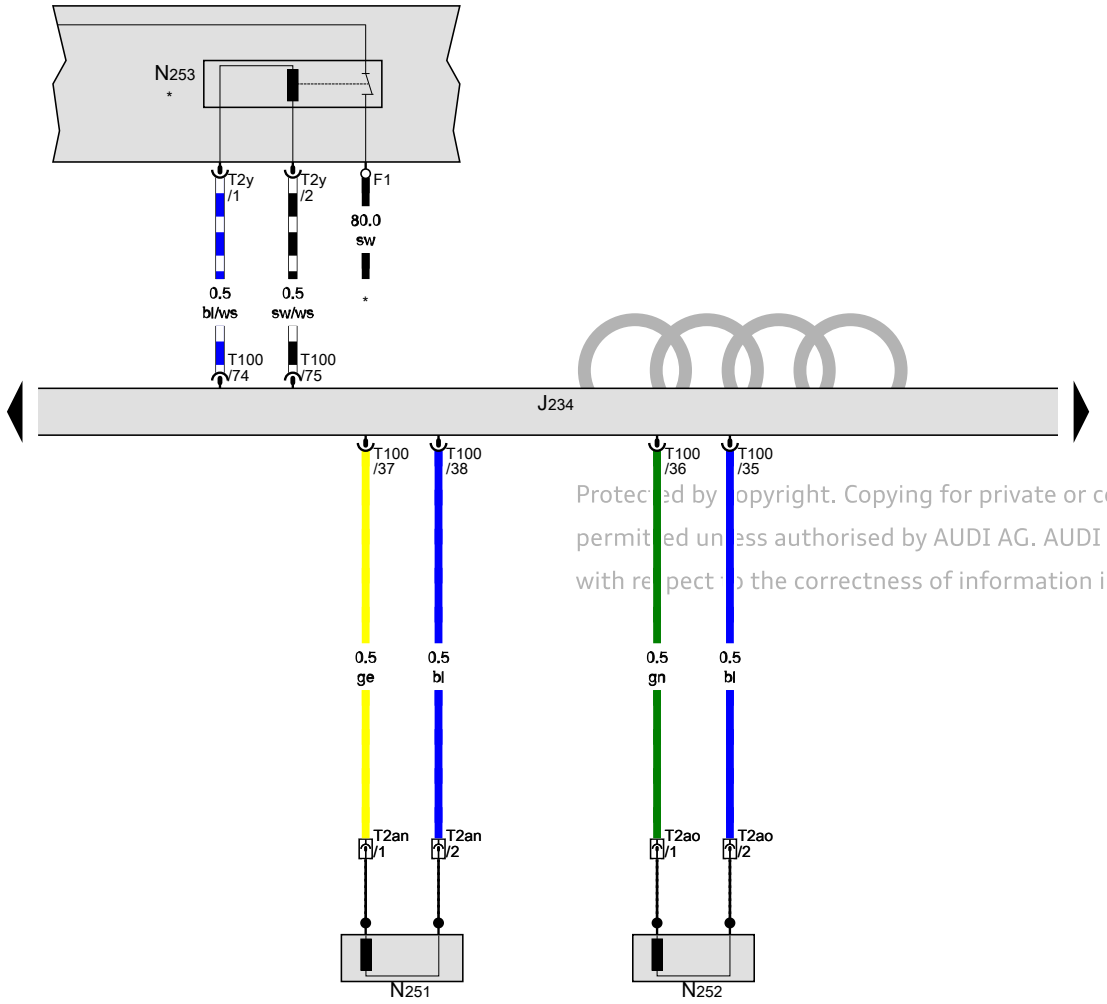


Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Front passenger side airbag igniter 2, Driver side airbag igniter 2

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
N250	Driver side airbag igniter 2
ST1	Fuse carrier 1
ST4	Fuse carrier 4
SF12	Fuse 12 in fuse holder F
SC14	Fuse 14 on fuse holder C
T2bh	2-pin connector, green
T2cl	2-pin connector, black
T4ac	4-pin connector
T5b	5-pin connector, yellow
T5c	5-pin connector, yellow
T10n	10-pin connector, black
T17x	17-pin connector, yellow
T100	100-pin connector
B163	Positive connection 1 (15), in interior wiring harness
*	If fitted
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Up to April 2009

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Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Battery isolation igniter

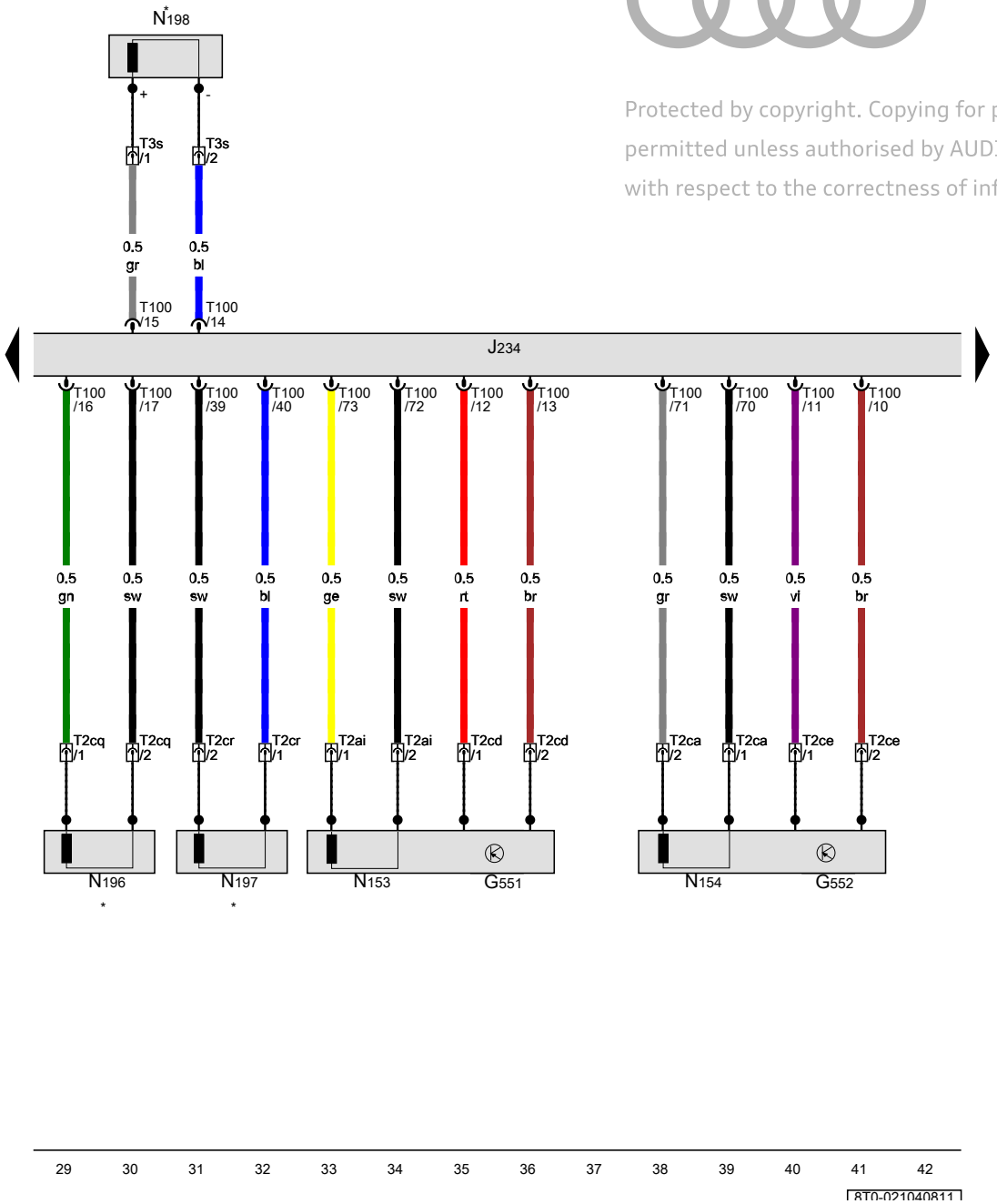
J234	Airbag control unit
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
N253	Battery isolation igniter
T2an	2-pin connector, blue
T2ao	2-pin connector, blue
T2y	2-pin connector
T100	100-pin connector
*	see applicable current flow diagram for fuse assignment

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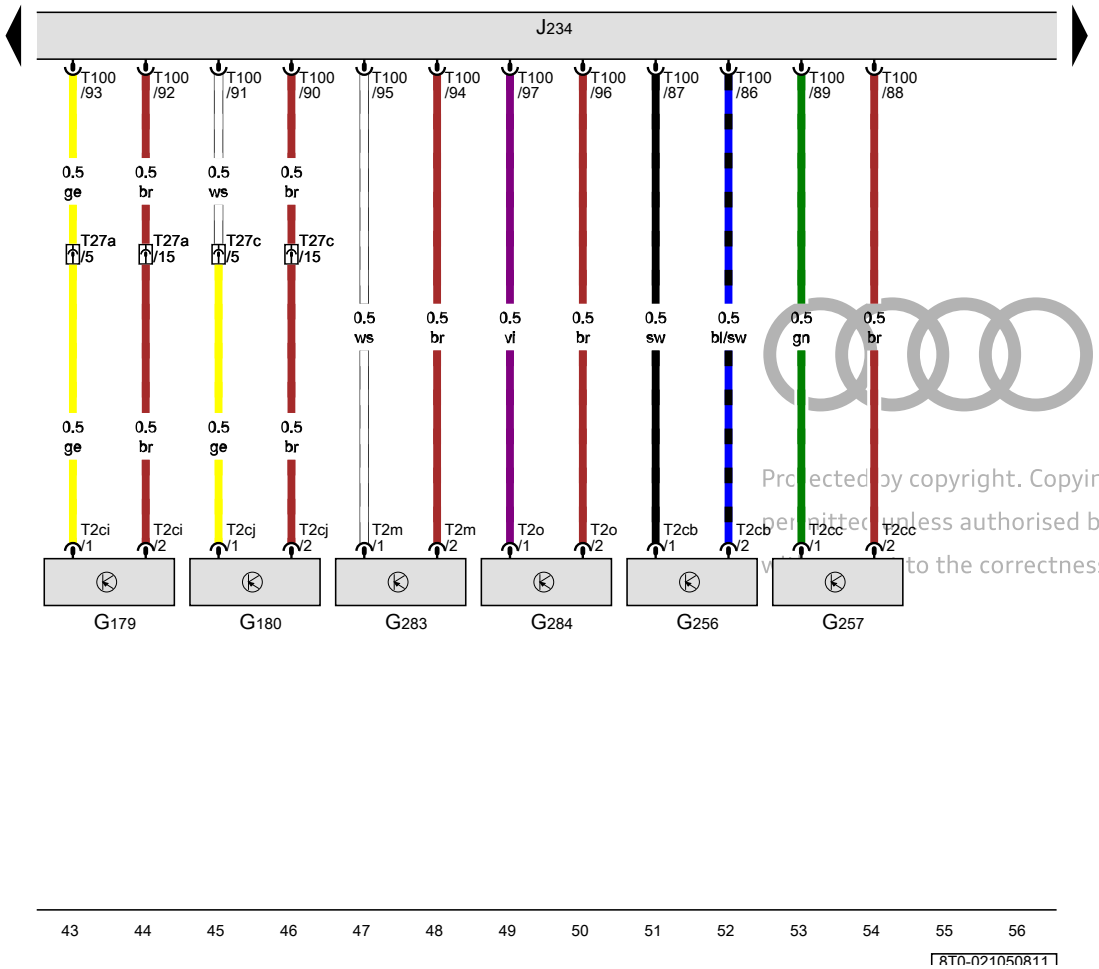
Driver side belt force limiter, Front passenger side belt force limiter, Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on front passenger side, Rear centre belt tensioner igniter

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
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
N198	Rear centre belt tensioner igniter
T2ai	2-pin connector, black
T2ca	2-pin connector, black
T2cd	2-pin connector, yellow
T2ce	2-pin connector, yellow
T2cq	2-pin connector, green
T2cr	2-pin connector, green
T3s	3-pin connector, yellow
T100	100-pin connector
*	Special equipment

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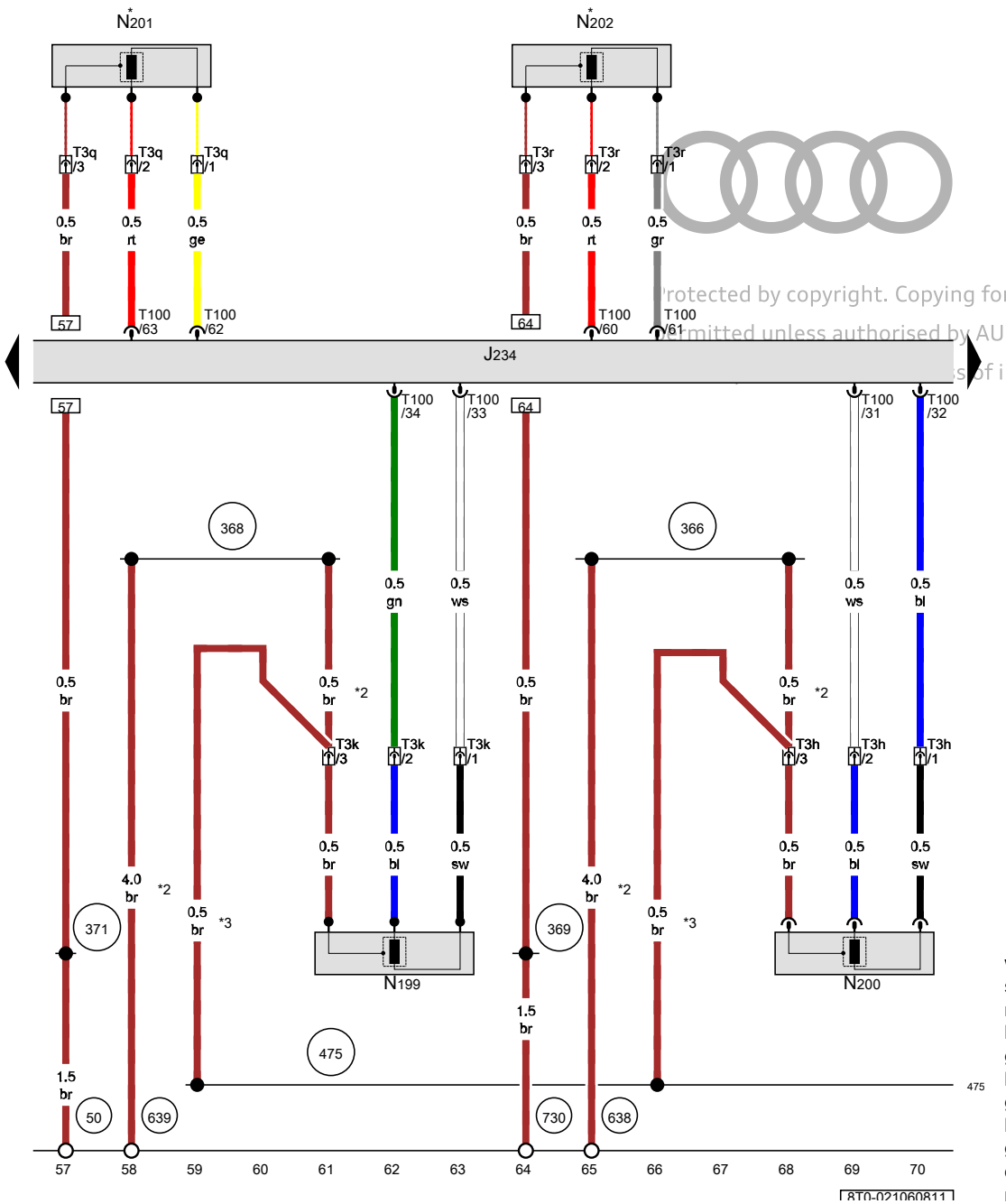
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control 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 front passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit
T2cb	2-pin connector
T2cc	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2m	2-pin connector
T2o	2-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T100	100-pin connector



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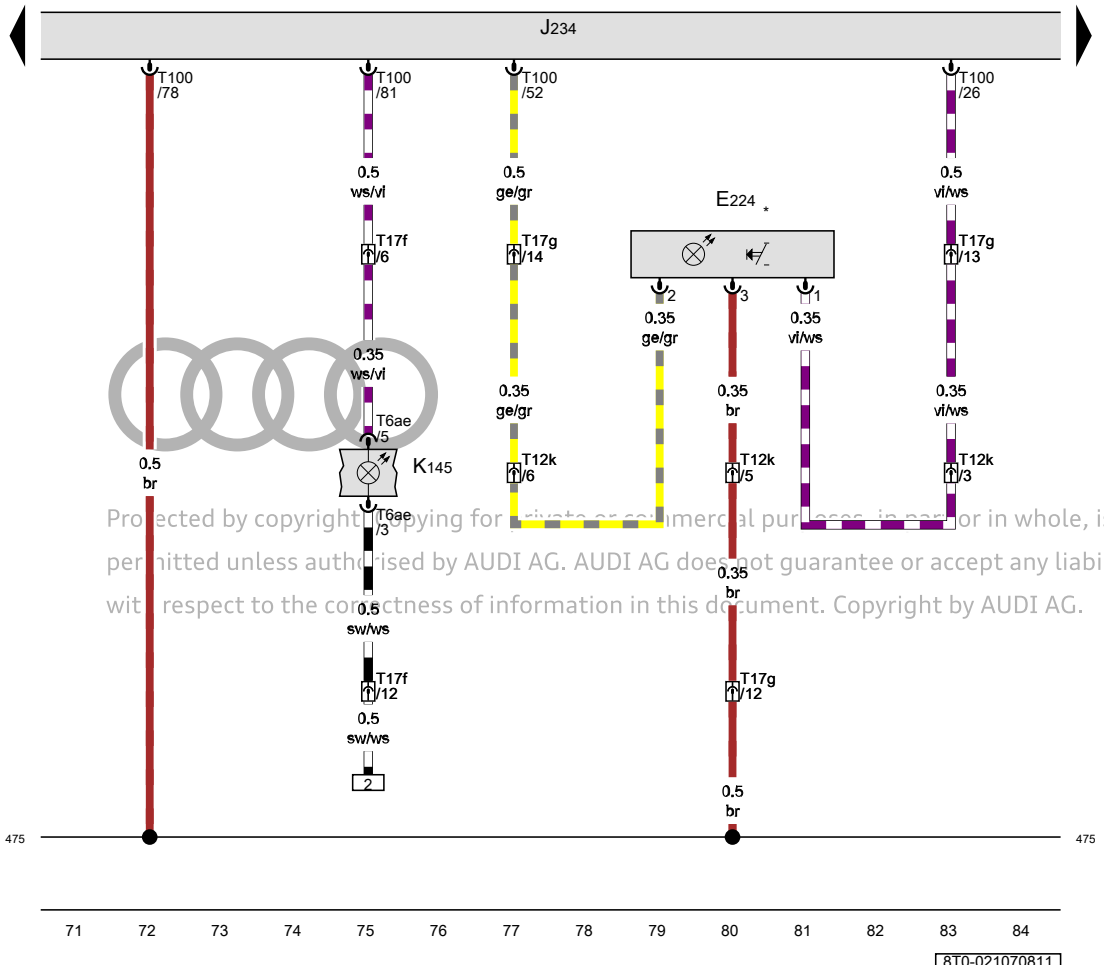
Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T3h	3-pin connector, yellow
T3k	3-pin connector, yellow
T3q	3-pin connector, yellow
T3r	3-pin connector, yellow
T100	100-pin connector
50	Earth point, on left in luggage compartment
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
371	Earth connection 6, in main wiring harness
475	Earth connection (airbag), in main wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	gradual introduction
*3	Gradually discontinued

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Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
T6ae	6-pin connector
T12k	12-pin connector, near glove compartment
T17f	17-pin connector, brown
T17g	17-pin connector, black
T100	100-pin connector
475	Earth connection (airbag), in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag

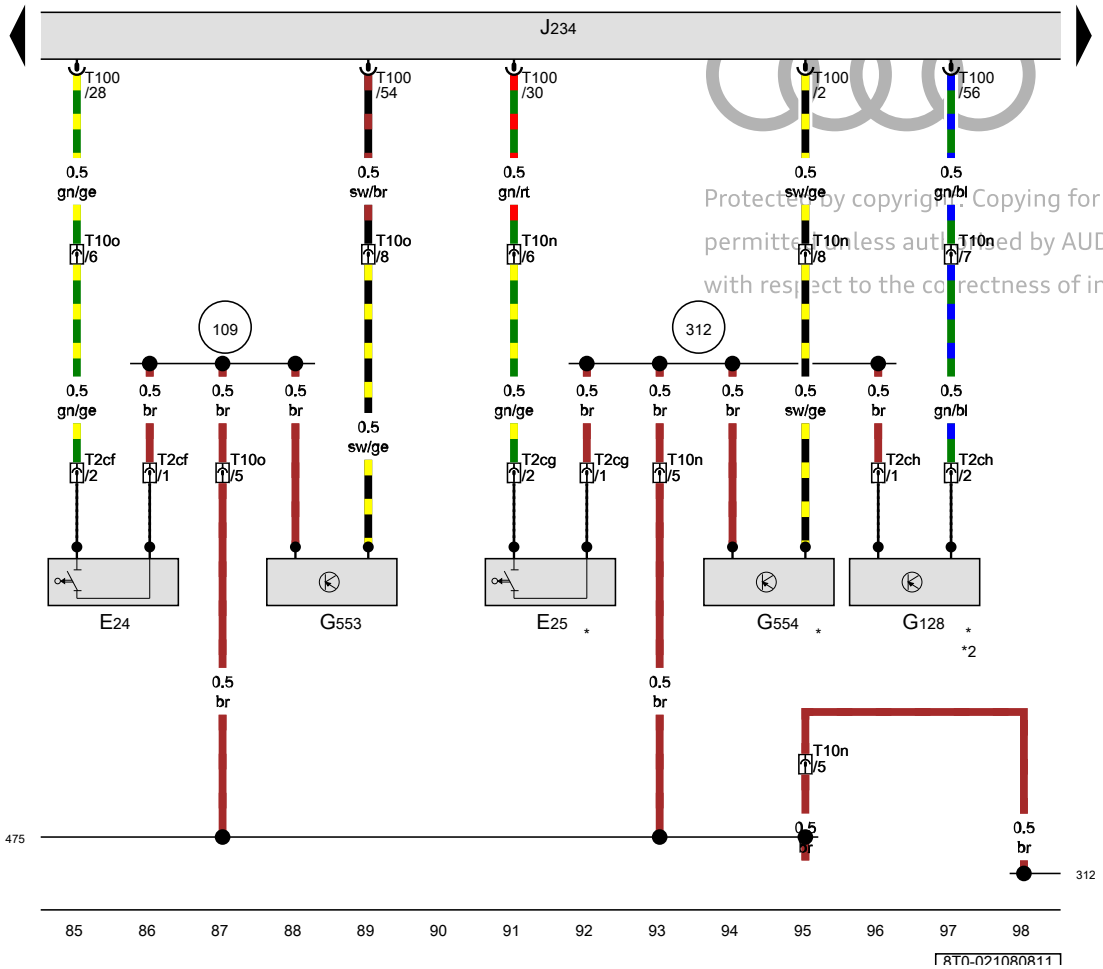


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Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Driver side seat position sensor, Front passenger side seat position sensor, Airbag control unit

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G553	Driver side seat position sensor
G554	Front passenger side seat position sensor
J234	Airbag control unit
T2cf	2-pin connector, black
T2cg	2-pin connector, black
T2ch	2-pin connector, blue
T10n	10-pin connector, black
T10o	10-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
312	Earth connection 2, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness
*	Only models with no US equipment
*2	Special equipment



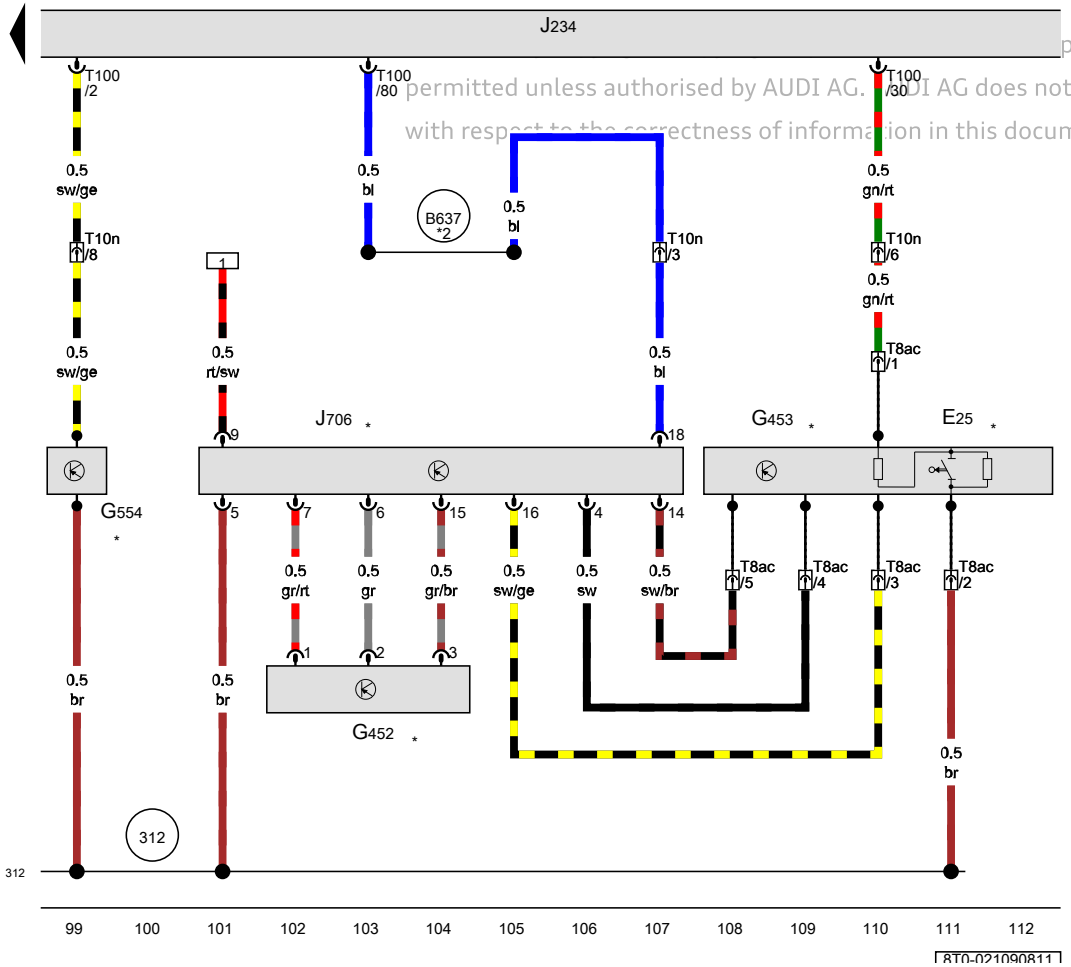
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Front passenger side belt switch, Pressure sensor for seat occupied recognition, Seat belt force sensor for seat occupied recognition, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit

E25	Front passenger side belt switch
G452	Pressure sensor for seat occupied recognition
G453	Seat belt force sensor for seat occupied recognition
G554	Front passenger side seat position sensor
J234	Airbag control unit
J706	Seat occupied recognition control unit
T8ac	8-pin connector
T10n	10-pin connector, black
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
B637	Connection 1 (airbag), in main wiring harness
*	Special equipment
*2	If fitted

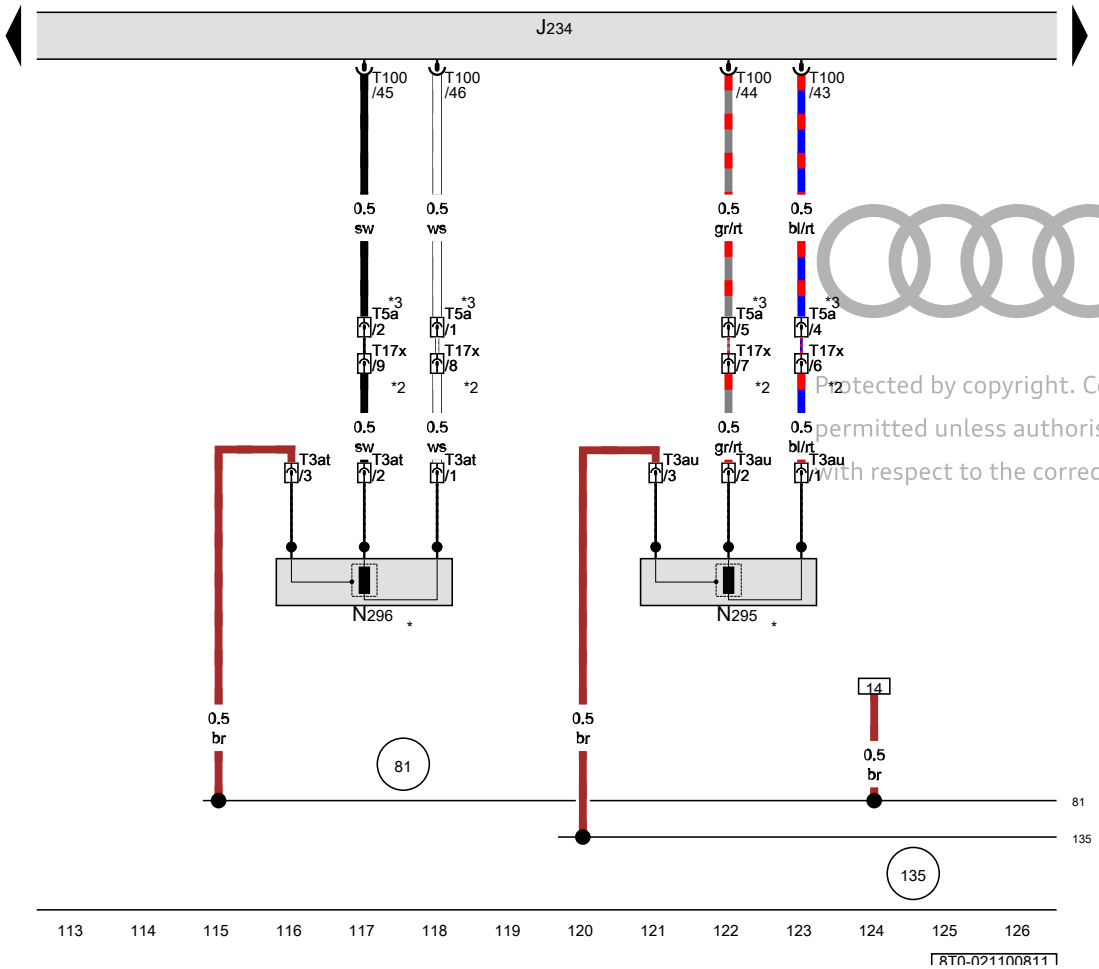
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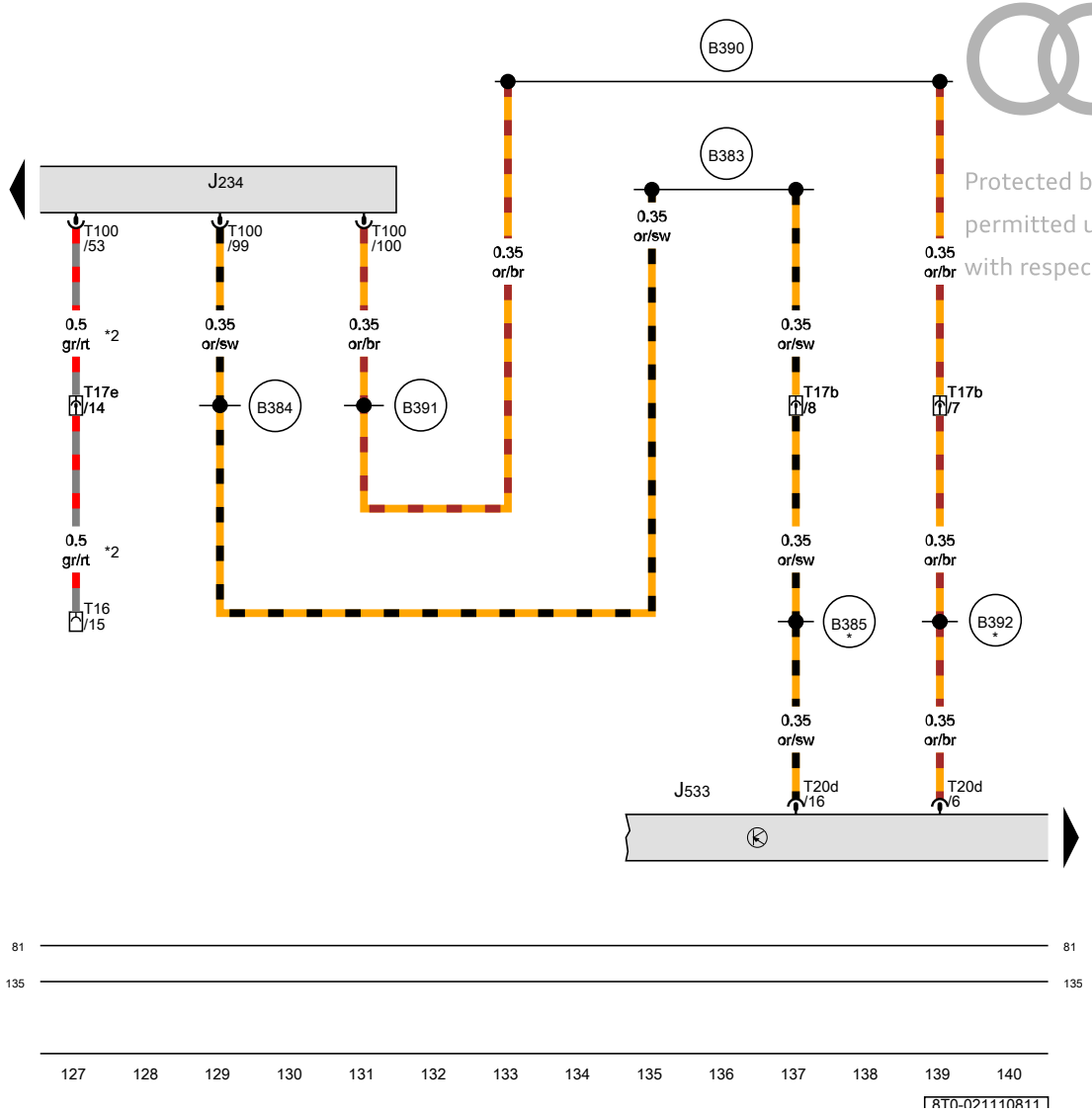
Airbag control unit, Driver side knee airbag igniter, Front passenger side knee airbag igniter

J234	Airbag control unit
N295	Driver side knee airbag igniter
N296	Front passenger side knee airbag igniter
T3at	3-pin connector, yellow
T3au	3-pin connector, yellow
T5a	5-pin connector, yellow
T17x	17-pin connector, yellow
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
*	Special equipment
*2	From May 2009
*3	Up to April 2009



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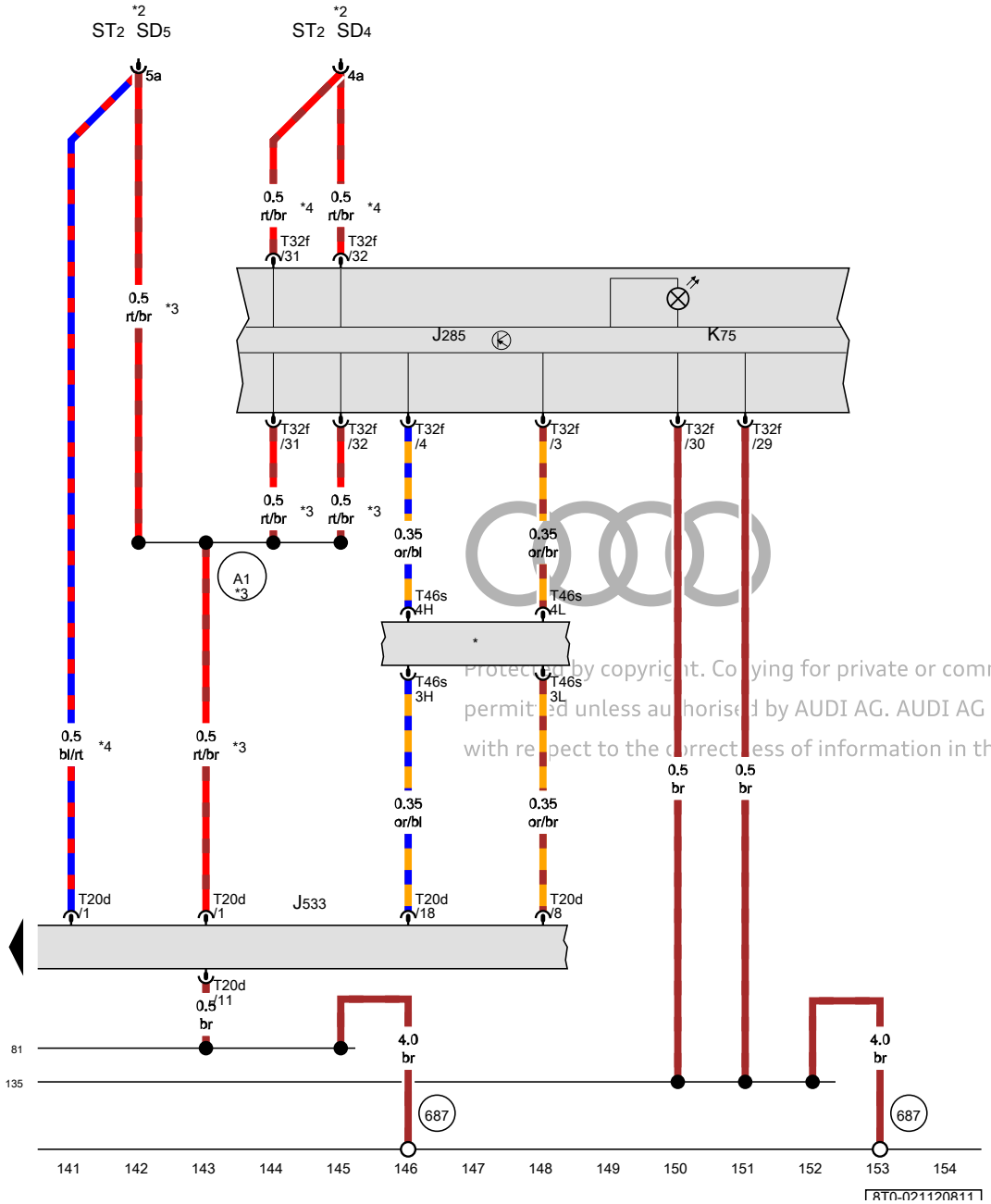


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Airbag control unit, Data bus diagnostic interface

J234	Airbag control unit
J533	Data bus diagnostic interface
T16	16-pin connector, on diagnostic connection
T17b	17-pin connector, blue
T17e	17-pin connector, red
T20d	20-pin connector
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
*	If fitted
*2	gradual introduction

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Control unit in dash panel insert, Data bus diagnostic interface, Airbag warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K75	Airbag warning lamp
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009

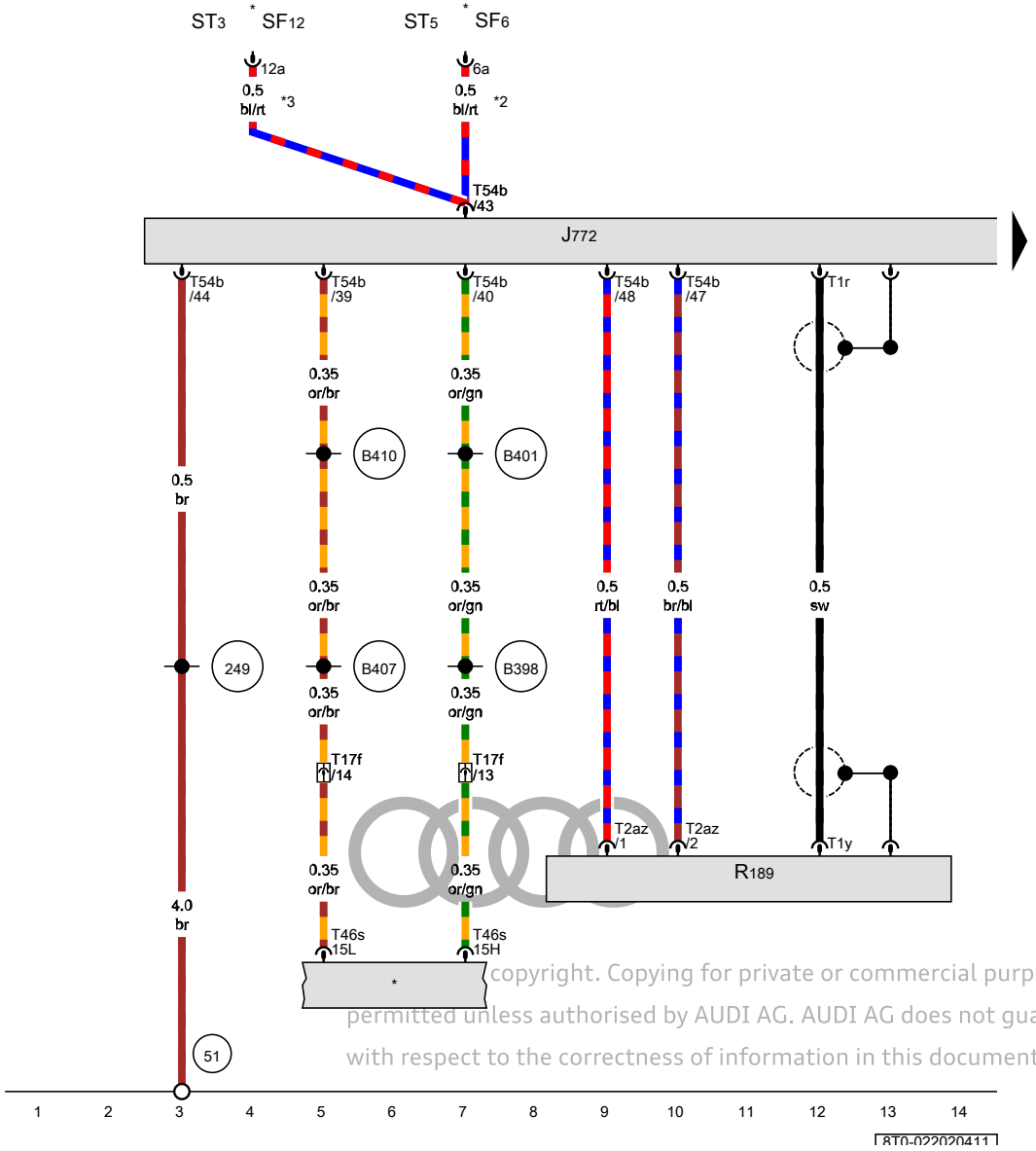
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rs	=	pink

Reversing camera (Rear Assist)

From June 2007

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Reversing camera system control unit, Reversing camera

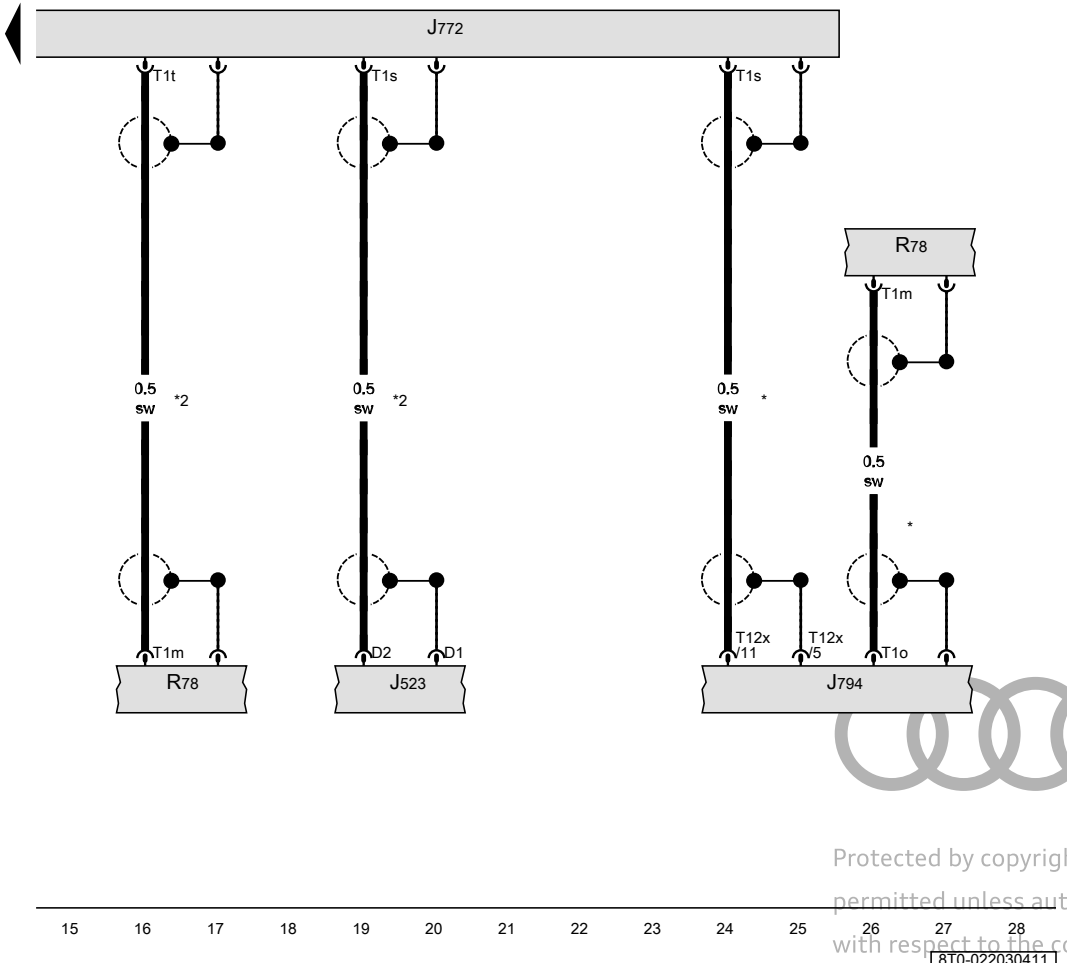
J772	Reversing camera system control unit
R189	Reversing camera
ST3	Fuse carrier 3
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
SF12	Fuse 12 in fuse holder F
T1r	Single connector
T1y	Single connector
T2az	2-pin connector
T17f	17-pin connector, brown
T46s	46-pin connector
T54b	54-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009

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

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Reversing camera system control unit, Control unit 1 for information electronics

J523	Control unit for front display and information control panel
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R78	TV tuner
T1m	Single connector
T1o	Single connector
T1s	Single connector
T1t	Single connector
T12x	12-pin connector
*	gradual introduction
*2	Gradually discontinued



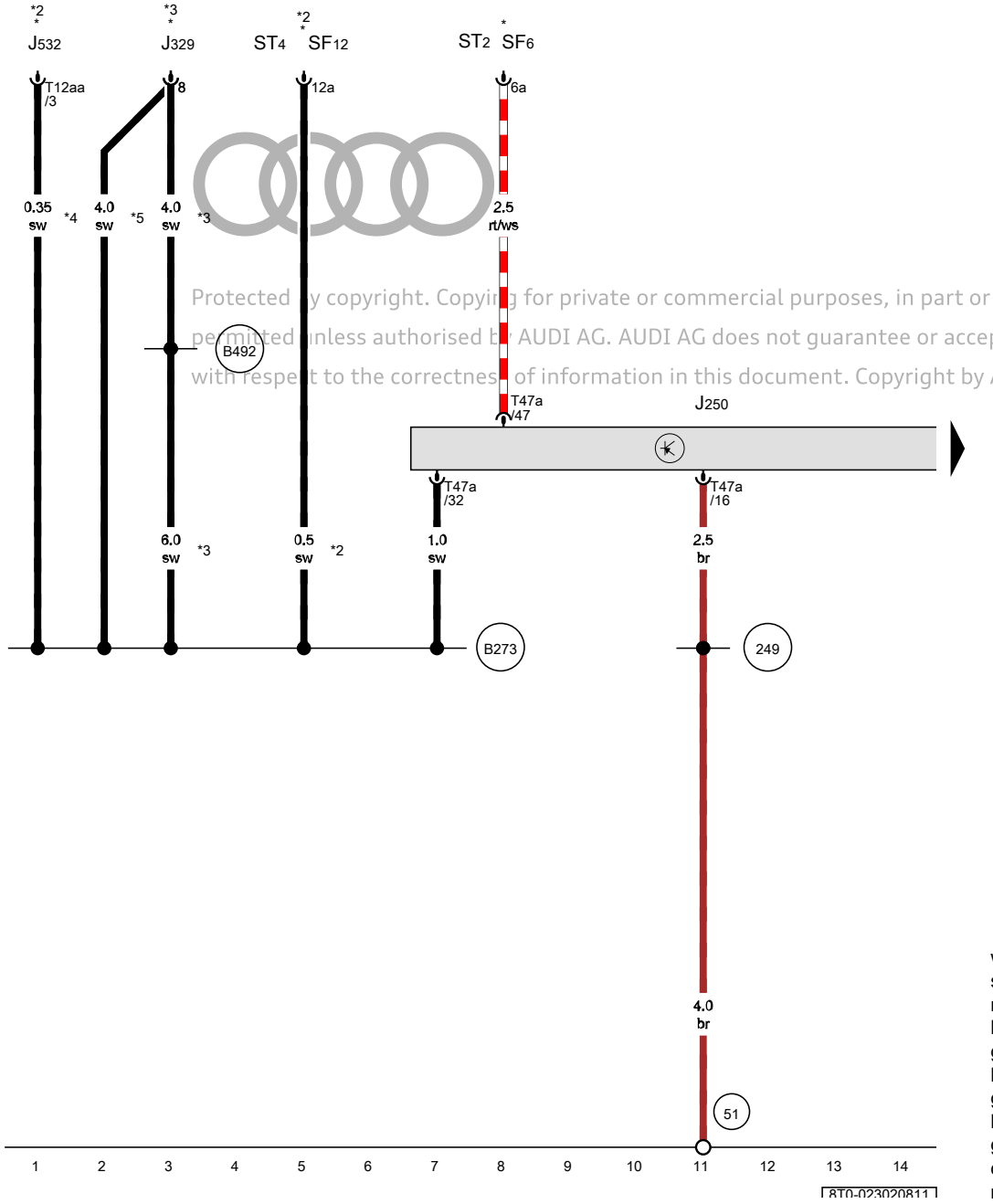
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Automatic adaptive suspension, adjustable dampers

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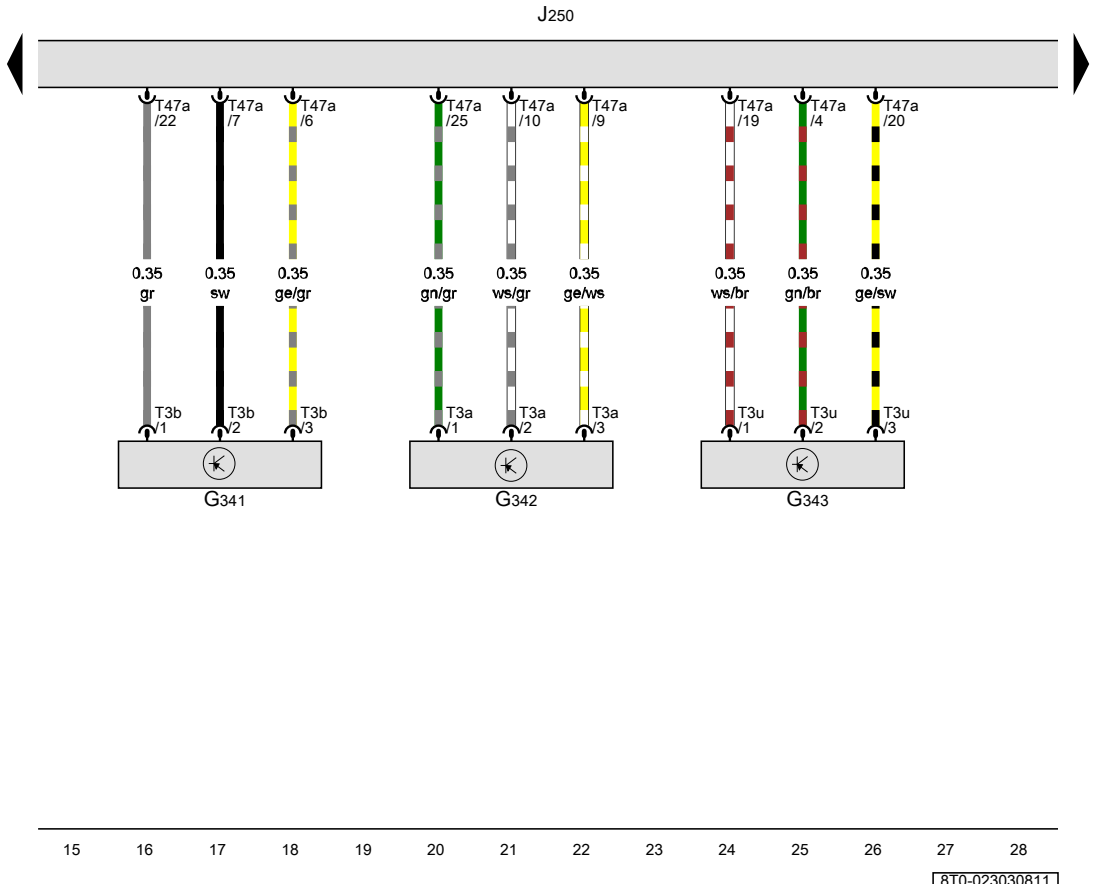
Electronically controlled damping control unit

J250	Electronically controlled damping control unit
J329	Terminal 15 voltage supply relay
J532	Voltage stabiliser
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12aa	12-pin connector
T47a	47-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009
*4	Only models with stop/start system
*5	Up to August 2007

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Front left body acceleration sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit

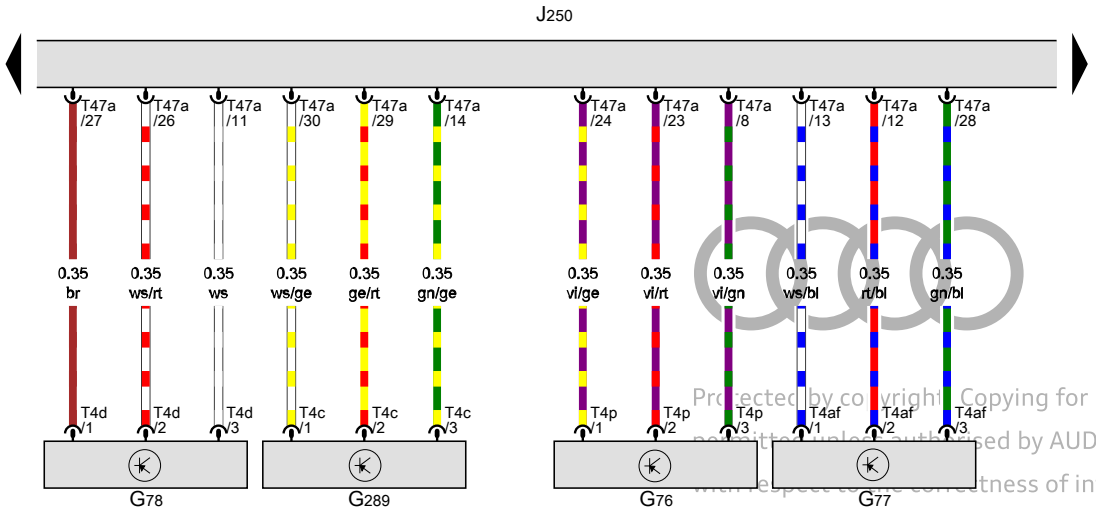
G341	Front left body acceleration sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3a	3-pin connector
T3b	3-pin connector
T3u	3-pin connector
T47a	47-pin connector



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

Rear left vehicle level sender, Rear right vehicle level sender, Front left vehicle level sender, Front right vehicle level sender, Electronically controlled damping 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
J250	Electronically controlled damping control unit
T4af	4-pin connector
T4c	4-pin connector
T4d	4-pin connector
T4p	4-pin connector
T47a	47-pin connector

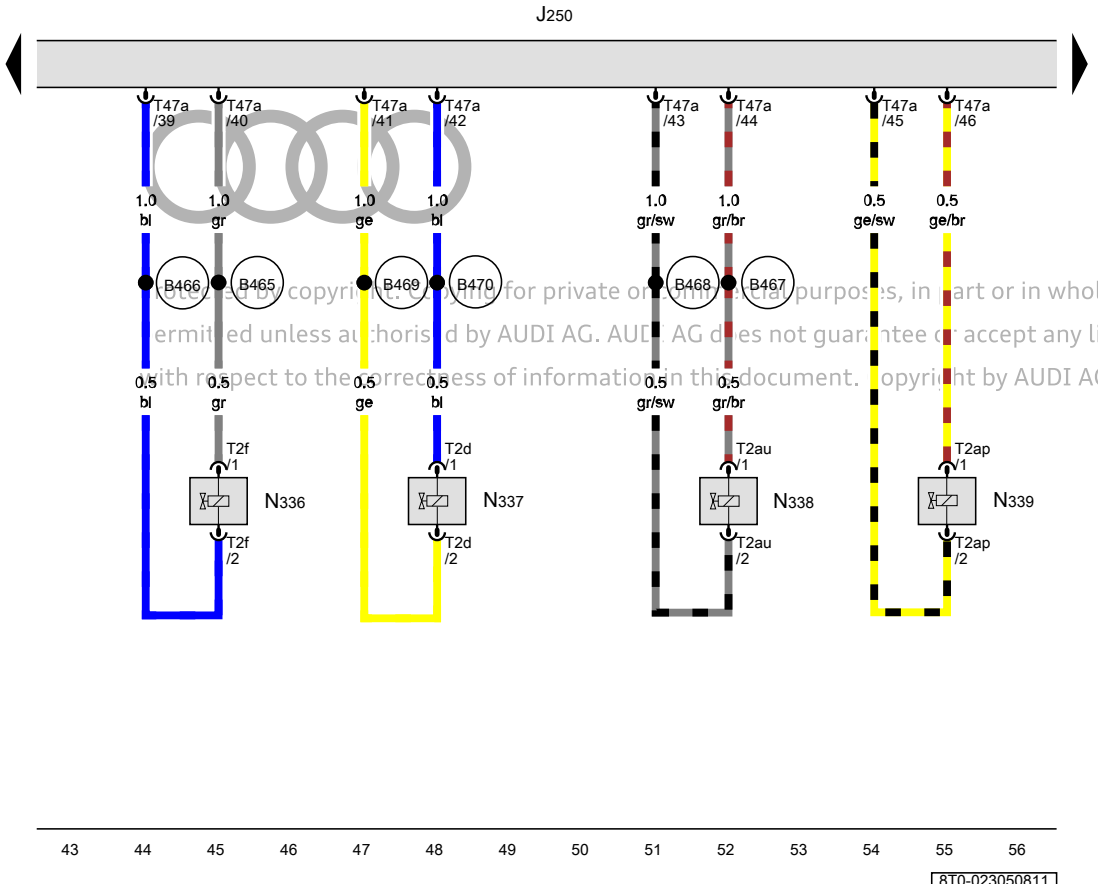


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rs	=	pink

Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear 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
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2ap	2-pin connector
T2au	2-pin connector
T2d	2-pin connector
T2f	2-pin connector
T47a	47-pin connector
B465	Connection 1, in main wiring harness
B466	Connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness



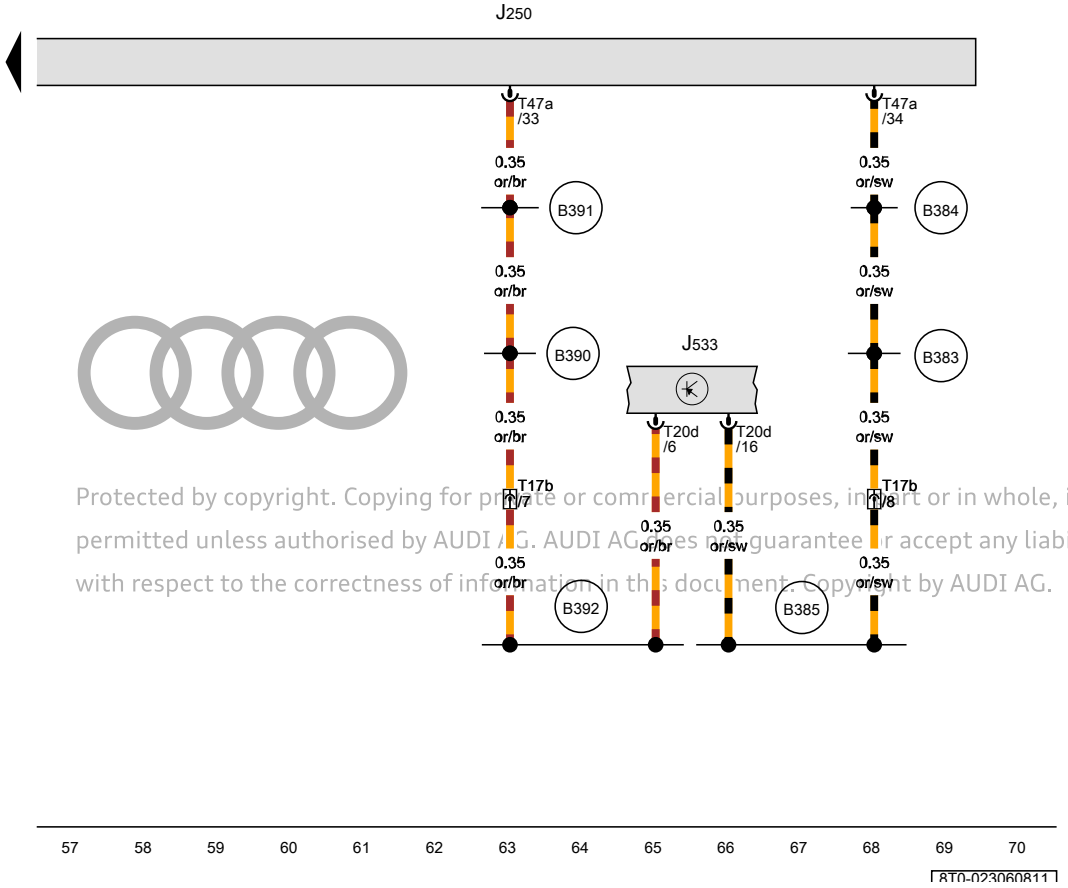
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Electronically controlled damping control unit, Data bus diagnostic interface

J250 Electronically controlled damping control unit
J533 Data bus diagnostic interface
T17b 17-pin connector, blue
T20d 20-pin connector
T47a 47-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
B385 Connection 3 (powertrain CAN bus, high), in main wiring harness
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
B392 Connection 3 (powertrain CAN bus, low), in main wiring harness

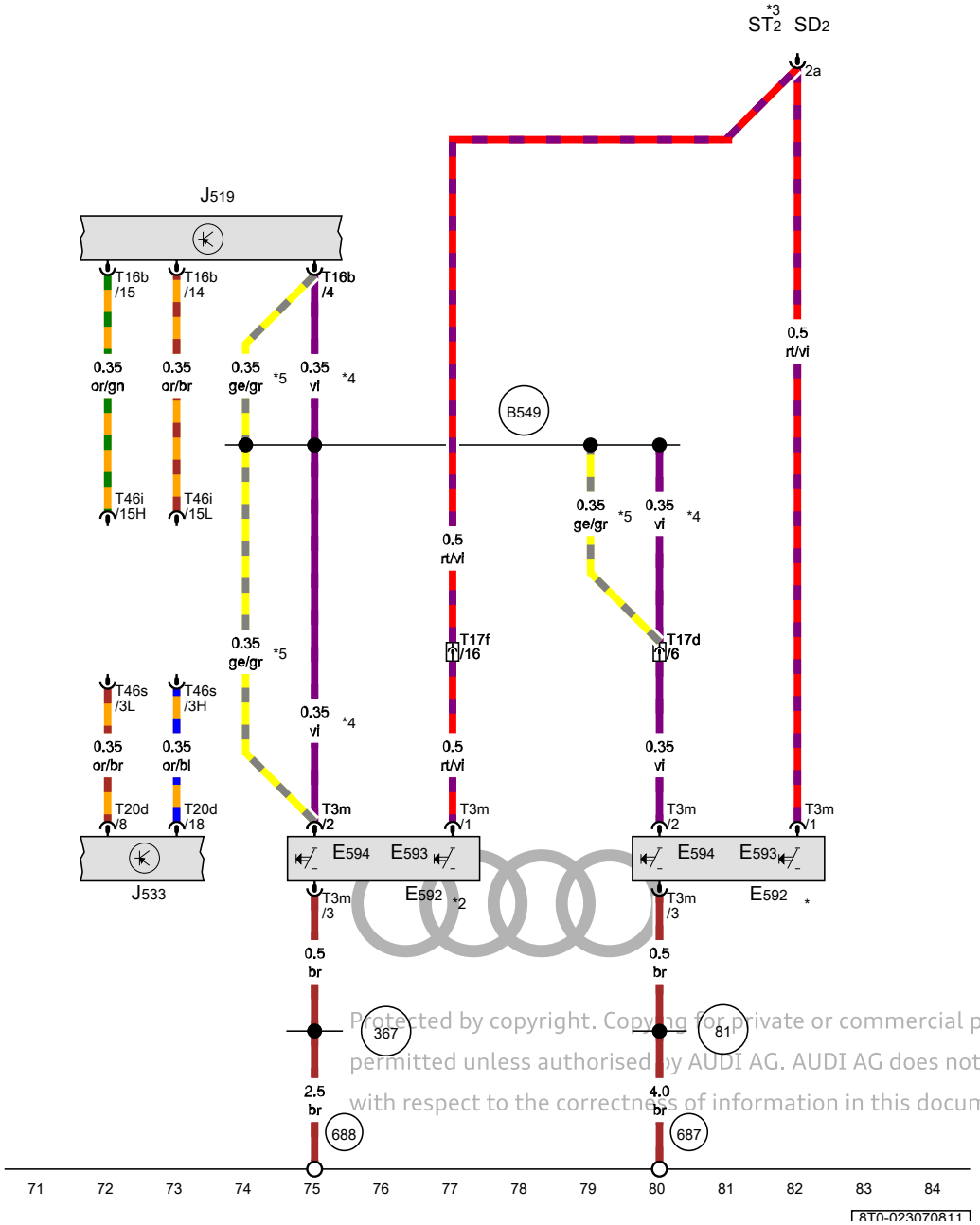


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Switch module for driving mode selection, Onboard supply control unit, Data bus diagnostic interface

E592	Switch module for driving mode selection
E593	Button 1 in switch module for driving mode selection
E594	Button 2 in switch module for driving mode selection
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SD2	Fuse 2 on fuse holder D
ST2	Fuse carrier 2
T3m	3-pin connector
T16b	16-pin connector
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T20d	20-pin connector
T46i	46-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B549	Connection 2 (LIN bus) in main wiring harness
*	Only models with navigation system
*2	Only models with no navigation system
*3	see applicable current flow diagram for fuse assignment
*4	Gradually discontinued
*5	gradual introduction



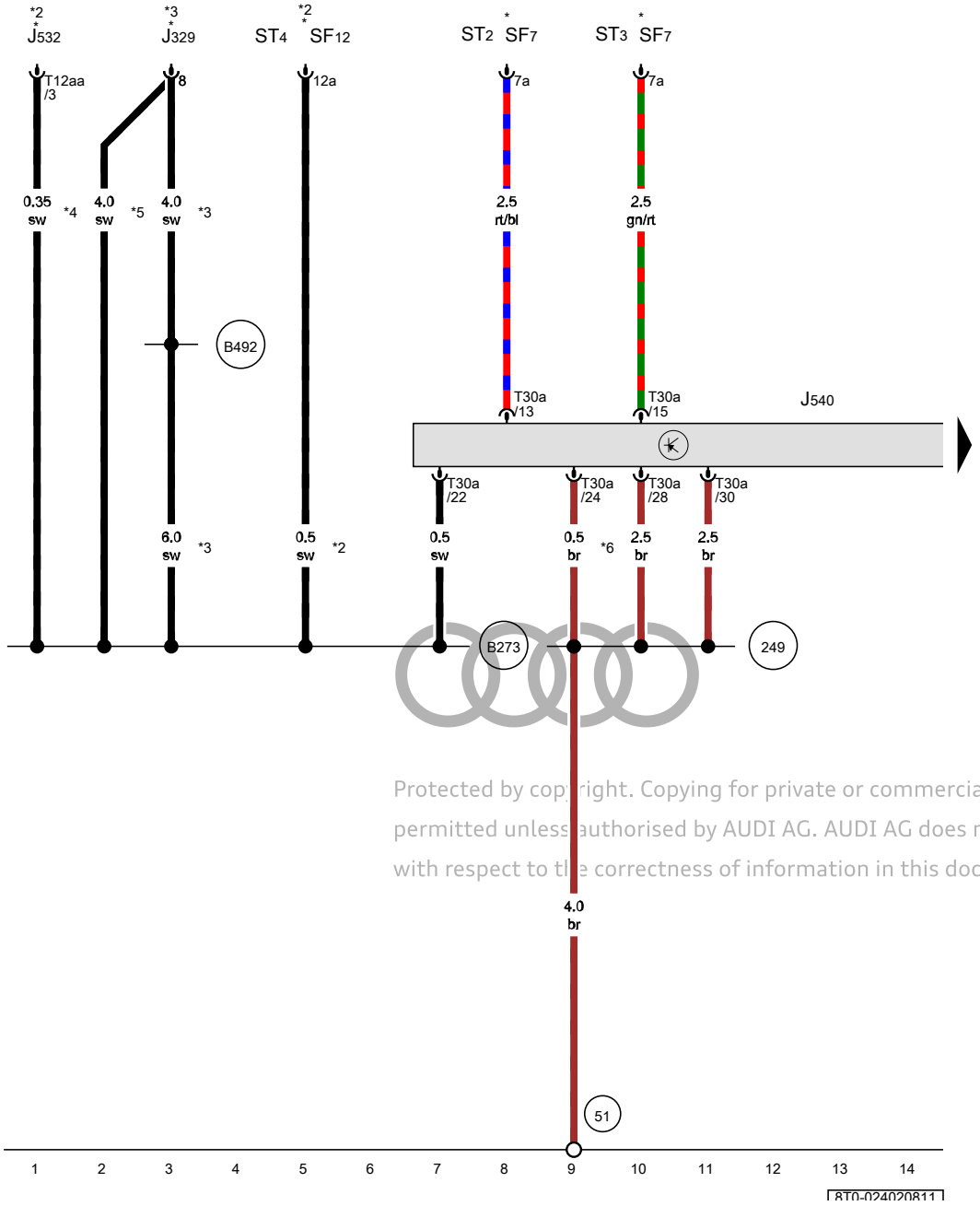
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Electromechanical parking brake

From June 2007

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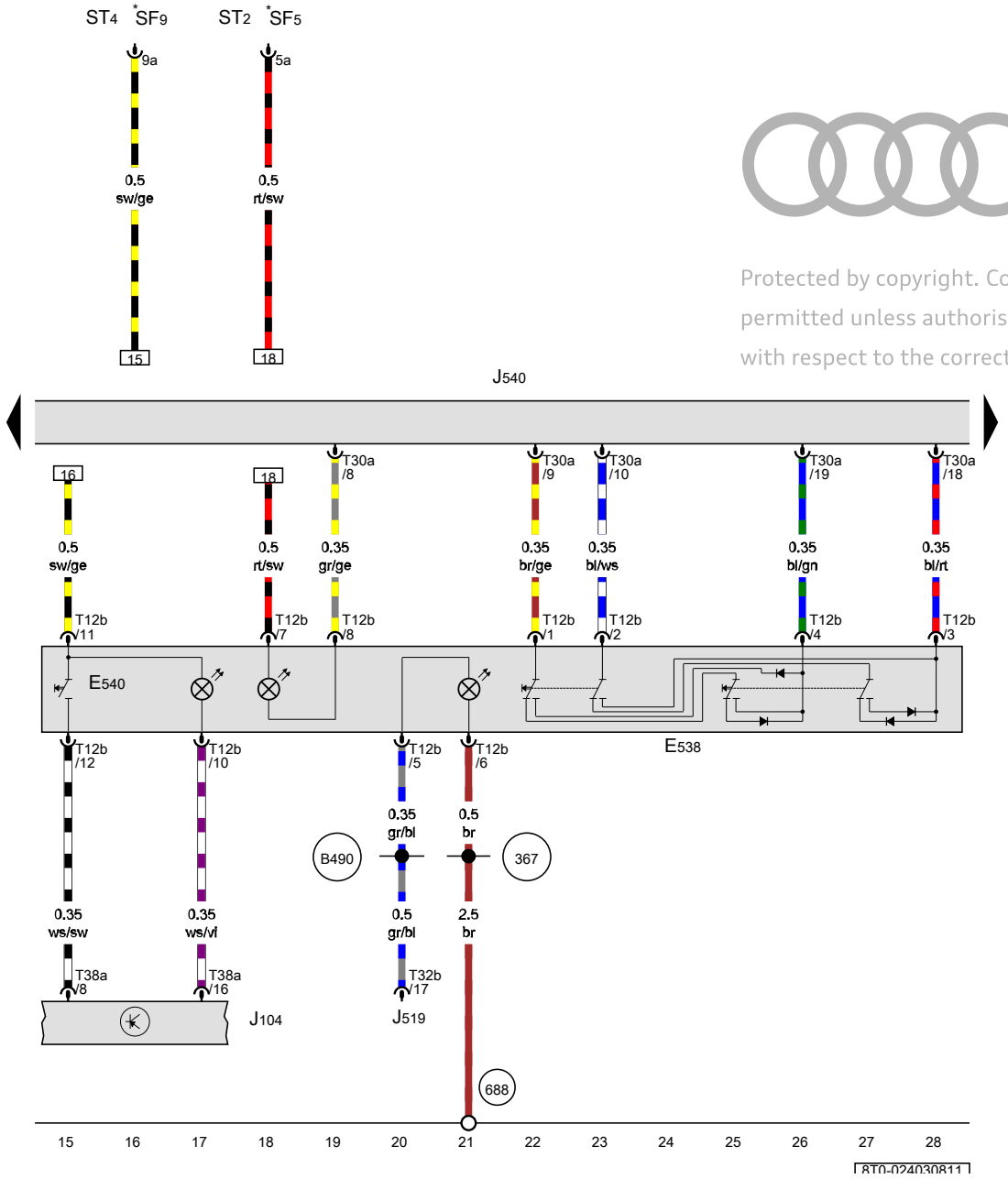
Control unit for electromechanical parking brake

J329	Terminal 15 voltage supply relay
J532	Voltage stabiliser
J540	Control unit for electromechanical parking brake
ST2	Fuse carrier 2
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12aa	12-pin connector
T30a	30-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009
*4	Only models with stop/start system
*5	Up to August 2007
*6	Gradually discontinued

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or	=	orange
rs	=	pink

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



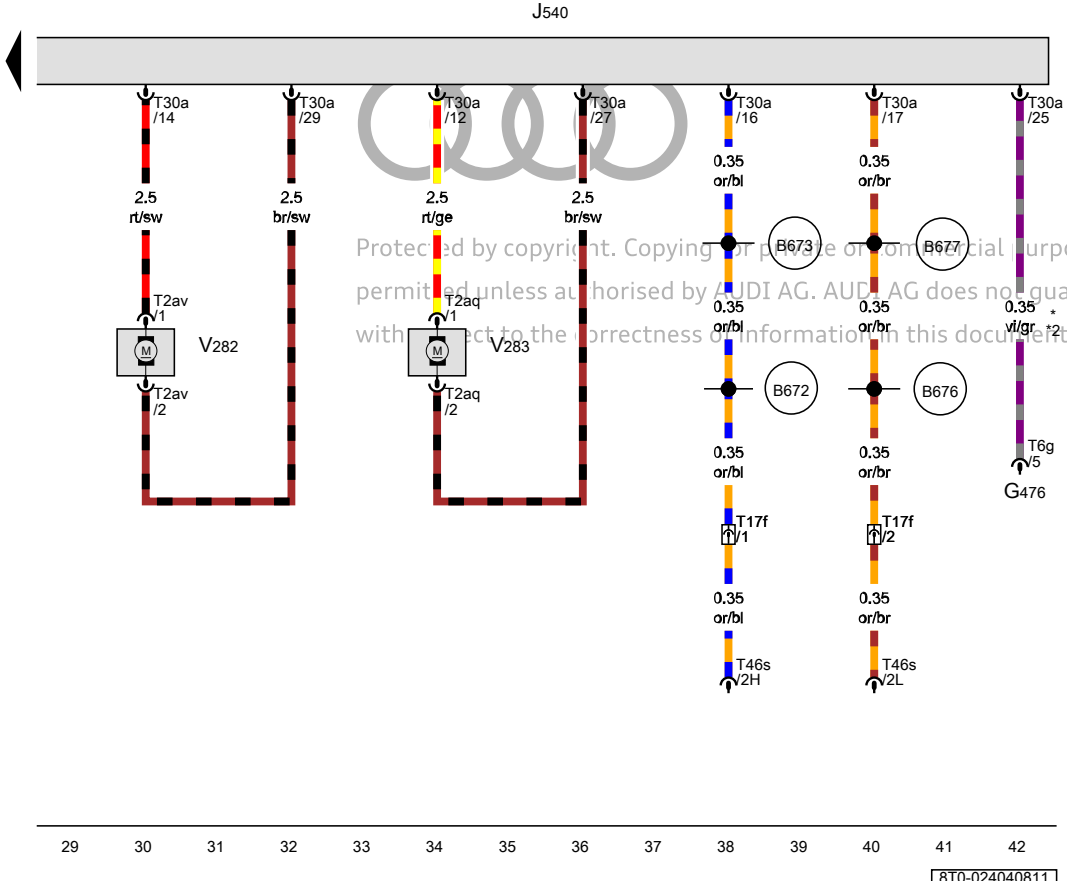
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E538	Electromechanical parking brake button
E540	Auto-hold button
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF5	Fuse 5 in fuse holder F
SF9	Fuse 9 in fuse holder F
T12b	12-pin connector
T30a	30-pin connector
T32b	32-pin connector
T38a	38-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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

Control unit for electromechanical parking brake, Left parking brake motor, Right parking brake motor, Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness, Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

G476	Clutch position sender
J540	Control unit for electromechanical parking brake
T2aq	2-pin connector
T2av	2-pin connector
T6g	6-pin connector
T17f	17-pin connector, brown
T30a	30-pin connector
T46s	46-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine



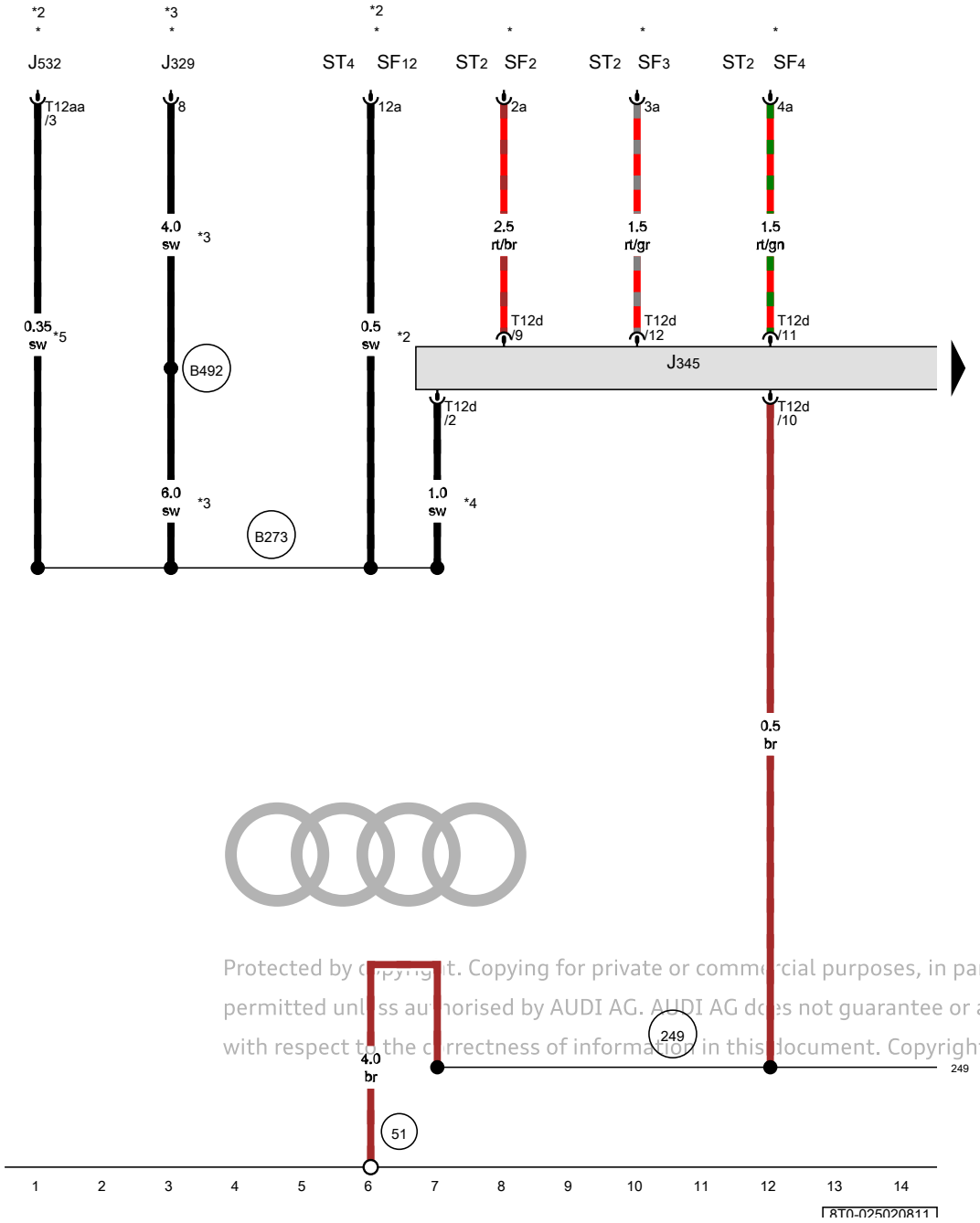
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Trailer coupling

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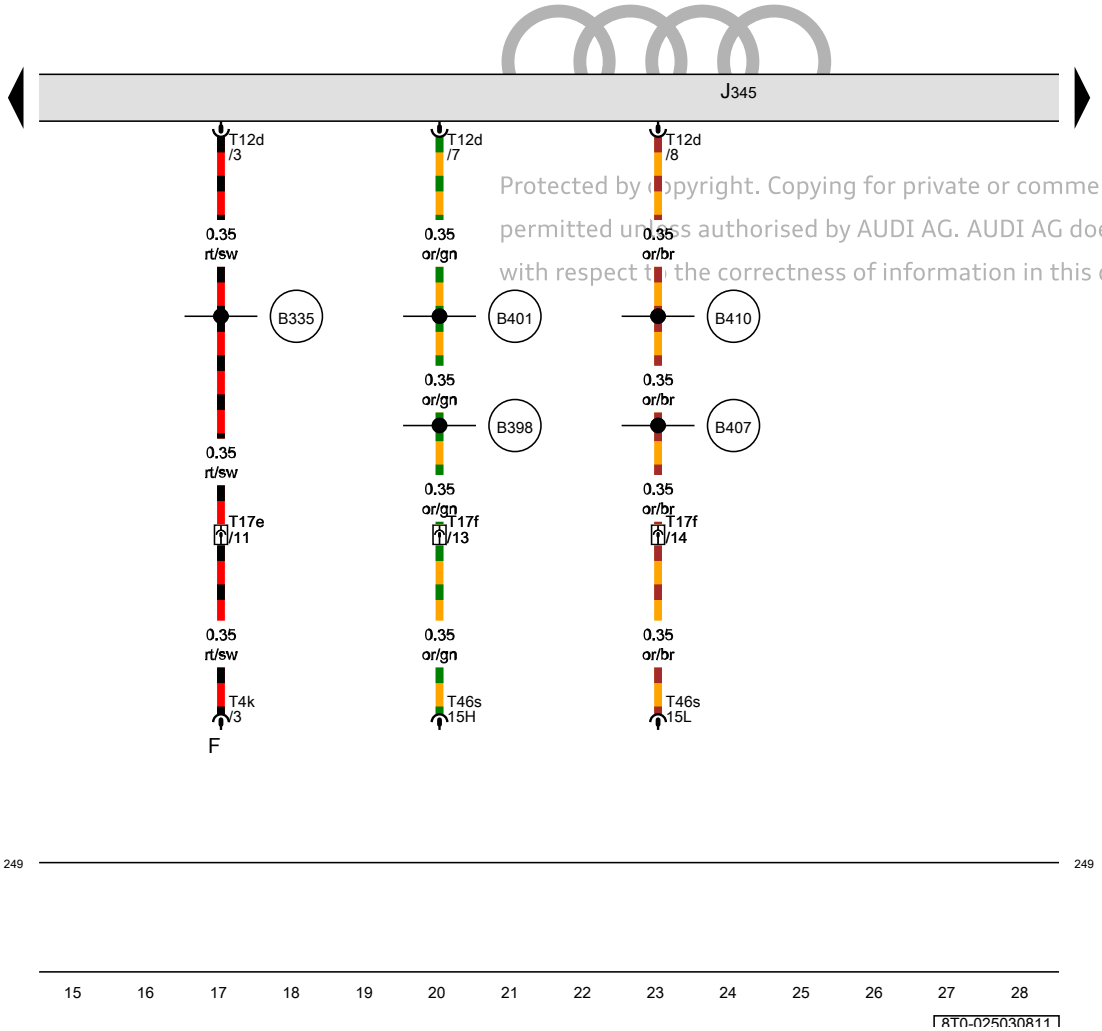


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Terminal 15 voltage supply relay, Trailer detector control unit, Voltage stabiliser, Fuse carrier 2, Fuse carrier 4

J329	Terminal 15 voltage supply relay
J345	Trailer detector control unit
J532	Voltage stabiliser
ST2	Fuse carrier 2
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12aa	12-pin connector
T12d	12-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009
*4	Cross section depends on equipment
*5	Only models with stop/start system



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Trailer detector control unit

F	Brake light switch
J345	Trailer detector control unit
T4k	4-pin connector
T12d	12-pin connector
T17e	17-pin connector
T17f	17-pin connector
T46s	46-pin connector
249	Earth connection 2, in interior wiring harness
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness

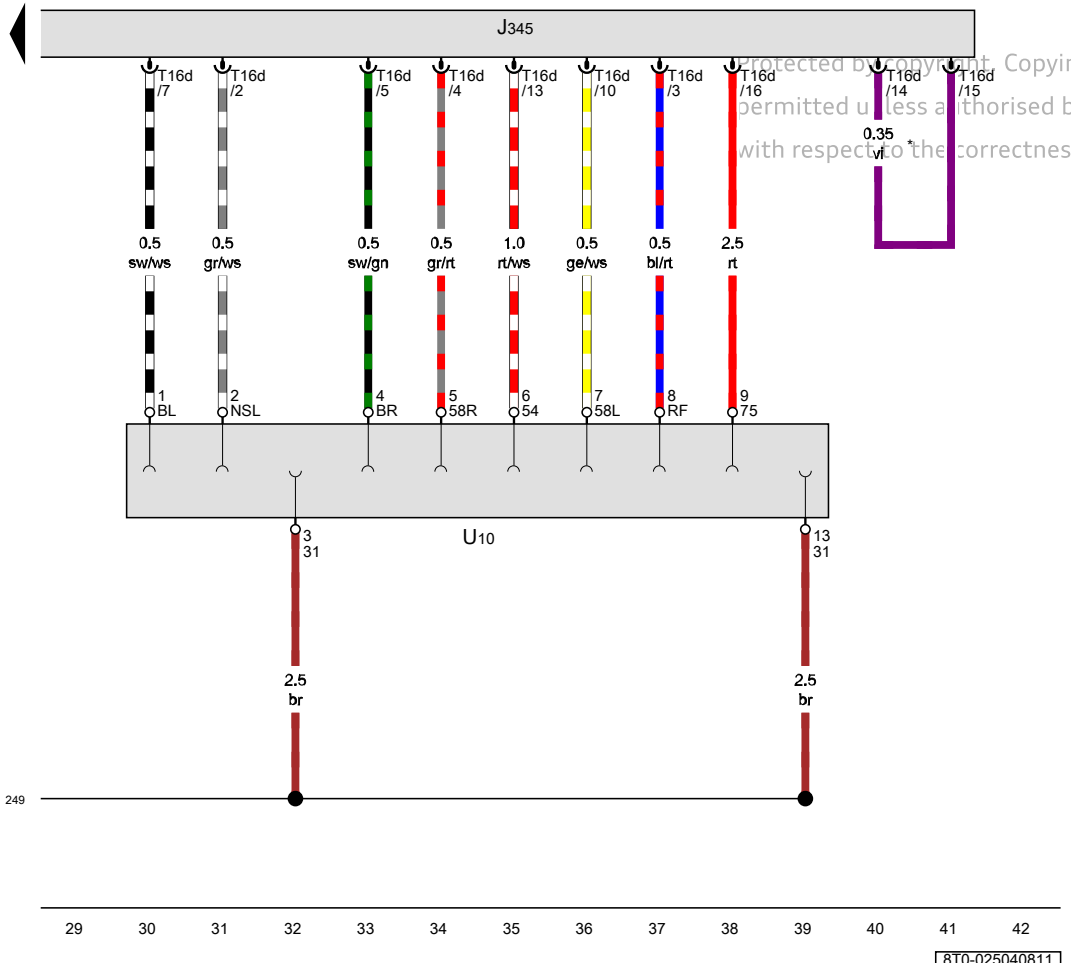
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or	=	orange
rs	=	pink

Trailer detector control unit, Trailer socket

J345 Trailer detector control unit
T16d 16-pin connector
U10 Trailer socket

249 Earth connection 2, in interior wiring harness

* From November 2009



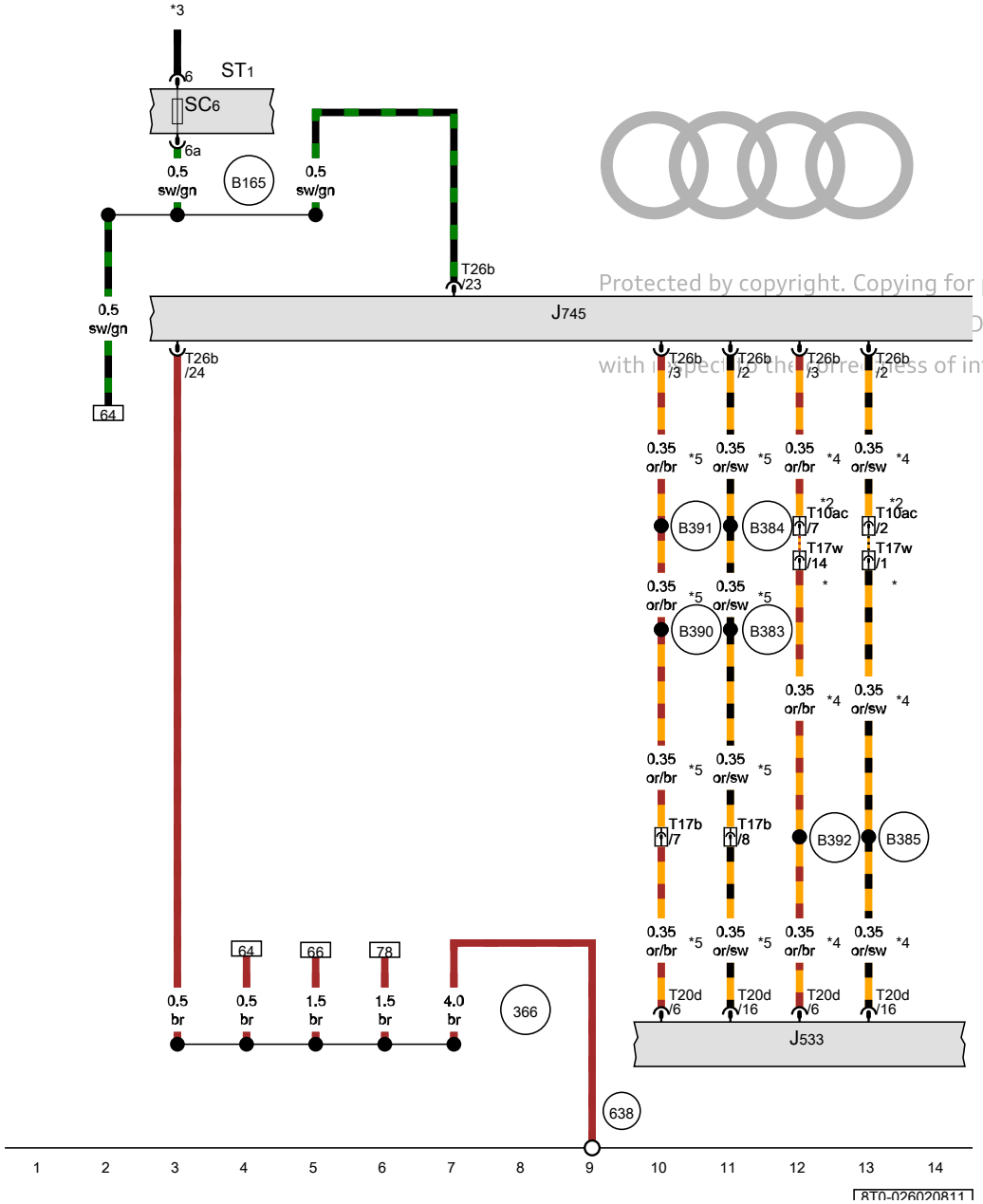
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Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light

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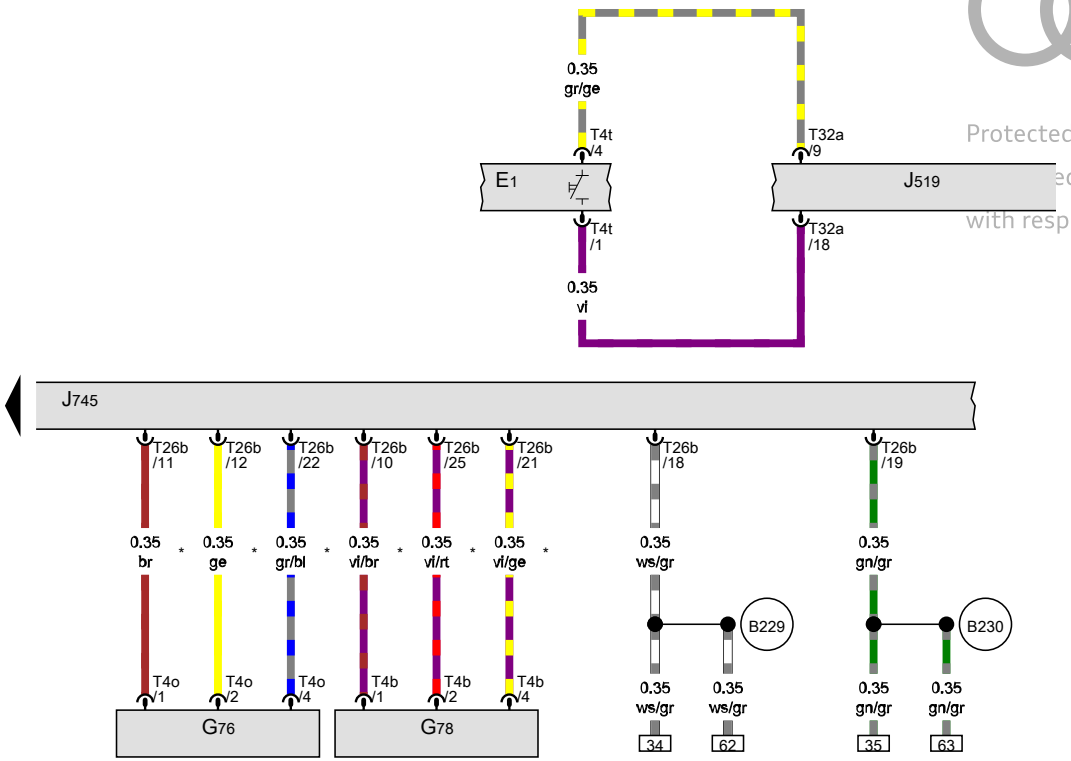


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Control unit for cornering light and headlight range control

J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
T10ac	10-pin connector, grey
T17b	17-pin connector, blue
T17w	17-pin connector, white
T20d	20-pin connector
T26b	26-pin connector
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B165	Positive connection 2 (15), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
*	From May 2009
*2	Up to April 2009
*3	see applicable current flow diagram for fuse assignment
*4	Gradual introduction during model year 2008
*5	Gradually discontinued



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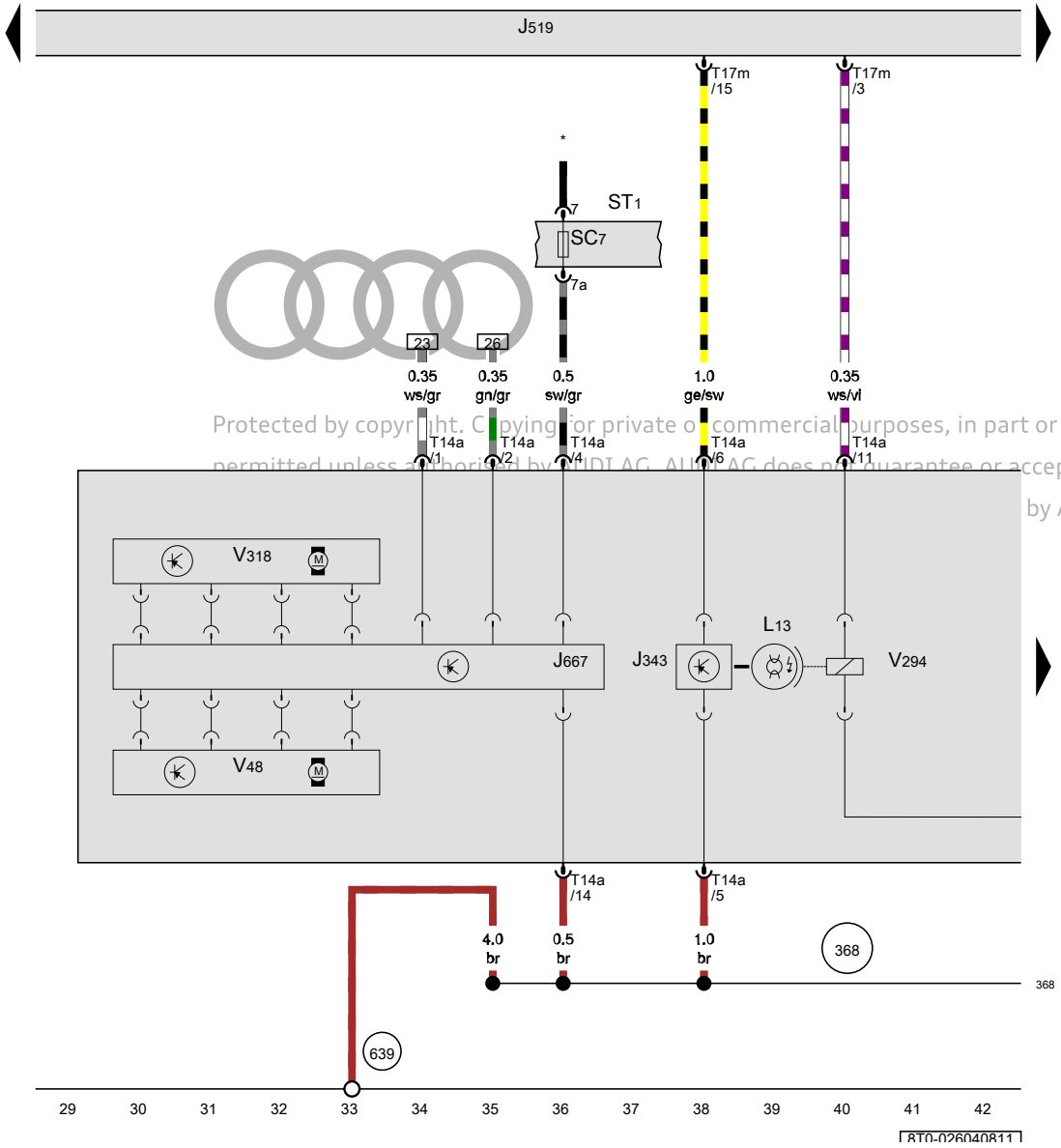
Light switch, Rear left vehicle level sender, Onboard supply control unit, Control unit for cornering light and headlight range control

E1	Light switch
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
T4b	4-pin connector
T4o	4-pin connector
T4t	4-pin connector
T26b	26-pin connector
T32a	32-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with no adaptive suspension

15 16 17 18 19 20 21 22 23 24 25 26 27 28

8T0-0260308111

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ro	=	red
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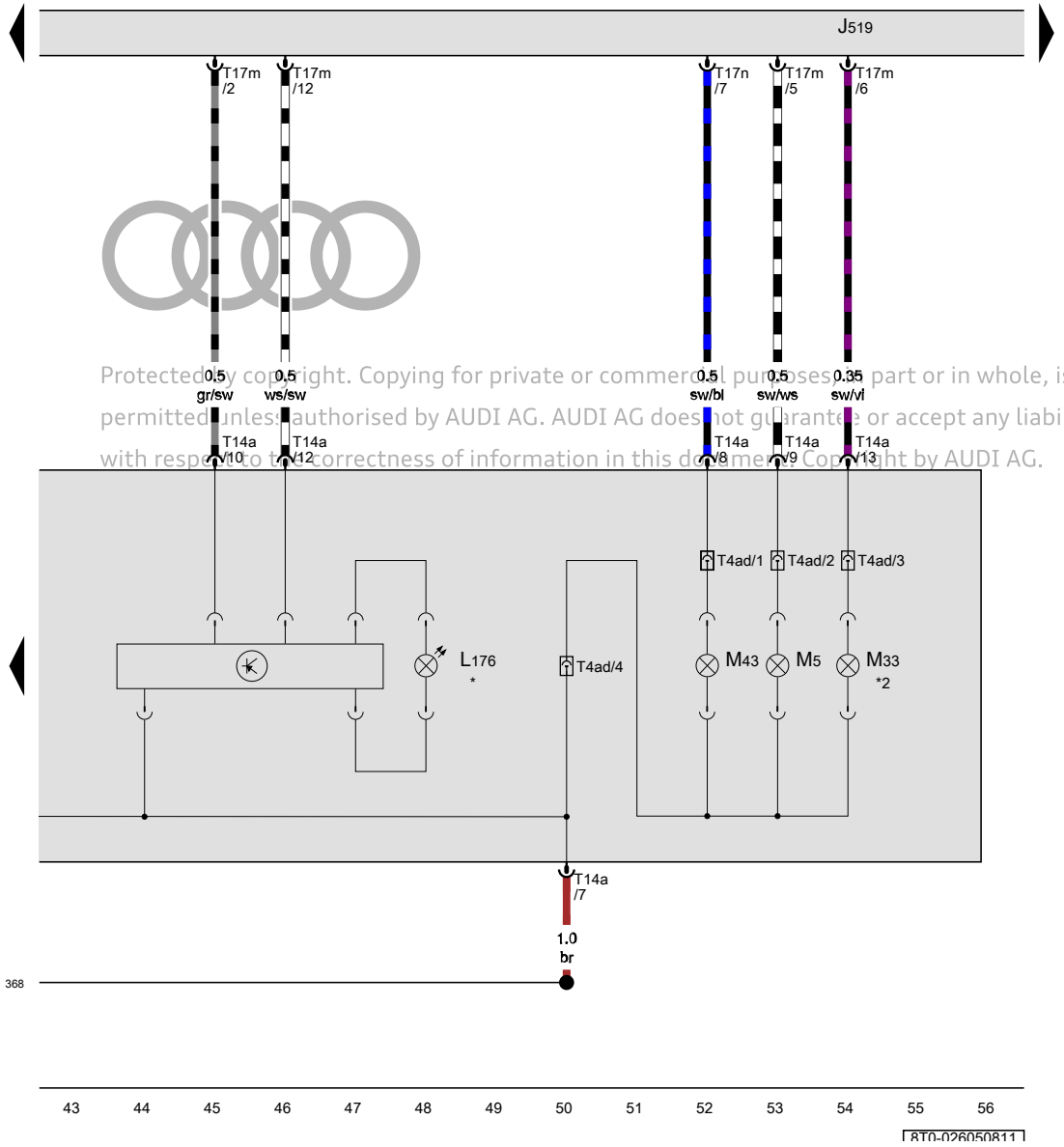
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rs = pink

Onboard supply control unit, Output module for left headlight, Left gas discharge (xenon) bulb, Left headlight range control motor, Left dip beam screen motor, Left dynamic cornering light control motor

J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Output module for left headlight
L13	Left gas discharge (xenon) bulb
ST1	Fuse carrier 1
SC7	Fuse 7 on fuse holder C
T14a	14-pin connector
T17m	17-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment

Onboard supply control unit, Left LED module for daytime running light and side light, Front left turn signal bulb, Left parking light bulb

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
M43	Left parking light bulb
T4ad	4-pin connector, in left headlight
T14a	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
368	Earth connection 3, in main wiring harness
*	Only models with daytime running lights
*2	Only models with US equipment

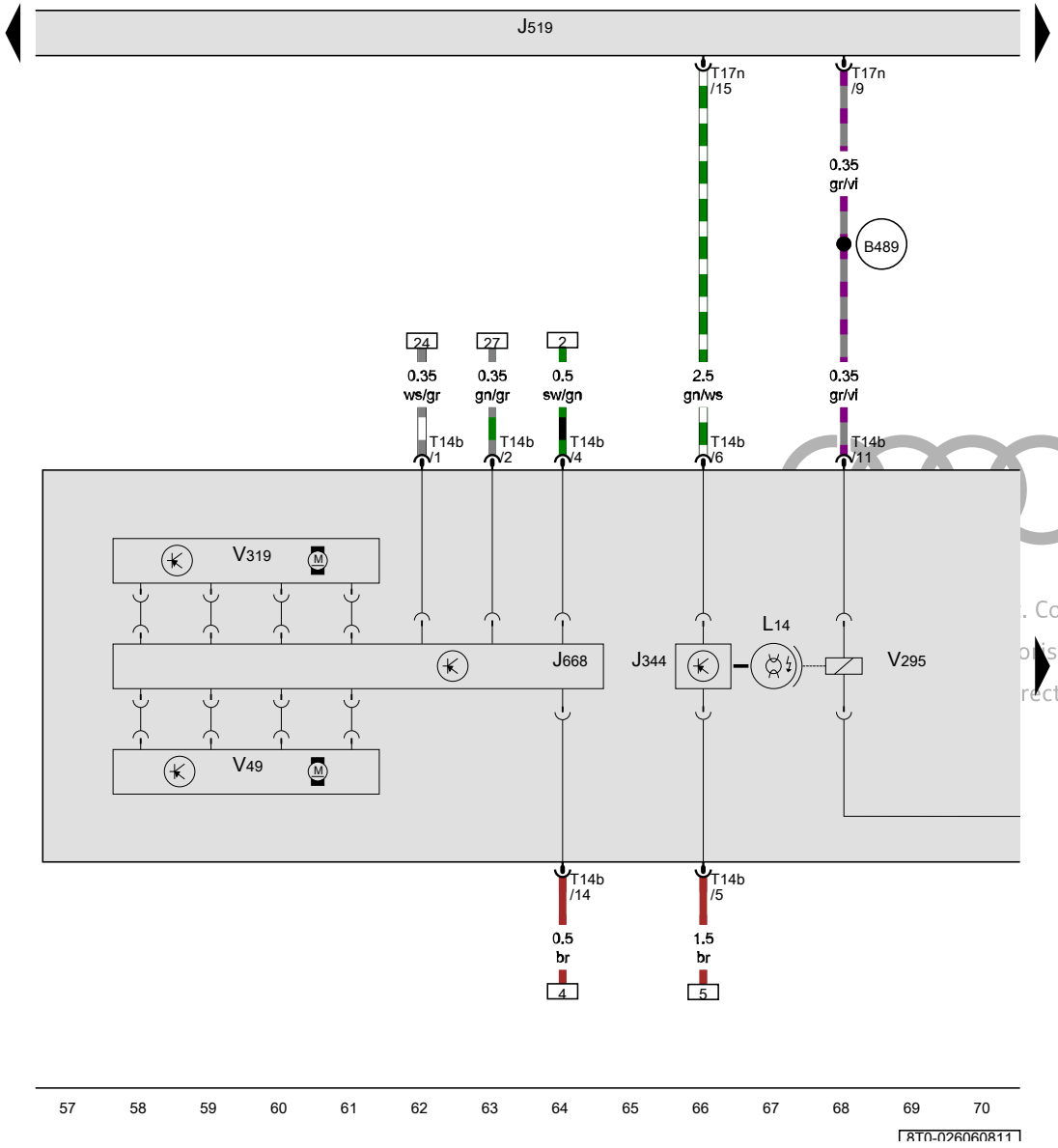


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Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Right gas discharge (xenon) bulb, Right headlight range control motor, Right dip beam screen motor, Right dynamic cornering light control motor

J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Output module for right headlight
L14	Right gas discharge (xenon) bulb
T14b	14-pin connector
T17n	17-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
B489	Connection 25, in main wiring harness

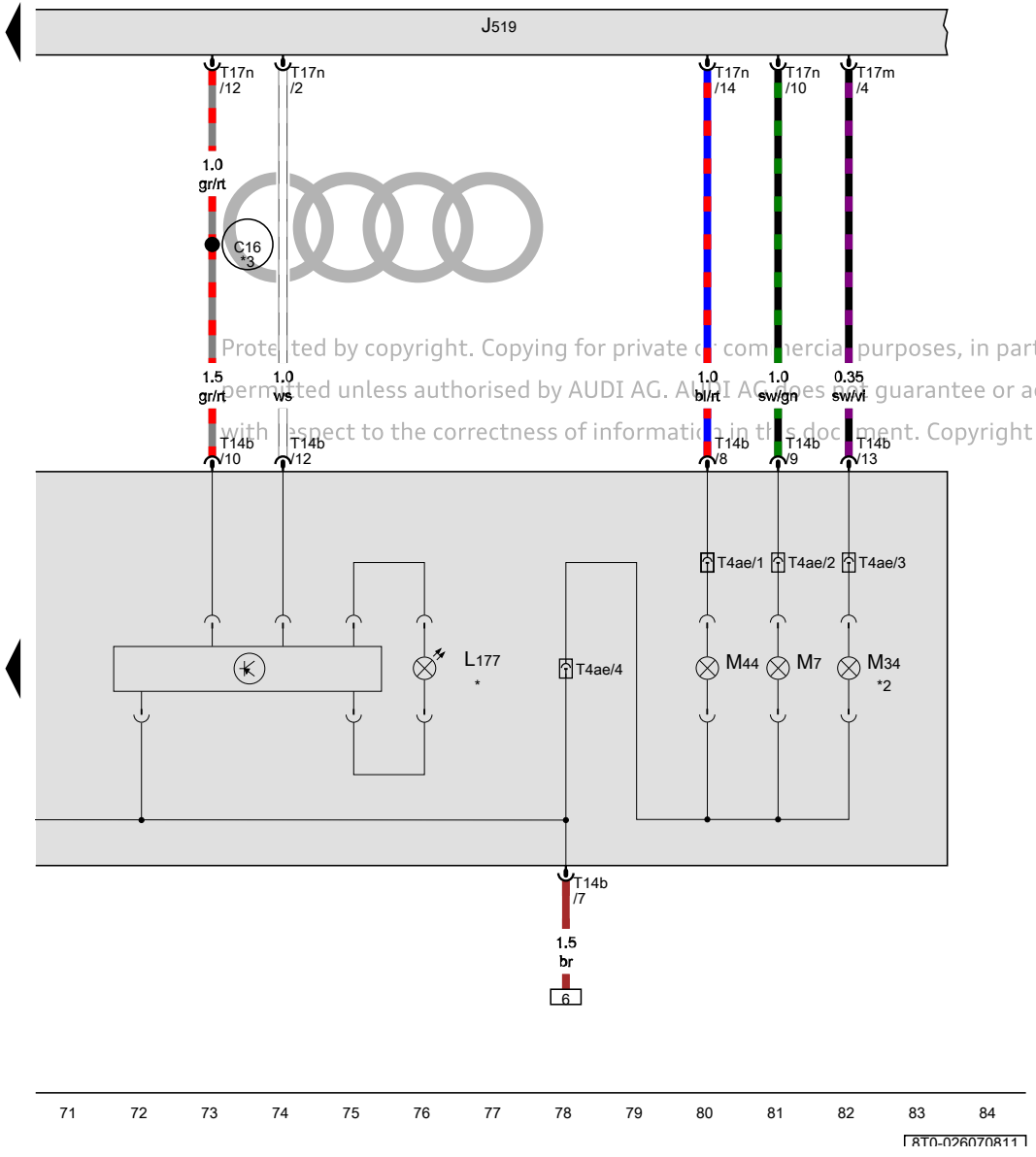


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Onboard supply control unit, Front right turn signal bulb, Right parking light bulb

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
M44	Right parking light bulb
T4ae	4-pin connector, in right headlight
T14b	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
C16	Connection 2, in headlight wiring harness
*	Only models with daytime running lights
*2	Only models with US equipment
*3	gradual introduction



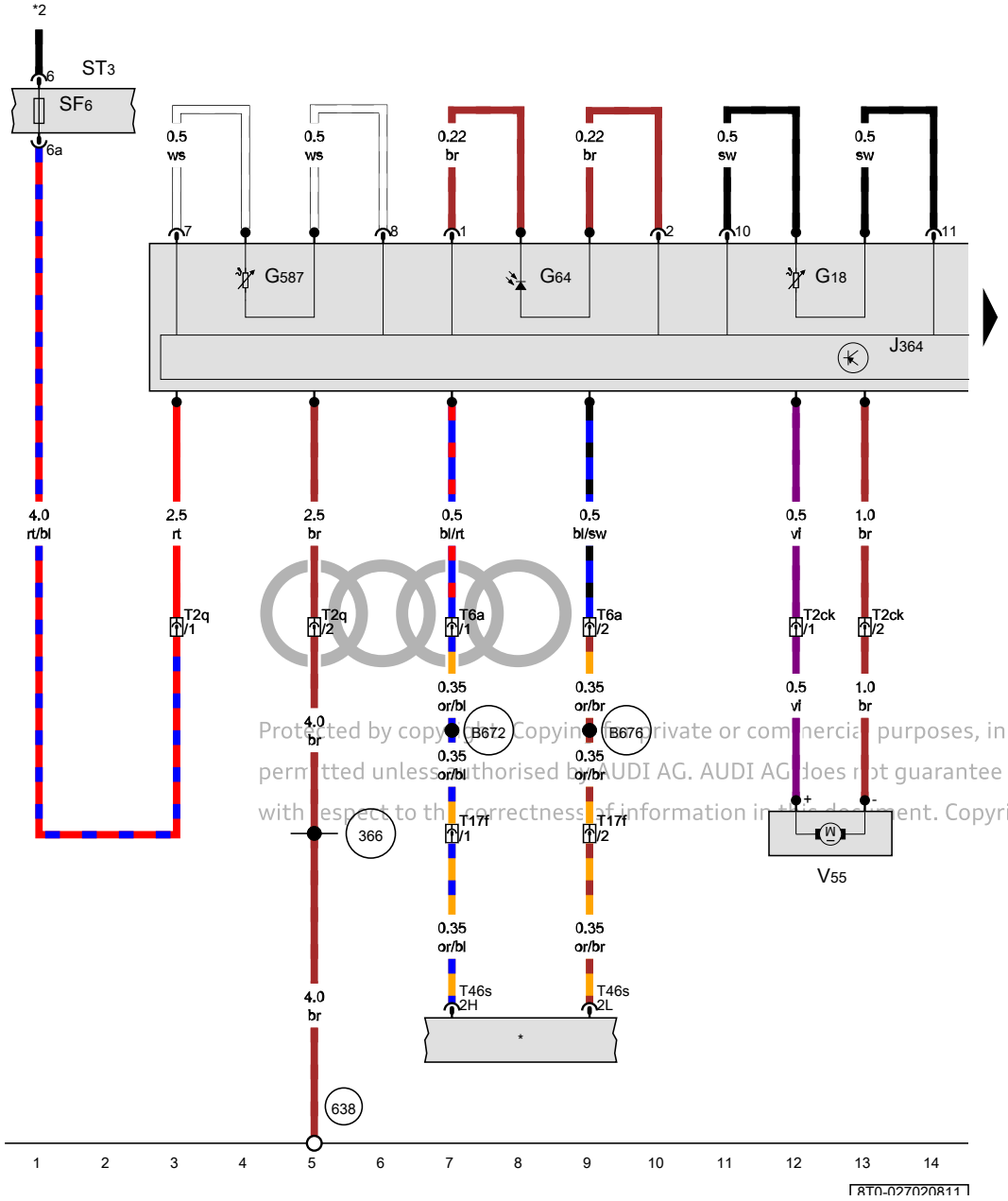
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Auxiliary heater

From June 2007

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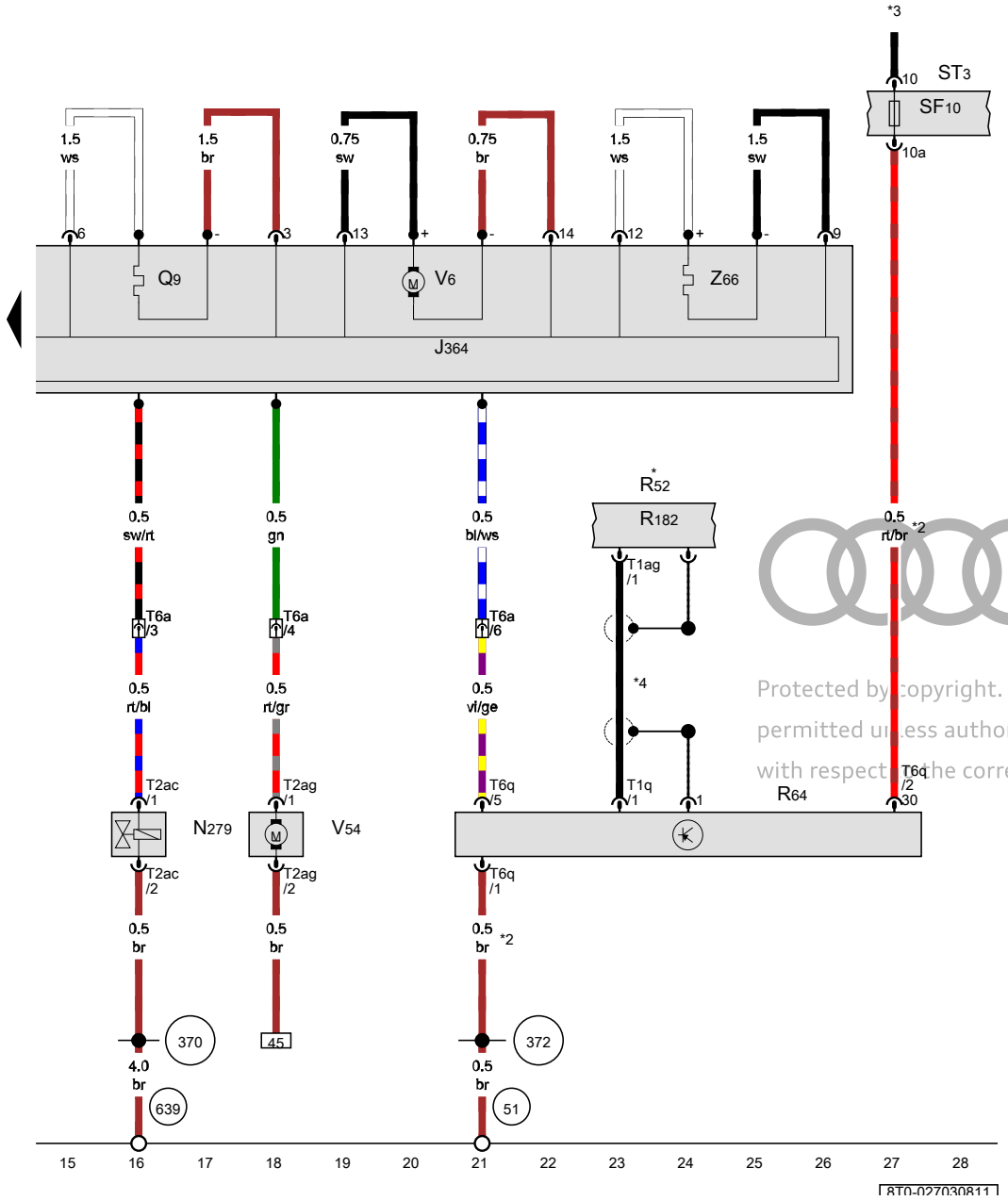
Auxiliary heater control unit, Circulation pump

G18	Temperature sensor
G64	Flame monitor
G587	Temperature sensor 2 for supplementary and auxiliary heating
J364	Auxiliary heater control unit
ST3	Fuse carrier 3
SF6	Fuse 6 in fuse holder F
T2ck	2-pin connector
T2q	2-pin connector
T6a	6-pin connector
T17f	17-pin connector
T46s	46-pin connector
V55	Circulation pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment

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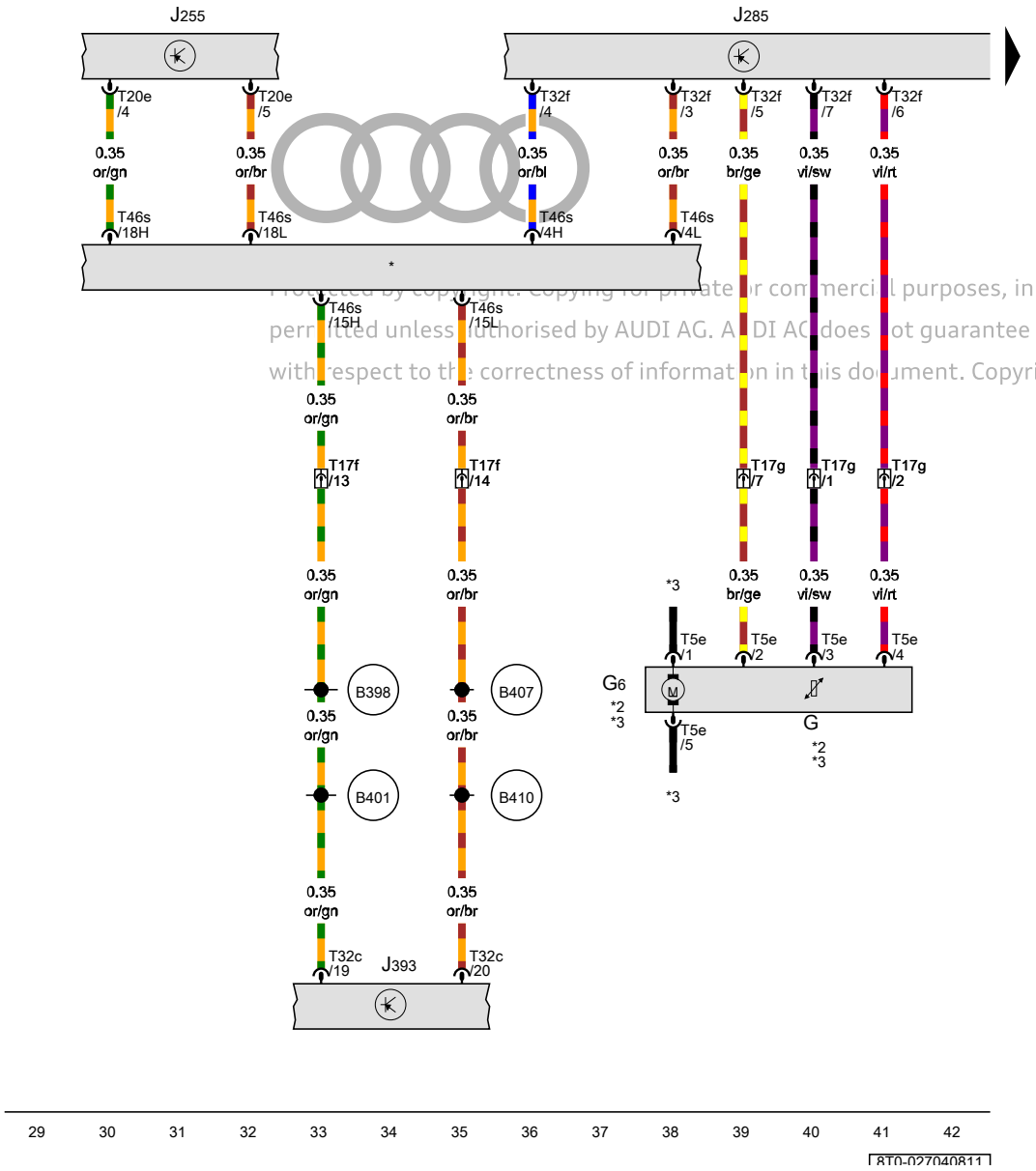
Auxiliary heater control unit, Remote control receiver for auxiliary heater, Auxiliary heater aerial

J364	Auxiliary heater control unit
N279	Heater coolant shut-off valve
Q9	Glow plug for heater
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R182	Auxiliary heater aerial
ST3	Fuse carrier 3
SF10	Fuse 10 in fuse holder F
T1ag	Single connector
T1q	Single connector
T2ac	2-pin connector
T2ag	2-pin connector
T6a	6-pin connector
T6q	6-pin connector
V6	Combustion air blower
V54	Metering pump
Z66	Fuel pre-heating heater element
51	Earth point, on right in luggage compartment
370	Earth connection 5, in main wiring harness
372	Earth connection 7, in main wiring harness
639	Earth point, left A-pillar
*	According to equipment
*2	Cross section depends on equipment
*3	see applicable current flow diagram for fuse assignment
*4	Adapter wire



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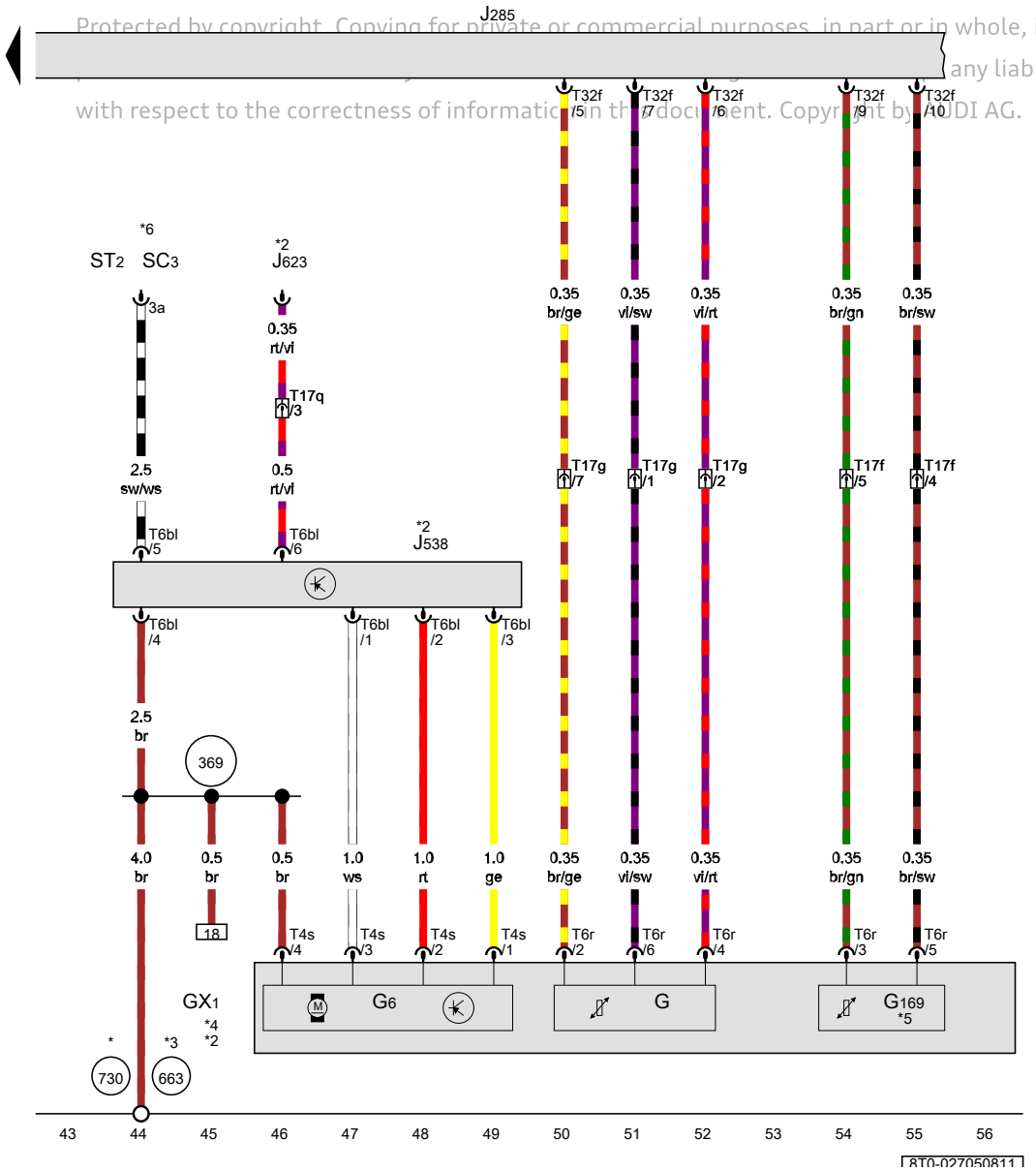
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Fuel gauge sender, Fuel system pressurisation pump

G	Fuel gauge sender
G6	Fuel system pressurisation pump
J255	Climatronic control unit
J285	Control unit in dash panel insert
J393	Convenience system central control unit
T5e	5-pin connector
T17f	17-pin connector
T17g	17-pin connector
T20e	20-pin connector
T32c	32-pin connector
T32f	32-pin connector
T46s	46-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram
*2	Gradually discontinued
*3	see applicable current flow diagram for engine

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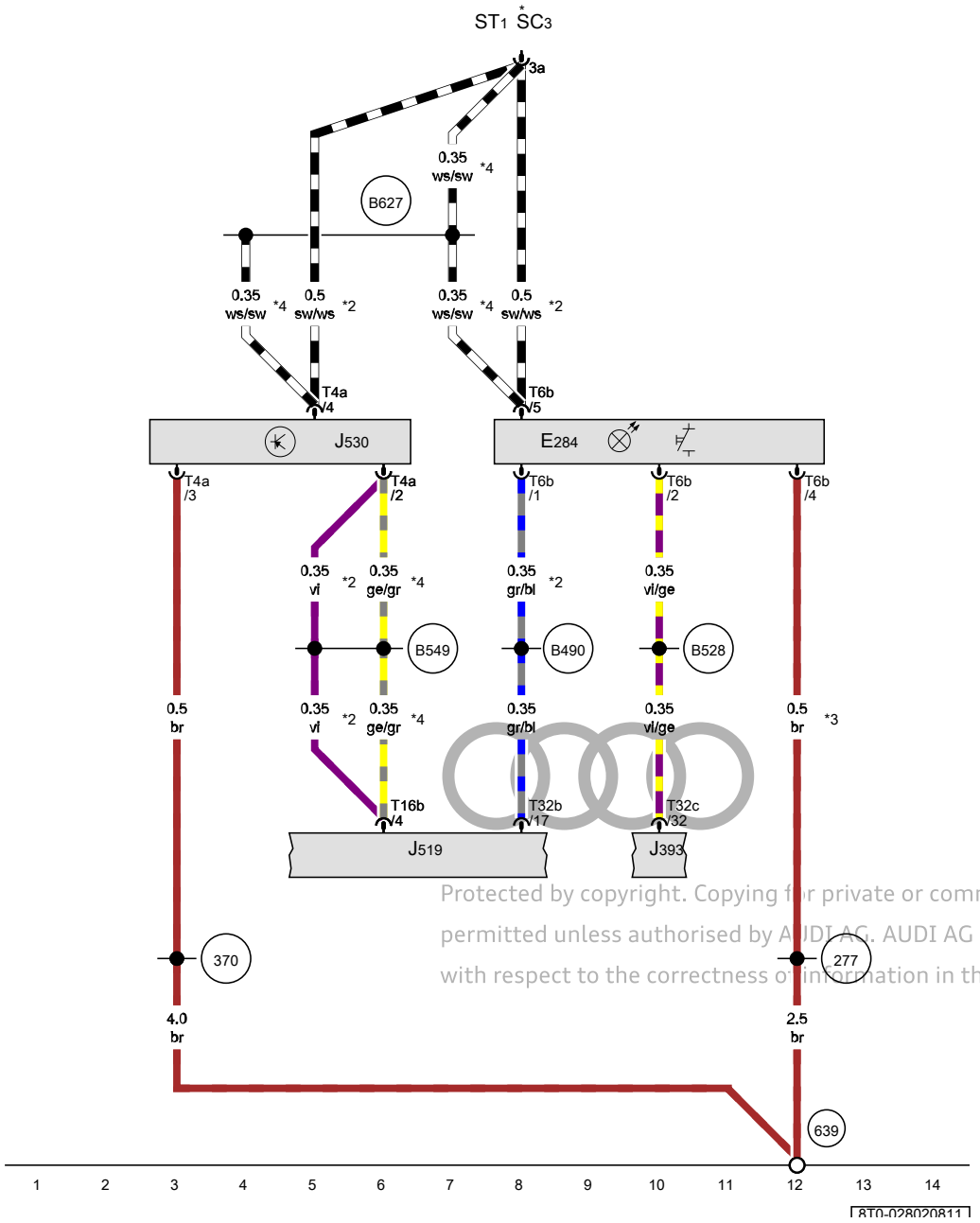
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel gauge sender 2, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
J623	Engine control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T17q	17-pin connector
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	see applicable current flow diagram for engine
*3	Only models with 2-doors
*4	gradual introduction
*5	Only models with all-wheel drive
*6	see applicable current flow diagram for fuse assignment

Garage door opener

From June 2007

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Garage door operating unit, Garage door operation control unit

E284	Garage door operating unit
J393	Convenience system central control unit
J519	Onboard supply control unit
J530	Garage door operation control unit
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T4a	4-pin connector
T6b	6-pin connector
T16b	16-pin connector
T32b	32-pin connector
T32c	32-pin connector
277	Earth connection 3, in interior wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B490	Connection 26, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued
*3	Cross section depends on equipment
*4	gradual introduction

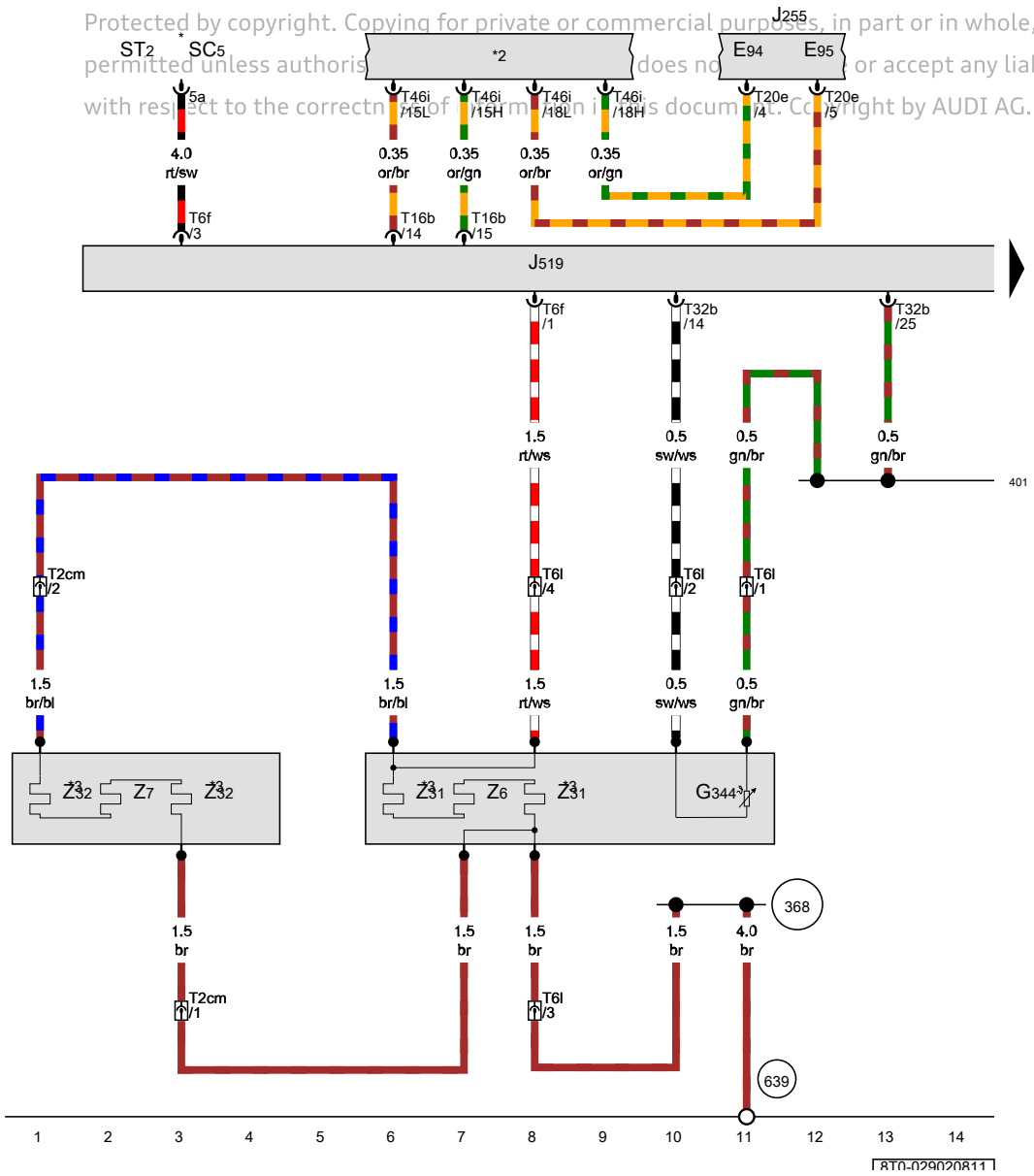
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Seat heating

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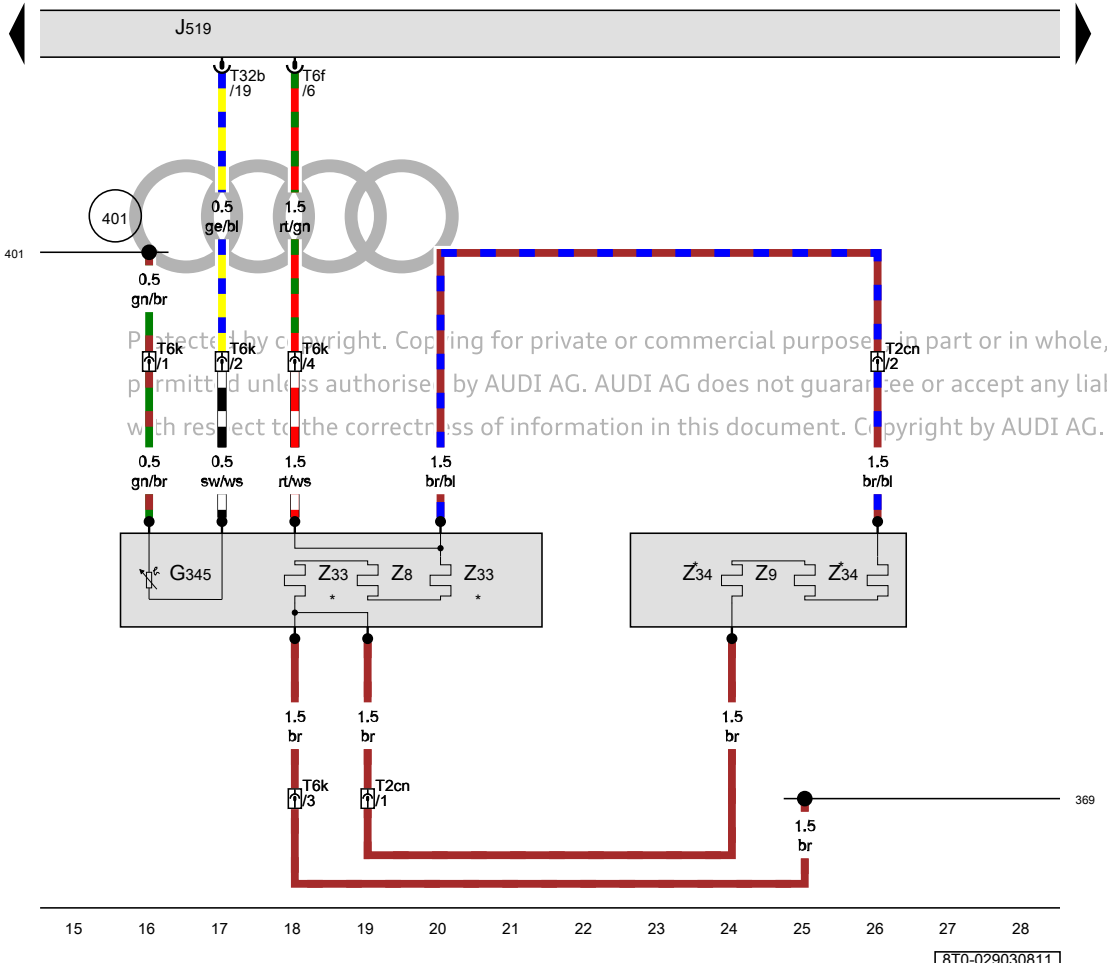
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Heated driver seat regulator, Heated front passenger seat regulator, Onboard supply control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
G344	Front left seat temperature sender
J255	Climatronic control unit
J519	Onboard supply control unit
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2cm	2-pin connector, in driver seat
T6f	6-pin connector
T6l	6-pin connector, green
T16b	16-pin connector
T20e	20-pin connector
T32b	32-pin connector
T46i	46-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
368	Earth connection 3, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	Only models with seat bolster heating

Onboard supply control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

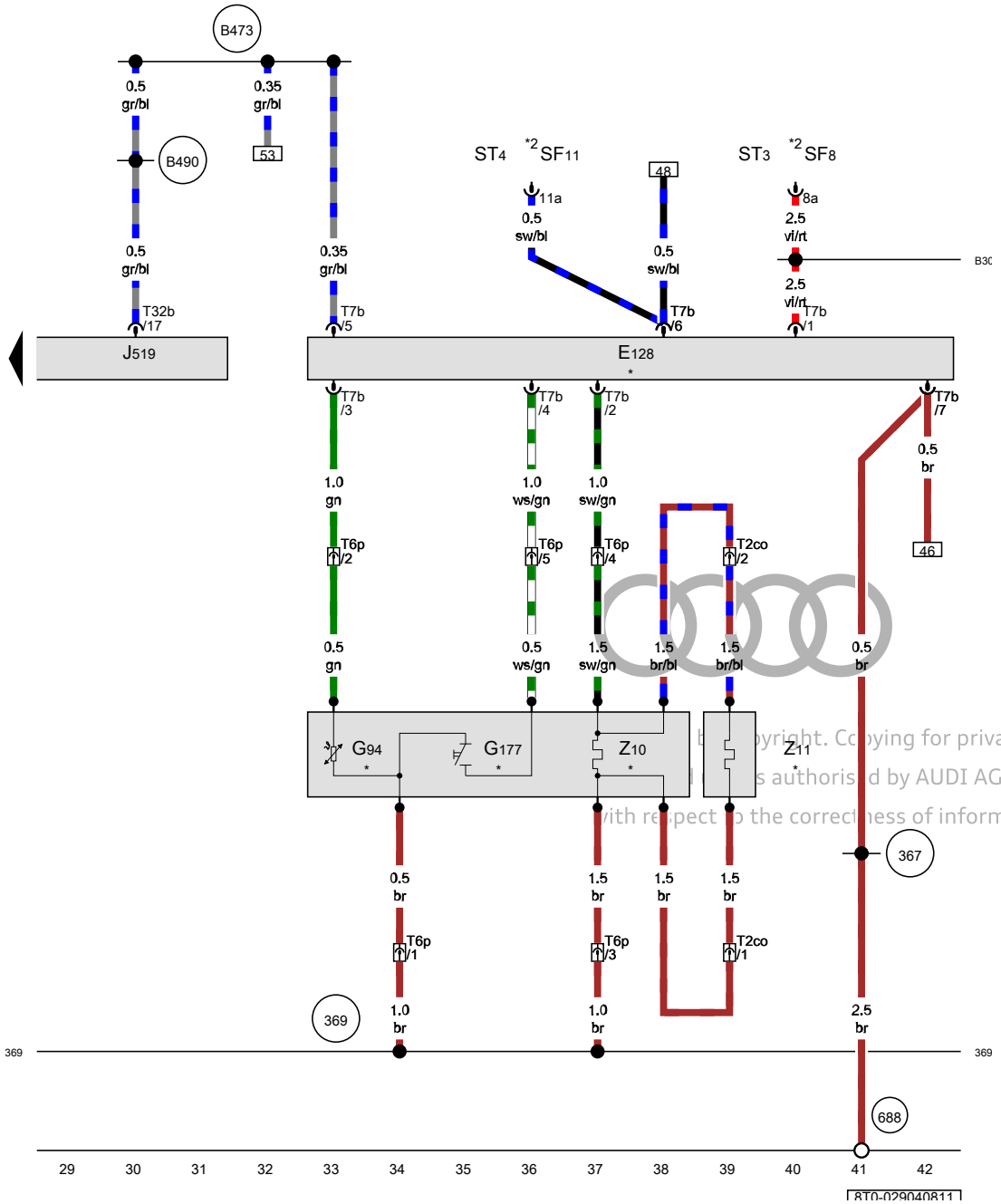
G345	Front right seat temperature sender
J519	Onboard supply control unit
T2cn	2-pin connector, in front passenger seat
T6f	6-pin connector
T6k	6-pin connector, green
T32b	32-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
Z33	Front passenger seat lateral support heater
Z34	Front passenger seat backrest lateral support heater
369	Earth connection 4, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
*	Only models with seat bolster heating



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Heated rear left seat switch with regulator, Onboard supply control unit, Heated bench seat cushion for rear left seat



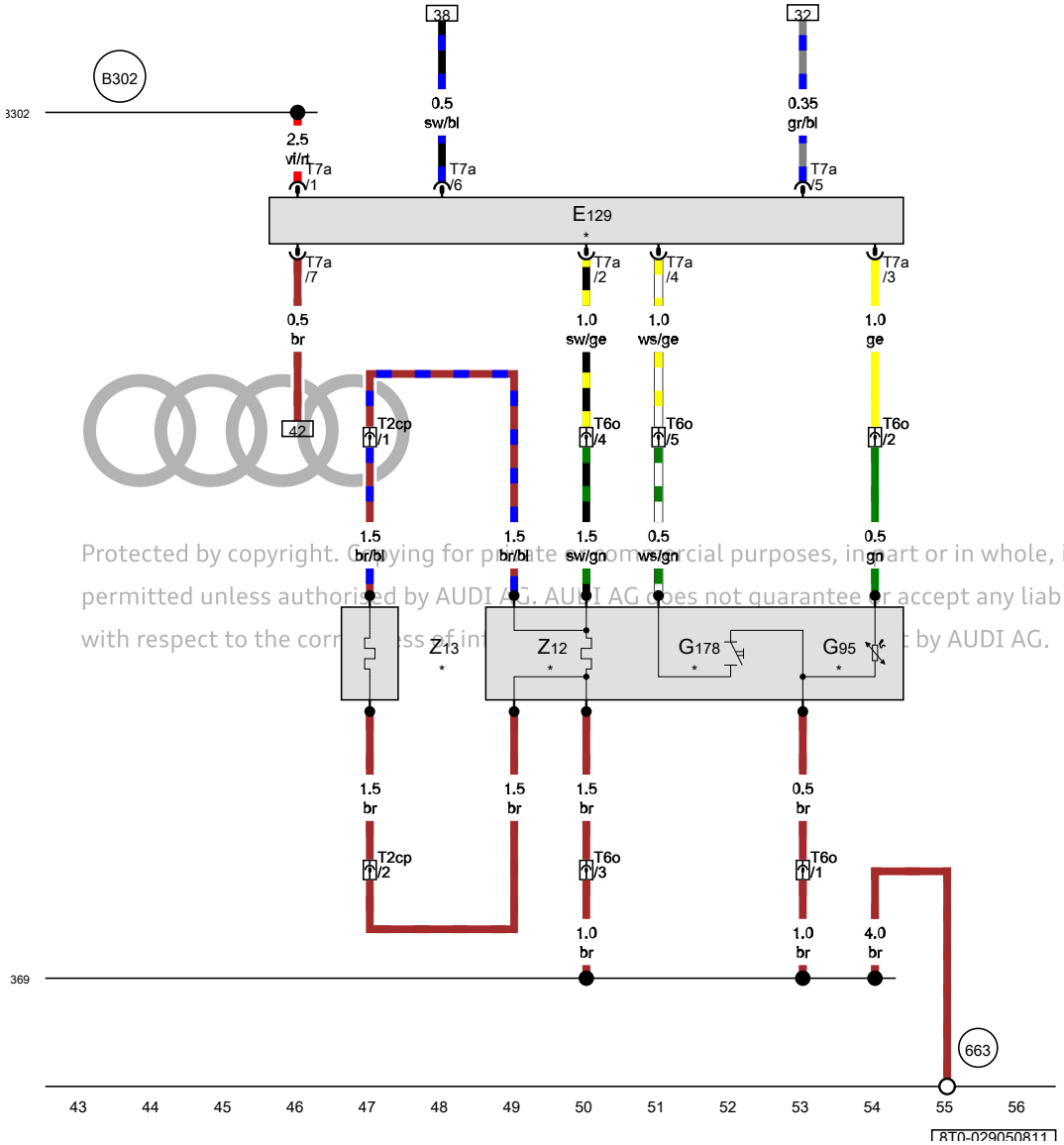
E128	Heated rear left seat switch with regulator
G94	Rear left seat temperature sensor
G177	Rear seat occupied sensor on driver side
J519	Onboard supply control unit
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF8	Fuse 8 in fuse holder F
SF11	Fuse 11 in fuse holder F
T2co	2-pin connector, under rear seat
T6p	6-pin connector, green
T7b	7-pin connector
T32b	32-pin connector
Z10	Heated bench seat cushion for rear left seat
Z11	Heated backrest for rear left seat
367	Earth connection 2, in main wiring harness
369	Earth connection 4, in main wiring harness
688	Earth point 2, on centre tunnel
B302	Positive connection 6 (30), in main wiring harness
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with heated rear seats
*2	see applicable current flow diagram for fuse assignment

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Heated rear right seat switch with regulator, Heated bench seat cushion for rear right seat

E129	Heated rear right seat switch with regulator
G95	Rear right seat temperature sensor
G178	Rear seat occupied sensor on front passenger side
T2cp	2-pin connector, under rear seat
T6o	6-pin connector, brown
T7a	7-pin connector
Z12	Heated bench seat cushion for rear right seat
Z13	Heated backrest for rear right seat
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
B302	Positive connection 6 (30), in main wiring harness
*	Only models with heated rear seats



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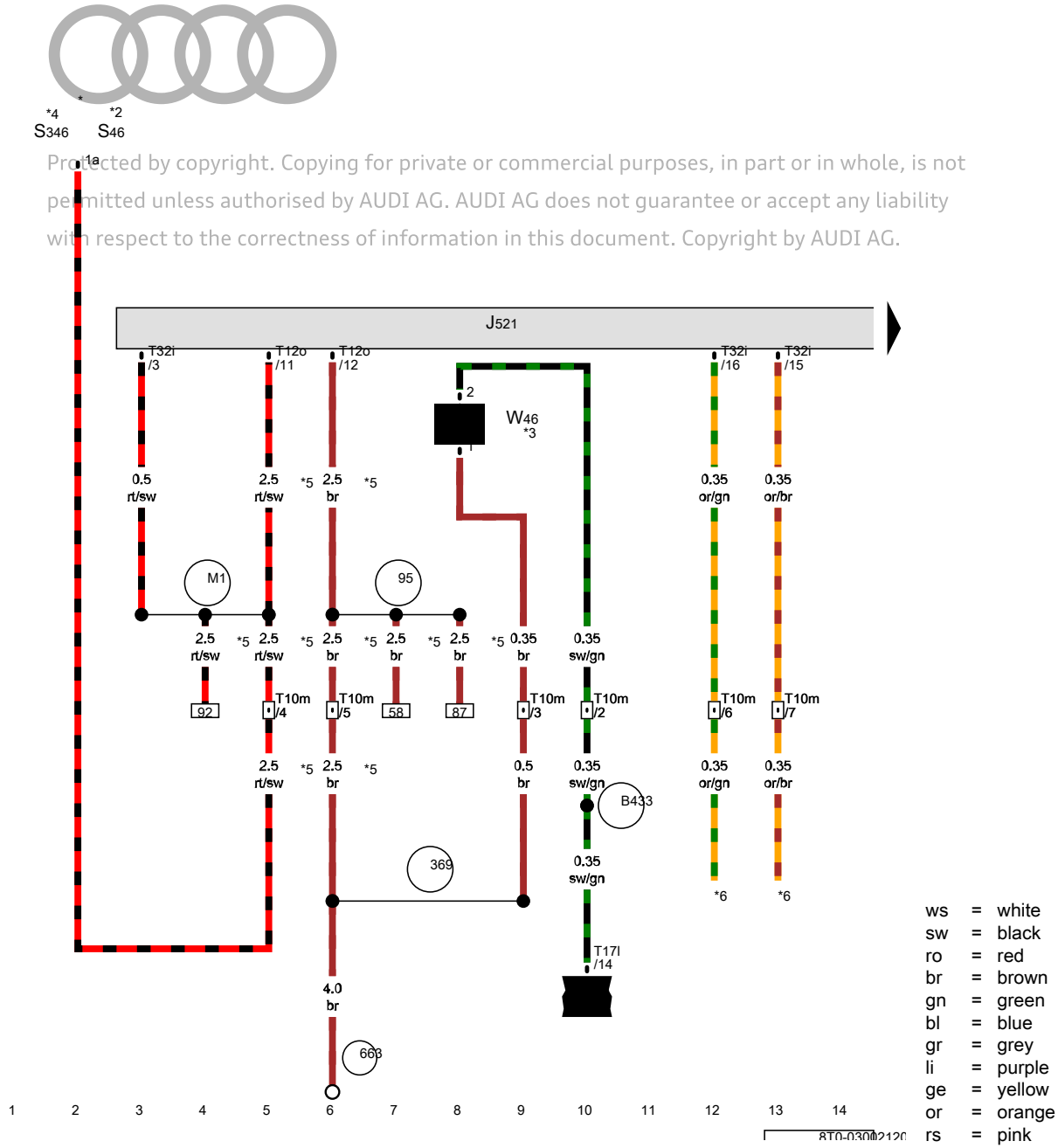
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Front passenger seat with electrically adjustable lumbar support, seat ventilation and heating, 2-door vehicle

From June 2007

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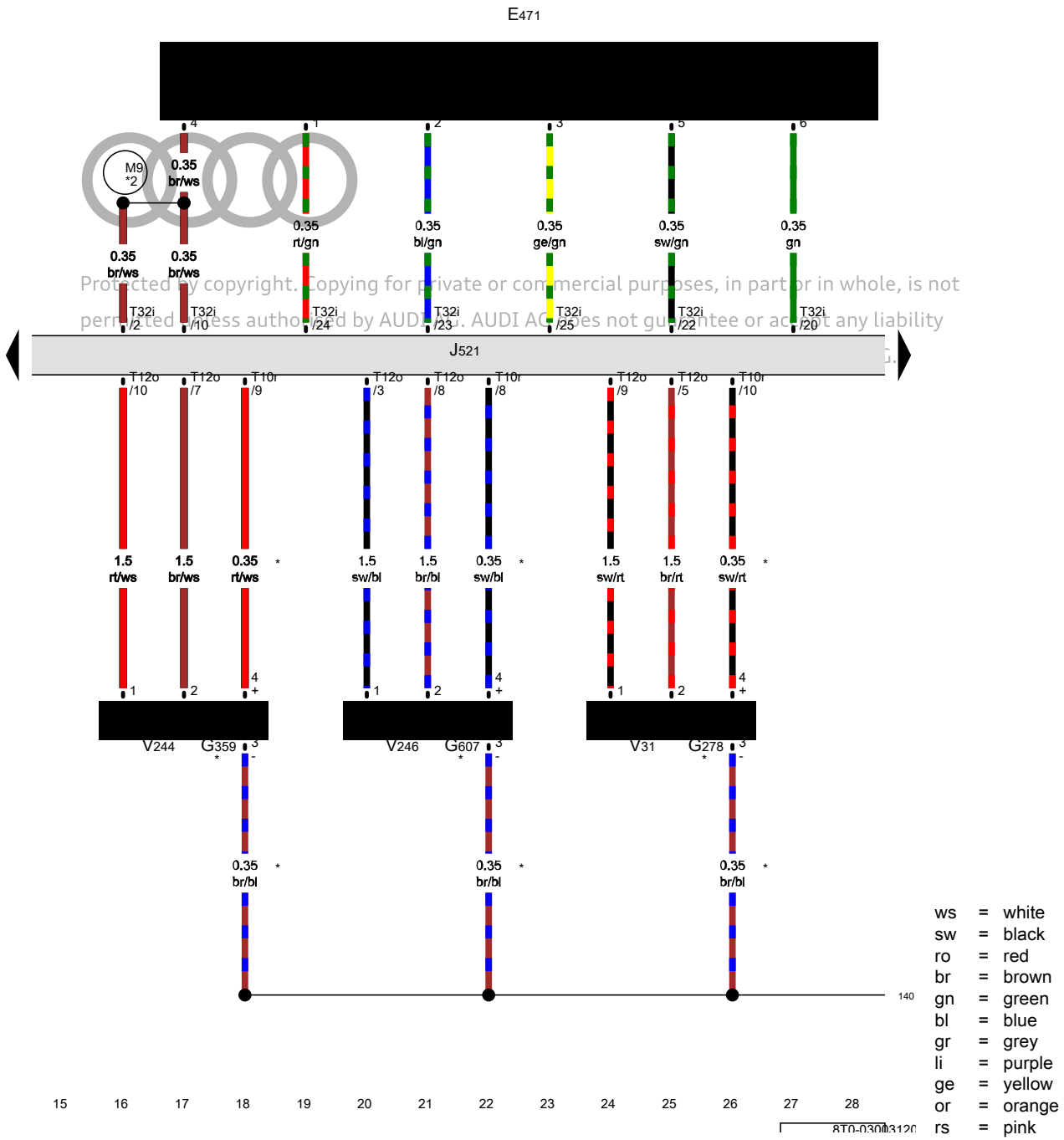
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Front passenger seat adjustment with memory control unit, Rear right footwell light

J519	Onboard supply control unit
J521	Front passenger seat adjustment with memory control unit
S46	Front passenger seat adjustment thermal fuse 1
S346	Thermal fuse for driver and front passenger seat
T10m	10-pin connector, red
T12o	12-pin connector
T17l	17-pin connector
T32i	32-pin connector
W46	Rear right footwell light
95	Earth connection 1, in seat adjustment wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
B433	Connection (footwell light), 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 2007
*3	Only models with footwell illumination
*4	Up to June 2007
*5	Cross-section 1.5 possible
*6	see applicable current flow diagram



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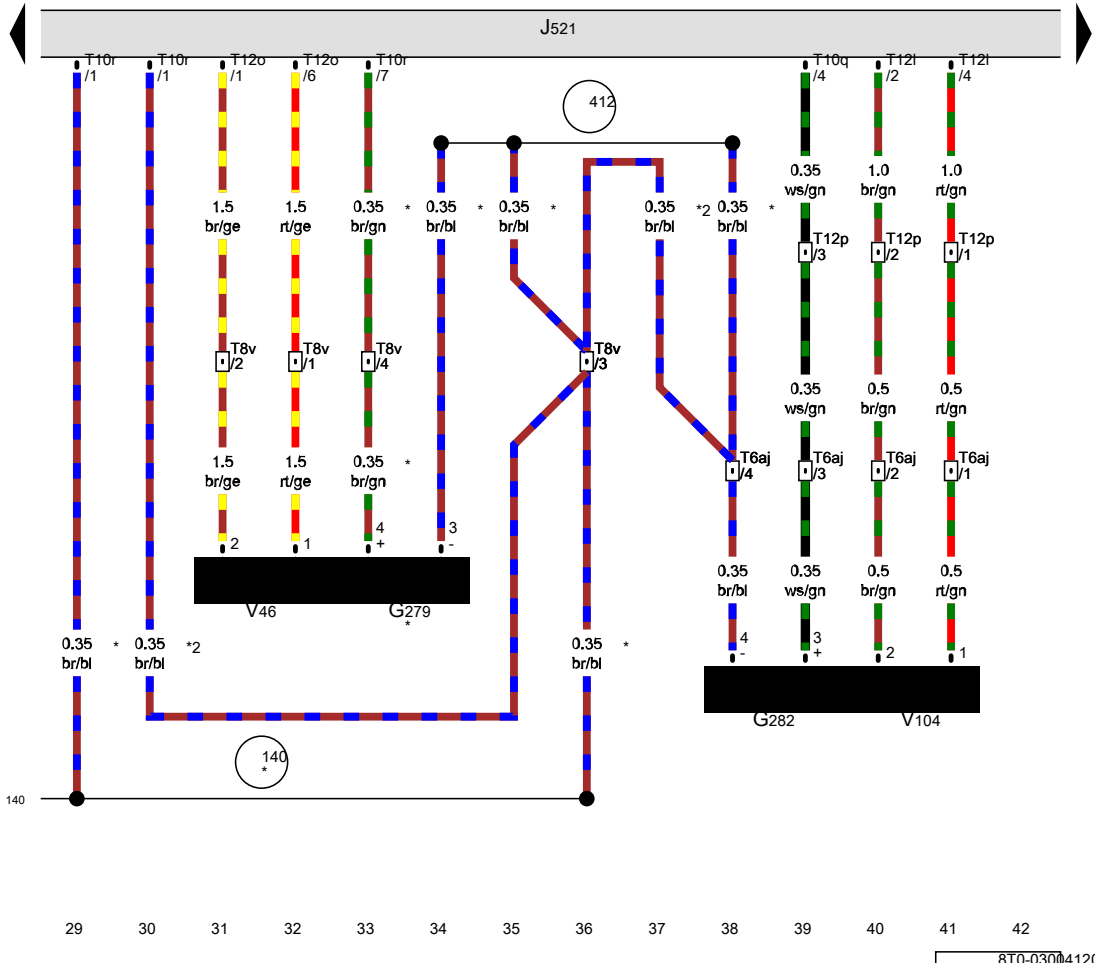
Front passenger seat adjustment operating unit, Front passenger seat adjustment with memory control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E170	Front passenger seat head restraint adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E471	Front passenger seat adjustment operating unit
G278	Longitudinal adjustment sender for front passenger seat
G359	Front passenger seat rake adjustment sender
G607	Sender for height adjustment of front passenger seat
J521	Front passenger seat adjustment with memory control unit
T10r	10-pin connector
T12o	12-pin connector
T32i	32-pin connector
V31	Front passenger seat longitudinal adjustment motor
V244	Front passenger seat rake adjustment motor
V246	Front passenger seat height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
M9	Connection, in seat adjustment wiring harness
*	Gradually discontinued
*2	Coding wire for front passenger seat

Front passenger seat adjustment with memory control unit, Front passenger seat backrest adjustment motor, Front passenger seat head restraint adjustment motor

G279	Backrest adjustment sender for front passenger seat
G282	Head restraint height adjustment sender for front passenger seat
J521	Front passenger seat adjustment with memory control unit
T6aj	6-pin connector, in front passenger seat
T8v	8-pin connector, in front passenger seat
T10q	10-pin connector
T10r	10-pin connector
T12l	12-pin connector
T12o	12-pin connector
T12p	12-pin connector, in front passenger seat
V46	Front passenger seat backrest adjustment motor
V104	Front passenger seat head restraint adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
412	Earth connection 3, in seat adjustment wiring harness
*	Gradually discontinued
*2	gradual introduction

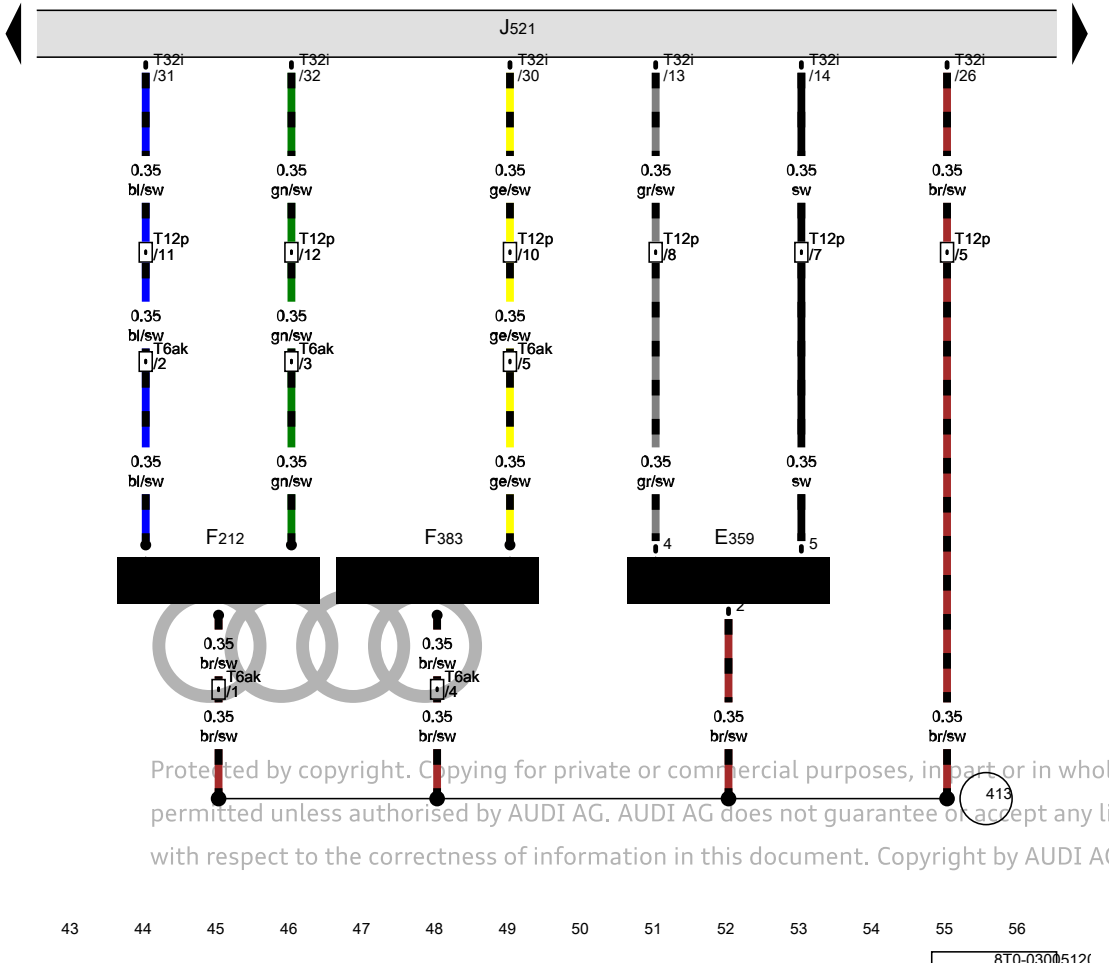
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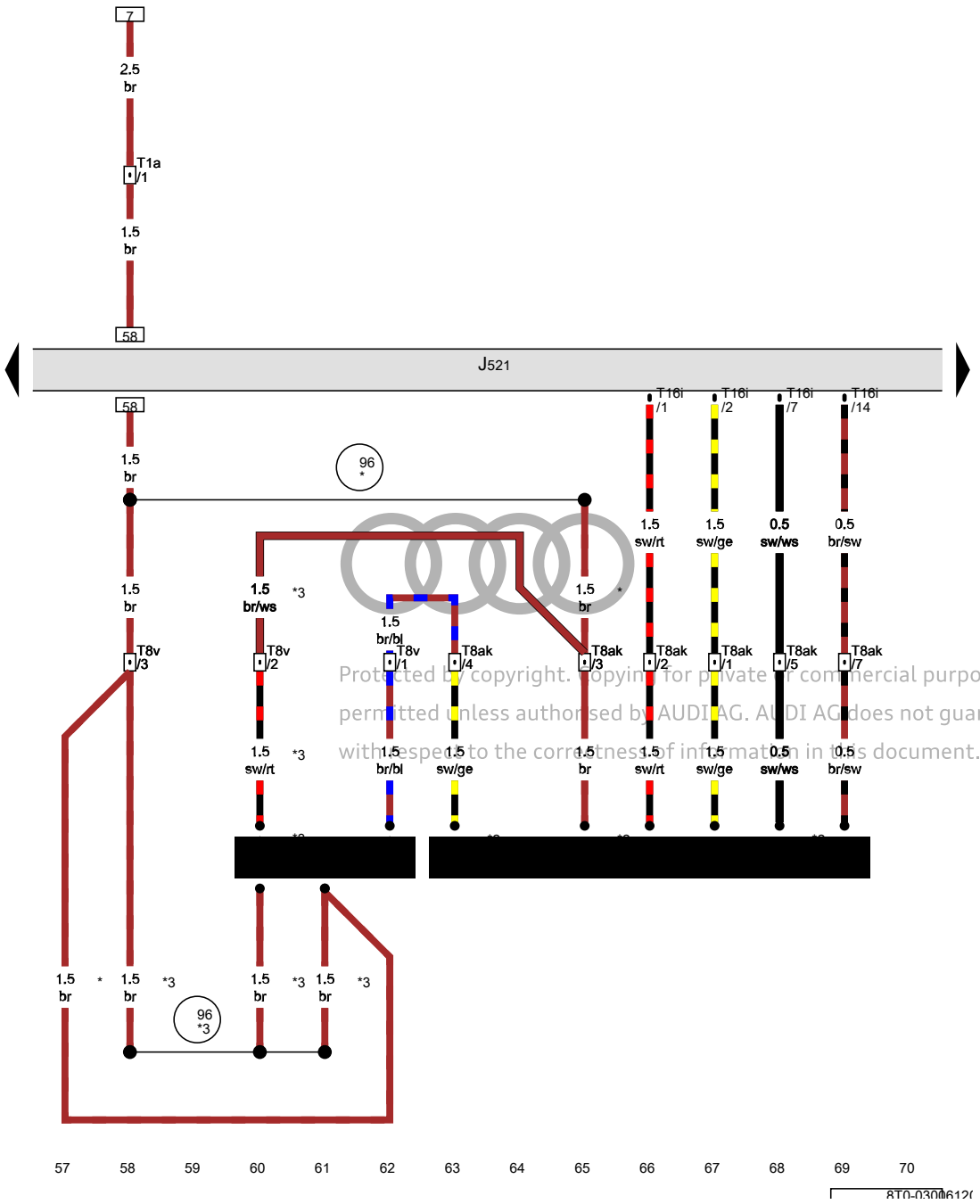
Front passenger seat backrest locking switch, Upright movement limit switch for front passenger seat backrest, Front passenger seat adjustment with memory control unit

E359	Easy entry button on front passenger side
F212	Front passenger seat backrest locking switch
F383	Upright movement limit switch for front passenger seat backrest
J521	Front passenger seat adjustment with memory control unit
T6ak	6-pin connector, in front passenger seat
T12p	12-pin connector, in front passenger seat
T32i	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness



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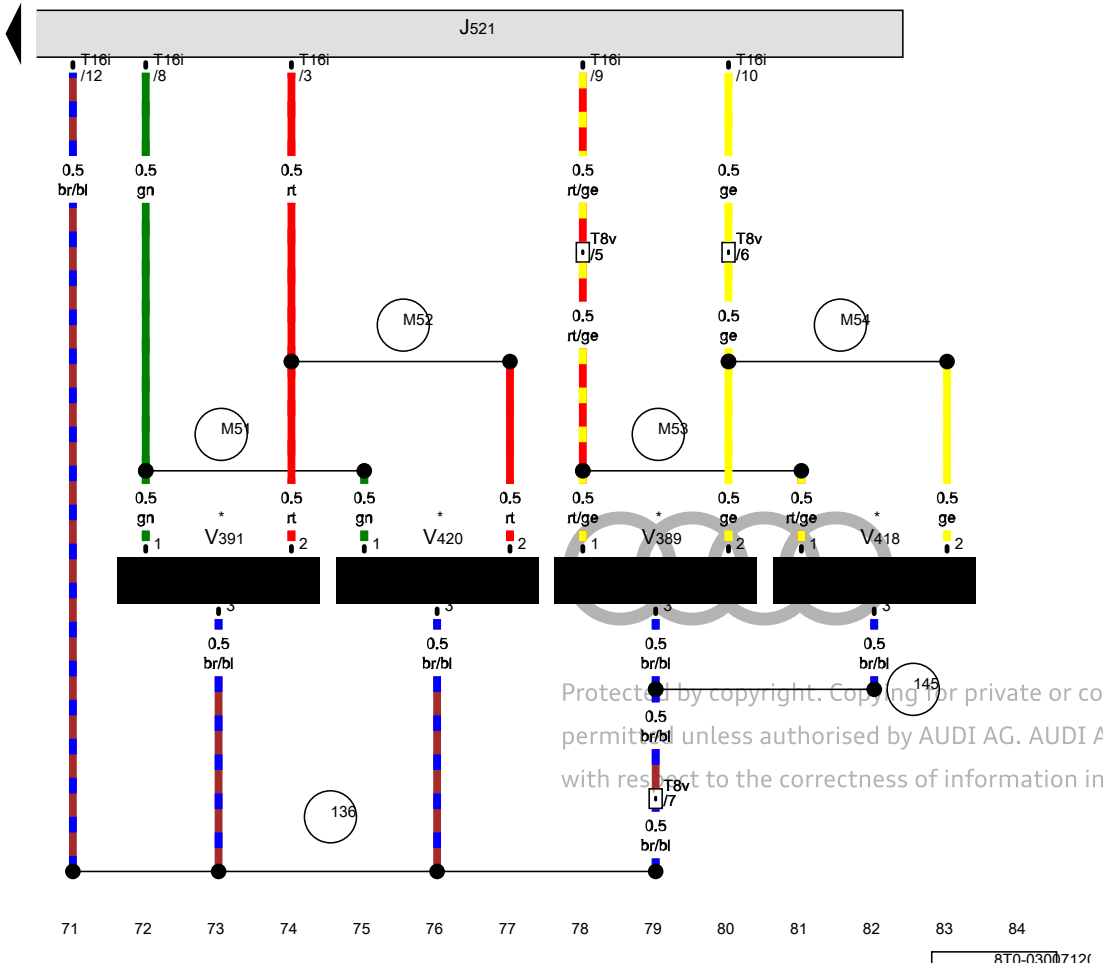
Front right seat temperature sender, Front passenger seat adjustment with memory control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G345	Front right seat temperature sender
J521	Front passenger seat adjustment with memory control unit
T1a	Single connector, under seat
T8ak	8-pin connector
T8v	8-pin connector
T16i	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
*	gradual introduction
*2	Only models with ventilated seats
*3	Gradually discontinued

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rs	=	pink

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
T8v	8-pin connector
T16i	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
*	Only models with ventilated seats

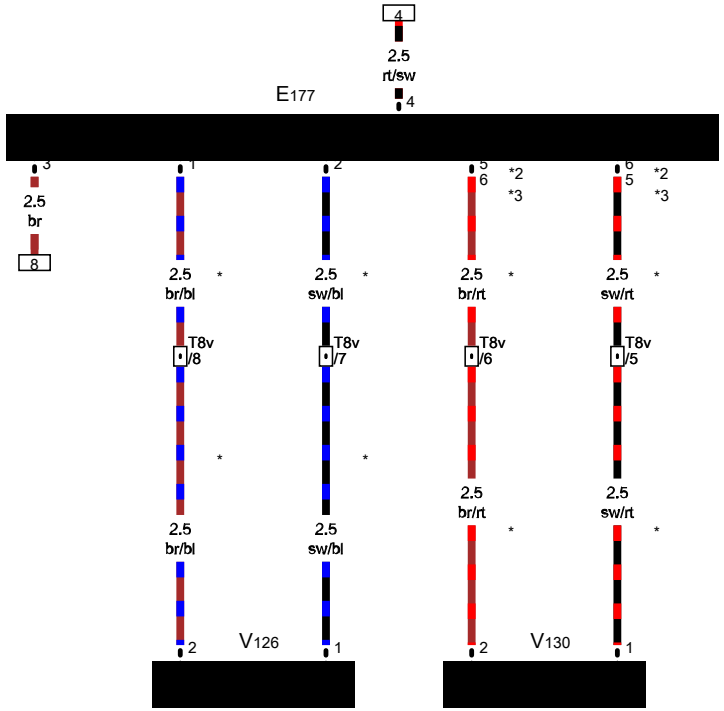


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Front passenger seat lumbar support adjustment switch

E177	Front passenger seat lumbar support adjustment switch
T8v	8-pin connector, in front passenger seat
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
*	Cross-section 1.5 possible
*2	Gradually discontinued
*3	gradual introduction



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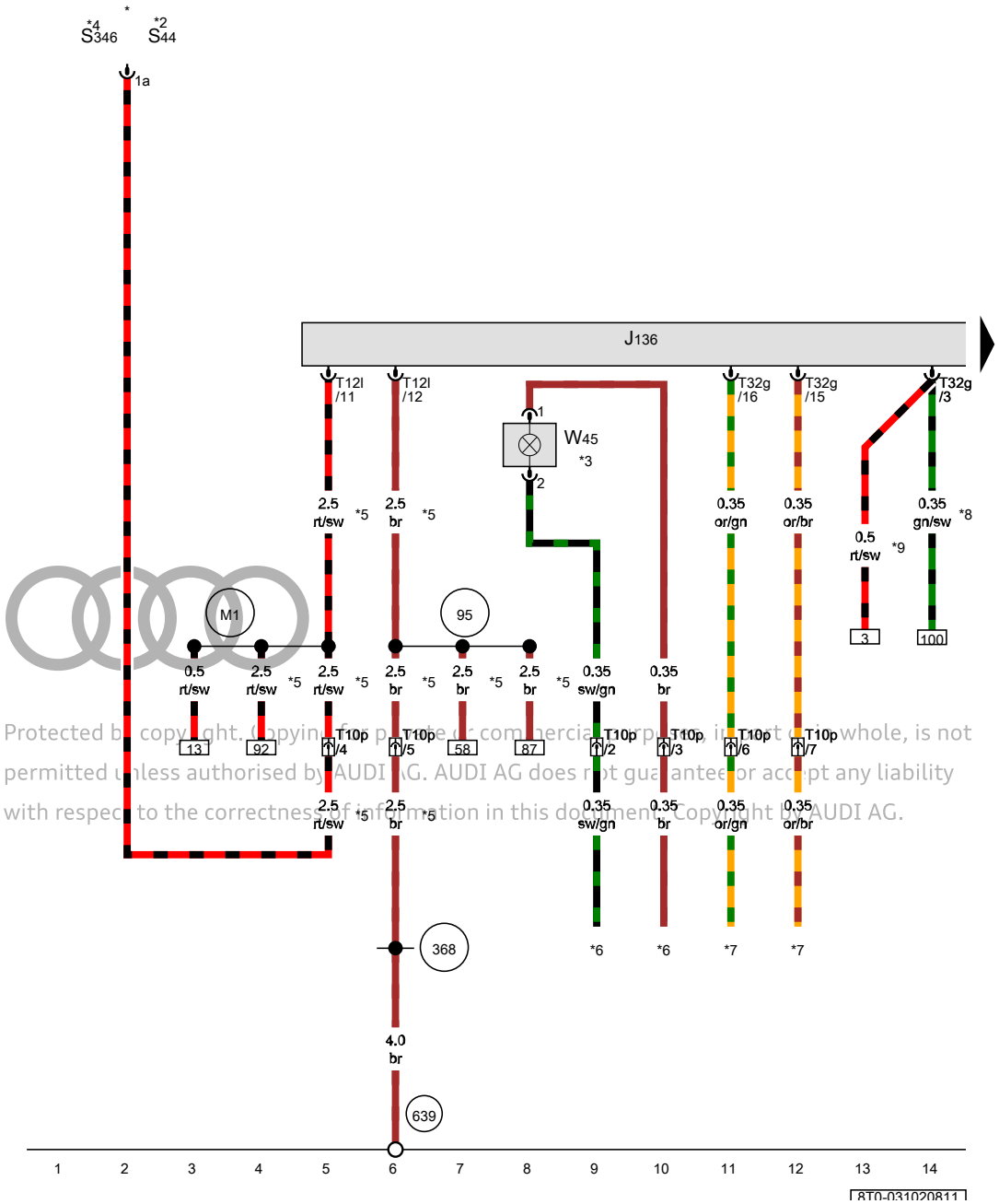
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Driver seat with memory function, electrically adjustable lumbar support, seat ventilation and heating, 2-door vehicle

From June 2007



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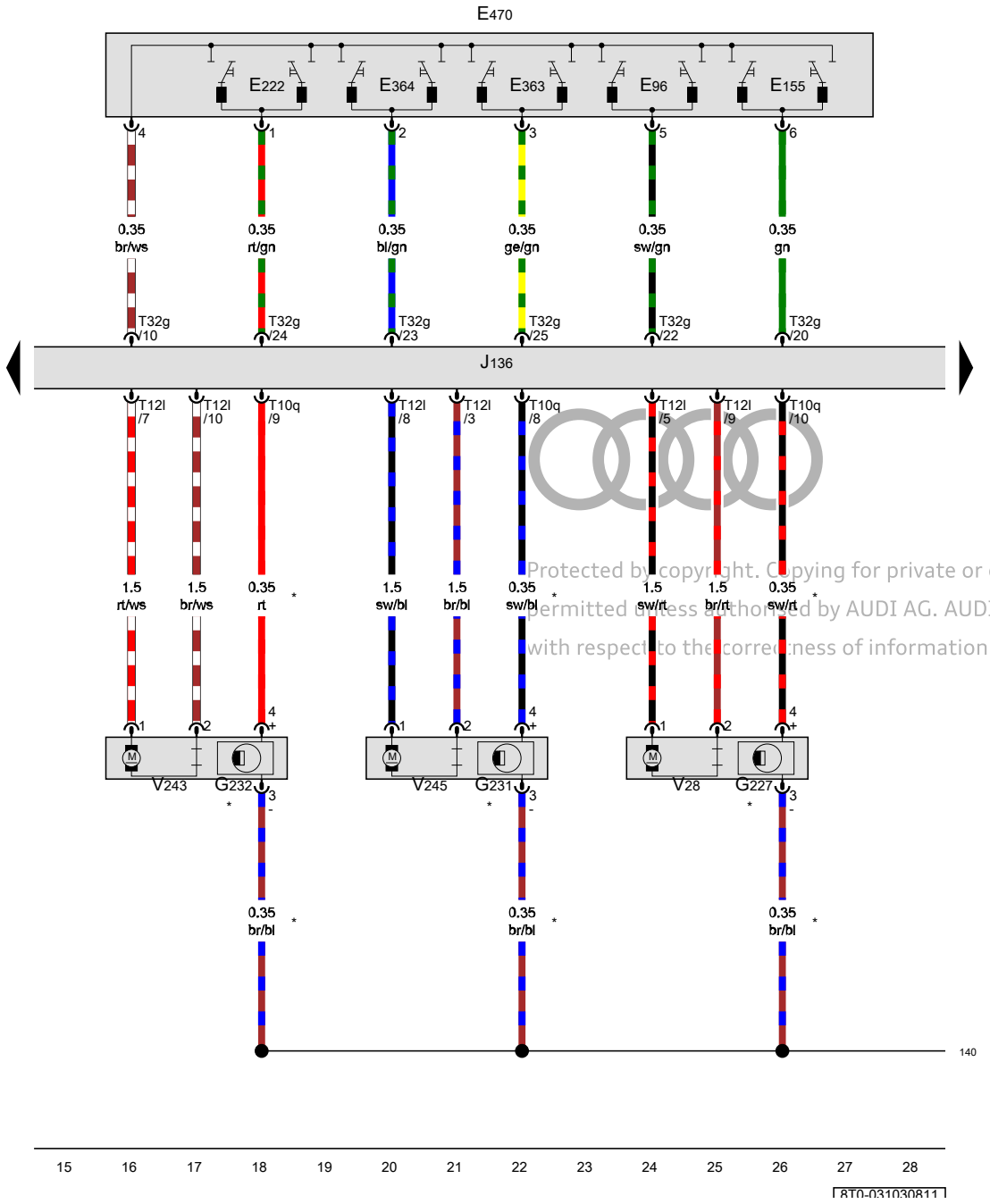


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Seat and steering column adjustment control unit with memory, Rear left footwell light

J136	Seat and steering column adjustment control unit with memory
S44	Driver seat adjustment thermal fuse 1
S346	Thermal fuse for driver and front passenger seat
T10p	10-pin connector, red
T12l	12-pin connector
T32g	32-pin connector
W45	Rear left footwell light
95	Earth connection 1, in seat adjustment wiring harness
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From June 2007
*3	Only models with footwell illumination
*4	Up to June 2007
*5	Cross-section 1.5 possible
*6	see applicable current flow diagram for basic equipment
*7	see applicable current flow diagram
*8	Driver seat with memory function
*9	Only models with no memory function



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

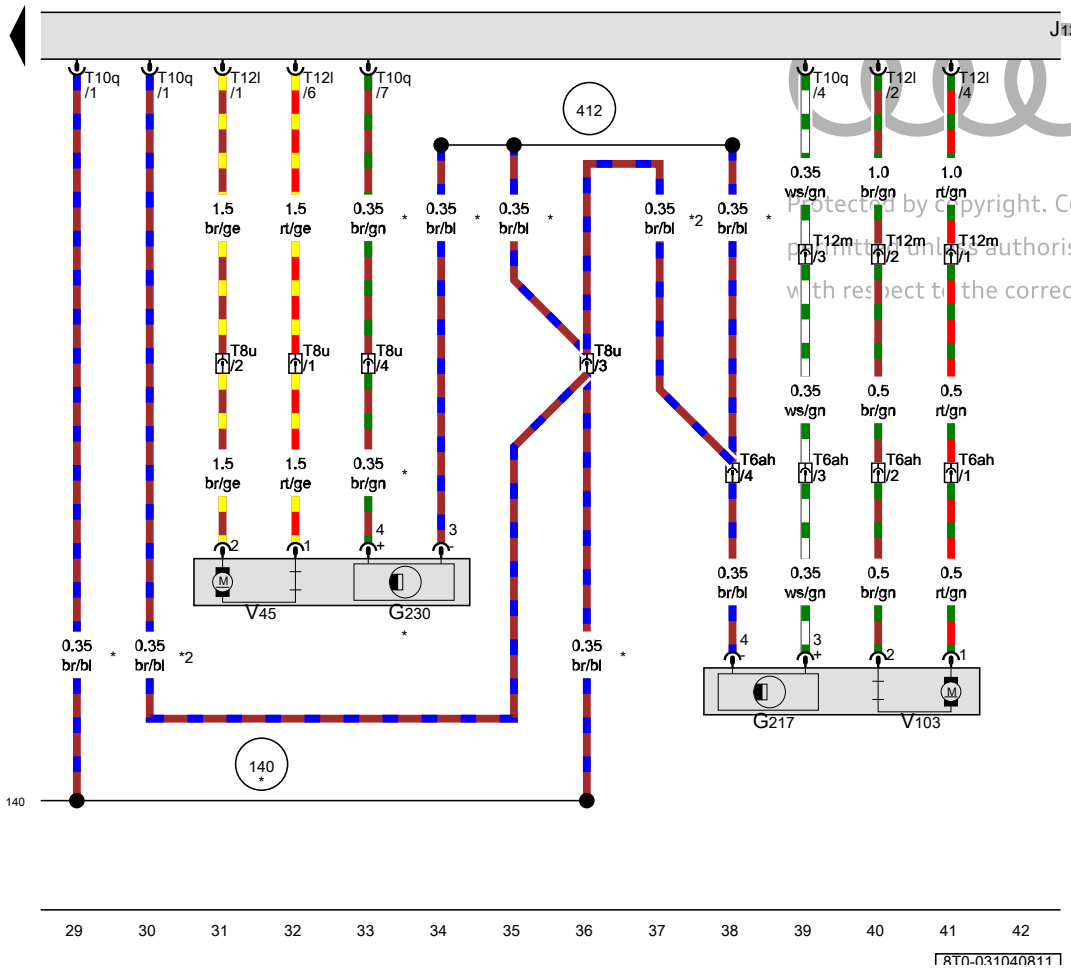
E96	Driver seat backrest adjustment switch
E155	Head restraint adjustment switch
E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
E364	Driver seat height adjustment switch
E470	Driver seat adjustment operating unit
G227	Longitudinal adjustment sender for driver seat
G231	Height adjustment sender for driver seat
G232	Rake adjustment sender for driver seat
J136	Seat and steering column adjustment control unit with memory
T10q	10-pin connector
T12l	12-pin connector
T32g	32-pin connector
V28	Driver seat longitudinal adjustment motor
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
*	Gradually discontinued

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

G217	Head restraint height adjustment sender for driver seat
G230	Backrest adjustment sender for driver seat
J136	Seat and steering column adjustment control unit with memory
T6ah	6-pin connector, in driver seat
T8u	8-pin connector, in driver seat
T10q	10-pin connector
T12l	12-pin connector
T12m	12-pin connector, in driver seat
V45	Driver seat backrest adjustment motor
V103	Driver seat head restraint adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
412	Earth connection 3, in seat adjustment wiring harness
*	Gradually discontinued
*2	gradual introduction

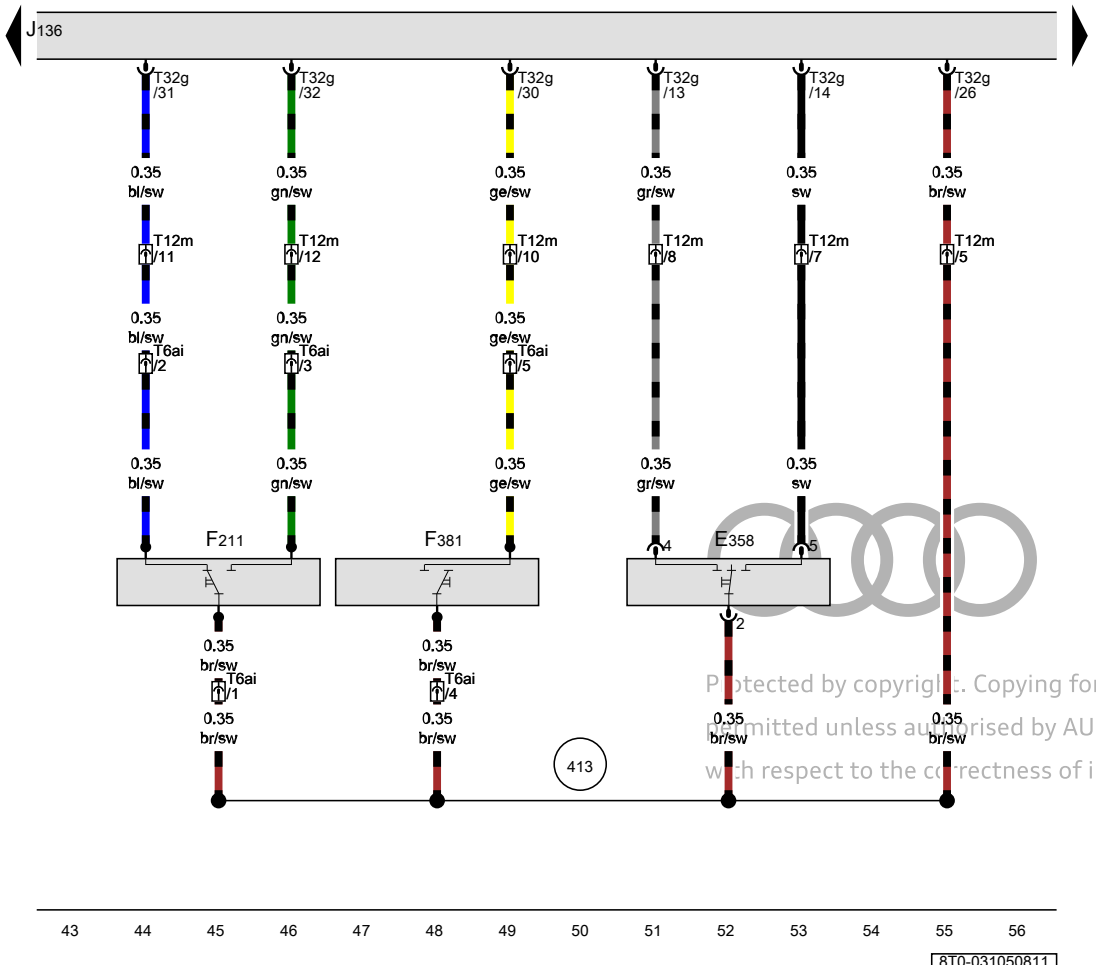


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Driver seat backrest locking switch, Upright movement limit switch for driver seat backrest, Seat and steering column adjustment control unit with memory

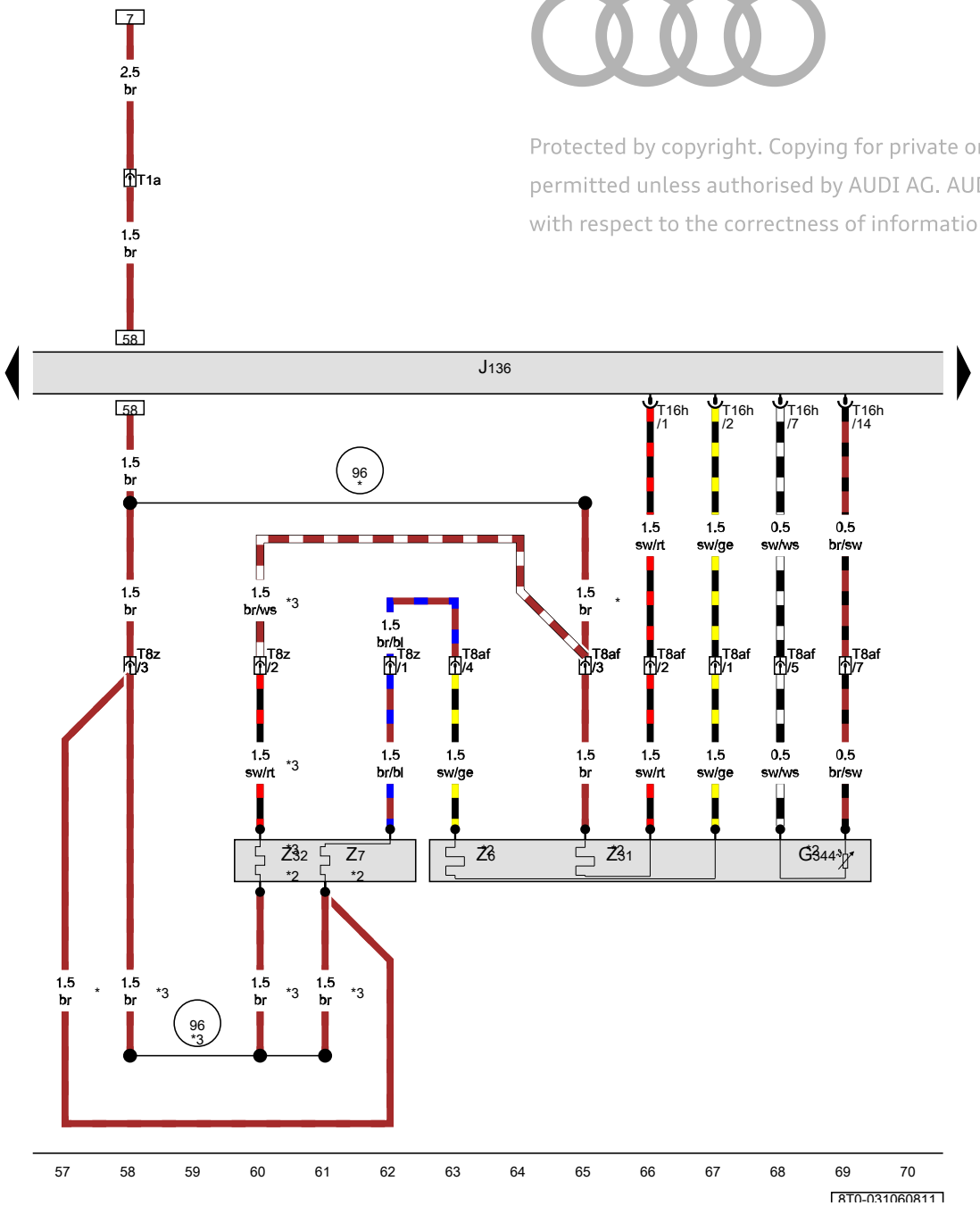
E358	Easy entry button on driver side
F211	Driver seat backrest locking switch
F381	Upright movement limit switch for driver seat backrest
J136	Seat and steering column adjustment control unit with memory
T6ai	6-pin connector, in driver seat
T12m	12-pin connector, in driver seat
T32g	32-pin connector
413	Earth connection 4, in seat adjustment wiring harness



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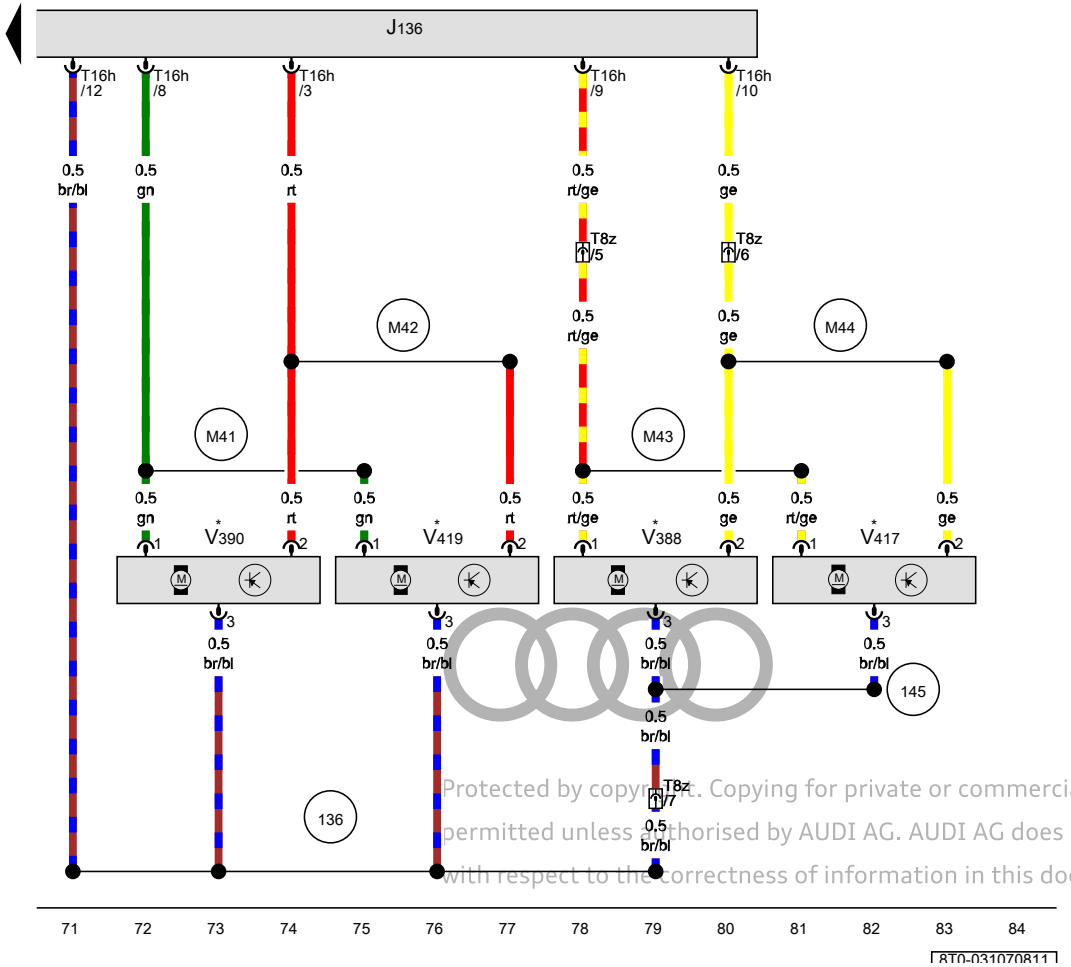
Front left seat temperature sender, Seat and steering column adjustment control unit with memory, Heated seat cushion for driver seat, Heated backrest for driver seat

G344	Front left seat temperature sender
J136	Seat and steering column adjustment control unit with memory
T1a	Single connector, under seat
T8af	8-pin connector, in driver seat
T8z	8-pin connector, in driver seat
T16h	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
*	gradual introduction
*2	Only models with ventilated seats
*3	Gradually discontinued

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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
T8z	8-pin connector, in driver seat
T16h	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
*	Only models with ventilated seats



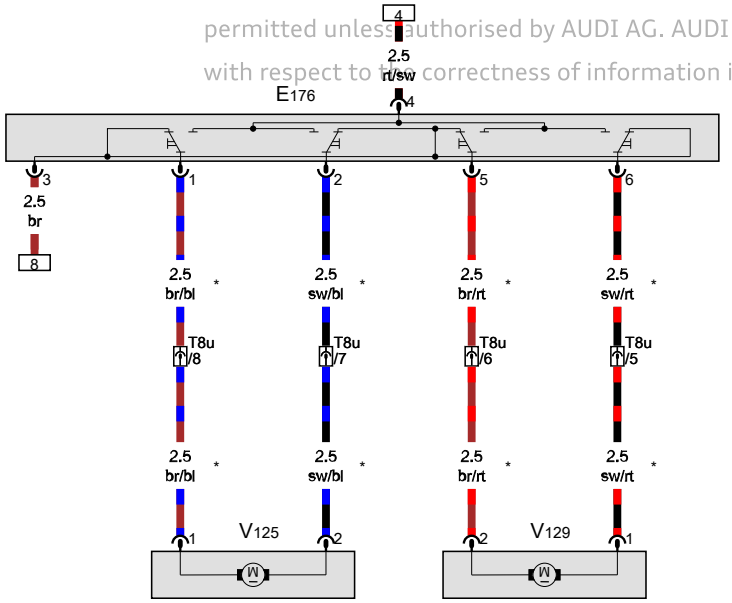
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Driver seat lumbar support adjustment switch

E176	Driver seat lumbar support adjustment switch
T8u	8-pin connector, in driver seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
*	Cross-section 1.5 possible

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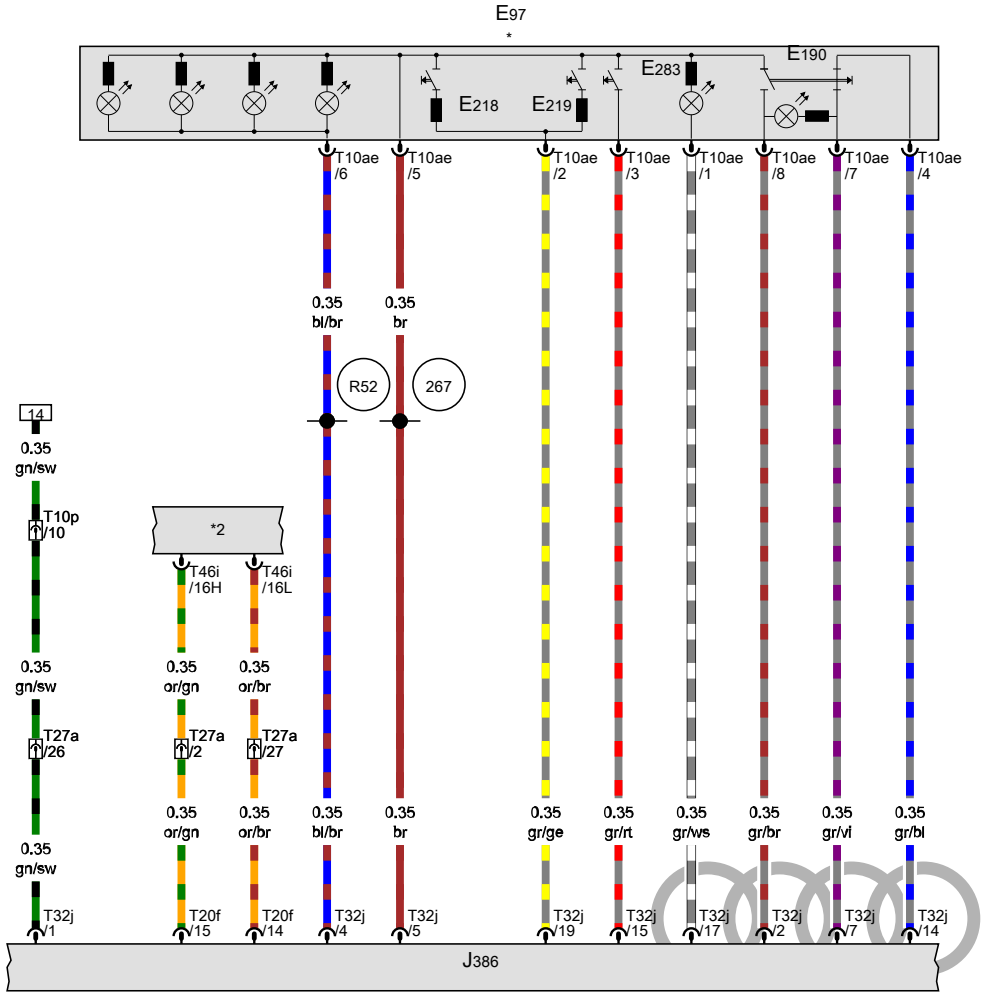
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85 86 87 88 89 90 91 92 93 94 95 96 97 98

8T0-0310808111

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
T10ae	10-pin connector
T10p	10-pin connector, red
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T32j	32-pin connector
T46i	46-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Driver seat with memory function
*2	see applicable current flow diagram



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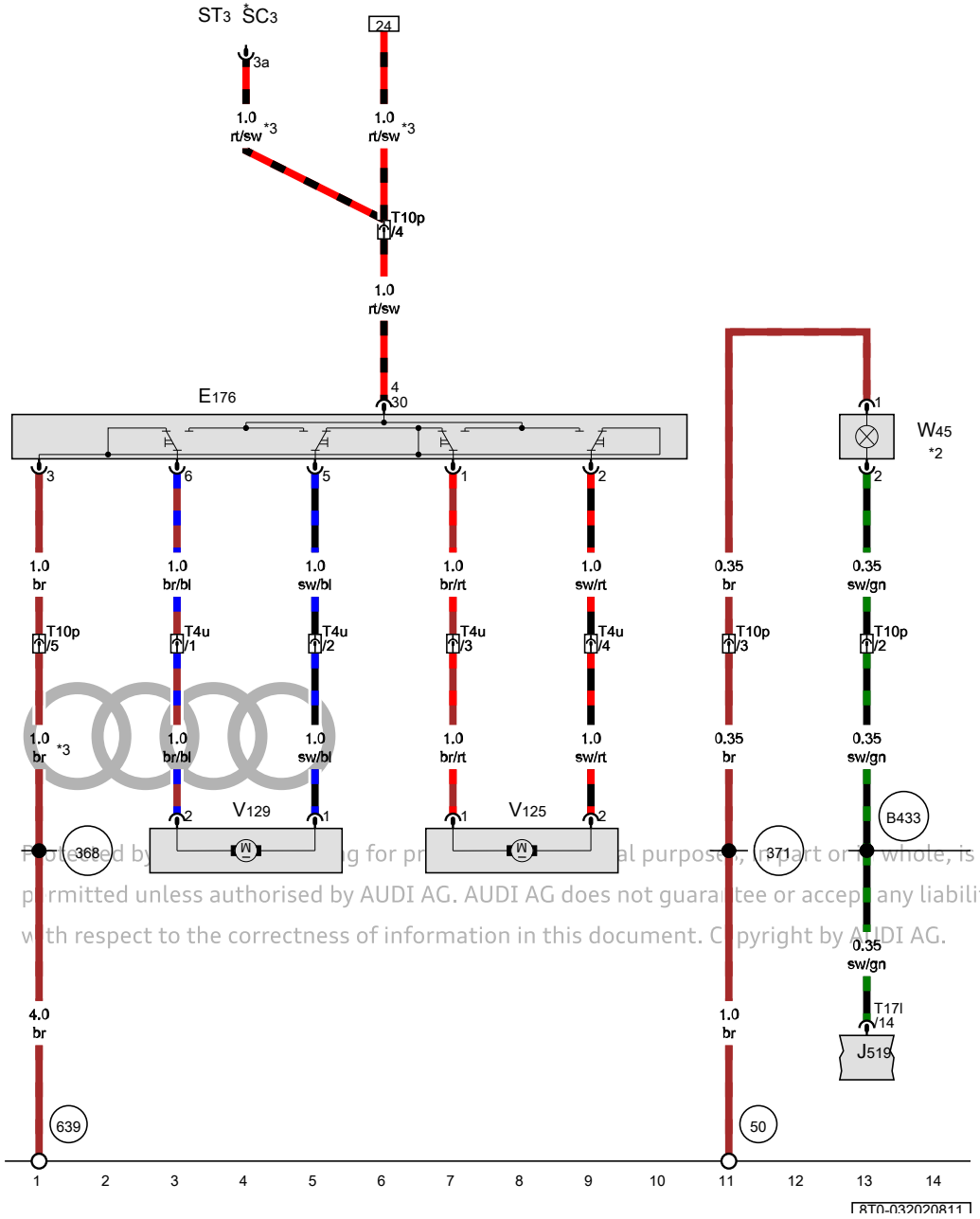
99 100 101 102 103 104 105 106 107 108 109 110 111 112

8T0-0310908111

Electrically adjustable lumbar support on seat without electric adjustment

From June 2007

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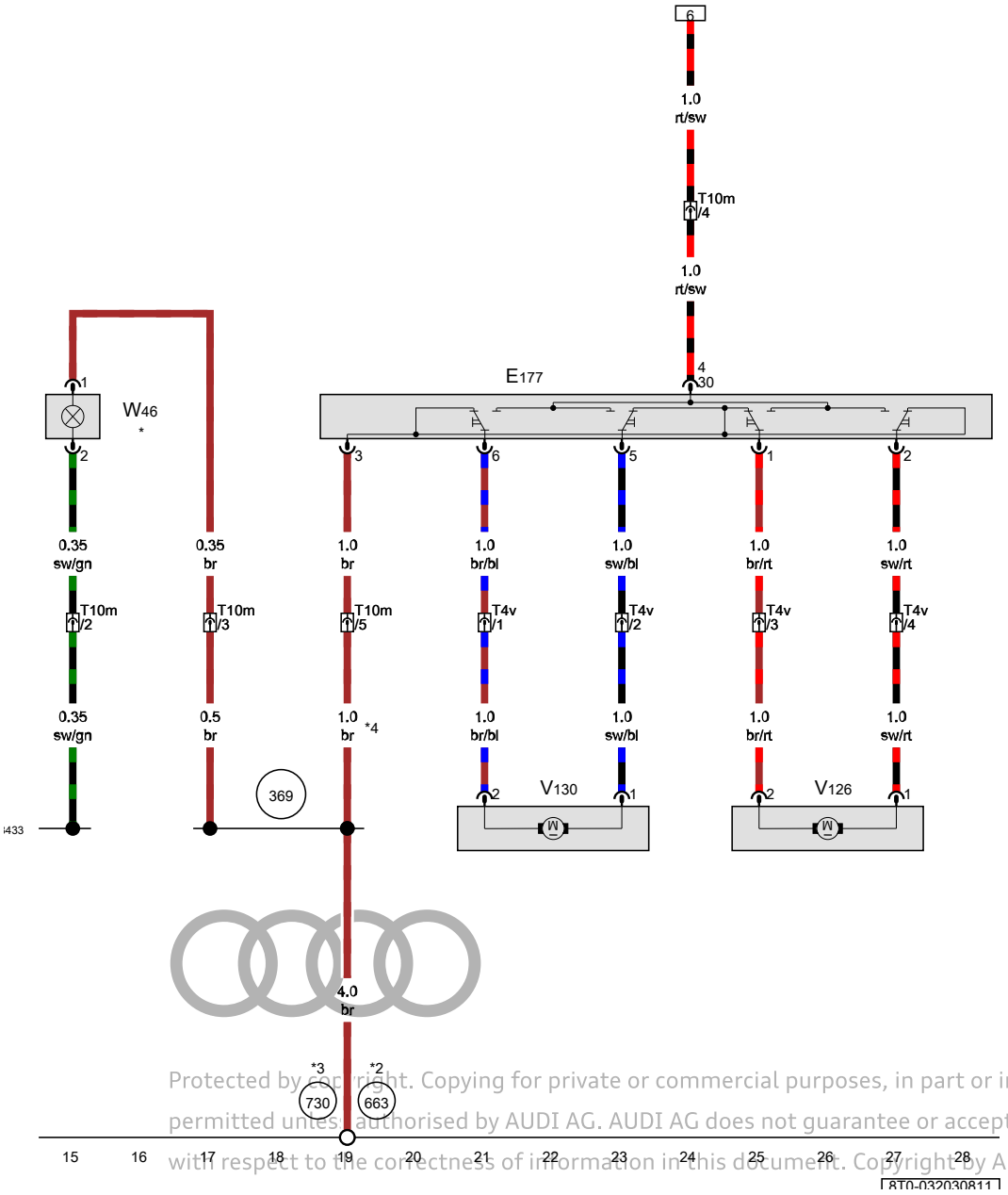


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Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor, Rear left footwell light

E176	Driver seat lumbar support adjustment switch
J519	Onboard supply control unit
ST3	Fuse carrier 3
SC3	Fuse 3 on fuse holder C
T4u	4-pin connector, in driver seat
T10p	10-pin connector, red
T17l	17-pin connector
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
W45	Rear left footwell light
50	Earth point, on left in luggage compartment
368	Earth connection 3, in main wiring harness
371	Earth connection 6, in main wiring harness
639	Earth point, left A-pillar
B433	Connection (footwell light), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with footwell illumination
*3	Cross section depends on equipment



Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor, Rear right footwell light

E177	Front passenger seat lumbar support adjustment switch
T4v	4-pin connector, in front passenger seat
T10m	10-pin connector, red
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
B433	Connection (footwell light), in main wiring harness
*	Only models with footwell illumination
*2	Only models with 2-doors
*3	Only models with 5-doors
*4	Cross section depends on equipment

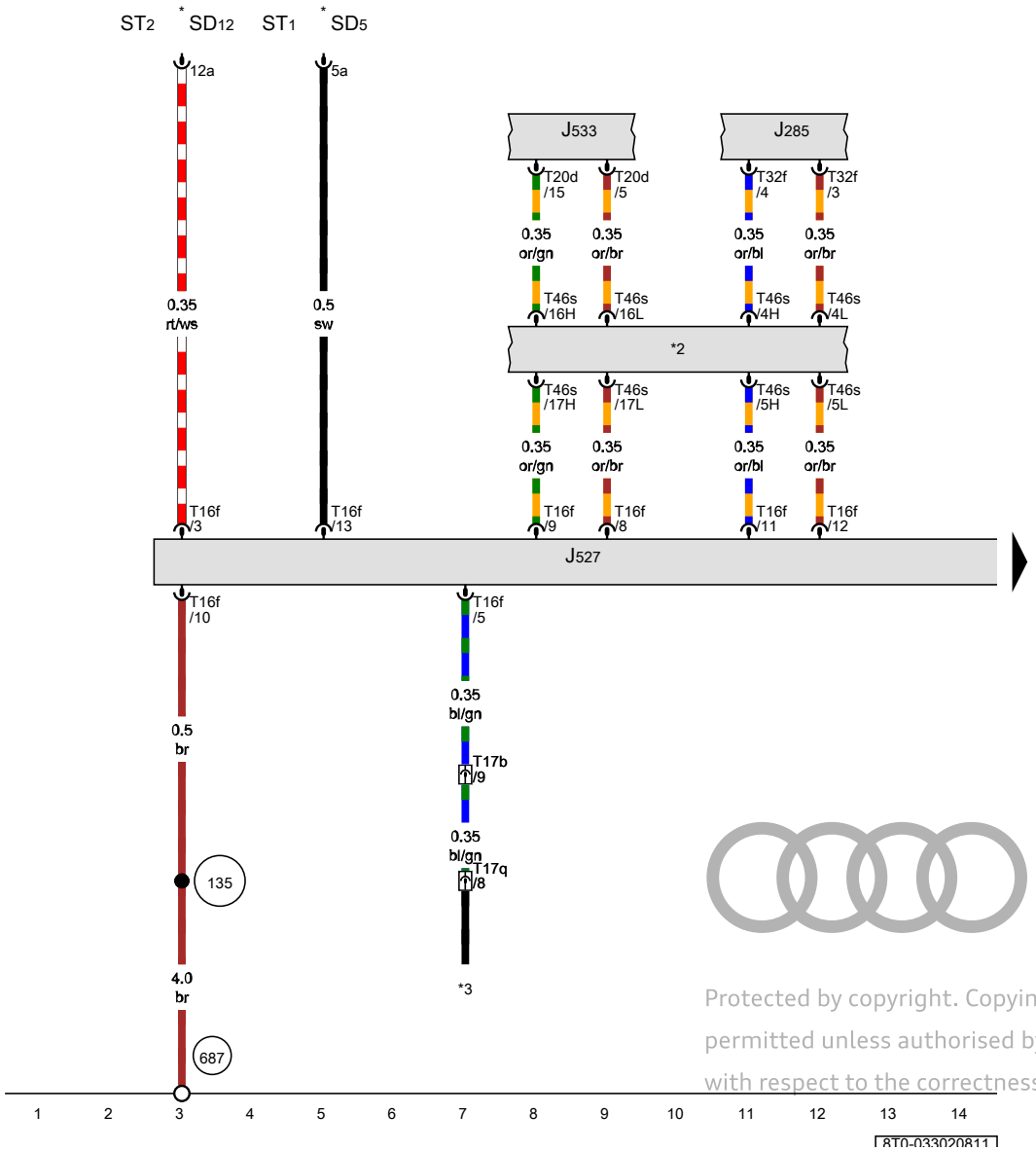
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Multifunction steering wheel

From June 2007

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Steering column electronics control unit

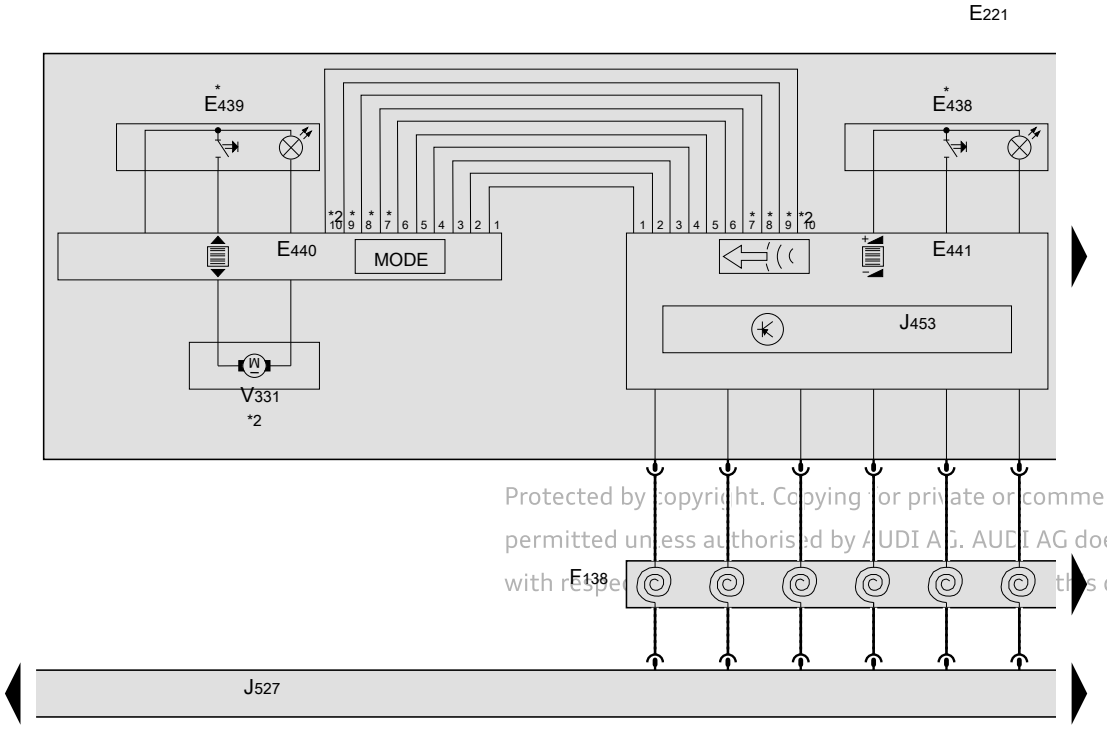
J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD12	Fuse 12 on fuse holder D
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	see applicable current flow diagram for engine

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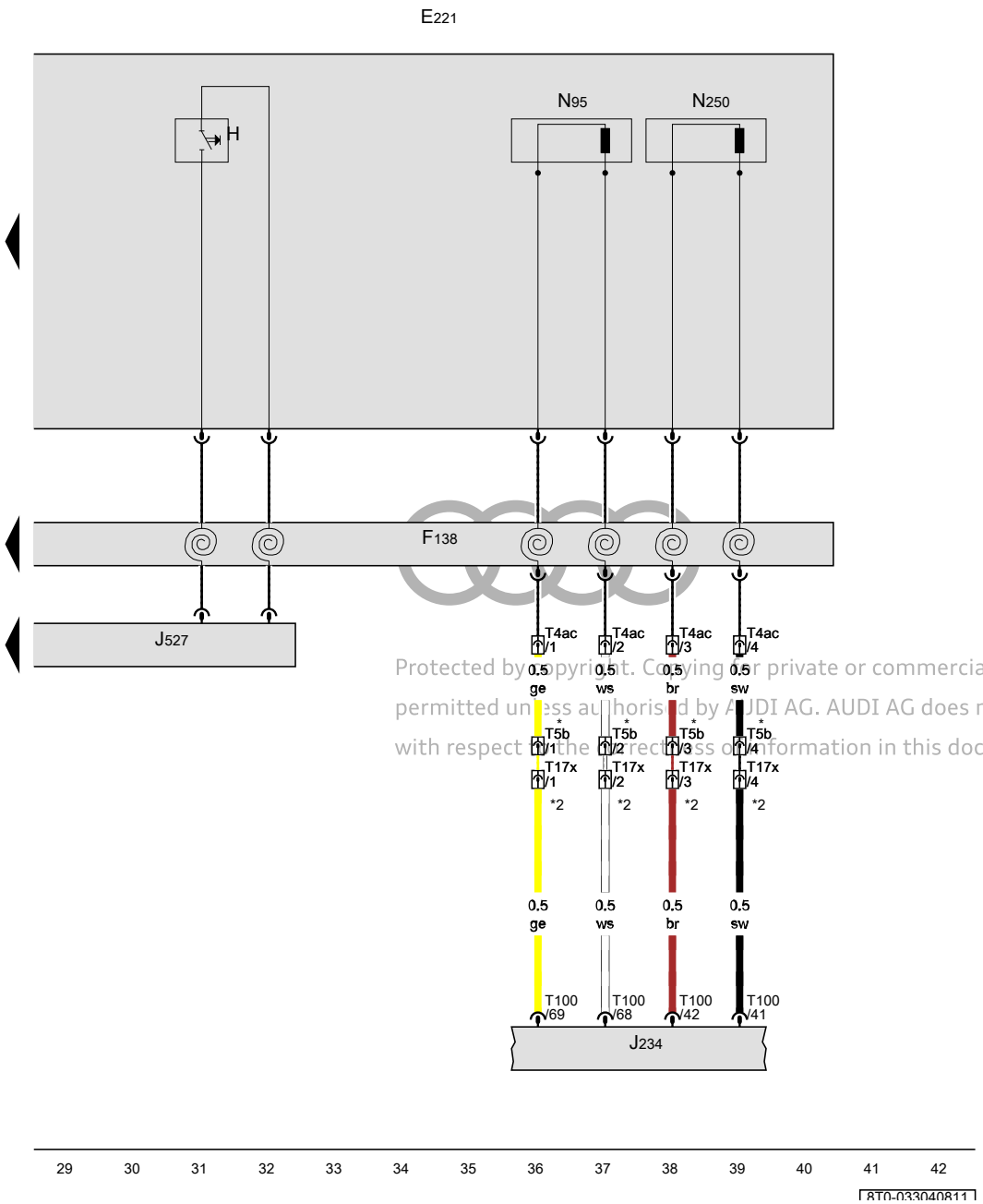
Operating unit in steering wheel, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction steering wheel control unit, Steering column electronics control unit

E221	Operating unit in steering wheel
E438	Tiptronic switch in steering wheel to shift up
E439	Tiptronic switch in steering wheel to shift down
E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
F138	Airbag coil connector and return ring with slip ring
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
V331	Steering wheel vibration motor
*	Only models with Tiptronic
*2	Only models with lane departure warning assist



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

E221	Operating unit in steering wheel
F138	Airbag coil connector and return ring with slip ring
H	Horn plate
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N250	Driver side airbag igniter 2
T4ac	4-pin connector, yellow
T5b	5-pin connector, yellow
T17x	17-pin connector, yellow
T100	100-pin connector
*	Up to April 2009
*2	From May 2009

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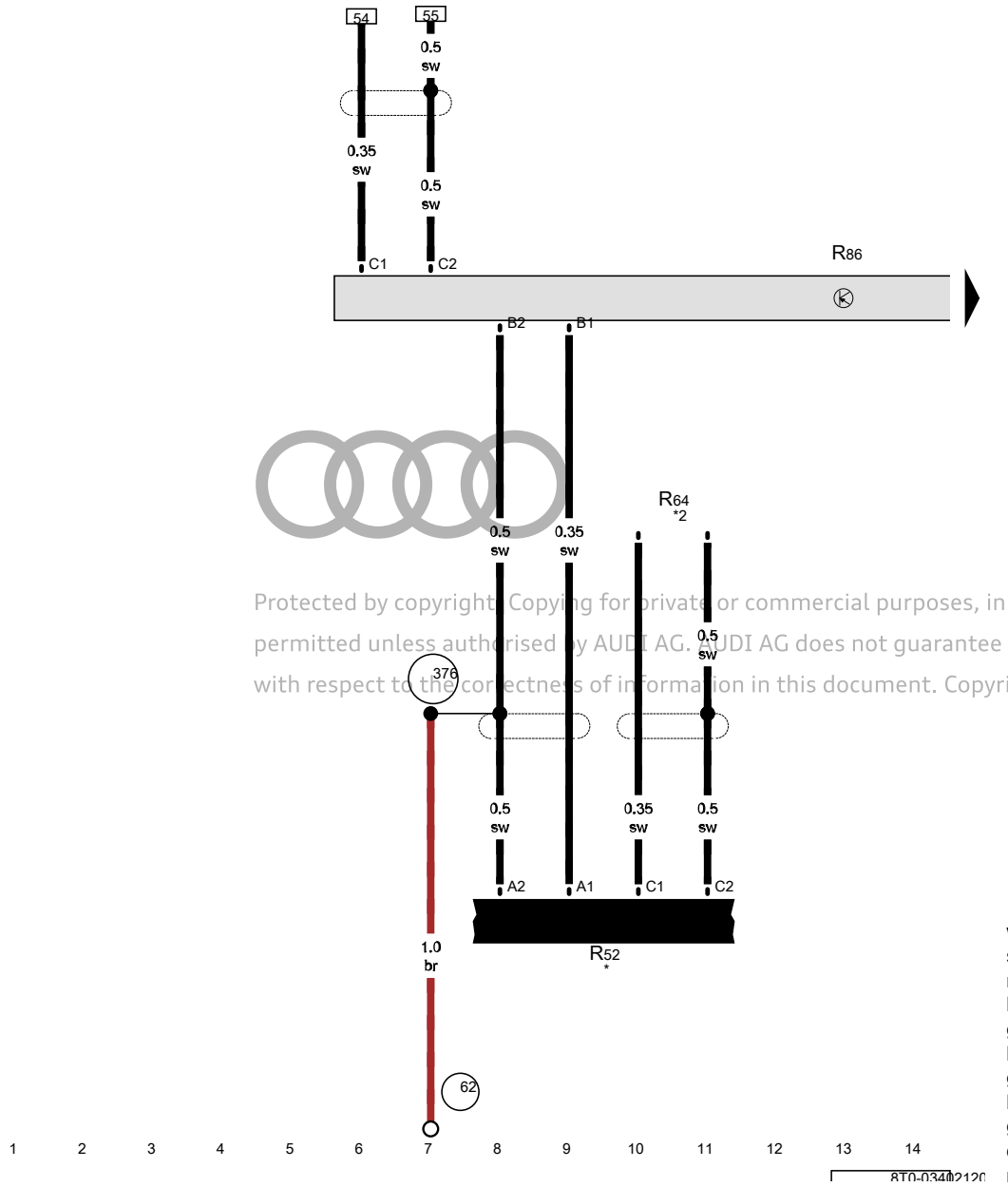
Preparation for mobile telephone (infotainment CAN bus)

From September 2007

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Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, Aerial amplifier for mobile telephone, Auxiliary heater aerial

R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R182	Auxiliary heater aerial
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	Only models with auxiliary heating

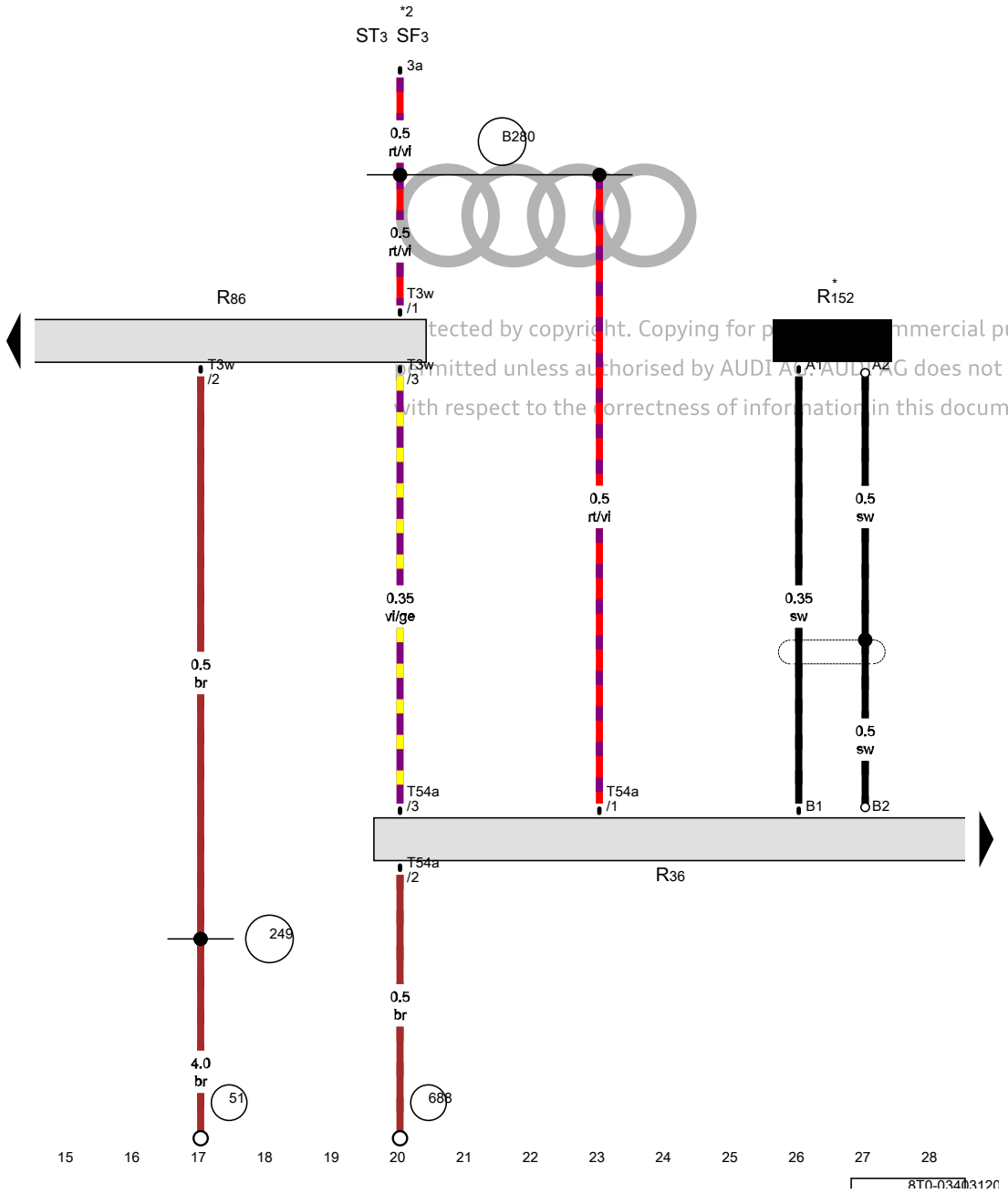


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Telephone transmitter and receiver unit, Aerial amplifier for mobile telephone, Aerial for Bluetooth

R36	Telephone transmitter and receiver unit
R86	Aerial amplifier for mobile telephone
R152	Aerial for Bluetooth
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T3w	3-pin connector
T54a	54-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
688	Earth point 2, on centre tunnel
B280	Positive connection 4 (15a) in main wiring harness
*	Only models with Bluetooth
*2	see applicable current flow diagram for fuse assignment

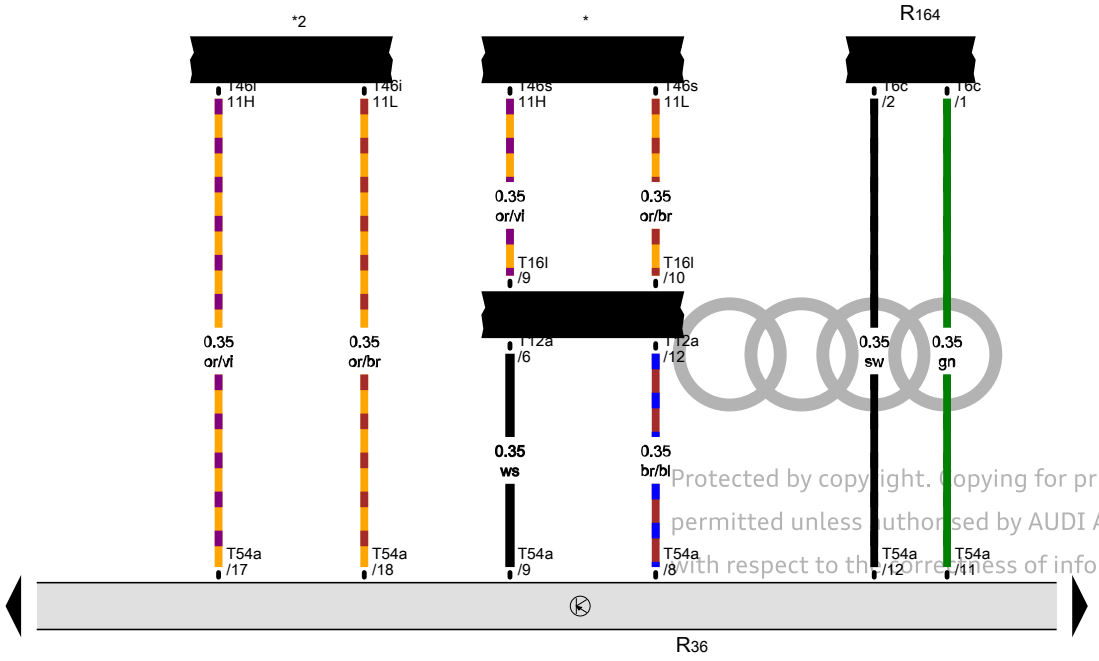


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Radio, Telephone transmitter and receiver unit, Telephone microphone, Microphone unit in front roof module

R	Radio
R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T12a	12-pin connector
T16l	16-pin connector
T46i	46-pin connector
T46s	46-pin connector
T54a	54-pin connector
*	Front passenger side push-in bridge, brown
*2	Driver side push-in bridge, brown



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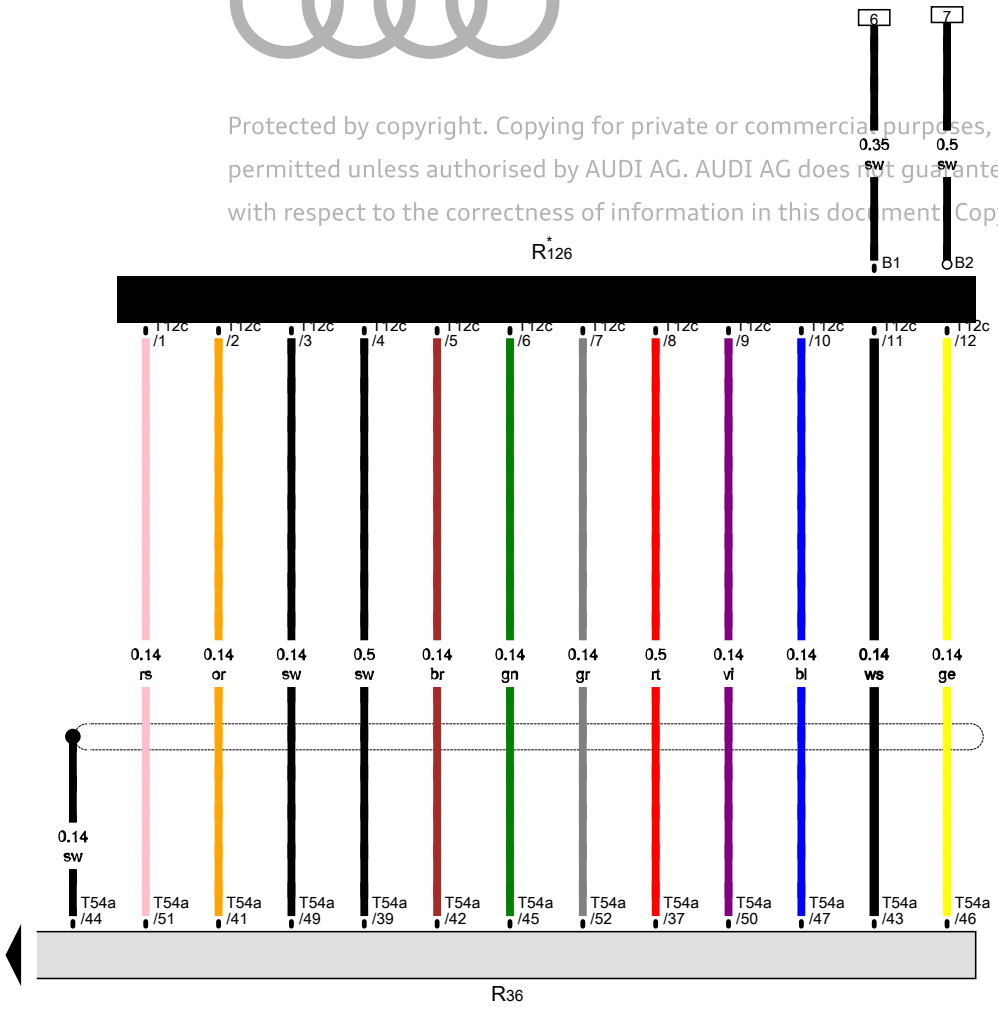
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Telephone transmitter and receiver unit, Telephone bracket

R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T12c	12-pin connector
T54a	54-pin connector
*	According to equipment



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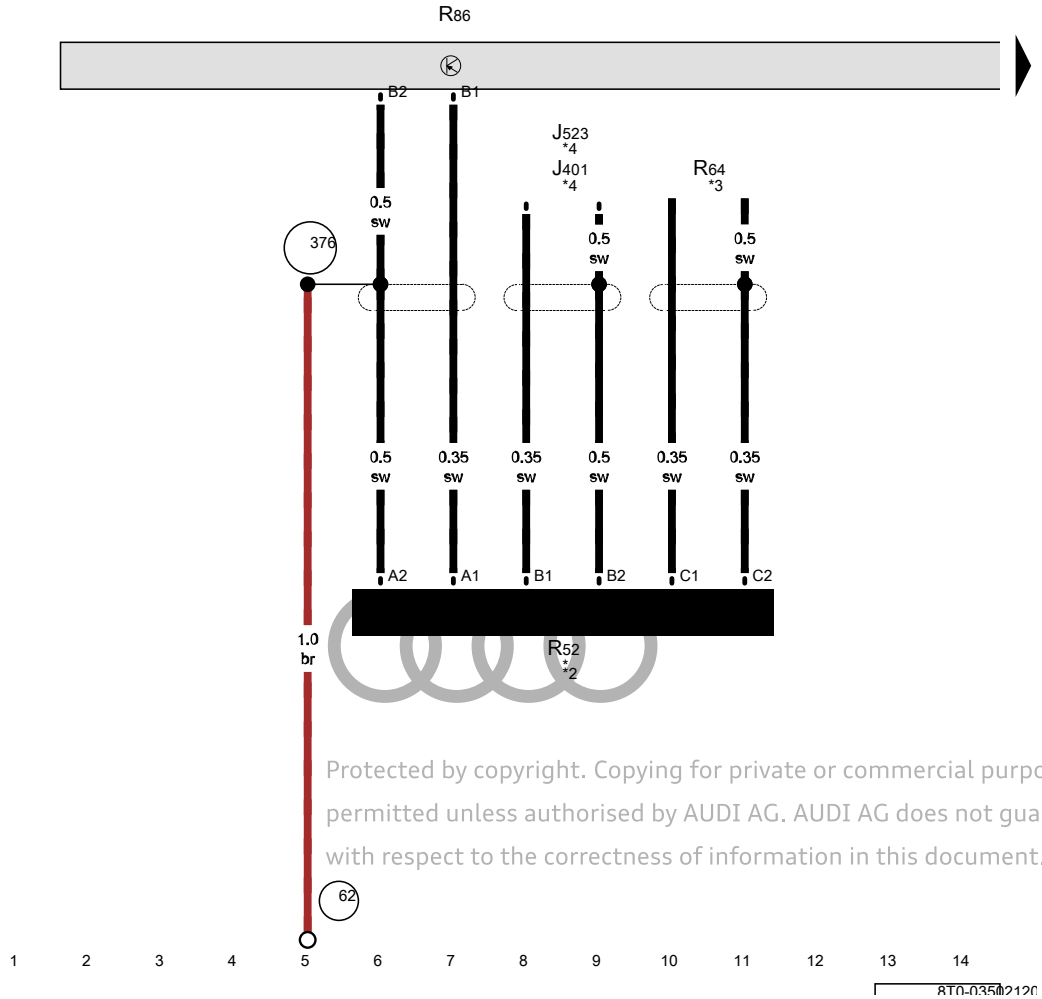
Preparation for mobile telephone (MOST bus)

From September 2007

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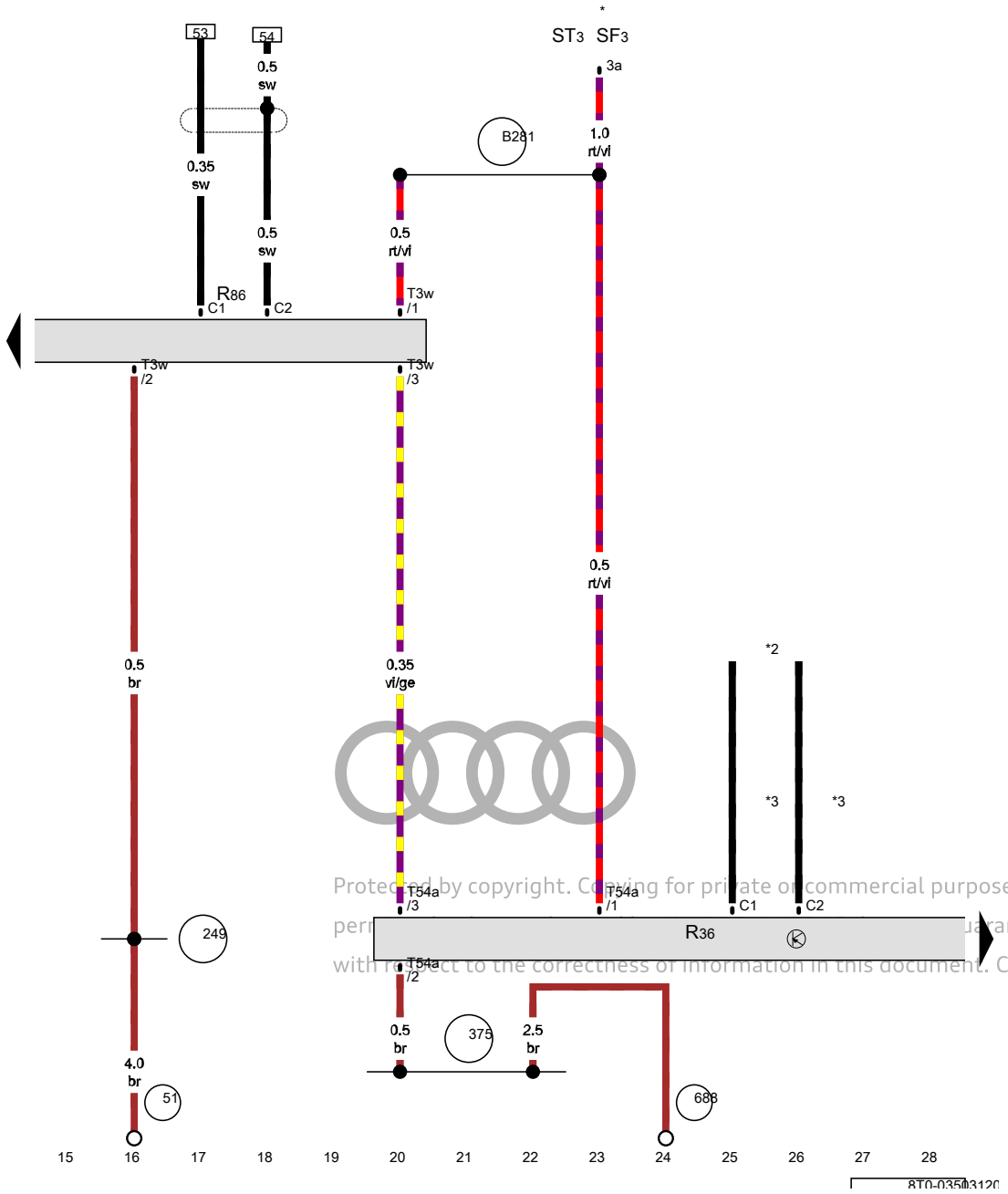
Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Aerial amplifier for mobile telephone, Auxiliary heater aerial

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R86	Aerial amplifier for mobile telephone
R182	Auxiliary heater aerial
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	see applicable current flow diagram
*3	Only models with auxiliary heating
*4	According to equipment



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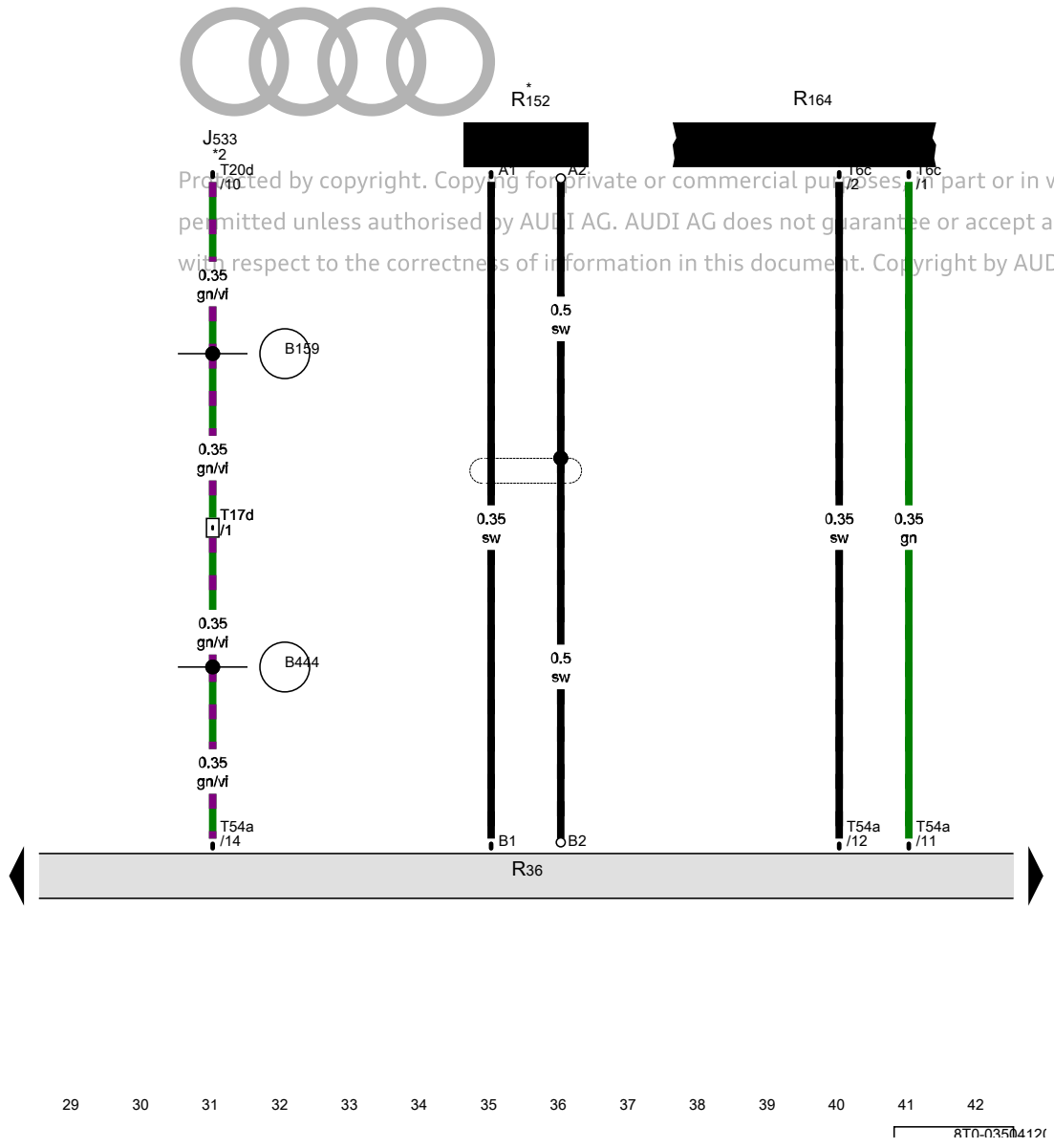
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Telephone transmitter and receiver unit, Aerial amplifier for mobile telephone

R36	Telephone transmitter and receiver unit
R86	Aerial amplifier for mobile telephone
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T3w	3-pin connector
T54a	54-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	Fibre optic cable (FOC)

Data bus diagnostic interface, Telephone transmitter and receiver unit, Telephone microphone, Aerial for Bluetooth, Microphone unit in front roof module

J533	Data bus diagnostic interface
R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
T6c	6-pin connector
T17d	17-pin connector, brown
T20d	20-pin connector
T54a	54-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	Only models with Bluetooth
*2	see applicable current flow diagram

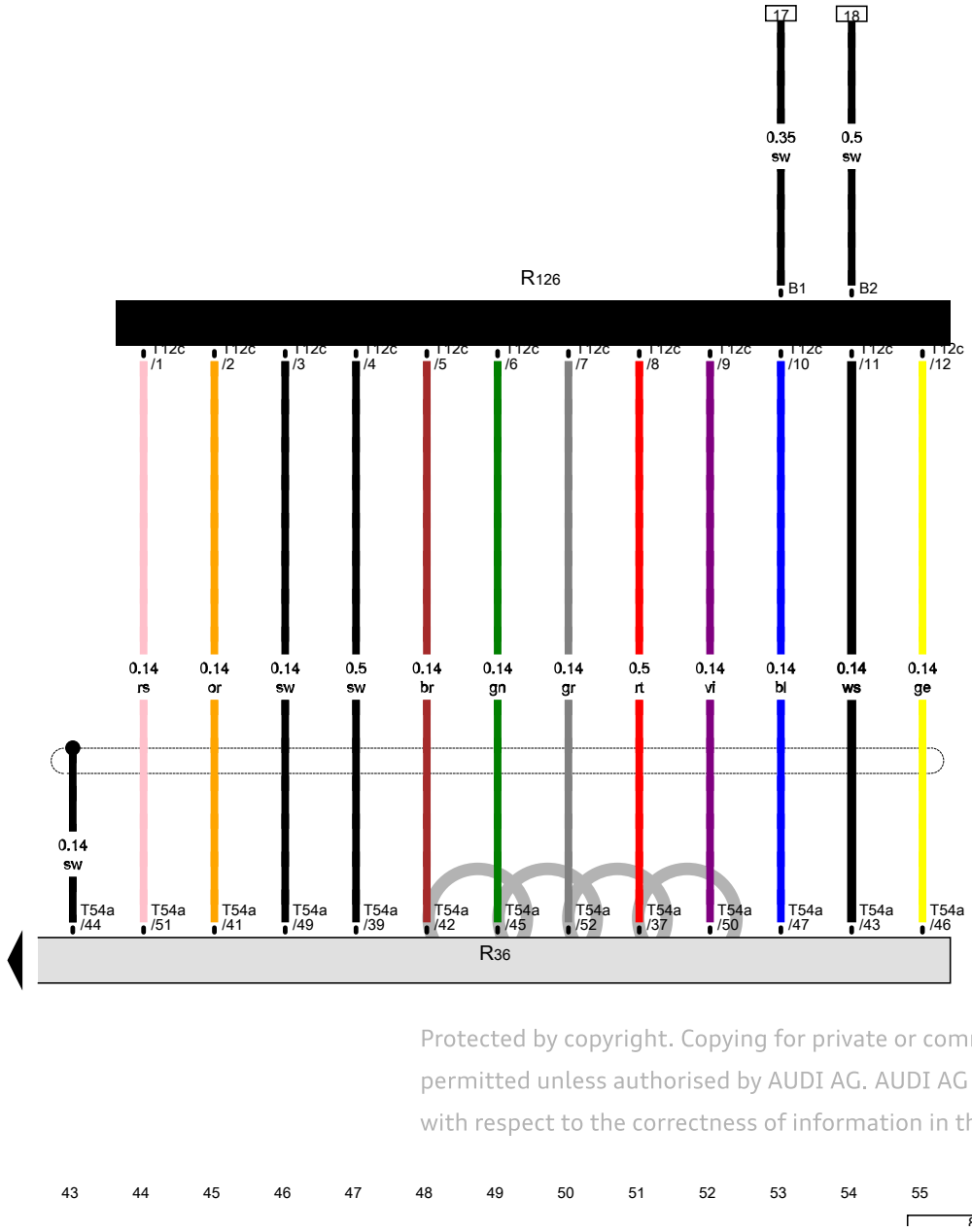


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Telephone transmitter and receiver unit, Telephone bracket

R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T12c	12-pin connector
T54a	54-pin connector



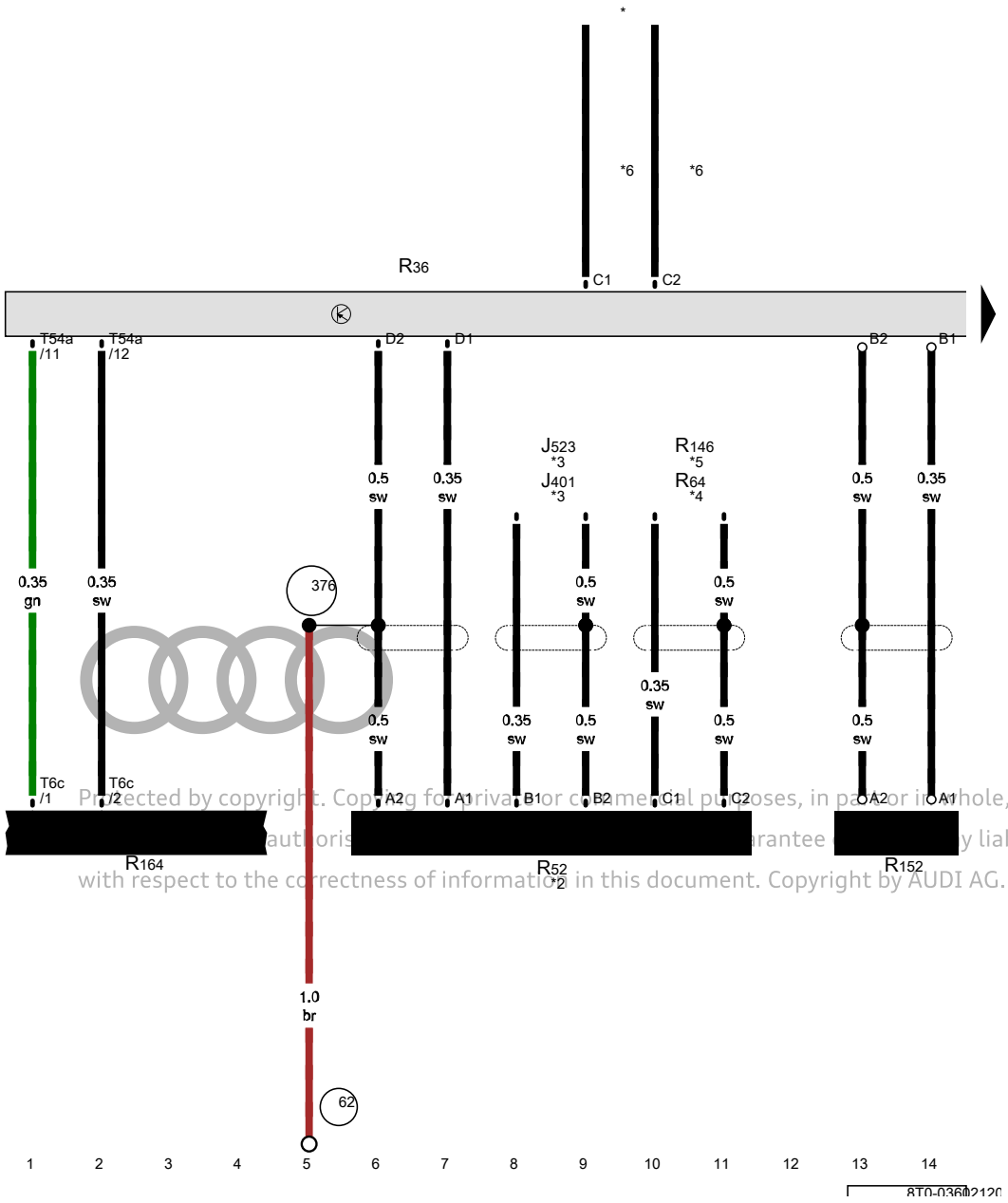
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Bluetooth car phone (MOST bus)

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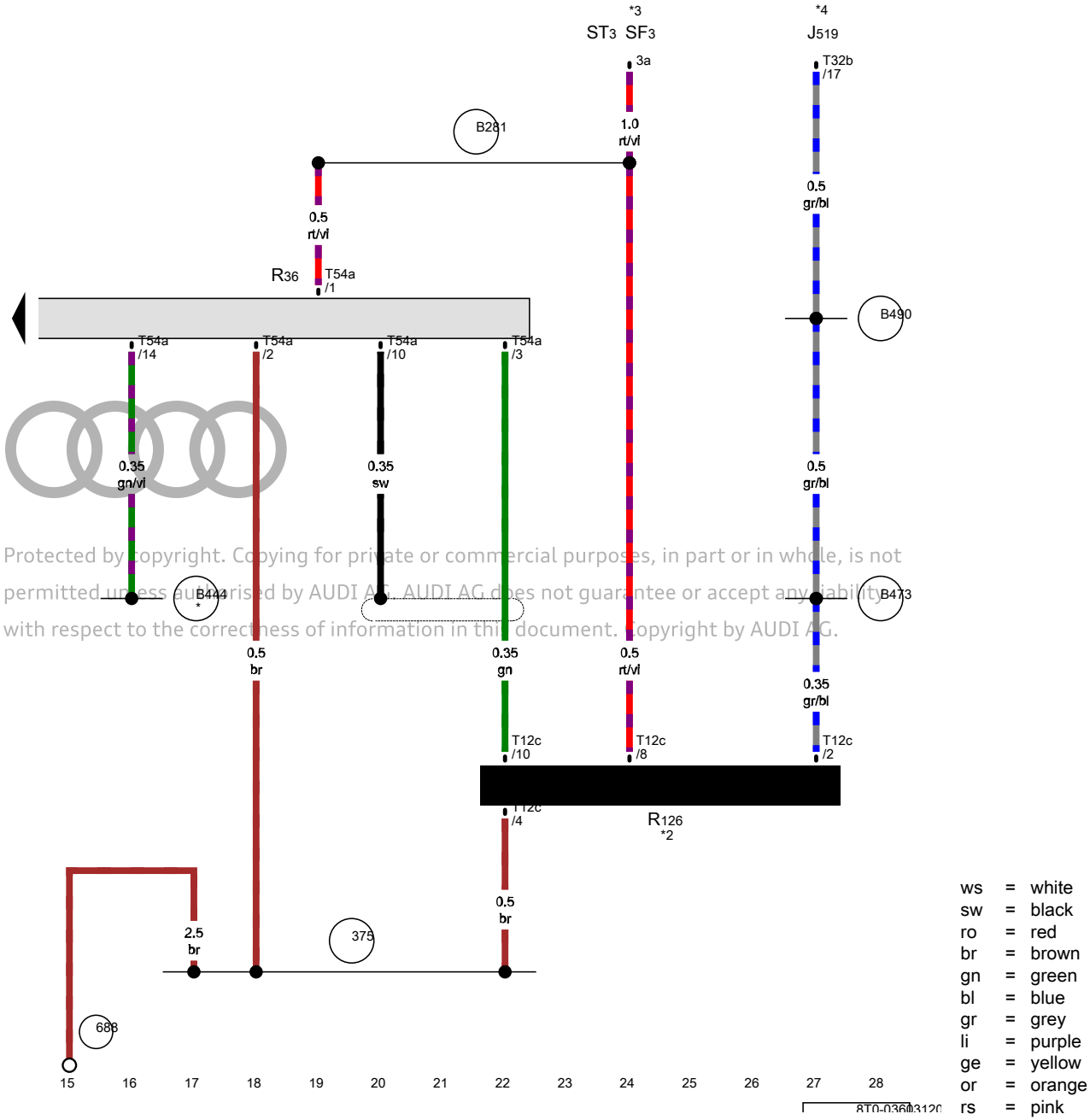


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Navigation system with CD drive control unit, Control unit for front display and information control panel, Telephone transmitter and receiver unit, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Satellite radio, Aerial for Bluetooth, Microphone unit in front roof module

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
R36	Telephone transmitter and receiver unit
R38	Telephone microphone
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R146	Satellite radio
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
T6c	6-pin connector
T54a	54-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	see applicable current flow diagram
*2	Roof aerial
*3	According to equipment
*4	Only models with auxiliary heating
*5	Only models with satellite radio
*6	Fibre optic cable (FOC)



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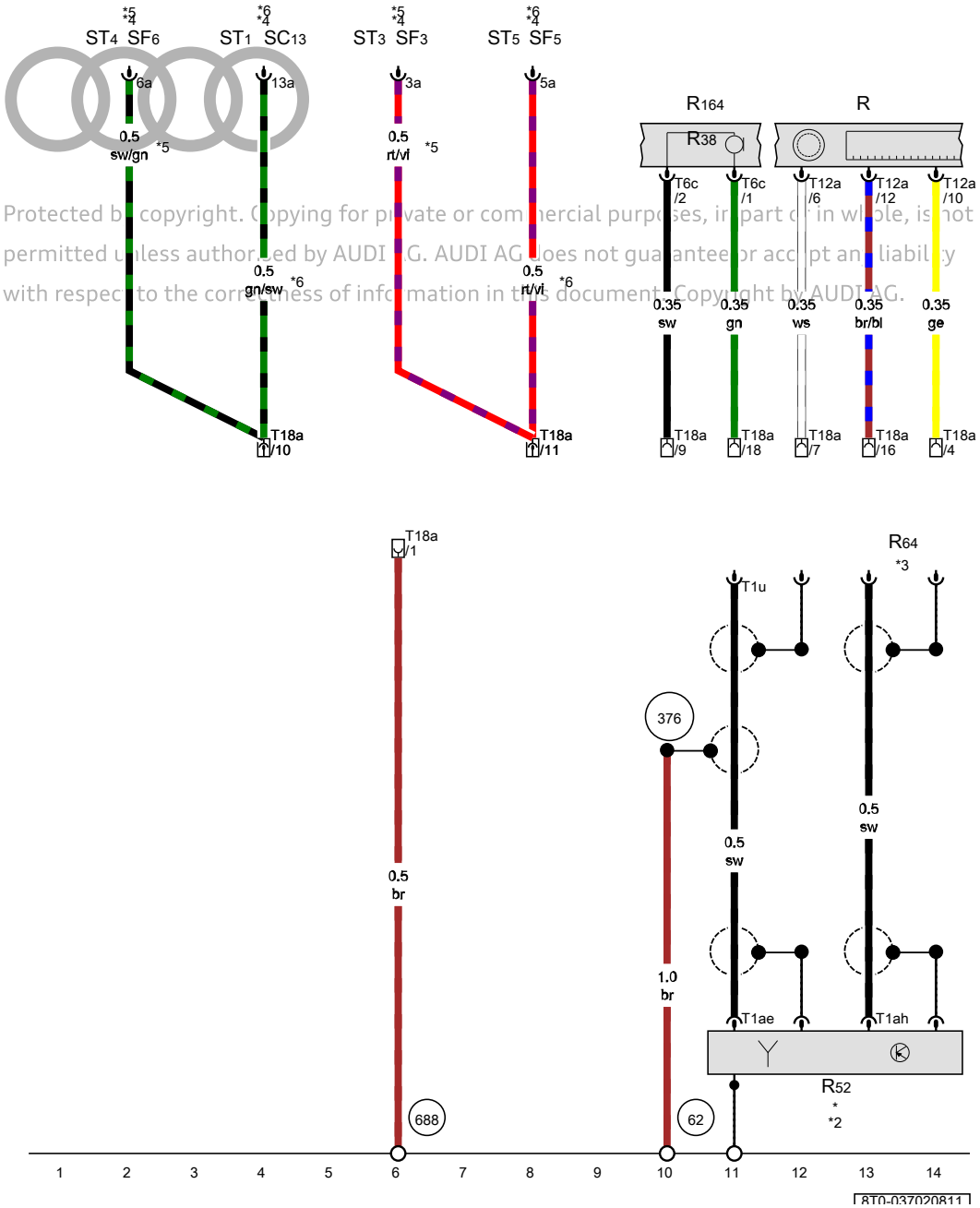
Onboard supply control unit, Telephone transmitter and receiver unit, Telephone bracket

J519	Onboard supply control unit
R36	Telephone transmitter and receiver unit
R126	Telephone bracket
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T12c	12-pin connector
T32b	32-pin connector
T54a	54-pin connector
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram
*2	Only models with centre armrest
*3	see applicable current flow diagram for fuse assignment
*4	see applicable current flow diagram for basic equipment

Preparation for mobile telephone with no hands-free system (infotainment CAN bus)

From September 2007

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Radio, Radio, telephone and navigation system aerial, Microphone unit in front roof module

R	Radio
R38	Telephone microphone
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R164	Microphone unit in front roof module
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
ST4	Fuse carrier 4
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SC13	Fuse 13 on fuse holder C
T1ae	Single connector
T1ah	Single connector
T1u	Single connector
T6c	6-pin connector
T12a	12-pin connector
T18a	18-pin connector, under centre console
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with 2-doors
*2	see applicable current flow diagram
*3	Only models with remote controlled auxiliary heater
*4	see applicable current flow diagram for fuse assignment
*5	Up to April 2009
*6	From May 2009

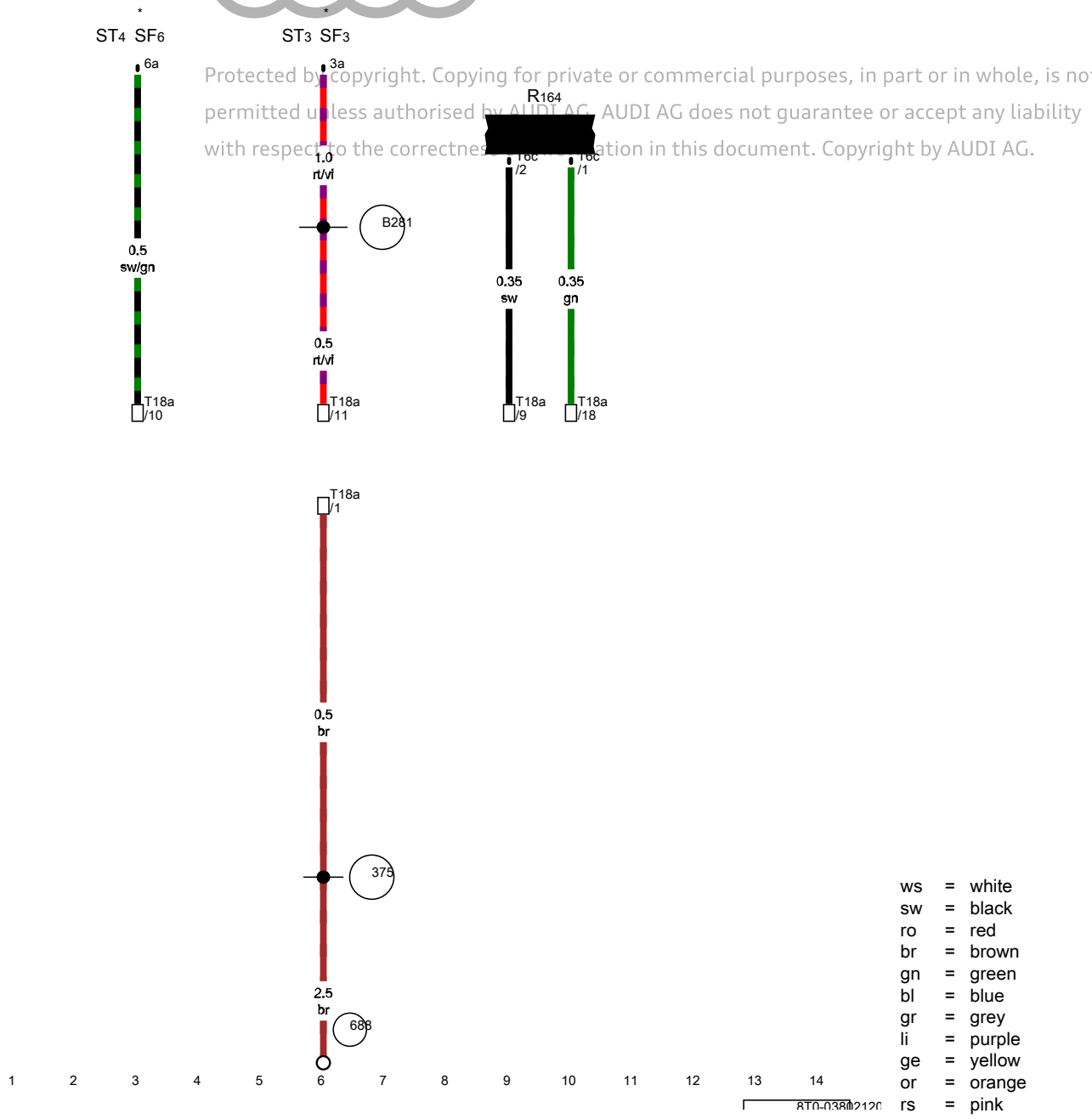
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Preparation for mobile telephone with no hands-free system (MOST bus)

From September 2007

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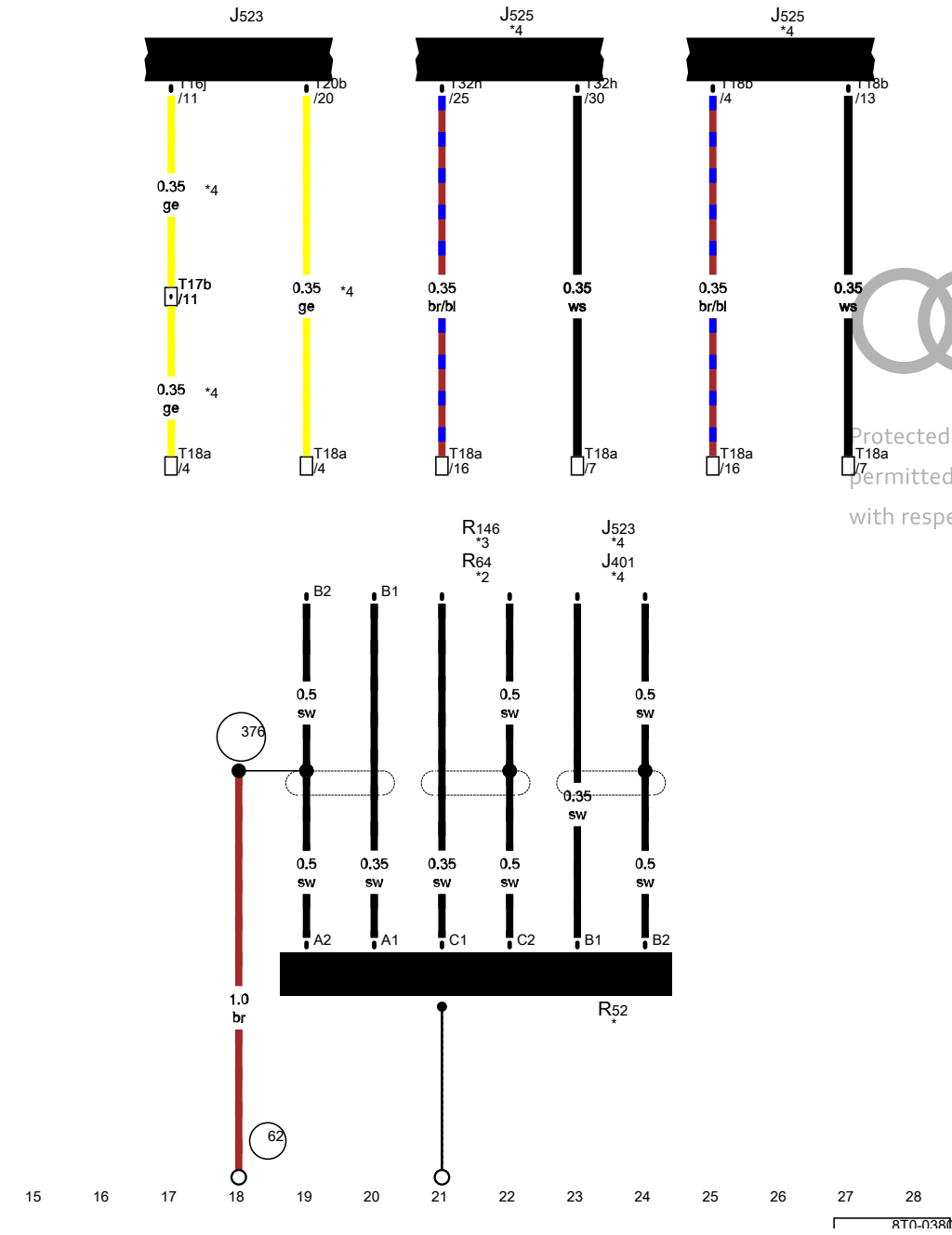
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Microphone unit in front roof module

R38	Telephone microphone
R164	Microphone unit in front roof module
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
T6c	6-pin connector
T18a	18-pin connector, under centre console
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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or	=	orange
rs	=	pink



Radio, telephone and navigation system aerial

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
J525	Digital sound package control unit
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R146	Satellite radio
T16j	16-pin connector
T17b	17-pin connector, blue
T18a	18-pin connector, under centre console
T18b	18-pin connector
T20b	20-pin connector
T32h	32-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	Only models with auxiliary heating
*3	Only models with satellite radio
*4	According to equipment

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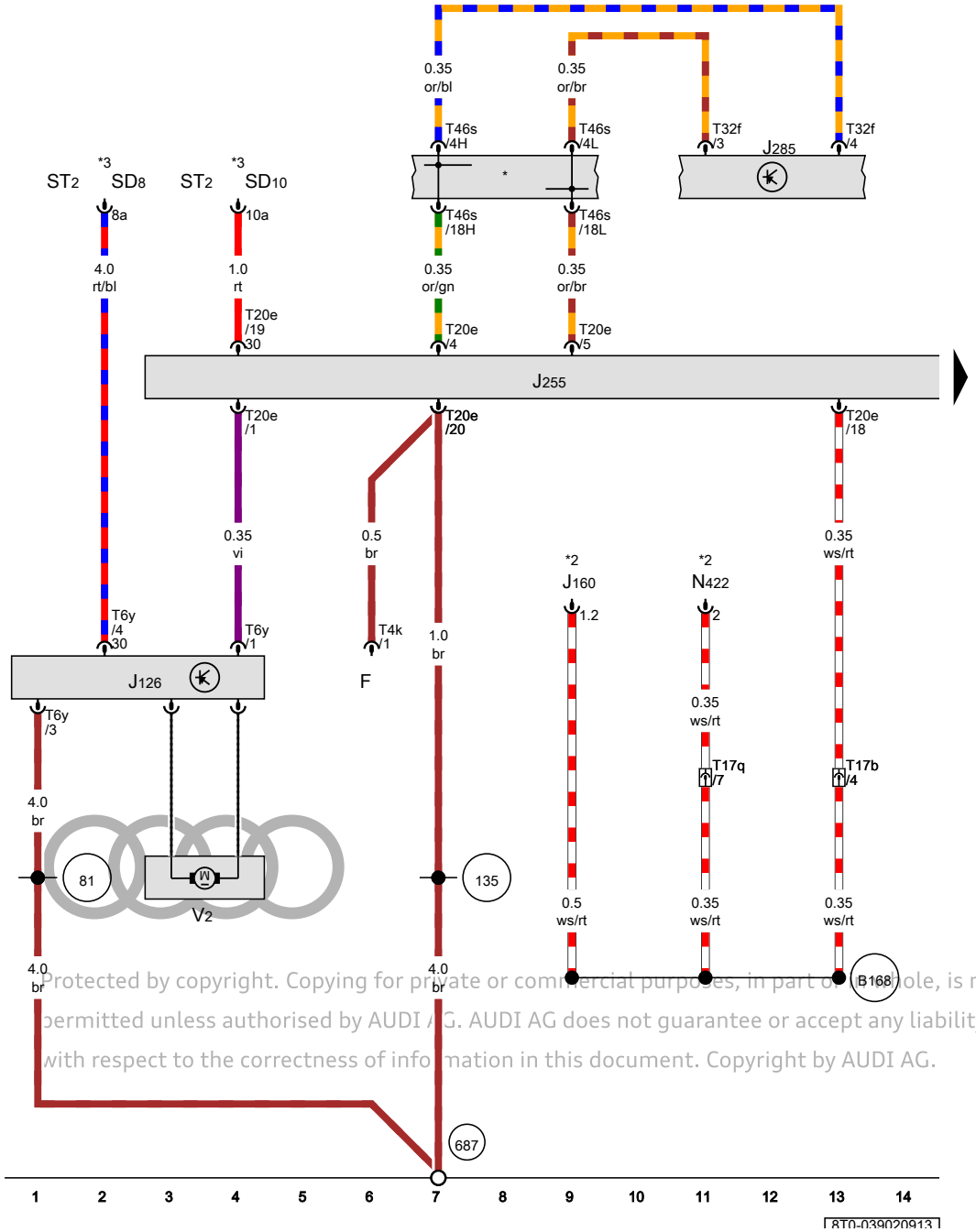
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Automatic air conditioning system, luxury Climatronic

From June 2007

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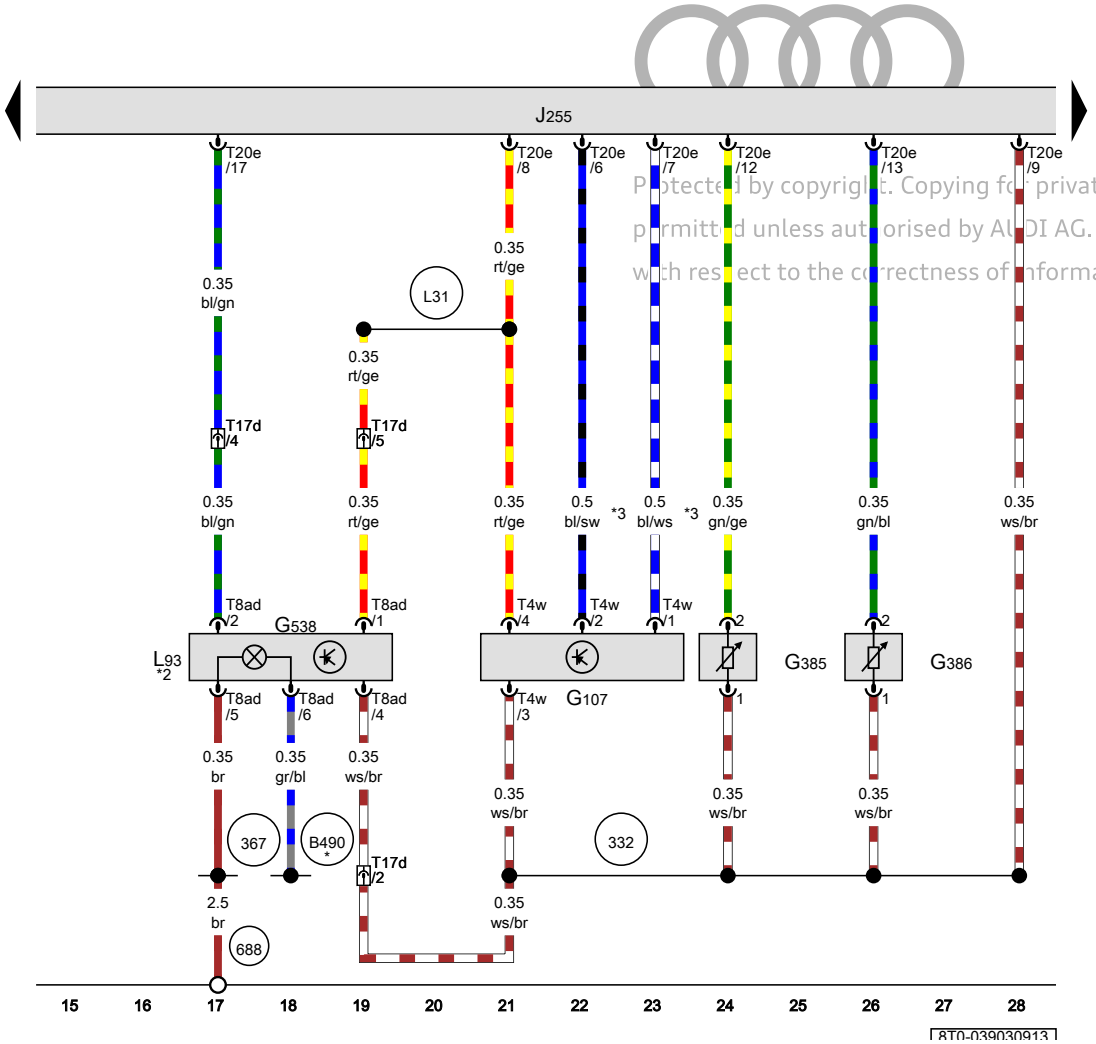
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Fresh air blower control unit, Fresh air blower

F	Brake light switch
J126	Fresh air blower control unit
J160	Circulation pump relay
J255	Climatronic control unit
J285	Control unit in dash panel insert
N422	Climatronic coolant shut-off valve
ST2	Fuse carrier 2
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
T4k	4-pin connector
T6y	6-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
V2	Fresh air blower
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B168	Connection (86), in interior wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for fuse assignment

Sunlight penetration photosensor, Potentiometer for rear temperature selection

G107	Sunlight penetration photosensor
G385	Front left chest vent temperature sensor
G386	Front right chest vent temperature sensor
G538	Potentiometer for rear temperature selection
J255	Climatronic control unit
L93	Temperature regulating switch illumination bulb
T4w	4-pin connector
T8ad	8-pin connector
T17d	17-pin connector, brown
T20e	20-pin connector
332	Earth connection 4, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B490	Connection 26, in main wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	see applicable current flow diagram for basic equipment
*2	Optional equipment
*3	Cross section depends on equipment



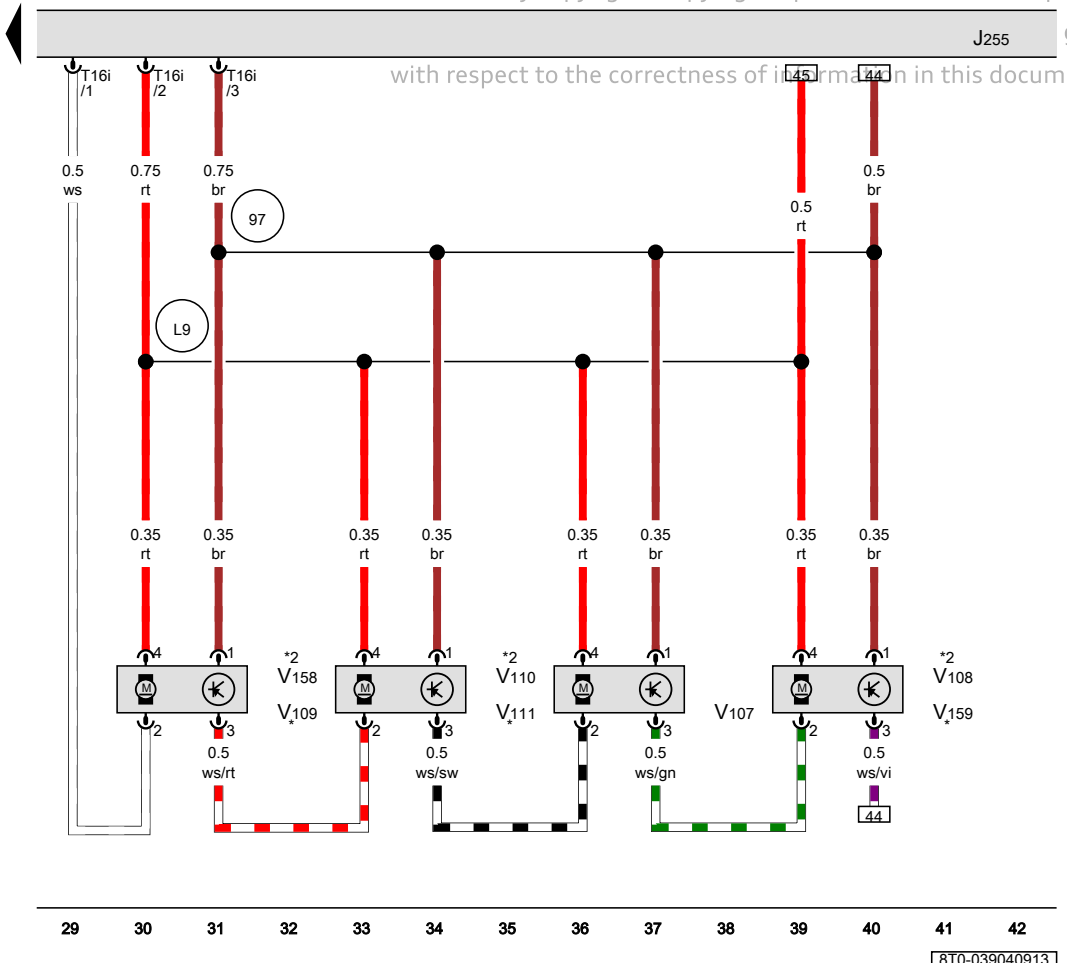
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Defroster flap control motor, Right centre vent control motor

J255	Climatronic control unit
T16i	16-pin connector
V107	Defroster flap control motor
V108	Left footwell flap control motor
V109	Right footwell flap control motor
V110	Left centre vent control motor
V111	Right centre vent control motor
V158	Left temperature flap control motor
V159	Right temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

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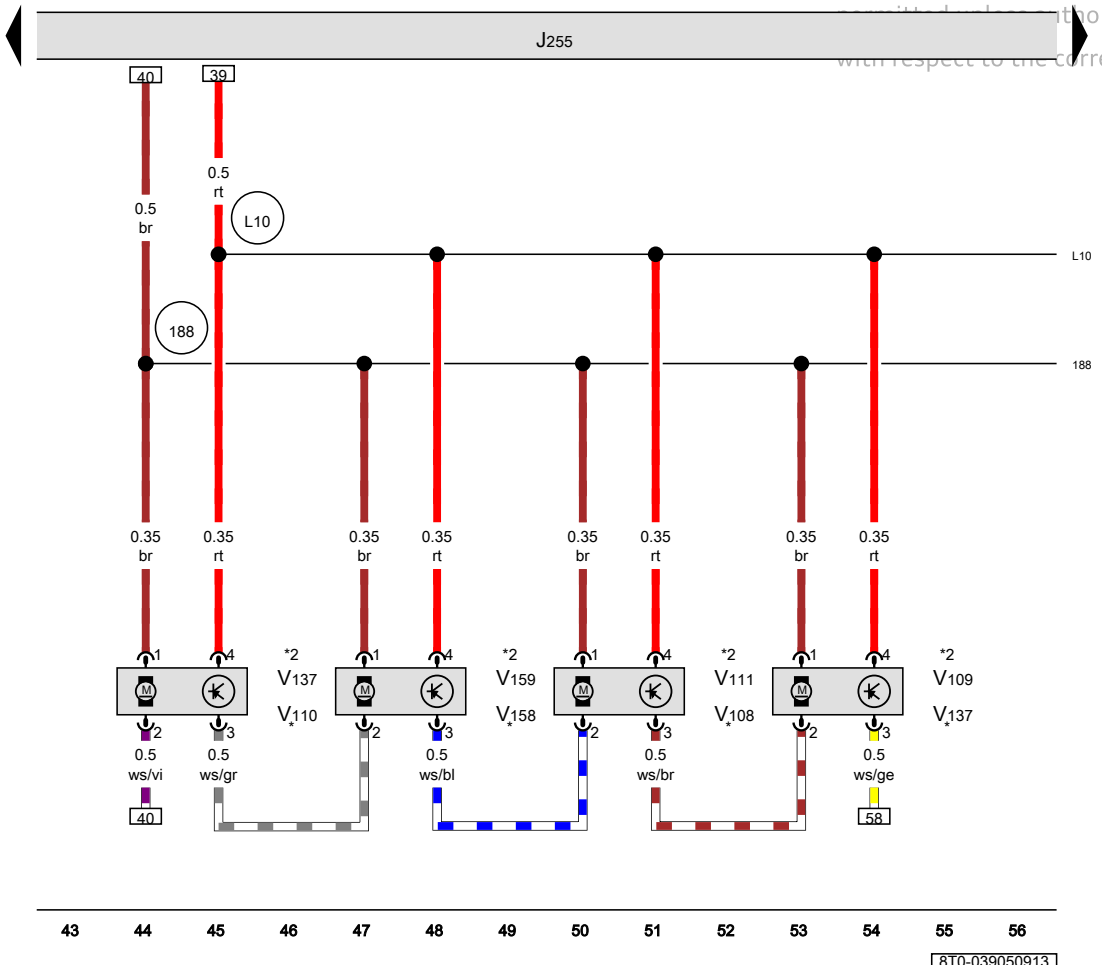


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Left footwell flap control motor, Left temperature flap control motor

J255	Climatronic control unit
V108	Left footwell flap control motor
V109	Right footwell flap control motor
V110	Left centre vent control motor
V111	Right centre vent control motor
V137	Rear temperature flap control motor
V158	Left temperature flap control motor
V159	Right temperature flap control motor
188	Earth connection 3, in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

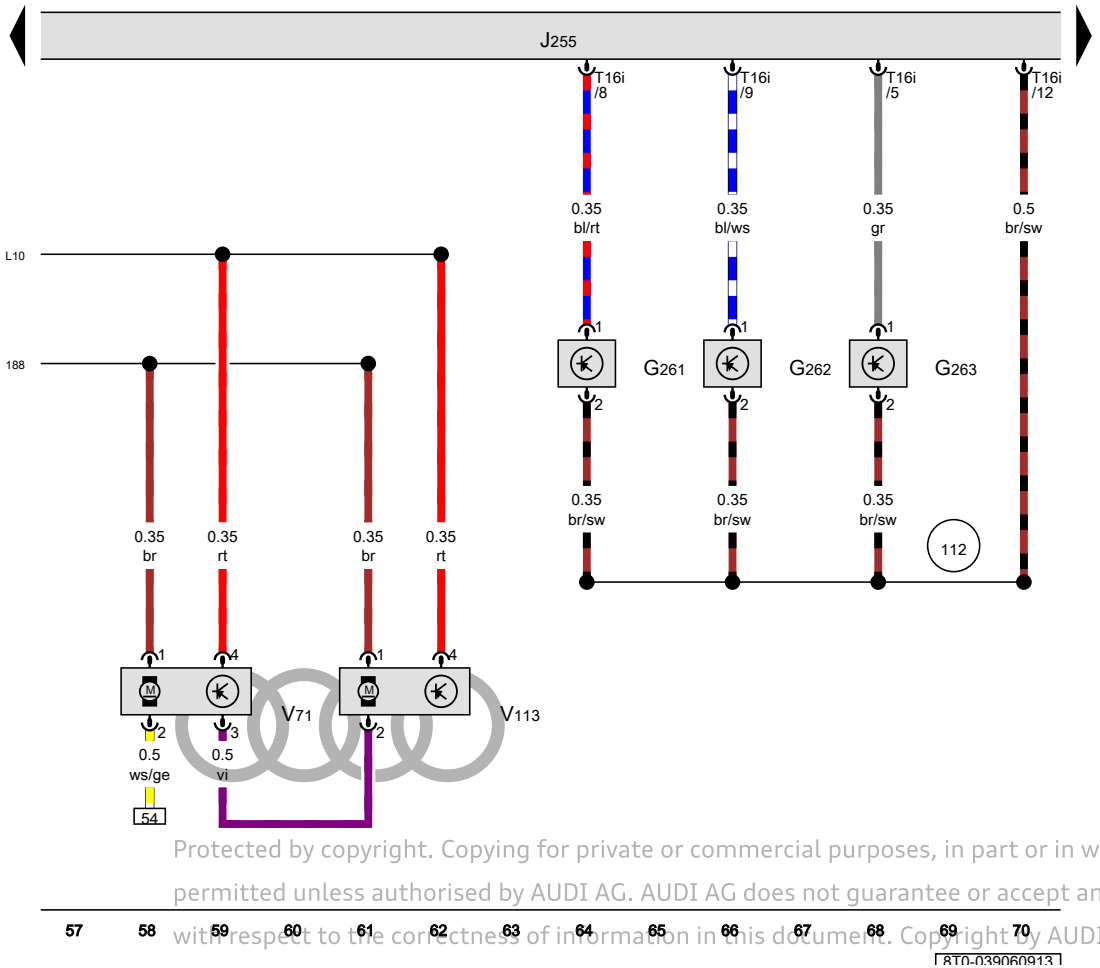
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Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator output temperature sender, Air flow flap control motor, Air recirculation flap control motor

G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T16i	16-pin connector
V71	Air flow flap control motor
V113	Air recirculation flap control motor
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness

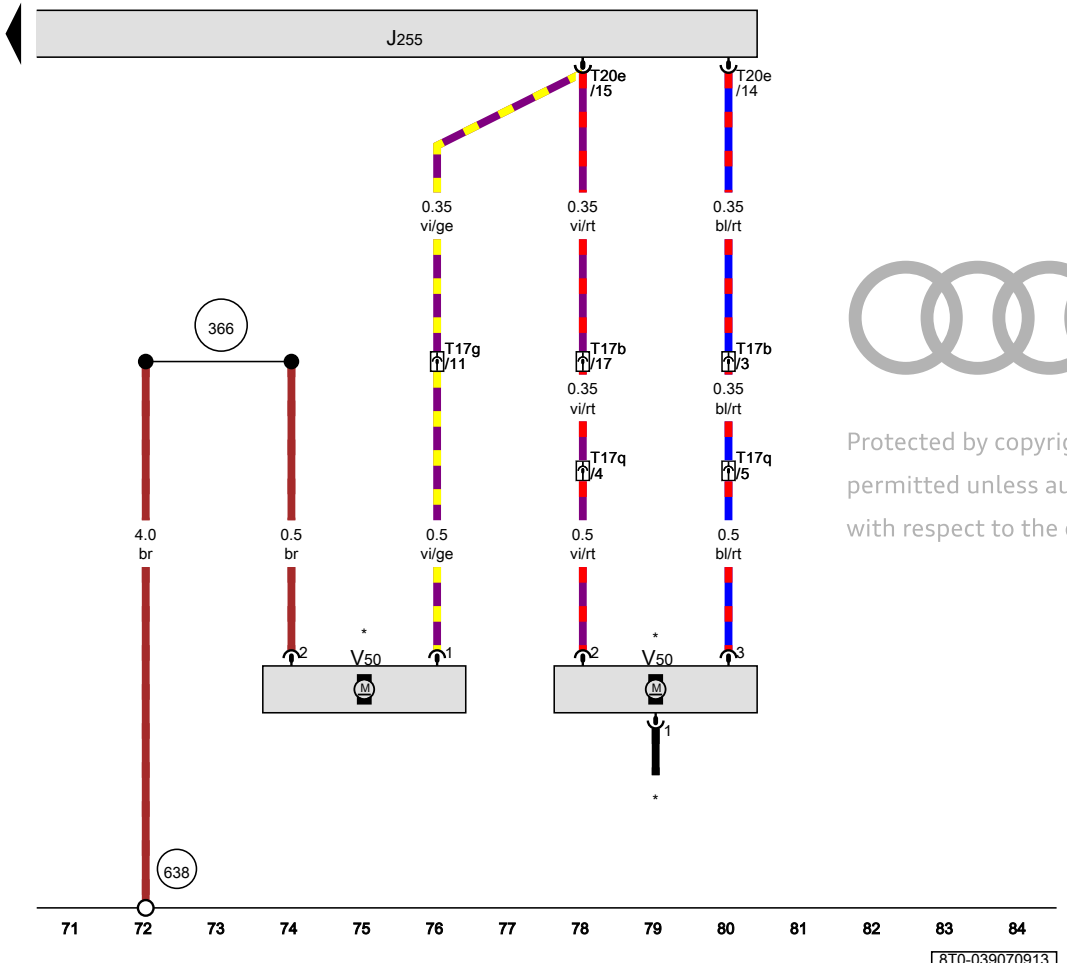


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Coolant circulation pump

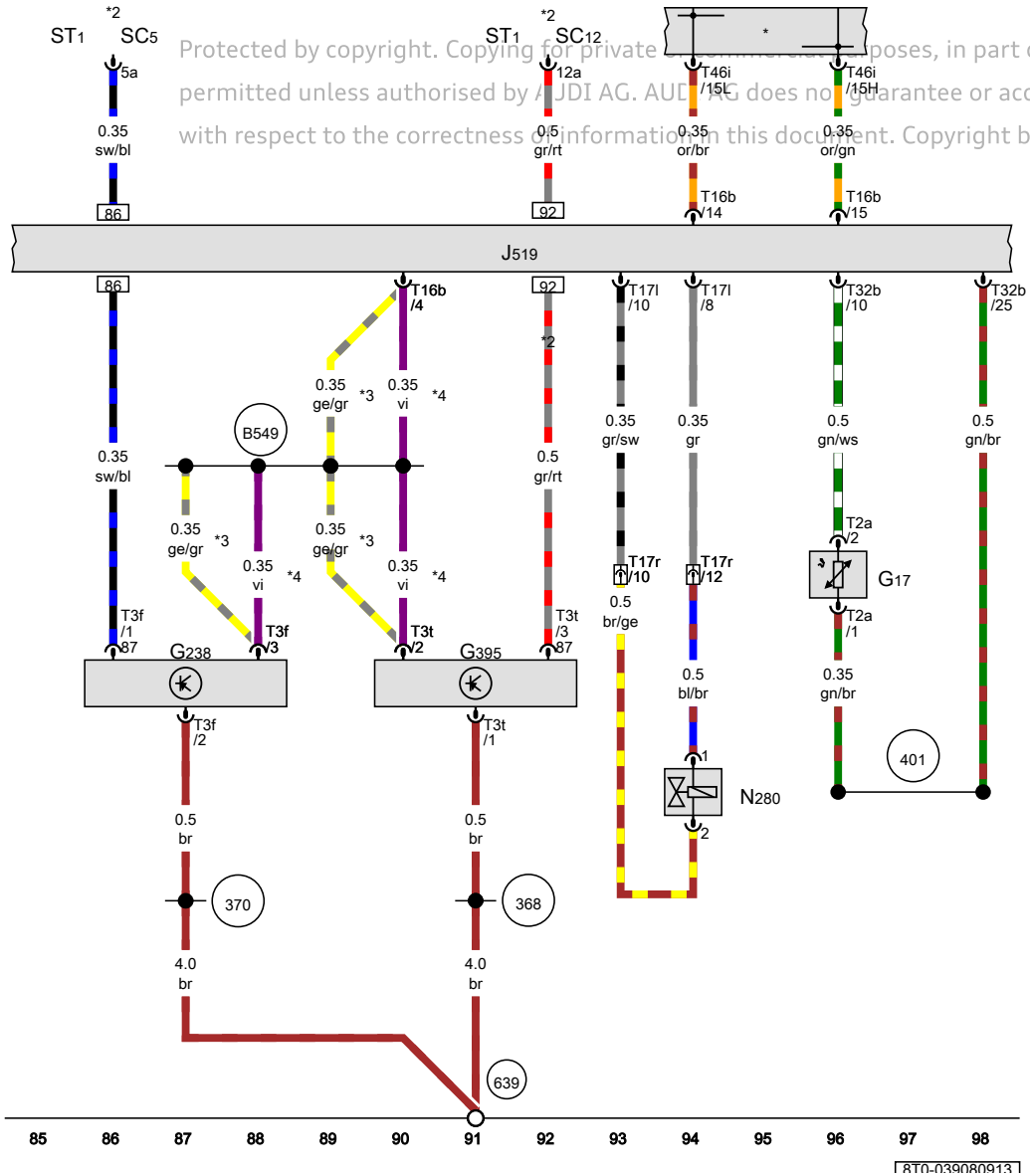
J255	Climatronic control unit
T17b	17-pin connector, blue
T17g	17-pin connector, black
T17q	17-pin connector, red
T20e	20-pin connector
V50	Coolant circulation pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
*	see applicable current flow diagram for engine



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

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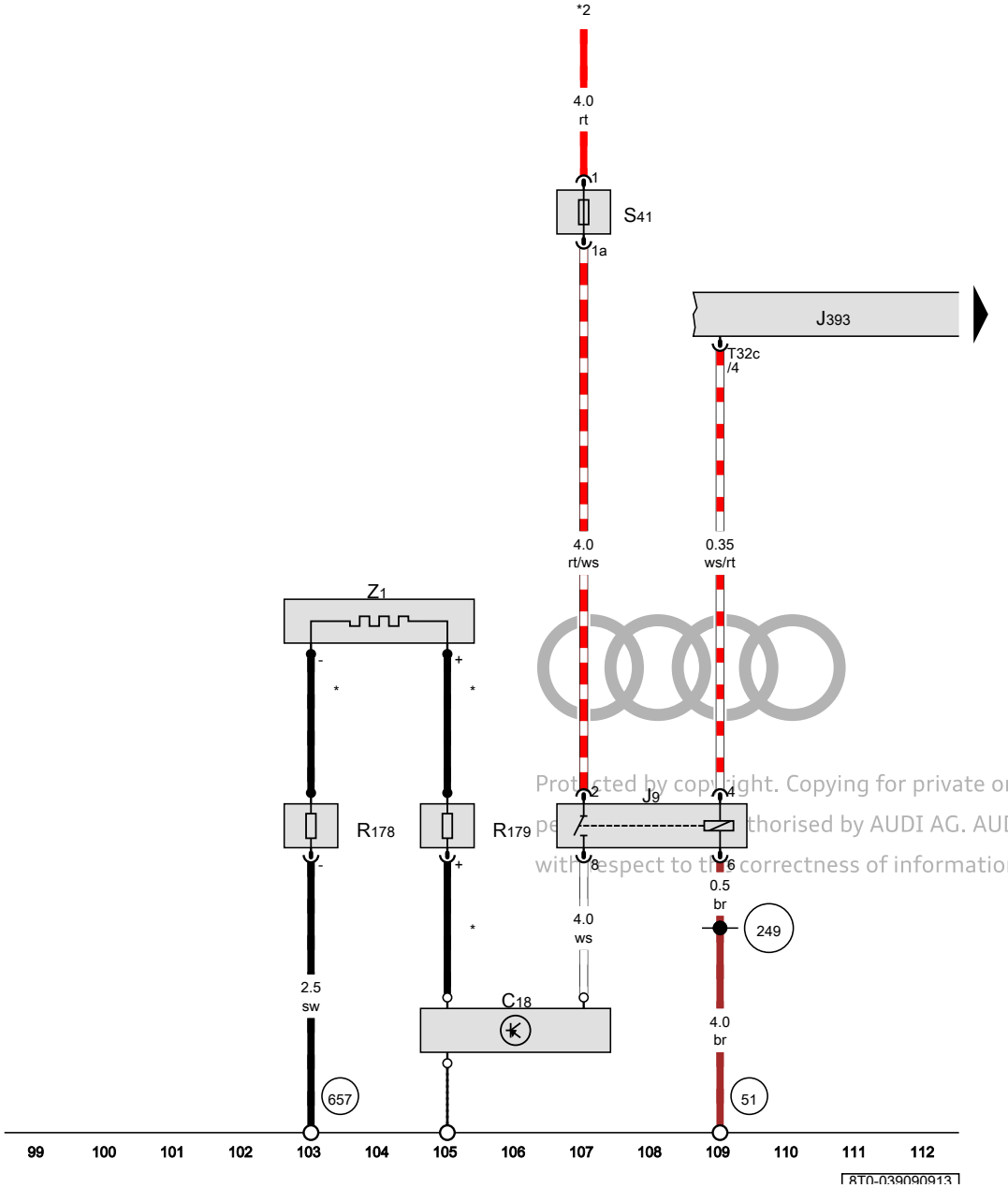
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Ambient temperature sensor, Refrigerant pressure and temperature sender, Air conditioner compressor regulating valve

G17	Ambient temperature sensor
G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SC5	Fuse 5 on fuse holder C
SC12	Fuse 12 on fuse holder C
T2a	2-pin connector
T3f	3-pin connector, black
T3t	3-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
T46i	46-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
639	Earth point, left A-pillar
B549	Connection 2 (LIN bus) in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment
*3	gradual introduction
*4	Gradually discontinued

Convenience system central control unit, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Heated rear window

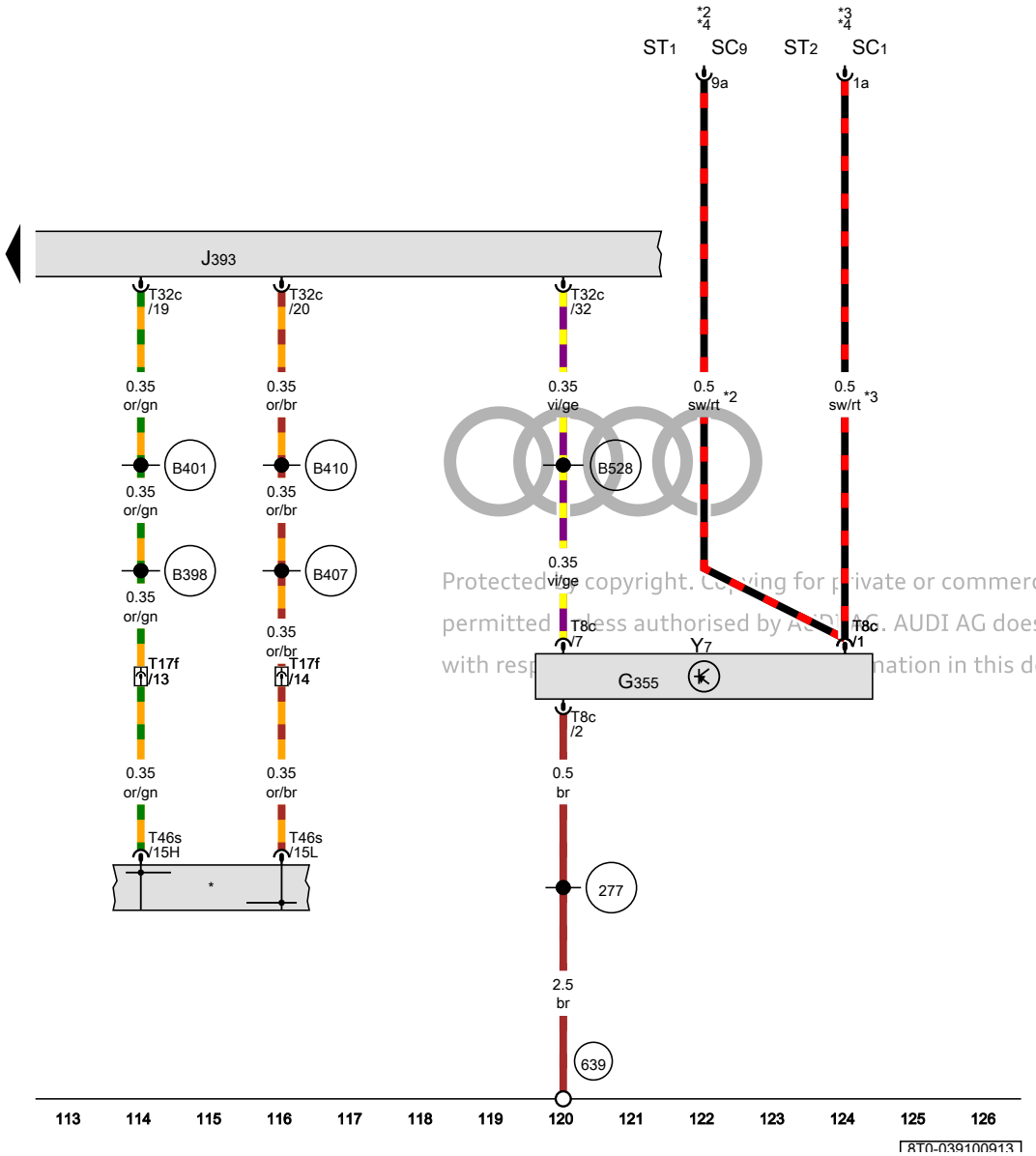
C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T32c	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left near rear window
*	Cross section depends on equipment
*2	see applicable current flow diagram for fuse assignment



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Humidity sender, Convenience system central control unit, Automatic anti-dazzle interior mirror



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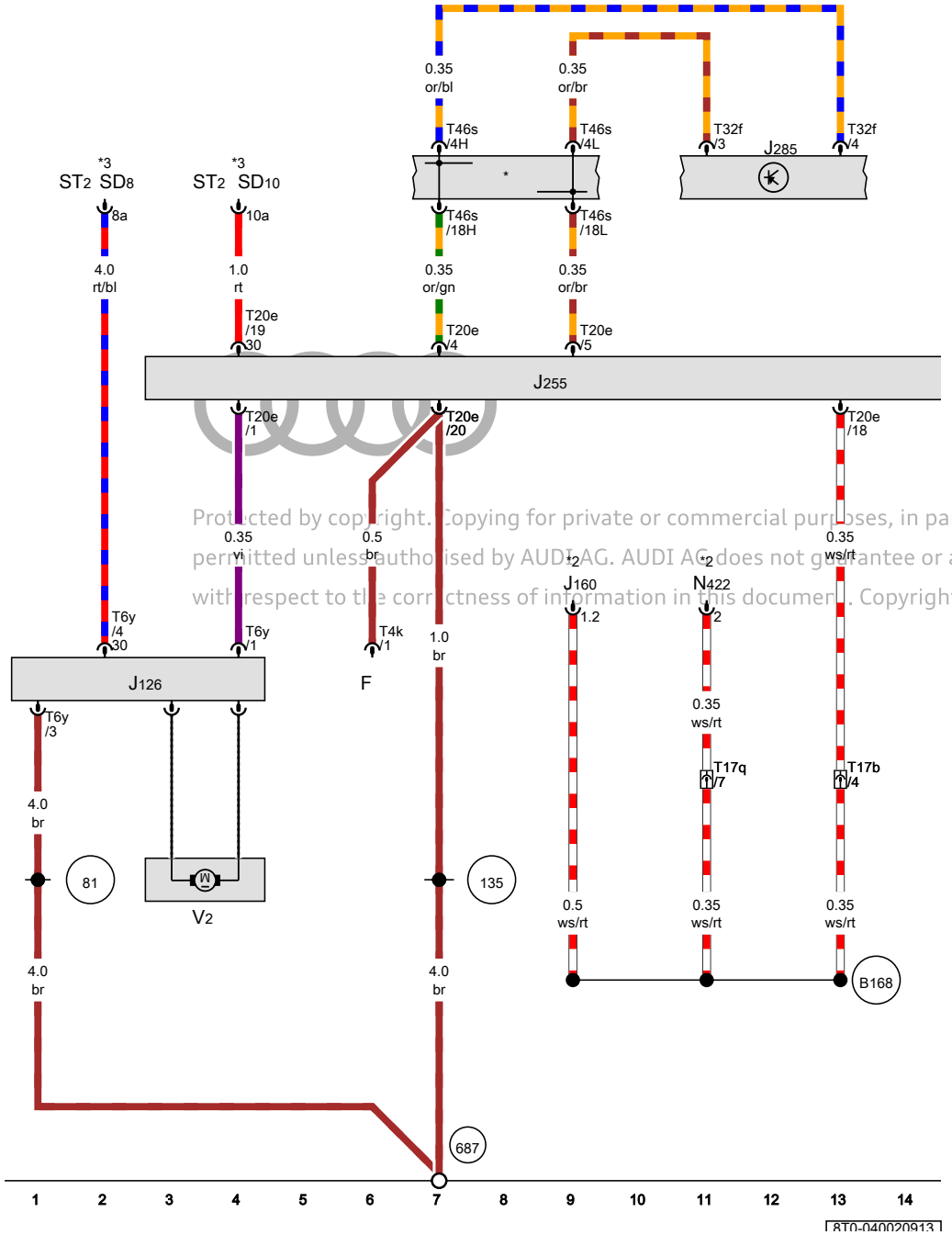
G355	Humidity sender
J393	Convenience system central control unit
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
T8c	8-pin connector
T17f	17-pin connector, brown
T32c	32-pin connector
T46s	46-pin connector
Y7	Automatic anti-dazzle interior mirror
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	Up to April 2009
*3	From May 2009
*4	see applicable current flow diagram for fuse assignment

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Automatic air conditioning system, basic Climatronic

From June 2007

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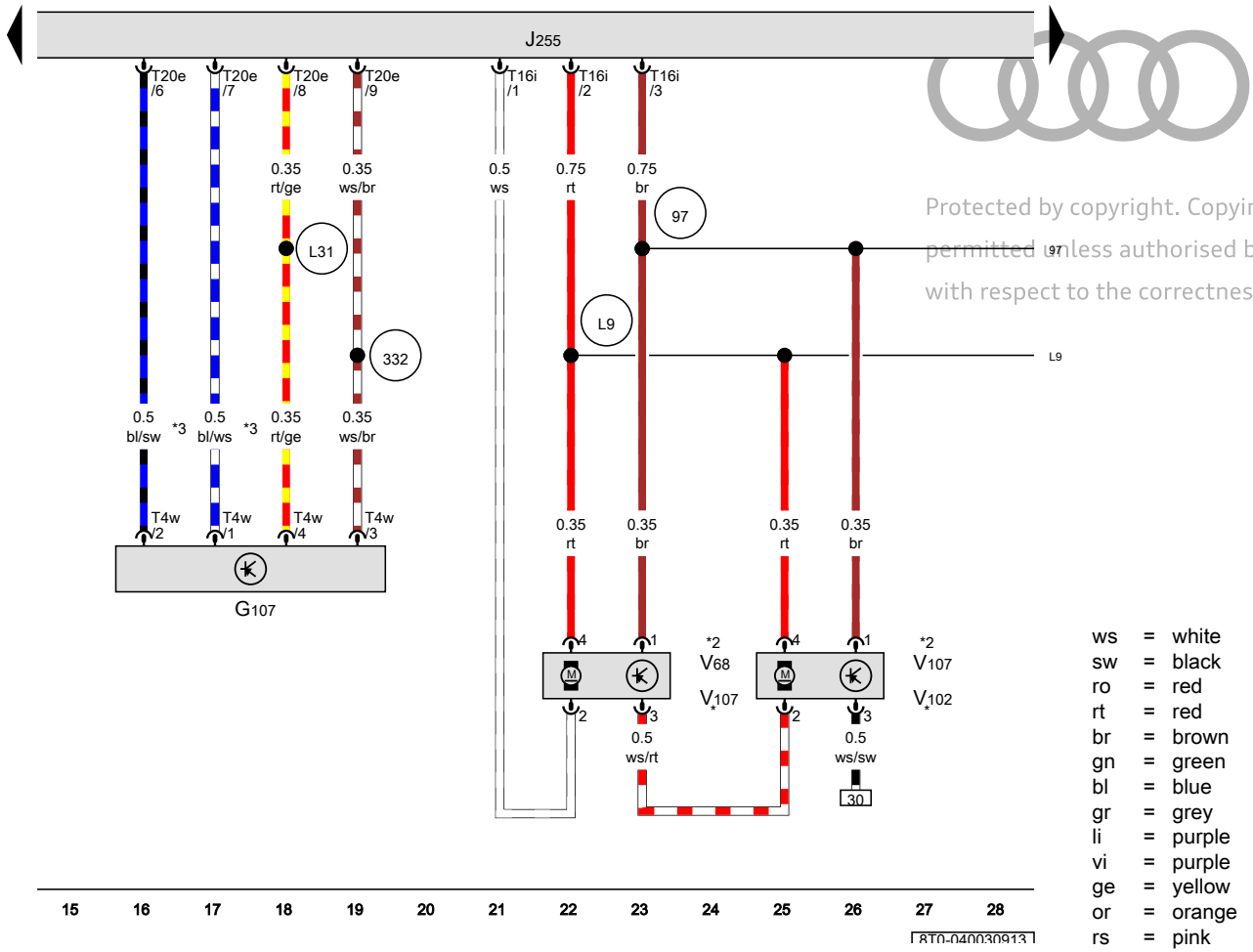
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gn = green
bl = blue
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or = orange
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Fresh air blower control unit

F	Brake light switch
J126	Fresh air blower control unit
J160	Circulation pump relay
J255	Climatronic control unit
J285	Control unit in dash panel insert
N422	Climatronic coolant shut-off valve
ST2	Fuse carrier 2
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
T4k	4-pin connector
T6y	6-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
V2	Fresh air blower
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B168	Connection (86), in interior wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for fuse assignment

Centre vent control motor

G107	Sunlight penetration photosensor
J255	Climatronic control unit
T4w	4-pin connector
T16i	16-pin connector
T20e	20-pin connector
V68	Temperature flap control motor
V102	Centre vent control motor
V107	Defroster flap control motor
97	Earth connection 1, in air conditioning system wiring harness
332	Earth connection 4, in dash panel wiring harness
L9	Connection 1, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models
*3	Cross section depends on equipment

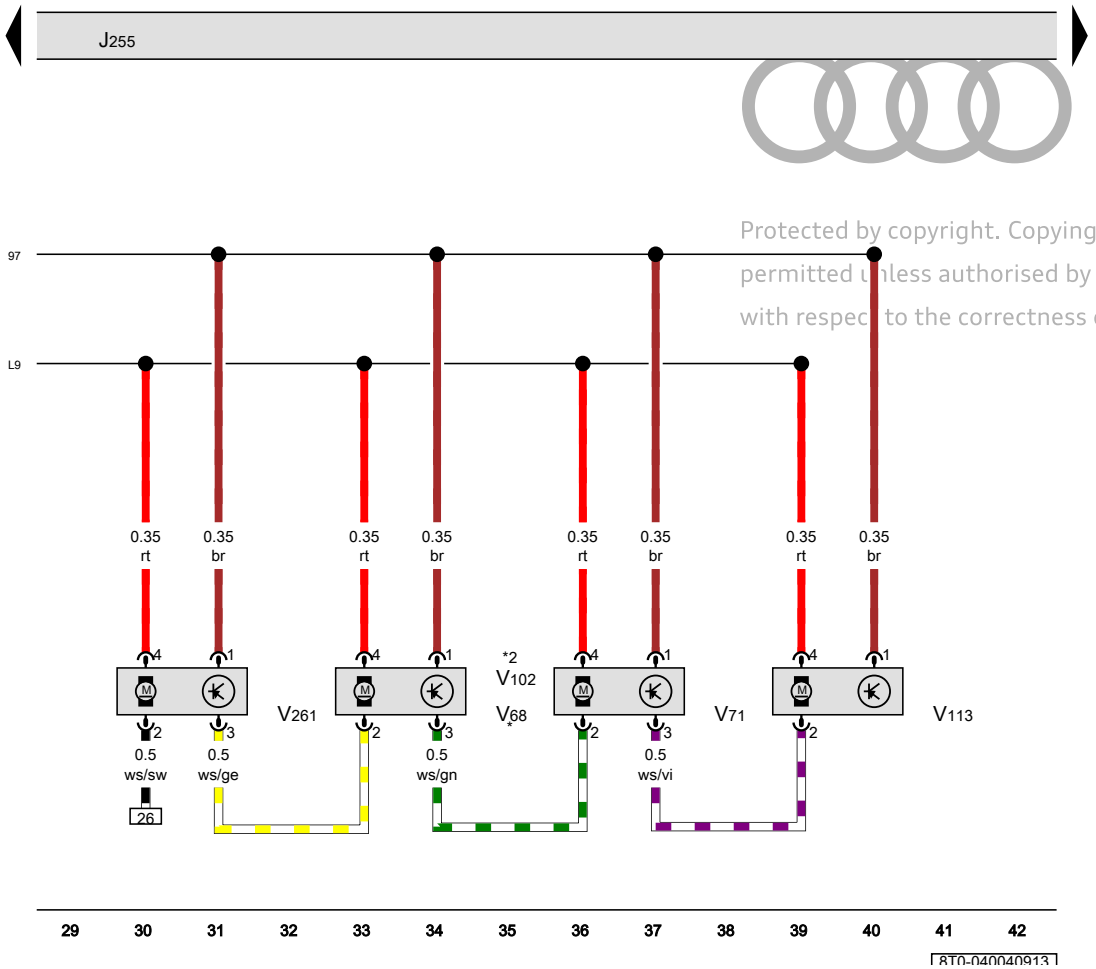


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Air recirculation flap control motor, Footwell flap control motor

J255	Climatronic control unit
V68	Temperature flap control motor
V71	Air flow flap control motor
V102	Centre vent control motor
V113	Air recirculation flap control motor
V261	Footwell flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

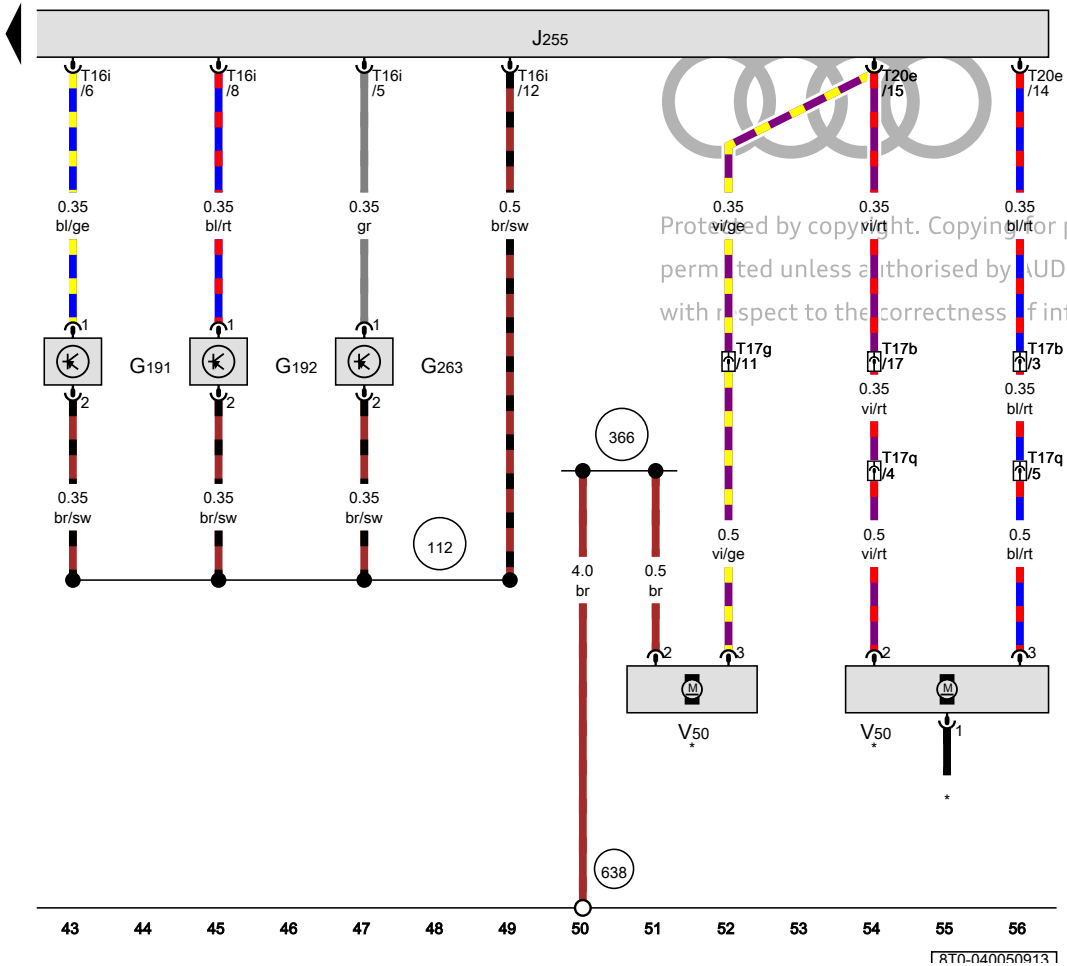


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ge	=	yellow
or	=	orange
rs	=	pink

Centre vent temperature sender, Footwell vent temperature sender, Evaporator output temperature sender, Coolant circulation pump

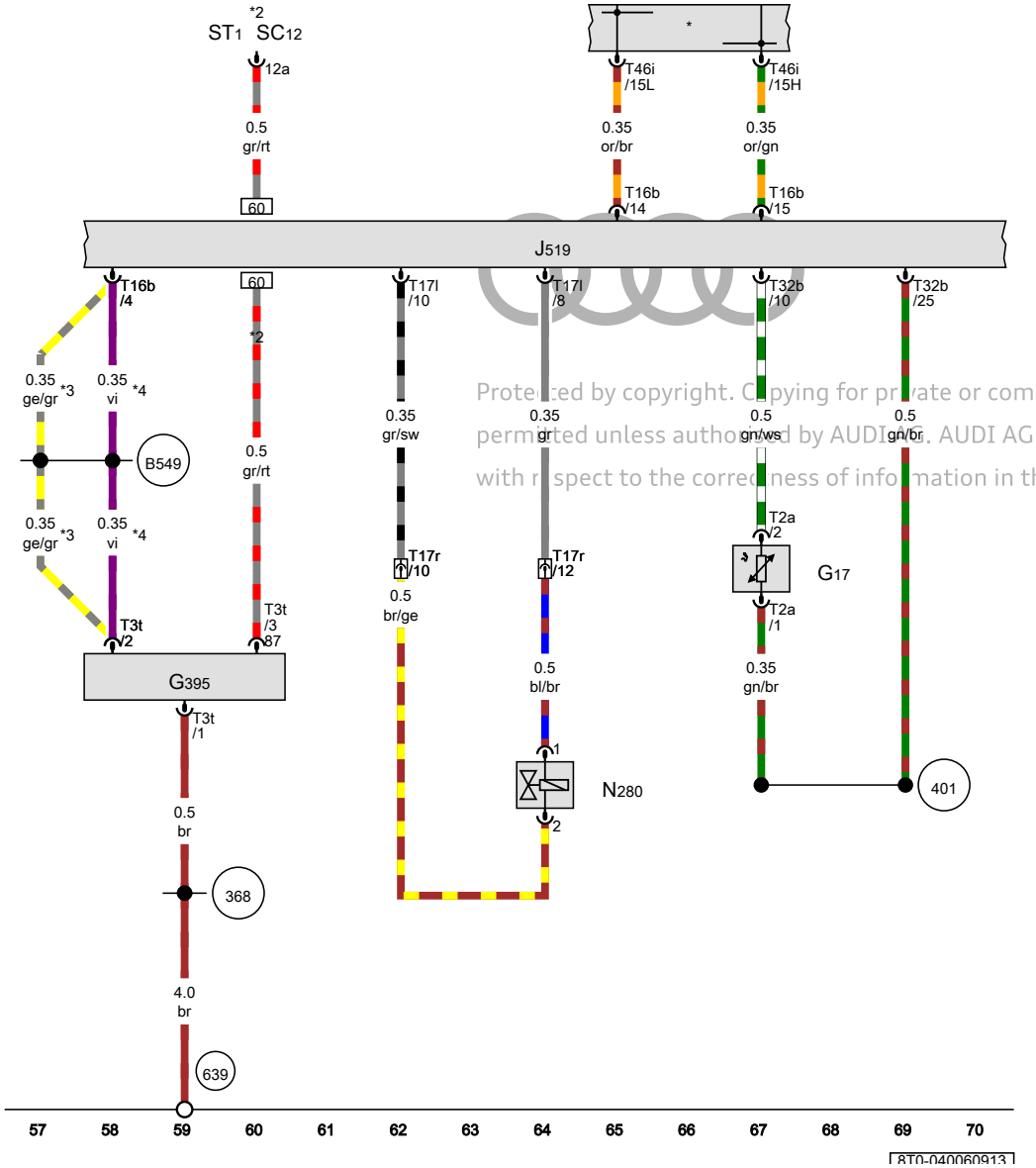
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T16i	16-pin connector
T17b	17-pin connector, blue
T17g	17-pin connector, black
T17q	17-pin connector, red
T20e	20-pin connector
V50	Coolant circulation pump
112	Earth connection 2, in air conditioning system wiring harness
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
*	see applicable current flow diagram for engine



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Air conditioner compressor regulating valve

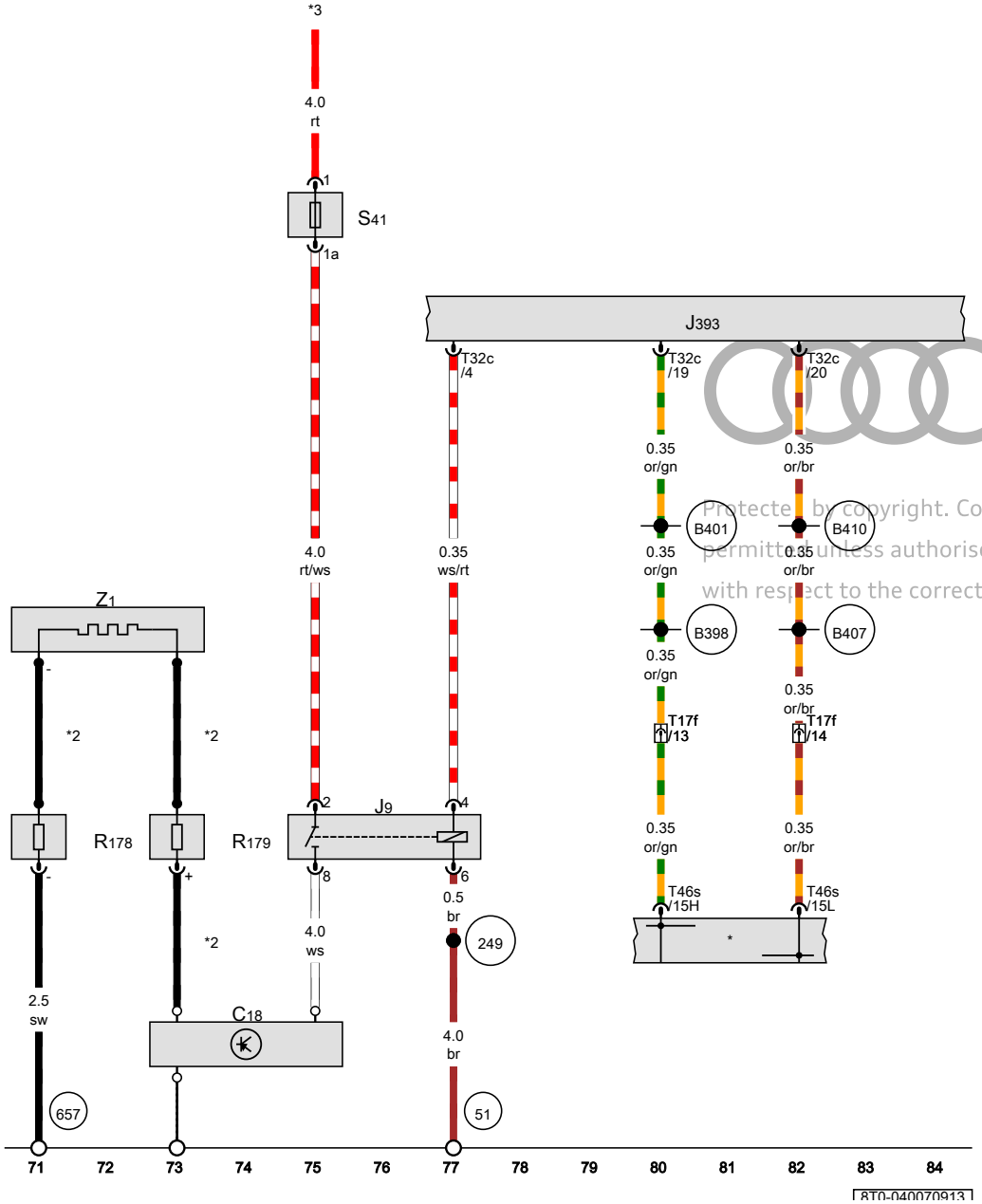


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G17	Ambient temperature sensor
G395	Refrigerant pressure and temperature sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SC12	Fuse 12 on fuse holder C
T2a	2-pin connector
T3t	3-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
T46i	46-pin connector
368	Earth connection 3, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
639	Earth point, left A-pillar
B549	Connection 2 (LIN bus) in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment
*3	gradual introduction
*4	Gradually discontinued

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

Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Heated rear window



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

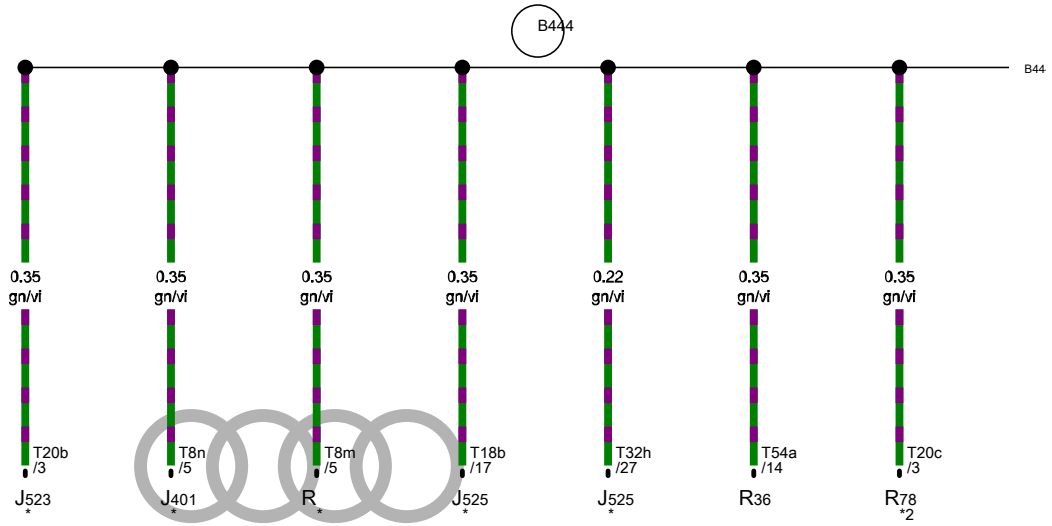
C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T17f	17-pin connector, brown
T32c	32-pin connector
T46s	46-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left near rear window
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	Cross section depends on equipment
*3	see applicable current flow diagram for fuse assignment

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Ring circuit break diagnostic

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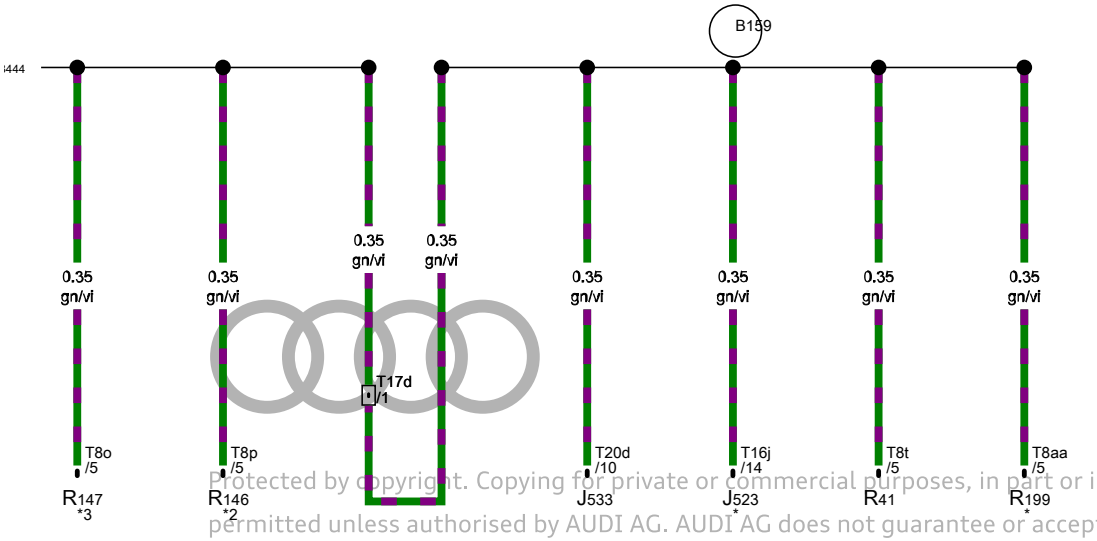
Navigation system with CD drive control unit, Control unit for front display and information control panel, Digital sound package control unit, Radio, Telephone transmitter and receiver unit, TV tuner, Connection 1 (diagnosis), in main wiring harness

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
J525	Digital sound package control unit
R	Radio
R36	Telephone transmitter and receiver unit
R78	TV tuner
T8m	8-pin connector
T8n	8-pin connector
T18b	18-pin connector
T20b	20-pin connector
T20c	20-pin connector
T32h	32-pin connector
T54a	54-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	Only models with TV tuner

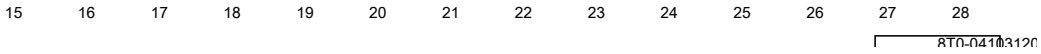
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Control unit for front display and information control panel, Data bus diagnostic interface, CD changer, Satellite radio, Digital radio, Connection for external audio sources, Connection 1 (diagnosis), in main wiring harness

J523	Control unit for front display and information control panel
J533	Data bus diagnostic interface
R41	CD changer
R146	Satellite radio
R147	Digital radio
R199	Connection for external audio sources
T8aa	8-pin connector
T8o	8-pin connector
T8p	8-pin connector
T8t	8-pin connector
T16j	16-pin connector
T17d	17-pin connector, brown
T20d	20-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment
*2	Only models with satellite radio
*3	Only models with digital radio

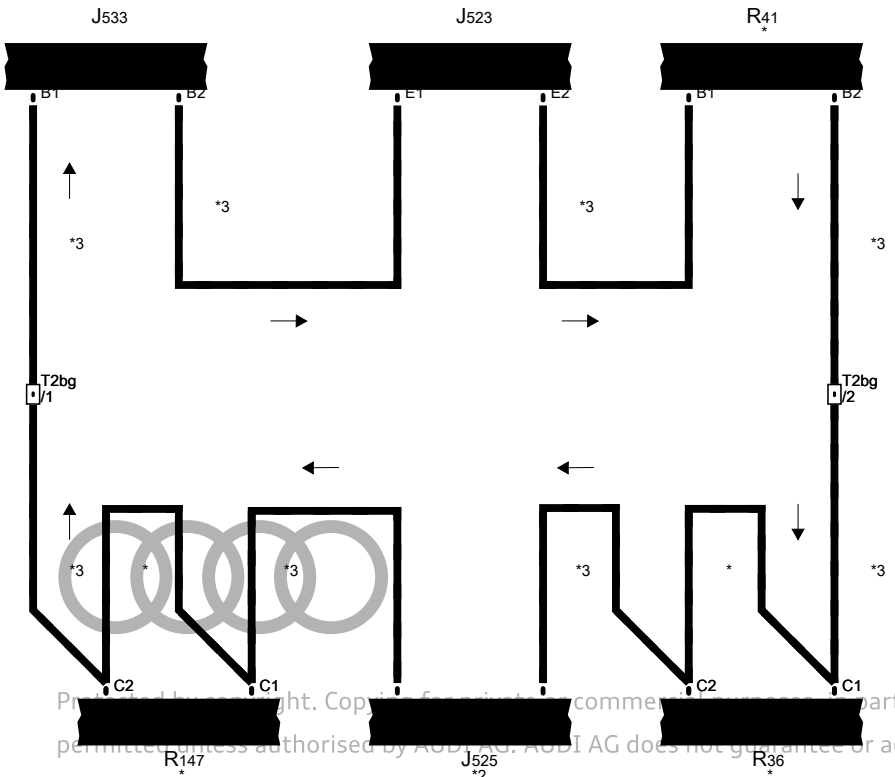
Infotainment MOST bus

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Control unit for front display and information control panel, Digital sound package control unit, Data bus diagnostic interface, Telephone transmitter and receiver unit, CD changer, Digital radio

J523	Control unit for front display and information control panel
J525	Digital sound package control unit
J533	Data bus diagnostic interface
R36	Telephone transmitter and receiver unit
R41	CD changer
R147	Digital radio
T2bg	2-pin connector, near glove compartment
*	According to equipment
*2	see applicable current flow diagram
*3	Fibre optic cable (FOC)



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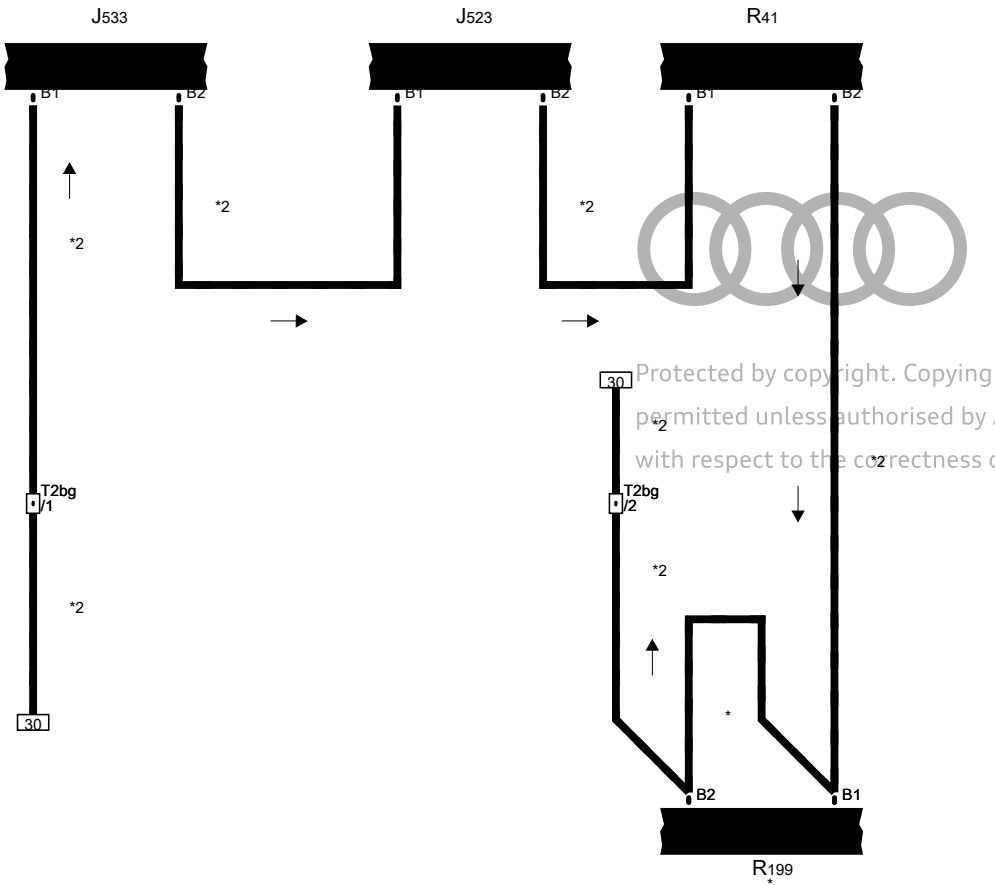
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or	=	orange
rs	=	pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

8T0-042012120

Control unit for front display and information control panel, Data bus diagnostic interface, CD changer, Connection for external audio sources

J523	Control unit for front display and information control panel
J533	Data bus diagnostic interface
R41	CD changer
R199	Connection for external audio sources
T2bg	2-pin connector, near glove compartment
*	According to equipment
*2	Fibre optic cable (FOC)

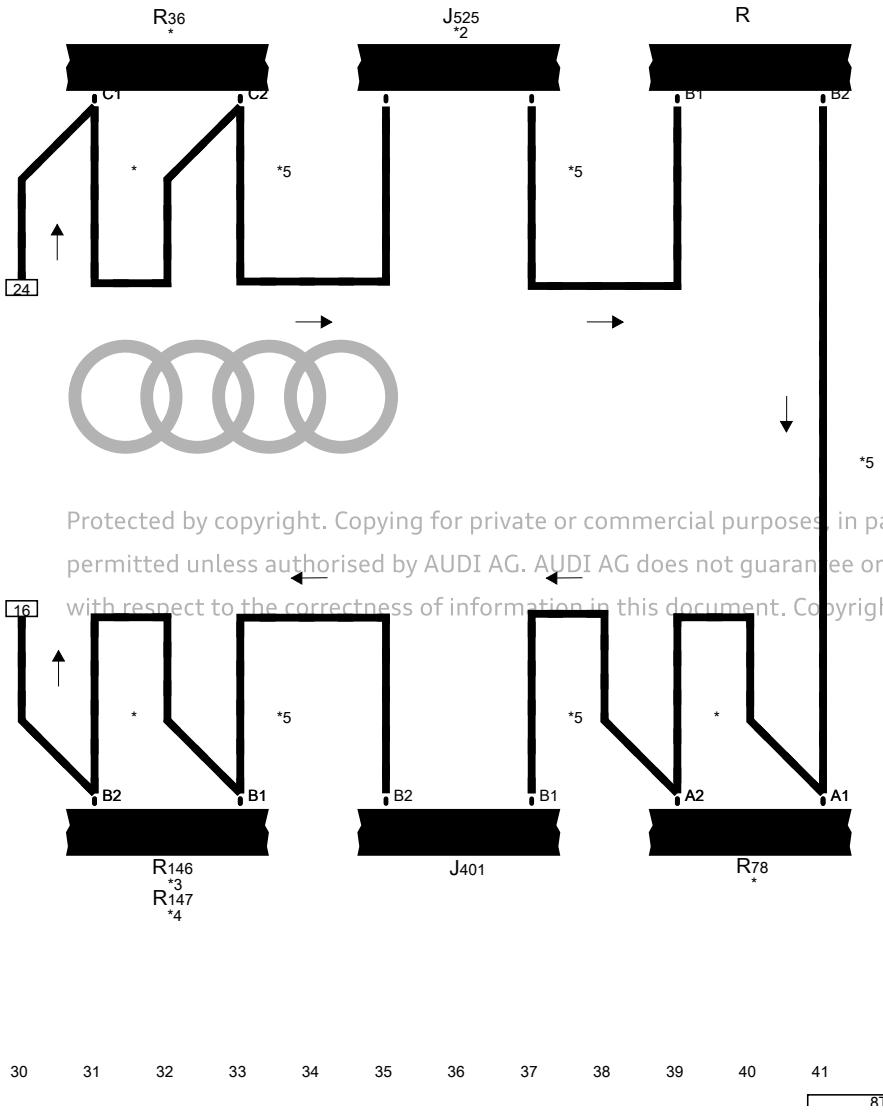


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gr	=	grey
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or	=	orange
rs	=	pink

Navigation system with CD drive control unit, Digital sound package control unit, Radio, Telephone transmitter and receiver unit, TV tuner, Satellite radio, Digital radio

J401	Navigation system with CD drive control unit
J525	Digital sound package control unit
R	Radio
R36	Telephone transmitter and receiver unit
R78	TV tuner
R146	Satellite radio
R147	Digital radio
*	According to equipment
*2	see applicable current flow diagram
*3	Only models with satellite radio
*4	Only models with digital radio
*5	Fibre optic cable (FOC)



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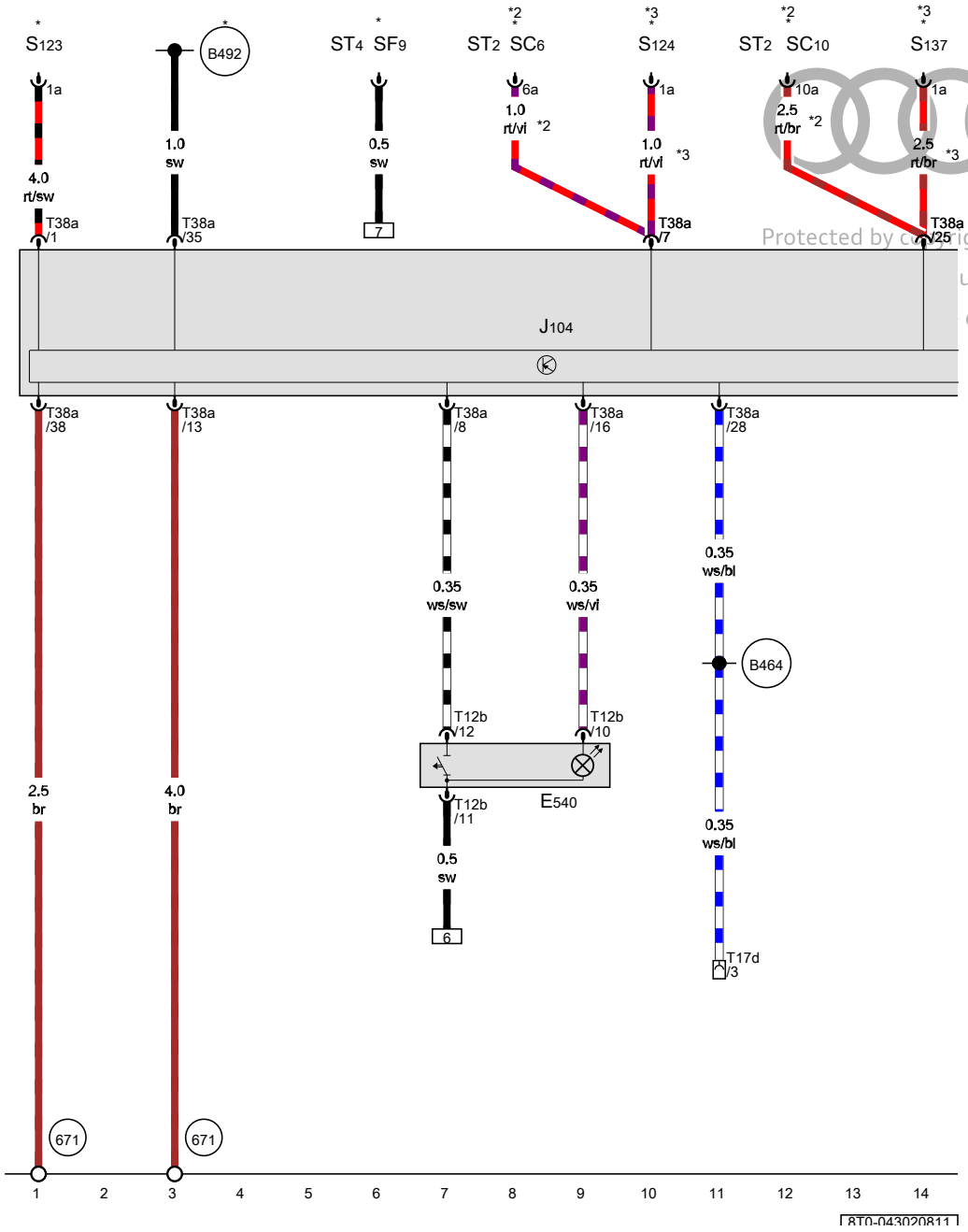
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Anti-lock brake system (ABS) with electronic stabilisation program (ESP)

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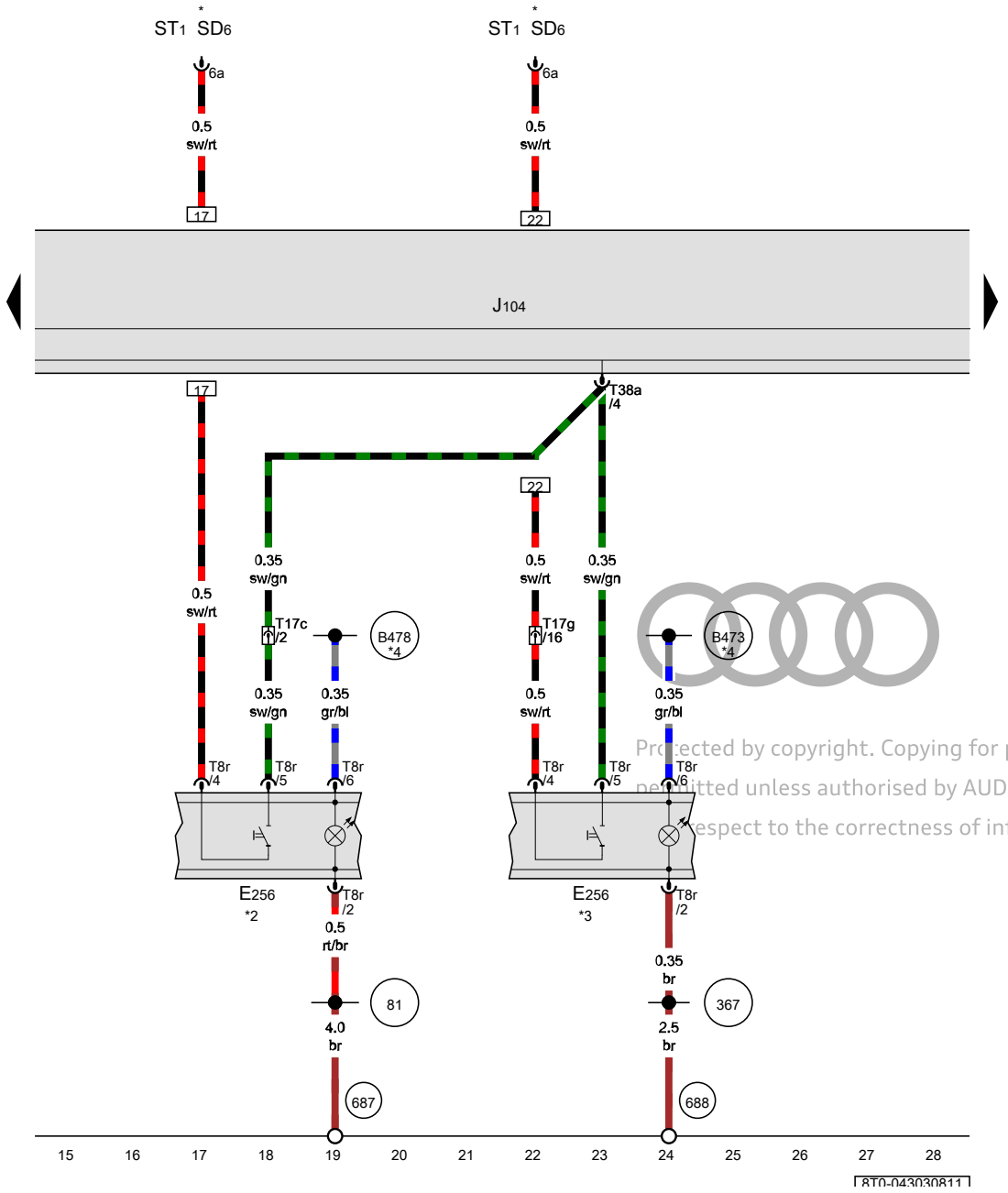
Auto-hold button, ABS control unit, ABS control unit fuse 1



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E540	Auto-hold button
J104	ABS control unit
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SC6	Fuse 6 on fuse holder C
SF9	Fuse 9 in fuse holder F
SC10	Fuse 10 on fuse holder C
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S137	ABS control unit fuse 3
T12b	12-pin connector
T17d	17-pin connector, brown
T38a	38-pin connector
671	Earth point 1, on front of left longitudinal member
B464	Connection (speed signal), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only left-hand drive models
*3	Only right-hand drive models

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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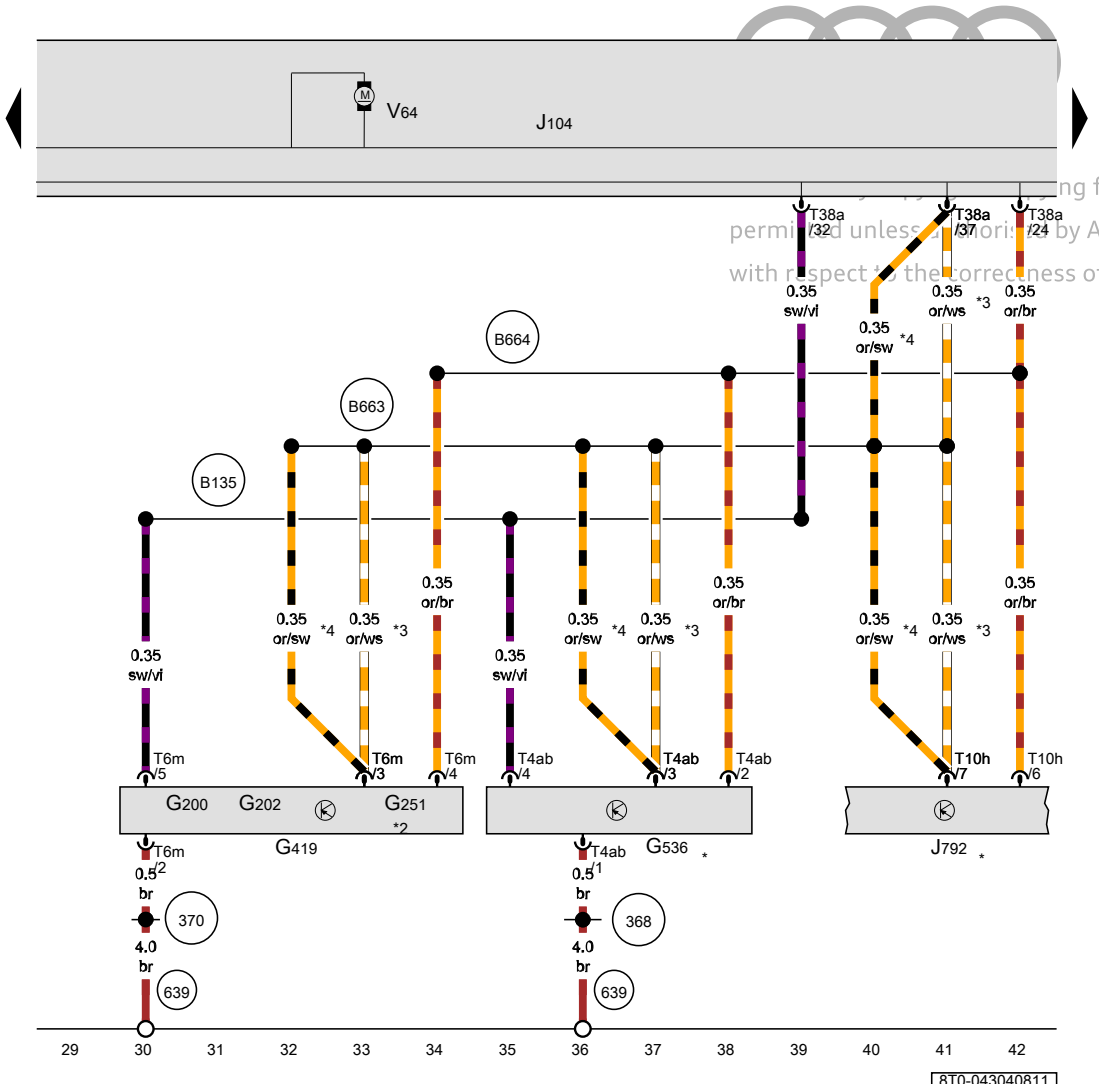
TCS and ESP button, ABS control unit

E256	TCS and ESP button
J104	ABS control unit
ST1	Fuse carrier 1
SD6	Fuse 6 on fuse holder D
T8r	8-pin connector
T17c	17-pin connector, black
T17g	17-pin connector, black
T38a	38-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B478	Connection 14, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with navigation system
*3	Only models with no navigation system
*4	see applicable current flow diagram for basic equipment

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ESP sensor unit, ESP sensor unit 2, ABS control unit, Active steering control unit, ABS hydraulic pump



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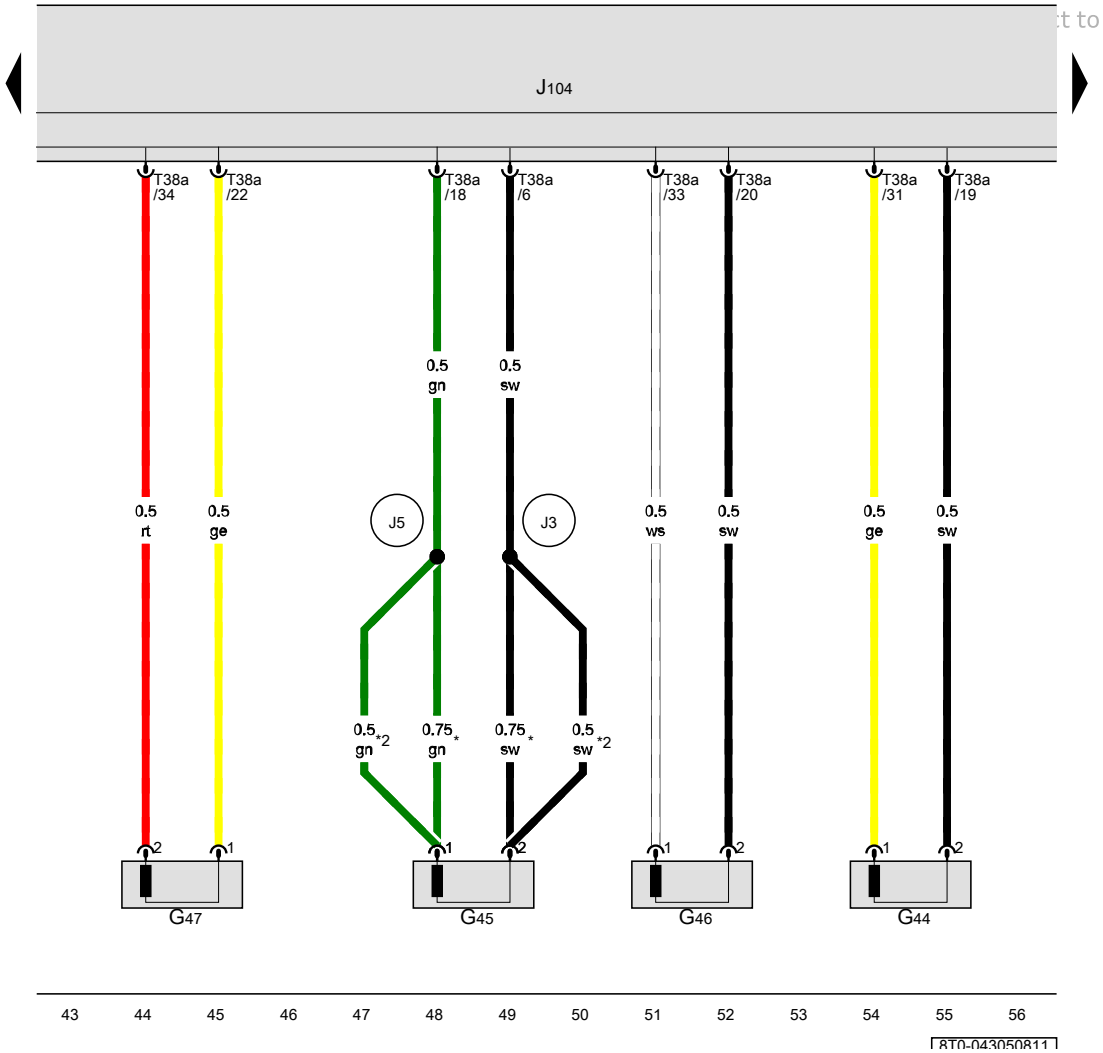
G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	ESP sensor unit
G536	ESP sensor unit 2
J104	ABS control unit
J792	Active steering control unit
T4ab	4-pin connector
T6m	6-pin connector
T10h	10-pin connector
T38a	38-pin connector
V64	ABS hydraulic pump
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B135	Connection 1 (15a), in interior wiring harness
B663	Connection (running gear sensors CAN bus, high), in main wiring harness
B664	Connection (running gear sensors CAN bus, low), in main wiring harness
*	Special equipment
*2	Only models with all-wheel drive
*3	gradual introduction
*4	Gradually discontinued

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

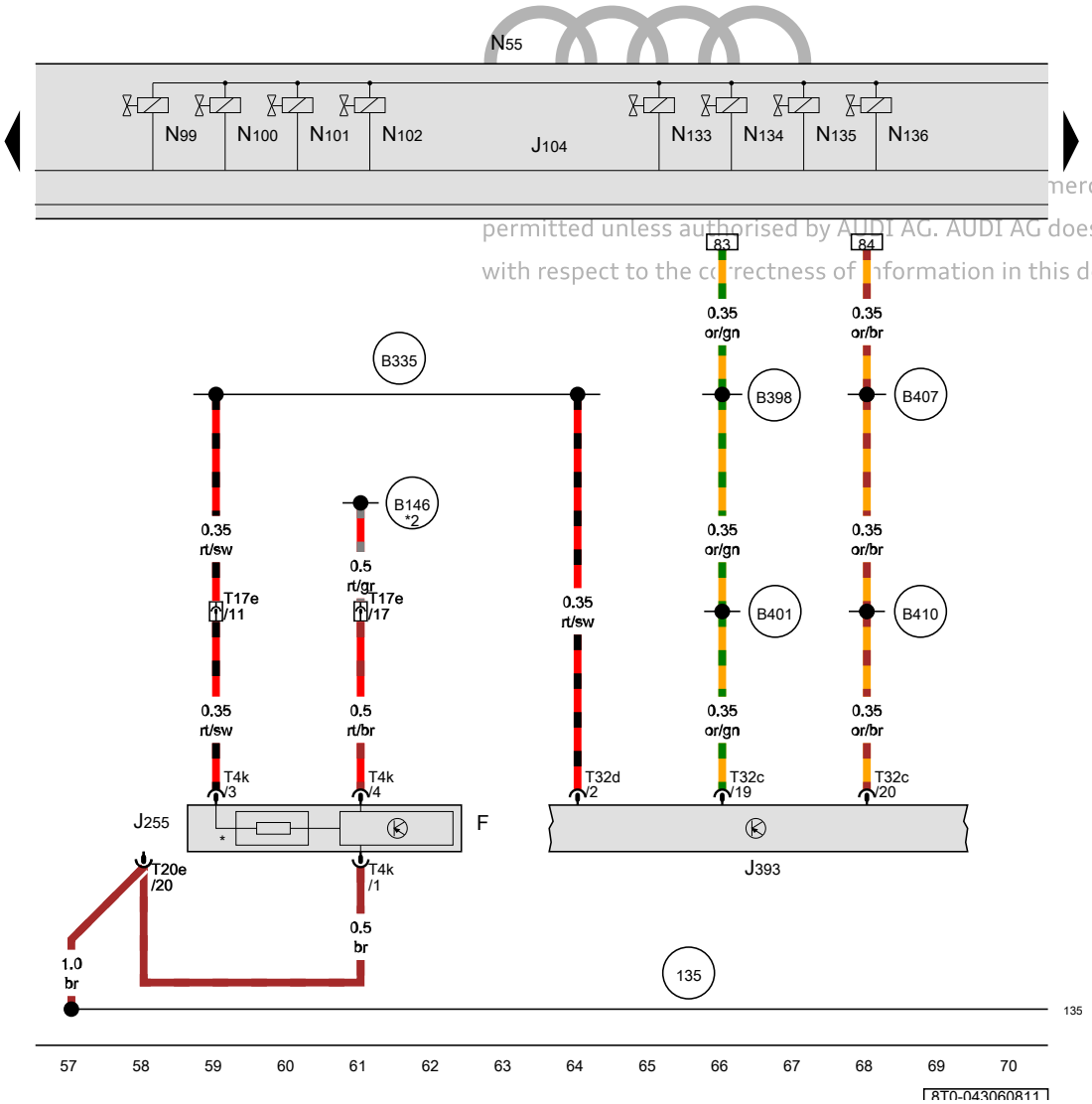
G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
T38a	38-pin connector
J3	Connection 1, in ABS wiring harness
J5	Connection 2, in ABS wiring harness
*	Only models with no electronic damping control
*2	Only models with electronic damping control

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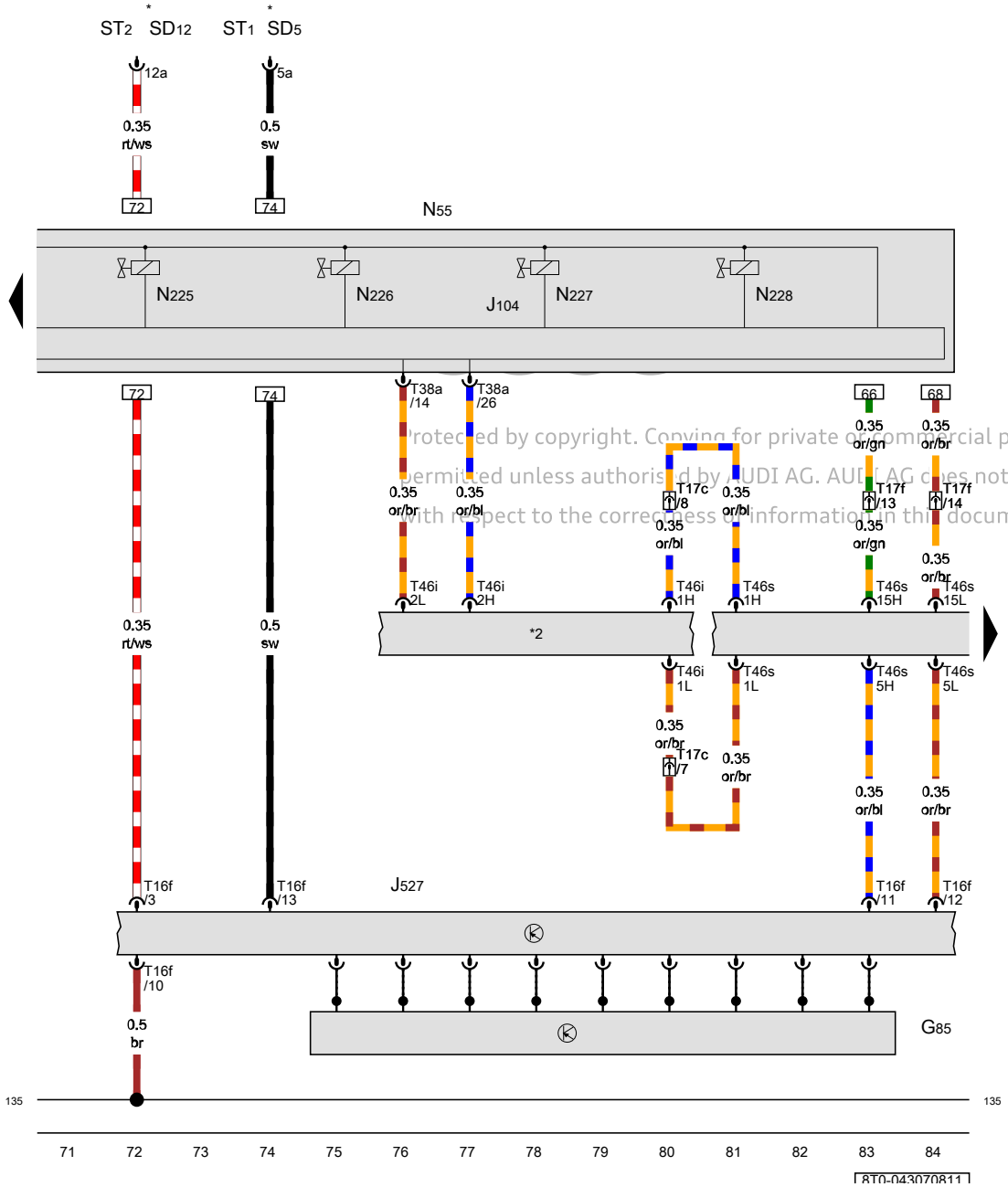
Brake light switch, ABS control unit, Convenience system central control unit, ABS hydraulic unit, Front right ABS inlet valve, Front right ABS outlet valve, Front left ABS inlet valve, Front left ABS outlet valve, Rear right ABS inlet valve, Rear left ABS inlet valve, Rear right ABS outlet valve, Rear left ABS outlet valve



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F	Brake light switch
J104	ABS control unit
J255	Climatronic control unit
J393	Convenience system central control unit
N55	ABS hydraulic 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
T4k	4-pin connector
T17e	17-pin connector, red
T20e	20-pin connector
T32c	32-pin connector
T32d	32-pin connector
135	Earth connection 2, in dash panel wiring harness
B146	Positive connection 1 (87), in interior wiring harness
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	Solenoid coil for brake light sensor
*2	see applicable current flow diagram for engine



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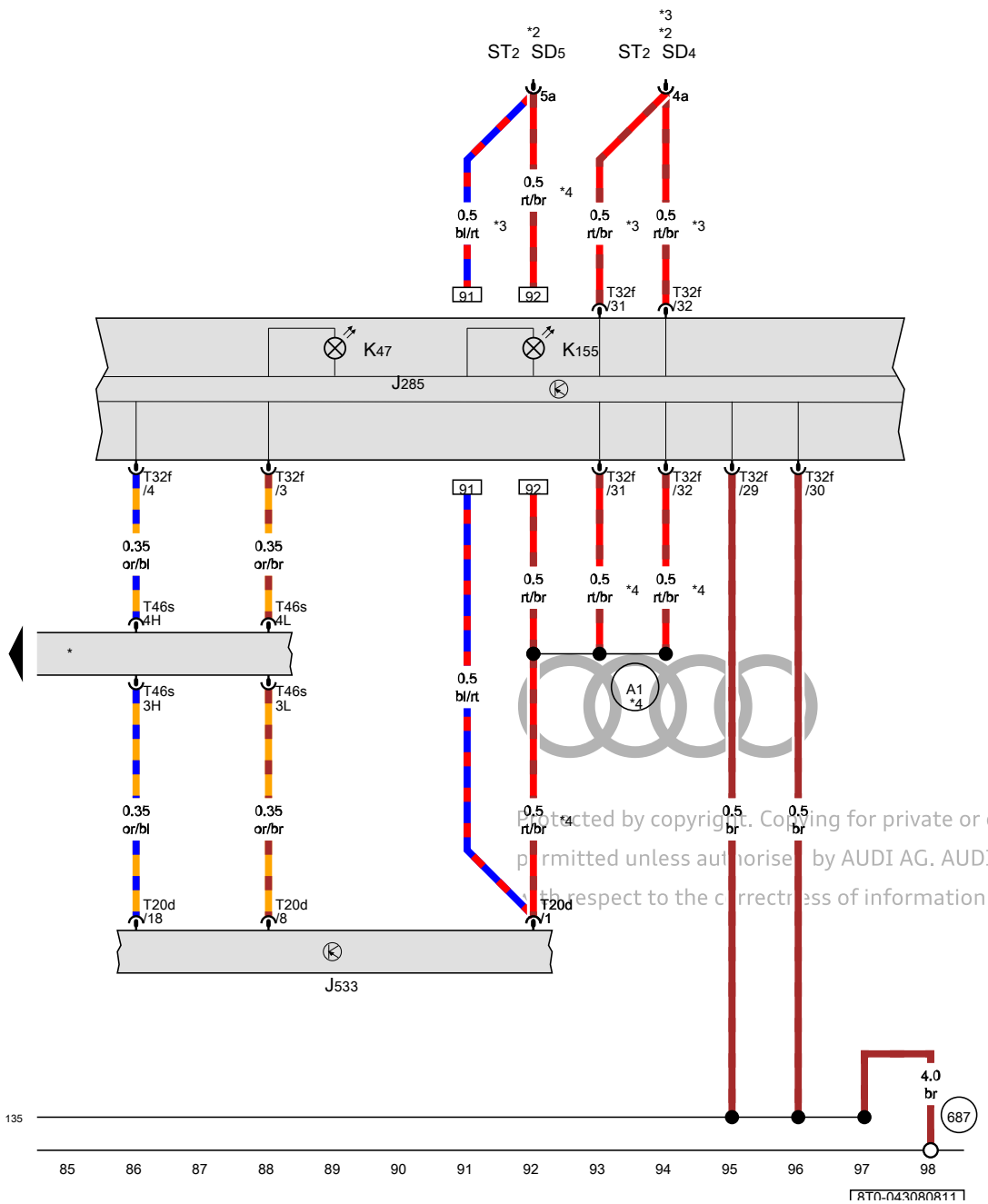
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Steering angle sender, ABS control unit, Steering column electronics control unit, ABS hydraulic unit, Vehicle stabilization program switch valve 1, Vehicle stabilization program switch valve 2, Vehicle stabilization program high-pressure valve 1, Vehicle stabilization program high-pressure valve 2

G85	Steering angle sender
J104	ABS control unit
J527	Steering column electronics control unit
N55	ABS hydraulic unit
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
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD12	Fuse 12 on fuse holder D
T16f	16-pin connector
T17c	17-pin connector, black
T17f	17-pin connector, brown
T38a	38-pin connector
T46i	46-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram

Control unit in dash panel insert, Data bus diagnostic interface, ABS warning lamp, ESP and TCS warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K47	ABS warning lamp
K155	ESP and TCS warning lamp
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Up to April 2009



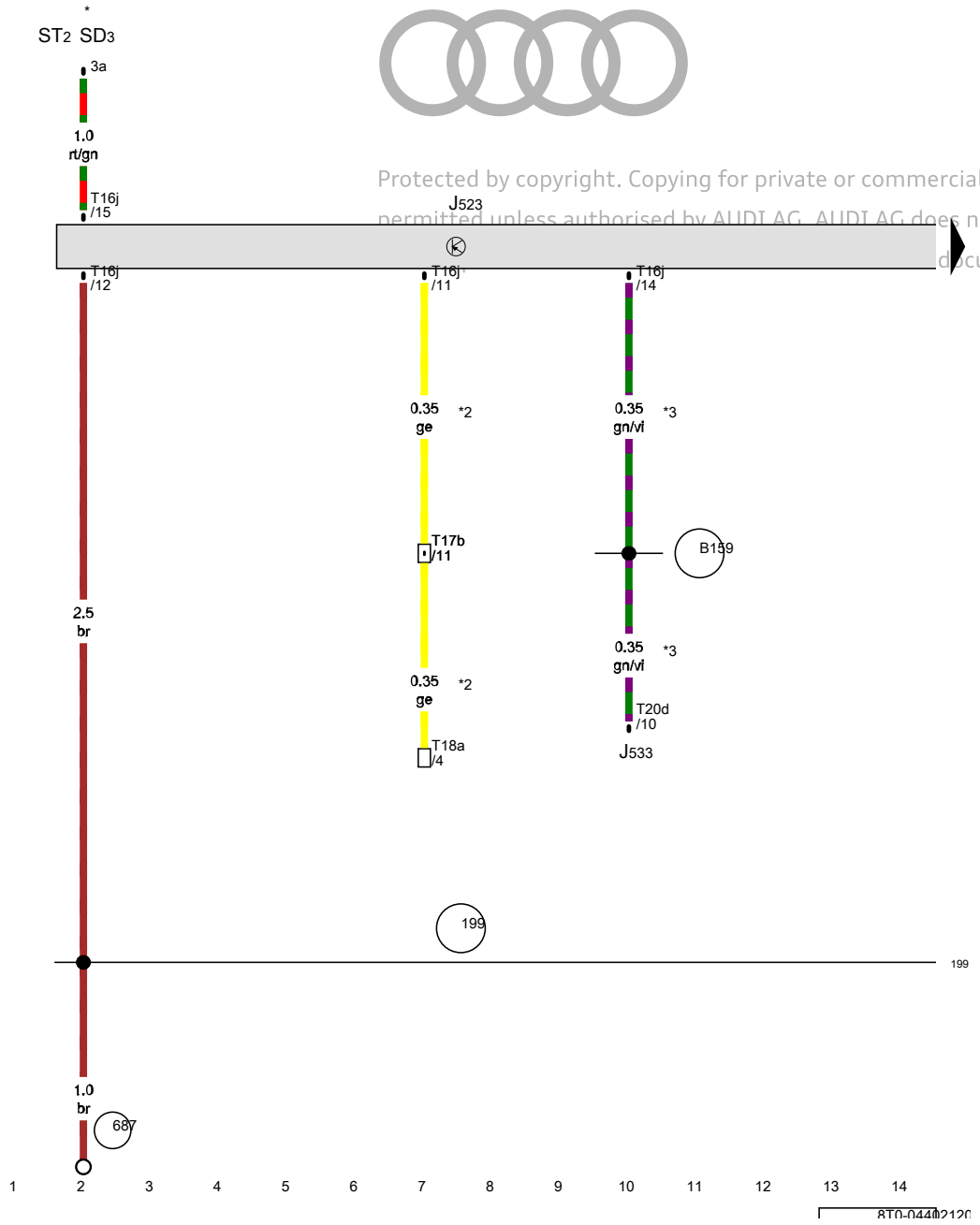
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MMI basic

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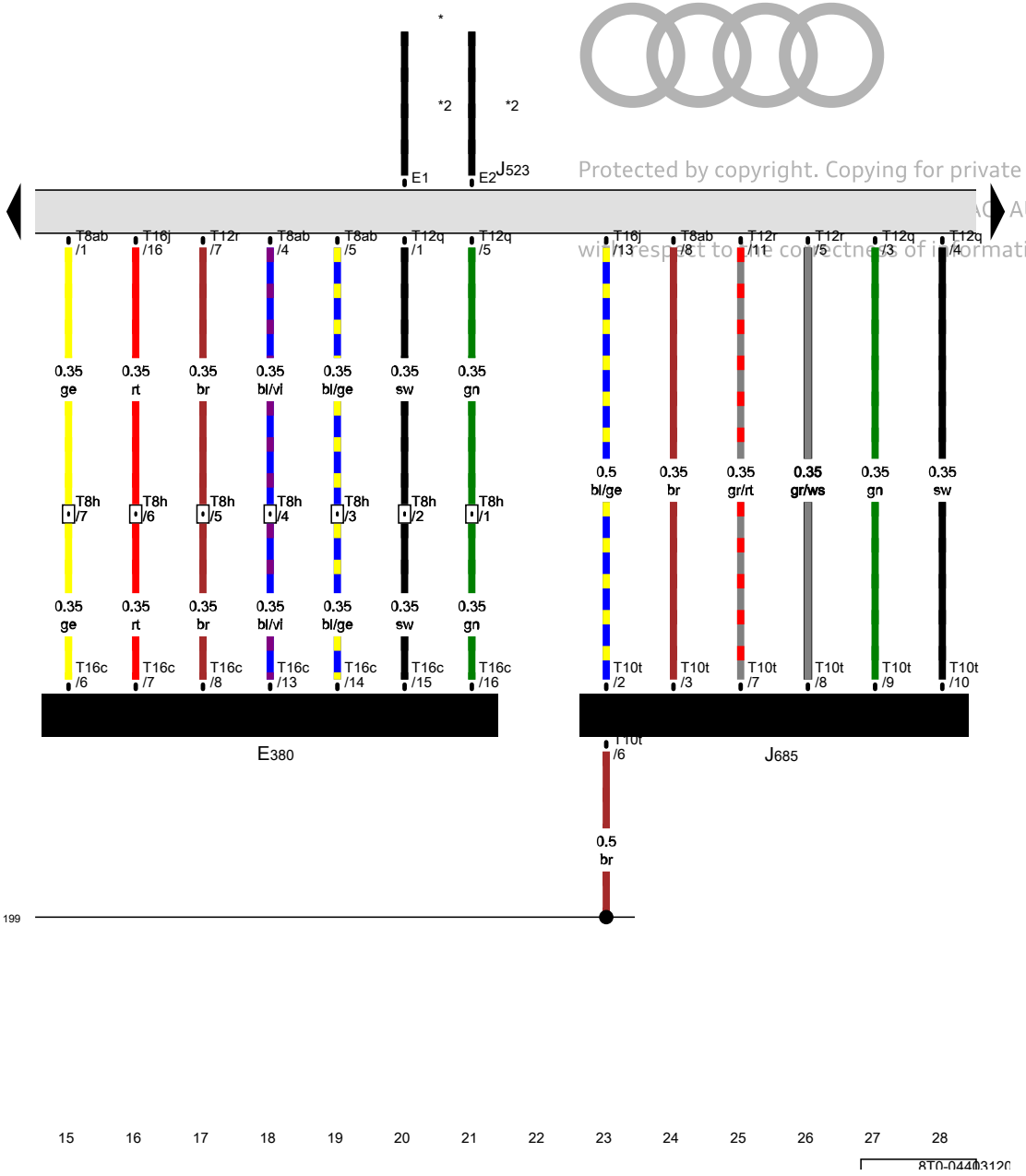
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Control unit for front display and information control panel

J523	Control unit for front display and information control panel
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T16j	16-pin connector
T17b	17-pin connector, blue
T18a	18-pin connector, under centre console
T20d	20-pin connector
199	Earth connection 3, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for preparation for mobile telephone
*3	see applicable current flow diagram



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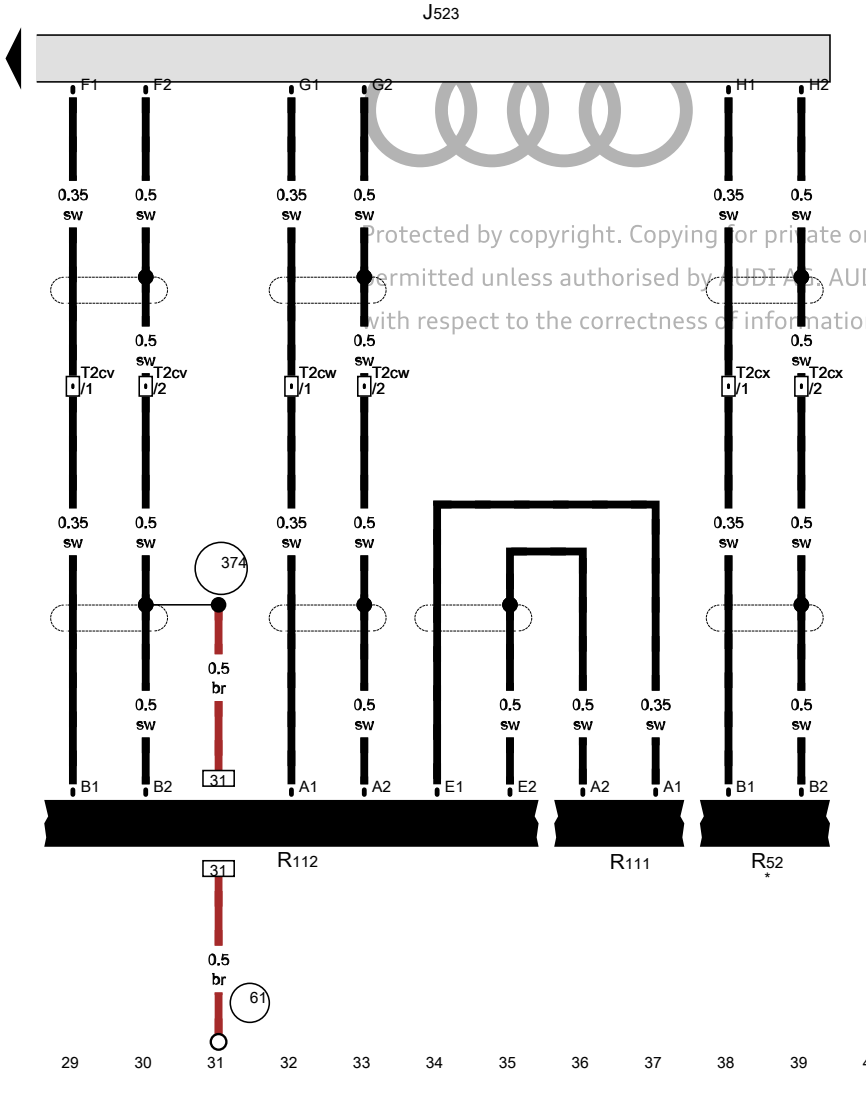
Multimedia system operating unit, Control unit for front display and information control panel, Display unit for front information display and operating unit control unit

E380	Multimedia system operating unit
J523	Control unit for front display and information control panel
J685	Display unit for front information display and operating unit control unit
T8ab	8-pin connector
T8h	8-pin connector, black
T10t	10-pin connector
T12q	12-pin connector
T12r	12-pin connector
T16c	16-pin connector
T16j	16-pin connector
199	Earth connection 3, in dash panel wiring harness
*	see applicable current flow diagram
*2	Fibre optic cable (FOC)

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or	=	orange
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Control unit for front display and information control panel, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3

J523	Control unit for front display and information control panel
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
T2cv	2-pin connector, white
T2cw	2-pin connector, yellow
T2cx	2-pin connector, blue
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
*	Roof aerial



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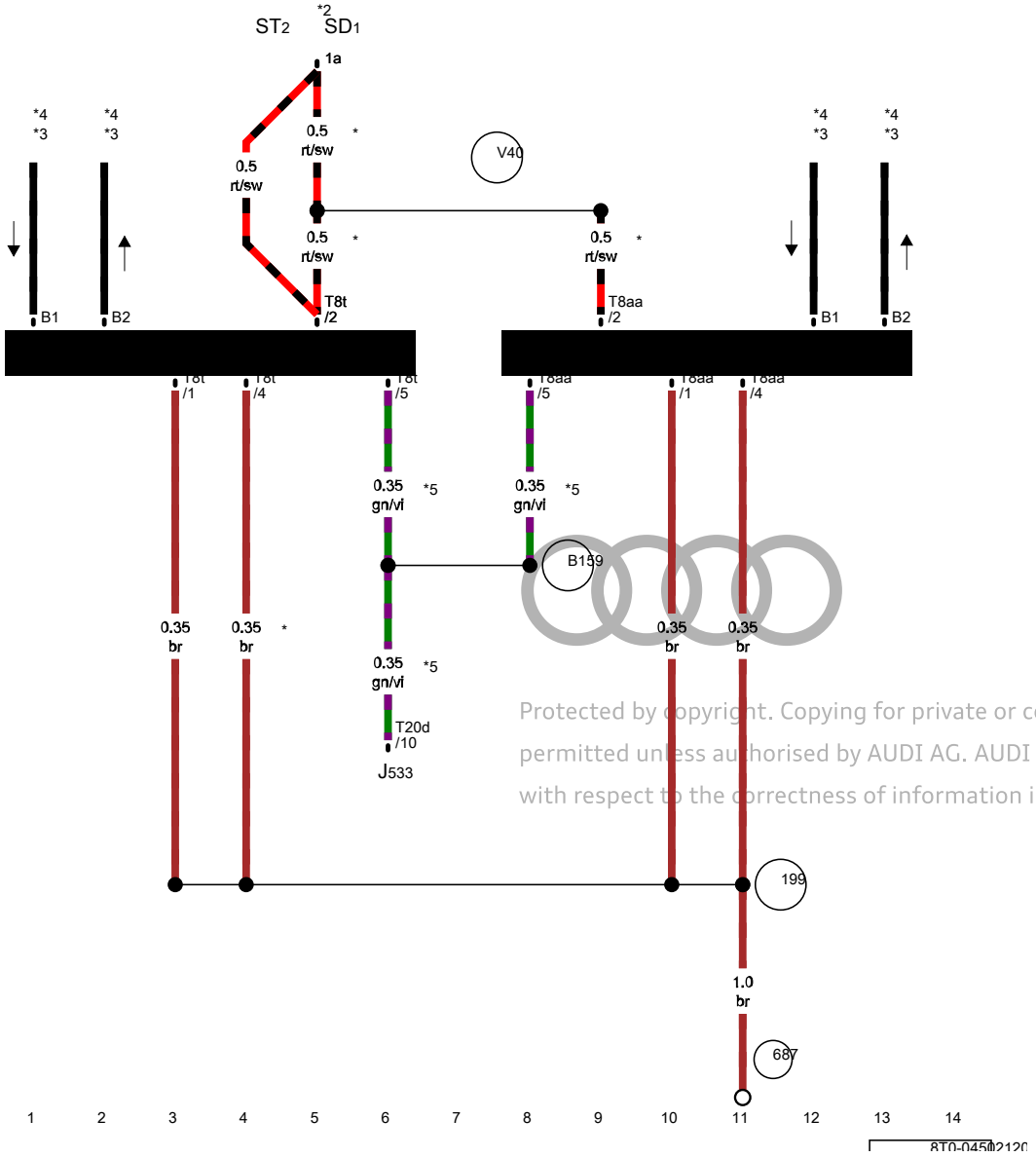
CD/DVD changer (MOST bus)

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CD changer, Connection for external audio sources

J533	Data bus diagnostic interface
R41	CD changer
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T8aa	8-pin connector
T8t	8-pin connector
T20d	20-pin connector
199	Earth connection 3, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
V40	Connection 2, in CD changer wiring harness
*	According to equipment
*2	see applicable current flow diagram for fuse assignment
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for infotainment MOST bus
*5	see applicable current flow diagram for ring circuit break diagnostic



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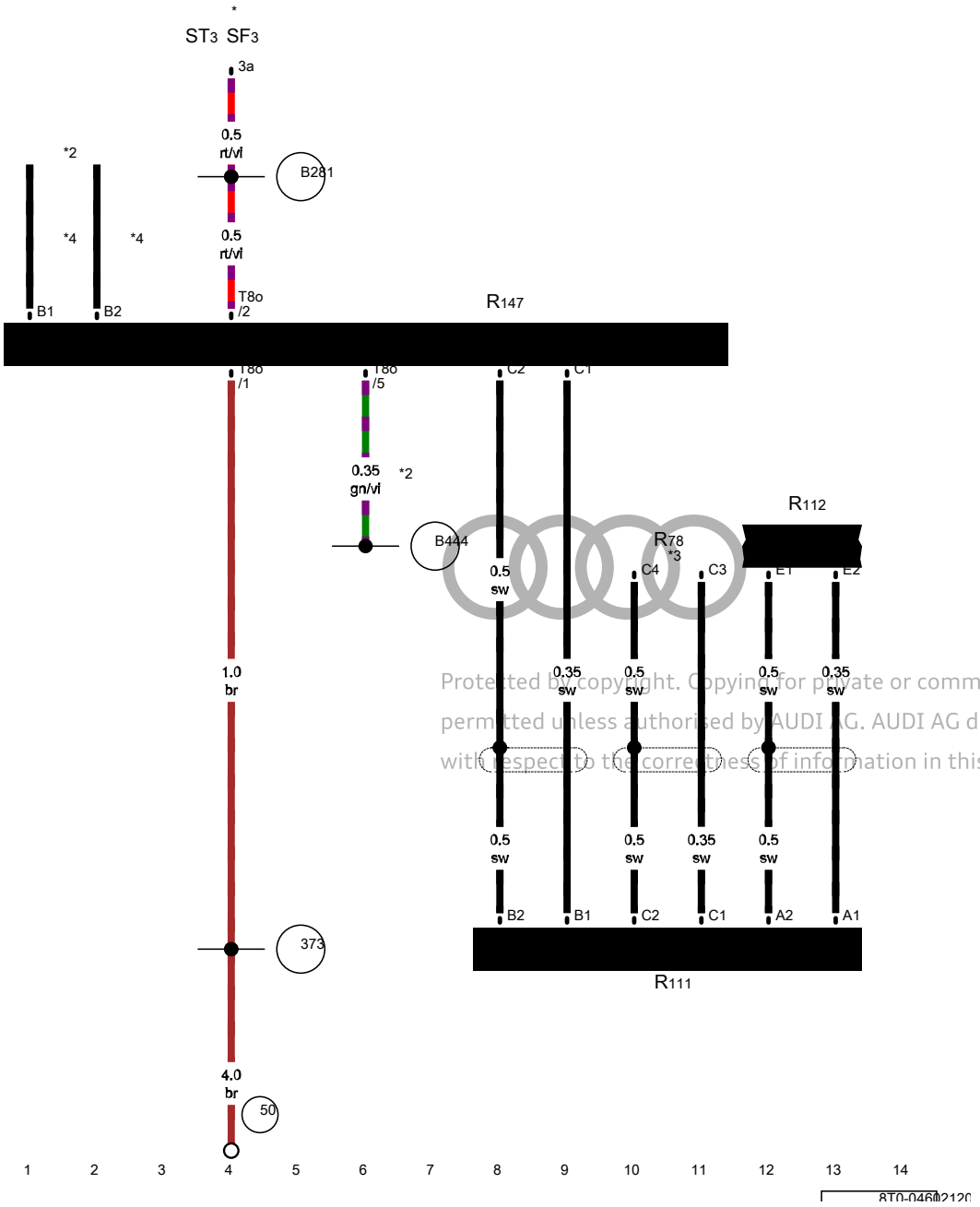
MMI with digital radio

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TV tuner, Aerial amplifier 2, Aerial amplifier 3, Digital radio

R78	TV tuner
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R147	Digital radio
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T8o	8-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) 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
*3	Only models with TV tuner
*4	Fibre optic cable (FOC)



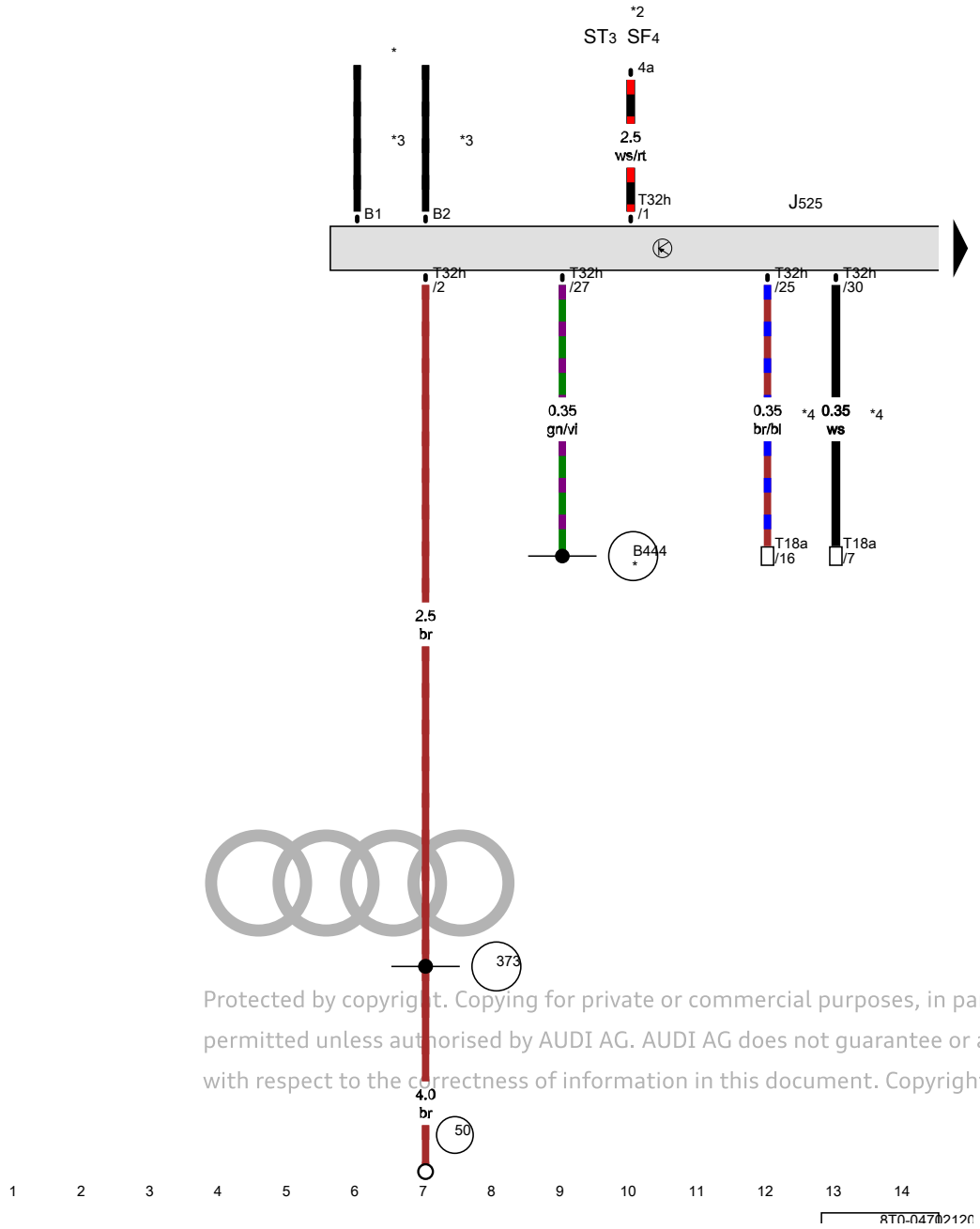
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MMI with radio and basic sound system

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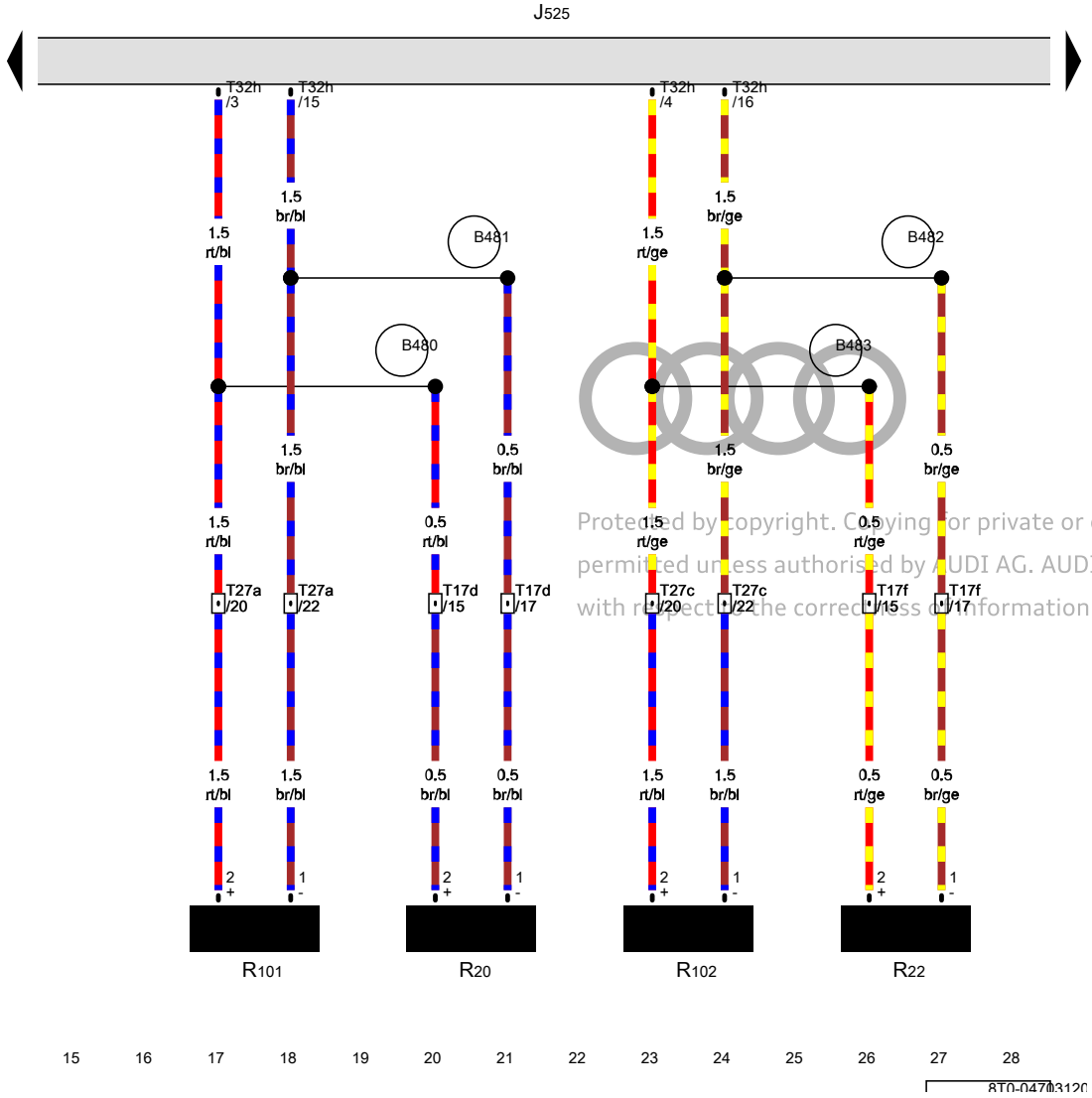
Digital sound package control unit

J525	Digital sound package control unit
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T18a	18-pin connector, under centre console
T32h	32-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for telephone systems

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

J525	Digital sound package control unit
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
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T27a	27-pin connector, black
T27c	27-pin connector, black
T32h	32-pin connector
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness

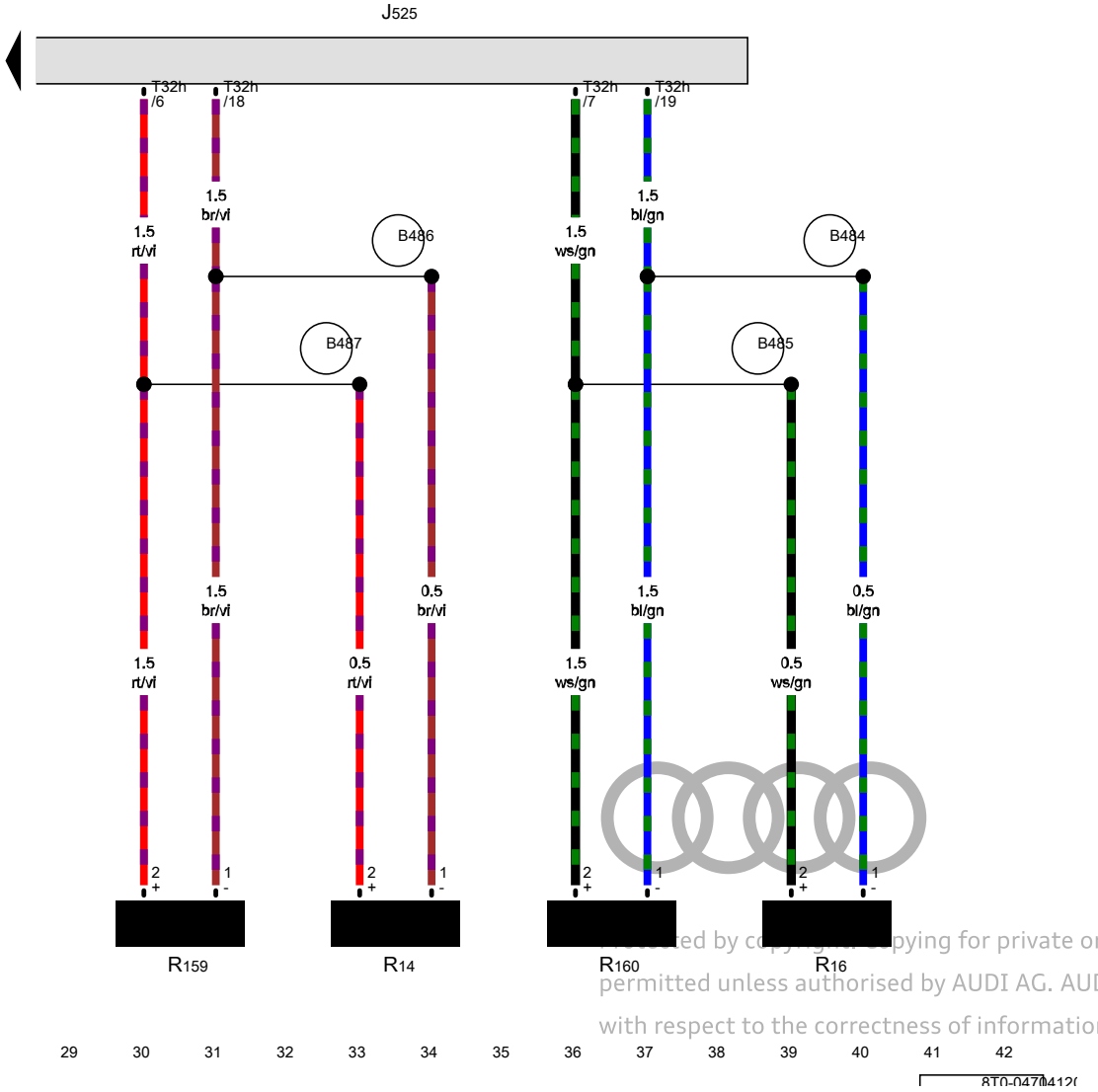


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Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness



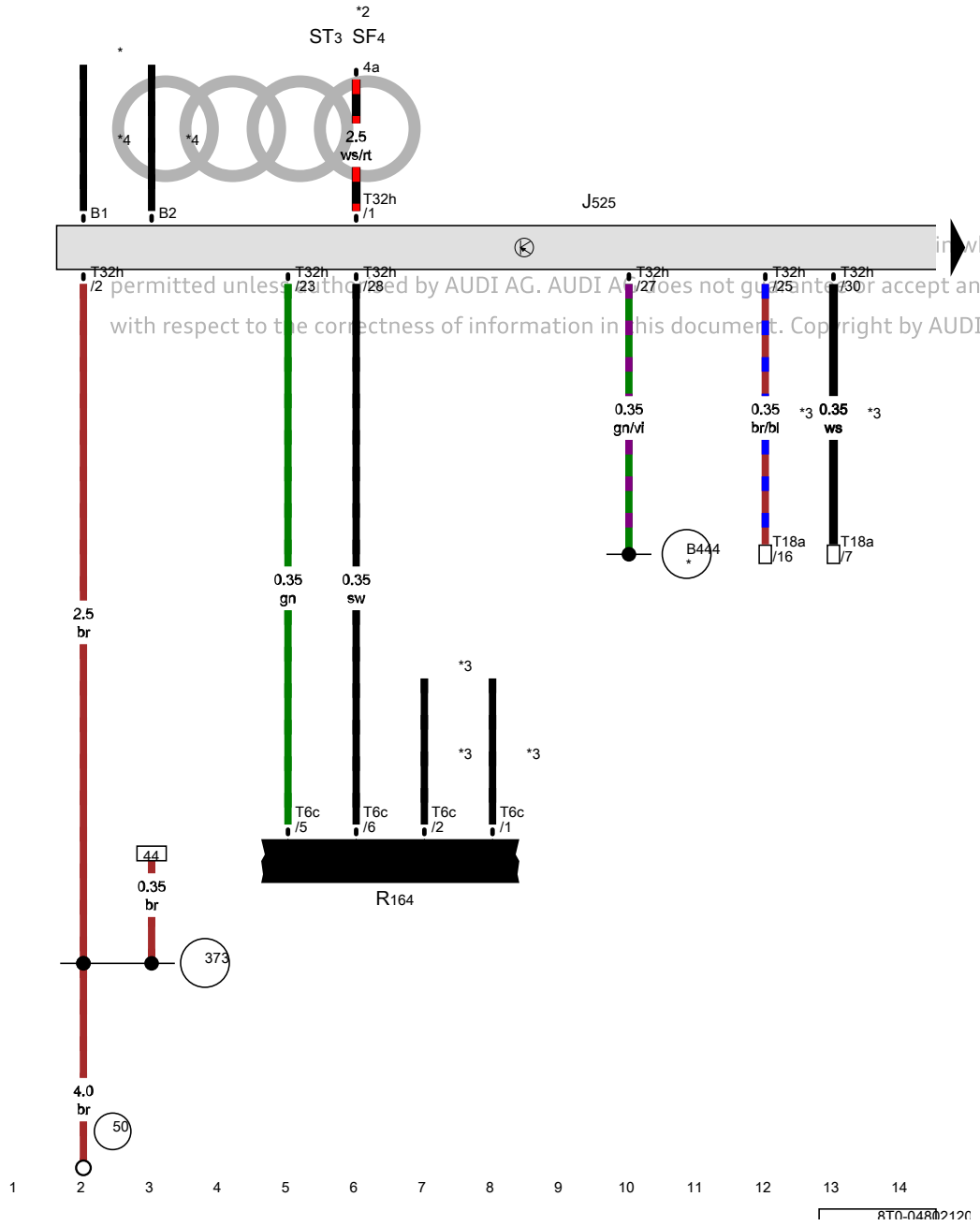
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MMI with radio and Standard sound system

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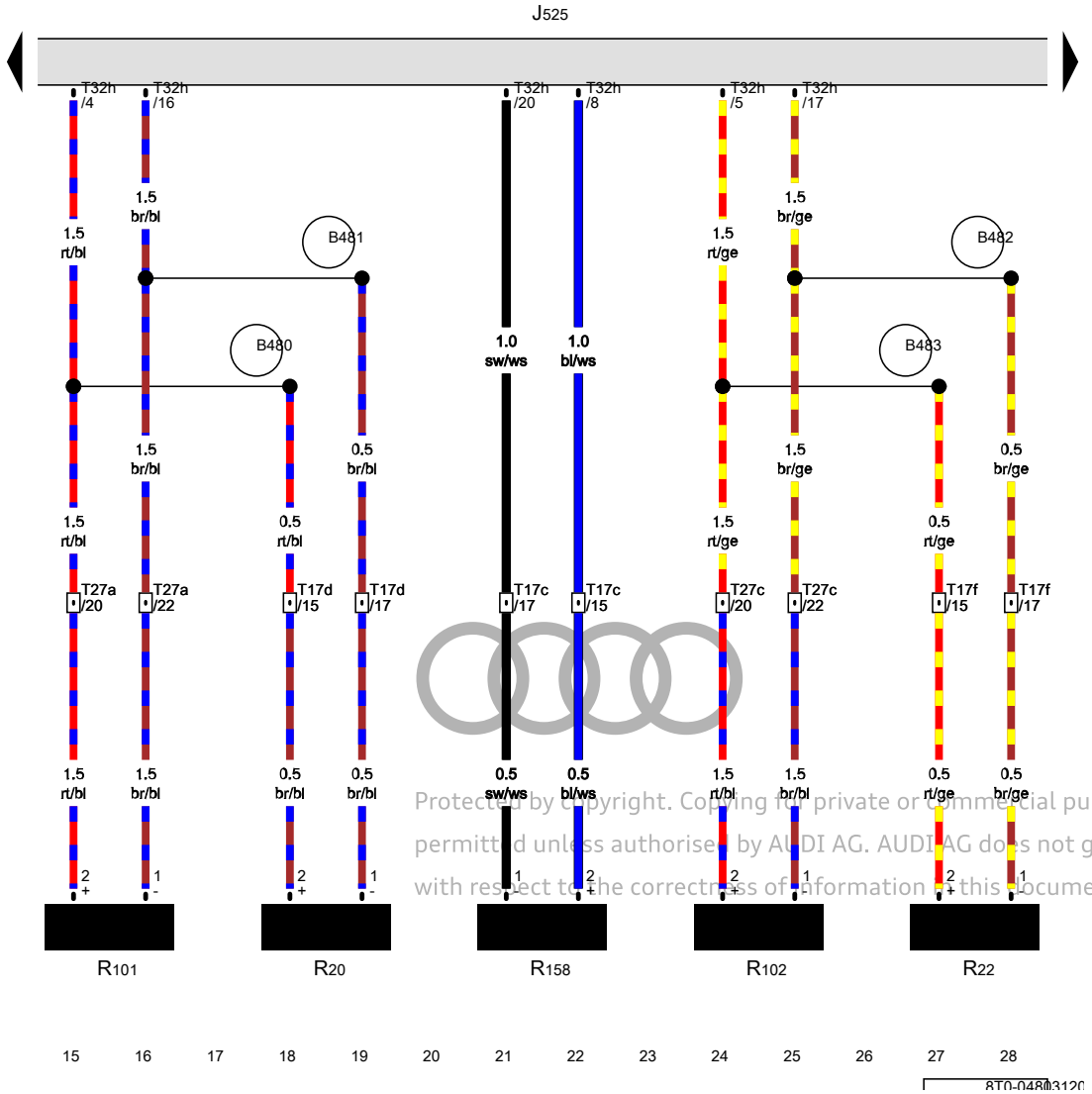
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Digital sound package control unit, Telephone microphone, Microphone unit in front roof module, Voice command microphone

J525	Digital sound package control unit
R38	Telephone microphone
R164	Microphone unit in front roof module
R206	Voice command microphone
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T6c	6-pin connector
T18a	18-pin connector, under centre console
T32h	32-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for telephone systems
*4	Fibre optic cable (FOC)

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

J525	Digital sound package control unit
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
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector, black
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32h	32-pin connector
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness

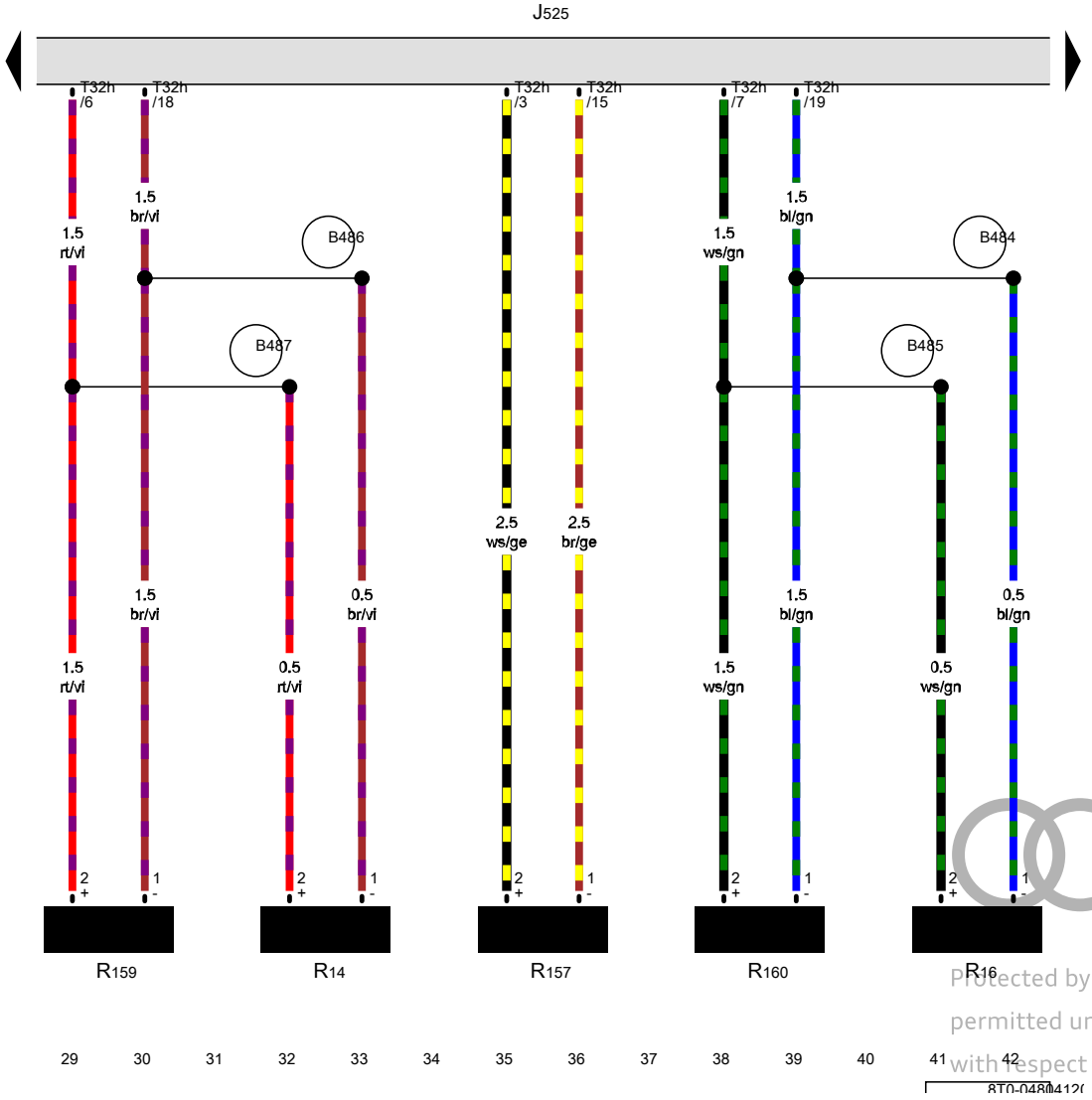


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Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Subwoofer in rear shelf, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R157	Subwoofer in rear shelf
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness

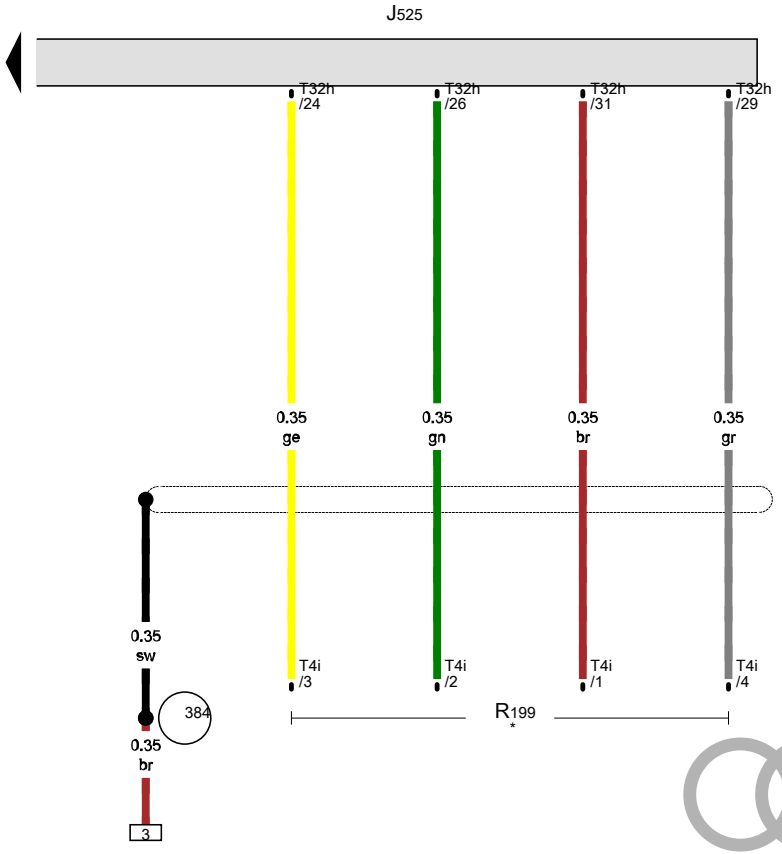


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or	=	orange
rs	=	pink

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Digital sound package control unit, Connection for external audio sources

J525	Digital sound package control unit
R199	Connection for external audio sources
T4i	4-pin connector
T32h	32-pin connector
384	Earth connection 19, in main wiring harness
*	Only models with connection for external audio sources - AUX-IN socket



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

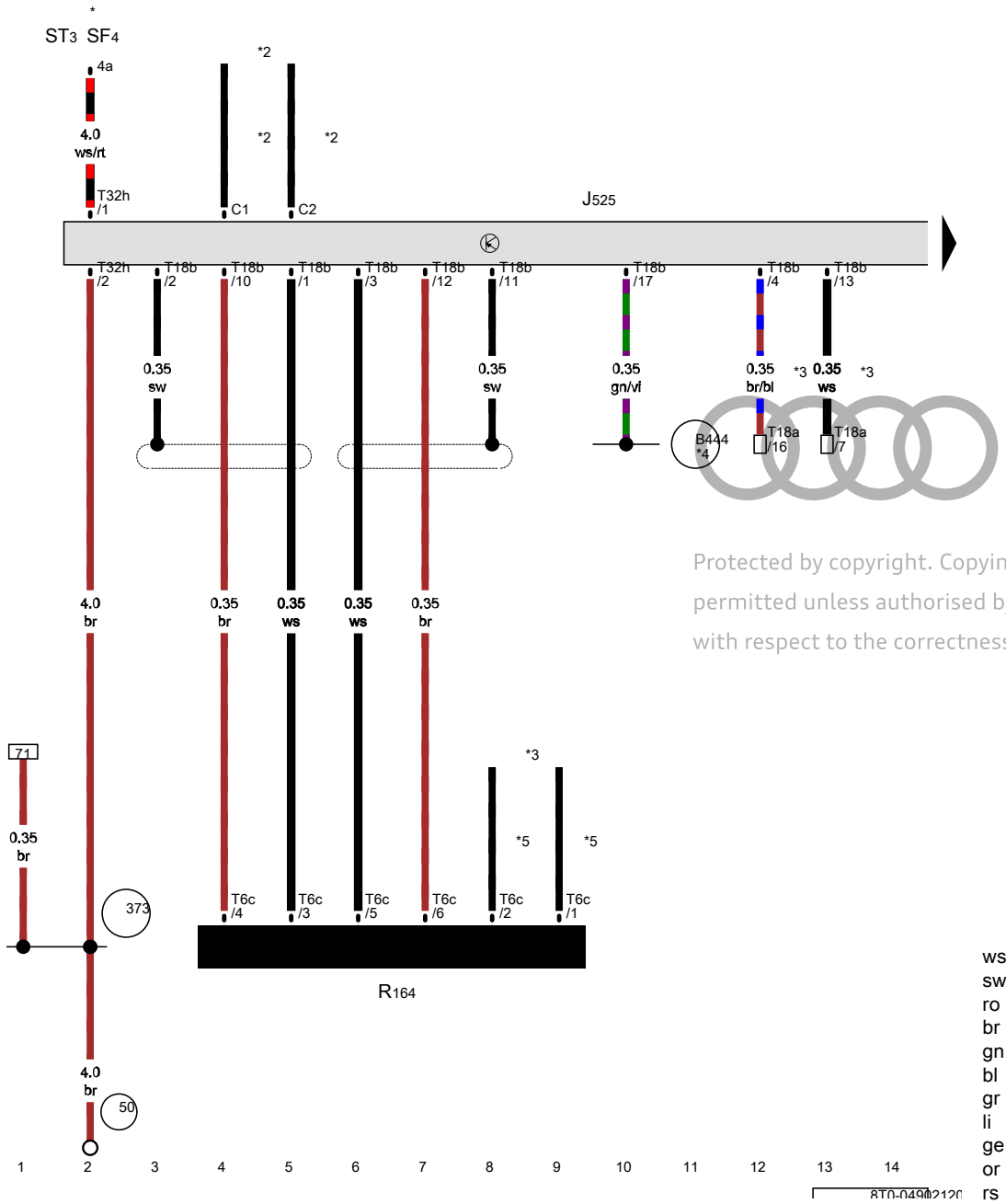
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MMI with radio and Bang & Olufsen sound system

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Digital sound package control unit, Telephone microphone, Internal microphone, Microphone unit in front roof module, Voice command microphone



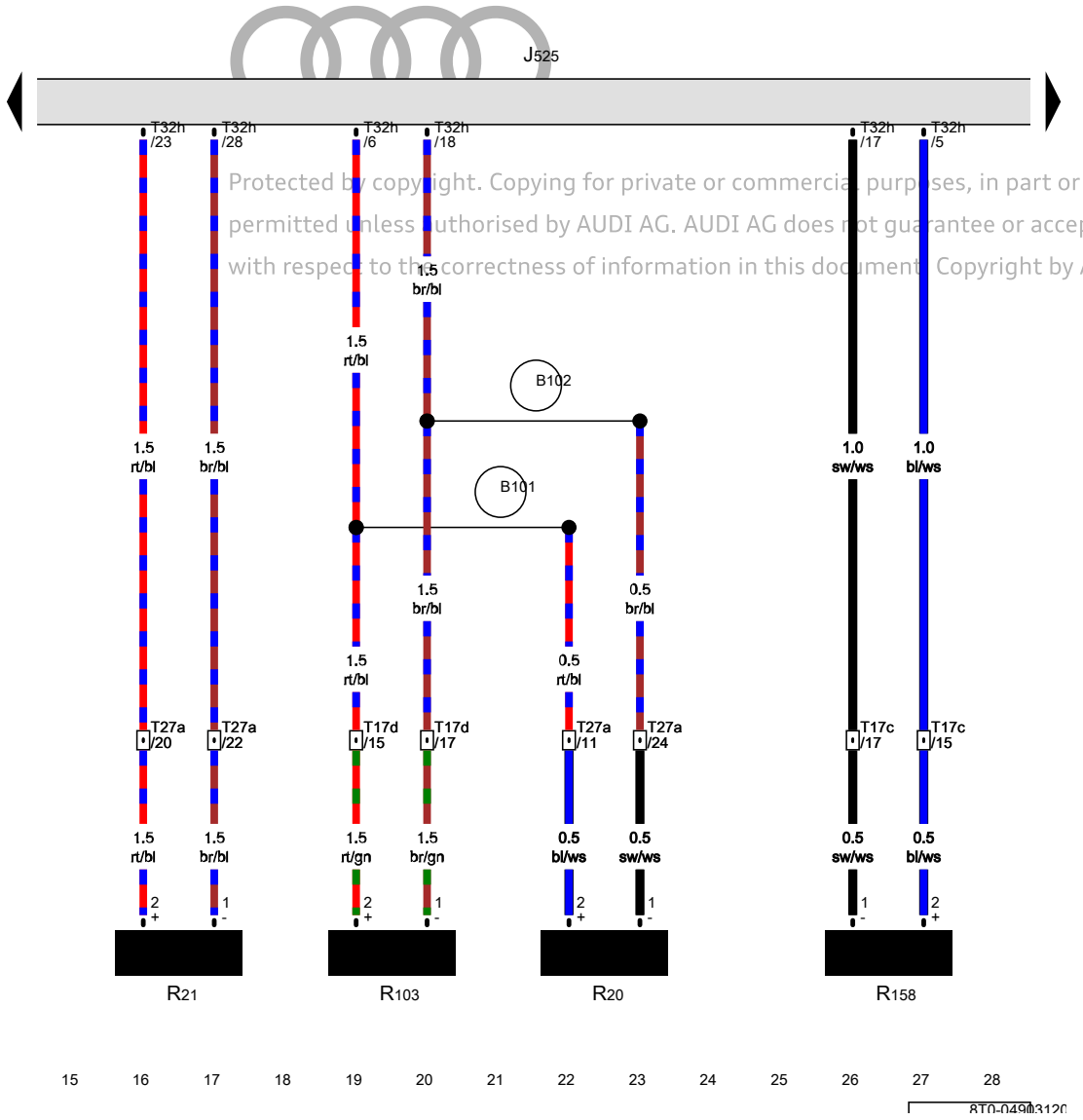
J525	Digital sound package control unit
R38	Telephone microphone
R74	Internal microphone
R164	Microphone unit in front roof module
R206	Voice command microphone
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T6c	6-pin connector
T18a	18-pin connector, under centre console
T18b	18-pin connector
T32h	32-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, 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 telephone systems
*4	see applicable current flow diagram
*5	Only models with mobile telephone/telephone

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

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Digital sound package control unit, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector, black
T17d	17-pin connector, brown
T27a	27-pin connector, black
T32h	32-pin connector
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness



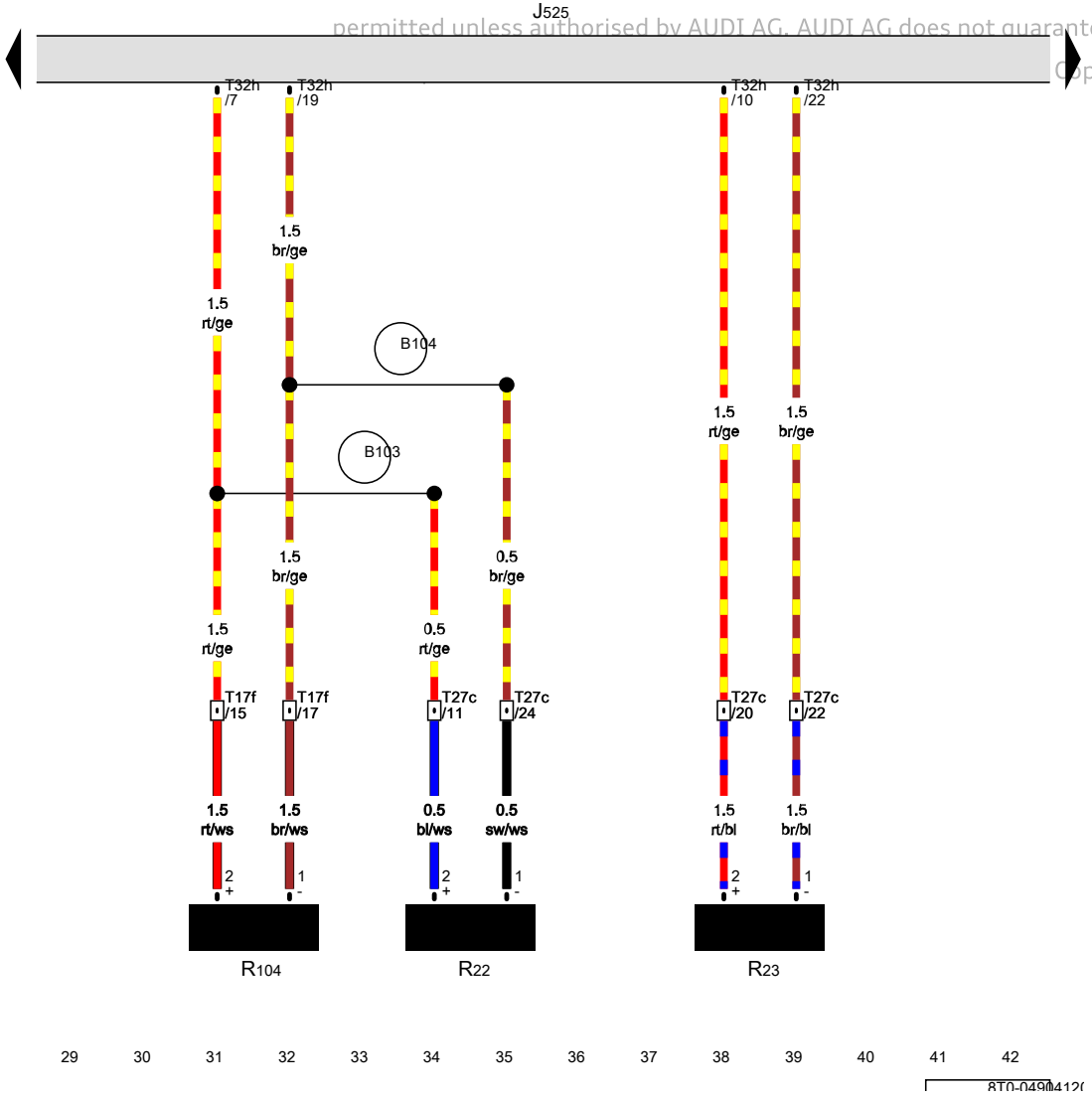
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Digital sound package control unit, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker

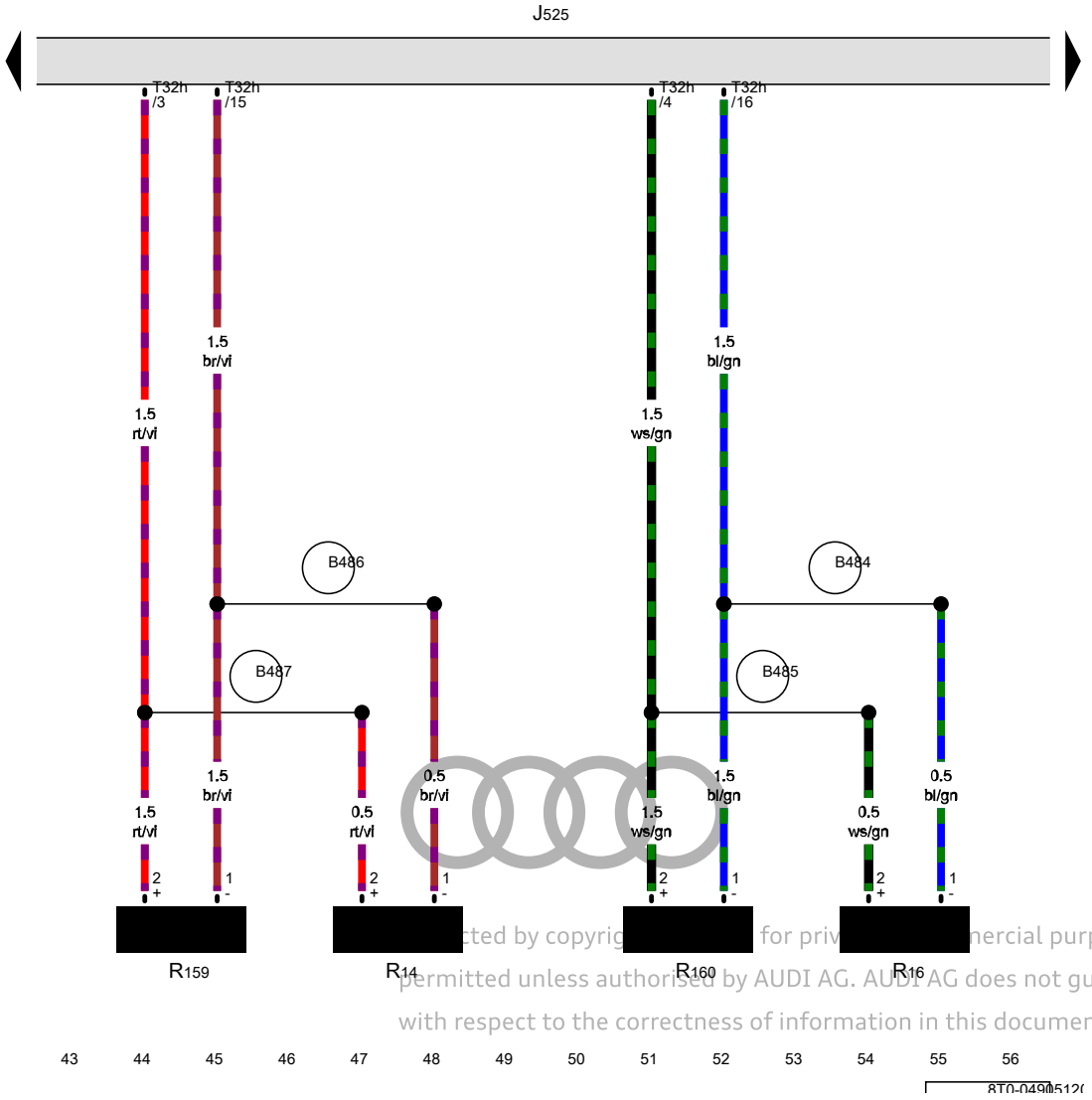
J525	Digital sound package control unit
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
T17f	17-pin connector, brown
T27c	27-pin connector, black
T32h	32-pin connector
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness



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

Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness



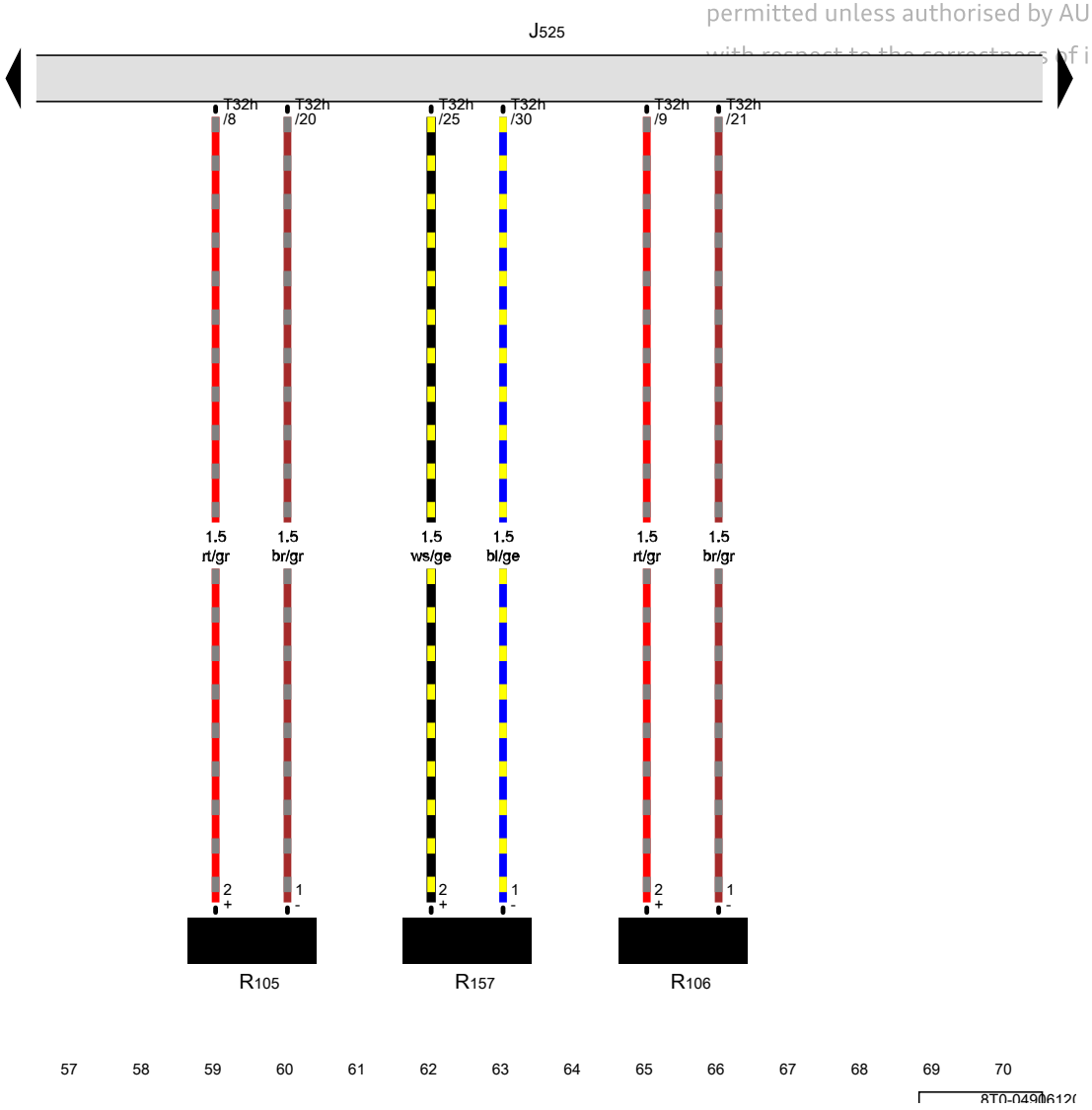
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Digital sound package control unit, Rear left mid-range loudspeaker, Rear right mid-range loudspeaker, Subwoofer in rear shelf

J525	Digital sound package control unit
R105	Rear left mid-range loudspeaker
R106	Rear right mid-range loudspeaker
R157	Subwoofer in rear shelf
T32h	32-pin connector

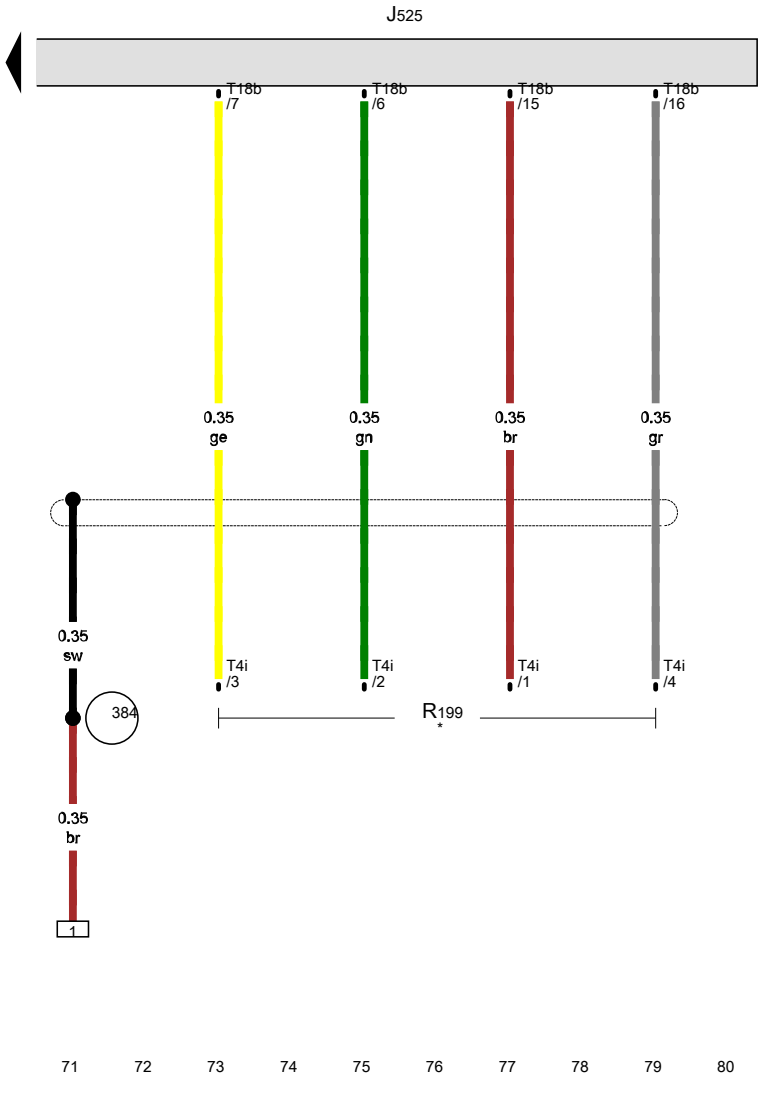
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Digital sound package control unit, Connection for external audio sources

J525	Digital sound package control unit
R199	Connection for external audio sources
T4i	4-pin connector
T18b	18-pin connector
384	Earth connection 19, in main wiring harness
*	Only models with connection for external audio sources - AUX-IN socket



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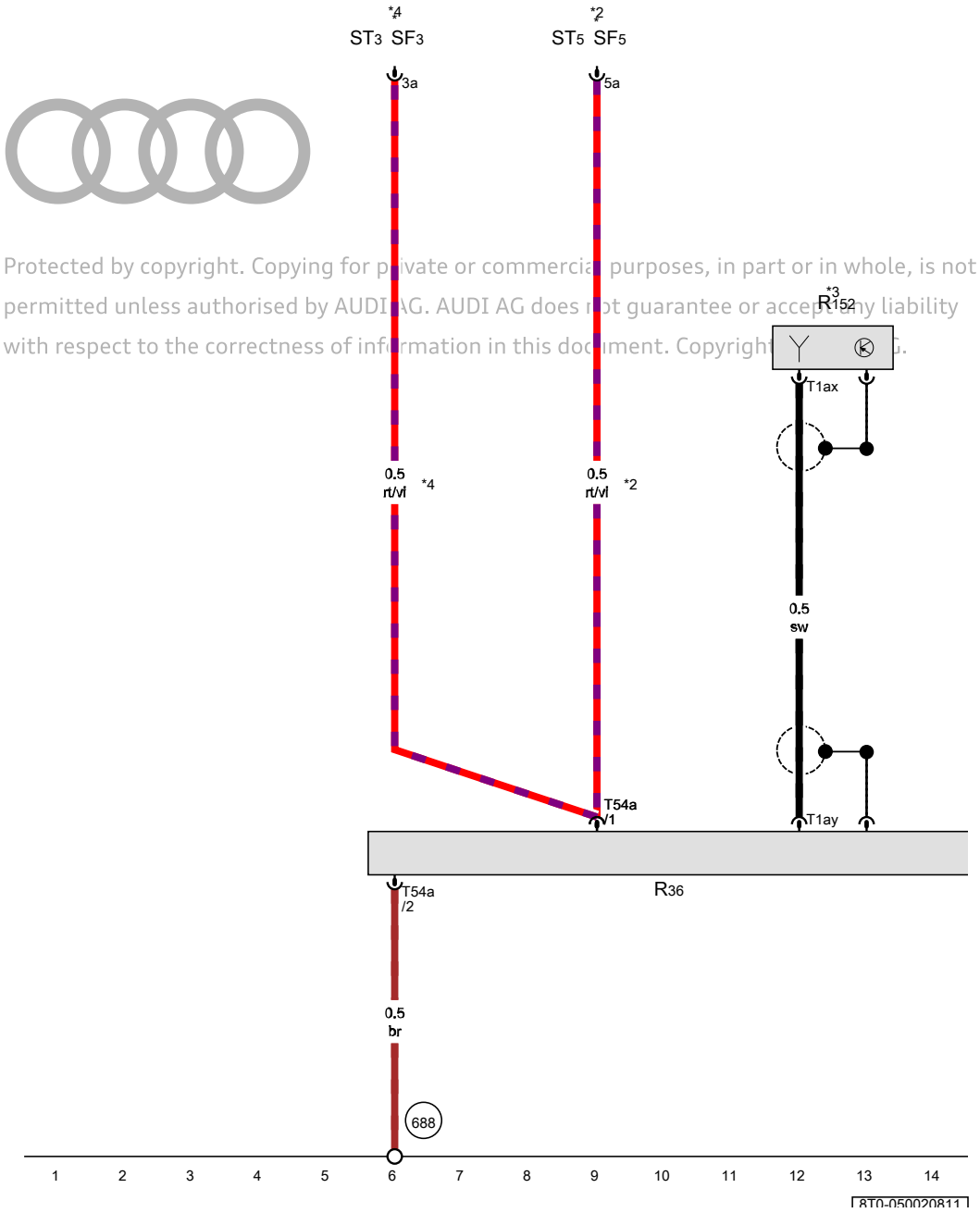
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Preparation for mobile telephone (infotainment CAN bus) - USA

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Telephone transmitter and receiver unit, Aerial for Bluetooth



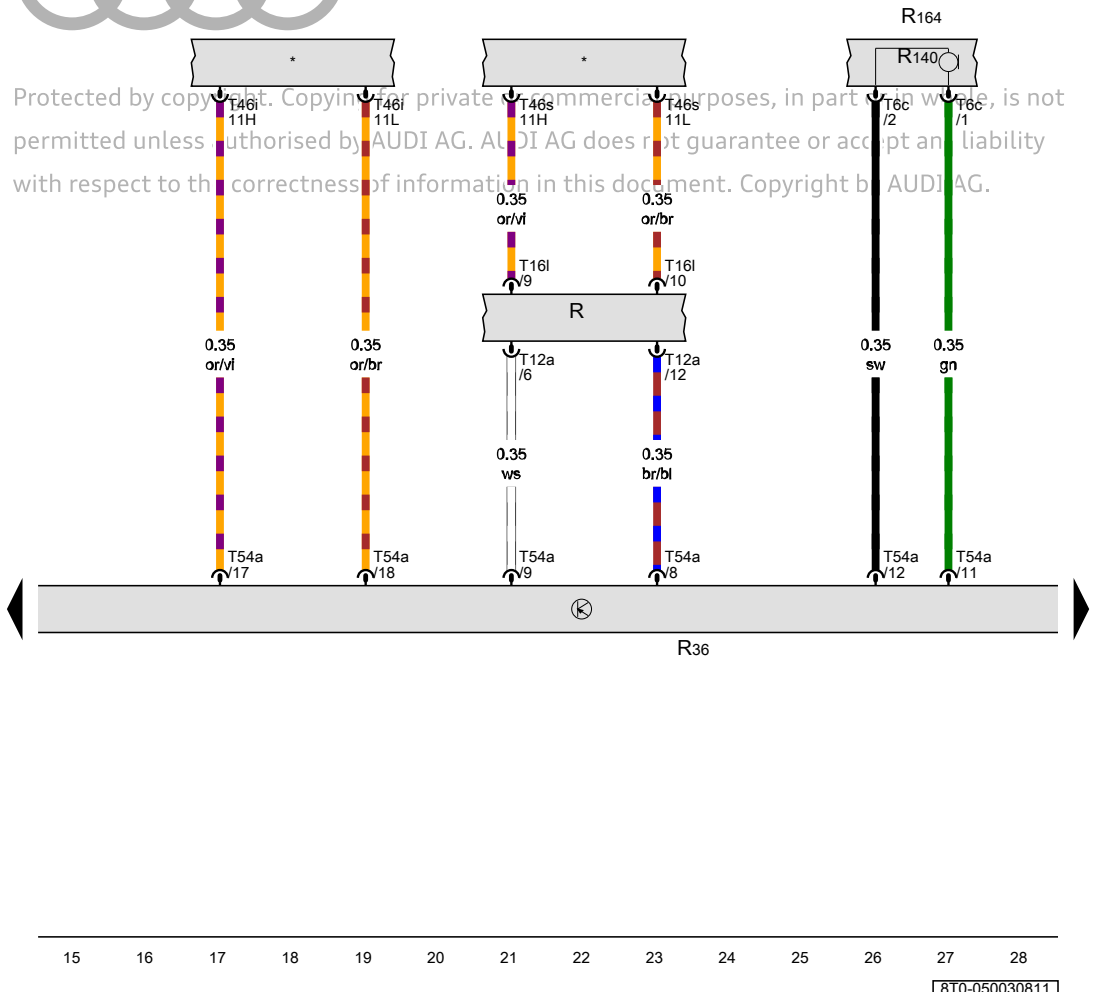
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R36	Telephone transmitter and receiver unit
R152	Aerial for Bluetooth
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T1ax	Single connector
T1ay	Single connector
T54a	54-pin connector
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Only models with Bluetooth
*4	Up to April 2009

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

Radio, Telephone transmitter and receiver unit, Front left microphone, Microphone unit in front roof module

R	Radio
R36	Telephone transmitter and receiver unit
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T12a	12-pin connector
T16l	16-pin connector
T46i	46-pin connector
T46s	46-pin connector
T54a	54-pin connector
*	see applicable current flow diagram

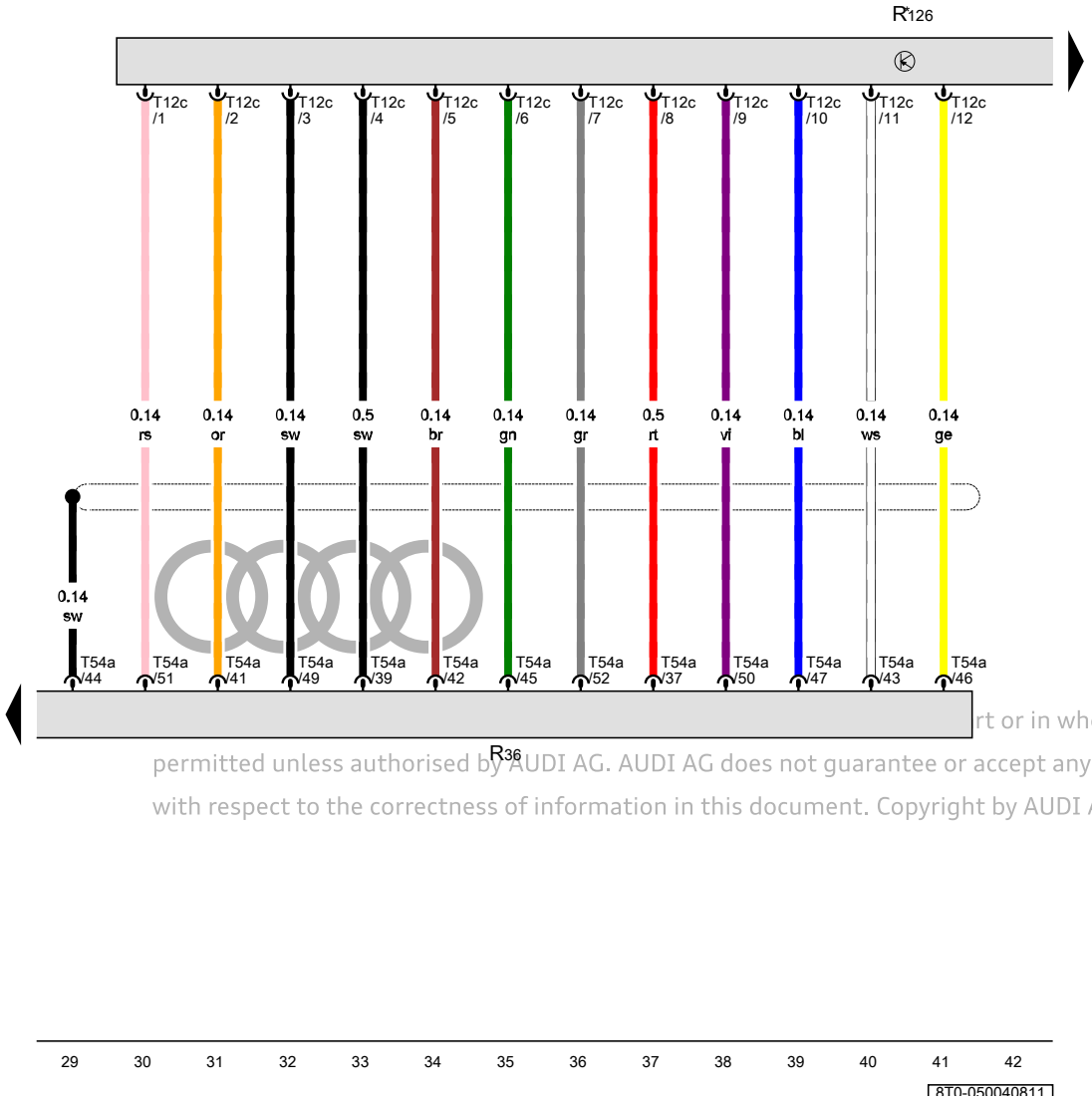


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or	=	orange
rs	=	pink

Telephone transmitter and receiver unit, Telephone bracket

R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T12c	12-pin connector
T54a	54-pin connector
*	According to equipment



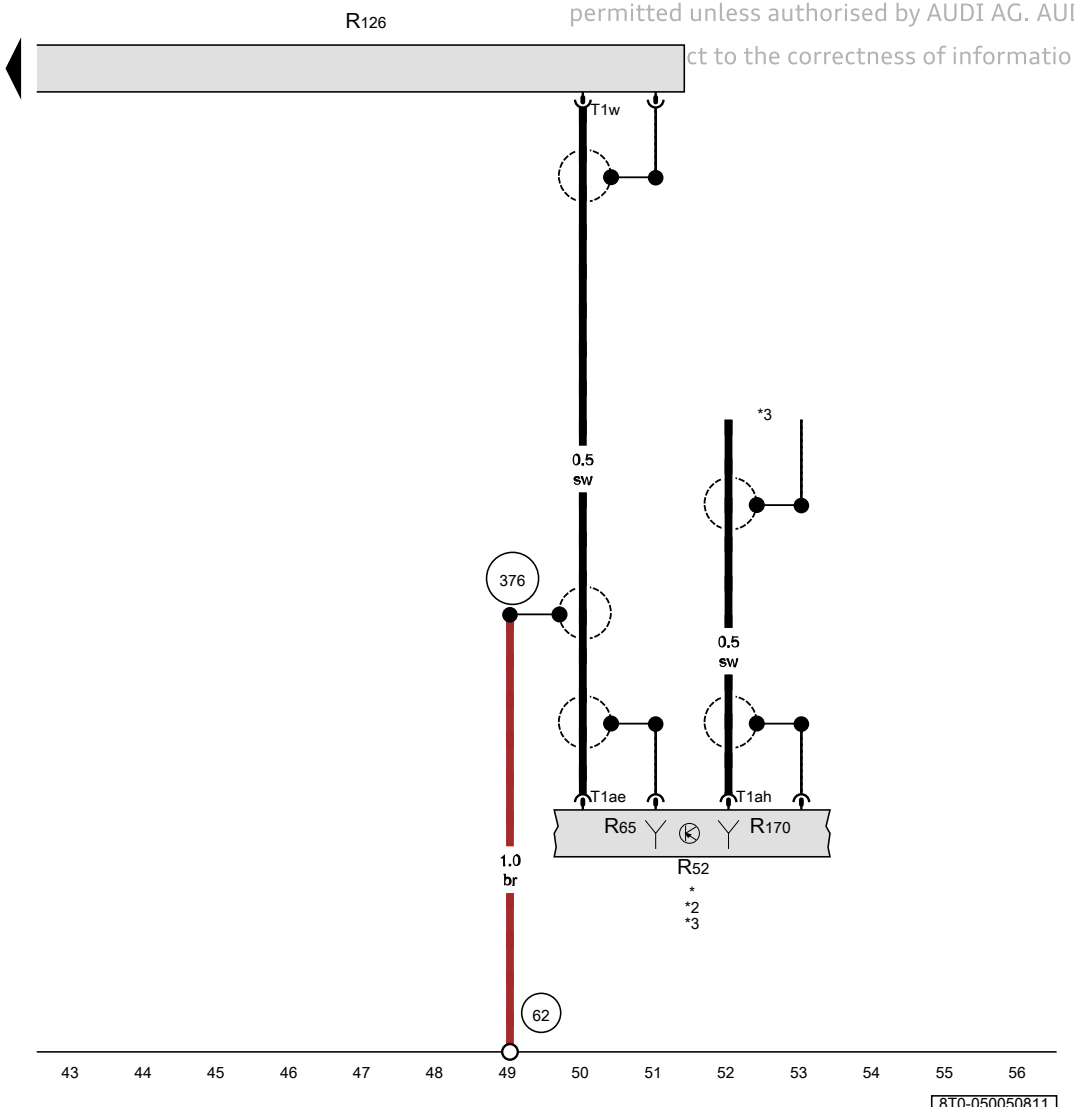
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or	=	orange
rs	=	pink

Radio, telephone and navigation system aerial, Telephone aerial, Telephone bracket, Satellite aerial

R52	Radio, telephone and navigation system aerial
R65	Telephone aerial
R126	Telephone bracket
R170	Satellite aerial
T1ae	Single connector
T1ah	Single connector
T1w	Single connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	Only models with 2-doors
*3	see applicable current flow diagram

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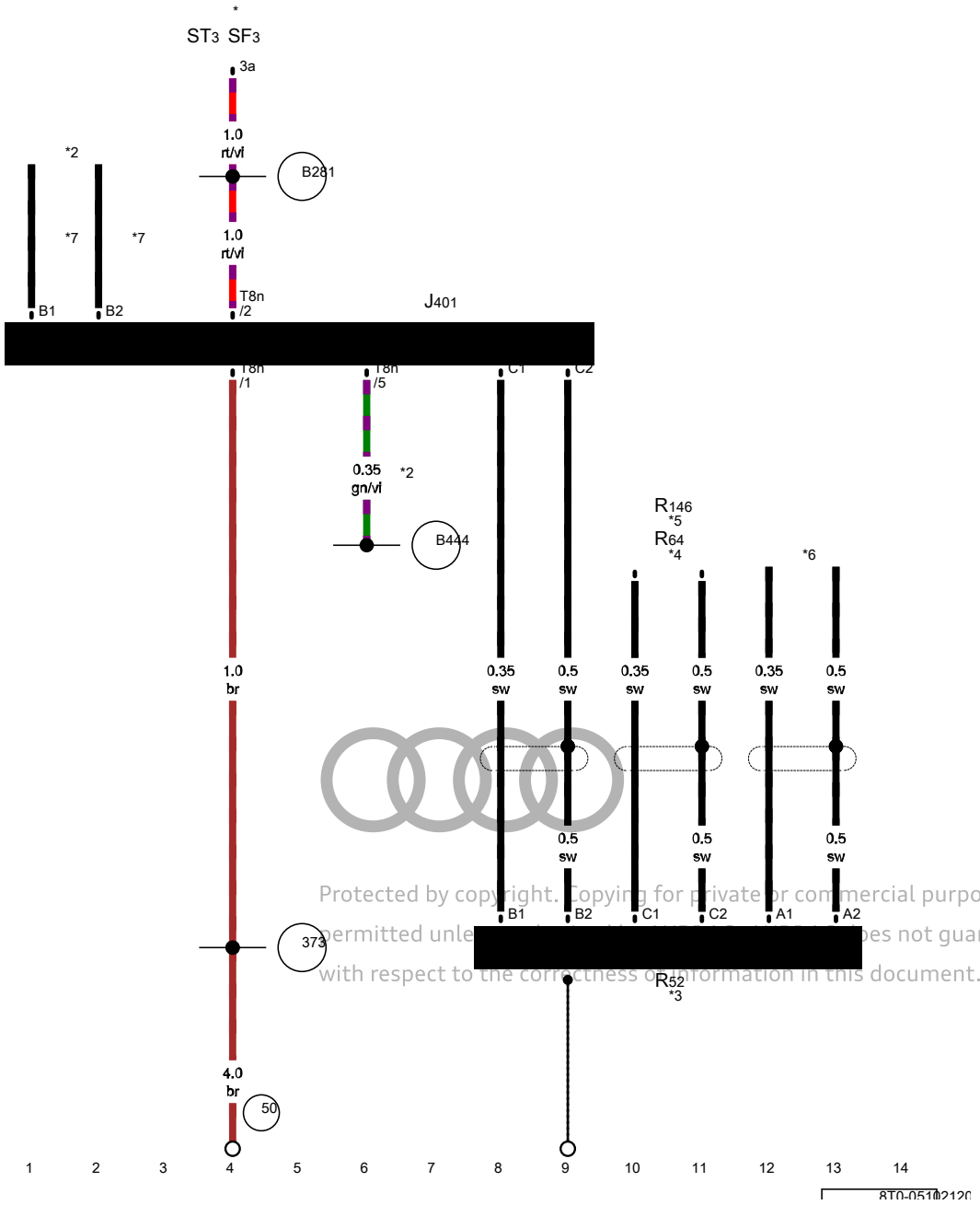


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ro	=	red
br	=	brown
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rs	=	pink

MMI high with navigation system

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Navigation system with CD drive control unit, Radio, telephone and navigation system aerial, Satellite aerial, Auxiliary heater aerial

J401	Navigation system with CD drive control unit
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R146	Satellite radio
R170	Satellite aerial
R182	Auxiliary heater aerial
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T8n	8-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) 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
*3	Roof aerial
*4	Only models with auxiliary heating
*5	Only models with satellite radio
*6	see applicable current flow diagram for preparation for mobile telephone
*7	Fibre optic cable (FOC)

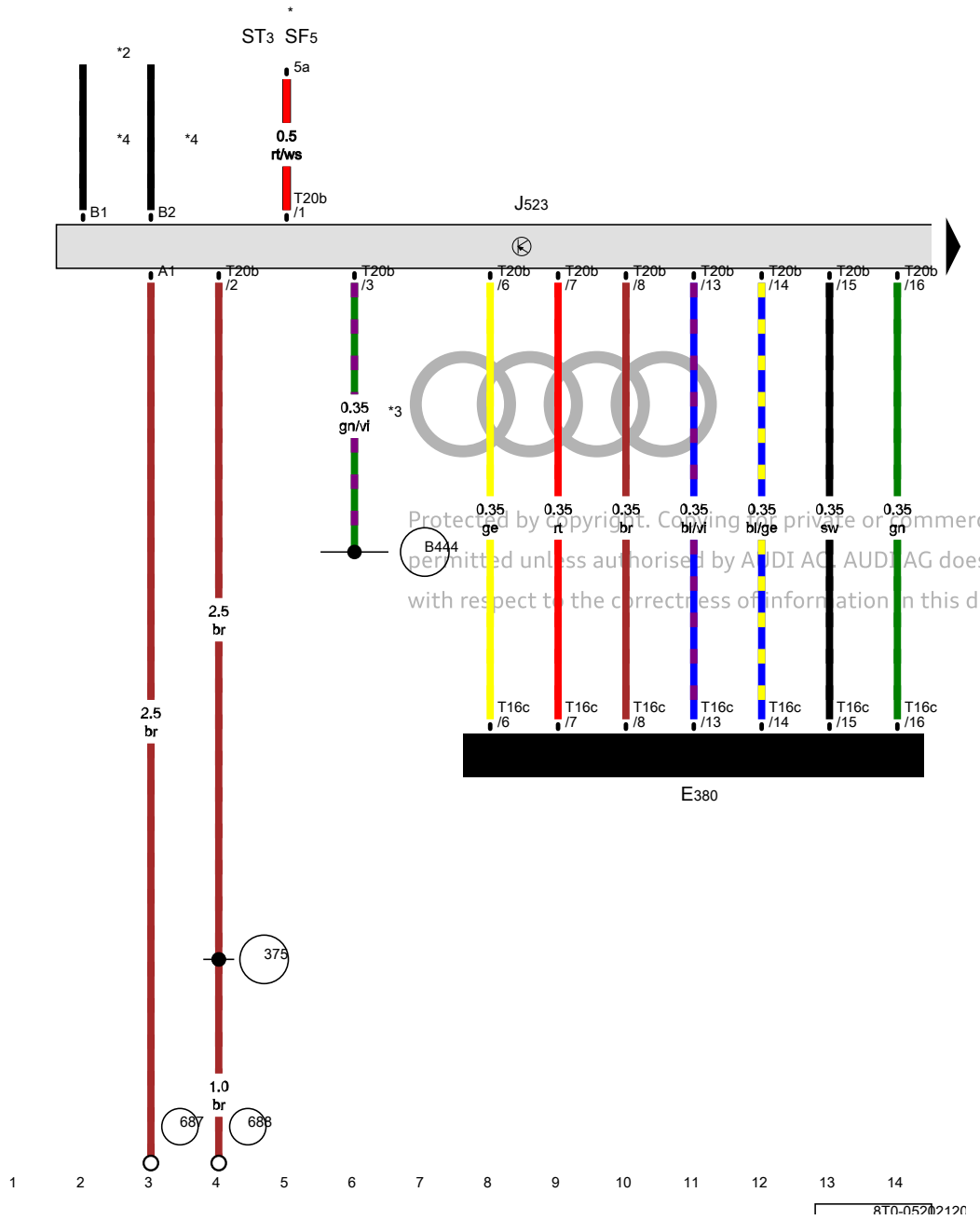
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ge	=	yellow
or	=	orange
rs	=	pink

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MMI High

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Multimedia system operating unit, Control unit for front display and information control panel

E380	Multimedia system operating unit
J523	Control unit for front display and information control panel
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T16c	16-pin connector
T20b	20-pin connector
375	Earth connection 10, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	see applicable current flow diagram for ring circuit break diagnostic
*4	Fibre optic cable (FOC)

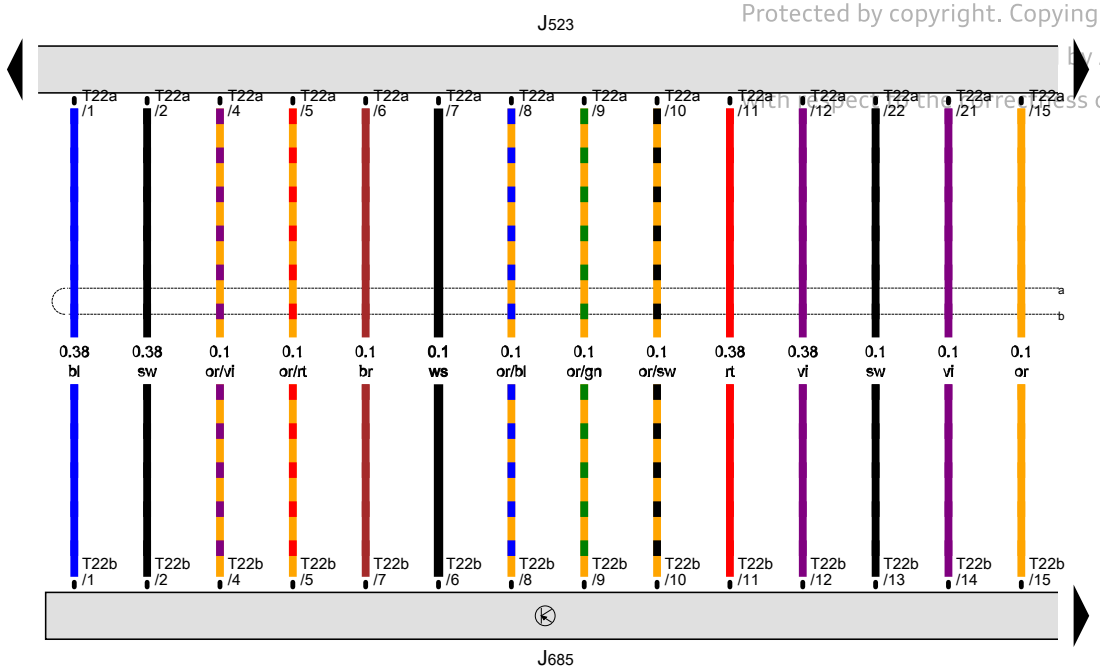
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Control unit for front display and information control panel, Display unit for front information display and operating unit control unit

J523 Control unit for front display and information control panel
J685 Display unit for front information display and operating unit control unit
T22a 22-pin connector
T22b 22-pin connector

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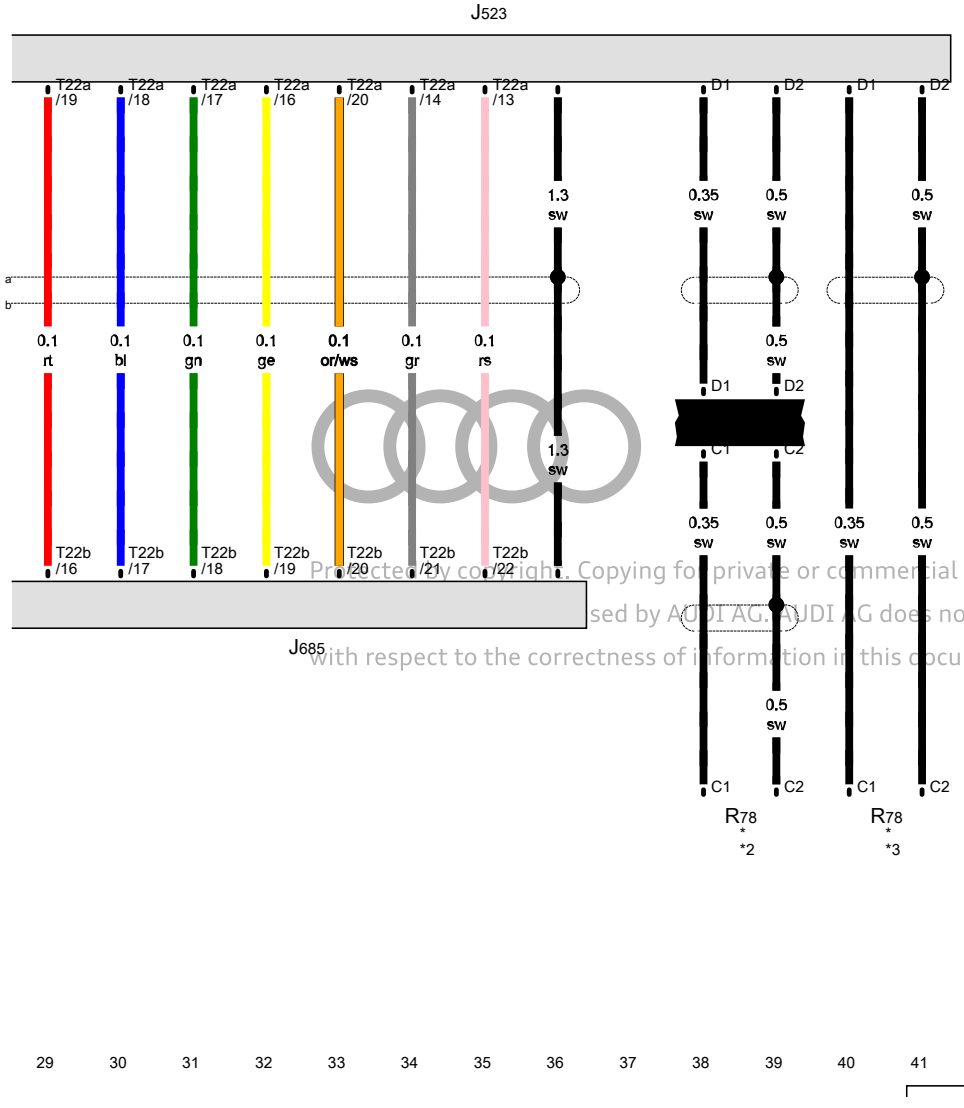
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ge	=	yellow
or	=	orange
rs	=	pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

8T0-052003120

Control unit for front display and information control panel, Display unit for front information display and operating unit control unit, Reversing camera system control unit, TV tuner

J523	Control unit for front display and information control panel
J685	Display unit for front information display and operating unit control unit
J772	Reversing camera system control unit
R78	TV tuner
T22a	22-pin connector
T22b	22-pin connector
*	Only models with TV tuner
*2	Only models with reversing camera system
*3	Only models with no reversing camera system



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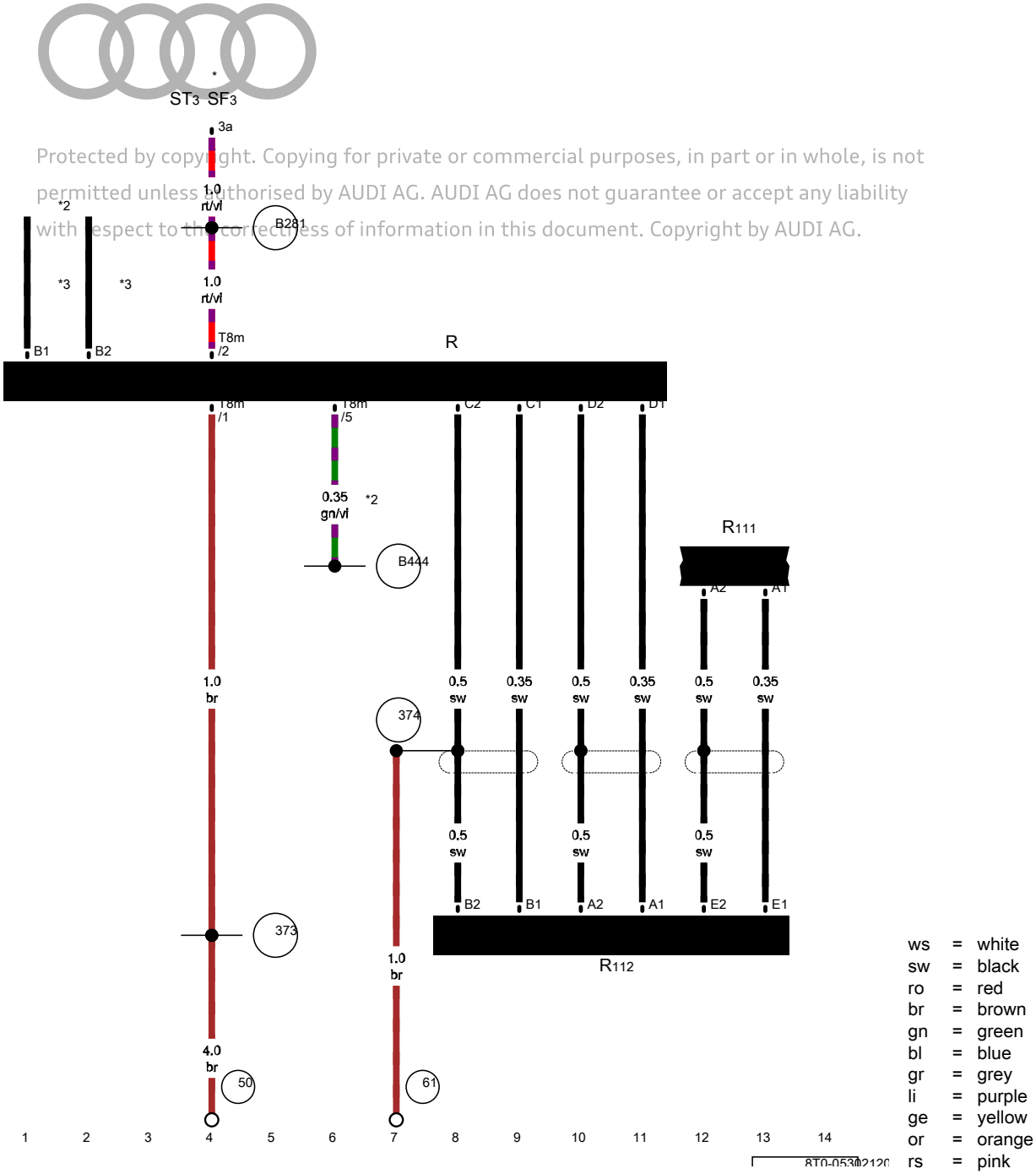
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rs	=	pink

MMI high with radio

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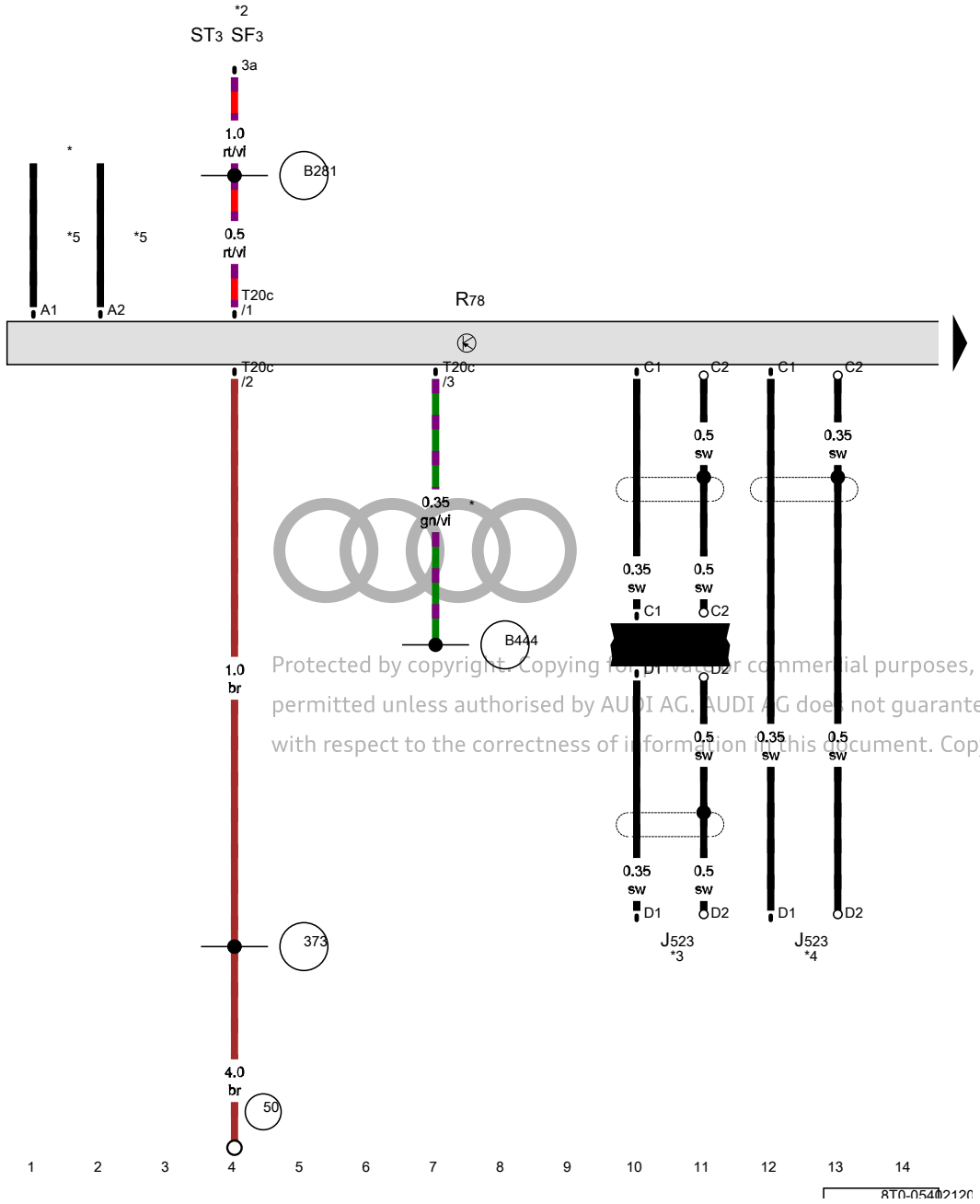
Radio, Aerial amplifier 2, Aerial amplifier 3

R	Radio
R111	Aerial amplifier 2
R112	Aerial amplifier 3
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T8m	8-pin connector
50	Earth point, on left in luggage compartment
61	Earth point, left C-pillar
373	Earth connection 8, in main wiring harness
374	Earth connection 9, in main wiring harness
B281	Positive connection 5 (15a) 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
*3	Fibre optic cable (FOC)

MMI high with TV tuner

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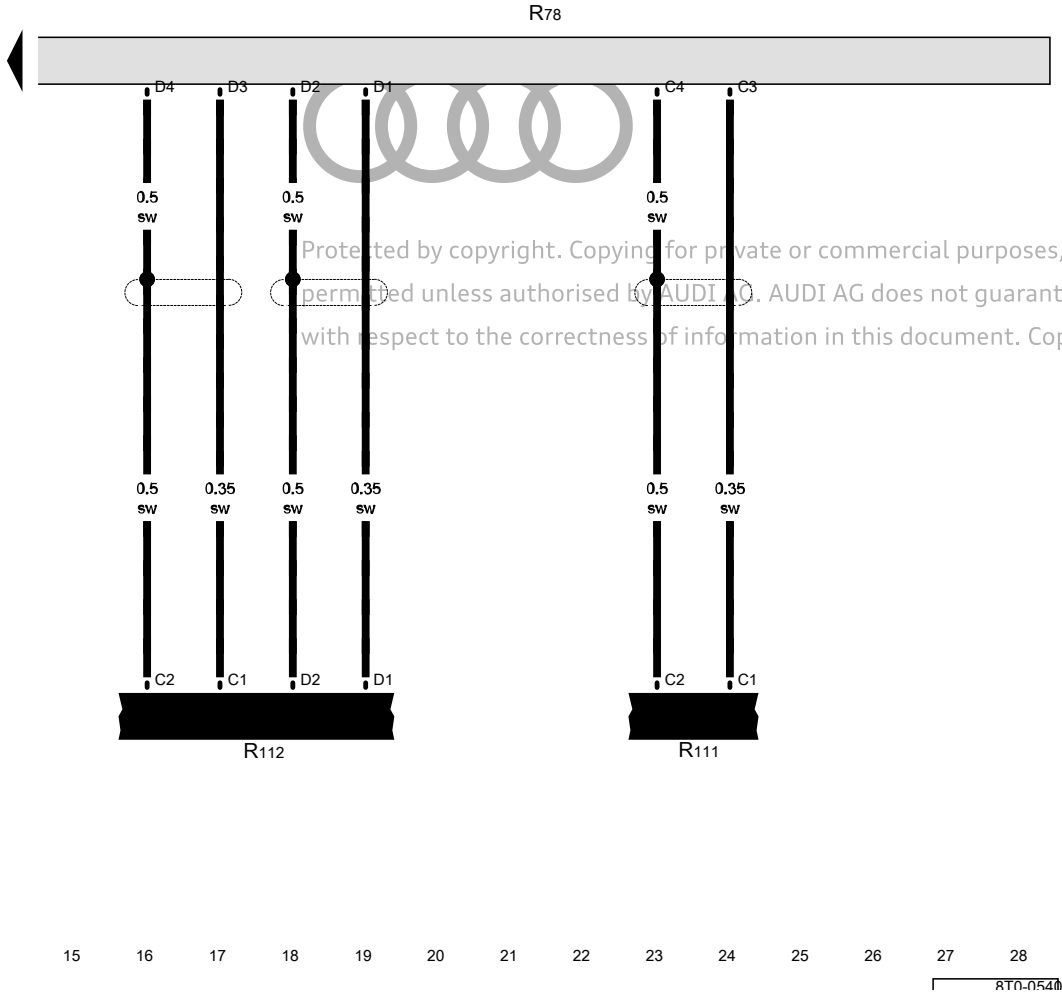
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Control unit for front display and information control panel, Reversing camera system control unit, TV tuner

J523	Control unit for front display and information control panel
J772	Reversing camera system control unit
R78	TV tuner
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T20c	20-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Only models with reversing camera system
*4	Only models with no reversing camera system
*5	Fibre optic cable (FOC)

TV tuner, Aerial amplifier 2, Aerial amplifier 3

R78 TV tuner
R111 Aerial amplifier 2
R112 Aerial amplifier 3



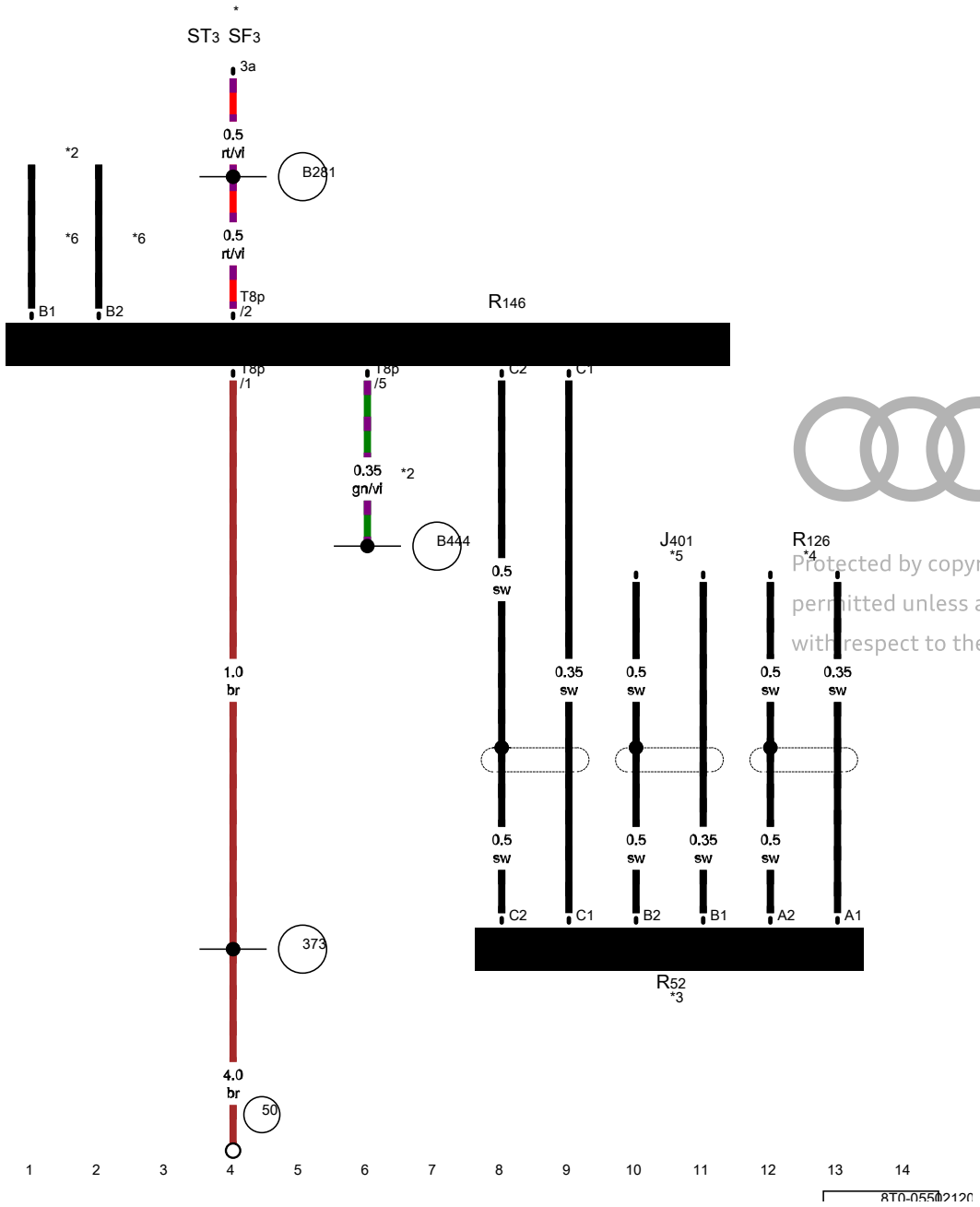
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rs = pink

MMI with satellite radio

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li = purple
ge = yellow
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rs = pink

Navigation system with CD drive control unit, Radio, telephone and navigation system aerial, Telephone bracket, Satellite radio, Satellite aerial

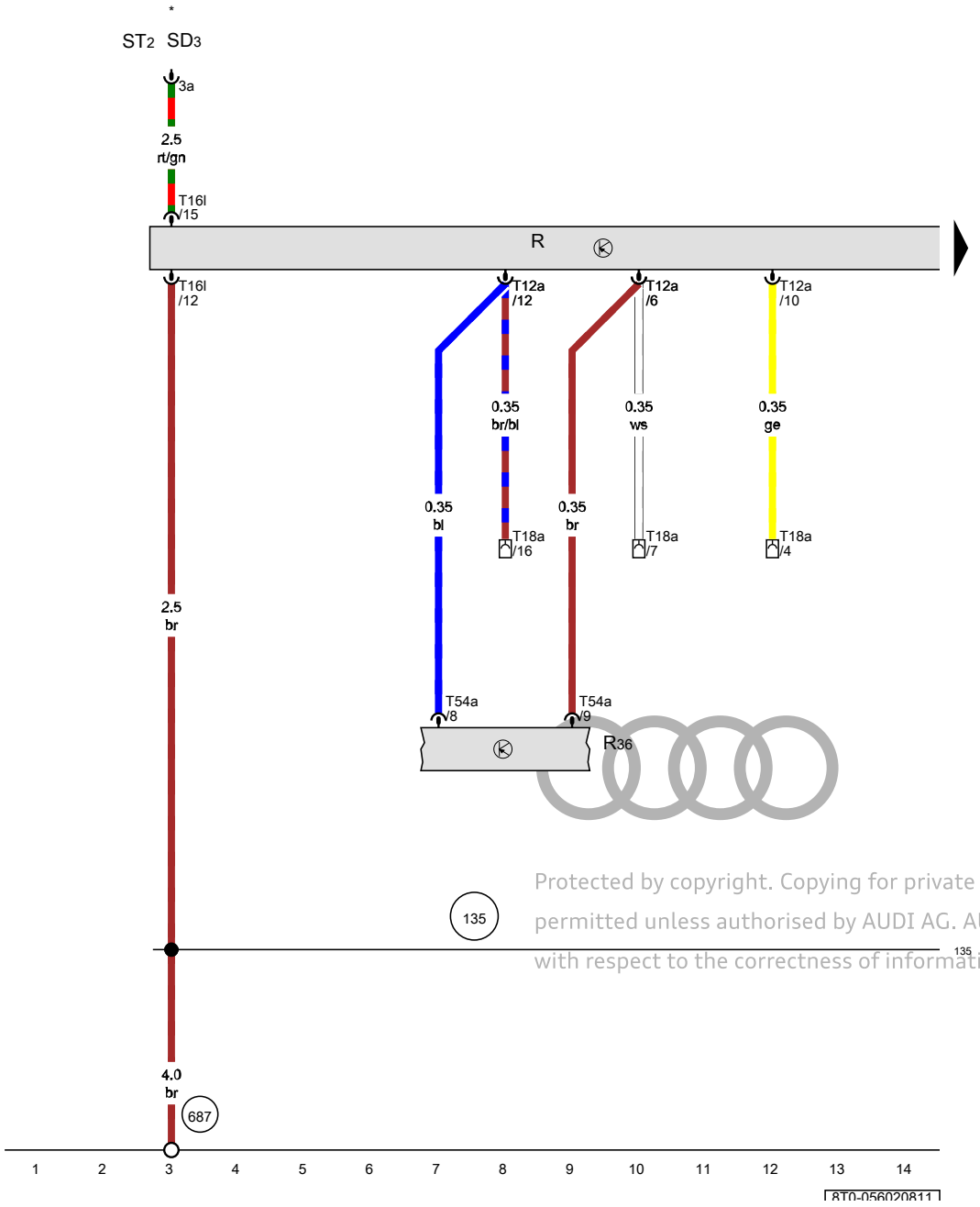
J401	Navigation system with CD drive control unit
R52	Radio, telephone and navigation system aerial
R126	Telephone bracket
R146	Satellite radio
R170	Satellite aerial
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
T8p	8-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) 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
*3	Roof aerial
*4	Only models with preparation for mobile telephone
*5	Only models with navigation system
*6	Fibre optic cable (FOC)

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Radio with basic and basic plus sound system

From June 2007

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Radio, Telephone transmitter and receiver unit

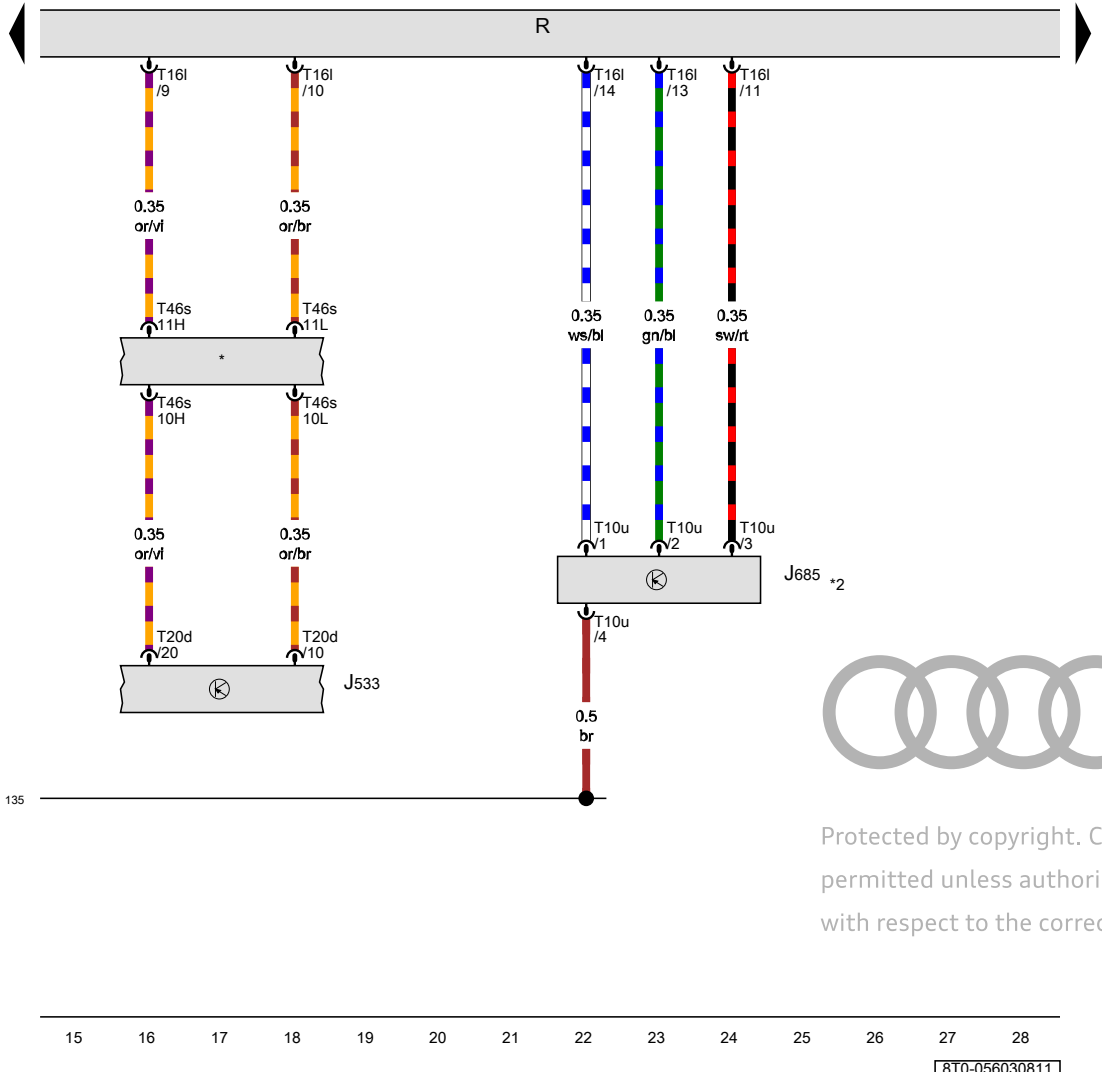
R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T18a	18-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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br	=	brown
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or	=	orange
rs	=	pink

Data bus diagnostic interface, Display unit for front information display and operating unit control unit, Radio

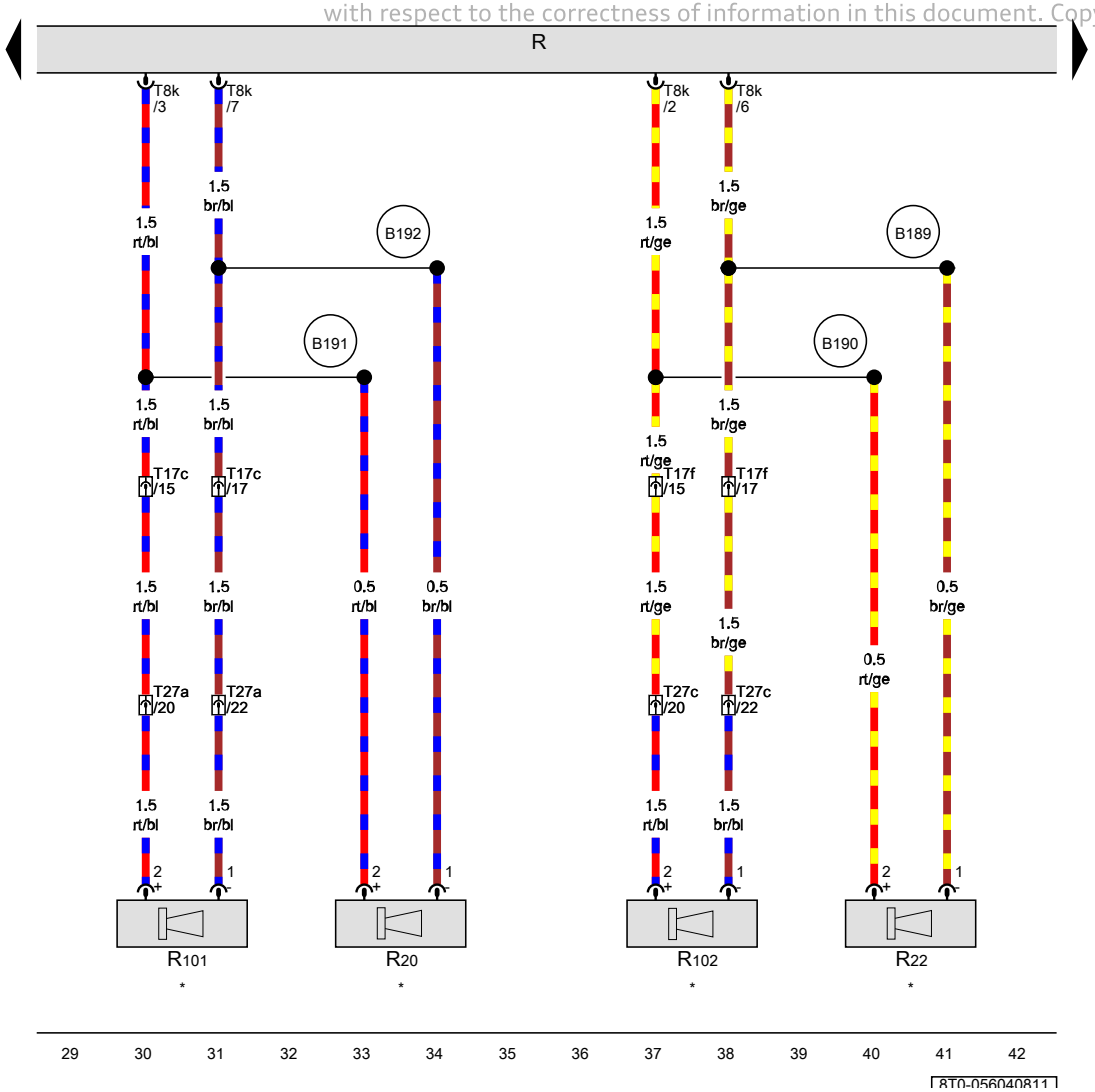
J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
R	Radio
T10u	10-pin connector
T16l	16-pin connector
T20d	20-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram
*2	Optional equipment



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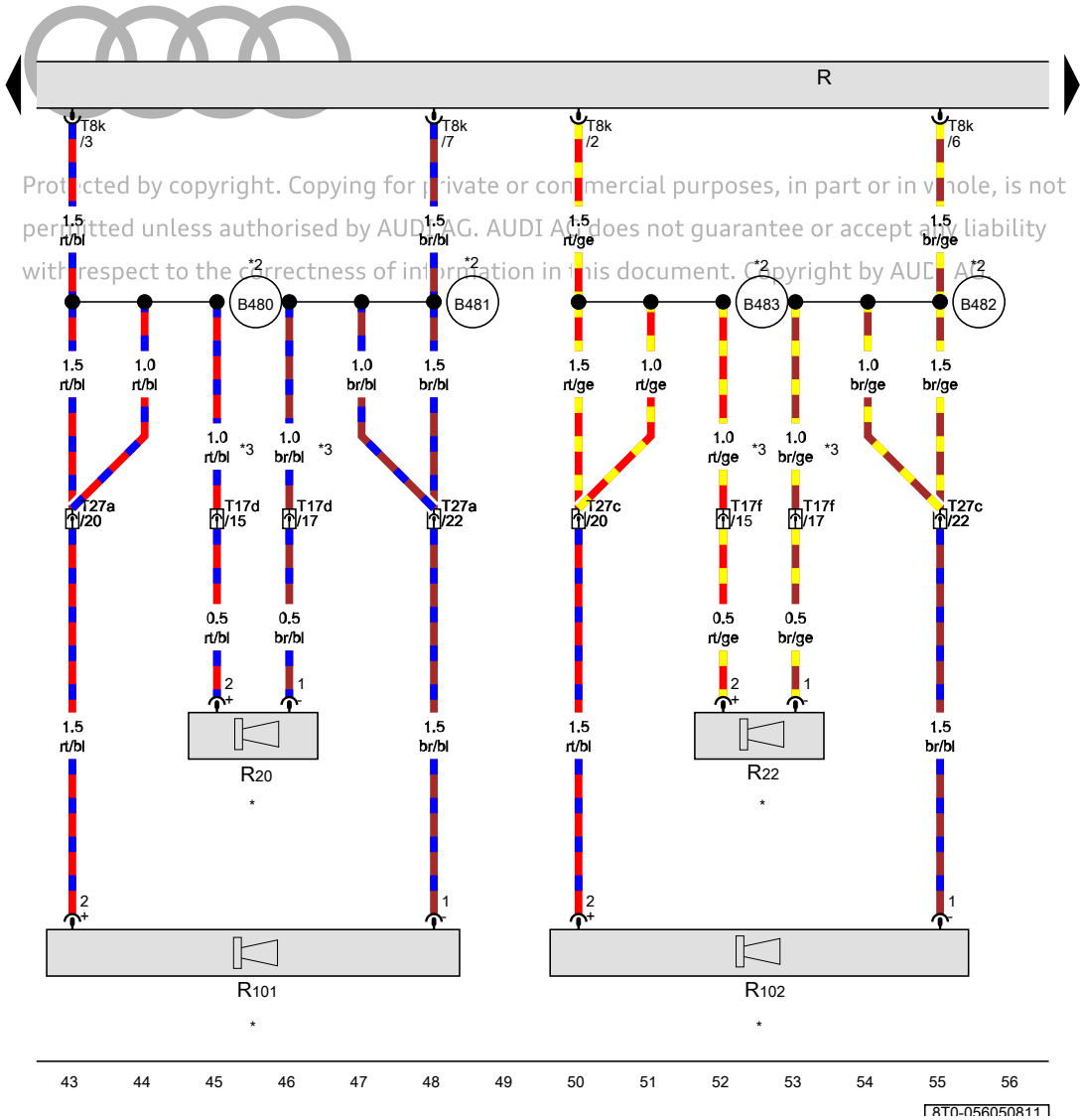
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rs = pink

Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
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
T8k	8-pin connector
T17c	17-pin connector
T17f	17-pin connector
T27a	27-pin connector
T27c	27-pin connector
B189	Connection (positive, front right loudspeaker), in interior wiring harness
B190	Connection (negative, front right loudspeaker), in interior wiring harness
B191	Connection (positive, front left loudspeaker), in interior wiring harness
B192	Connection (negative, front left loudspeaker), in interior wiring harness
*	According to equipment



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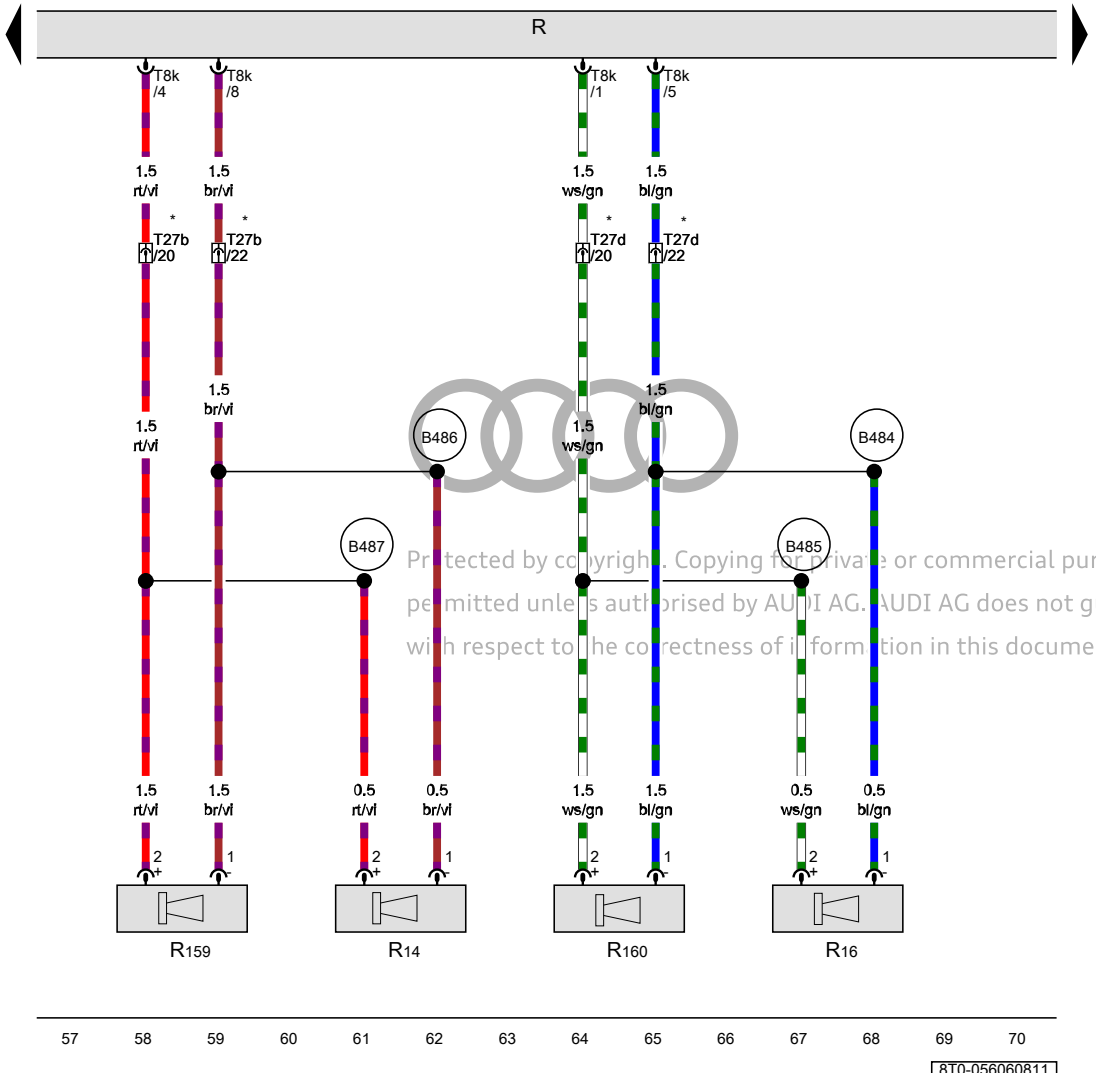
ws = white
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rs = pink

Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
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
T8k	8-pin connector
T17d	17-pin connector
T17f	17-pin connector
T27a	27-pin connector
T27c	27-pin connector
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness
*	According to equipment
*2	Gradually discontinued
*3	Cross section depends on equipment

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

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
T8k	8-pin connector
T27b	27-pin connector
T27d	27-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors

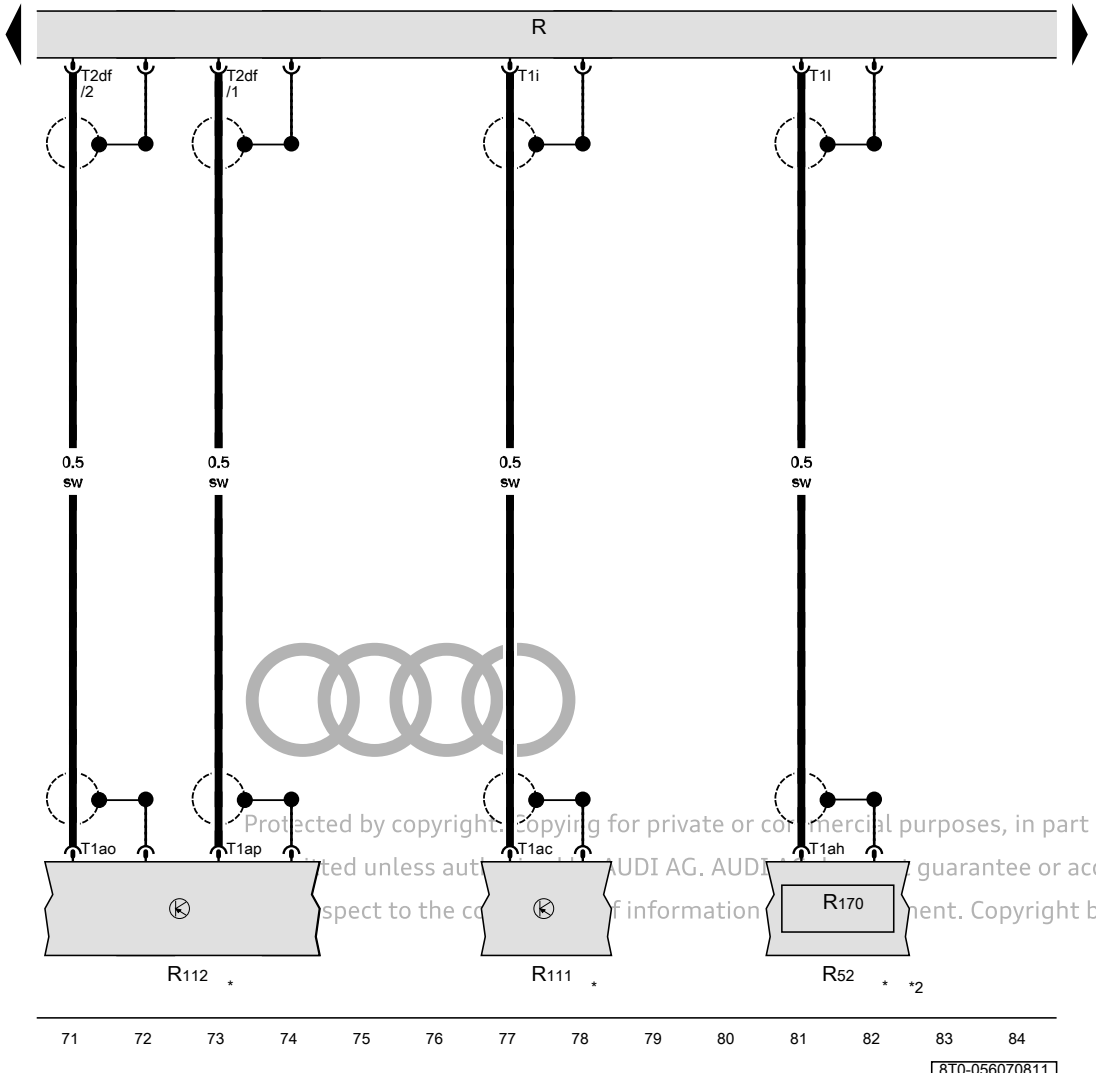


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or	=	orange
rs	=	pink

Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial

R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
*	According to equipment
*2	Roof aerial

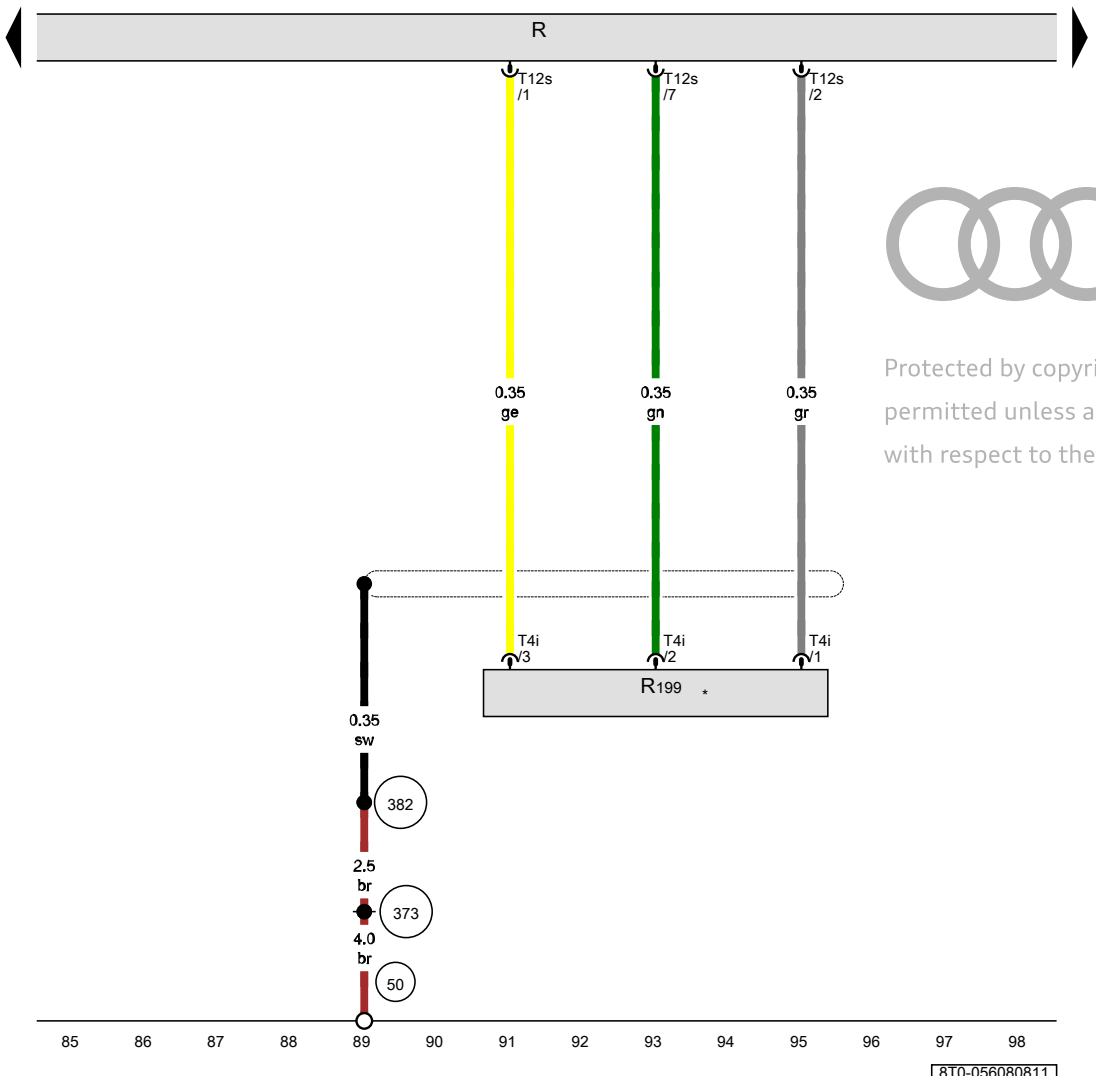


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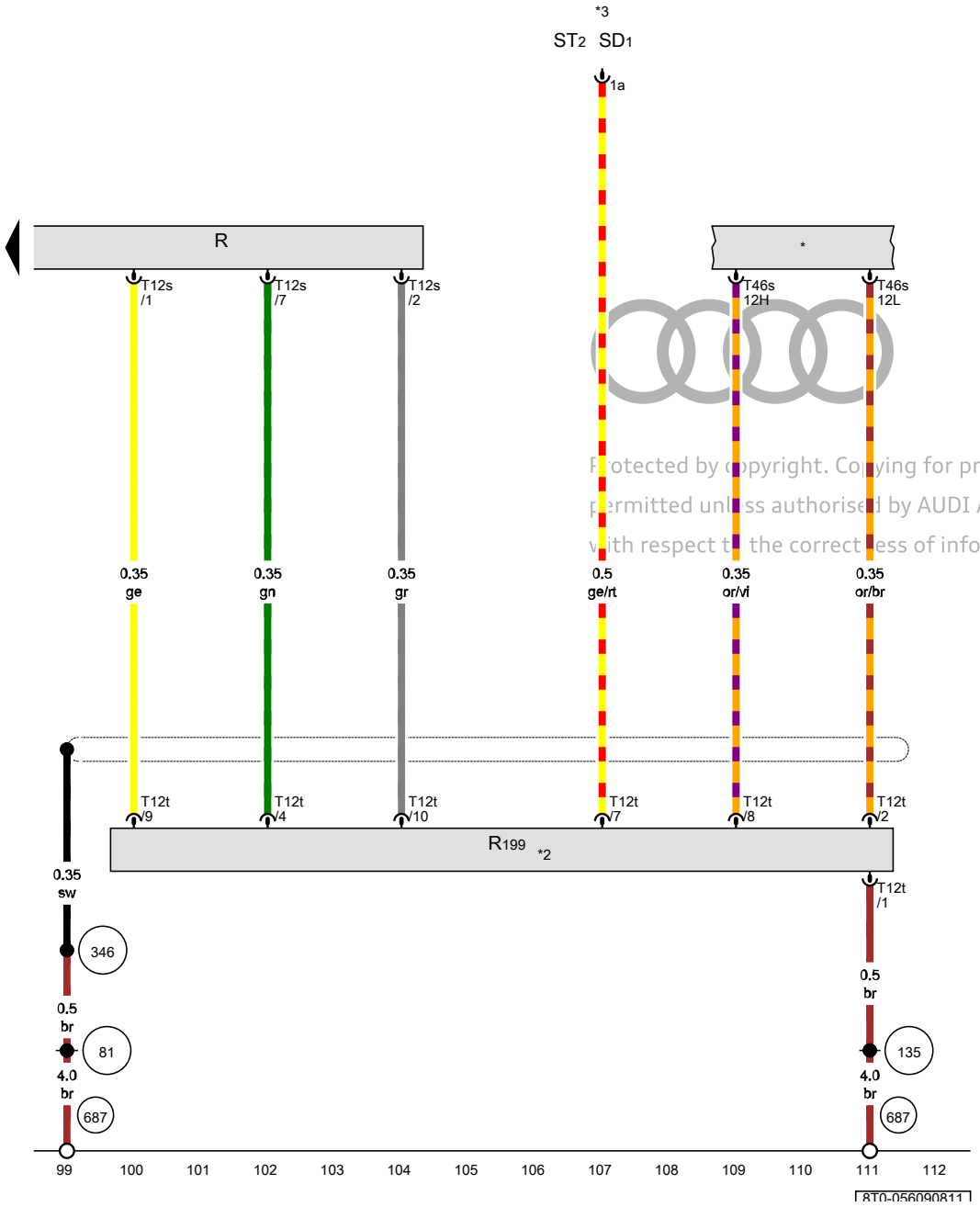
Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
382	Earth connection 17, in main wiring harness
*	Only models with connection for external audio sources - AUX-IN socket



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Radio

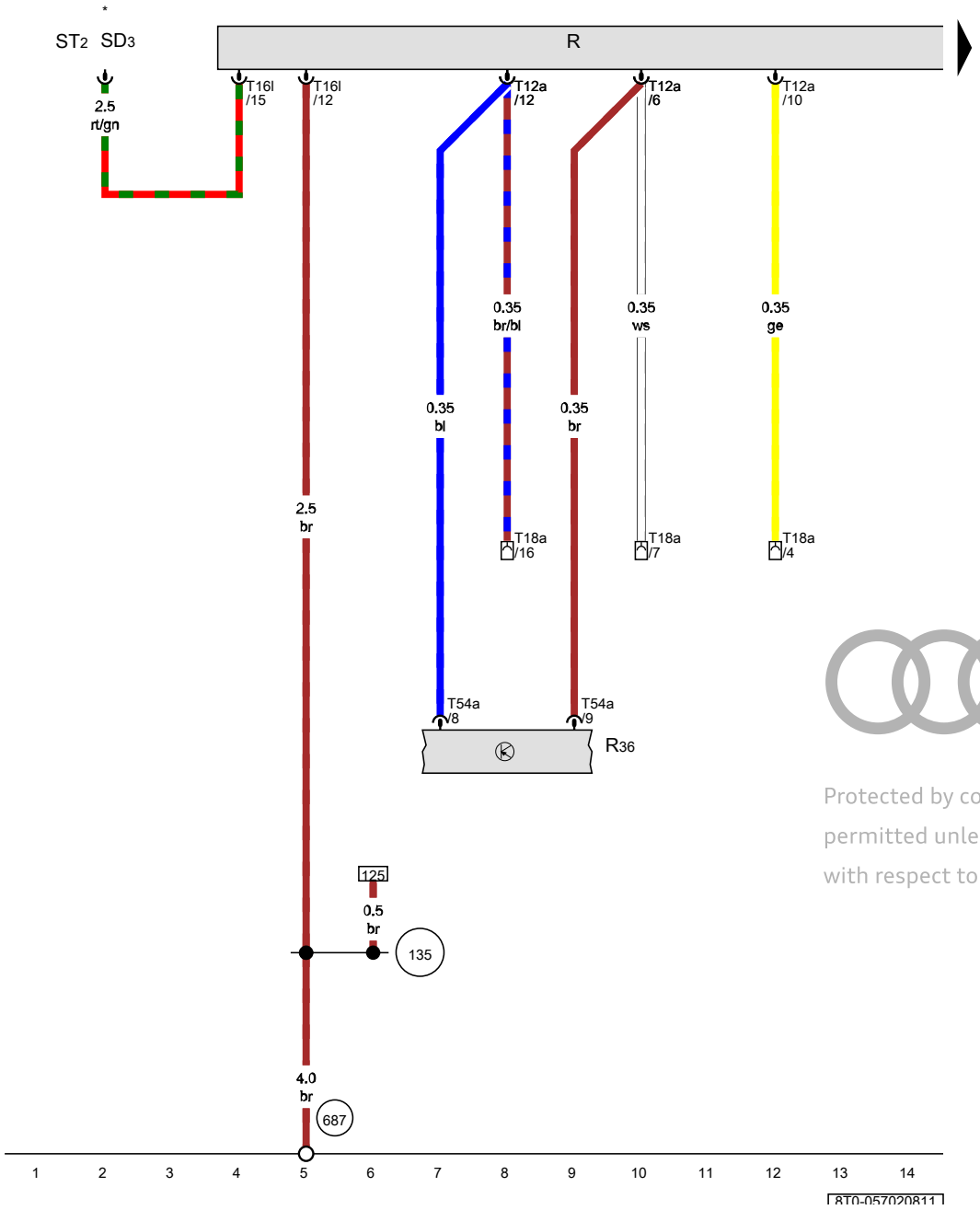
R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment

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Radio with Standard sound system

From June 2007

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Radio, Telephone transmitter and receiver unit

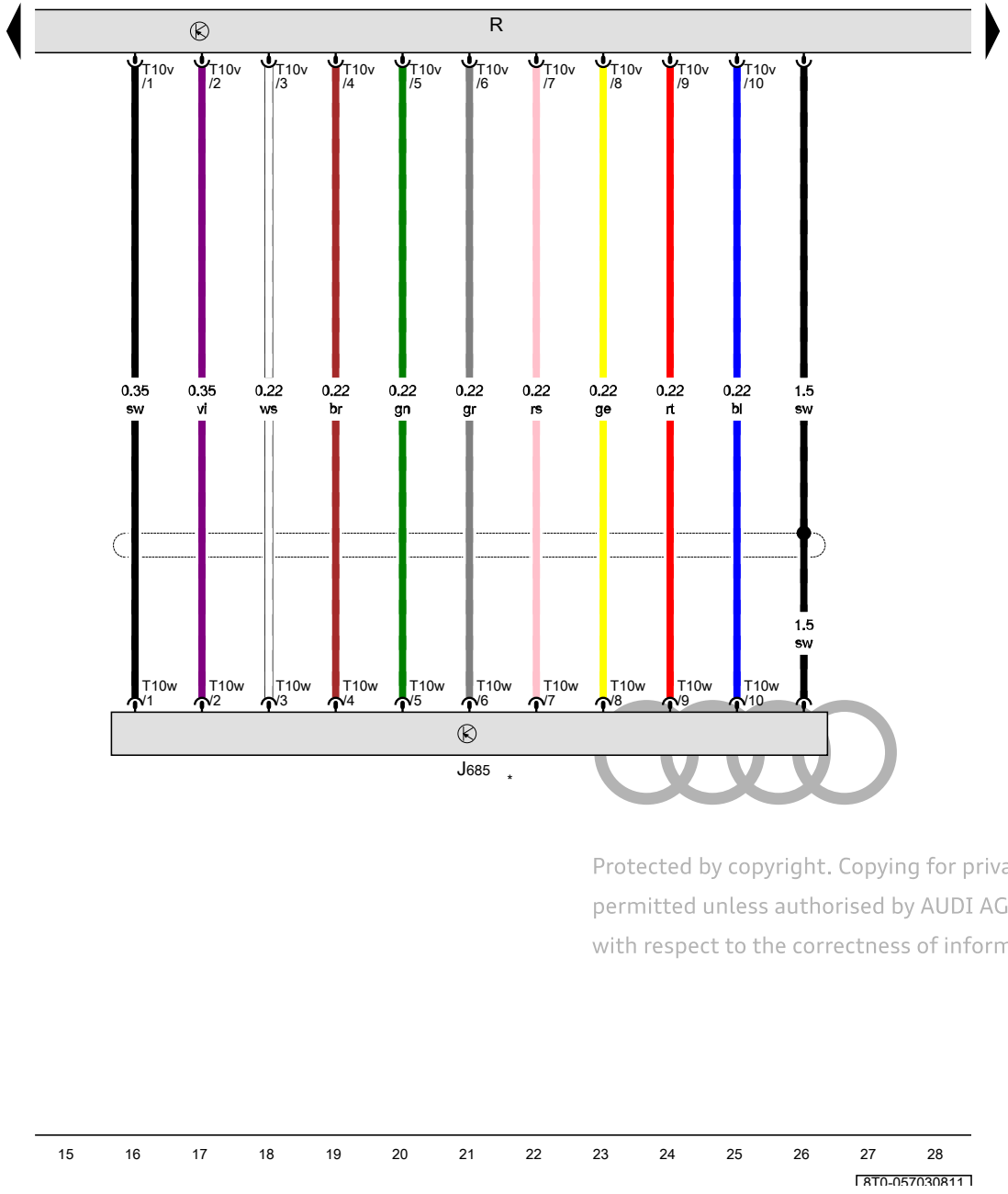
R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T18a	18-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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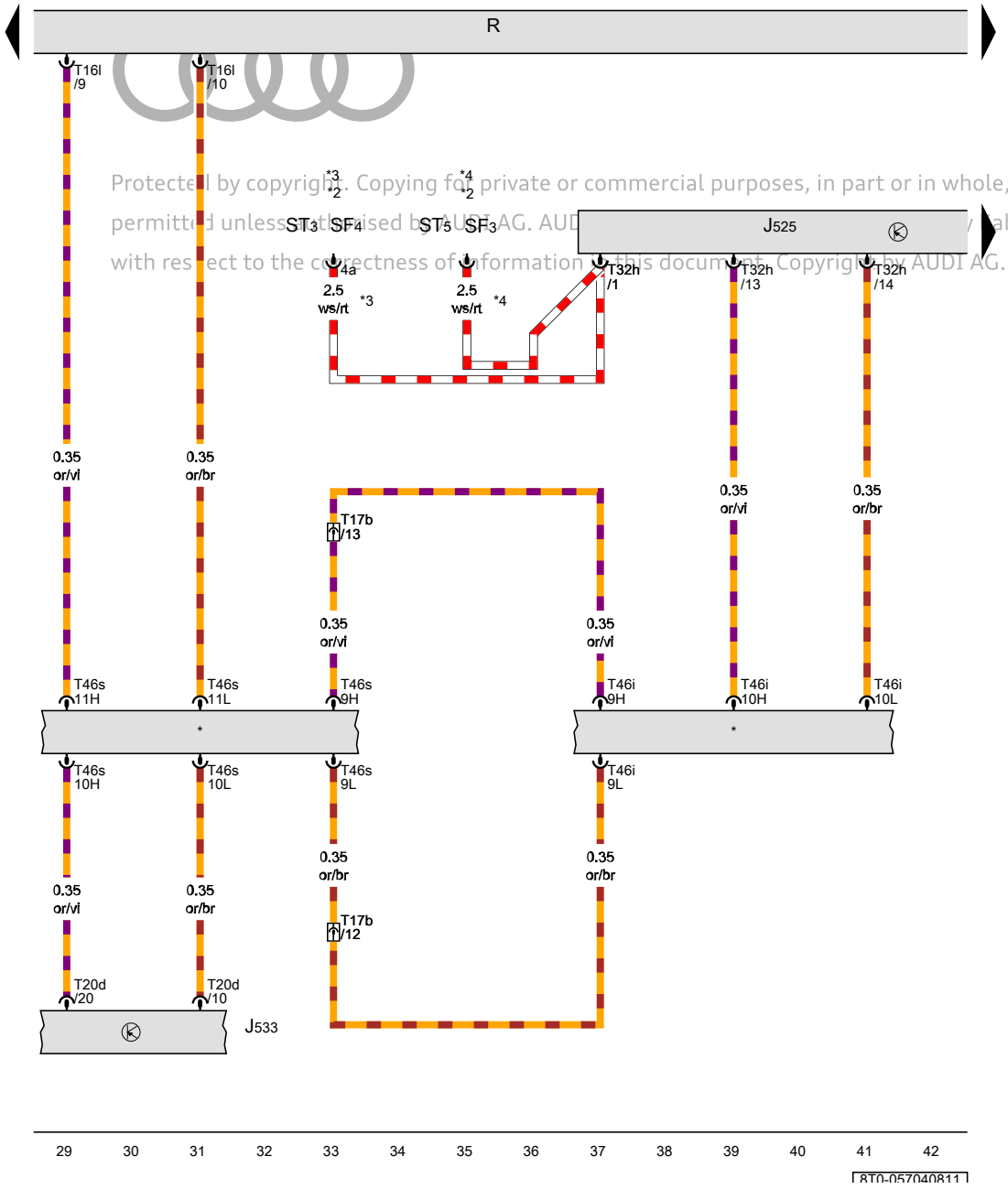
Display unit for front information display and operating unit control unit, Radio

J685	Display unit for front information display and operating unit control unit
R	Radio
T10v	10-pin connector
T10w	10-pin connector
*	Optional equipment



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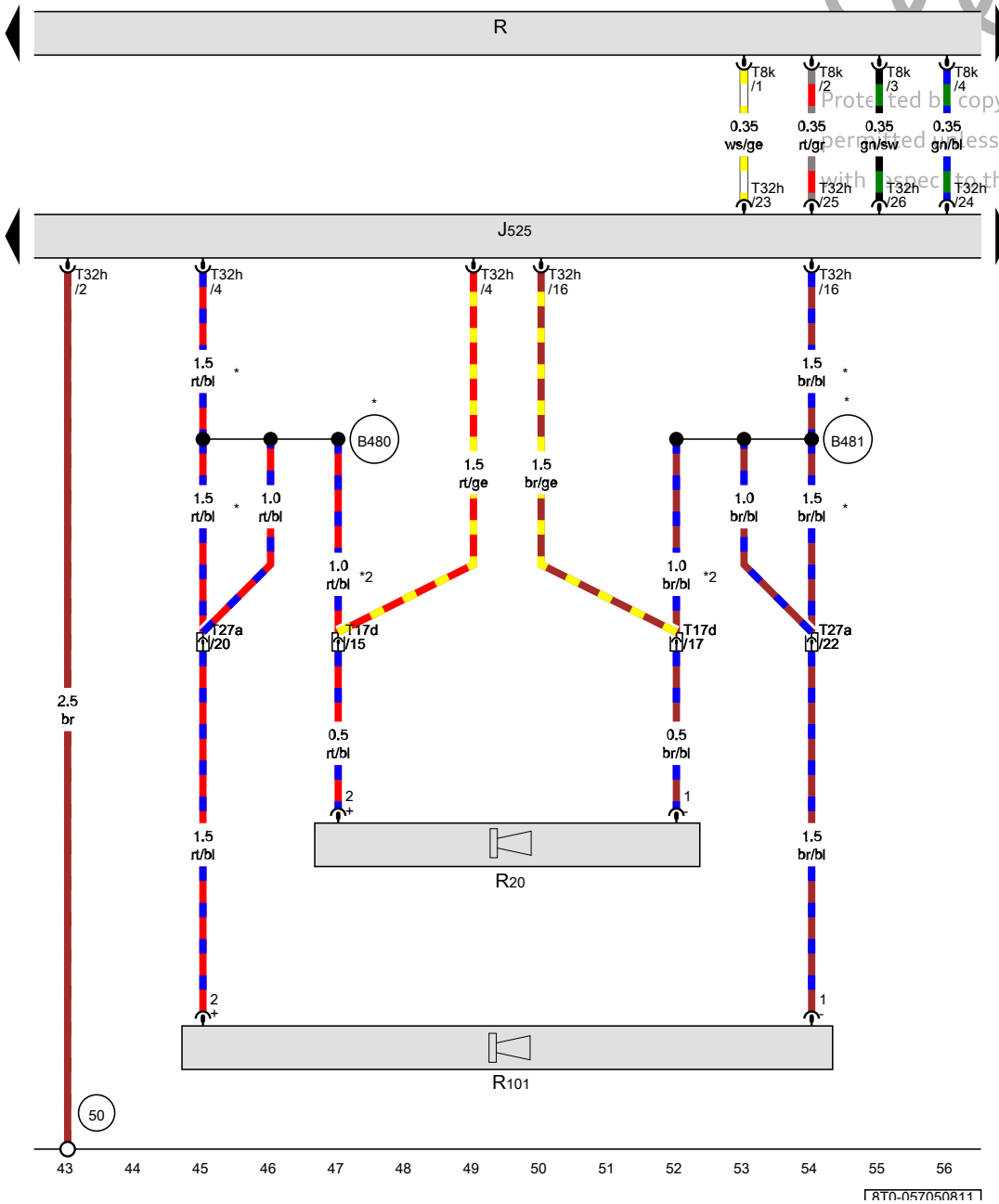


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Digital sound package control unit, Data bus diagnostic interface, Radio

J525	Digital sound package control unit
J533	Data bus diagnostic interface
R	Radio
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T16l	16-pin connector
T17b	17-pin connector, blue
T20d	20-pin connector
T32h	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009

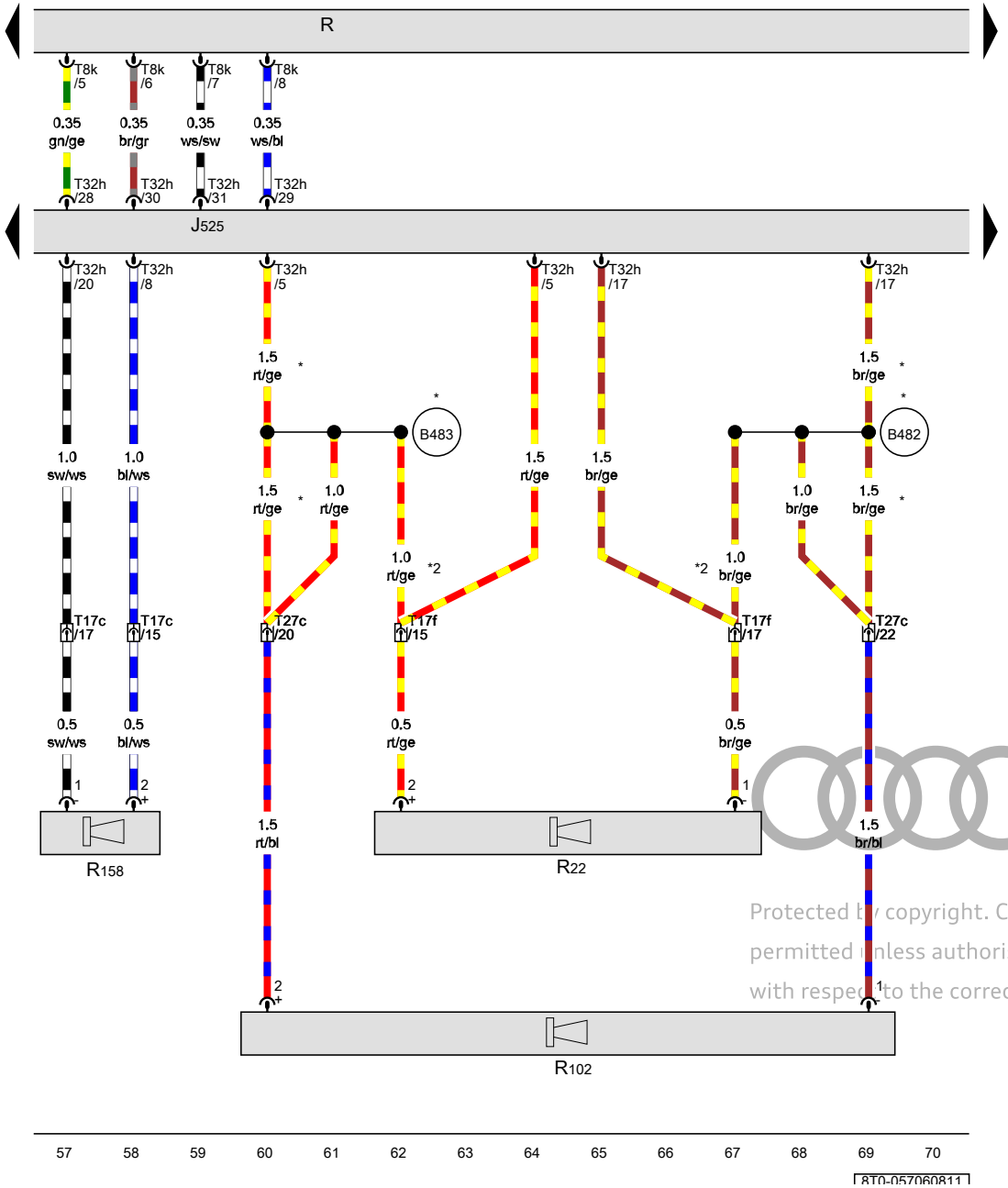


Digital sound package control unit, Radio, Front left treble loudspeaker, Front left mid-range and bass loudspeaker

J525	Digital sound package control unit
R	Radio
R20	Front left treble loudspeaker
R101	Front left mid-range and bass loudspeaker
T8k	8-pin connector
T17d	17-pin connector
T27a	27-pin connector
T32h	32-pin connector
50	Earth point, on left in luggage compartment
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

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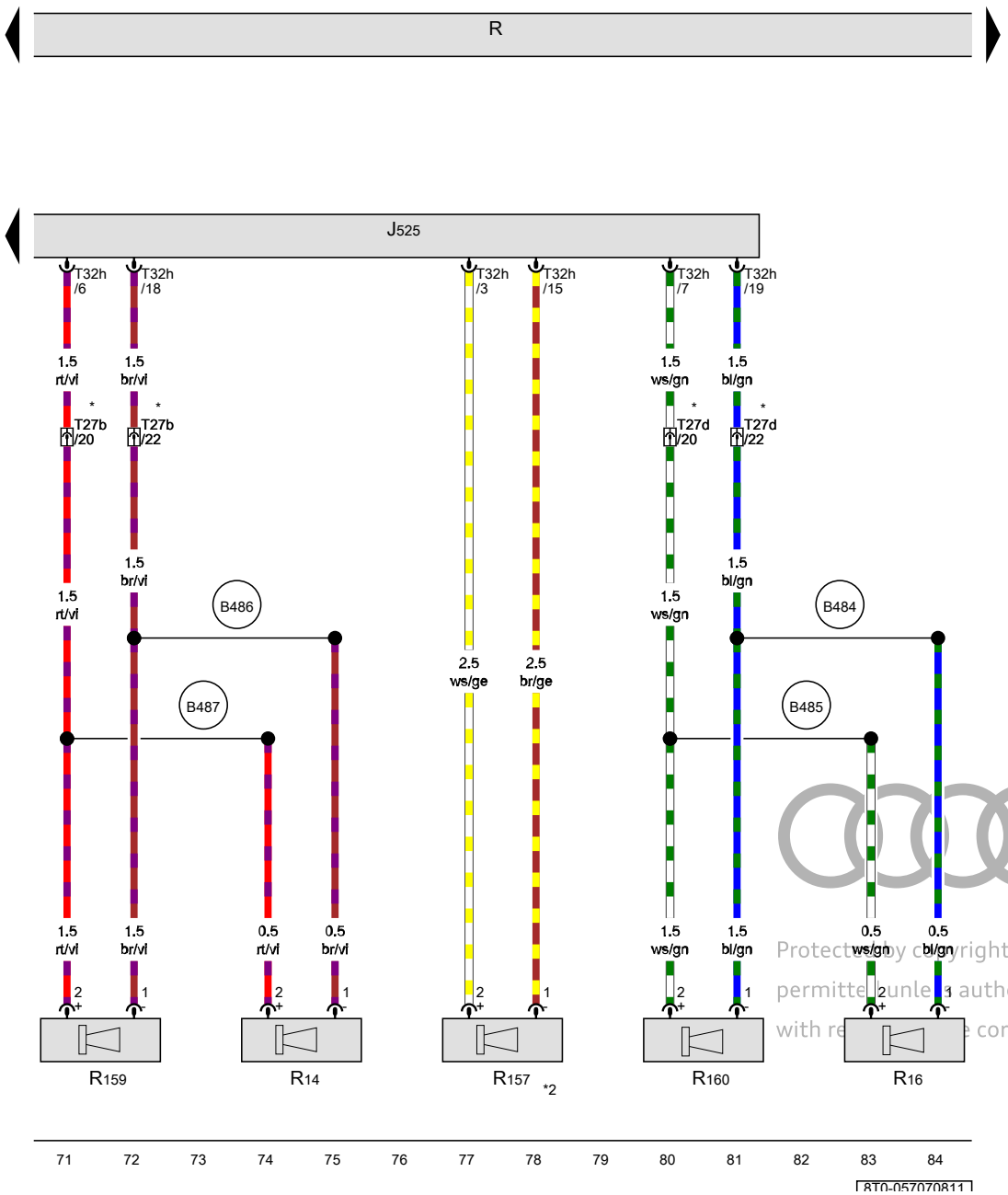


Digital sound package control unit, Radio, Front right treble loudspeaker, Front right mid-range and bass loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R	Radio
R22	Front right treble loudspeaker
R102	Front right mid-range and bass loudspeaker
R158	Centre mid-range and treble loudspeaker
T8k	8-pin connector
T17c	17-pin connector
T17f	17-pin connector
T27c	27-pin connector
T32h	32-pin connector
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

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Digital sound package control unit, Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Subwoofer in rear shelf, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

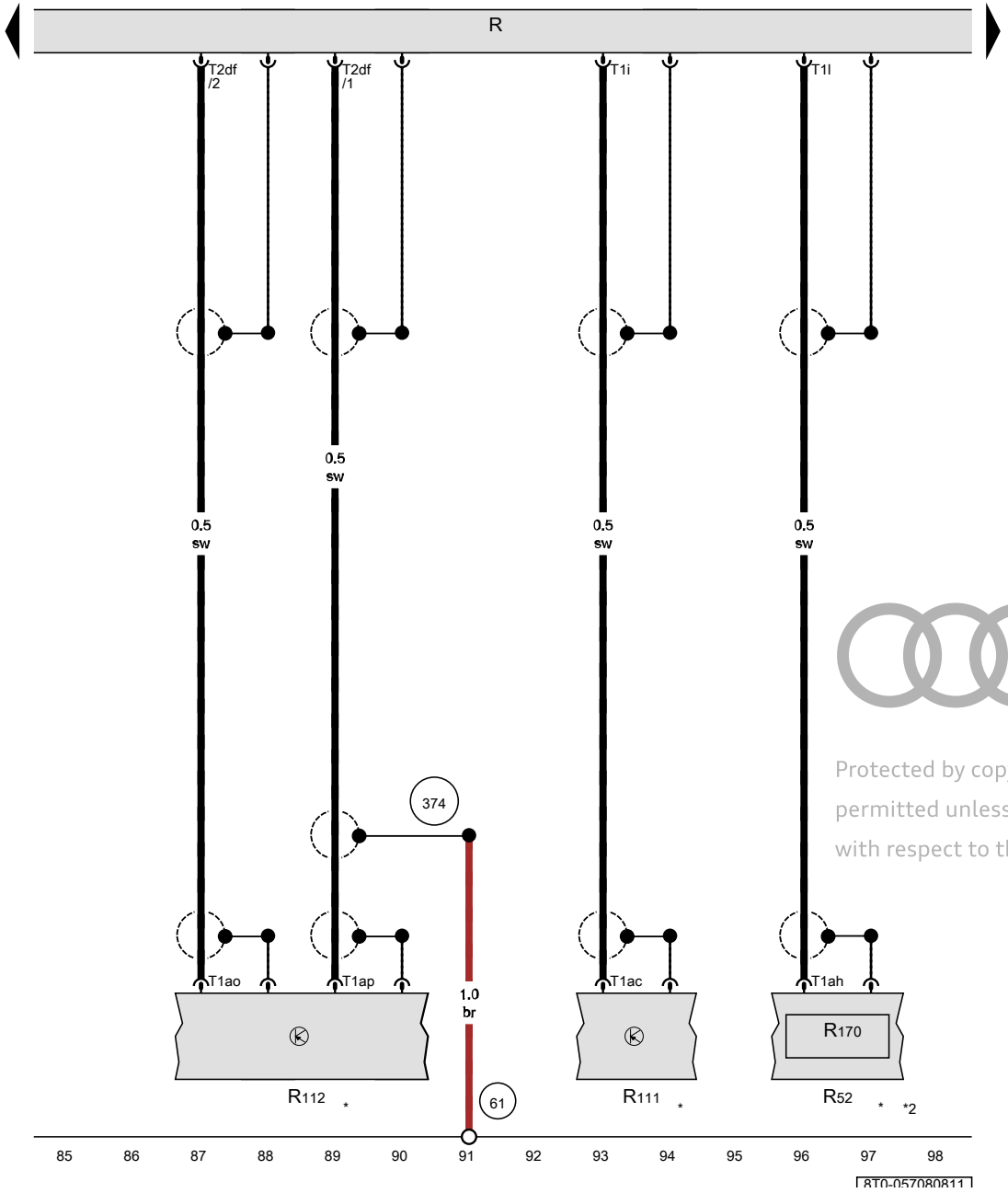
J525	Digital sound package control unit
R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R157	Subwoofer in rear shelf
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T27b	27-pin connector
T27d	27-pin connector
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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gr	=	grey
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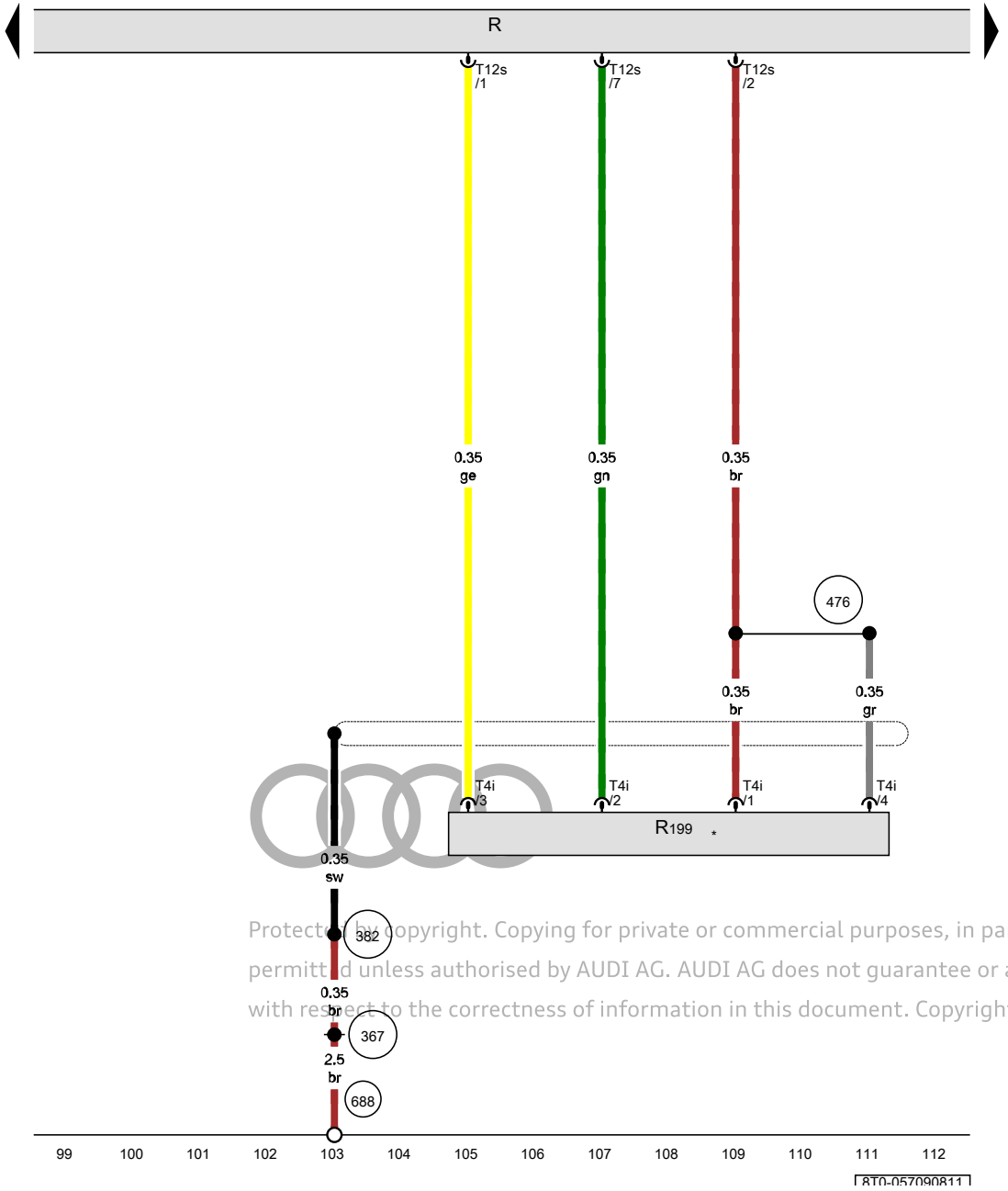
Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial

R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
*	According to equipment
*2	Roof aerial



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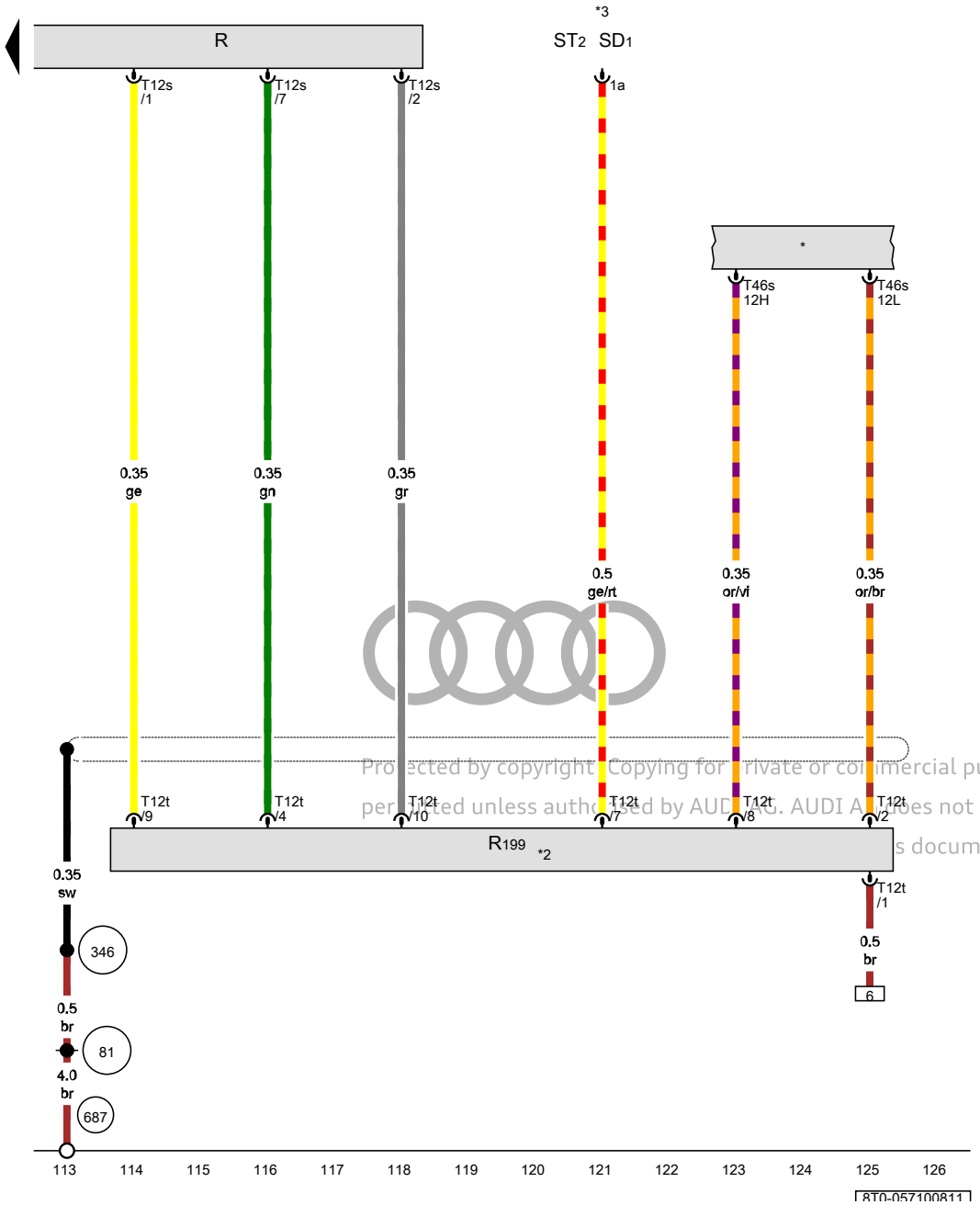


Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
476	Earth connection in audio wiring harness
688	Earth point 2, on centre tunnel
*	Only models with connection for external audio sources - AUX-IN socket

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Radio

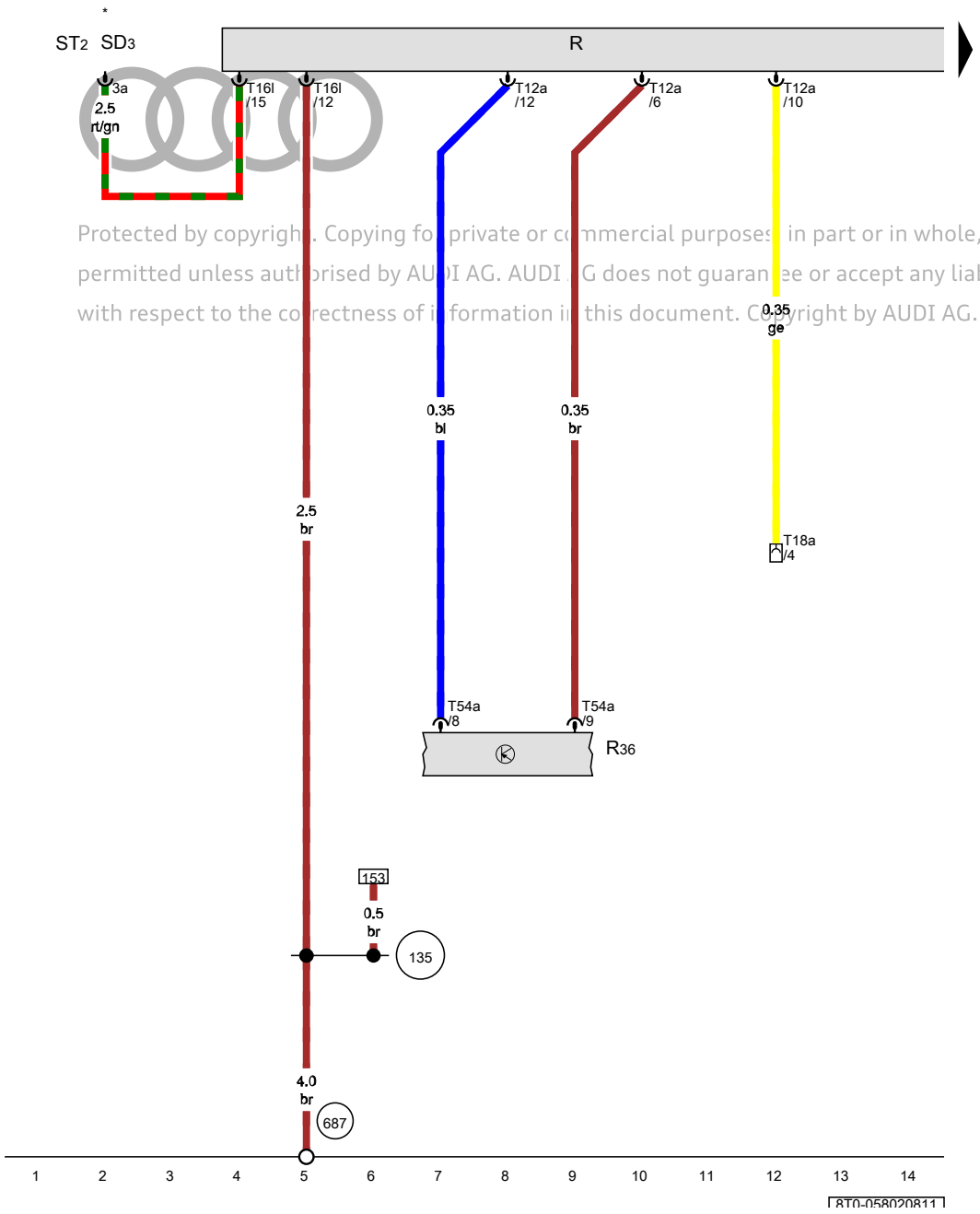
R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment

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Radio with Bang & Olufsen sound system

From June 2007

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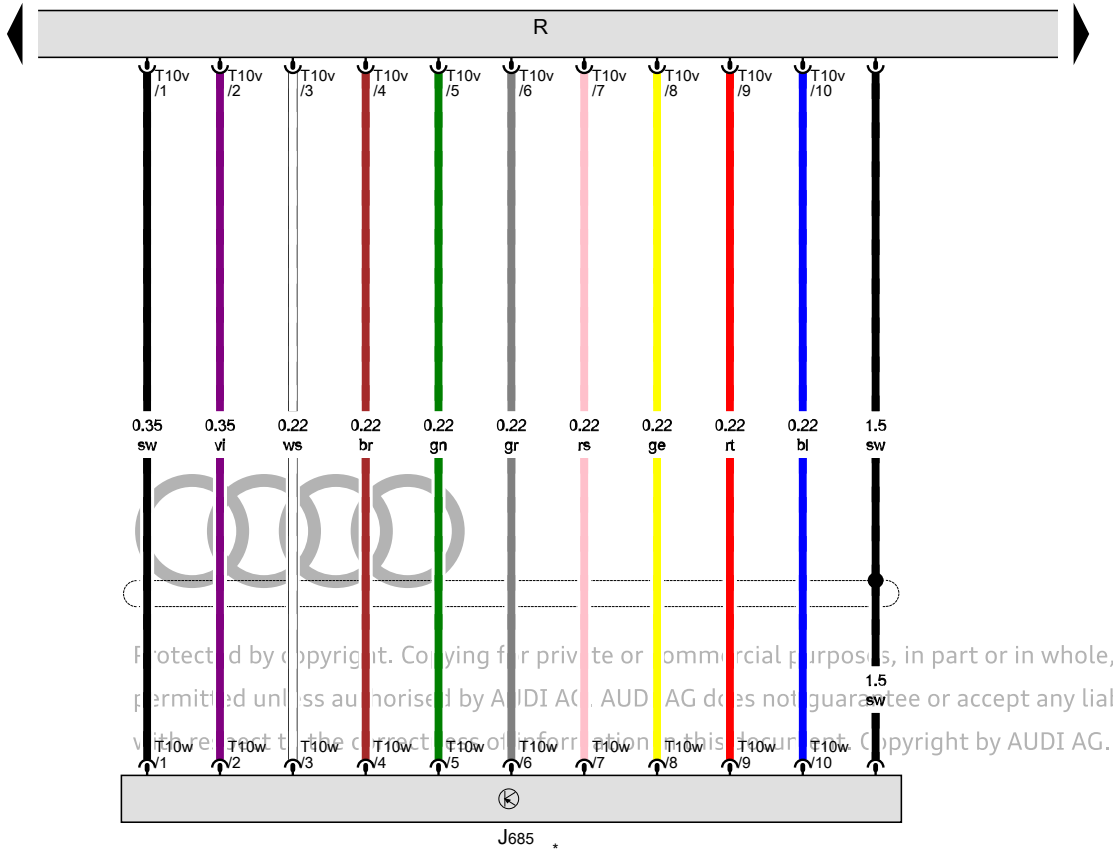
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gn = green
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gr = grey
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or = orange
rs = pink

Radio, Telephone transmitter and receiver unit

R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T18a	18-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

Display unit for front information display and operating unit control unit, Radio

J685	Display unit for front information display and operating unit control unit
R	Radio
T10v	10-pin connector
T10w	10-pin connector
*	Optional equipment



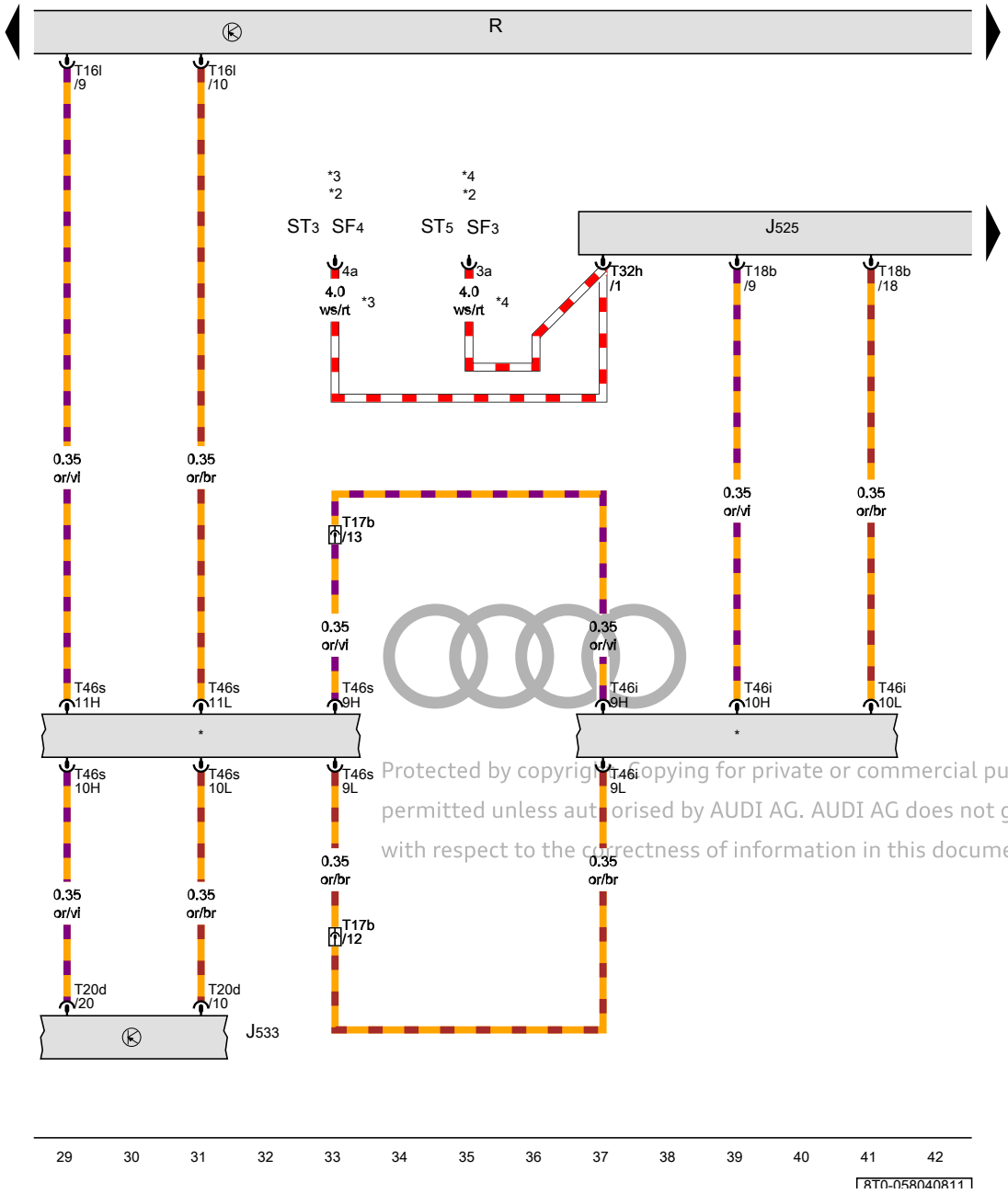
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sw	=	black
ro	=	red
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gn	=	green
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or	=	orange
rs	=	pink

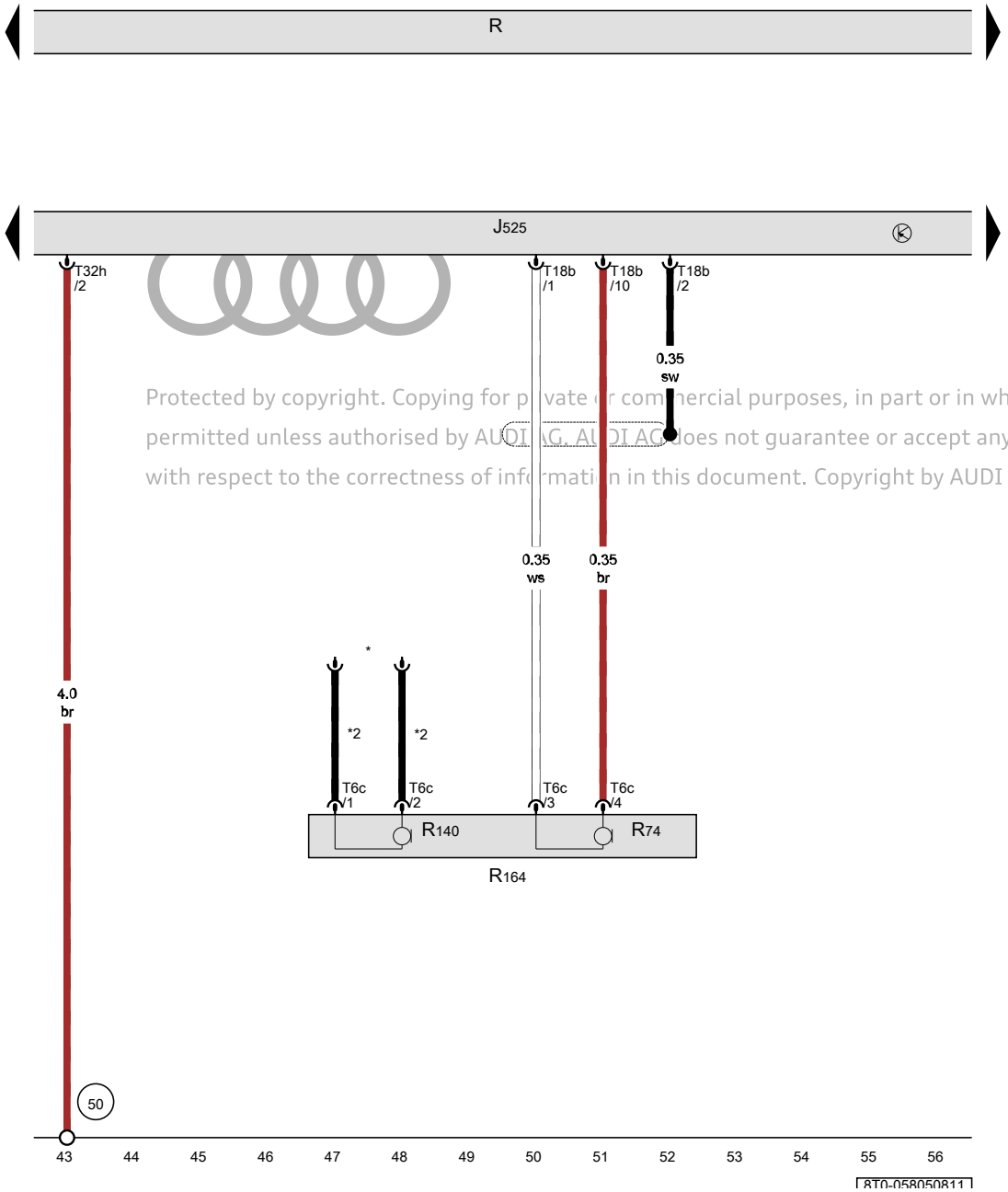
Digital sound package control unit, Data bus diagnostic interface, Radio



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J525	Digital sound package control unit
J533	Data bus diagnostic interface
R	Radio
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T16l	16-pin connector
T17b	17-pin connector, blue
T18b	18-pin connector
T20d	20-pin connector
T32h	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009

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

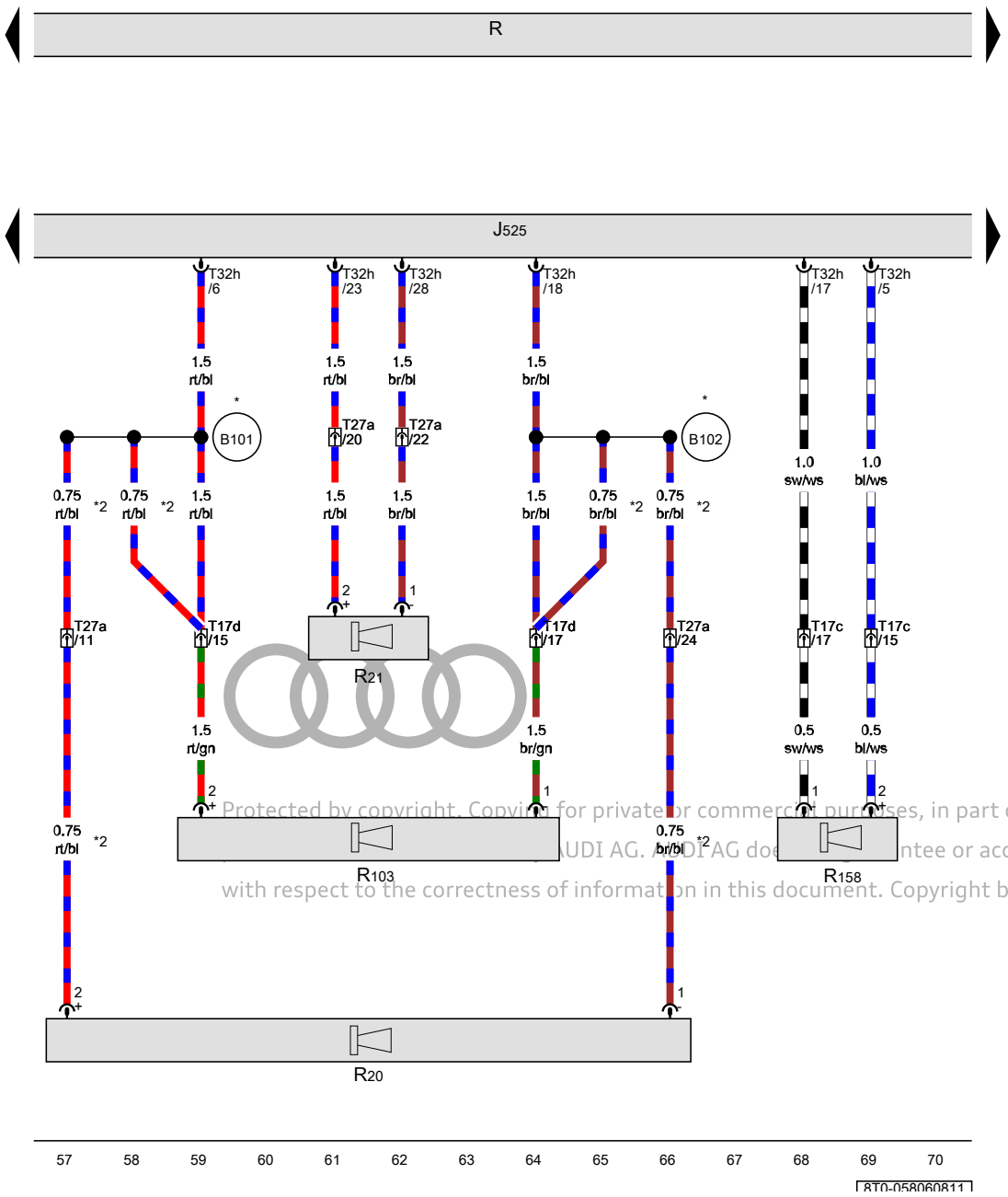


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Digital sound package control unit, Radio, Microphone unit in front roof module

J525	Digital sound package control unit
R	Radio
R74	Internal microphone
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T18b	18-pin connector
T32h	32-pin connector
50	Earth point, on left in luggage compartment
*	Only models with mobile telephone/telephone
*2	see applicable current flow diagram for telephone systems

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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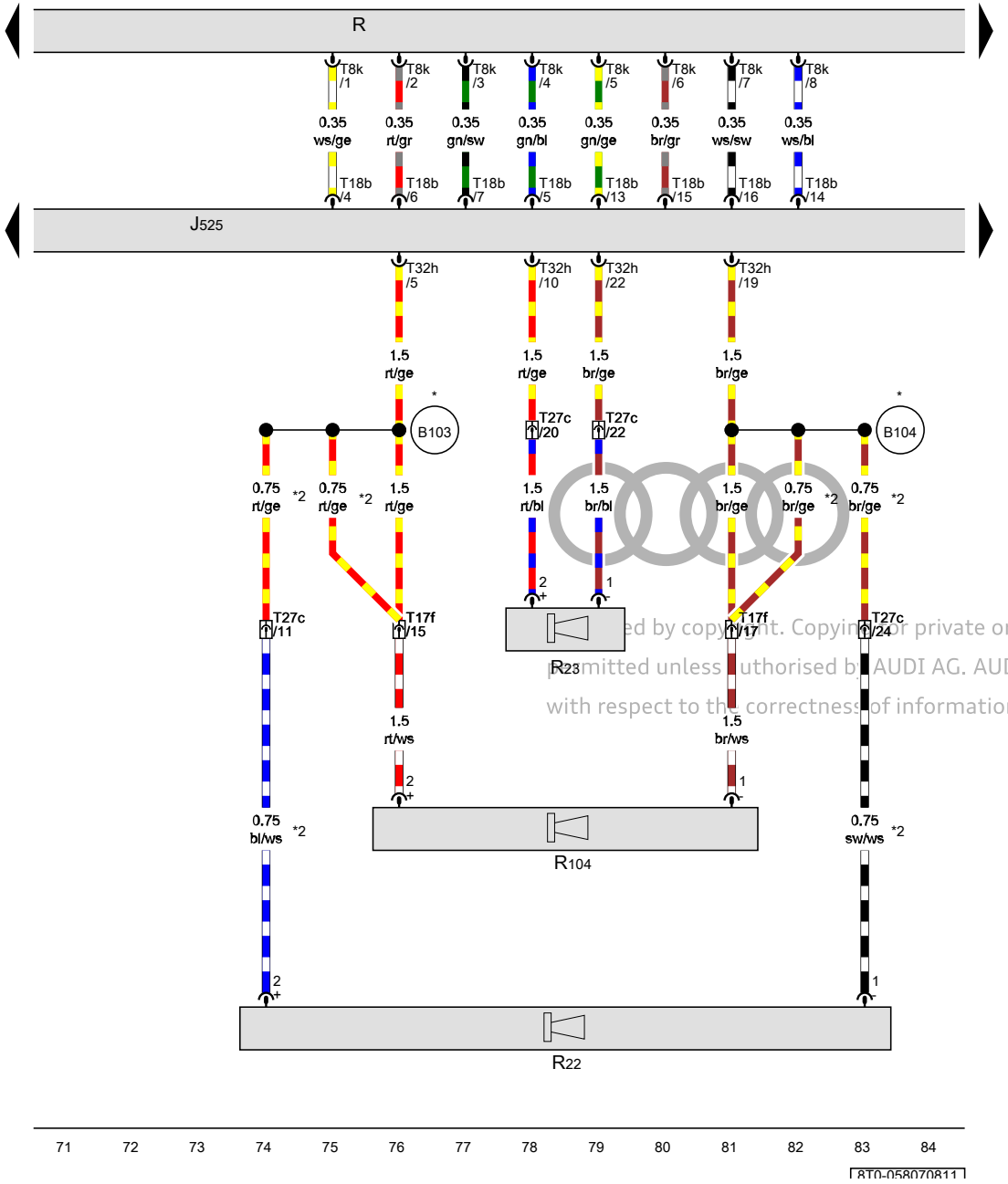
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Digital sound package control unit, Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector
T17d	17-pin connector
T27a	27-pin connector
T32h	32-pin connector
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
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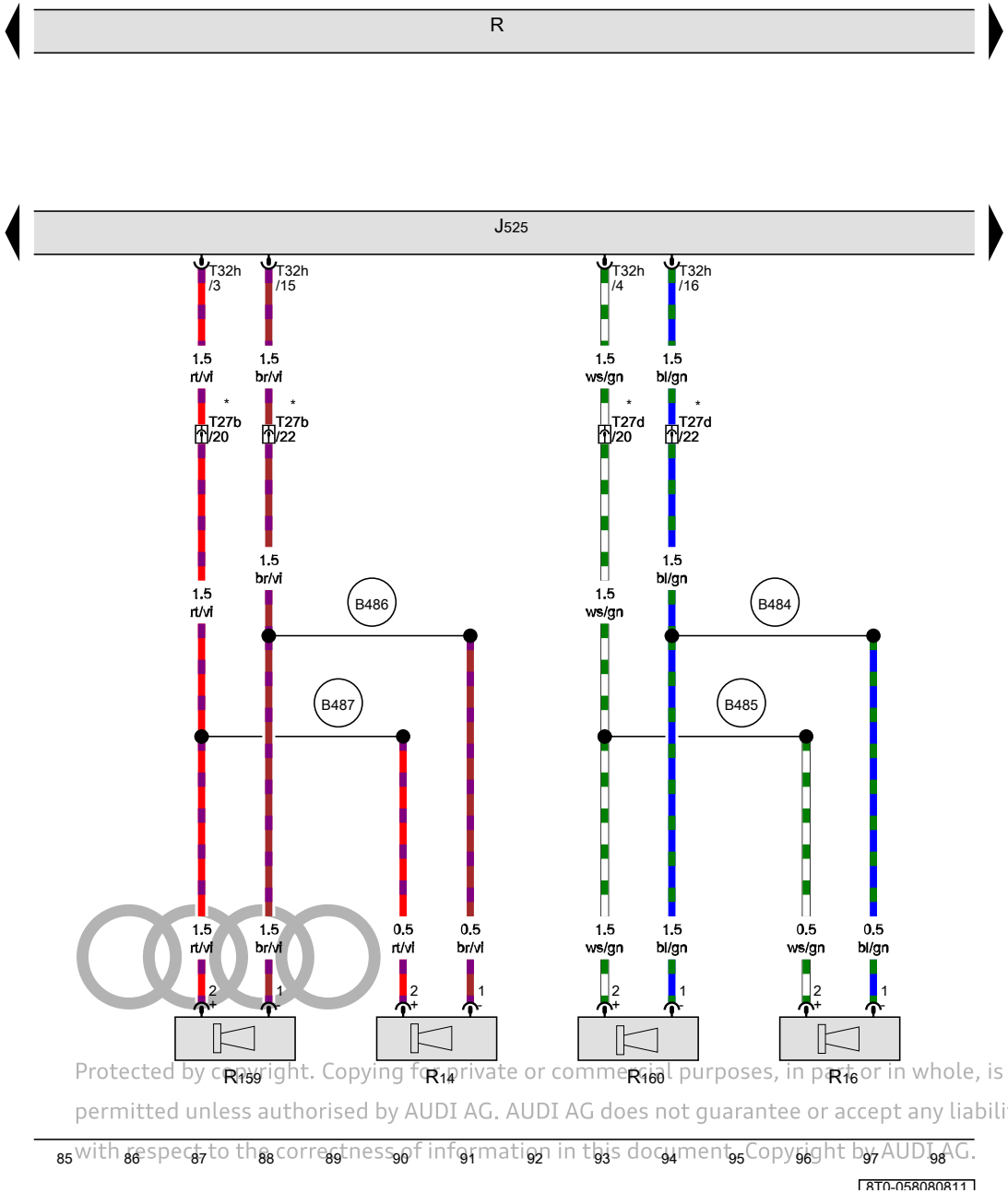
Digital sound package control unit, Radio, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker



J525	Digital sound package control unit
R	Radio
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
T8k	8-pin connector
T17f	17-pin connector
T18b	18-pin connector
T27c	27-pin connector
T32h	32-pin connector
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

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

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Digital sound package control unit, Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

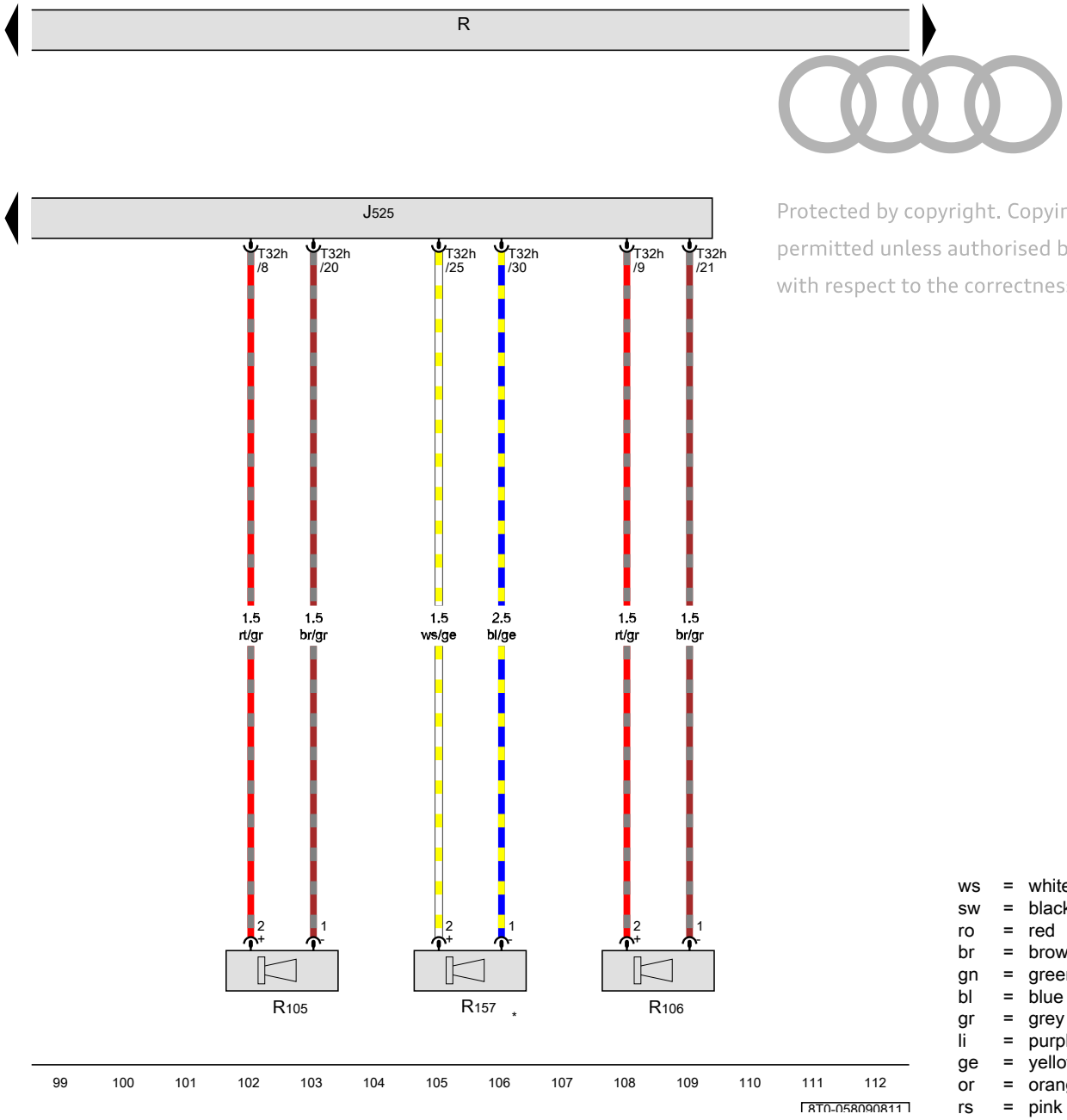
J525	Digital sound package control unit
R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T27b	27-pin connector
T27d	27-pin connector
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors

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

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Digital sound package control unit, Radio, Rear left mid-range loudspeaker, Subwoofer in rear shelf

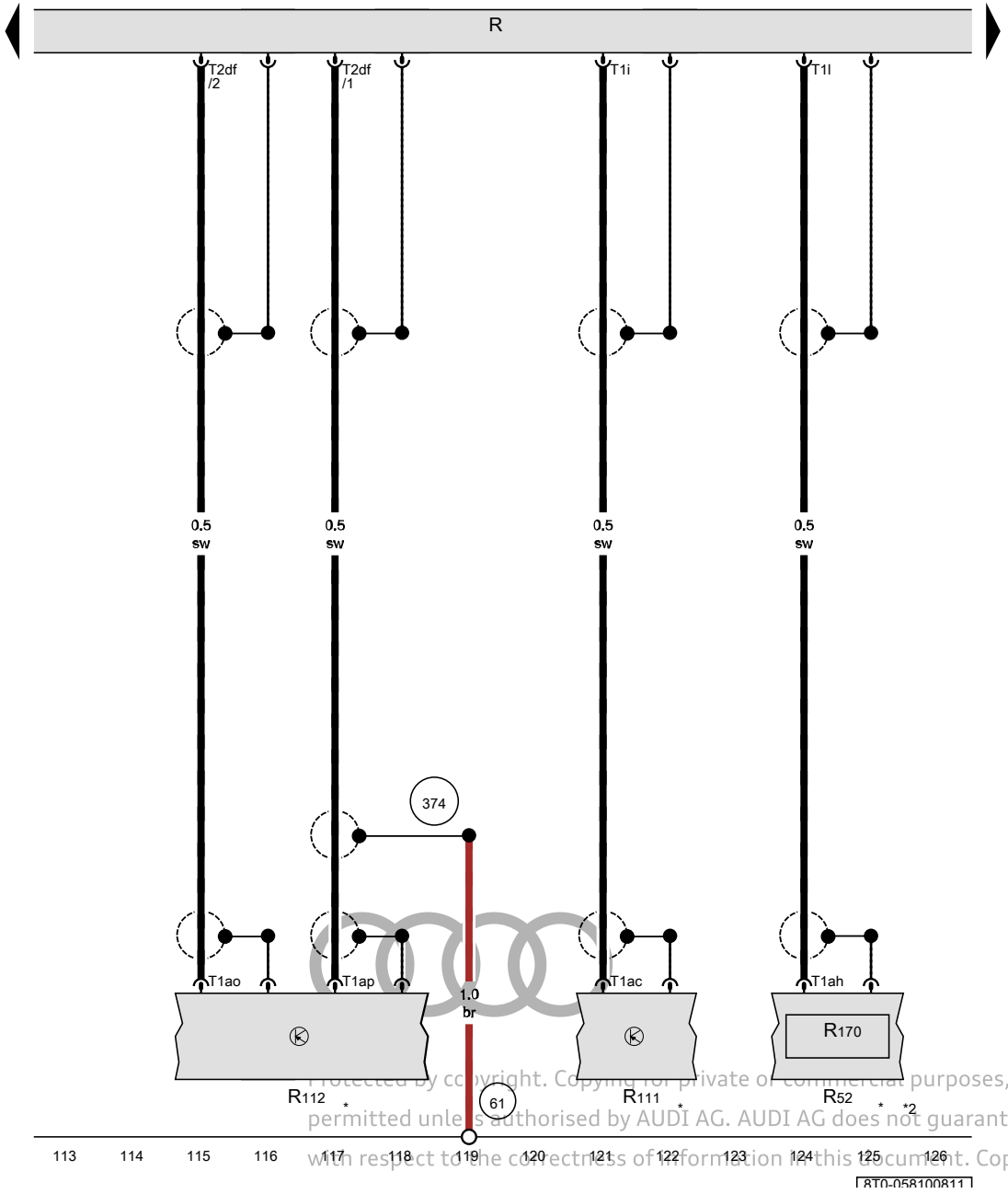
J525	Digital sound package control unit
R	Radio
R105	Rear left mid-range loudspeaker
R106	Rear right mid-range loudspeaker
R157	Subwoofer in rear shelf
T32h	32-pin connector
*	According to equipment



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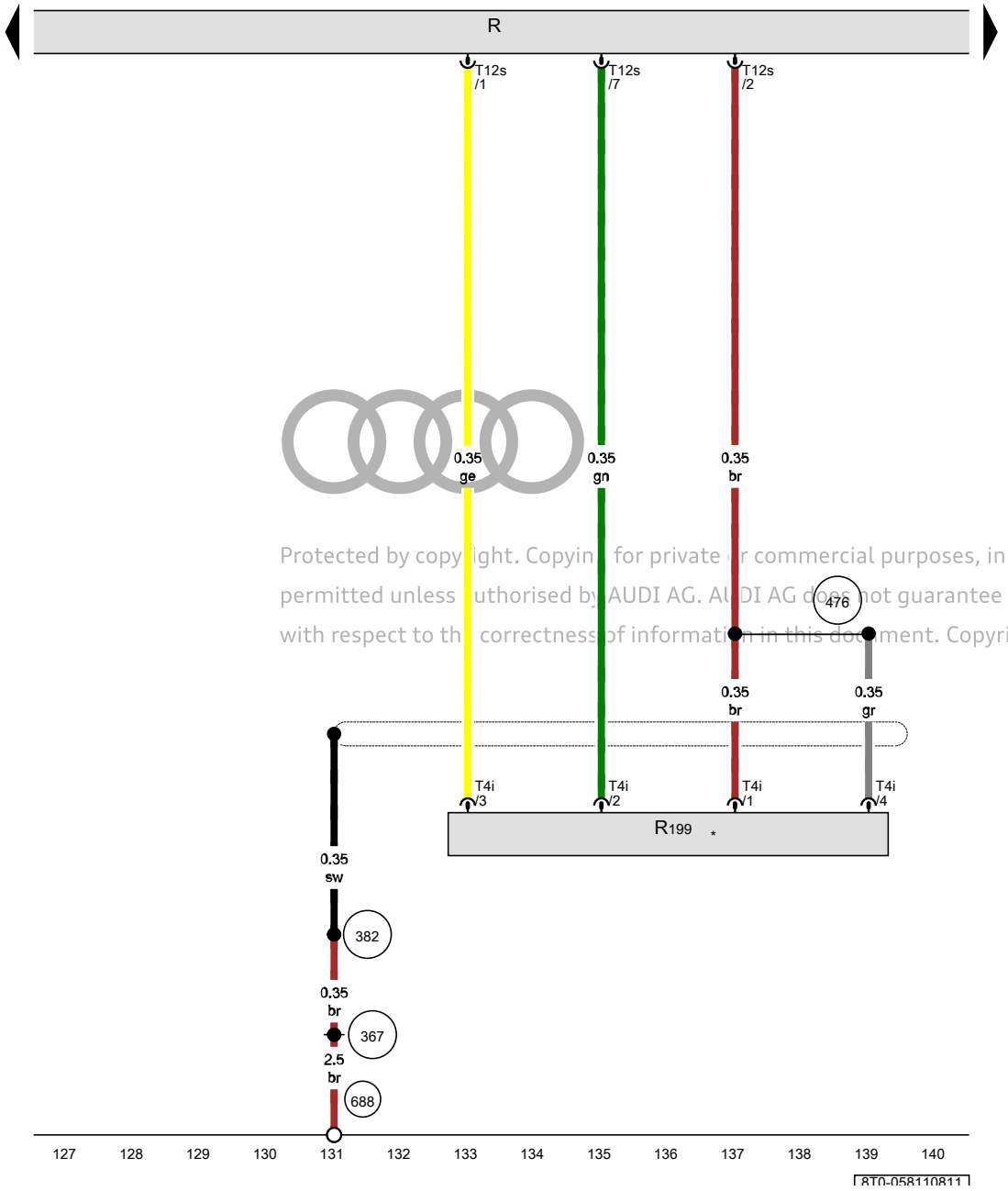
Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial



R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
*	According to equipment
*2	Roof aerial

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

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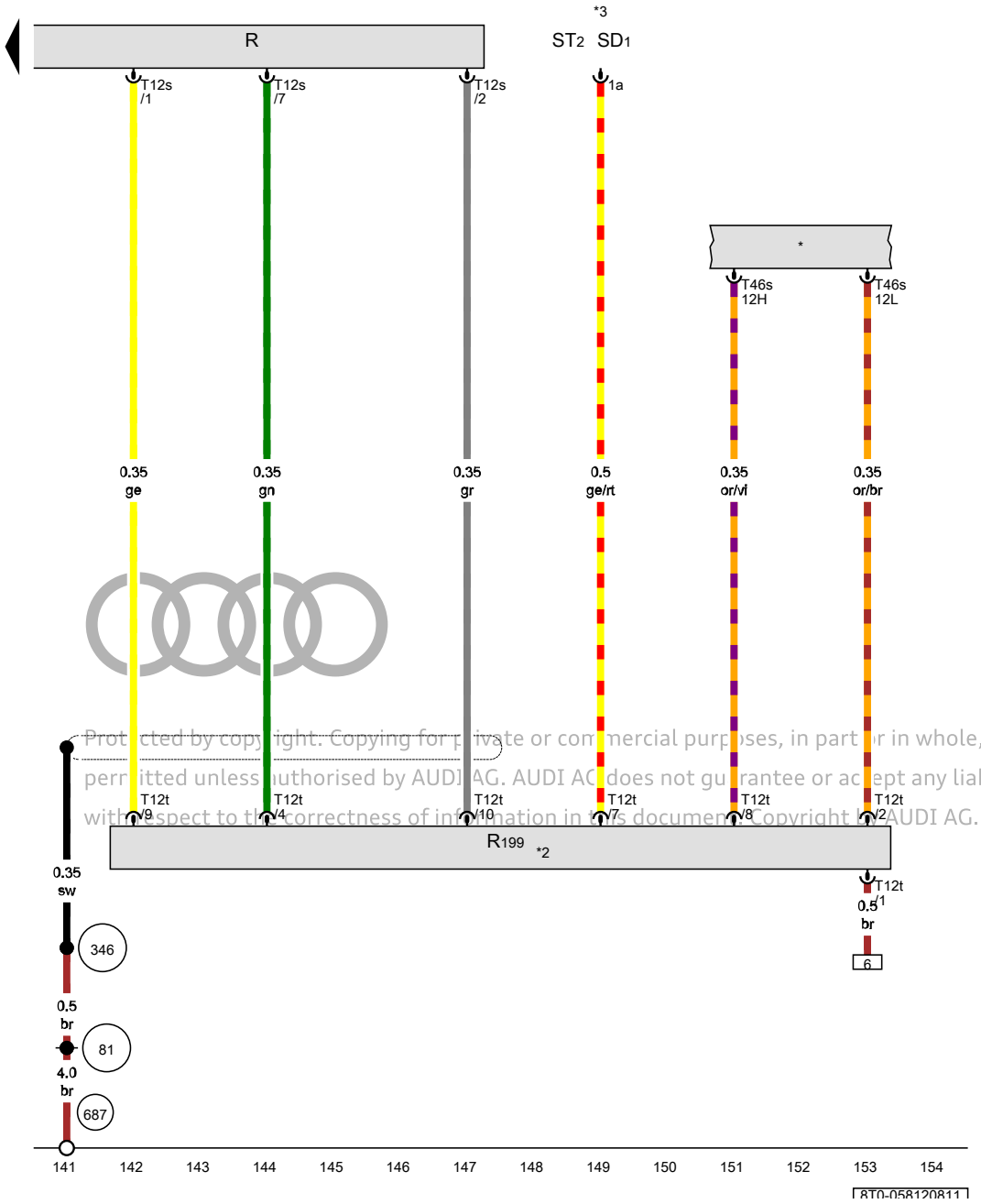


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Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
476	Earth connection in audio wiring harness
688	Earth point 2, on centre tunnel
*	Only models with connection for external audio sources - AUX-IN socket

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



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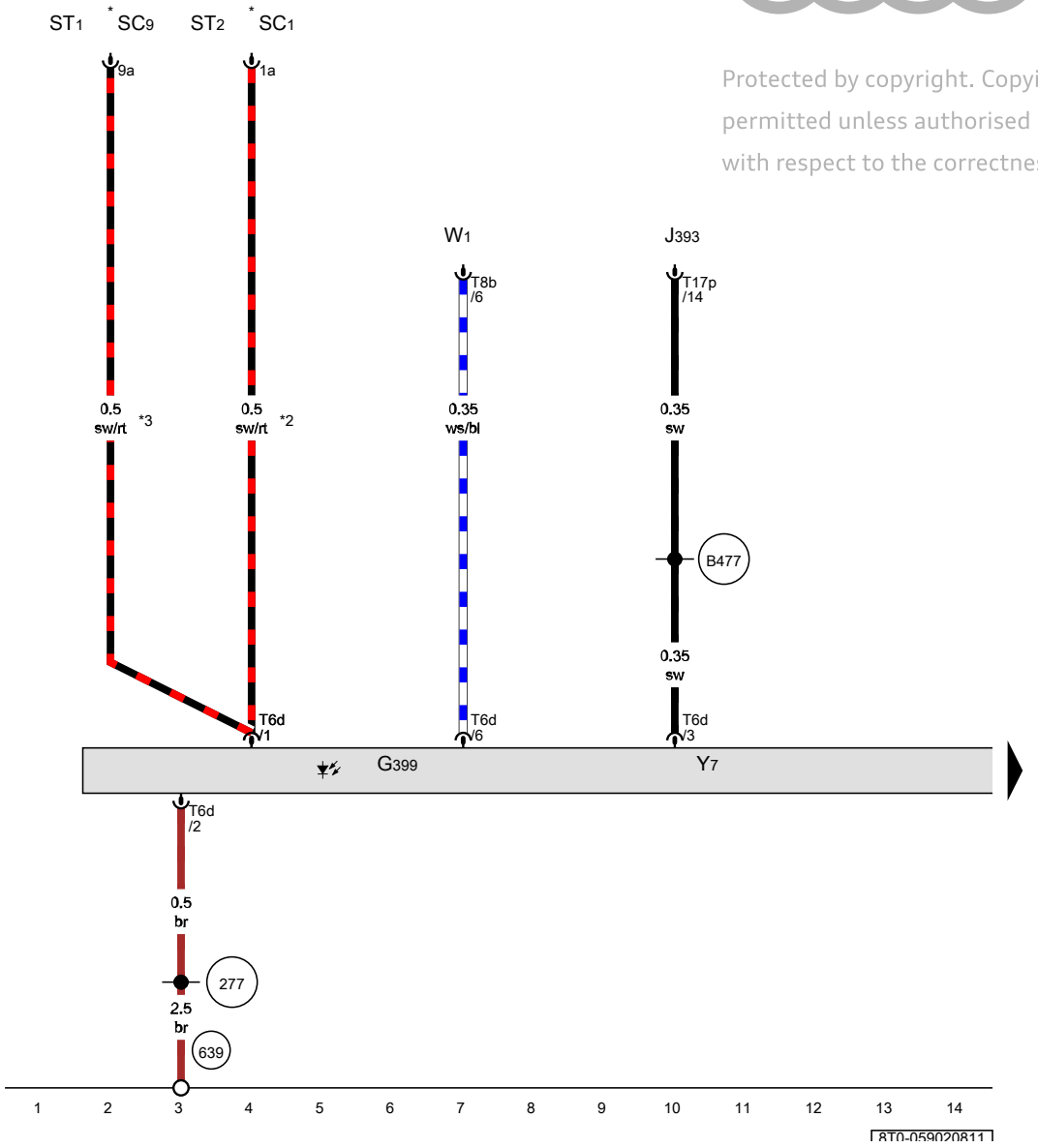
Radio

R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment

Interior mirror with no humidity sender and no main beam assist

From June 2007

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Automatic anti-dazzle interior mirror

G399	Light sensor
J393	Convenience system central control unit
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
T6d	6-pin connector
T8b	8-pin connector
T17p	17-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B477	Connection 13, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009

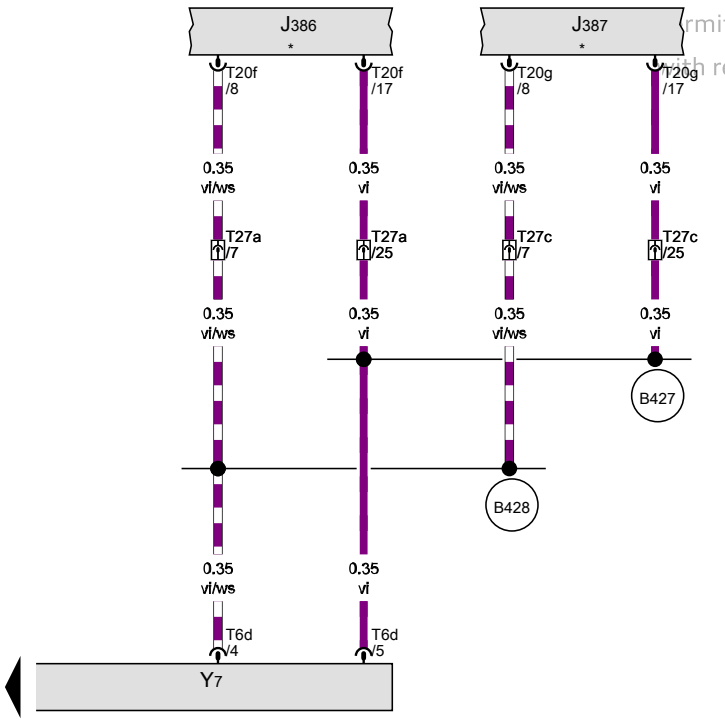
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ge	=	yellow
or	=	orange
rs	=	pink

Driver door control unit, Front passenger door control unit, Automatic anti-dazzle interior mirror

J386	Driver door control unit
J387	Front passenger door control unit
T6d	6-pin connector
T20f	20-pin connector
T20g	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror

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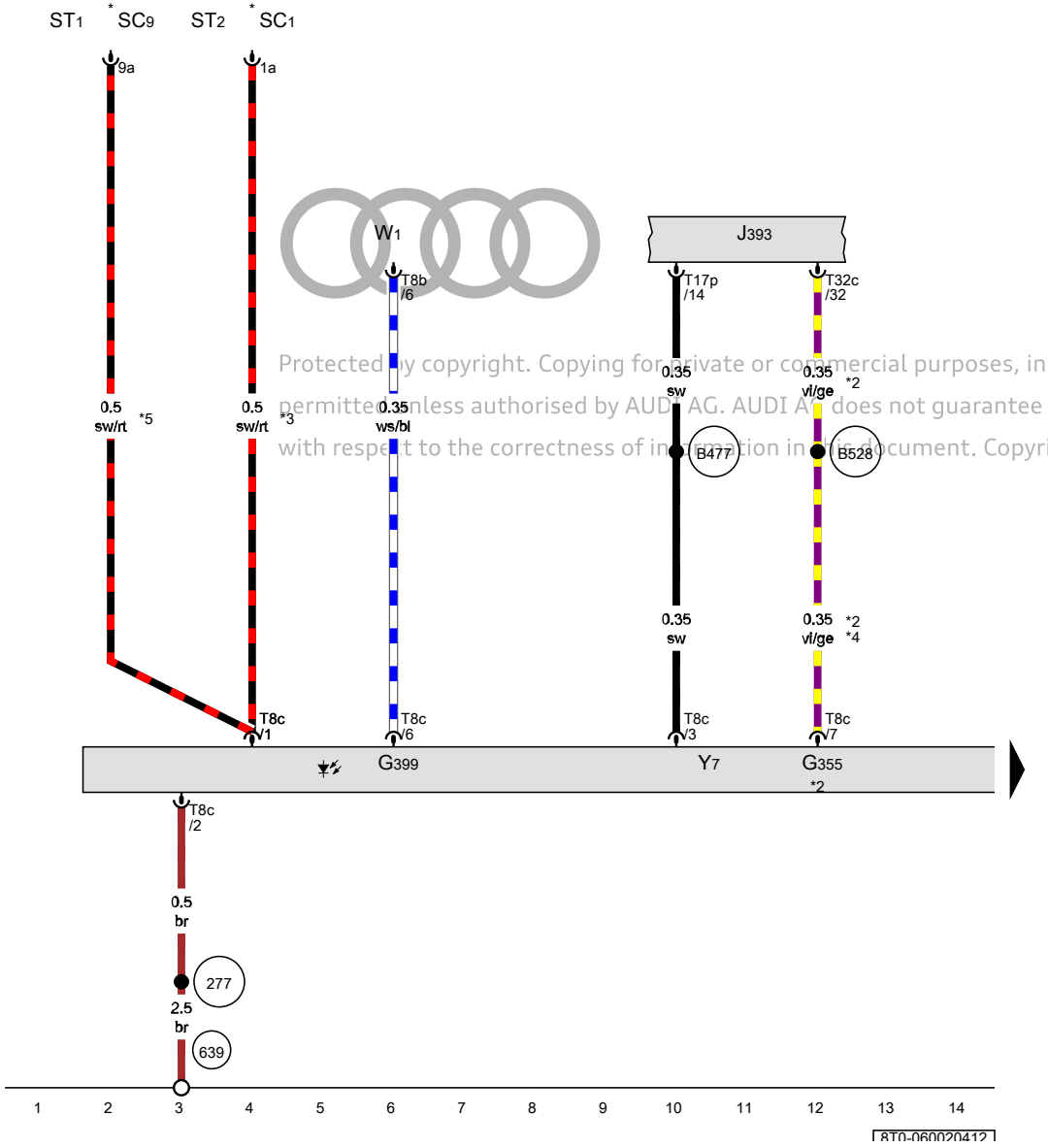
Interior mirror with humidity sender and no main beam assist

From June 2007

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Humidity sender, Automatic anti-dazzle interior mirror

G355	Humidity sender
G399	Light sensor
J393	Convenience system central control unit
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
T8b	8-pin connector
T8c	8-pin connector
T17p	17-pin connector
T32c	32-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B477	Connection 13, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with humidity sender
*3	From May 2009
*4	Gradually discontinued
*5	Up to April 2009

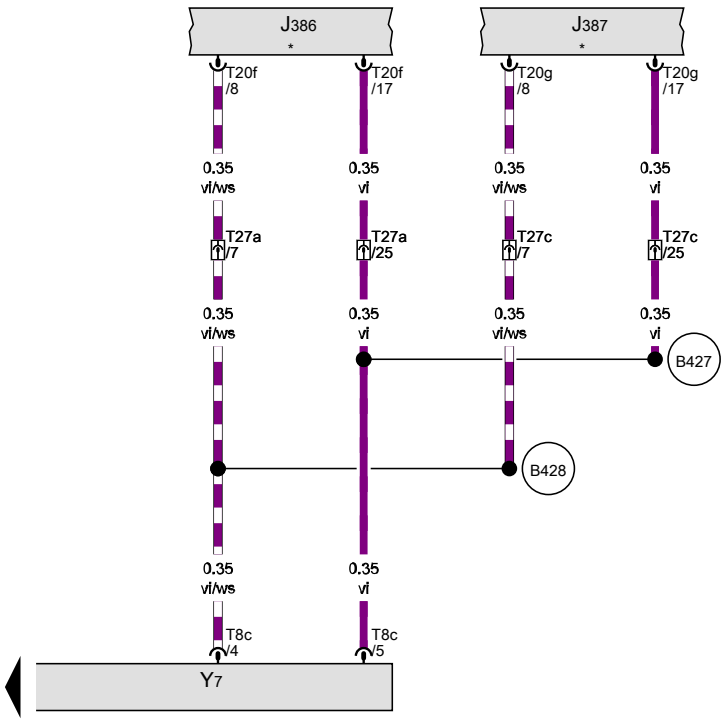


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or	=	orange
rs	=	pink

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Driver door control unit, Front passenger door control unit, Automatic anti-dazzle interior mirror

J386	Driver door control unit
J387	Front passenger door control unit
T8c	8-pin connector
T20f	20-pin connector
T20g	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror



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

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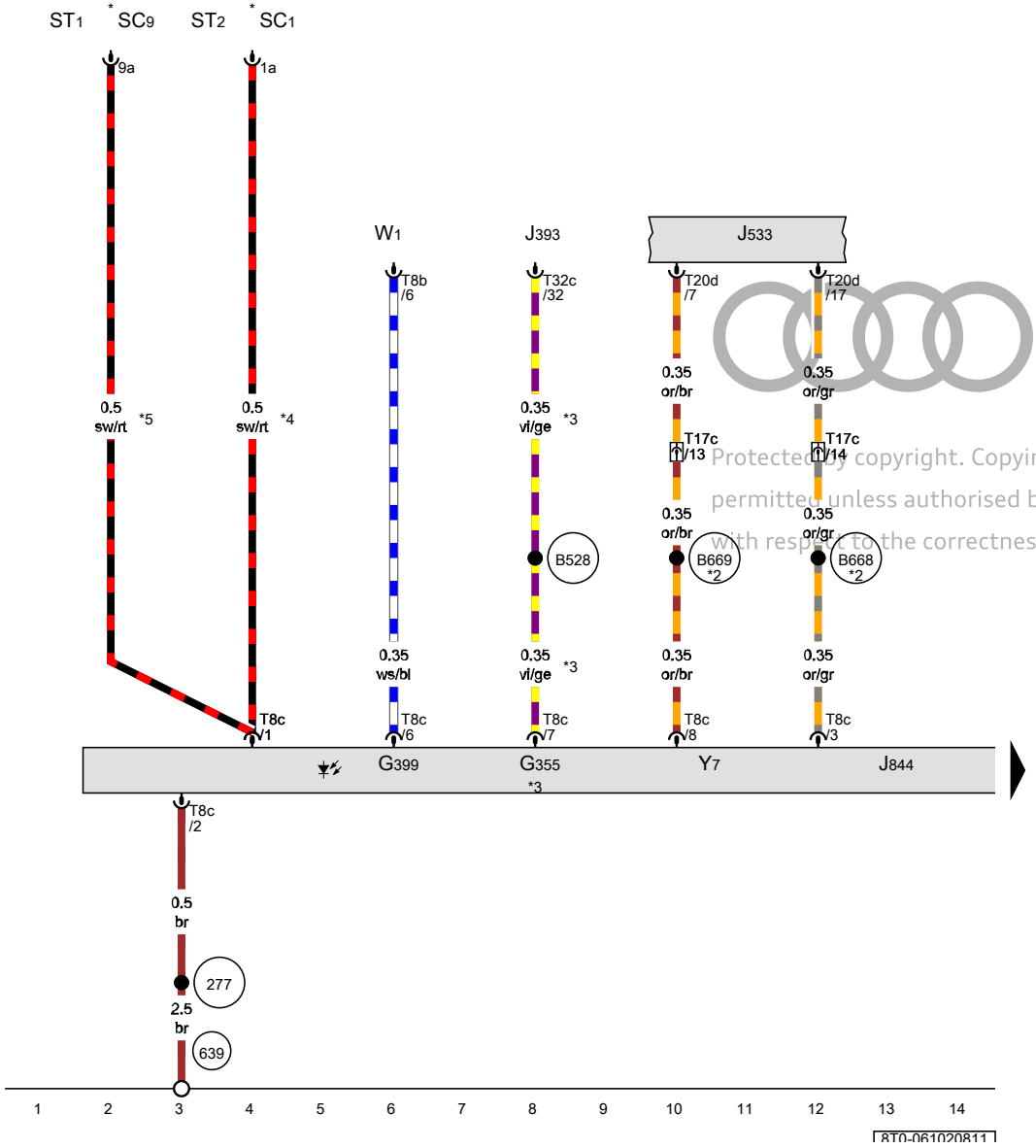
Interior mirror with humidity sender and main beam assist

From June 2007

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Humidity sender, Automatic anti-dazzle interior mirror

G355	Humidity sender
G399	Light sensor
J393	Convenience system central control unit
J533	Data bus diagnostic interface
J844	Main beam assist control unit
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
T8b	8-pin connector
T8c	8-pin connector
T17c	17-pin connector, black
T20d	20-pin connector
T32c	32-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B528	Connection 1 (LIN bus) in main wiring harness
B668	Connection 2 (CAN bus extended high), in main wiring harness
B669	Connection 2 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with lane departure warning assist
*3	Only models with humidity sender
*4	From May 2009
*5	Up to April 2009

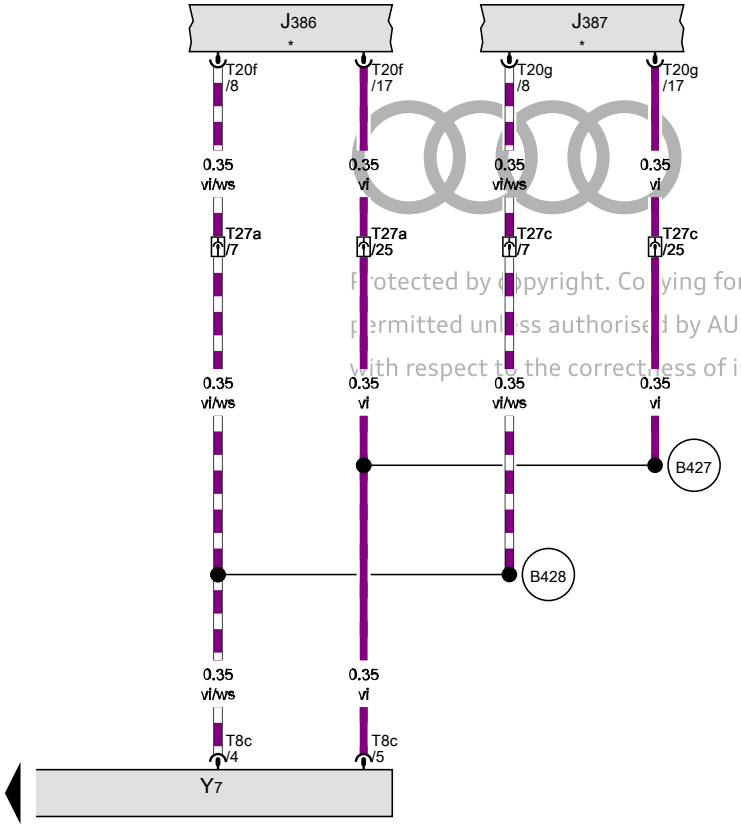


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Driver door control unit, Front passenger door control unit, Automatic anti-dazzle interior mirror

J386	Driver door control unit
J387	Front passenger door control unit
T8c	8-pin connector
T20f	20-pin connector
T20g	20-pin connector
T20m	20-pin connector, lower part of A-pillar, front passenger side
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror



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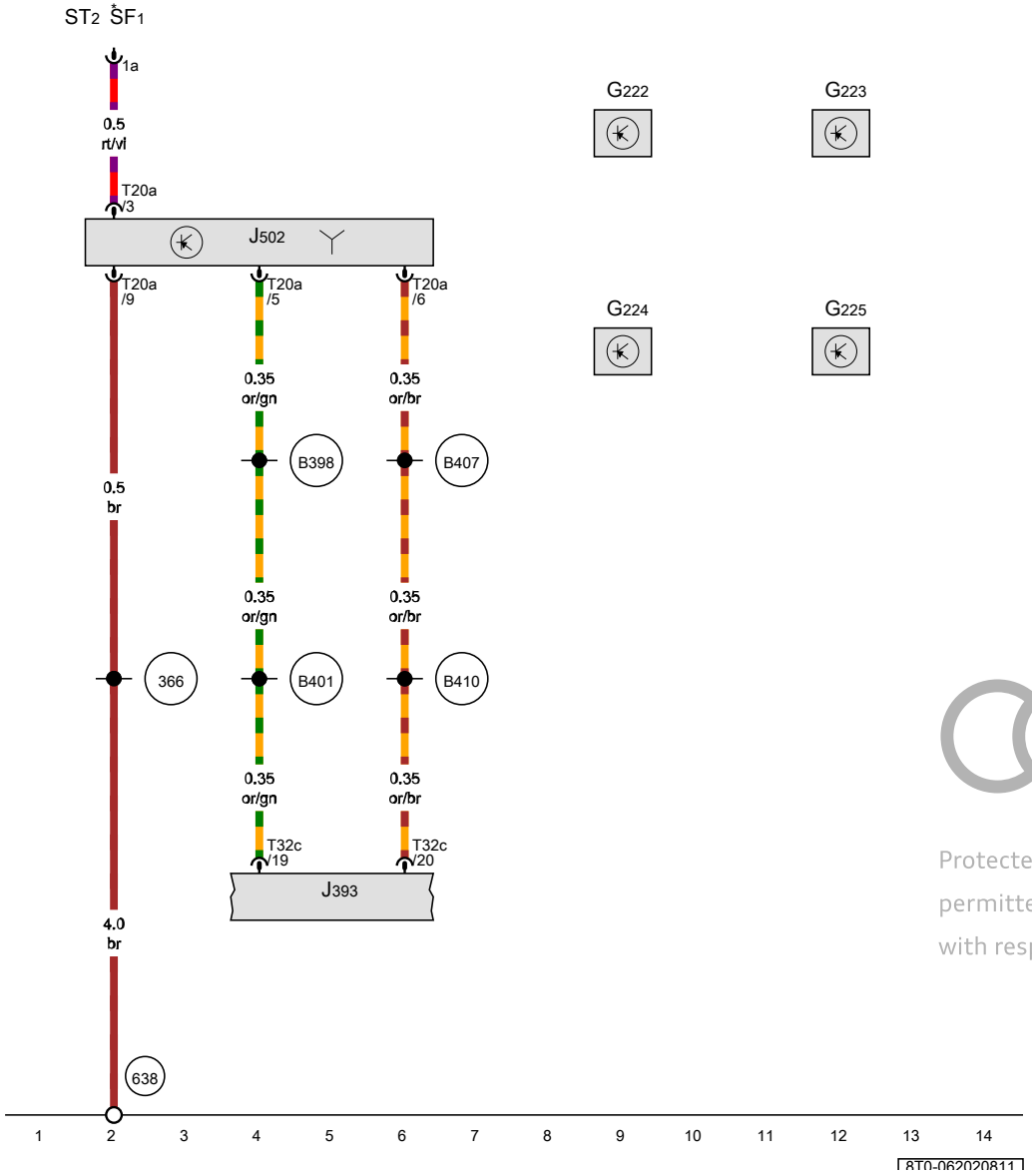
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Tyre pressure monitor

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Tyre pressure monitor control unit

G222	Front left tyre pressure sensor
G223	Front right tyre pressure sensor
G224	Rear left tyre pressure sensor
G225	Rear right tyre pressure sensor
J393	Convenience system central control unit
J502	Tyre pressure monitor control unit
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
T20a	20-pin connector
T32c	32-pin connector
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

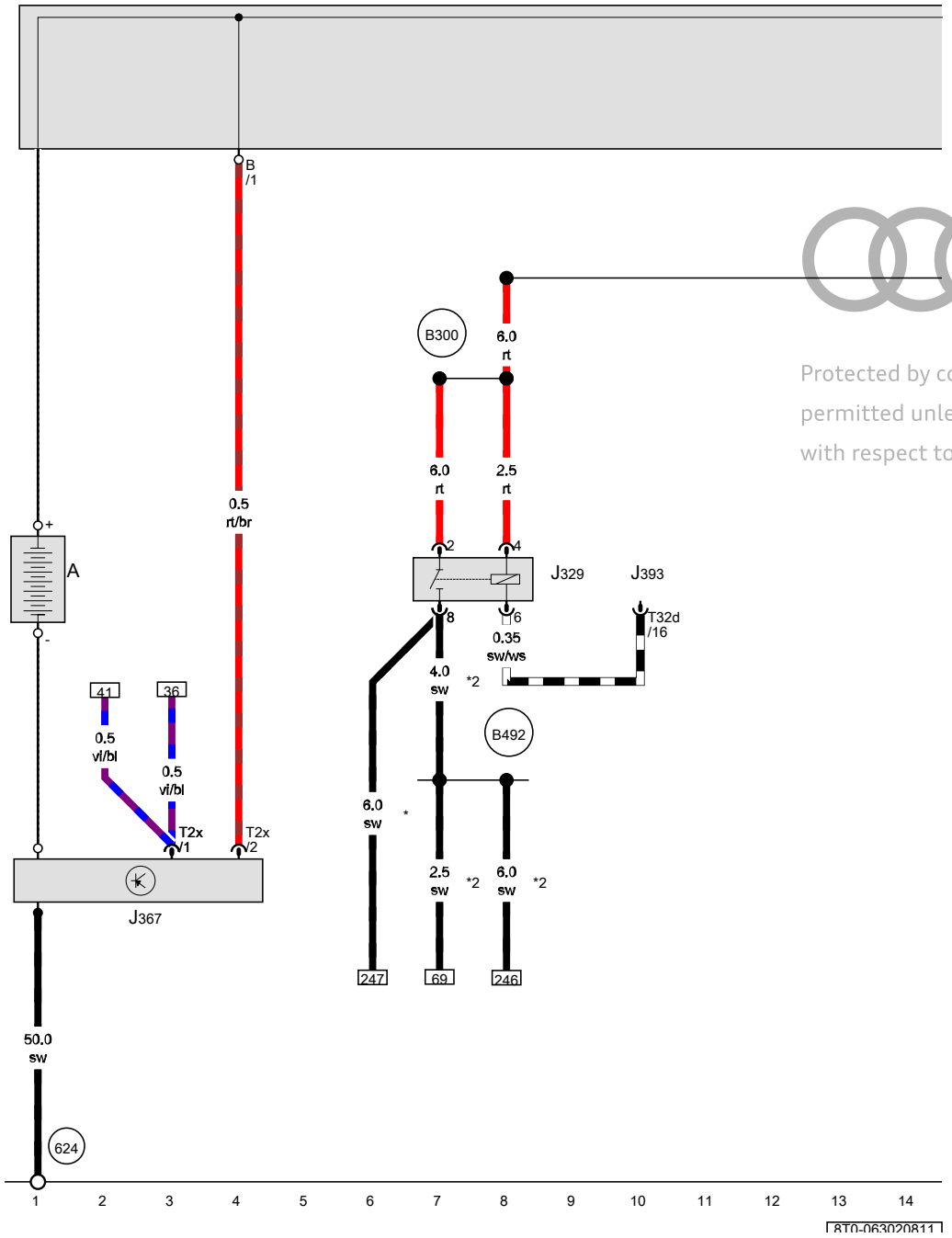
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or	=	orange
rs	=	pink

2.0l diesel engine , CAGA,CAGB,CAHA,CAHB,CMEA

From March 2008

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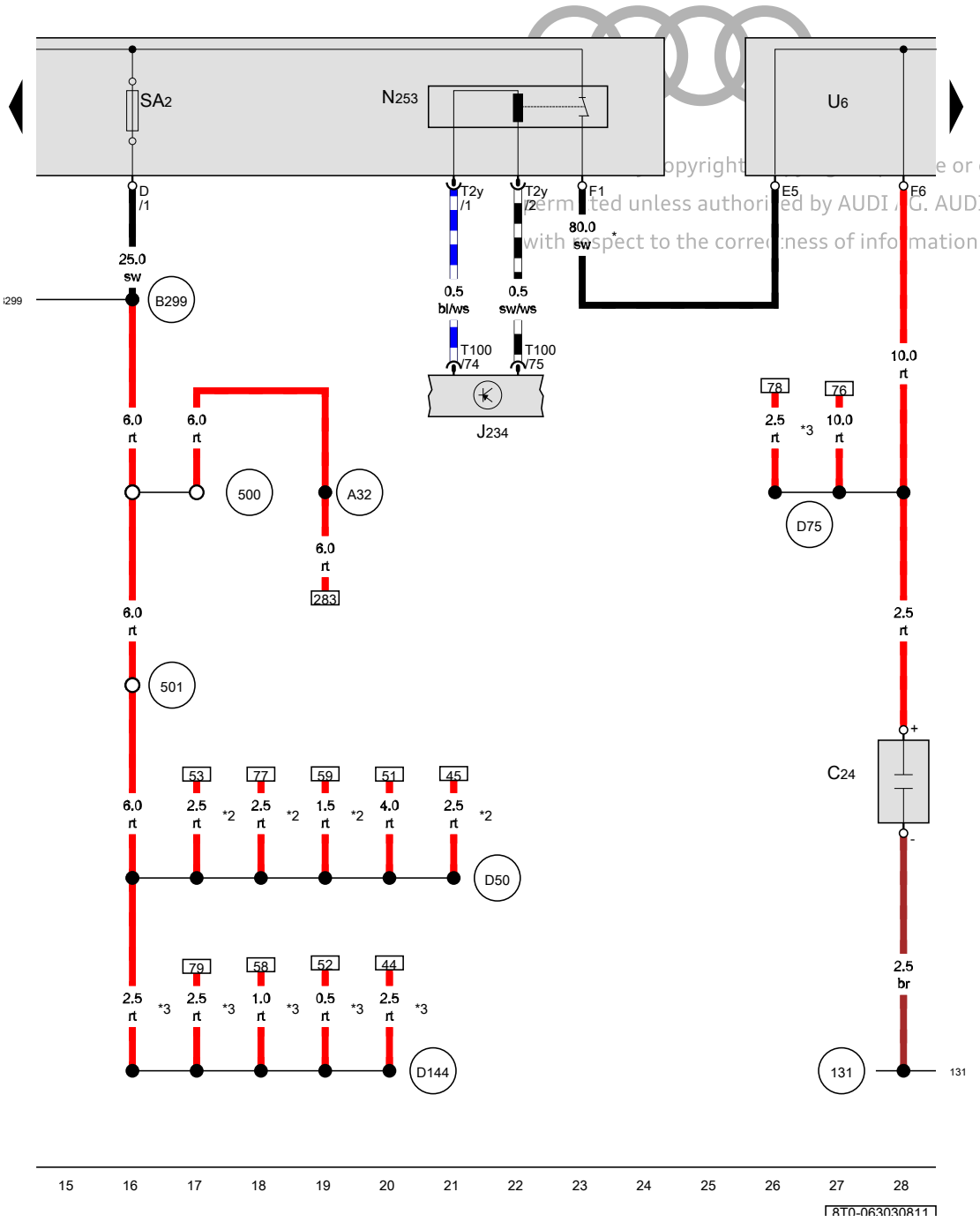


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	From May 2009
*2	Up to April 2009

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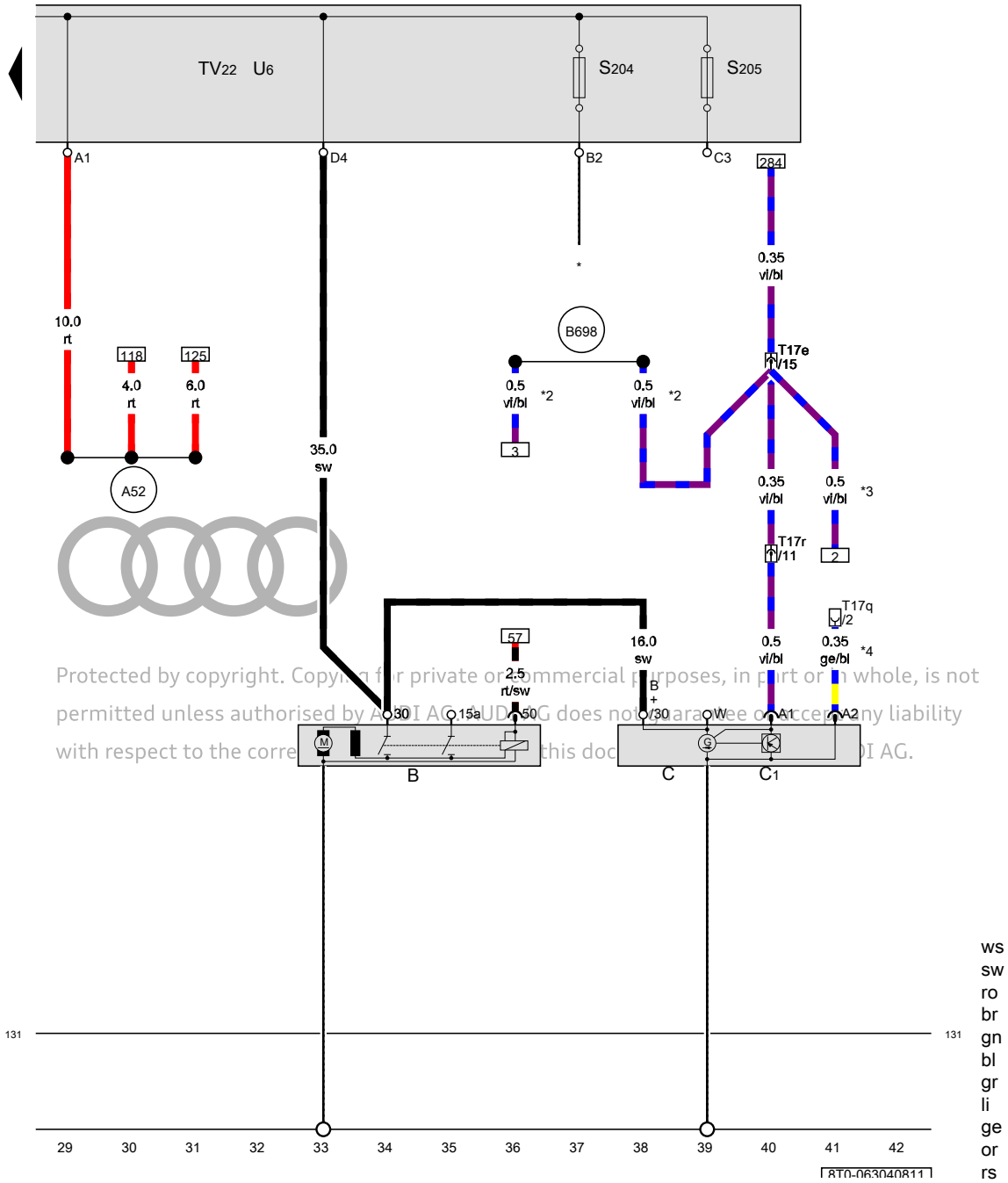


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Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
*	Cross section depends on equipment
*2	gradual introduction
*3	Gradually discontinued

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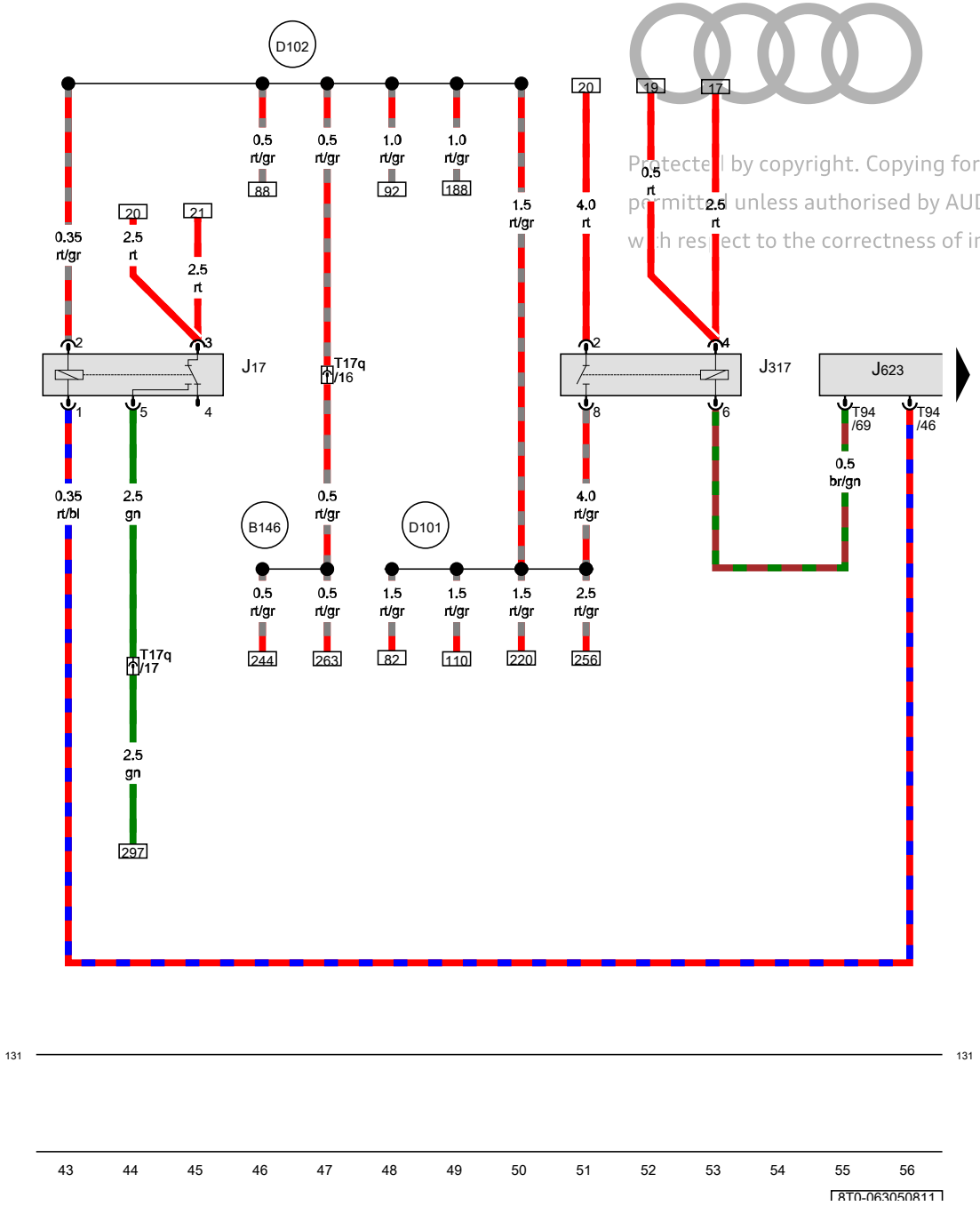


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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T17e	17-pin connector, red
T17q	17-pin connector
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	From May 2009
*3	Up to April 2009
*4	Gradually discontinued

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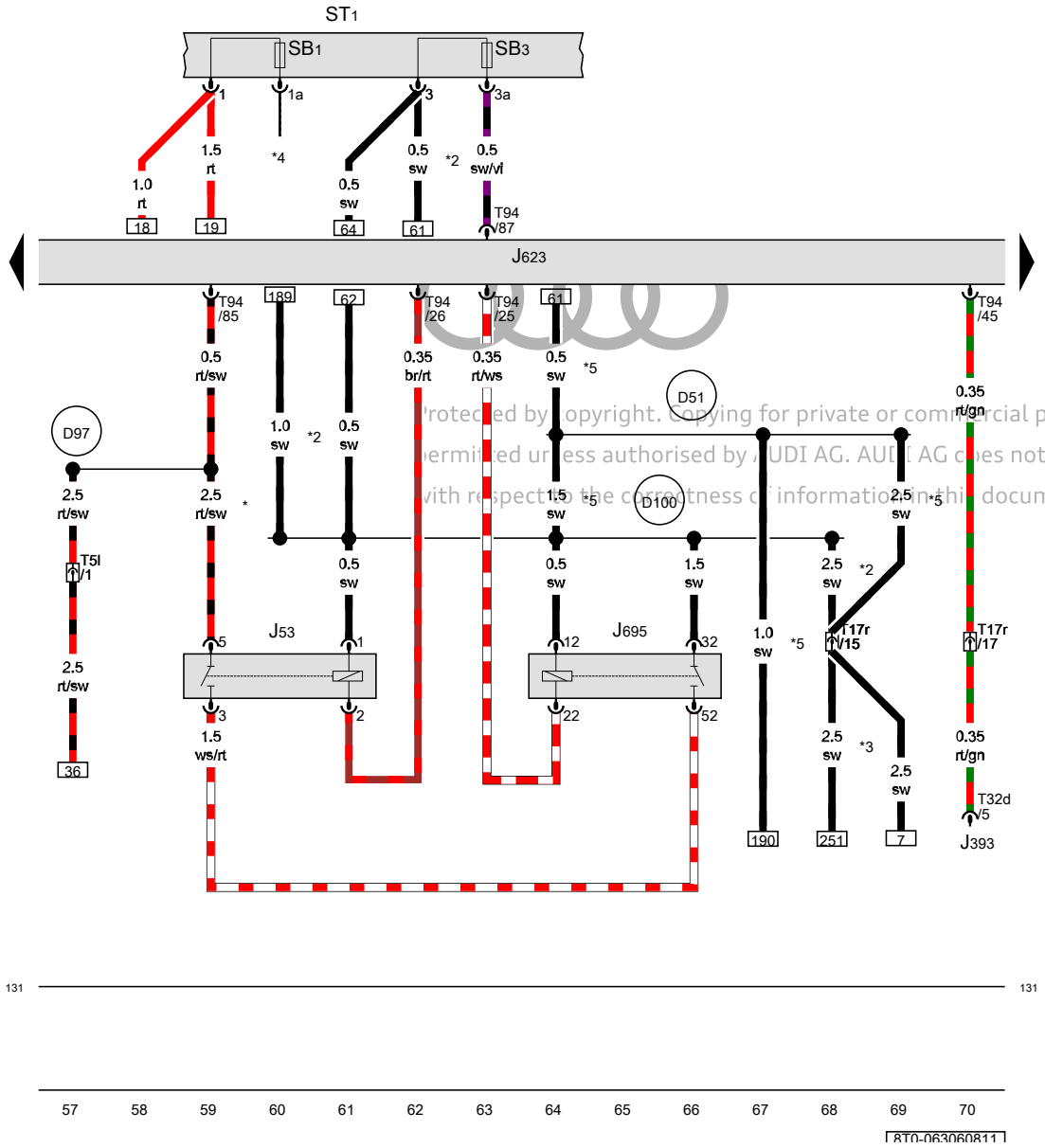


Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness

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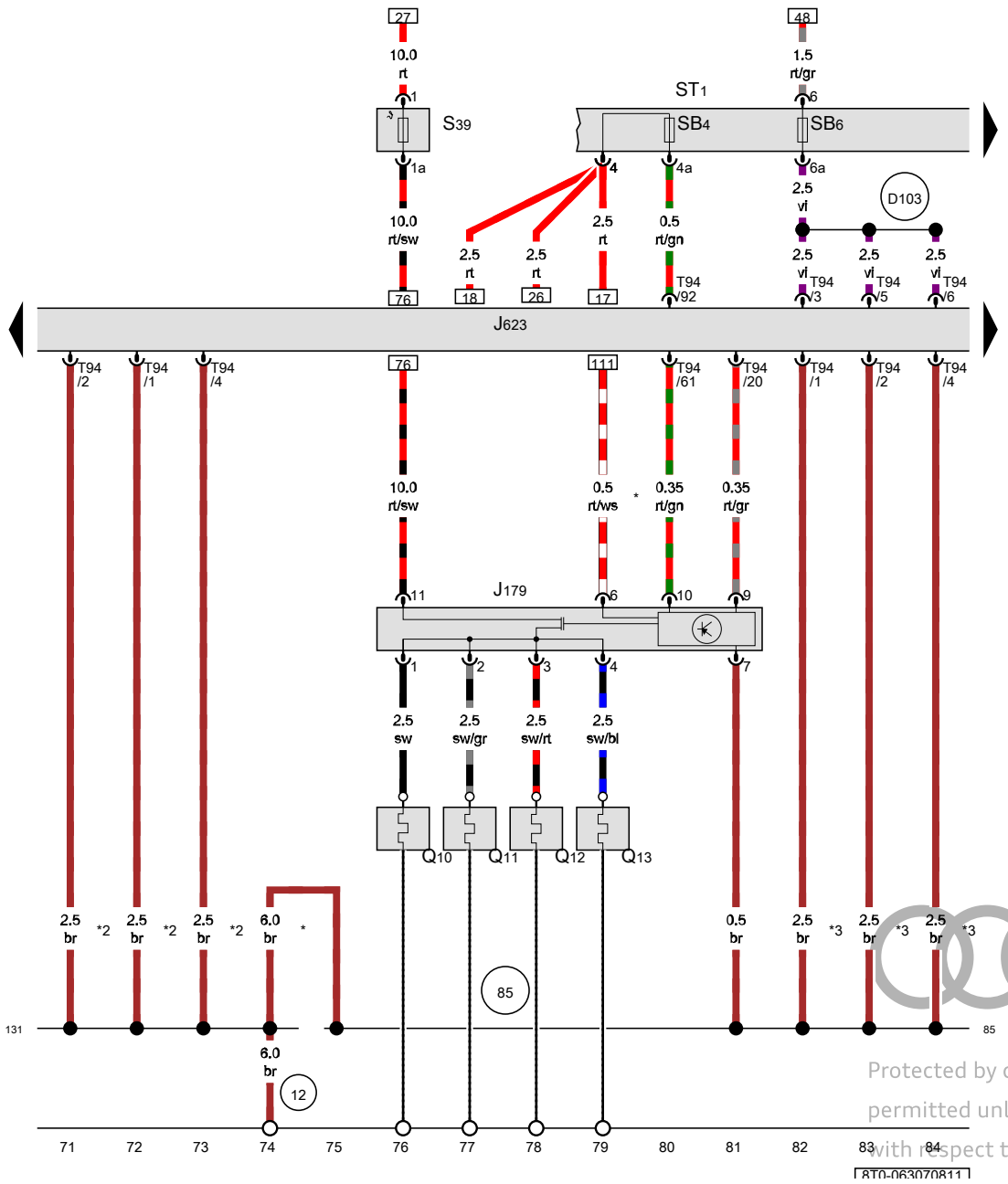


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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D100	Positive connection 2 (15), in engine compartment wiring harness
*	Cross section depends on equipment
*2	gradual introduction
*3	From May 2009
*4	see applicable current flow diagram for automatic gearbox
*5	Gradually discontinued

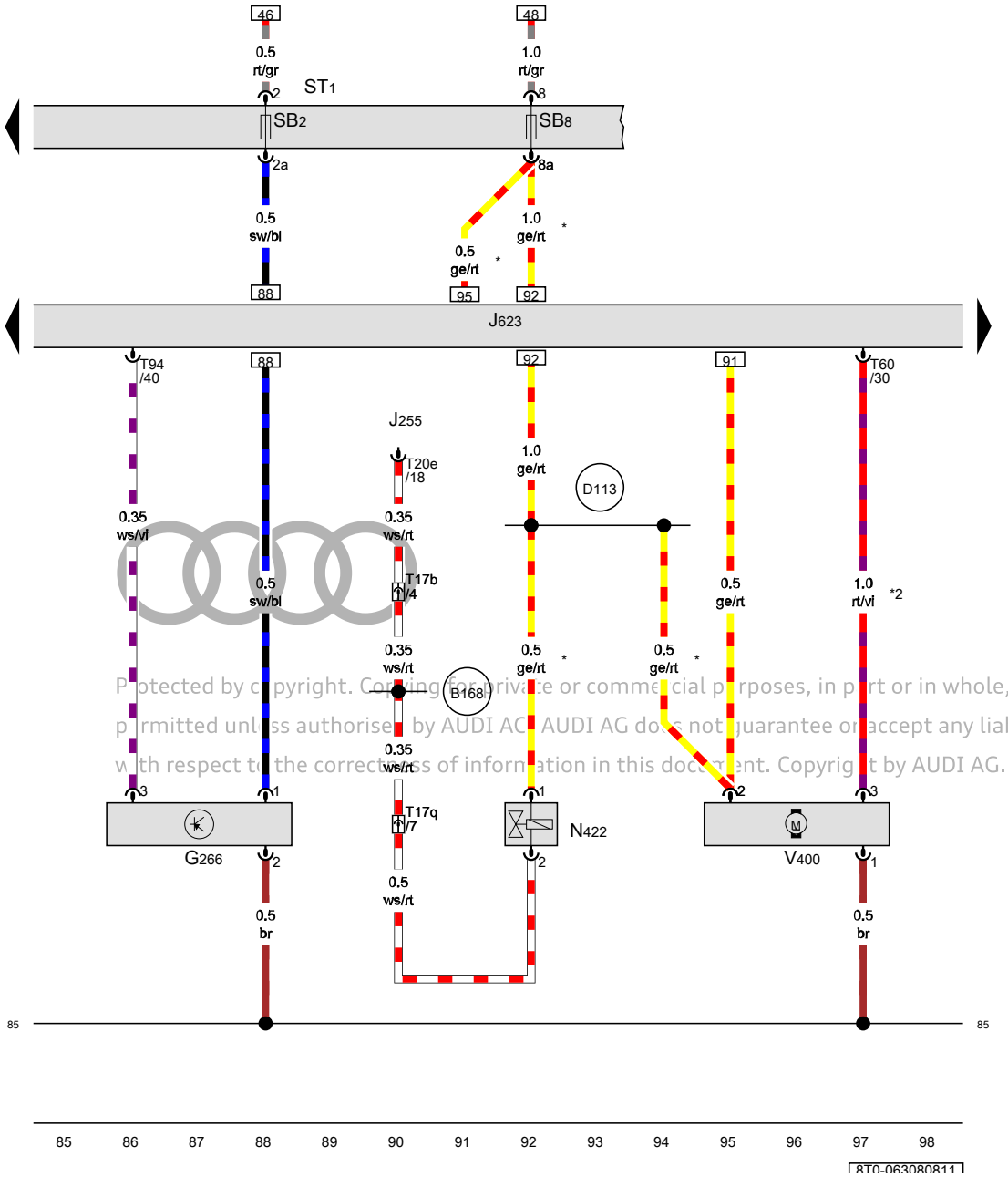


Automatic glow period control unit, Engine control unit

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Cross section depends on equipment
*2	gradual introduction
*3	Gradually discontinued

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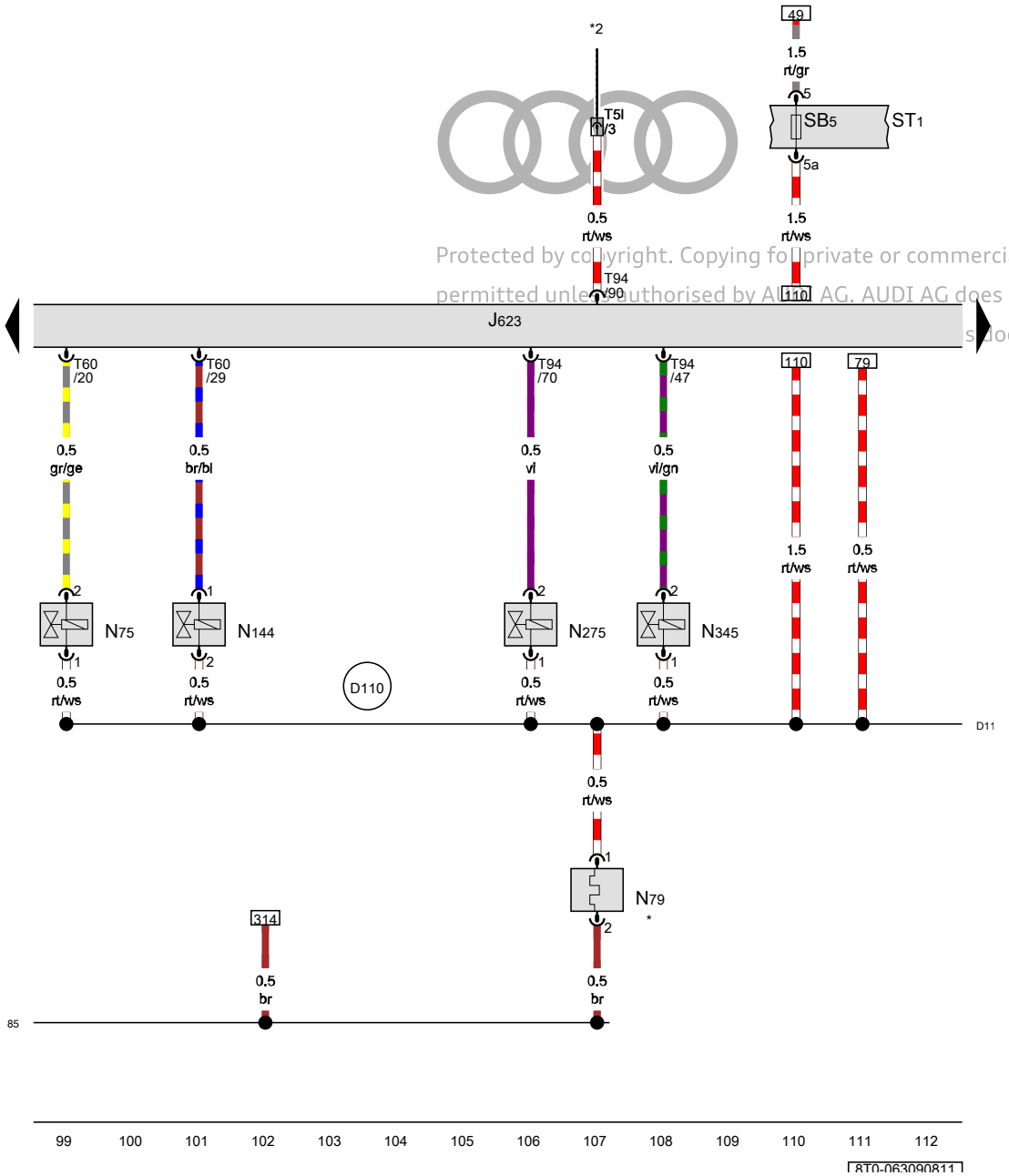


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Oil level and oil temperature sender, Engine control unit, Climatronic coolant shut-off valve, Pump for exhaust gas recirculation cooler

G266	Oil level and oil temperature sender
J255	Climatronic control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB8	Fuse 8 on fuse holder B
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V400	Pump for exhaust gas recirculation cooler
85	Earth connection 1, in engine compartment wiring harness
B168	Connection (86), in interior wiring harness
D113	Connection 11 in engine compartment wiring harness
*	According to equipment
*2	Cross section depends on equipment



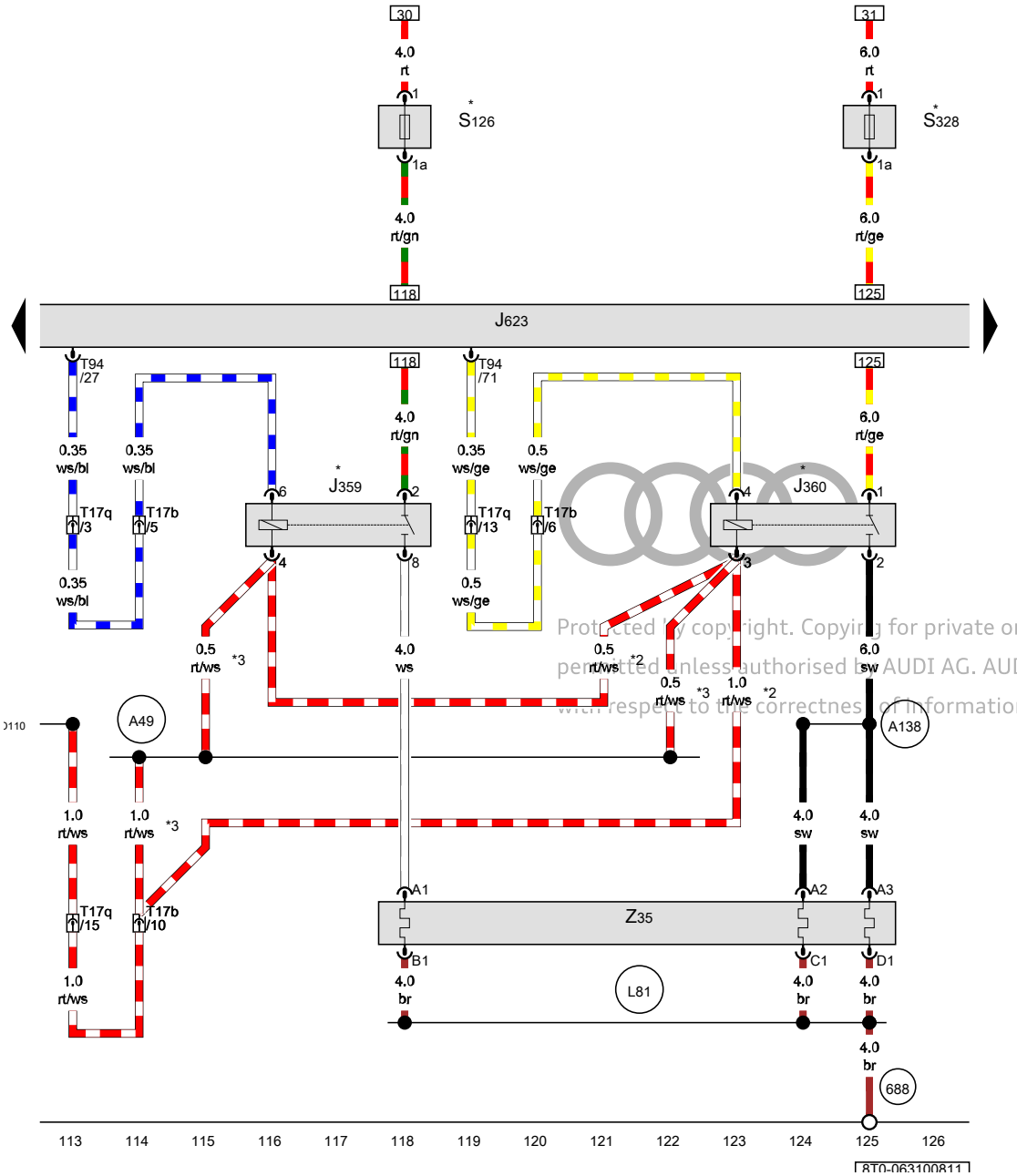
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Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Left electrohydraulic engine mounting solenoid valve, Air filter bypass flap valve, Exhaust gas recirculation cooler changeover valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
N144	Left electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	see applicable current flow diagram for radiator fan

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



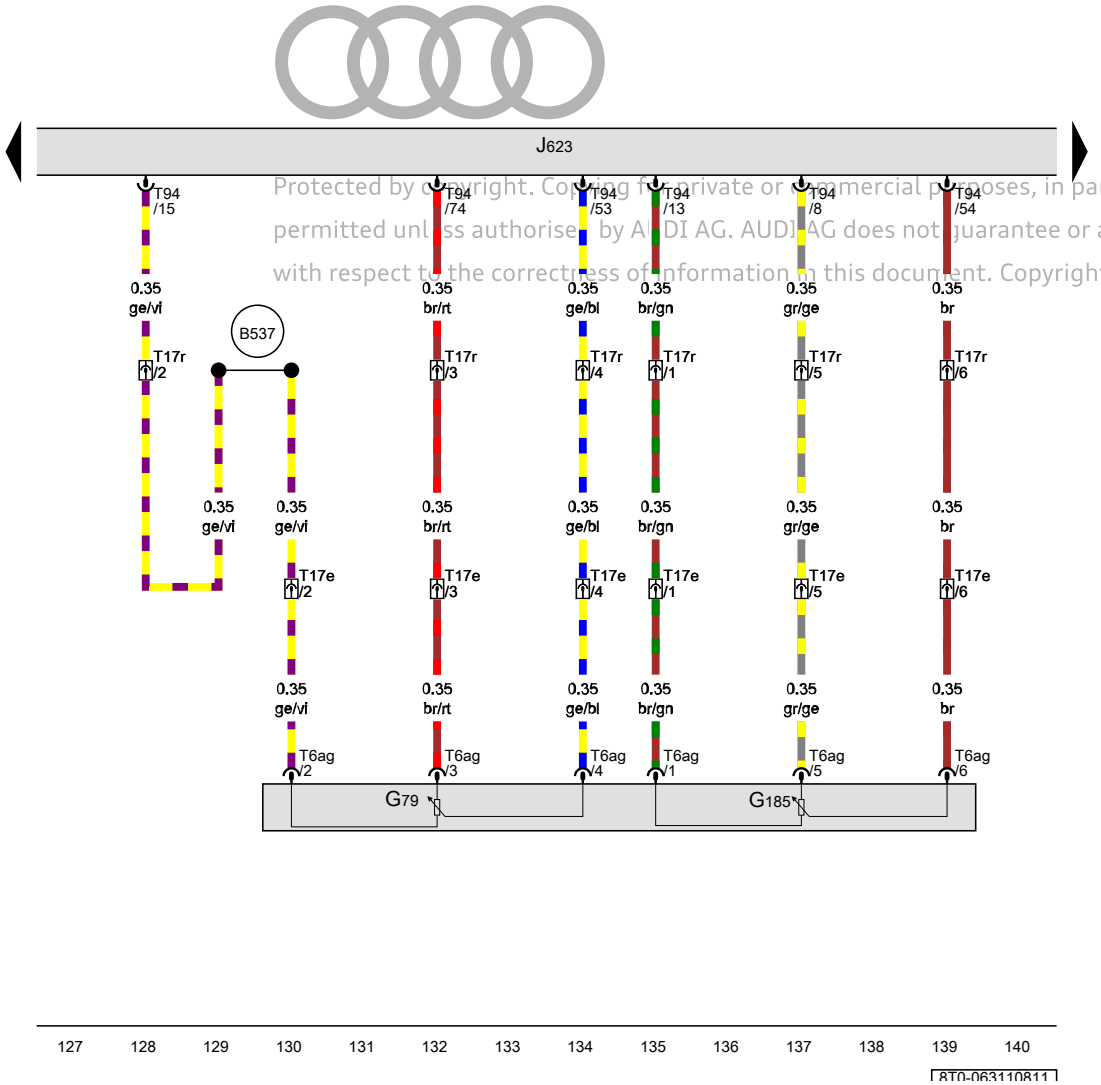
J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A49	Connection 1, in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater
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*3	Up to April 2009

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness



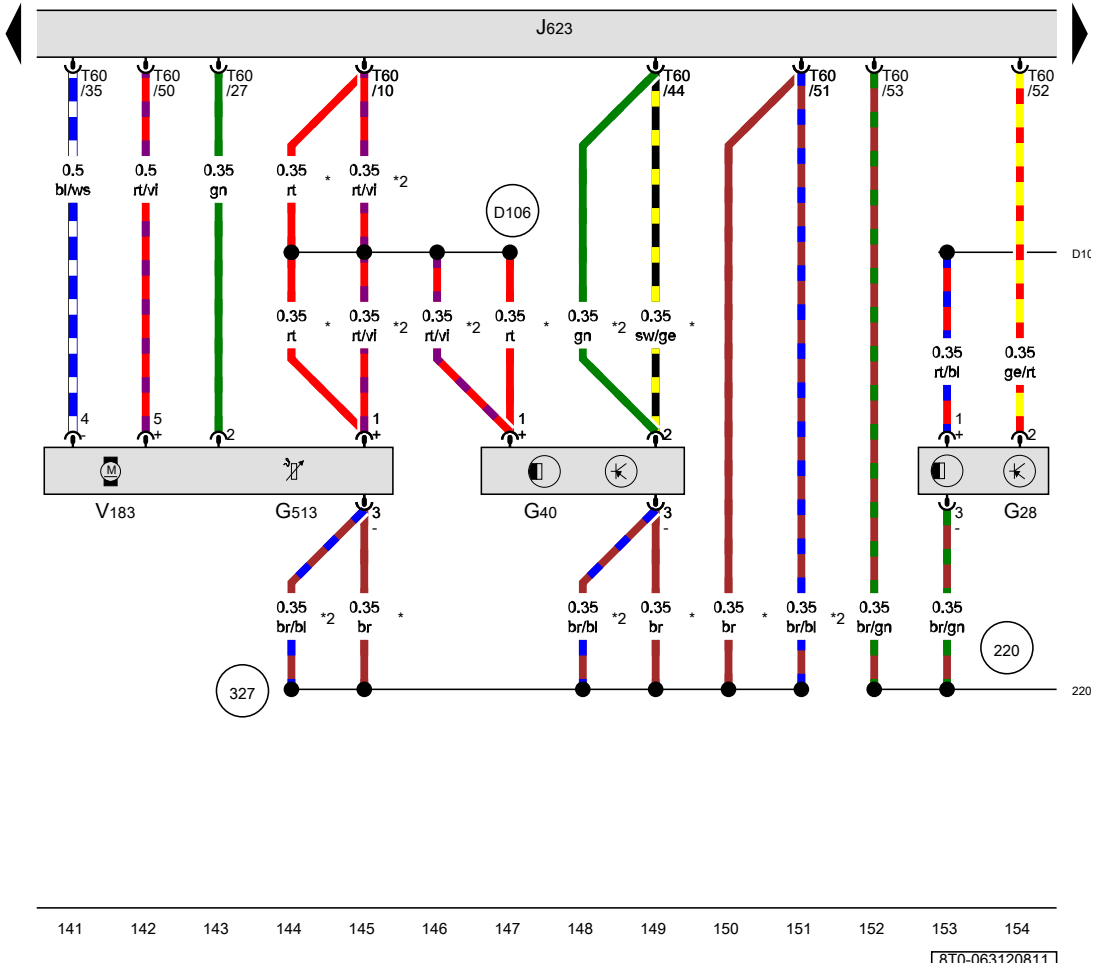
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Engine speed sender, Hall sender, Variable intake manifold position sender, Engine control unit, Variable intake manifold motor

G28	Engine speed sender
G40	Hall sender
G513	Variable intake manifold position sender
J623	Engine control unit
T60	60-pin connector
V183	Variable intake manifold motor
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
*	gradual introduction
*2	Gradually discontinued

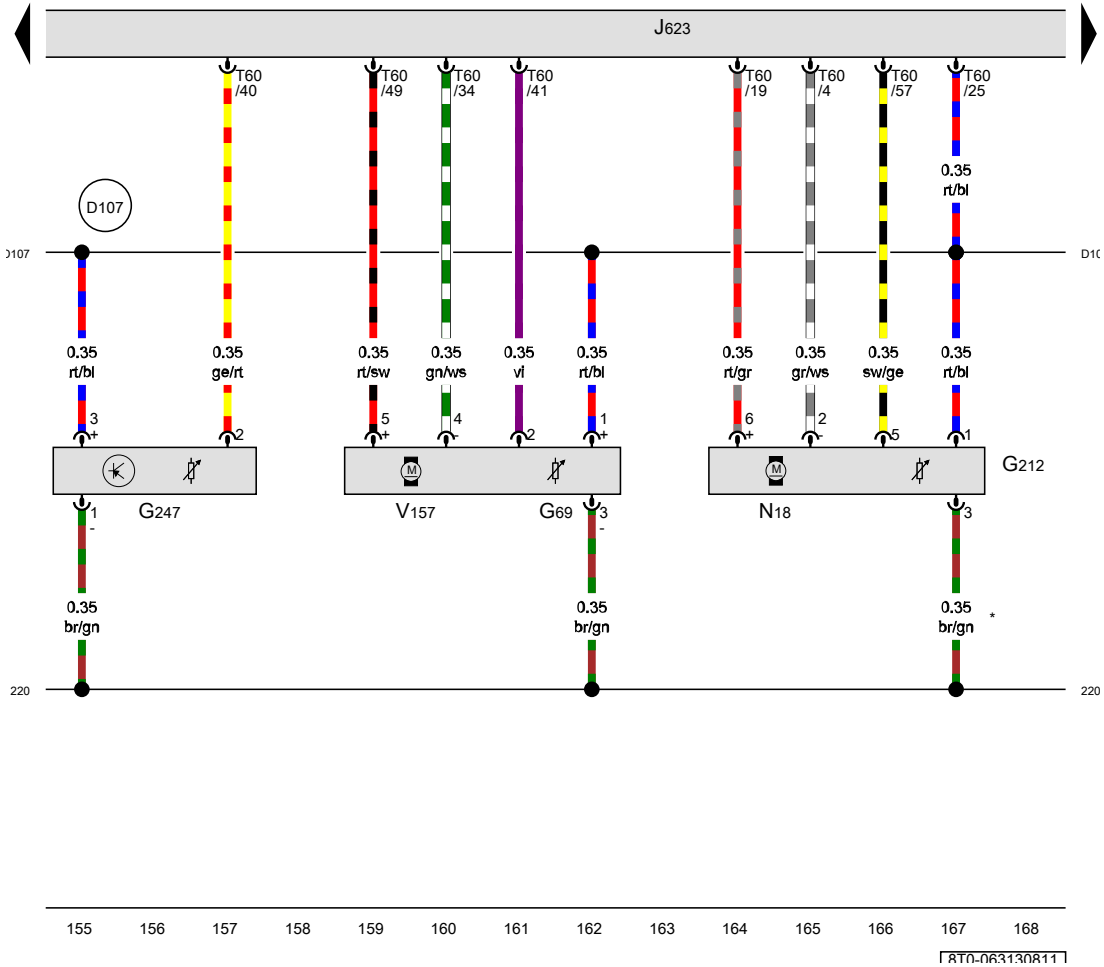


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Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve, Intake manifold flap motor

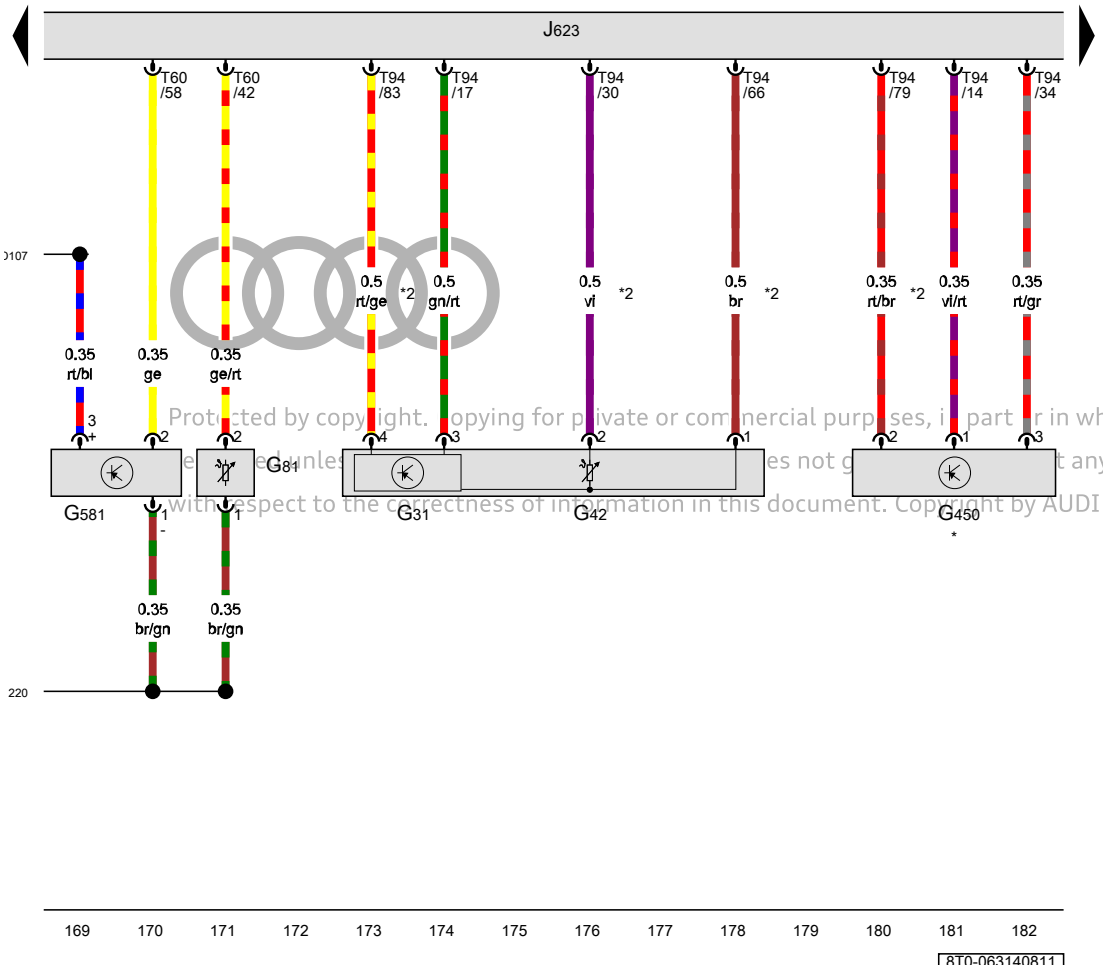
G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T60	60-pin connector
V157	Intake manifold flap motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
*	Wiring colour depends on equipment



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Charge pressure sender, Intake air temperature sender, Fuel temperature sender, Exhaust gas pressure sensor 1, Position sender for charge pressure positioner, Engine control unit

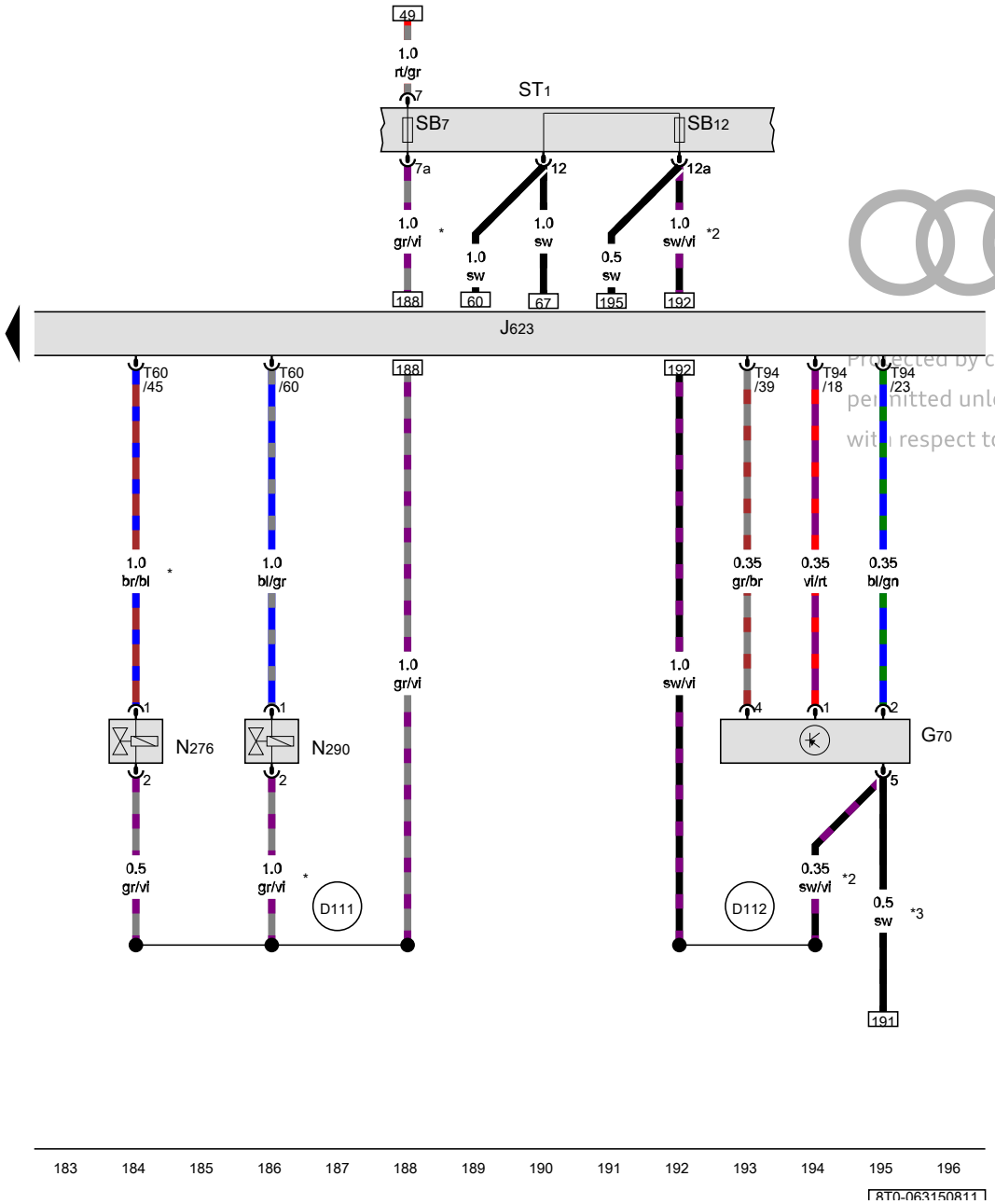
G31	Charge pressure sender
G42	Intake air temperature sender
G81	Fuel temperature sender
G450	Exhaust gas pressure sensor 1
G581	Position sender for charge pressure positioner
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
*	According to equipment
*2	Wiring colour depends on equipment



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Air mass meter, Engine control unit, Fuel pressure regulating valve, Fuel metering valve



G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Cross section depends on equipment
*2	Only models with automatic gearbox
*3	Only models with manual gearbox

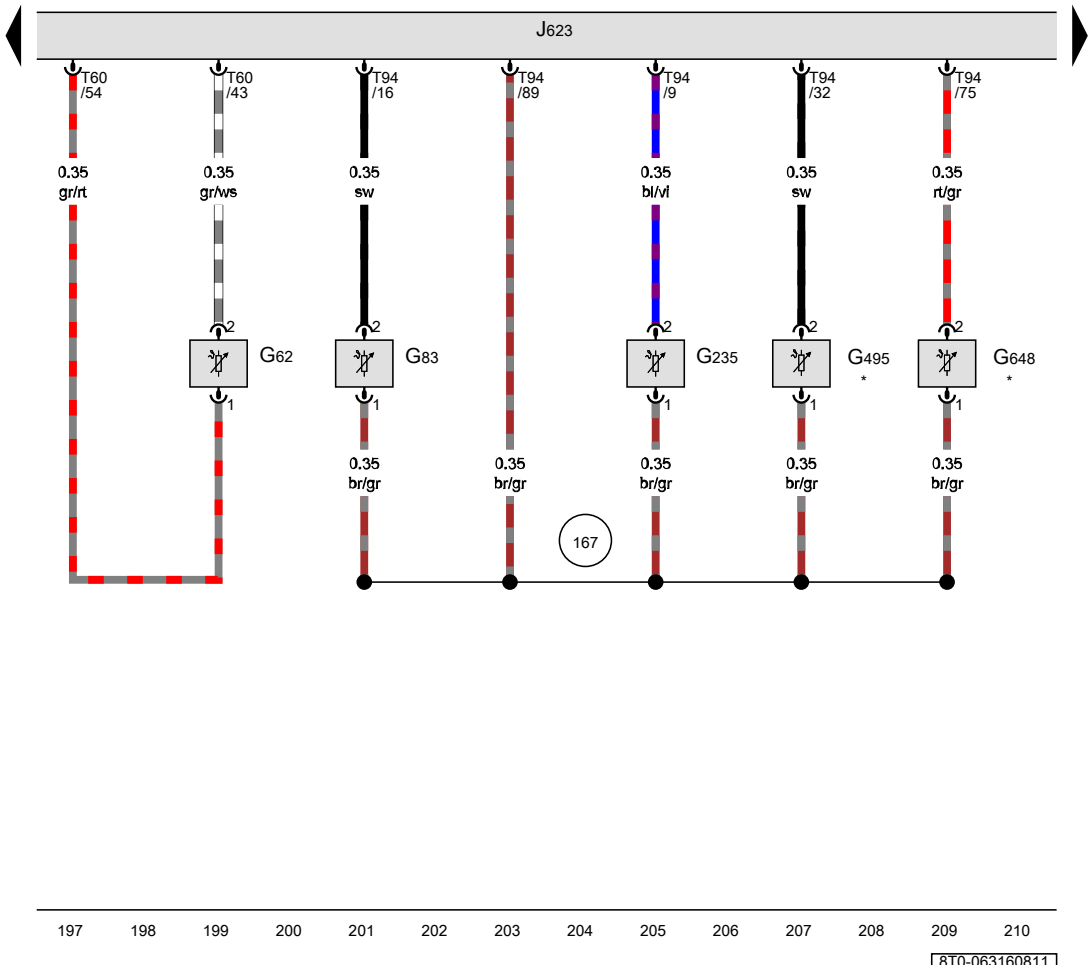
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Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness
*	According to equipment

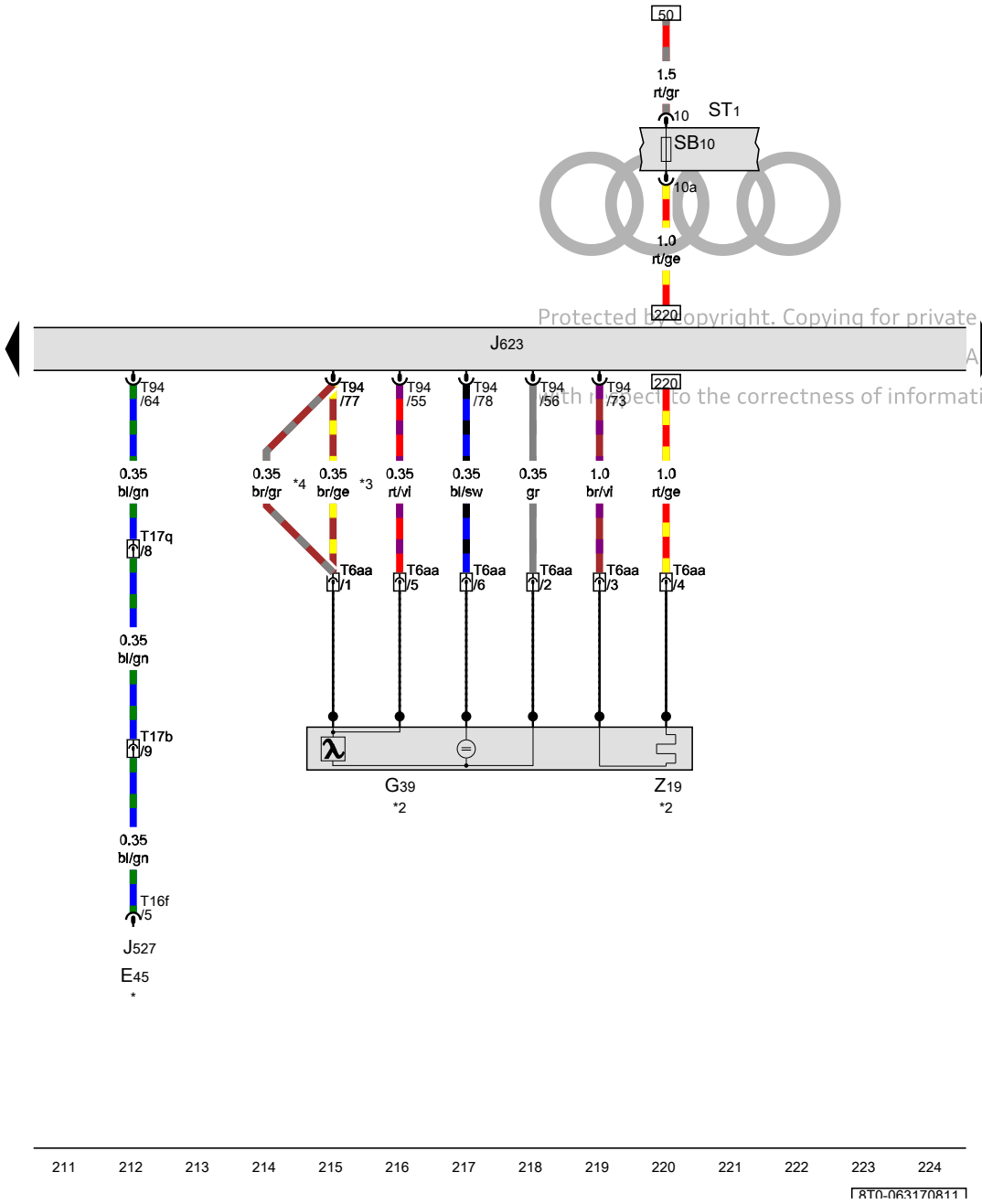
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Lambda probe, Engine control unit

E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)
*2	Optional equipment
*3	gradual introduction
*4	Gradually discontinued



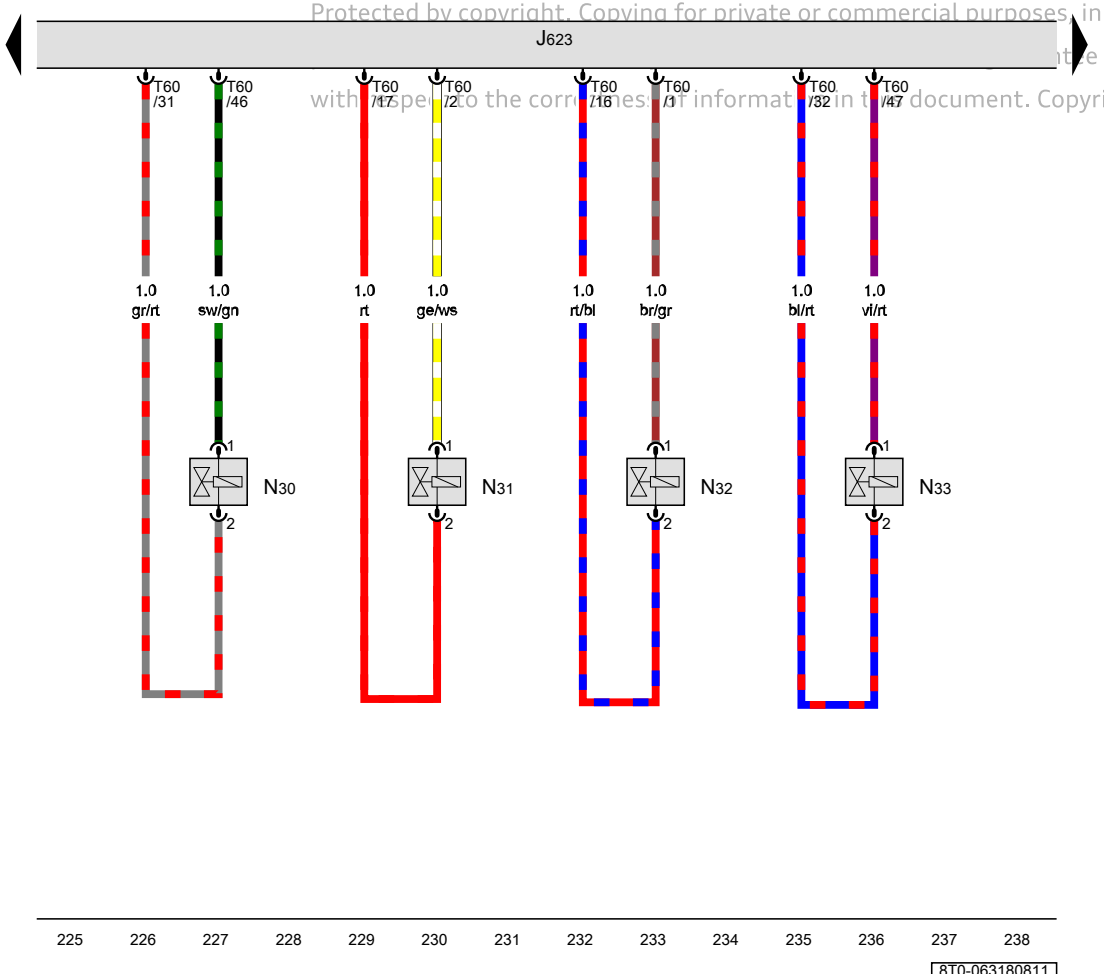
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

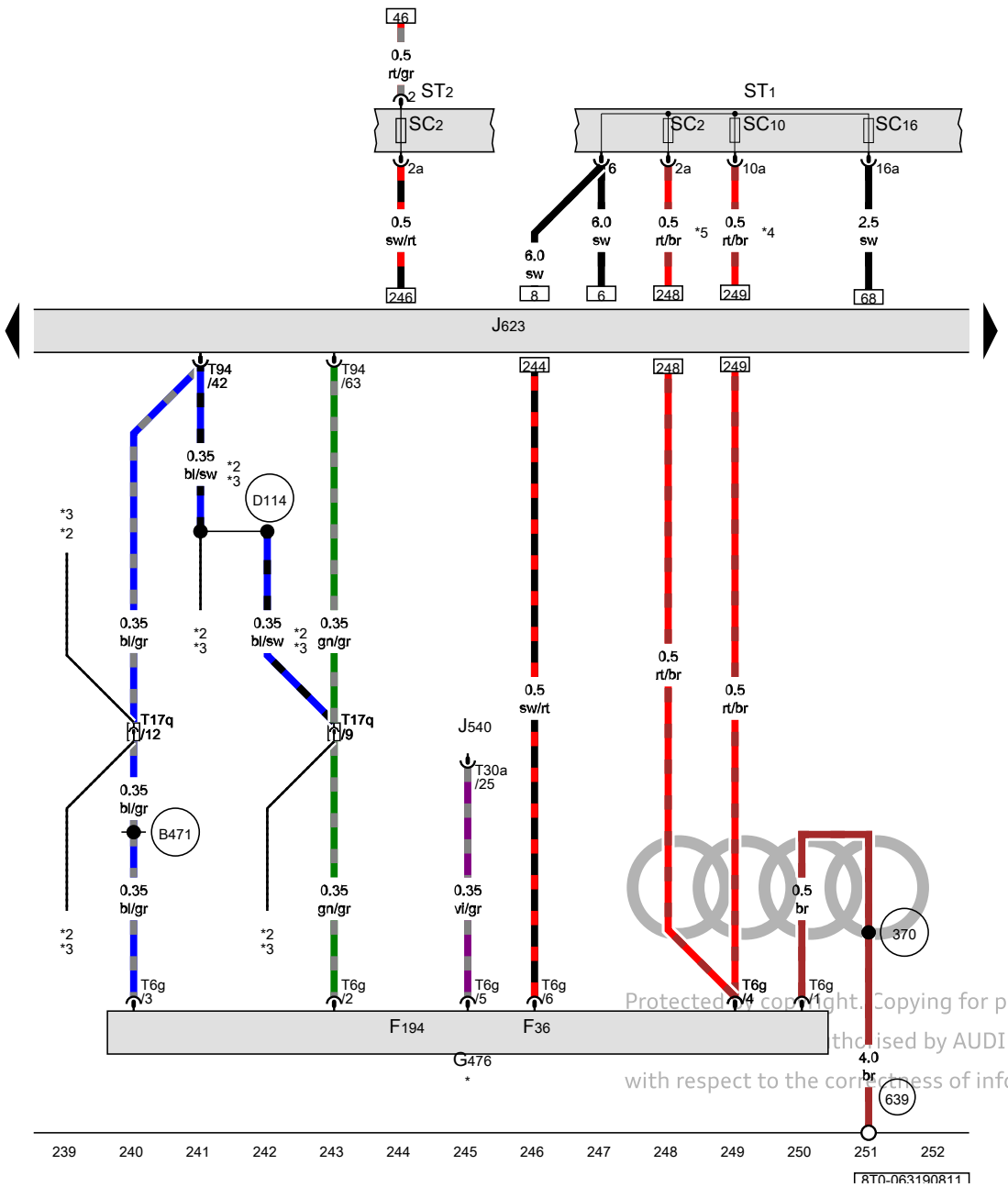
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector

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Clutch position sender, Engine control unit

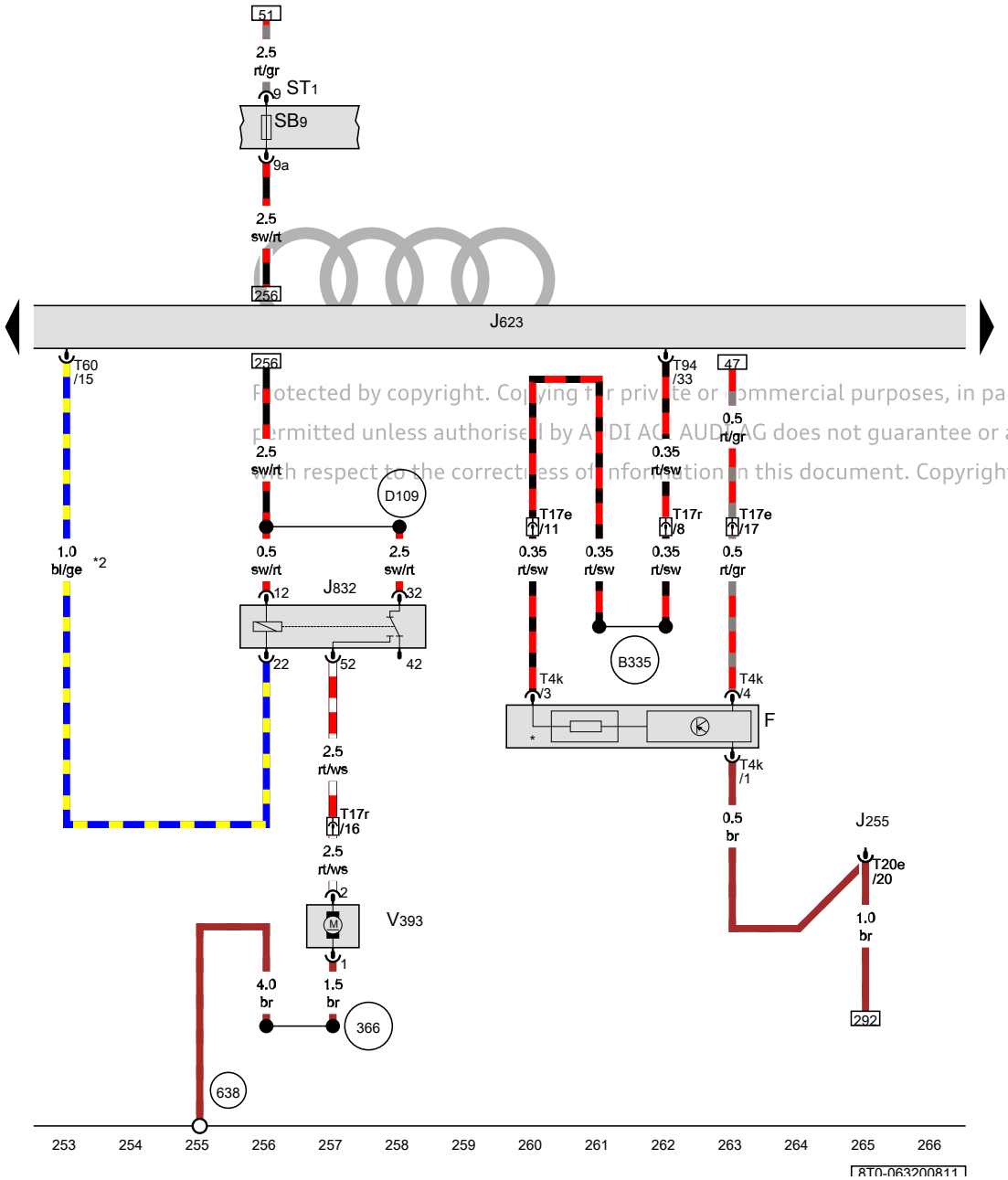


F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	From May 2009
*5	Up to April 2009

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Brake light switch, Engine control unit, Supplementary fuel pump



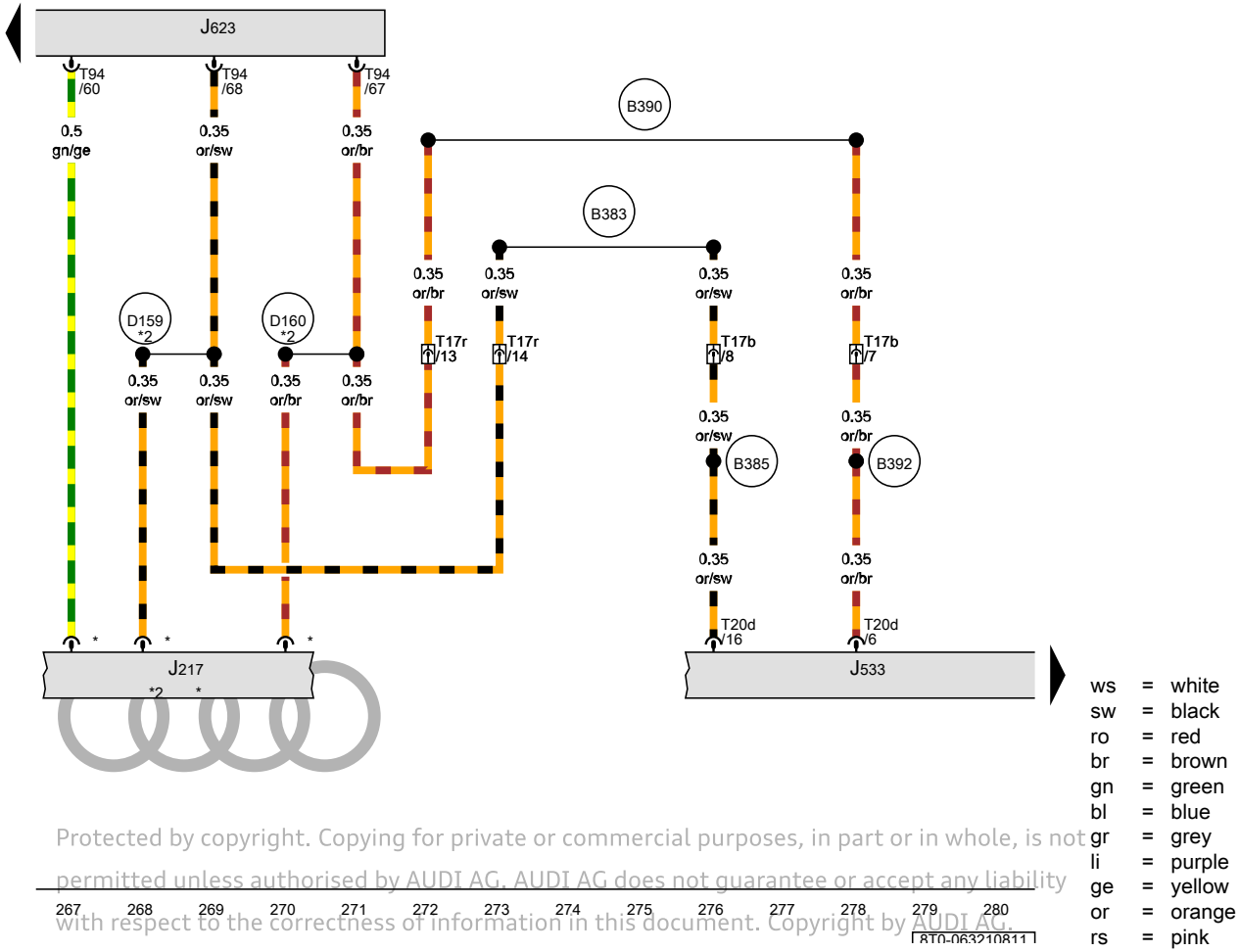
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F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
J832	Relay for supplementary fuel pump
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V393	Supplementary fuel pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B335	Connection 1 (54), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Solenoid coil for brake light sensor
*2	Cross section depends on equipment

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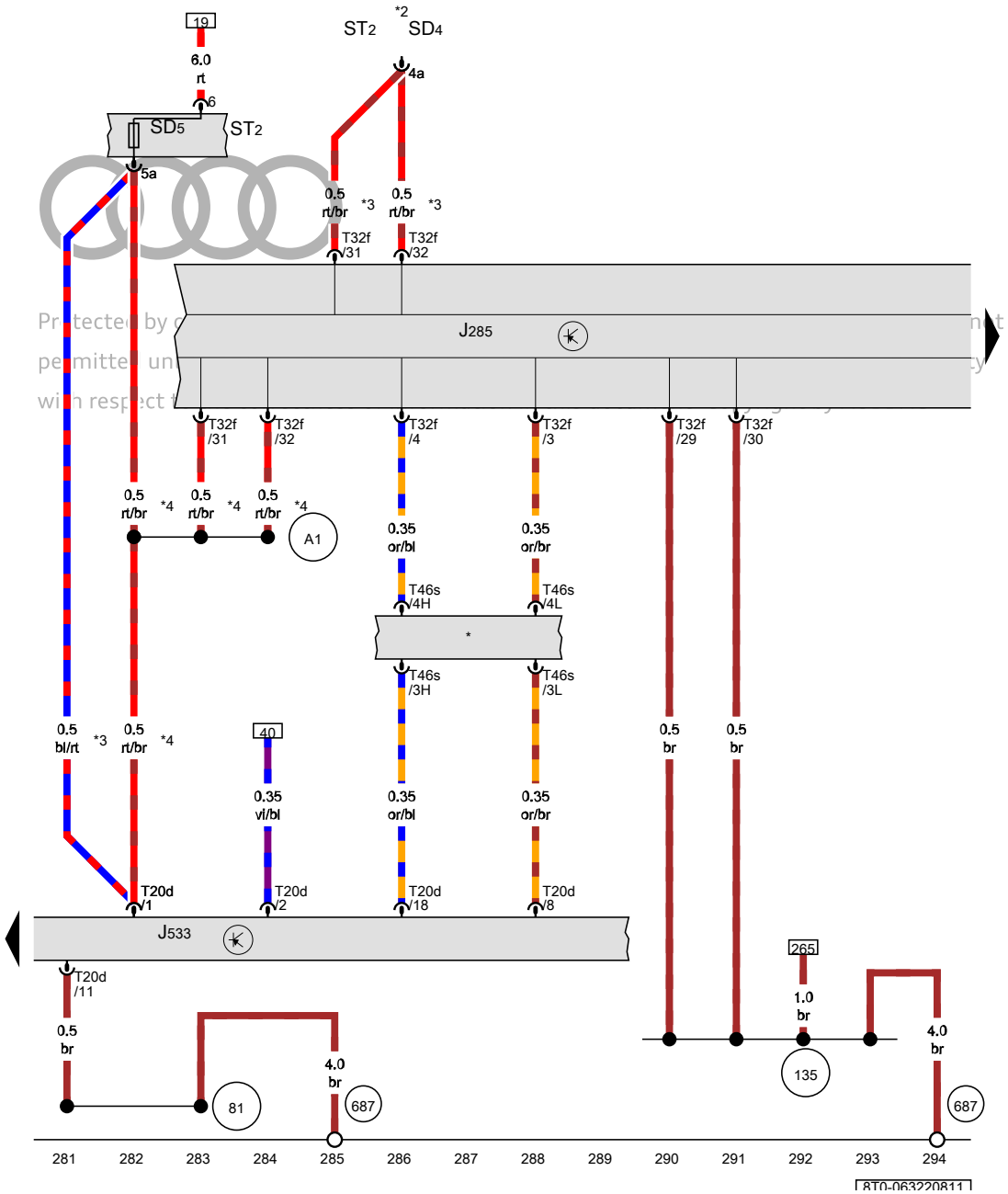
Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox



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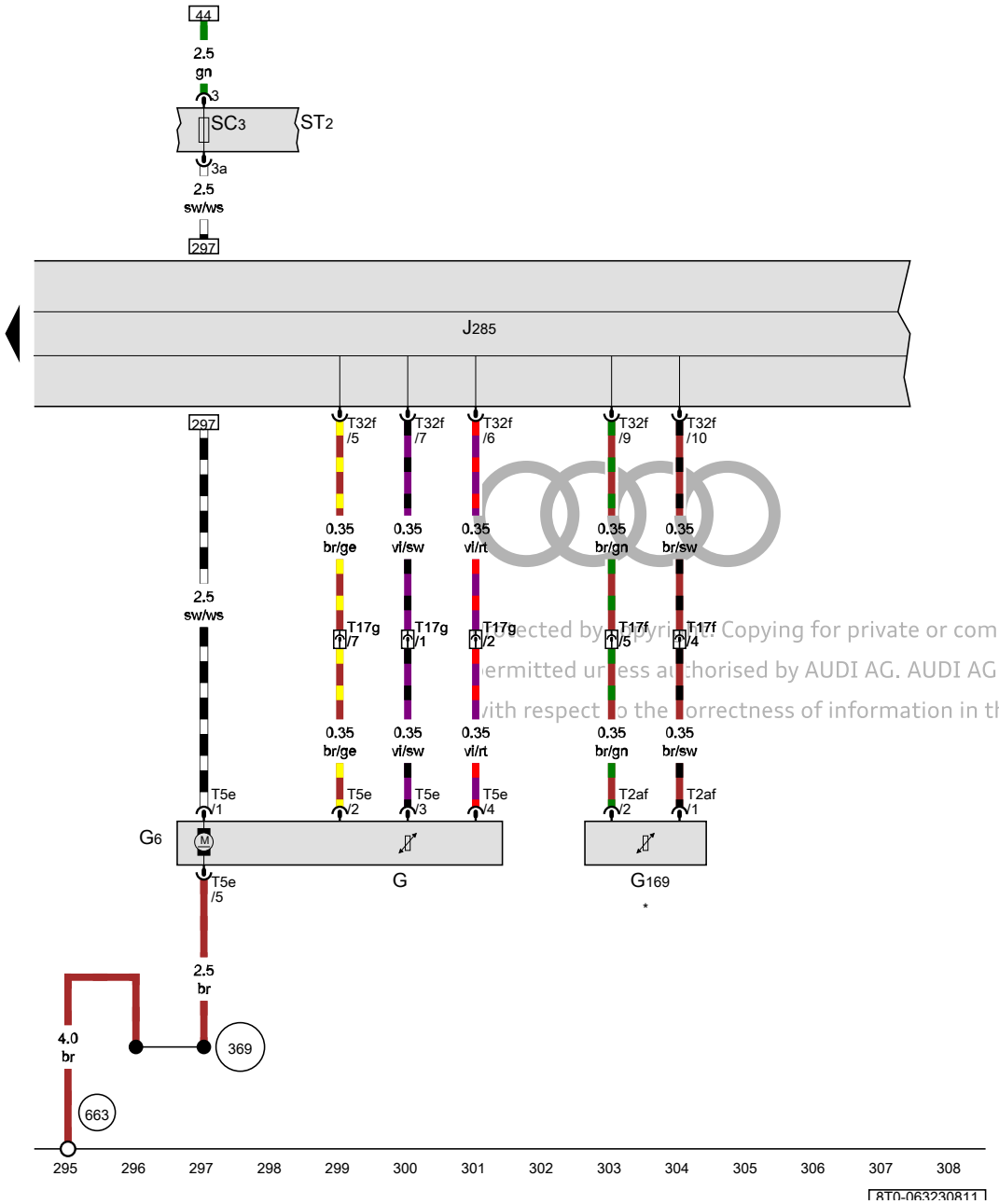
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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Up to April 2009

Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive



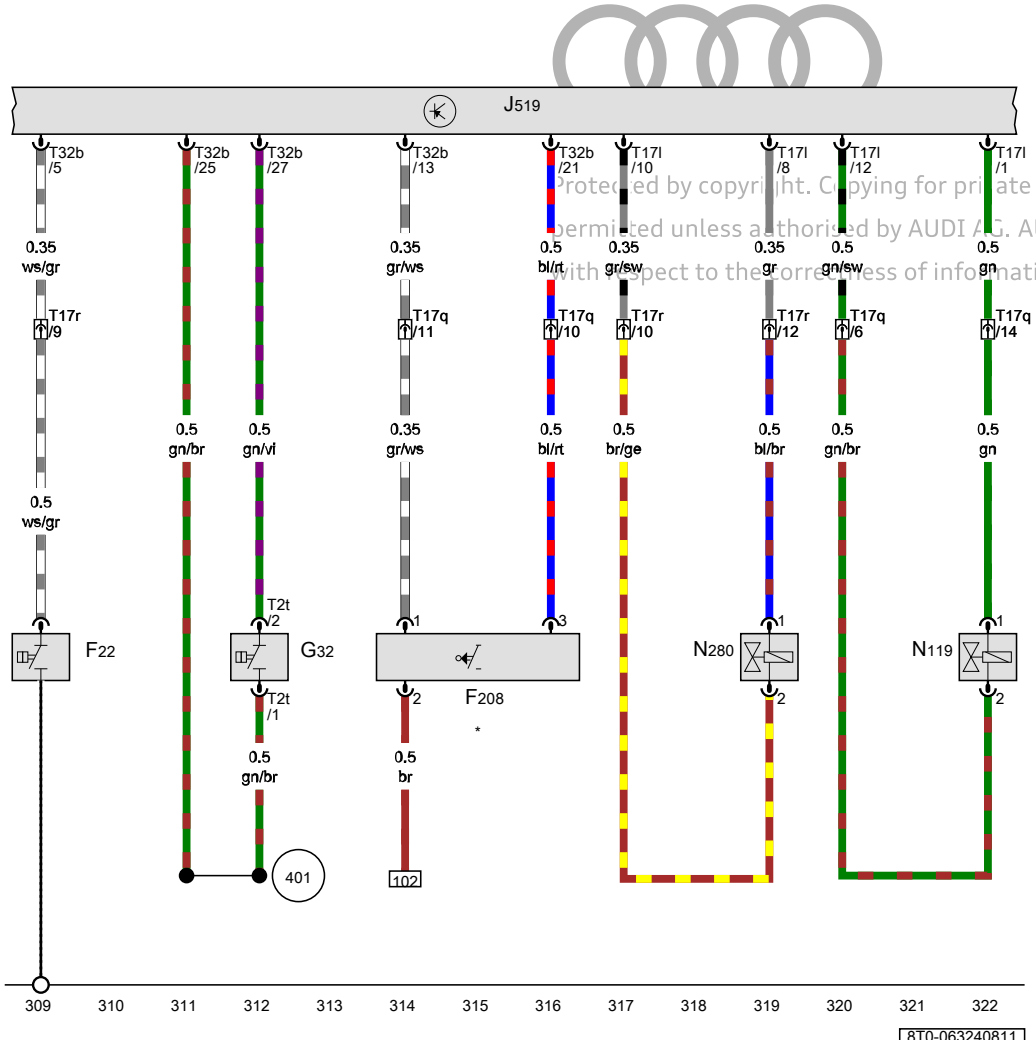
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Oil pressure switch, Gear detector switch, Coolant shortage indicator sender, Onboard supply control unit, Servotronic solenoid valve, Air conditioner compressor regulating valve

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox

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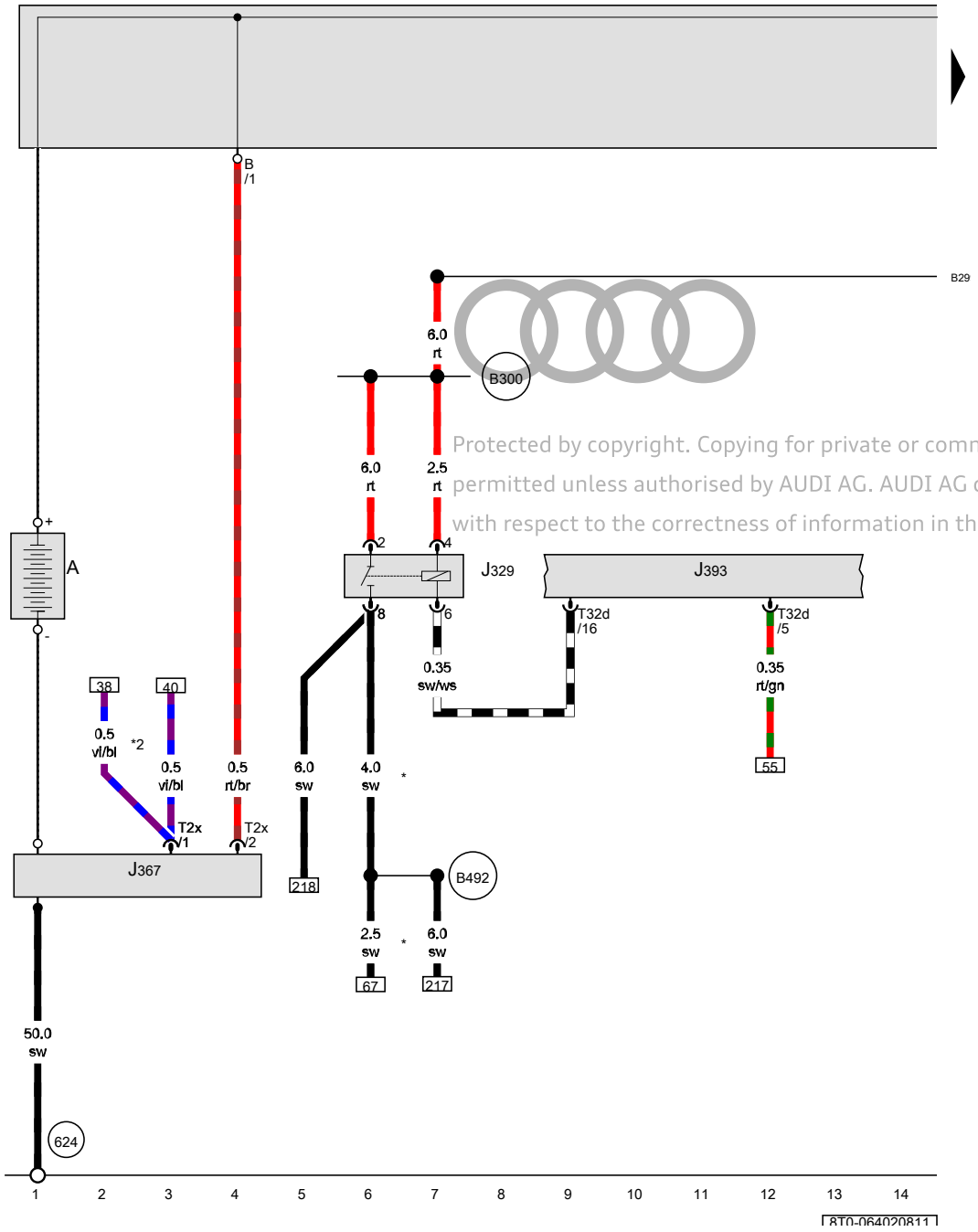


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2.0l petrol engine , CAEA,CAEB,CDNB,CDNC

From March 2008

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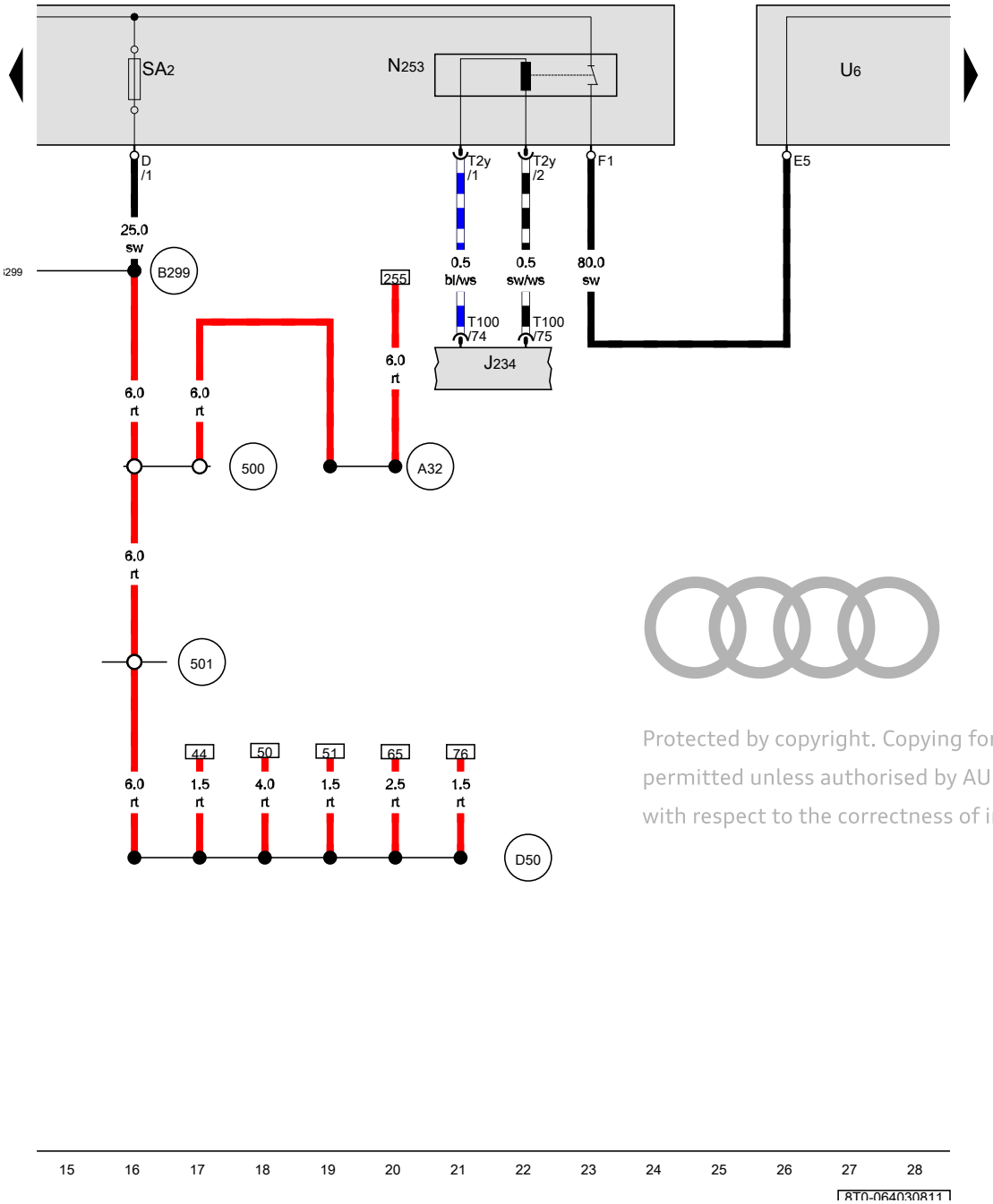


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	Up to April 2009
*2	From May 2009

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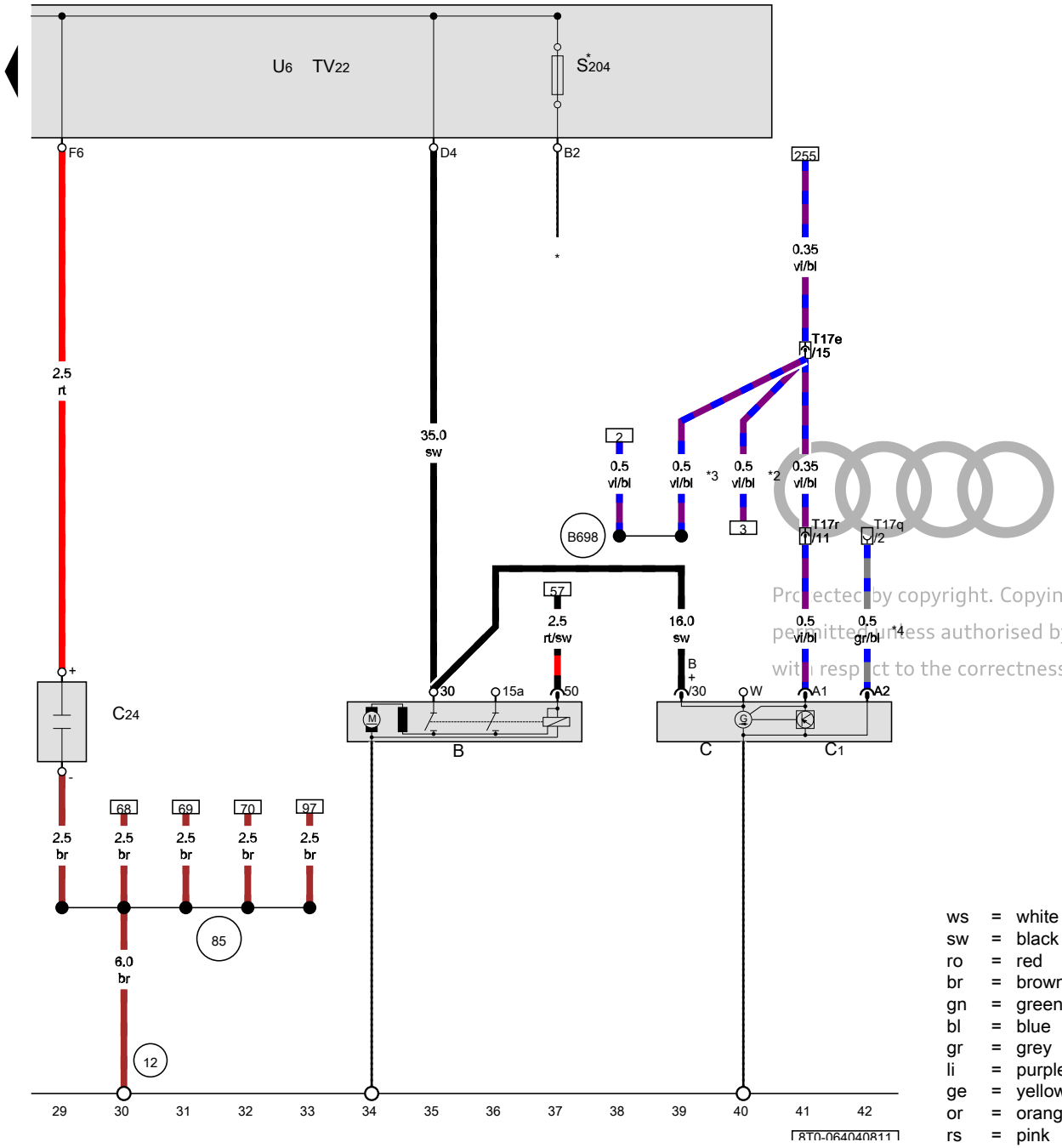


Battery isolation igniter, Jump start socket

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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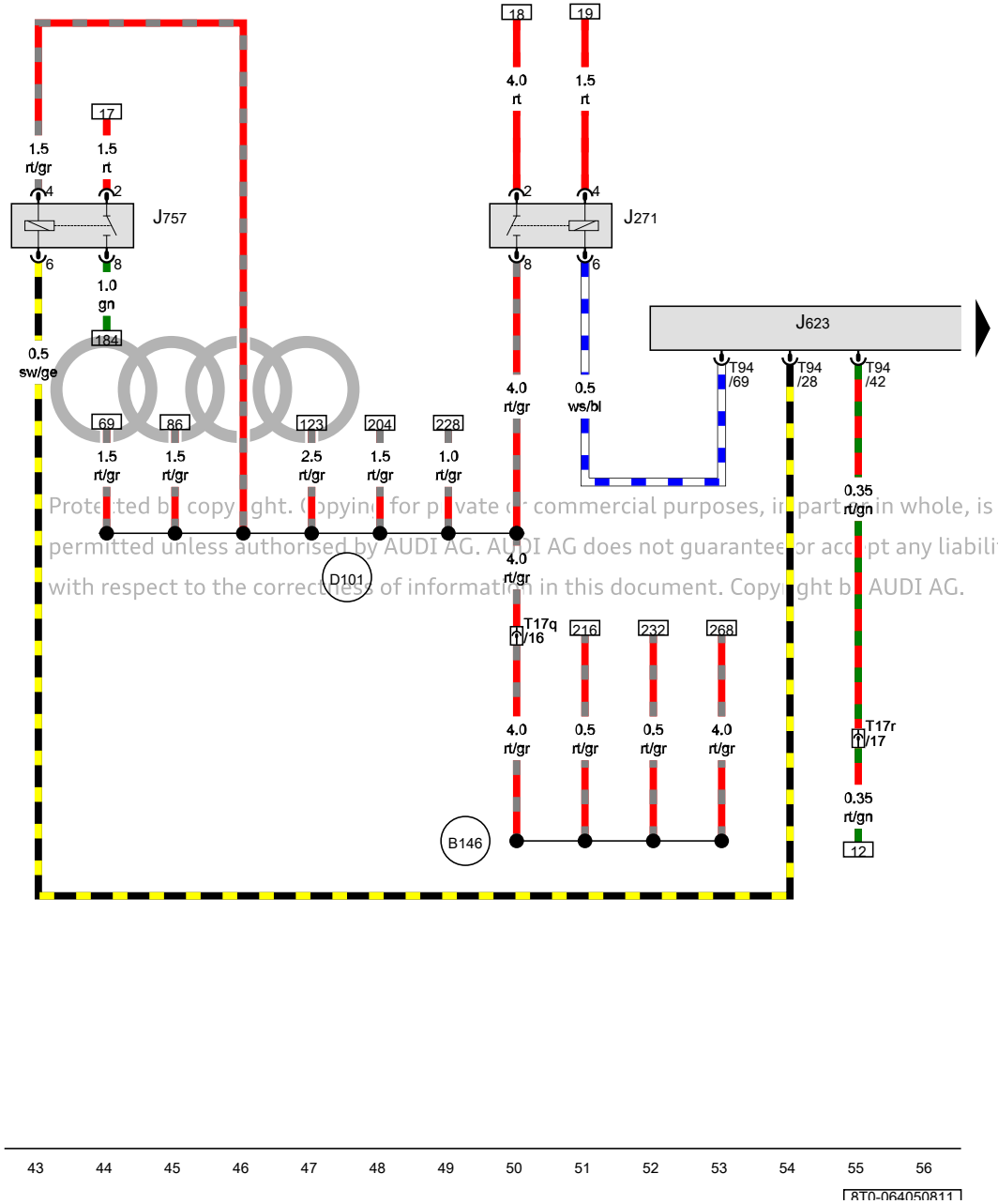
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
S204	Fuse 1 (30)
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	Up to April 2009
*3	From May 2009
*4	Gradually discontinued

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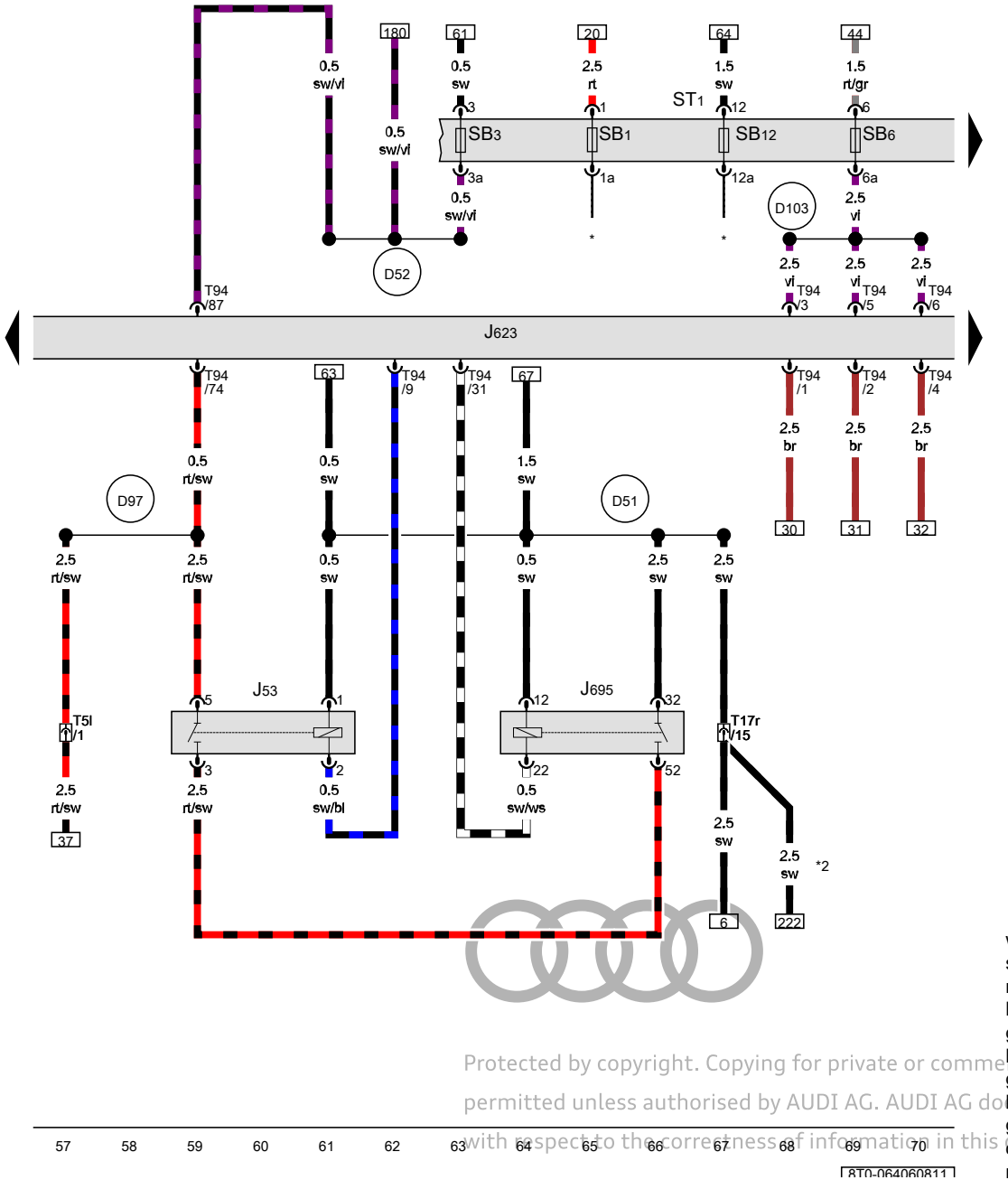
Main relay, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness



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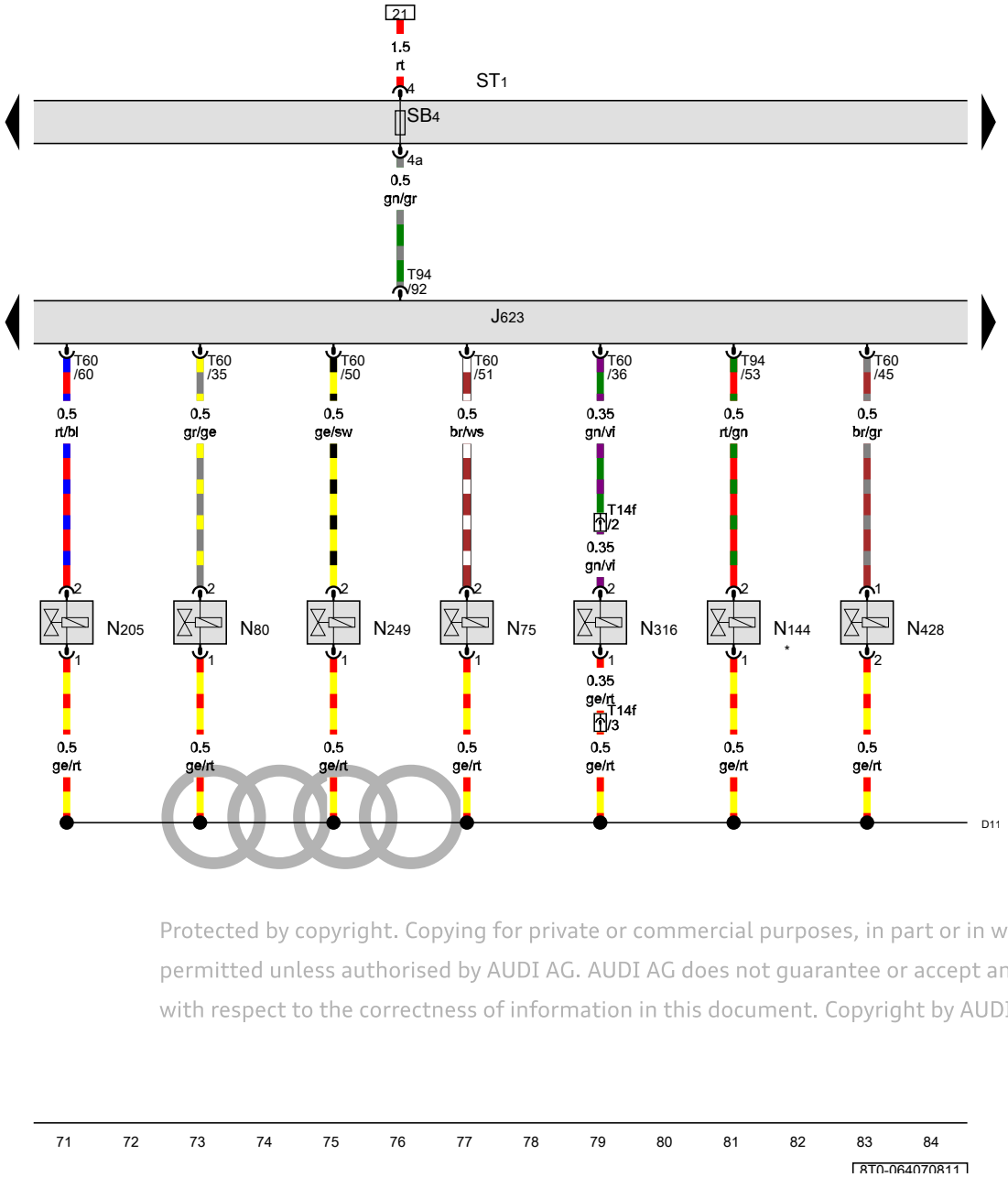


Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	From May 2009

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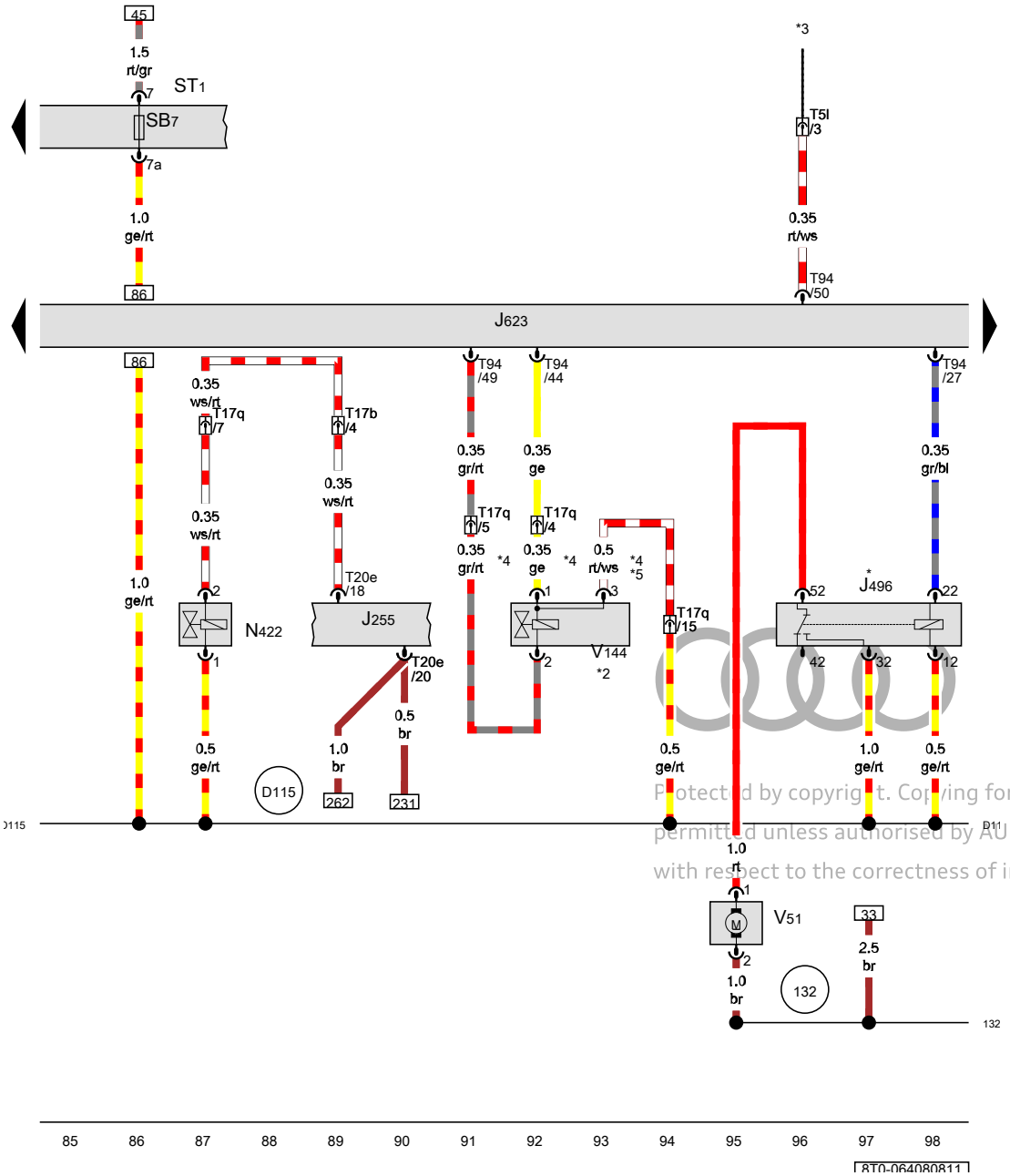
Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Turbocharger air recirculation valve, Valve for oil pressure control

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
T14f	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
D115	Connection 13 in engine compartment wiring harness
*	Only models with automatic gearbox

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Climatronic coolant shut-off valve, Continued coolant circulation pump



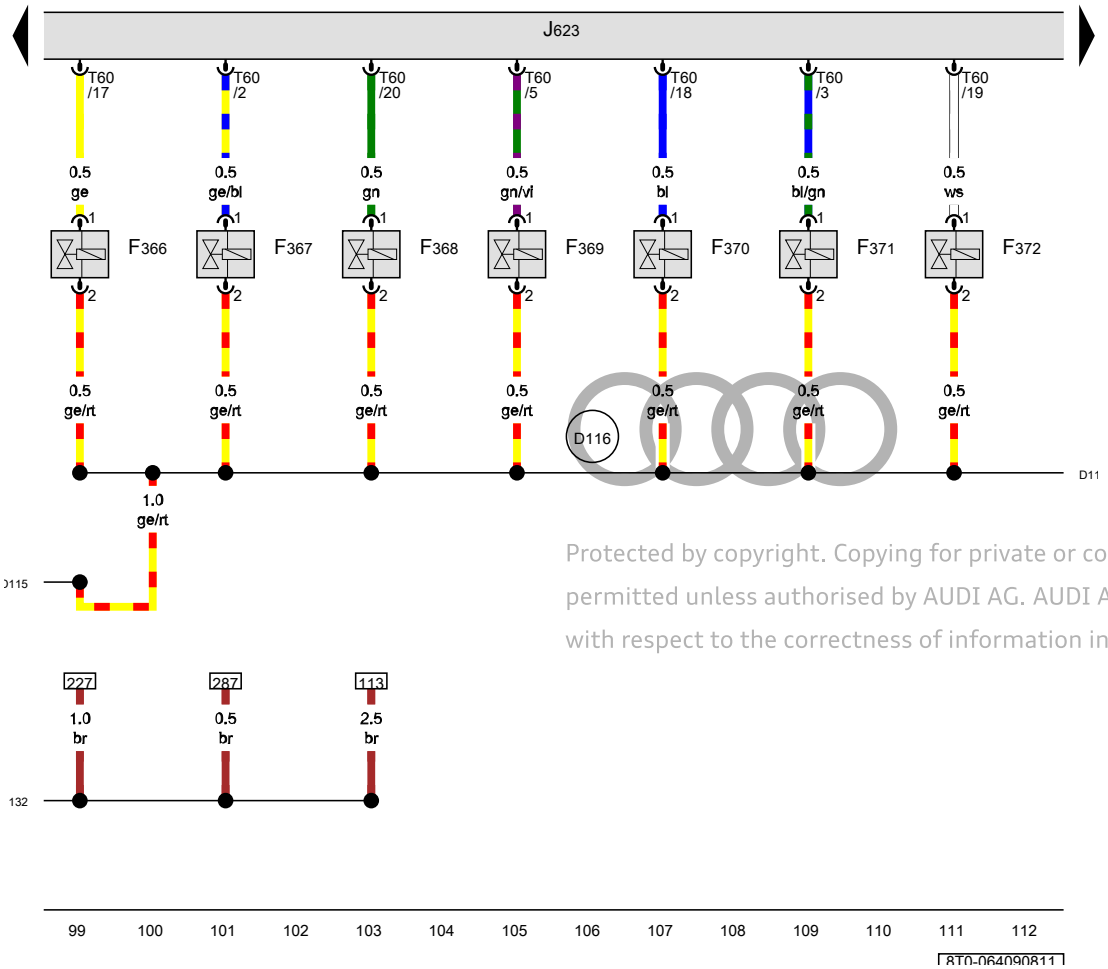
J255	Climatronic control unit
J496	Additional coolant pump relay
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T5l	5-pin connector, in engine compartment
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
V144	Fuel system diagnostic pump
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Optional equipment
*2	Only models with US equipment
*3	see applicable current flow diagram for radiator fan
*4	Cross section depends on equipment
*5	According to equipment

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Actuator 1 for camshaft adjustment, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment

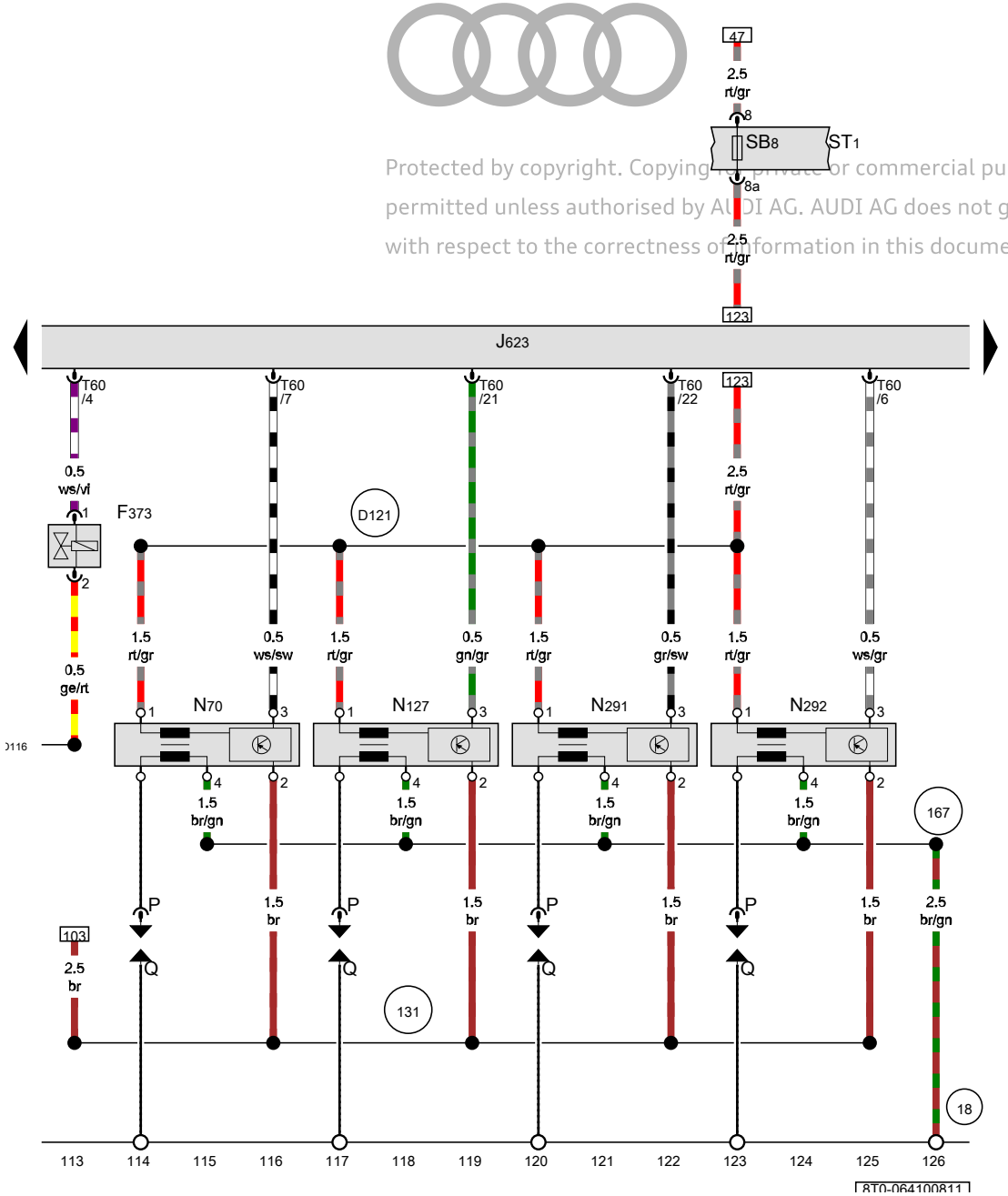
F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
F372	Actuator 7 for camshaft adjustment
J623	Engine control unit
T60	60-pin connector
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness



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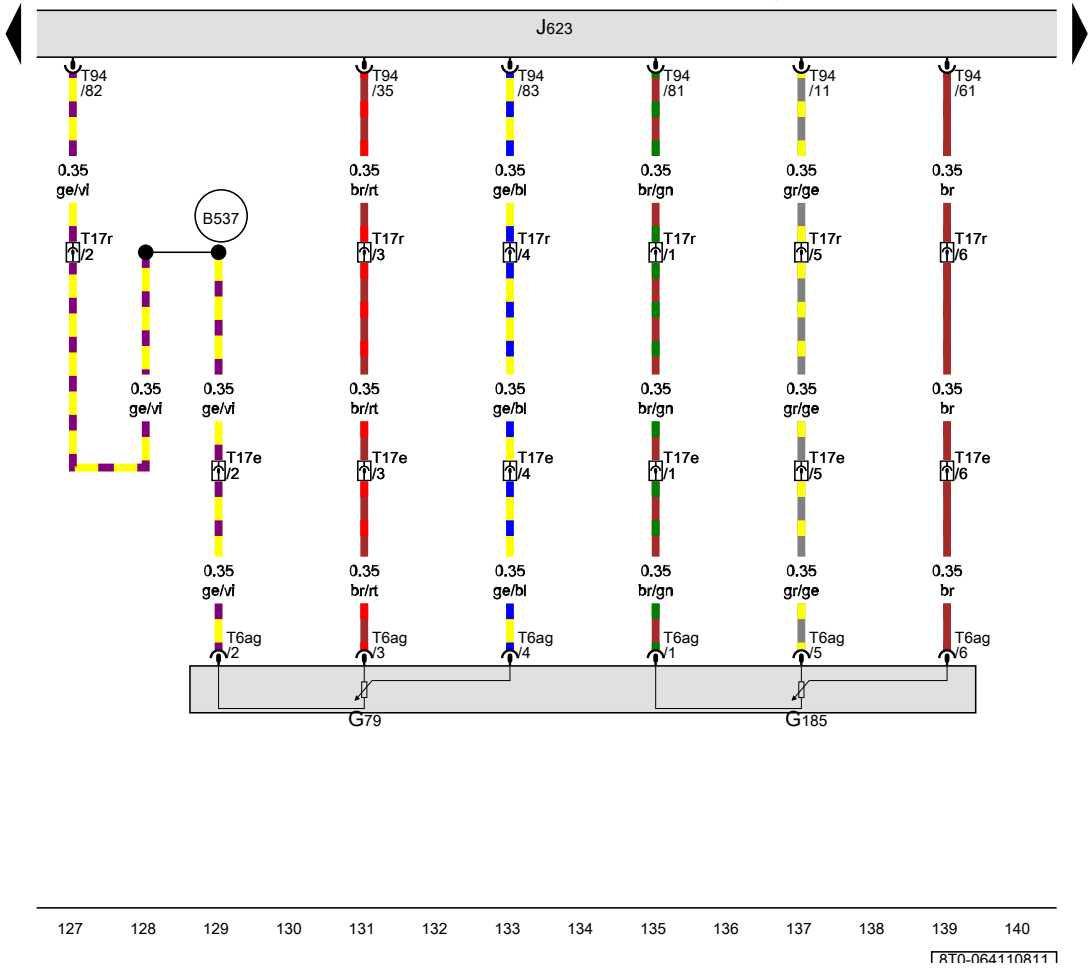
Actuator 8 for camshaft adjustment, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

F373	Actuator 8 for camshaft adjustment
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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
18	Earth point, on cylinder block
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

Accelerator position sender, Accelerator position sender 2

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

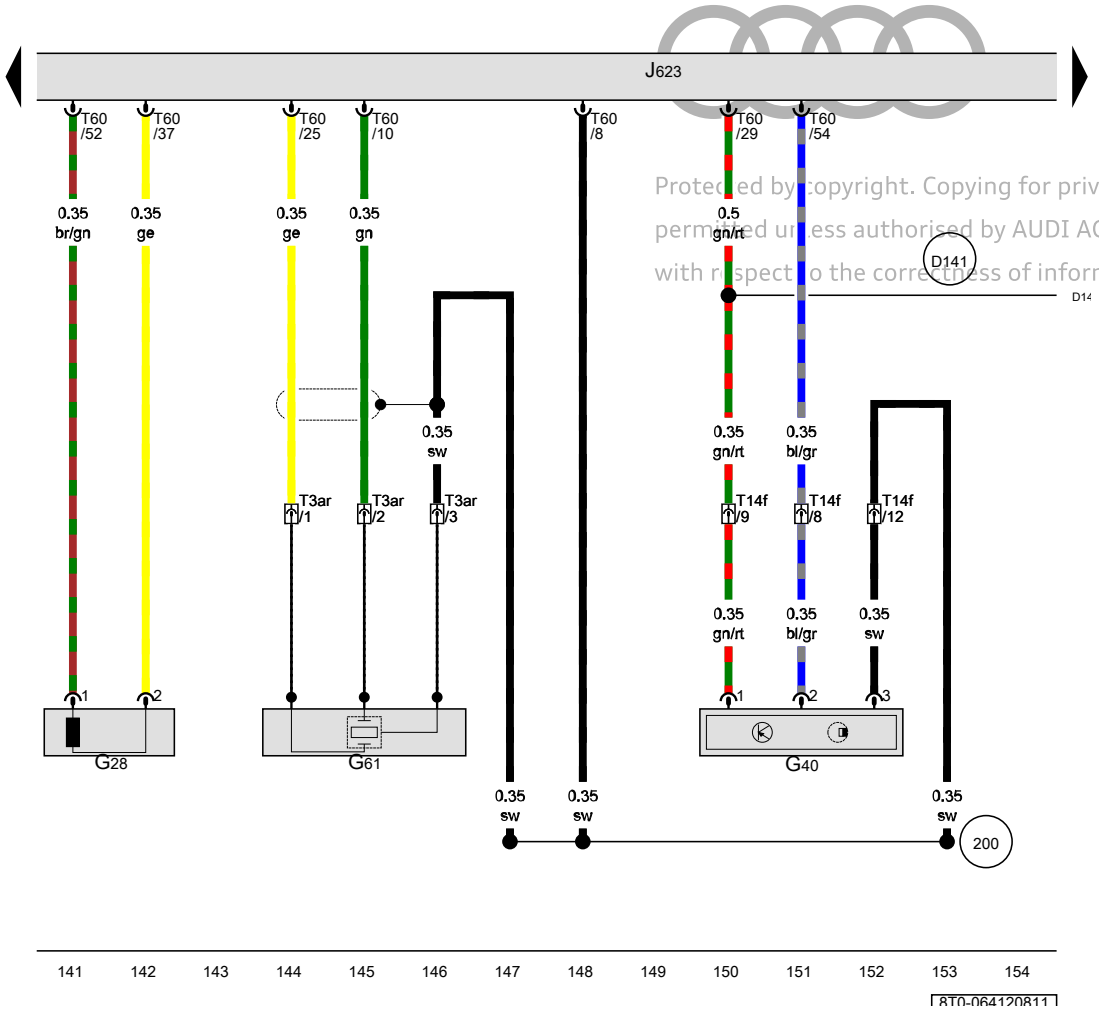
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Engine speed sender, Hall sender

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor 1
J623	Engine control unit
T3ar	3-pin connector, green
T14f	14-pin connector, in engine compartment
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

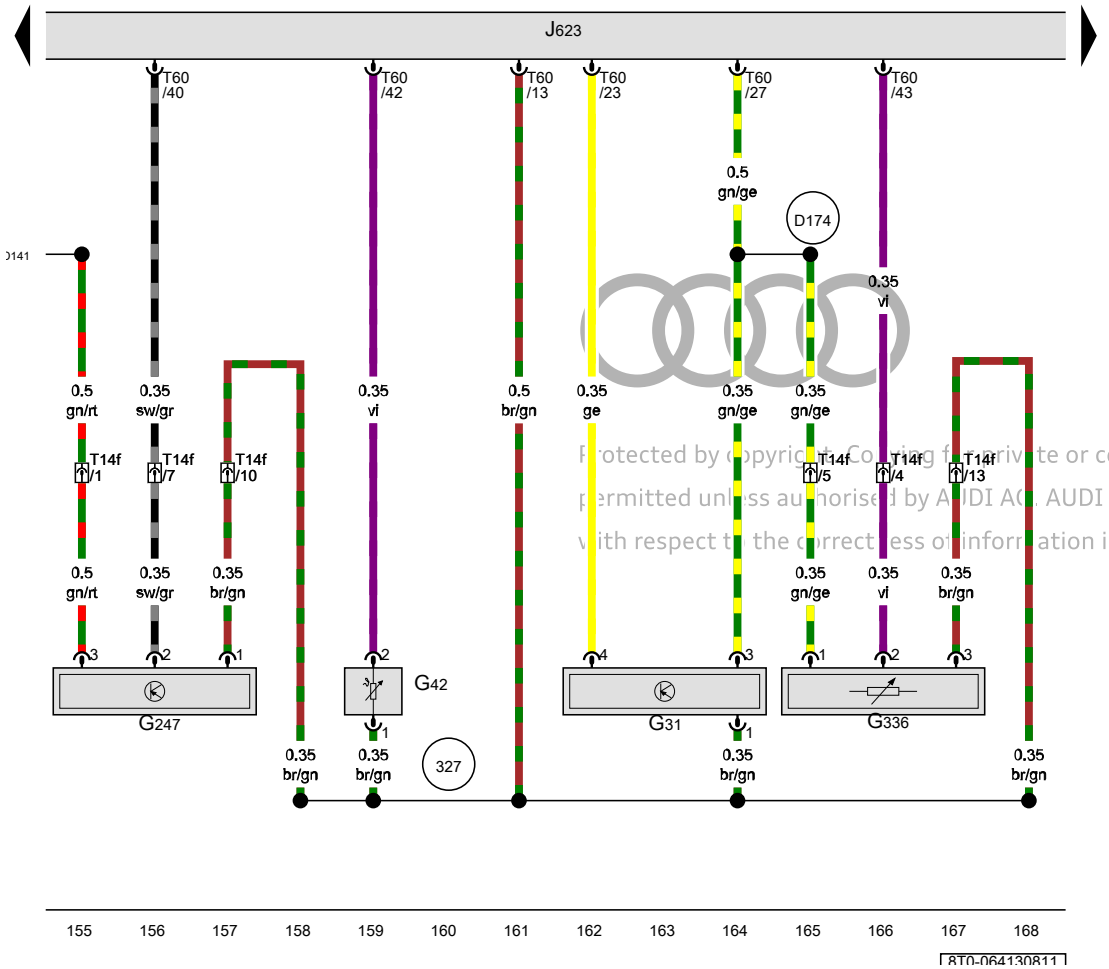


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Fuel pressure sender, Intake manifold flap potentiometer

G31	Charge pressure sender
G42	Intake air temperature sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-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

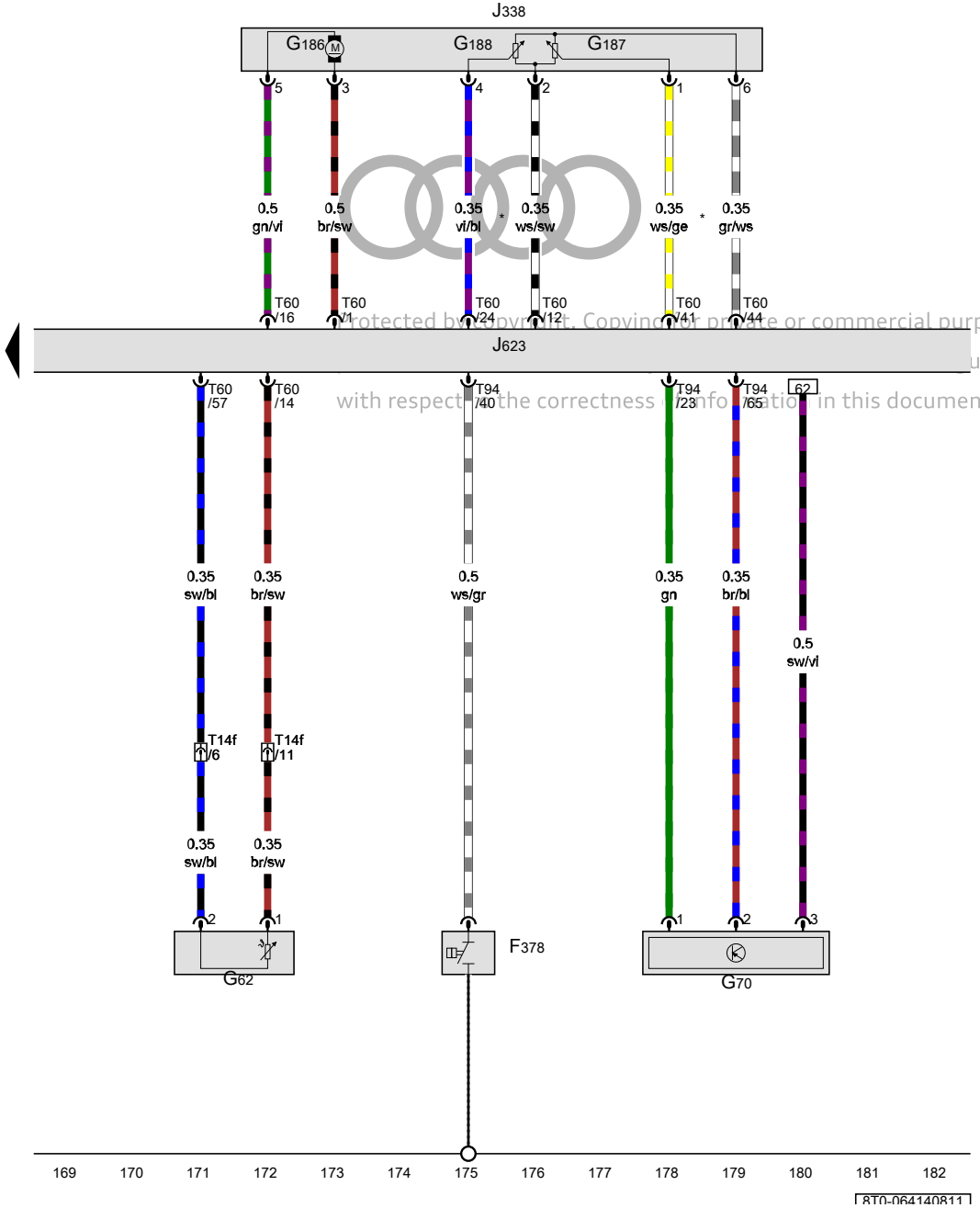


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Oil pressure switch for reduced oil pressure, Throttle valve module

F378	Oil pressure switch for reduced oil pressure
G62	Coolant temperature sender
G70	Air mass meter
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
T14f	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
*	Wiring colour depends on equipment

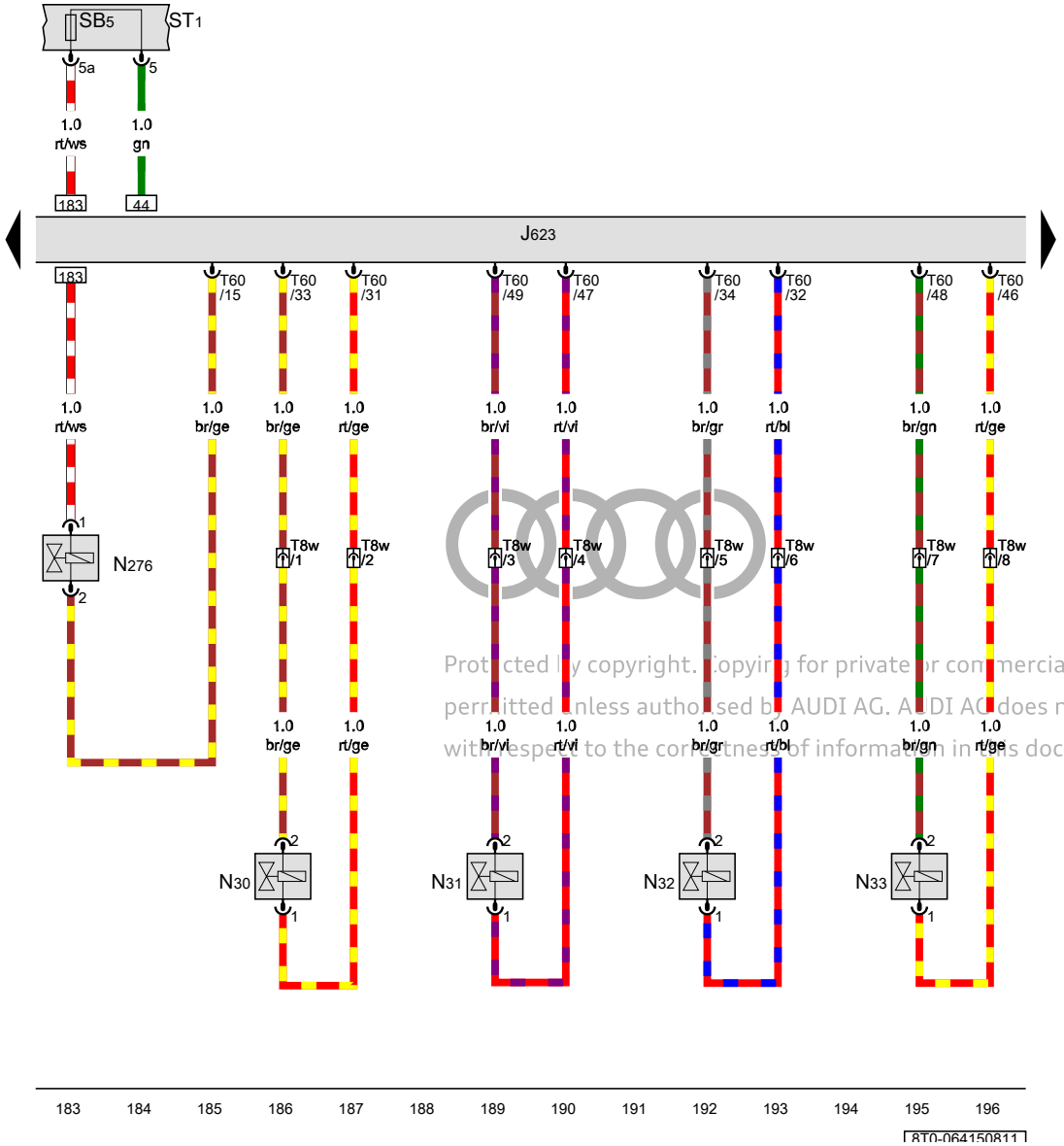


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Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N276	Fuel pressure regulating valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T8w	8-pin connector, in engine compartment
T60	60-pin connector

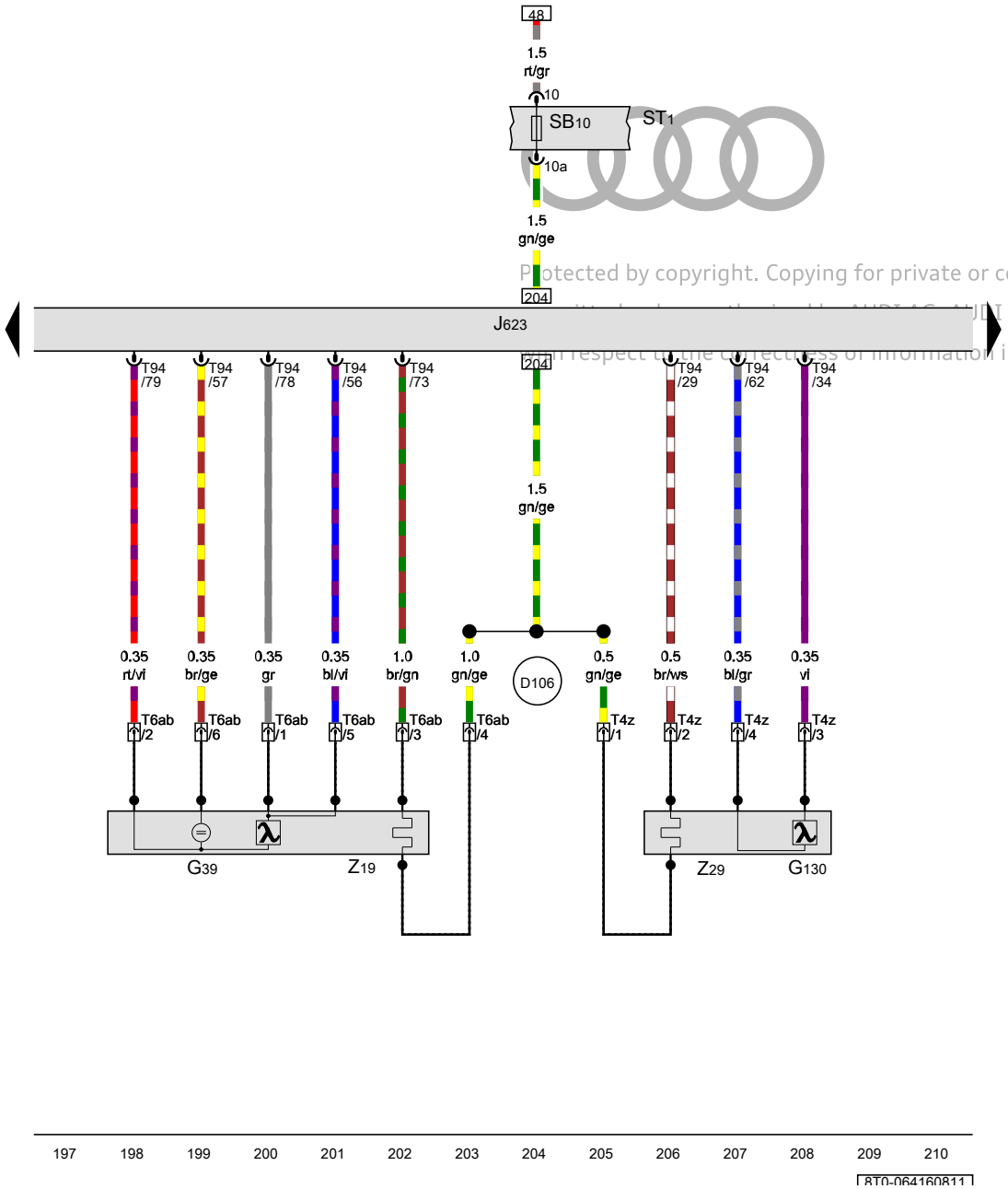


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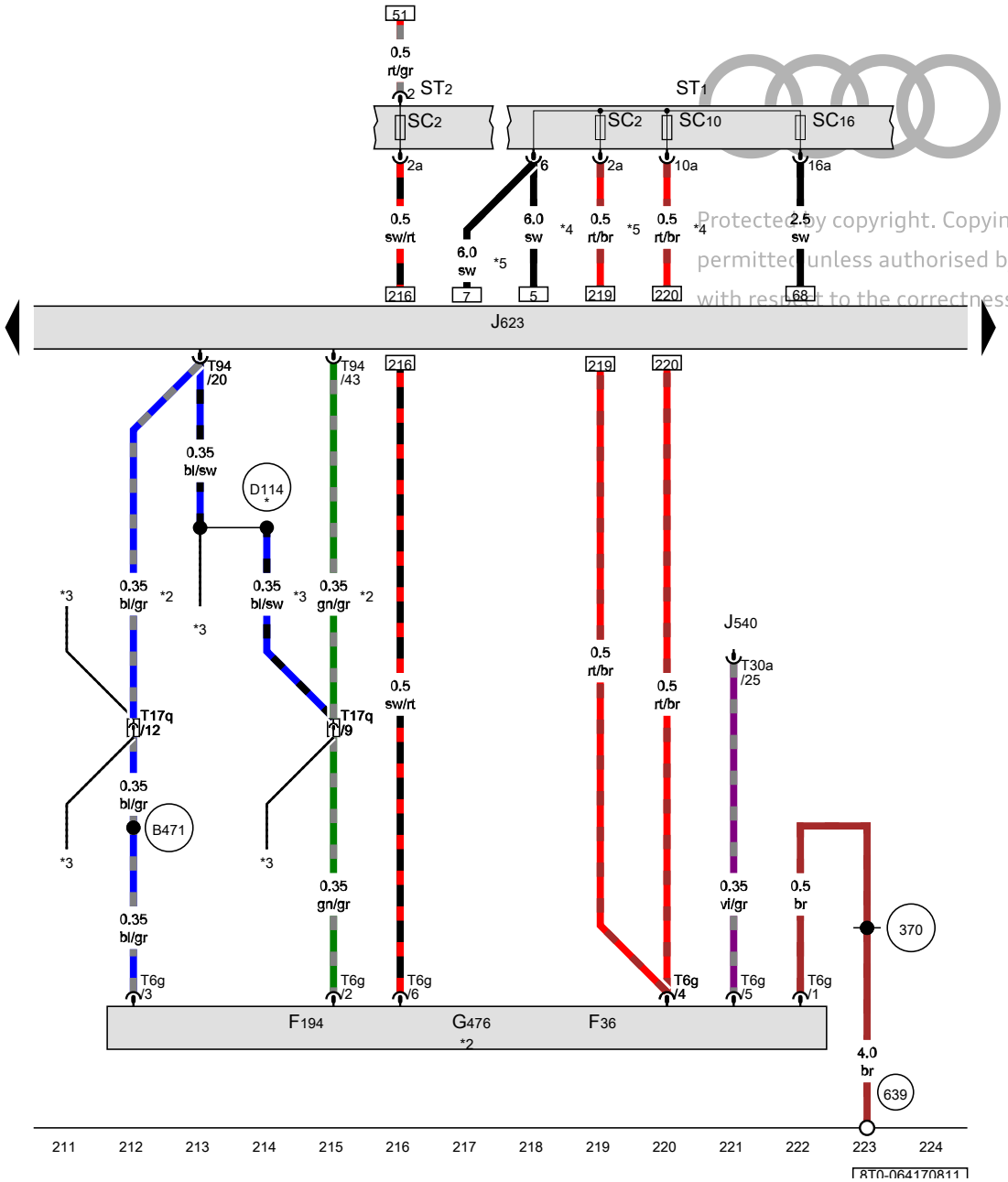
Lambda probe, Lambda probe after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4z	4-pin connector, brown
T6ab	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness



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Clutch position sender

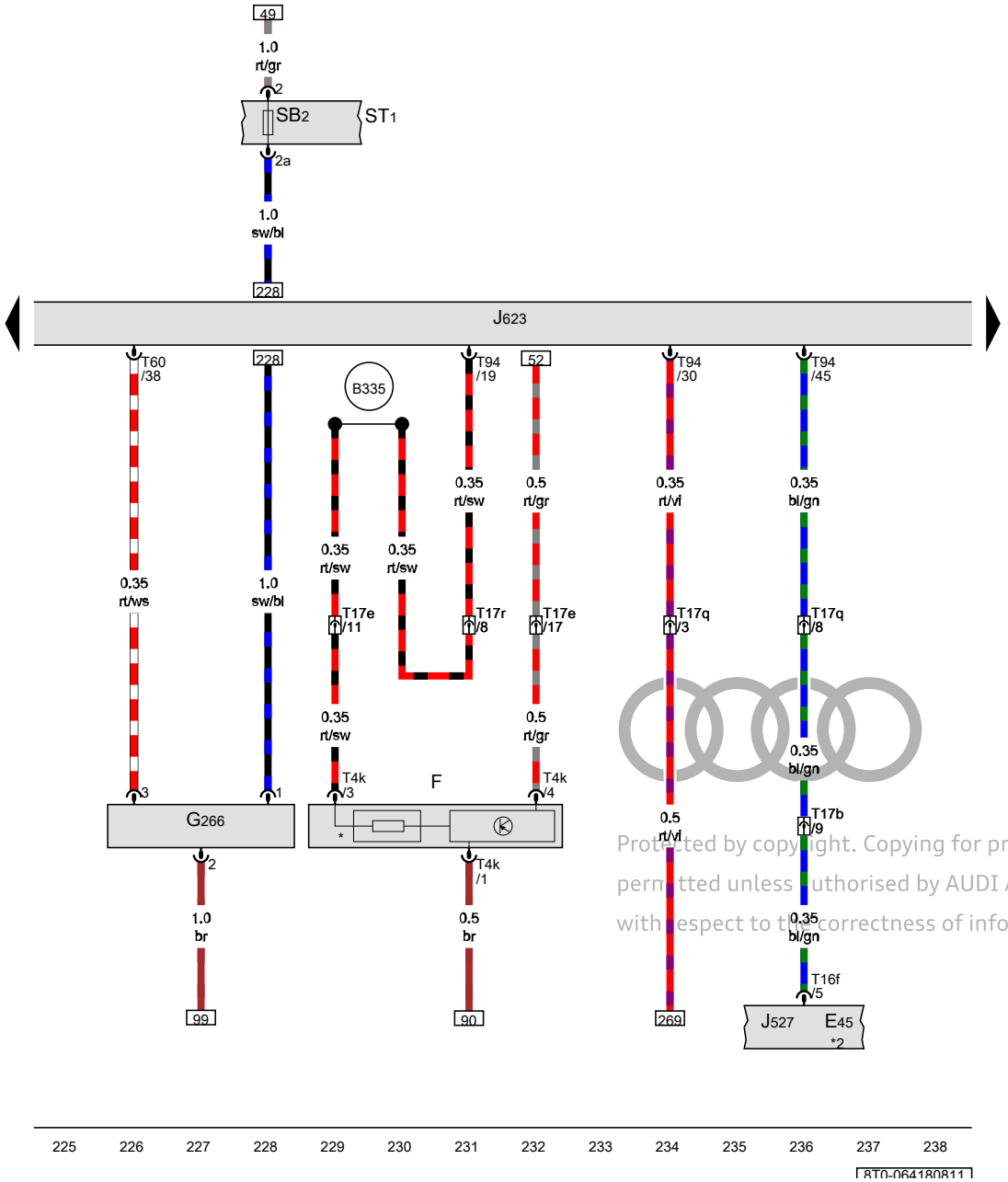
F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	From May 2009
*5	Up to April 2009

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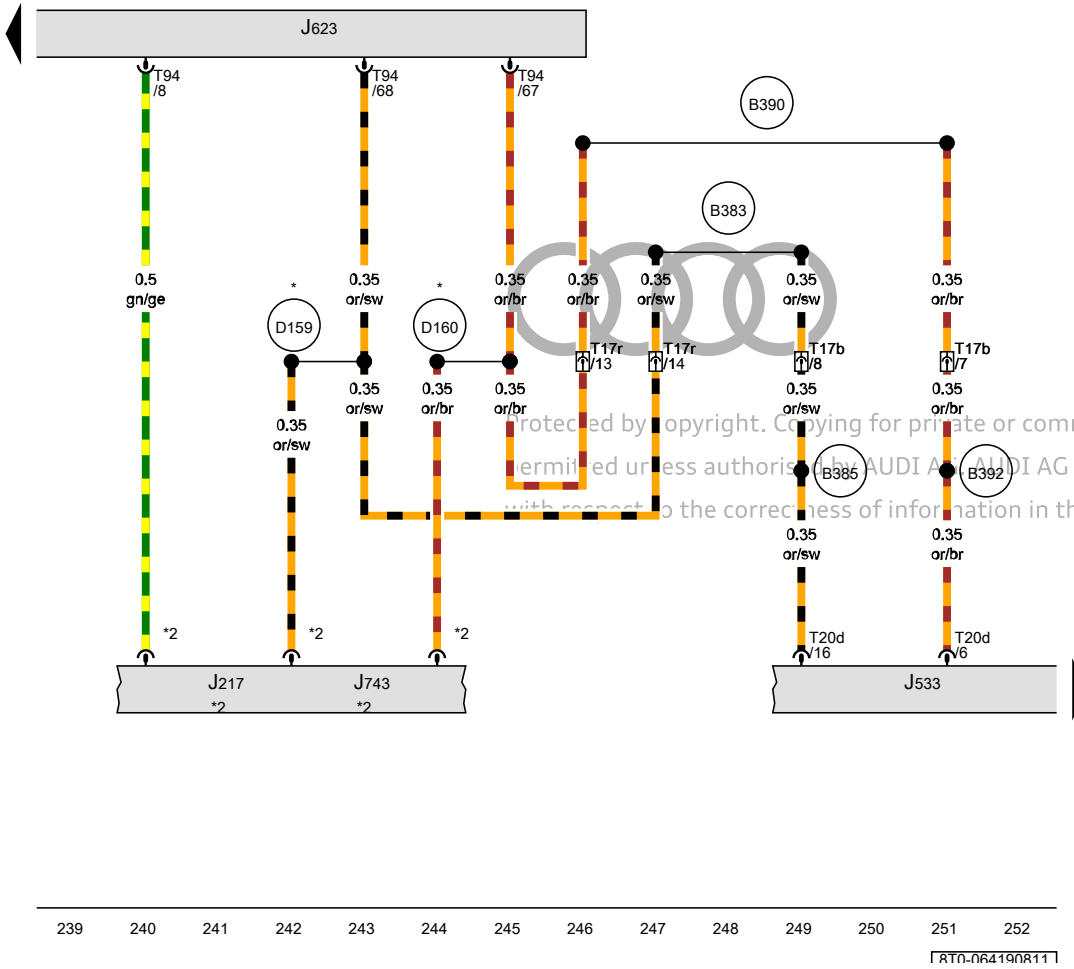
Brake light switch, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T60	60-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)



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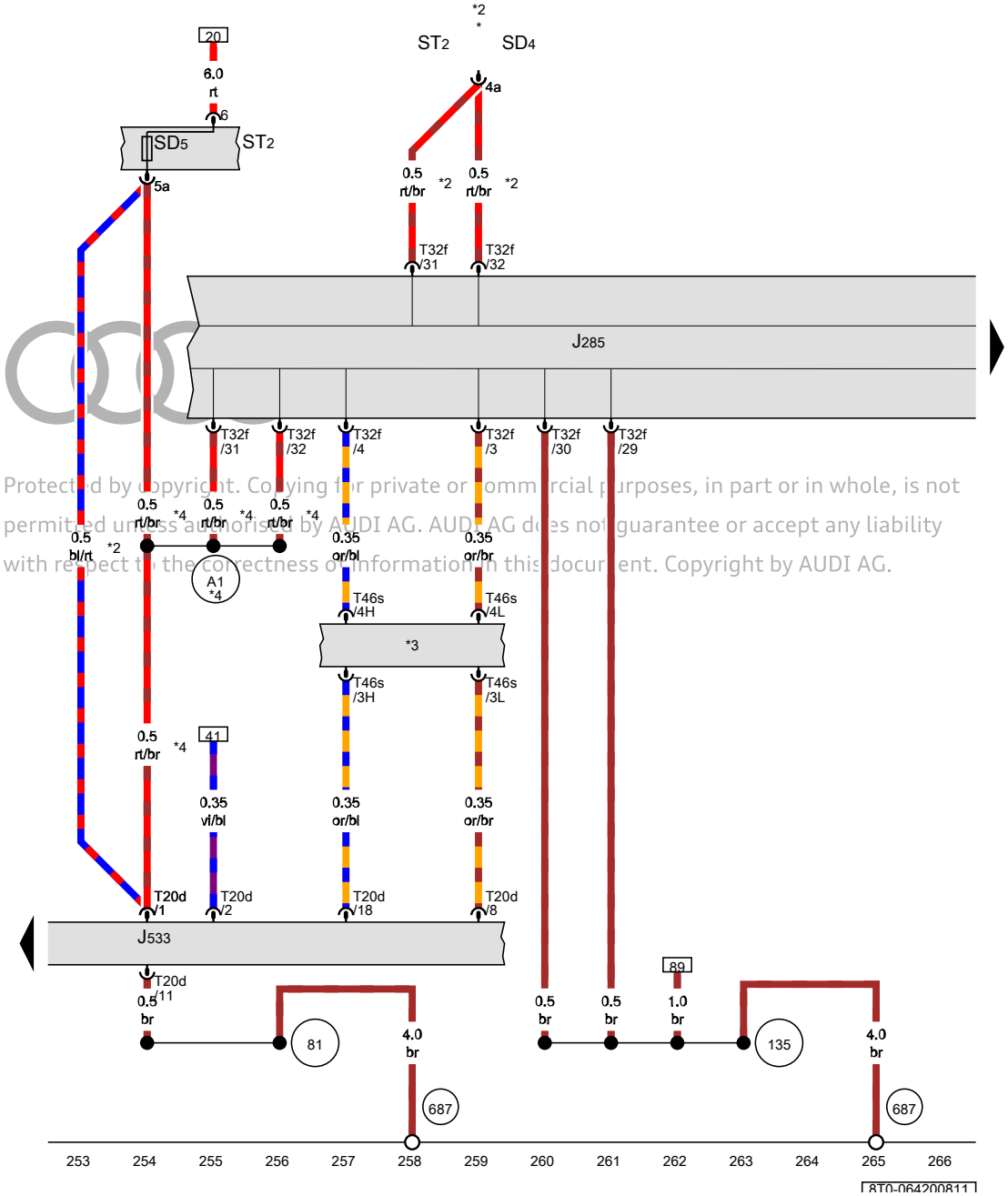


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

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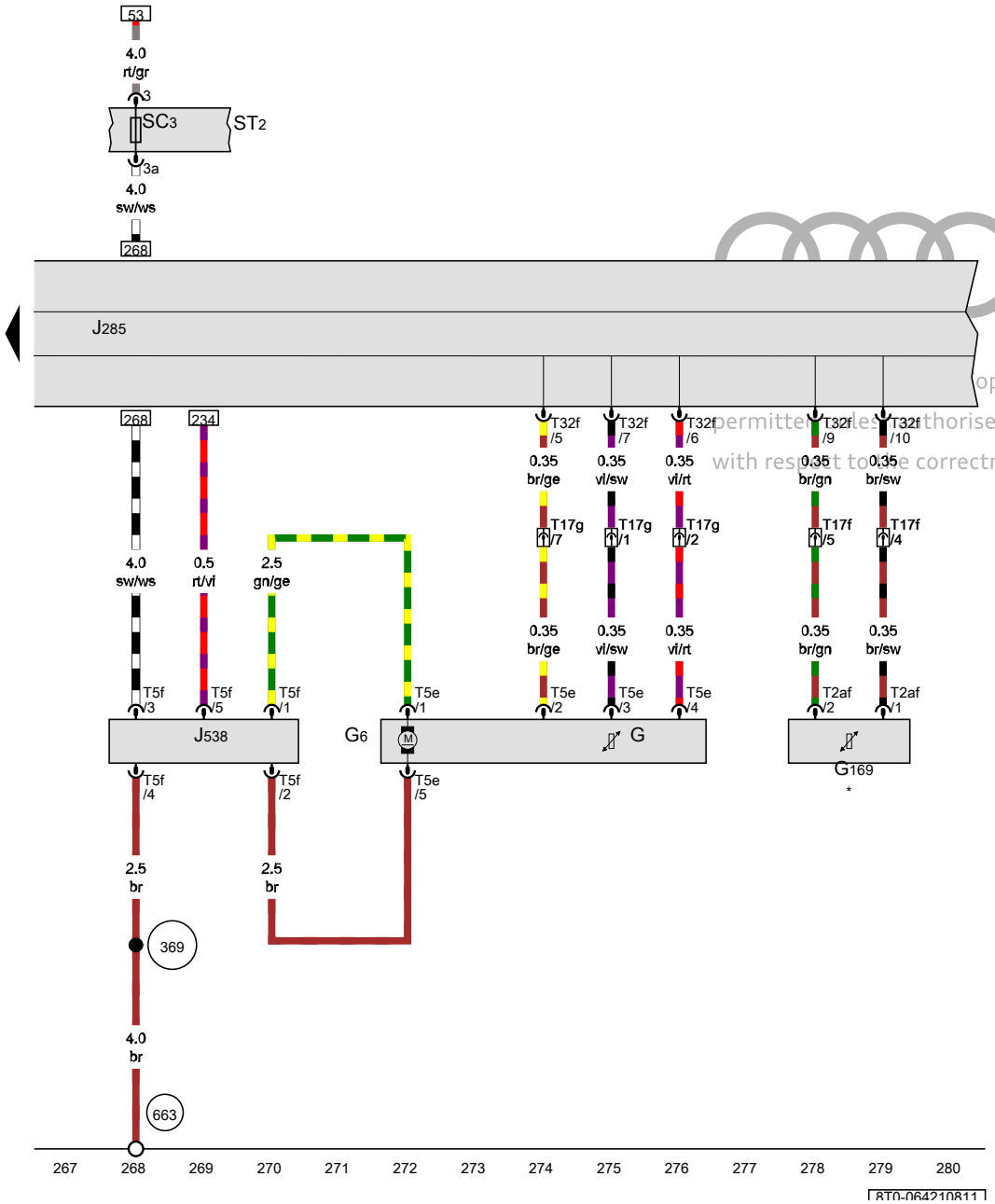
Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	see applicable current flow diagram
*4	Up to April 2009

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Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert, Fuel pump control unit

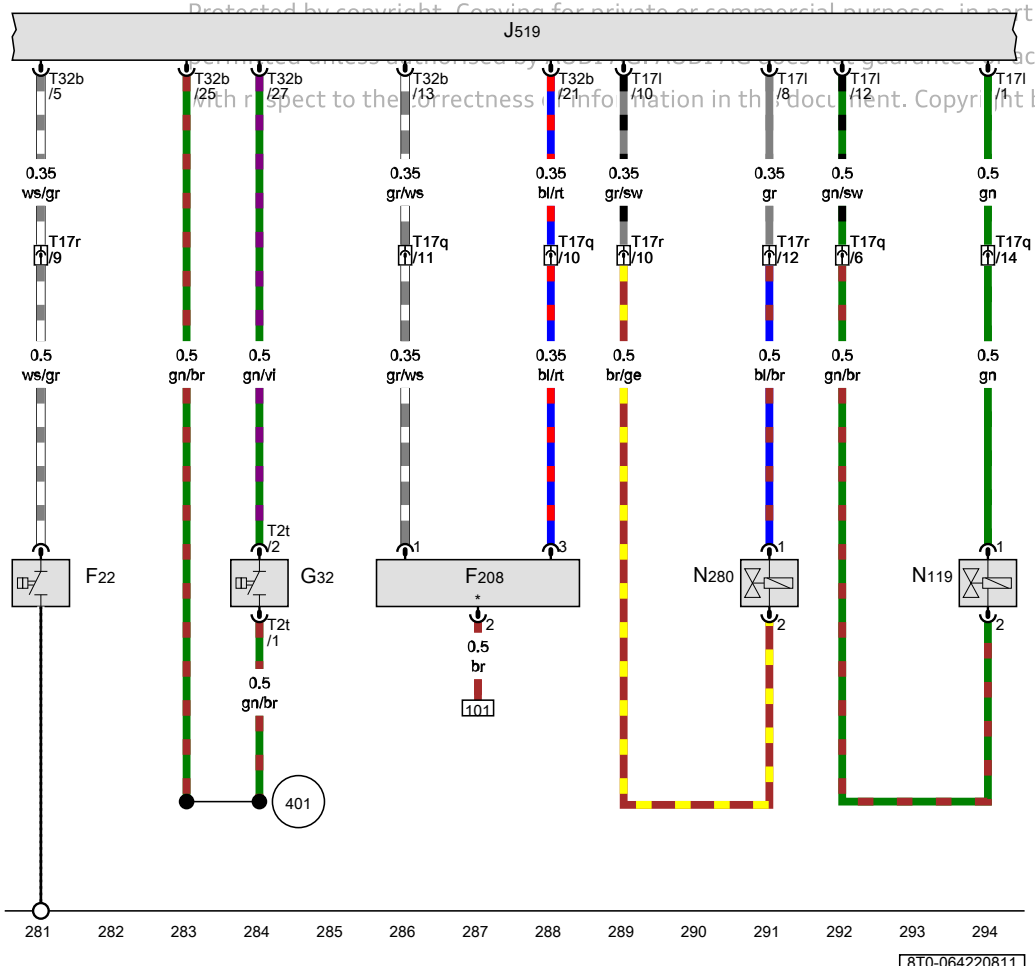
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive



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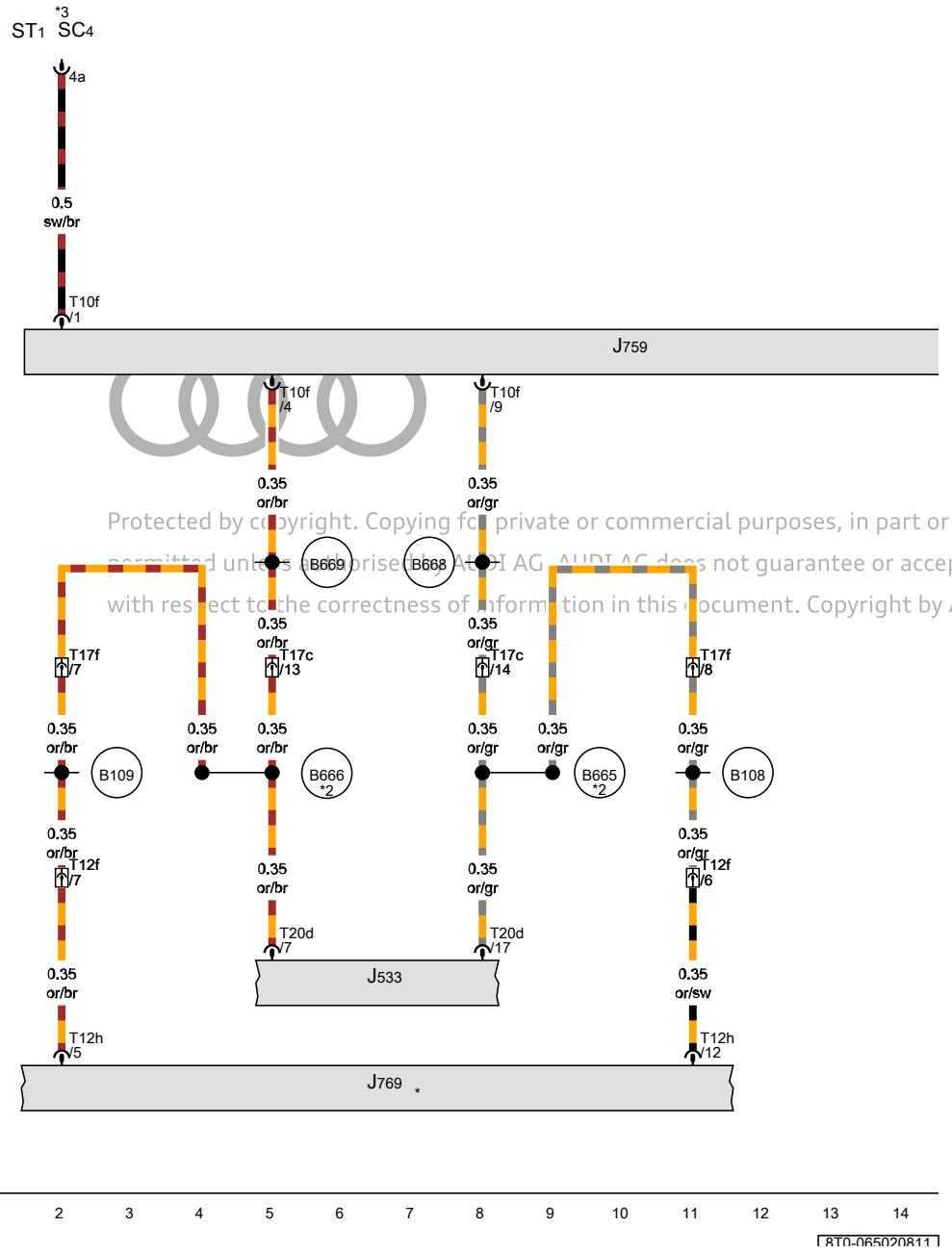
Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox

Lane departure warning

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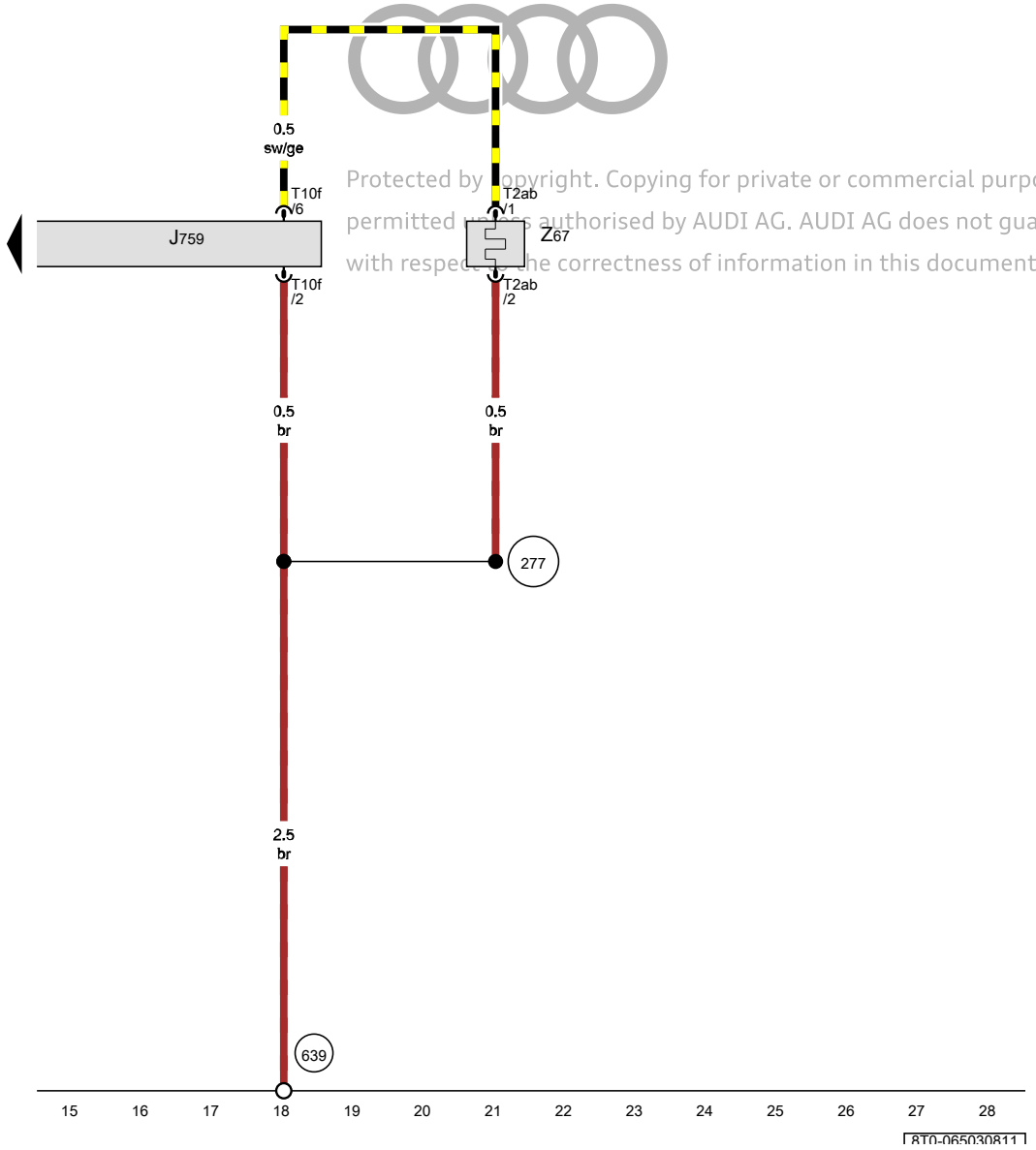
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Data bus diagnostic interface, Lane departure warning control unit

J533	Data bus diagnostic interface
J759	Lane departure warning control unit
J769	Lane change assist control unit
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T10f	10-pin connector
T12f	12-pin connector
T12h	12-pin connector
T17c	17-pin connector, black
T17f	17-pin connector, brown
T20d	20-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
B668	Connection 2 (CAN bus extended high), in main wiring harness
B669	Connection 2 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with lane change assist
*3	see applicable current flow diagram for fuse assignment

Lane departure warning control unit, Windscreen heater for lane departure warning

J759	Lane departure warning control unit
T2ab	2-pin connector
T10f	10-pin connector
Z67	Windscreen heater for lane departure warning
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar



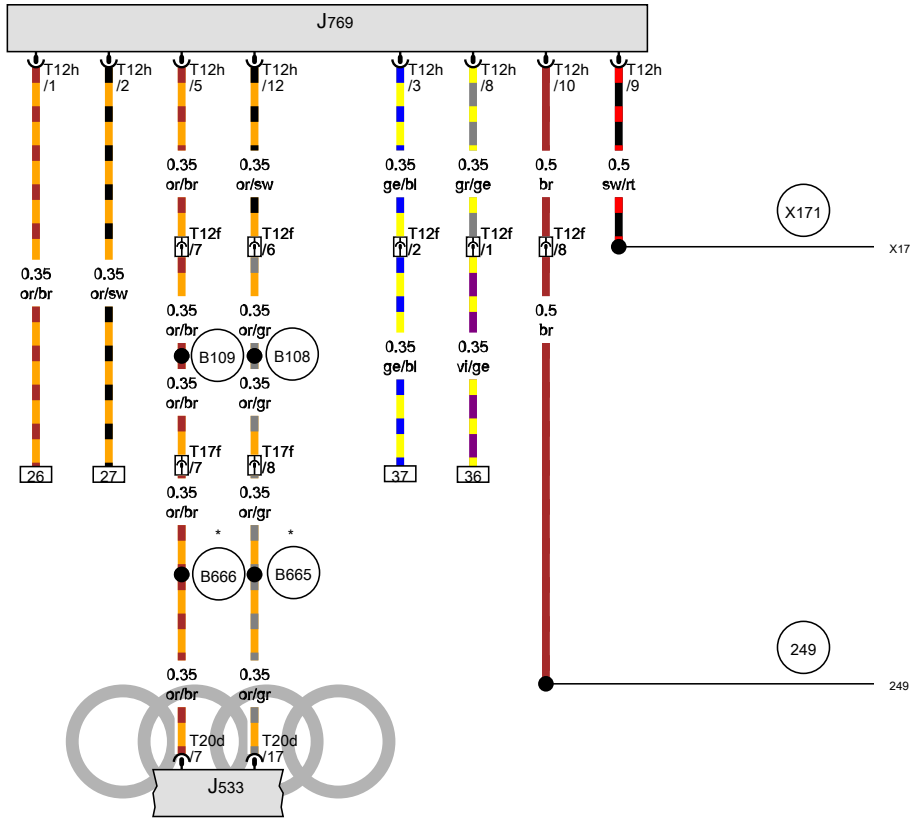
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Lane change assist

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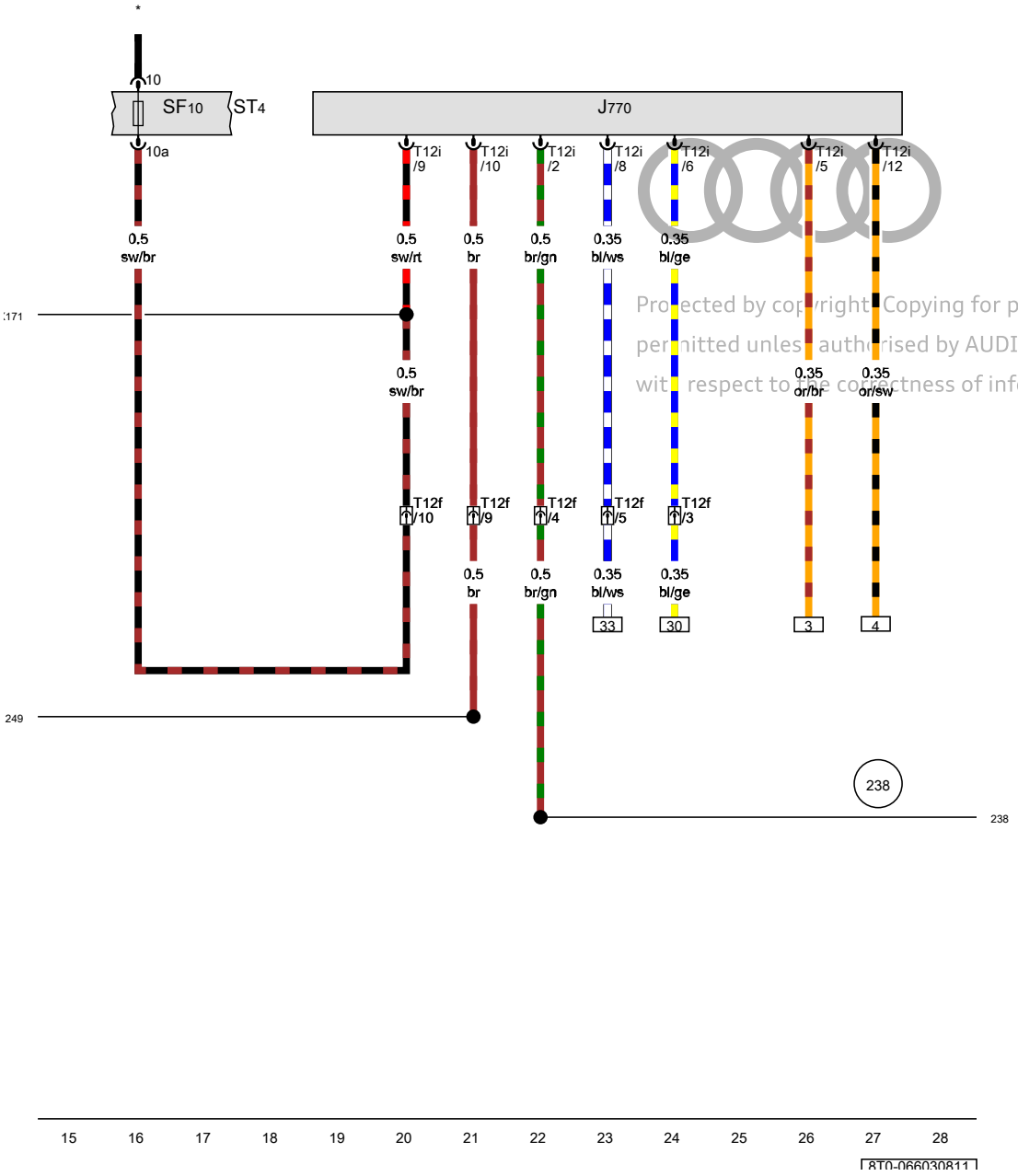
1 2 3 4 5 6 7 8 9 10 11 12 13 14

8T0-0660208111

Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
T12f	12-pin connector
T12h	12-pin connector
T17f	17-pin connector
T20d	20-pin connector
249	Earth connection 2, in interior wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
X171	Connection (15), rear bumper wiring harness
*	Only models with lane departure warning assist

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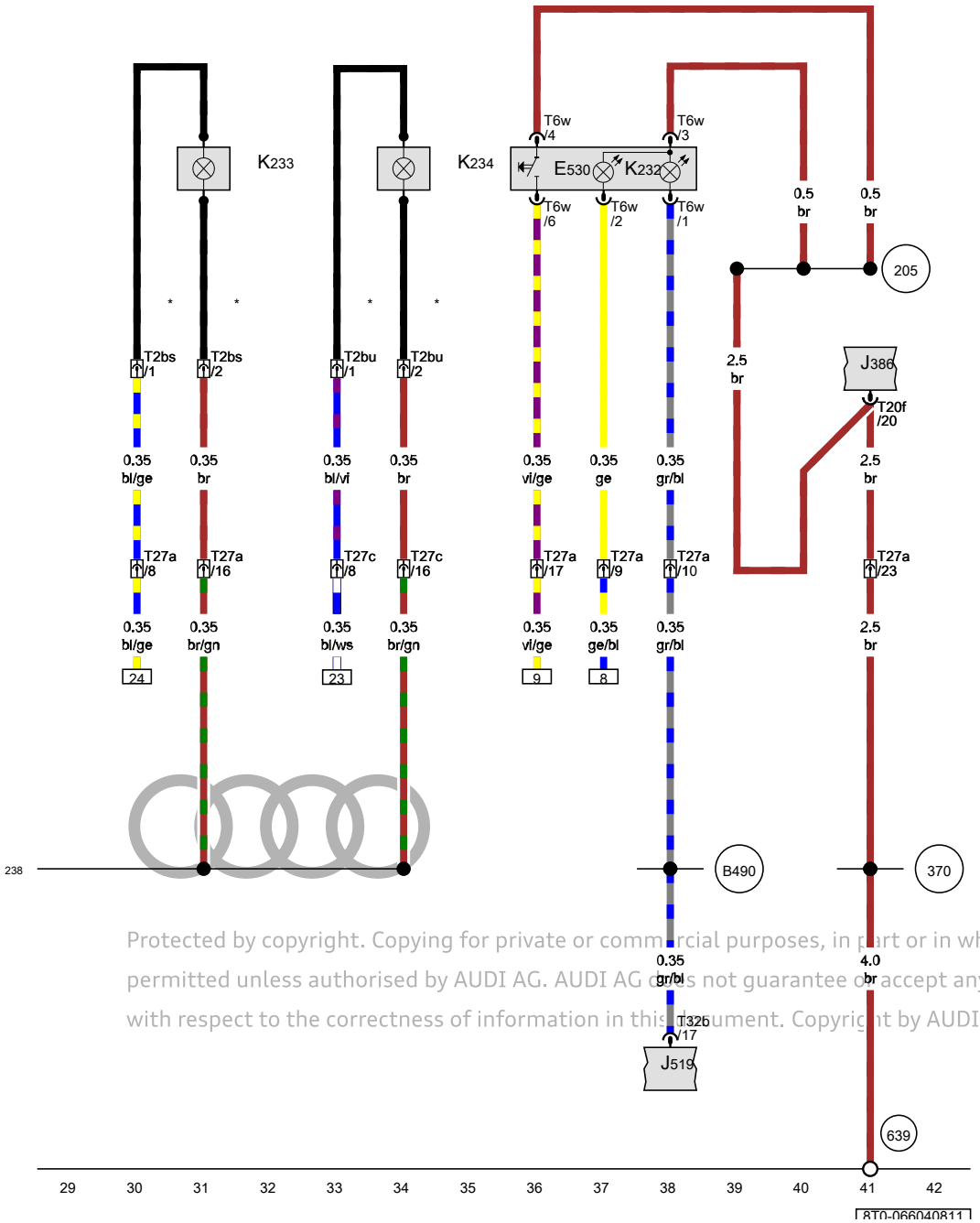


Lane change assist control unit 2

J770	Lane change assist control unit 2
ST4	Fuse carrier 4
SF10	Fuse 10 in fuse holder F
T12f	12-pin connector
T12i	12-pin connector
238	Earth connection 1, in interior wiring harness
249	Earth connection 2, in interior wiring harness
X171	Connection (15), rear bumper wiring harness
*	see applicable current flow diagram for fuse assignment

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Button for lane change assist, Lane change assist warning lamp in driver side exterior mirror, Lane change assist warning lamp in front passenger side exterior mirror

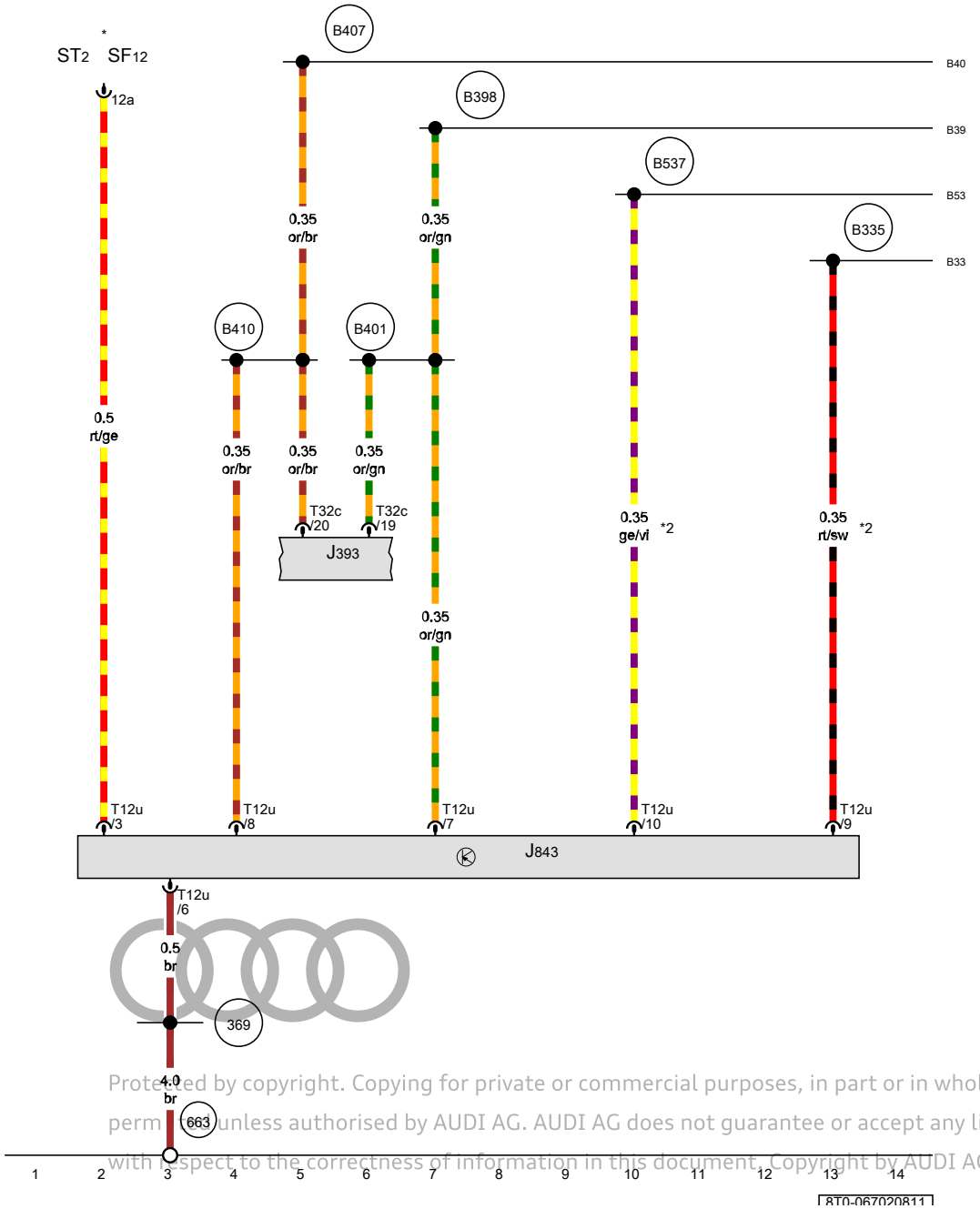
E530	Button for lane change assist
J386	Driver door control unit
J519	Onboard supply control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in front passenger side exterior mirror
T2bs	2-pin connector
T2bu	2-pin connector
T6w	6-pin connector
T20f	20-pin connector
T27a	27-pin connector
T27c	27-pin connector
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
238	Earth connection 1, in interior wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B490	Connection 26, in main wiring harness
*	Adapter wire

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Interface for special functions

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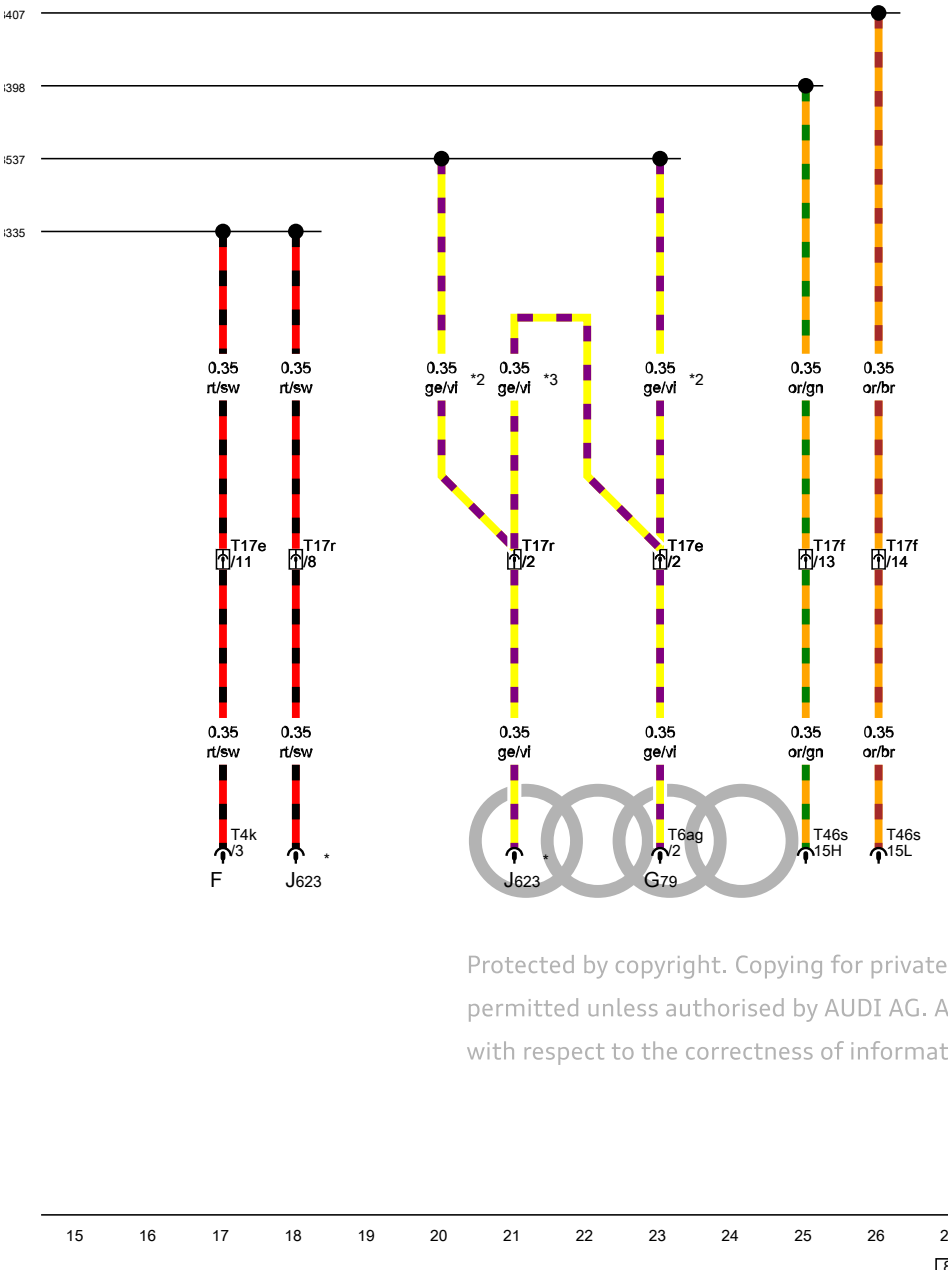


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Convenience system central control unit, Interface control unit for vehicle location system

J393	Convenience system central control unit
J843	Interface control unit for vehicle location system
ST2	Fuse carrier 2
SF12	Fuse 12 in fuse holder F
T12u	12-pin connector
T32c	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
B537	Connection 28, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Gradually discontinued



Brake light switch, Accelerator position sender, Engine control unit

F	Brake light switch
G79	Accelerator position sender
J623	Engine control unit
T4k	4-pin connector
T6ag	6-pin connector
T17e	17-pin connector, red
T17f	17-pin connector, brown
T17r	17-pin connector, white
T46s	46-pin connector
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B537	Connection 28, in main wiring harness
*	see applicable current flow diagram for engine
*2	Gradually discontinued
*3	gradual introduction

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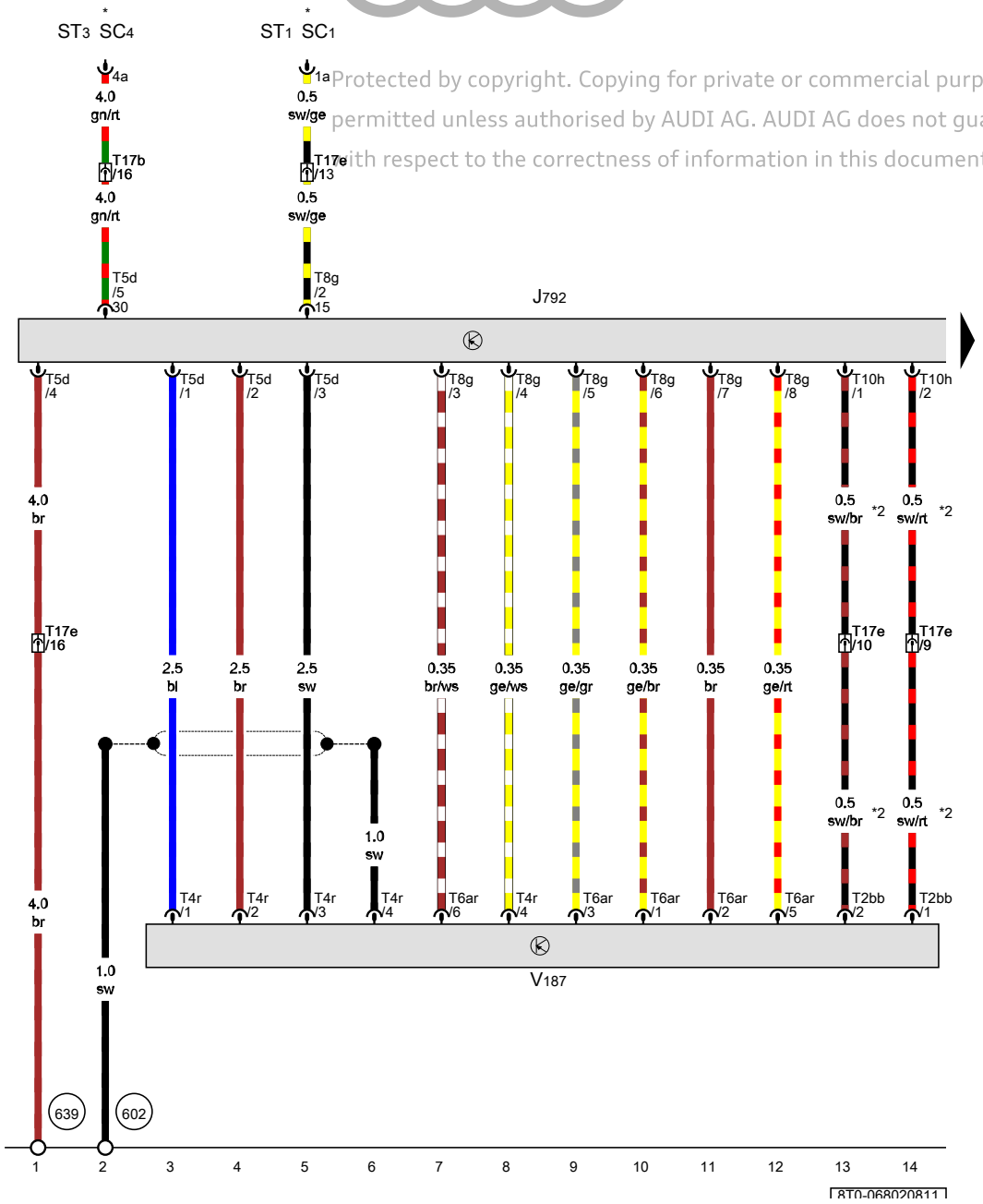
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Active steering (dynamic steering)

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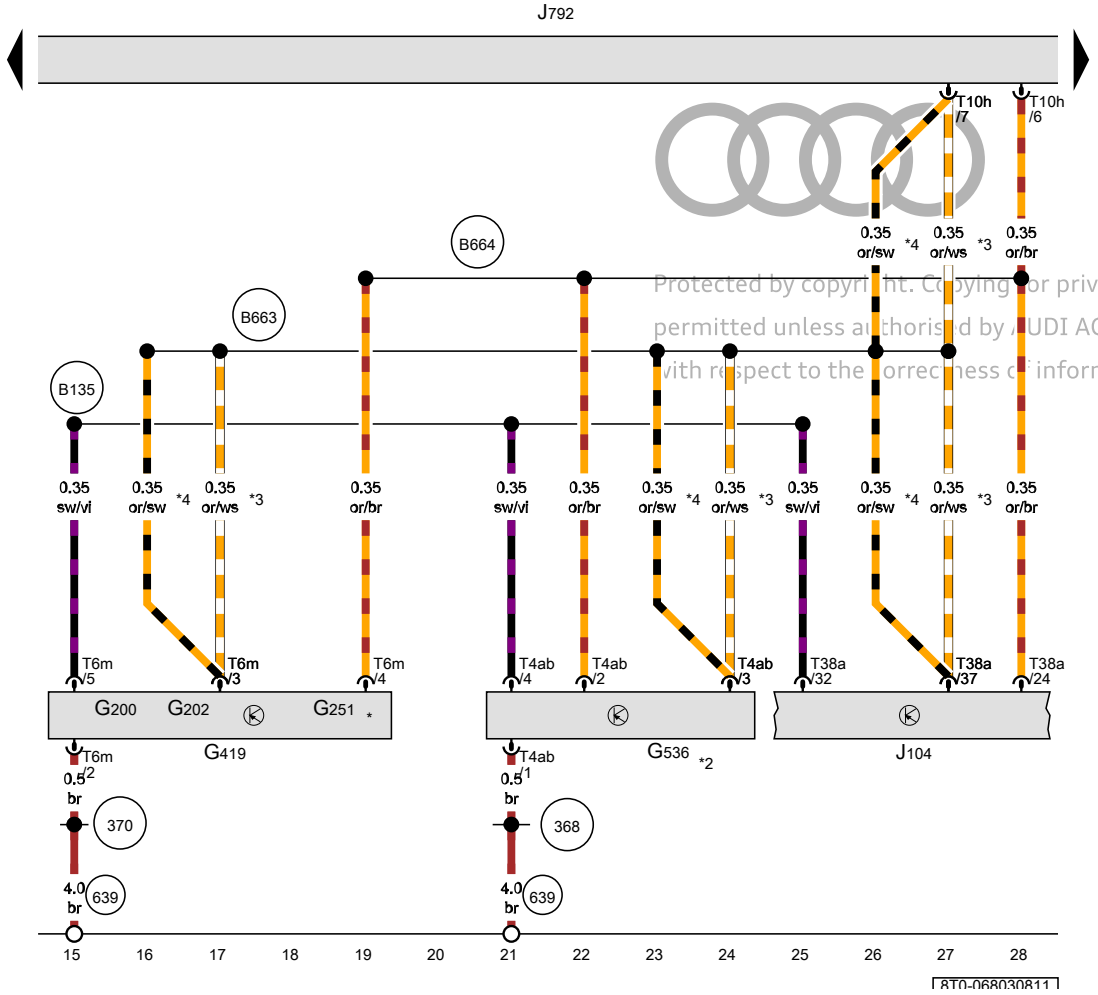


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Active steering control unit, Electromechanical power steering motor

J792	Active steering control unit
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC4	Fuse 4 on fuse holder C
T2bb	2-pin connector
T4r	4-pin connector
T5d	5-pin connector
T6ar	6-pin connector
T8g	8-pin connector
T10h	10-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
V187	Electromechanical power steering motor
602	Earth point, in front left footwell
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	Wiring colour depends on equipment

Lateral acceleration sender, Yaw rate sender, Longitudinal acceleration sender, ESP sensor unit, ESP sensor unit 2, ABS control unit, Active steering control unit



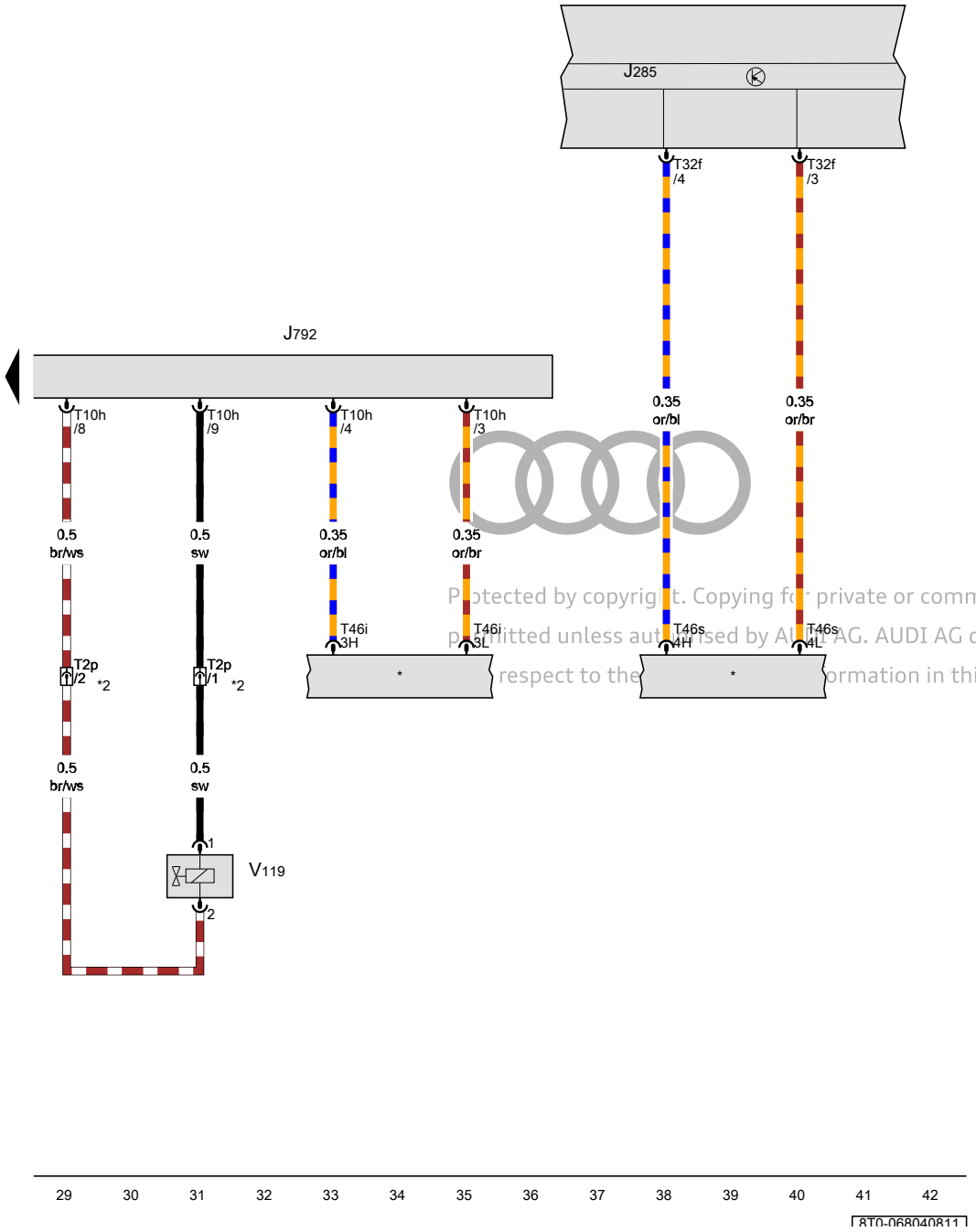
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G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	ESP sensor unit
G536	ESP sensor unit 2
J104	ABS control unit
J792	Active steering control unit
T4ab	4-pin connector
T6m	6-pin connector
T10h	10-pin connector
T38a	38-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B135	Connection 1 (15a), in interior wiring harness
B663	Connection (running gear sensors CAN bus, high), in main wiring harness
B664	Connection (running gear sensors CAN bus, low), in main wiring harness
*	Only models with all-wheel drive
*2	Special equipment
*3	gradual introduction
*4	Gradually discontinued

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Control unit in dash panel insert, Active steering control unit, Steering hydraulics pump

J285	Control unit in dash panel insert
J792	Active steering control unit
T2p	2-pin connector, black
T10h	10-pin connector
T32f	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
V119	Steering hydraulics pump
*	see applicable current flow diagram
*2	Only models with 8-cylinder engine



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Communication, Japan

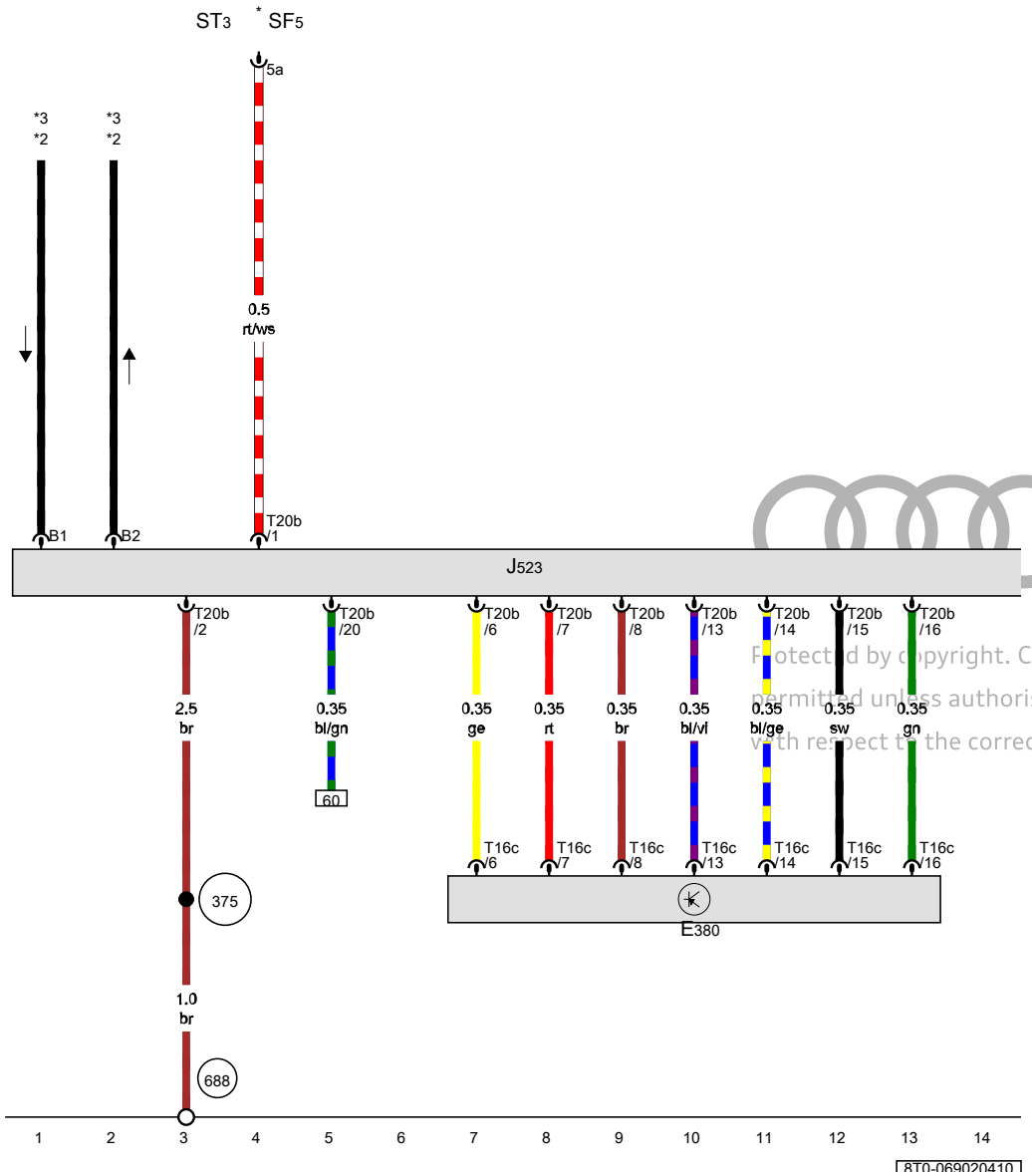
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Control unit for front display and information control panel

E380	Multimedia system operating unit
J523	Control unit for front display and information control panel
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T16c	16-pin connector
T20b	20-pin connector
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for infotainment MOST bus

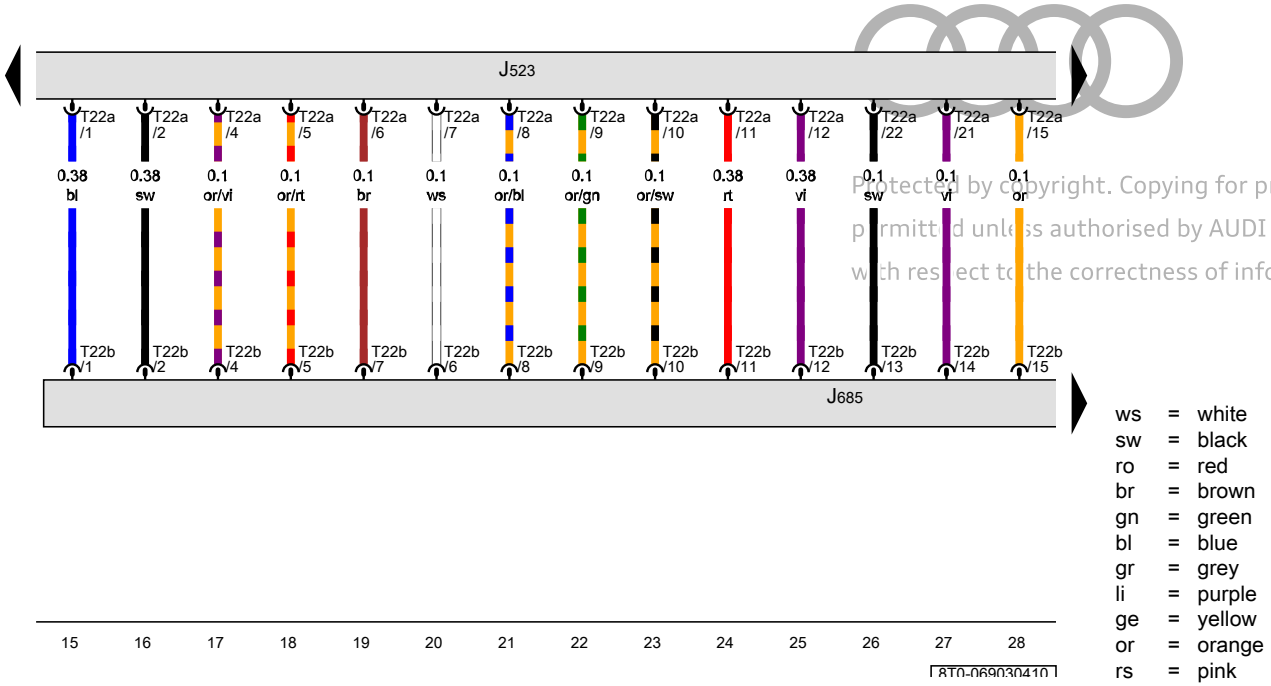


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Control unit for front display and information control panel, Display unit for front information display and operating unit control unit

J523 Control unit for front display and information control panel
J685 Display unit for front information display and operating unit control unit
T22a 22-pin connector
T22b 22-pin connector



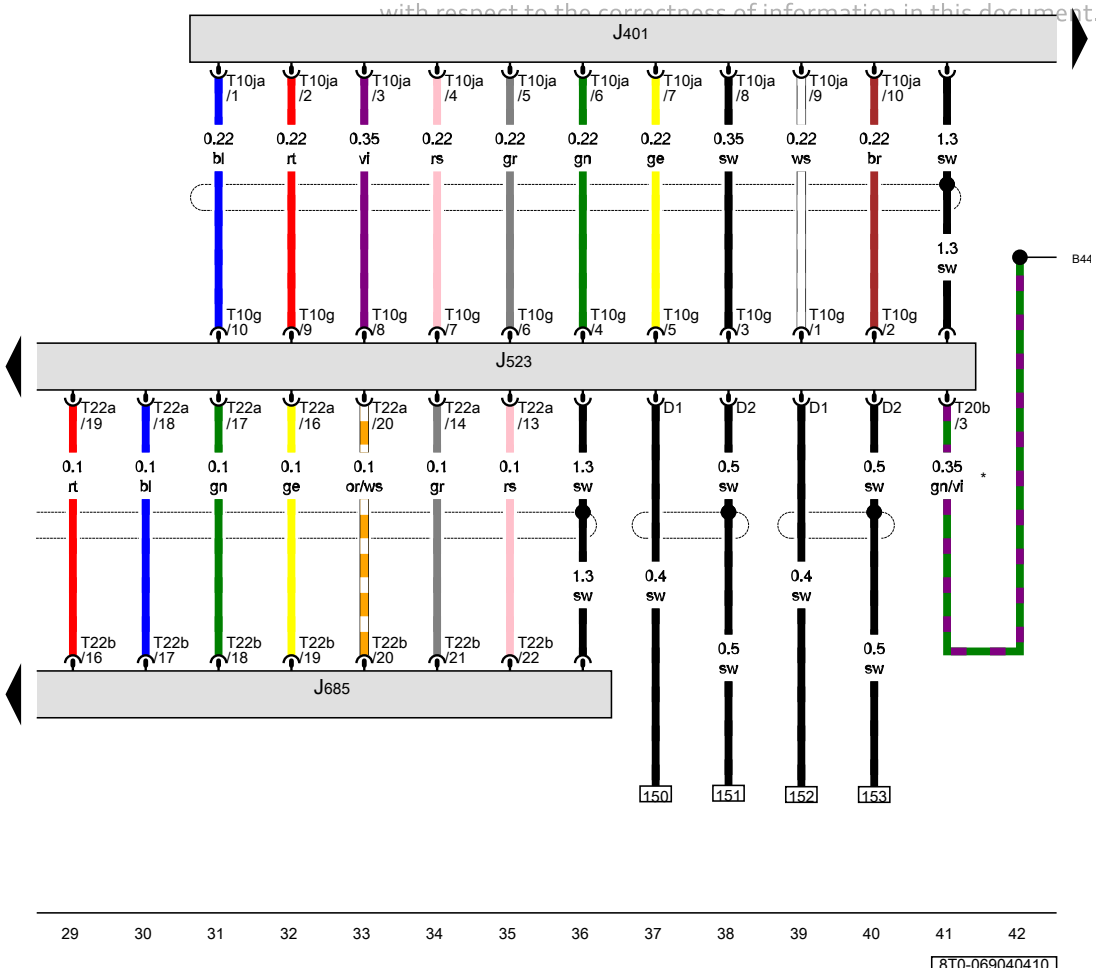
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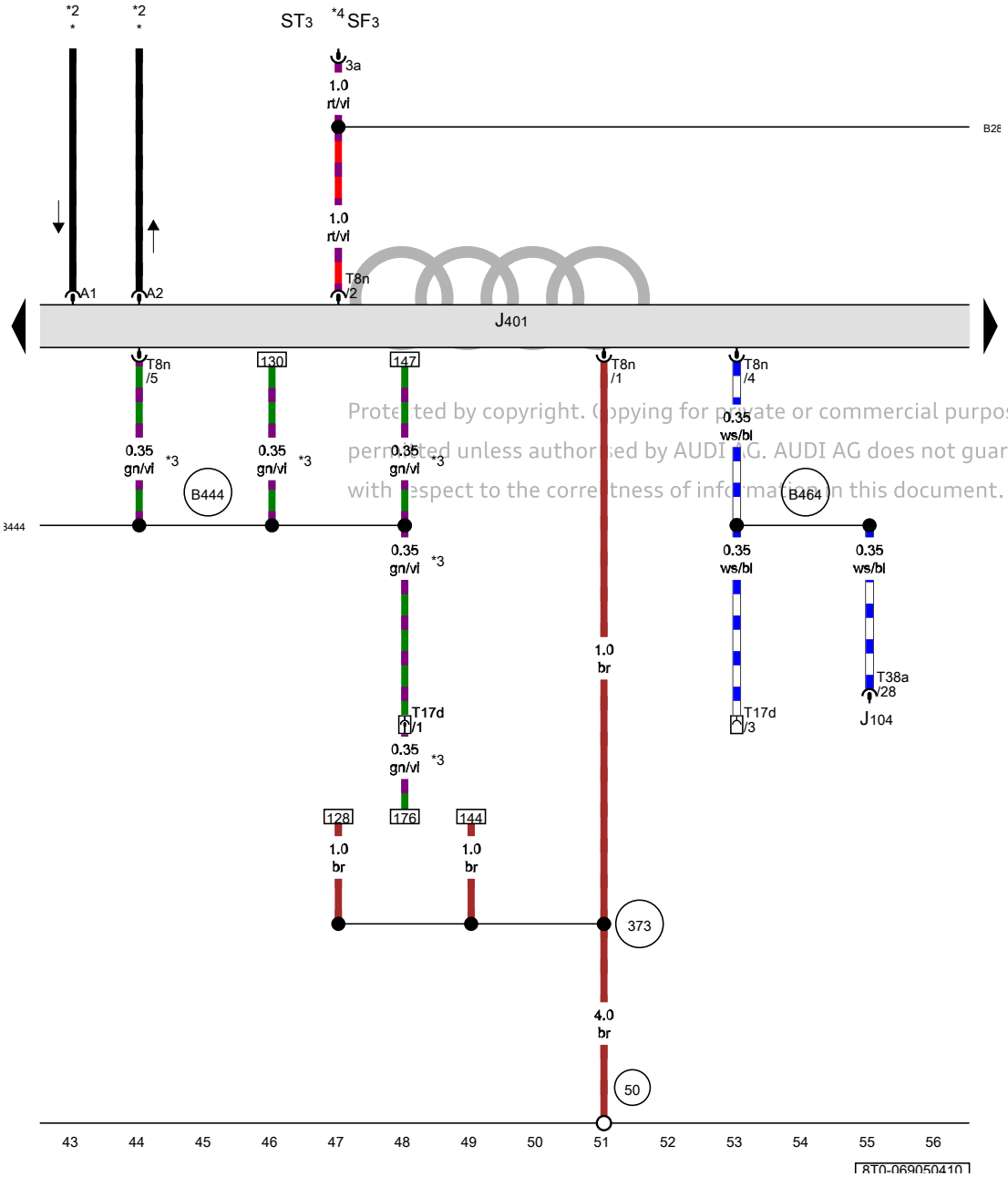
Navigation system with CD drive control unit, Control unit for front display and information control panel, Display unit for front information display and operating unit control unit

J401	Navigation system with CD drive control unit
J523	Control unit for front display and information control panel
J685	Display unit for front information display and operating unit control unit
T10g	10-pin connector
T10ja	10-pin connector
T20b	20-pin connector
T22a	22-pin connector
T22b	22-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for ring circuit break diagnostic

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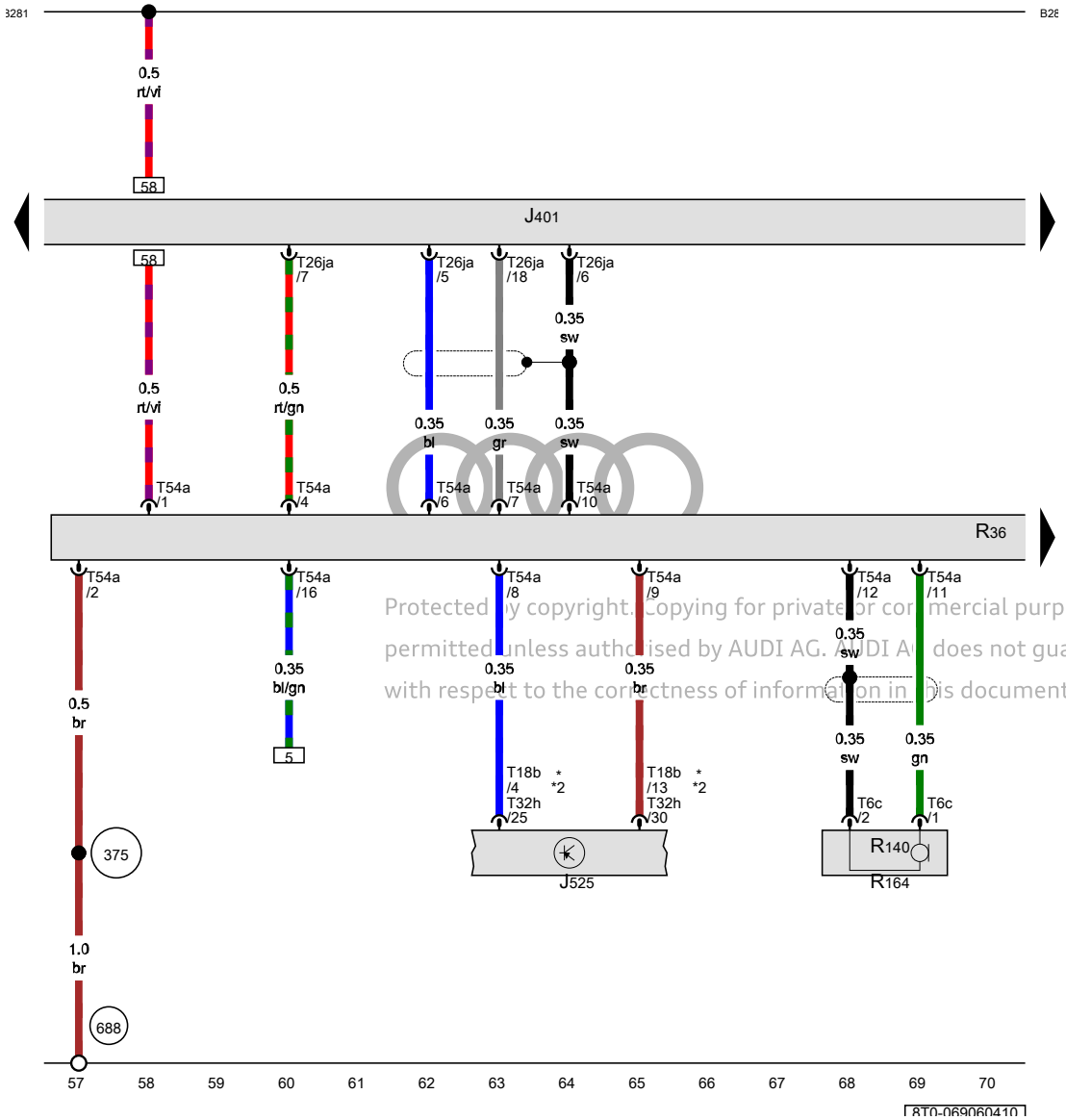
Navigation system with CD drive control unit

J104	ABS control unit
J401	Navigation system with CD drive control unit
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T8n	8-pin connector
T17d	17-pin connector, brown
T38a	38-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B464	Connection (speed signal), in main wiring harness
*	Fibre optic cable (FOC)
*2	see applicable current flow diagram for infotainment MOST bus
*3	see applicable current flow diagram for ring circuit break diagnostic
*4	see applicable current flow diagram for fuse assignment

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Navigation system with CD drive control unit, Microphone unit in front roof module

J401	Navigation system with CD drive control unit
J525	Digital sound package control unit
R36	Telephone transmitter and receiver unit
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T18b	18-pin connector
T26ja	26-pin connector
T54a	54-pin connector
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram



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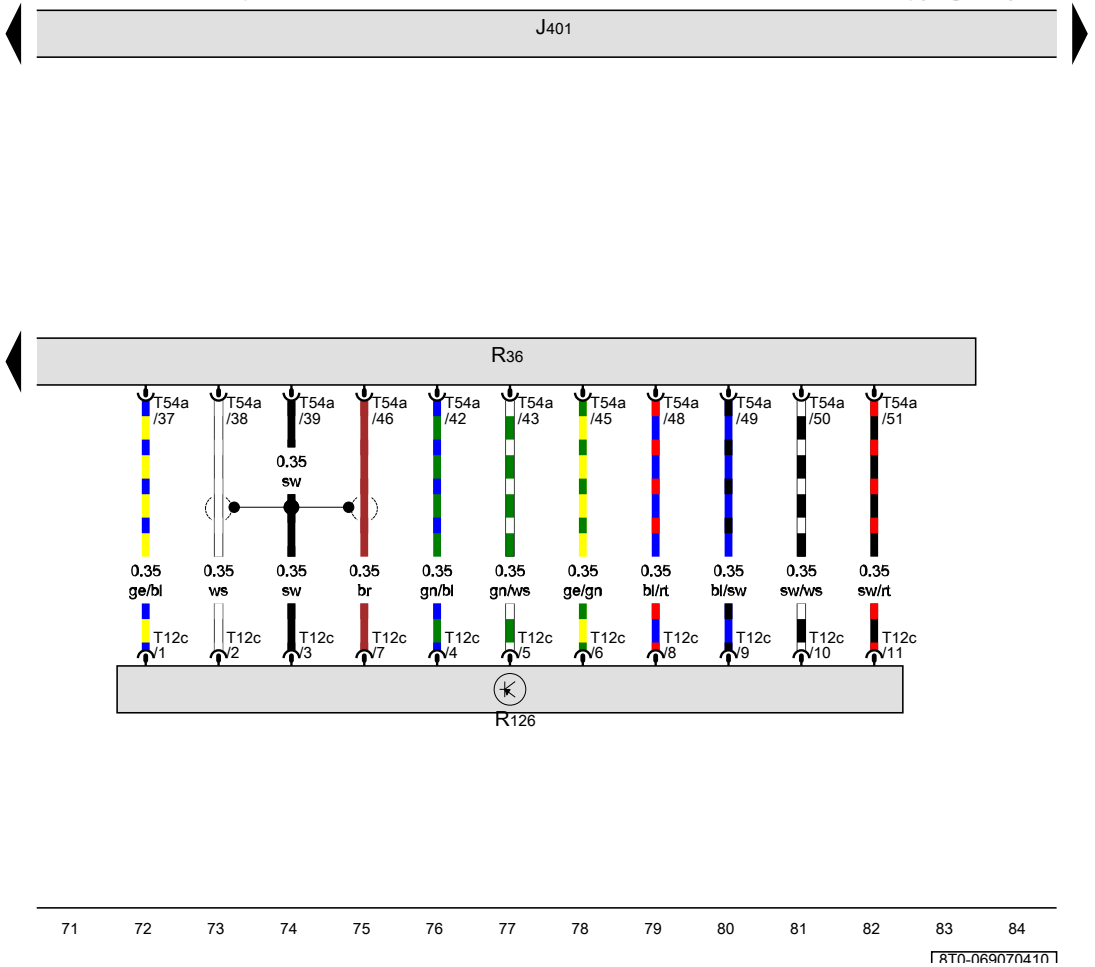
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Navigation system with CD drive control unit

J401	Navigation system with CD drive control unit
R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T12c	12-pin connector
T54a	54-pin connector
B281	Positive connection 5 (15a) in main wiring harness



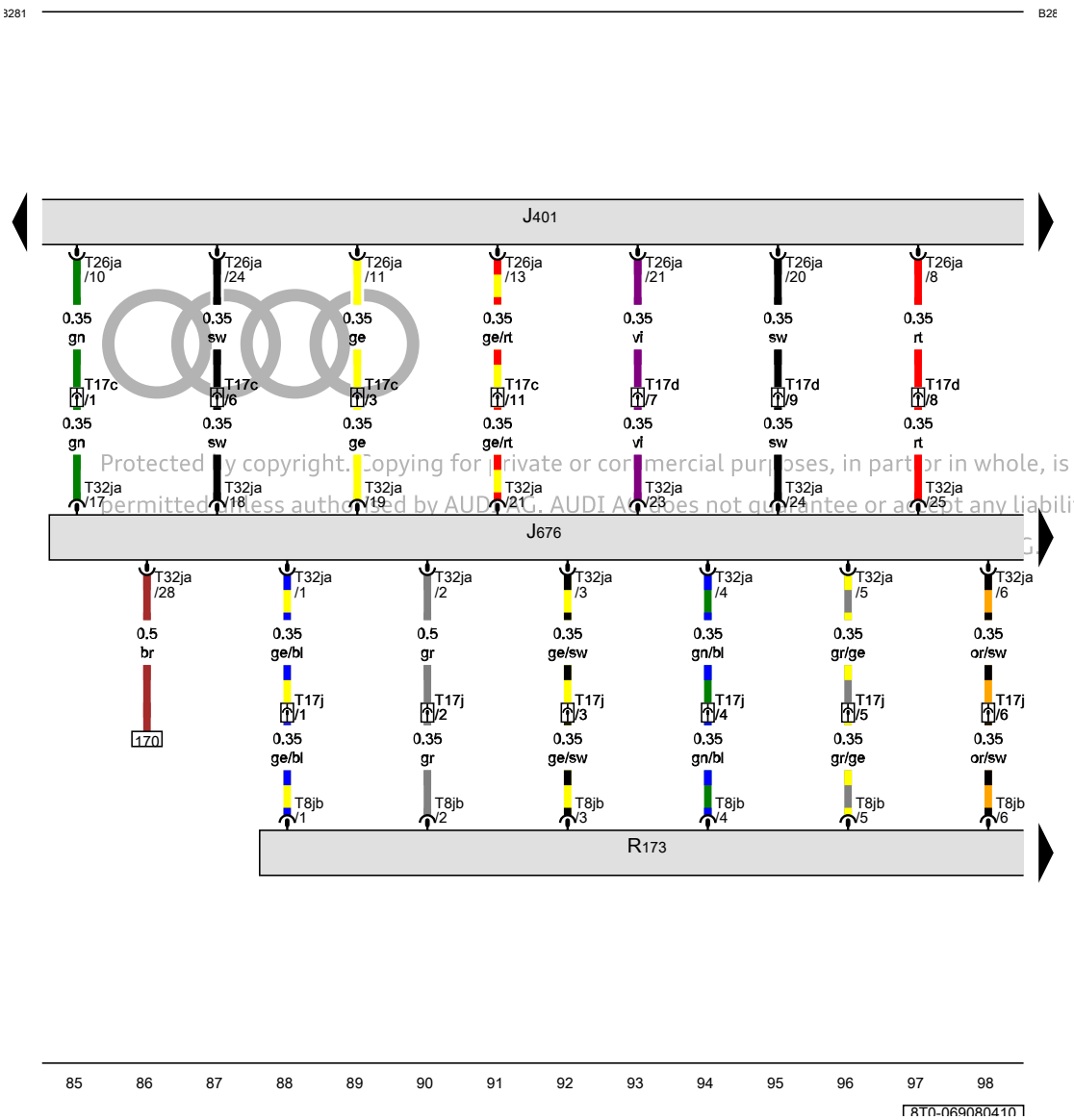
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Navigation system with CD drive control unit, Chip card reader control unit

J401	Navigation system with CD drive control unit
J676	Chip card reader control unit
R173	Traffic data aerial
T8jb	8-pin connector
T17c	17-pin connector, black
T17d	17-pin connector, brown
T17j	17-pin connector, green
T26ja	26-pin connector
T32ja	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness

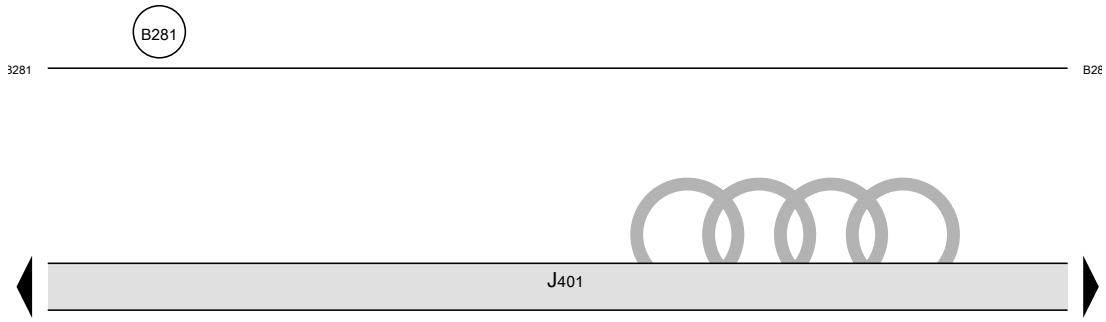


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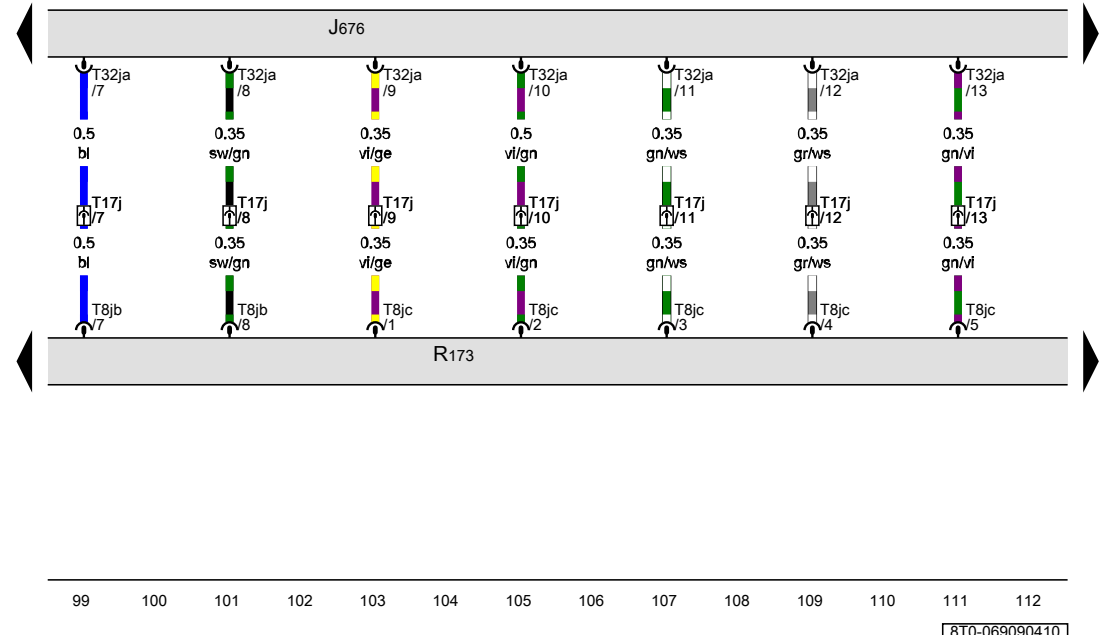
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Navigation system with CD drive control unit, Chip card reader control unit

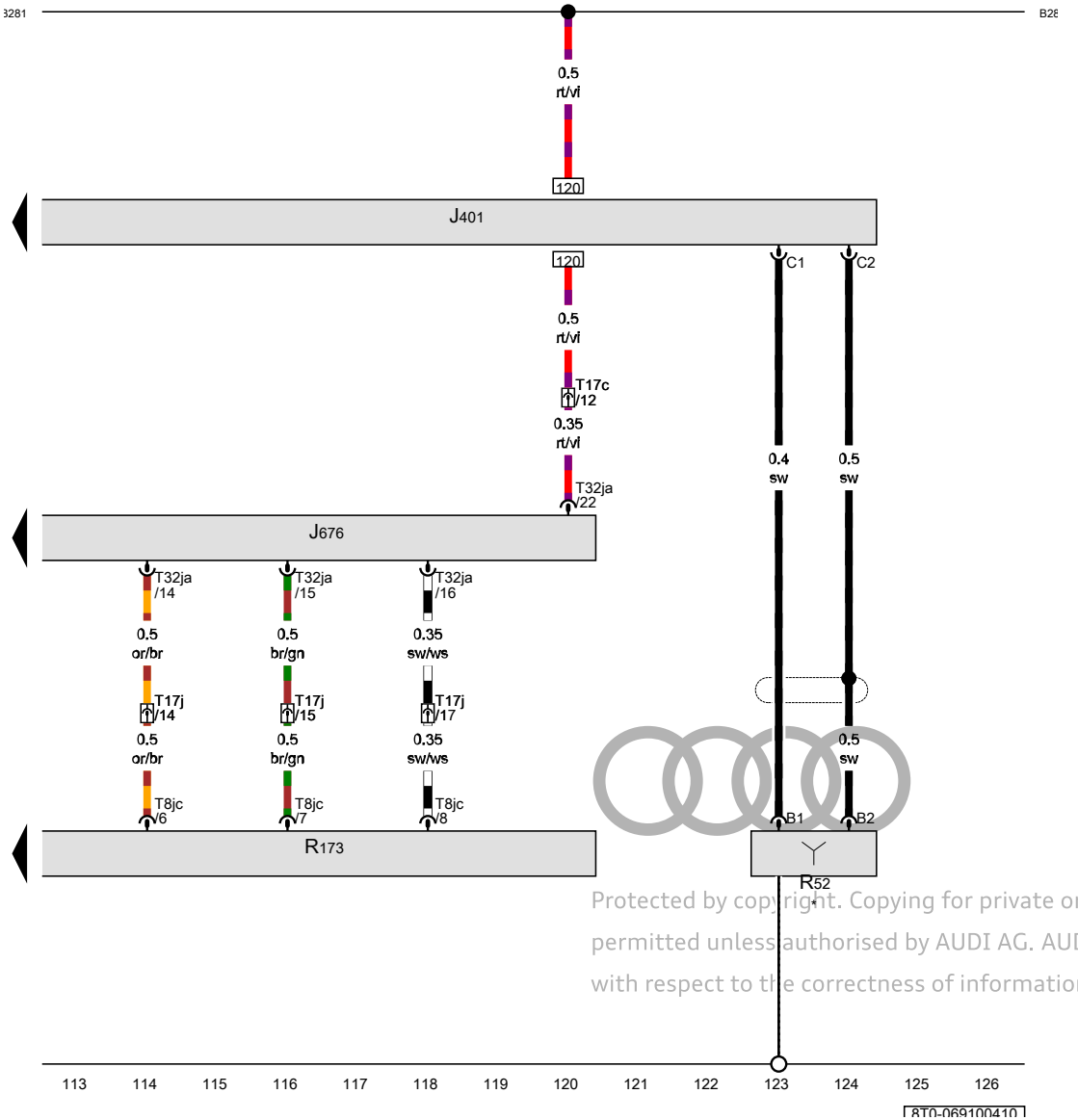
J401	Navigation system with CD drive control unit
J676	Chip card reader control unit
R173	Traffic data aerial
T8jb	8-pin connector
T8jc	8-pin connector
T17j	17-pin connector, green
T32ja	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness



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Navigation system with CD drive control unit, Chip card reader control unit

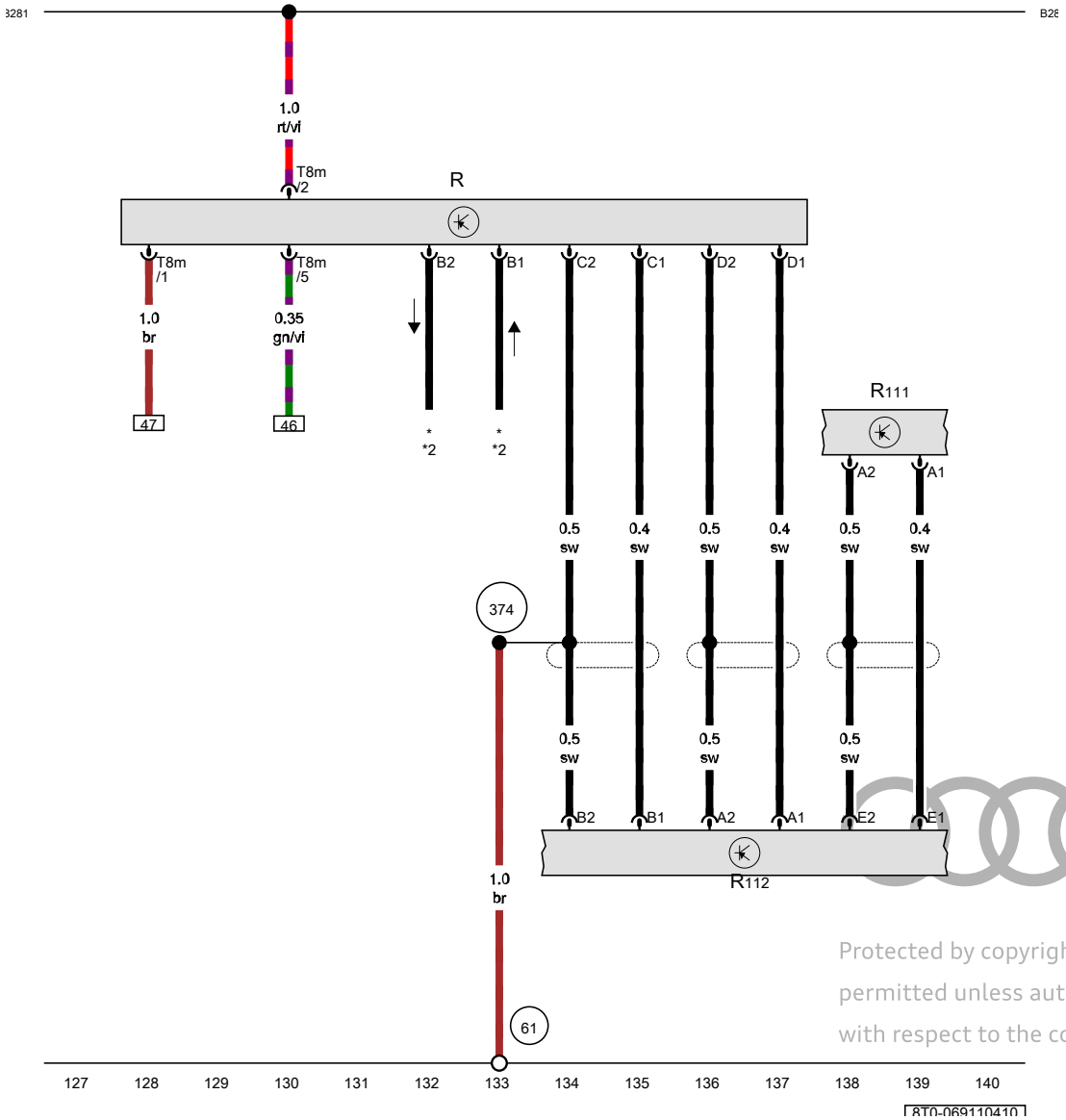
J401	Navigation system with CD drive control unit
J676	Chip card reader control unit
R52	Radio, telephone and navigation system aerial
R173	Traffic data aerial
T8jc	8-pin connector
T17c	17-pin connector, black
T17j	17-pin connector, green
T32ja	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	Roof aerial

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Radio, Aerial amplifier 3

R	Radio
R111	Aerial amplifier 2
R112	Aerial amplifier 3
T8m	8-pin connector
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Fibre optic cable (FOC)
*2	see applicable current flow diagram for infotainment MOST bus

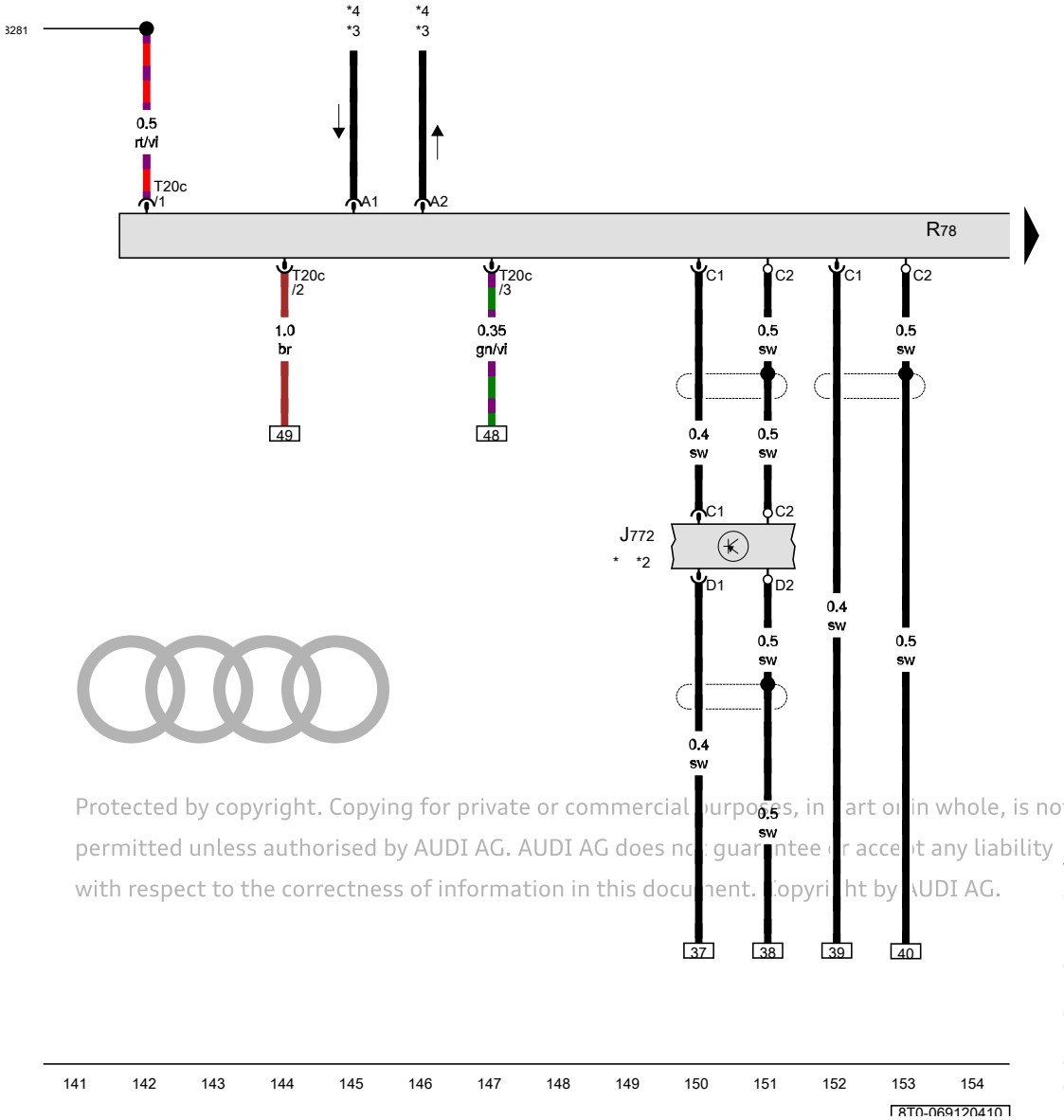


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Reversing camera system control unit, TV tuner

J772	Reversing camera system control unit
R78	TV tuner
T20c	20-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with reversing camera system
*2	see applicable current flow diagram
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for infotainment MOST bus

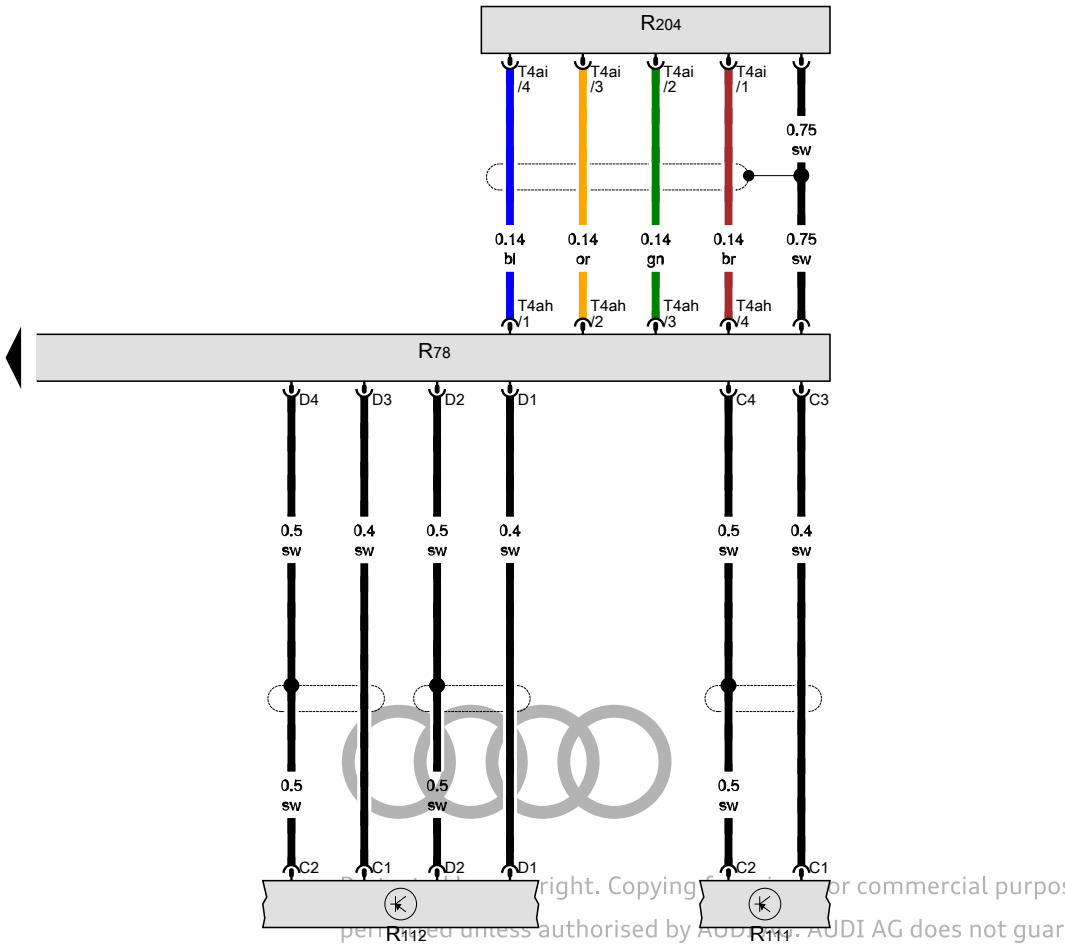


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TV tuner, TV card reader

R78	TV tuner
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R204	TV card reader
T4ah	4-pin connector
T4ai	4-pin connector

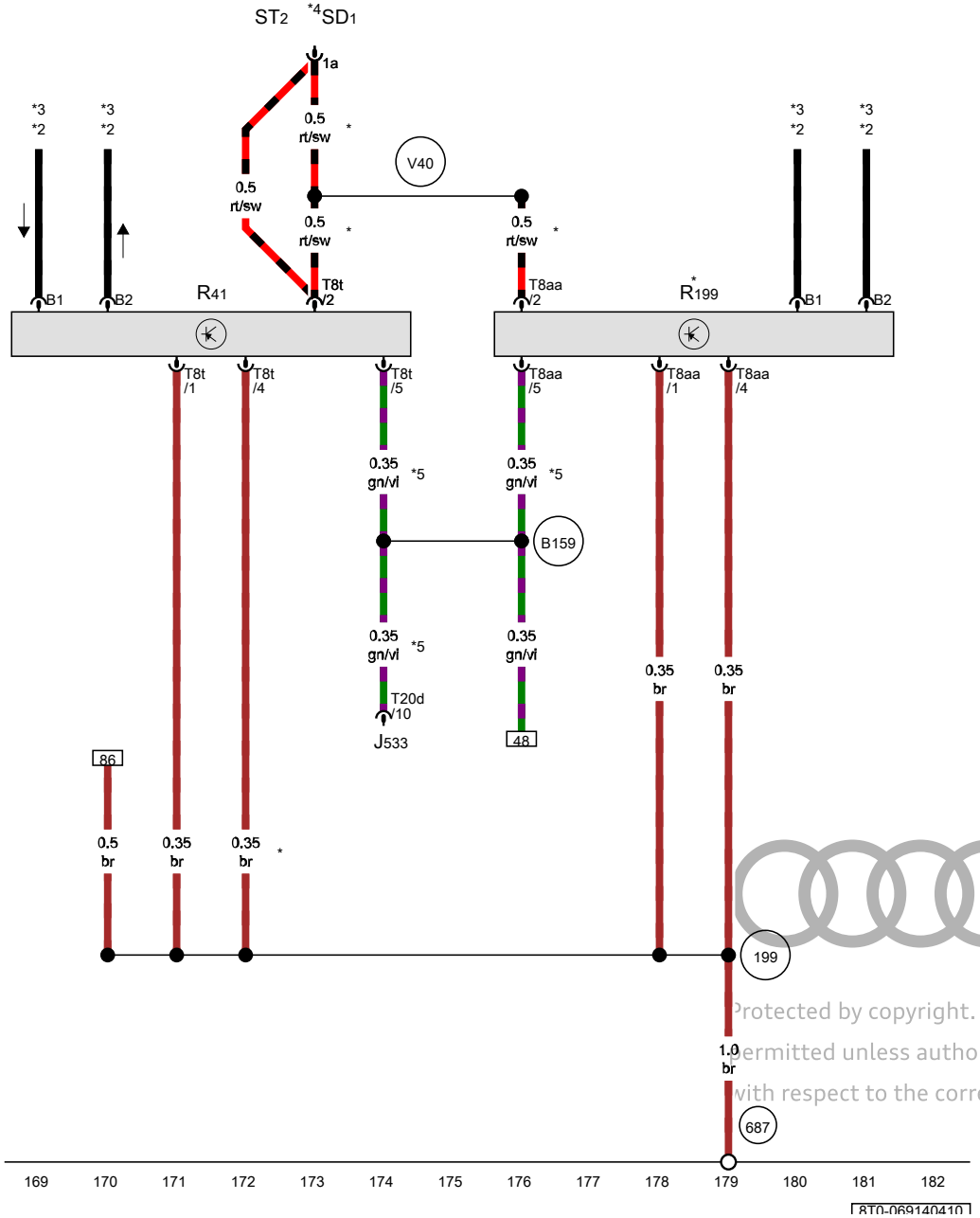


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CD changer, Connection for external audio sources

J533	Data bus diagnostic interface
R41	CD changer
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T8aa	8-pin connector
T8t	8-pin connector
T20d	20-pin connector
199	Earth connection 3, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
V40	Connection 2, in CD changer wiring harness
*	According to equipment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for infotainment MOST bus
*4	see applicable current flow diagram for fuse assignment
*5	see applicable current flow diagram for ring circuit break diagnostic

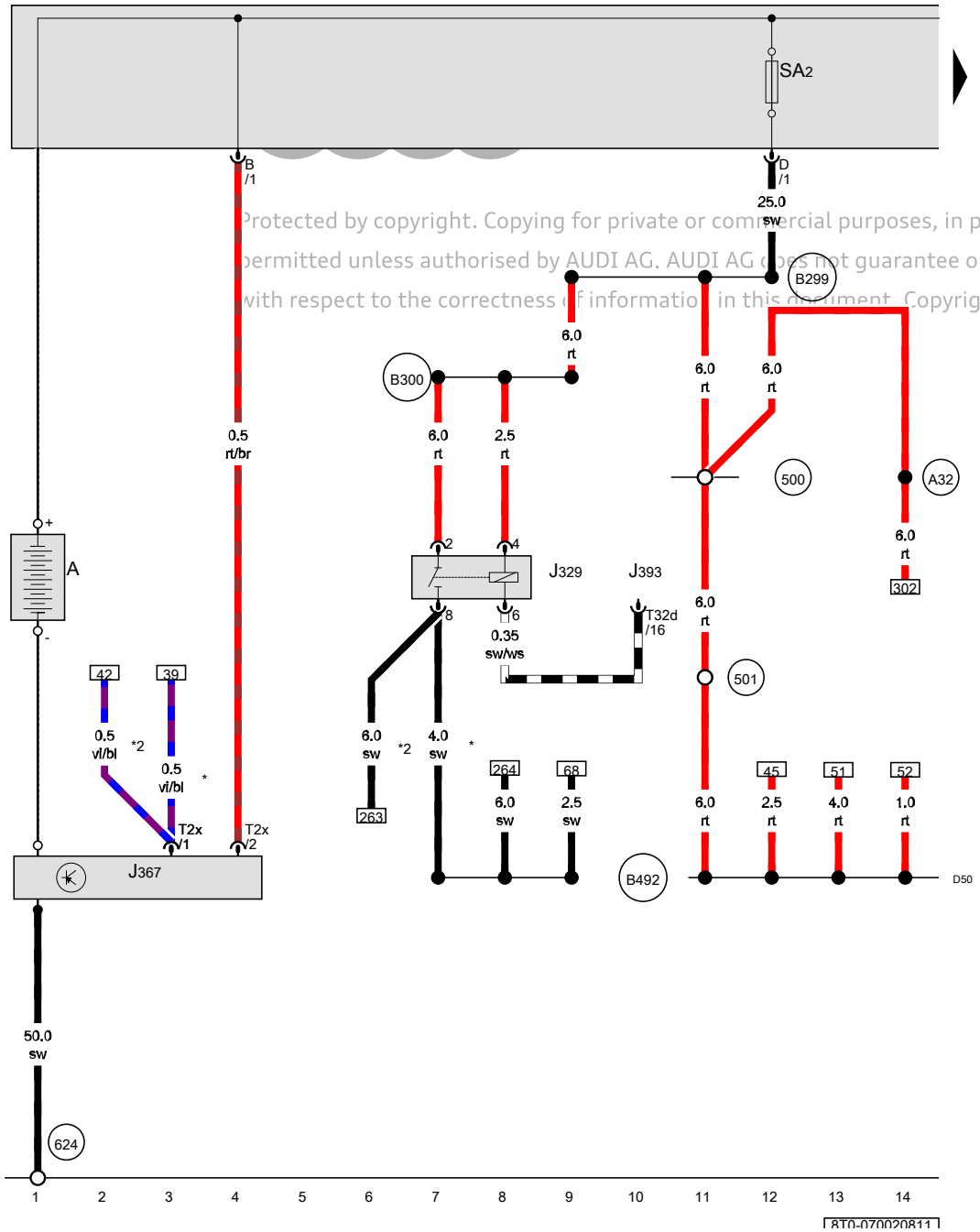
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6-cylinder diesel engine , CCWA,CCWB,CGKA,CGKB

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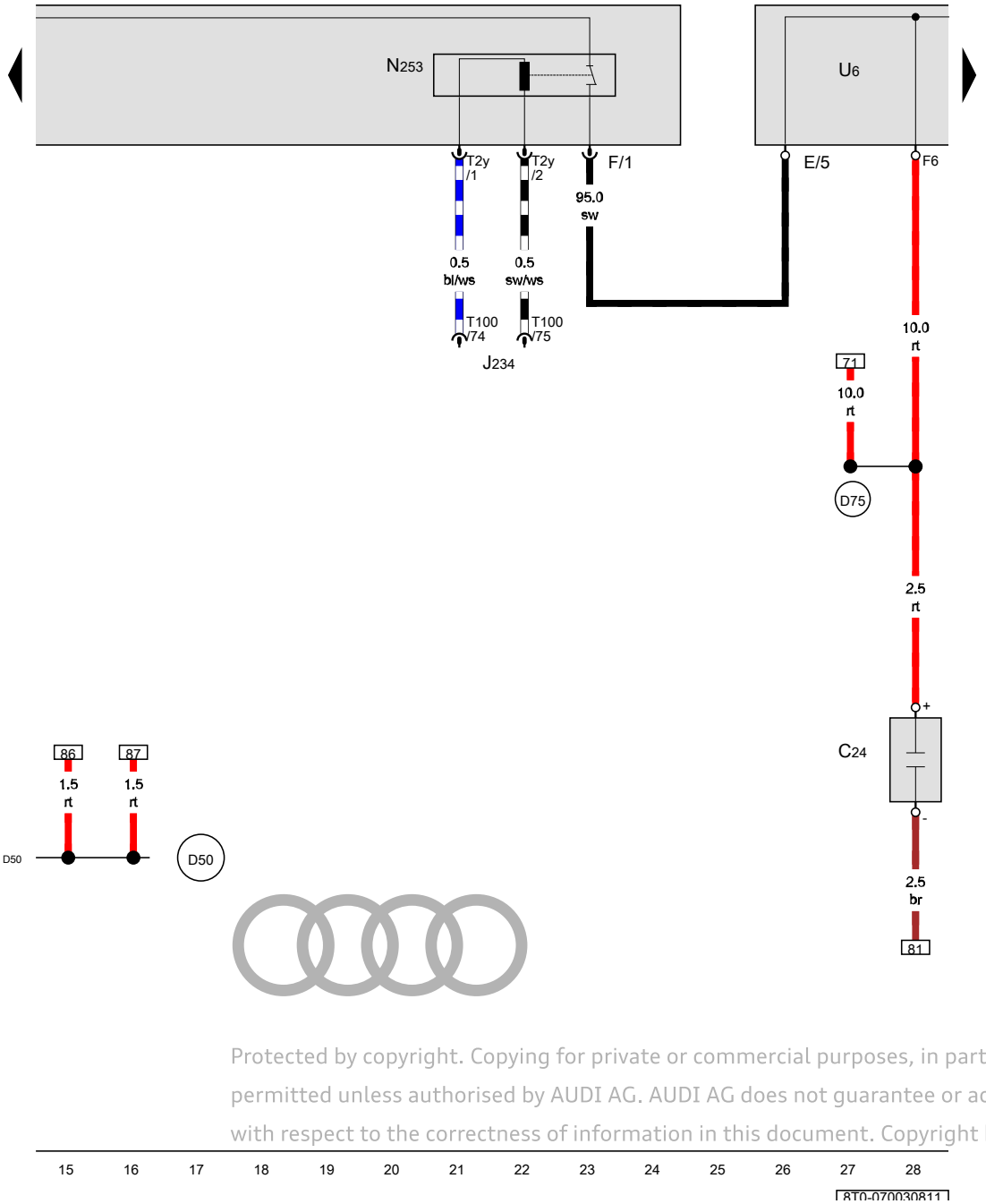


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA2	Fuse 2 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
624	Earth point, starter battery
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	Up to April 2009
*2	From May 2009

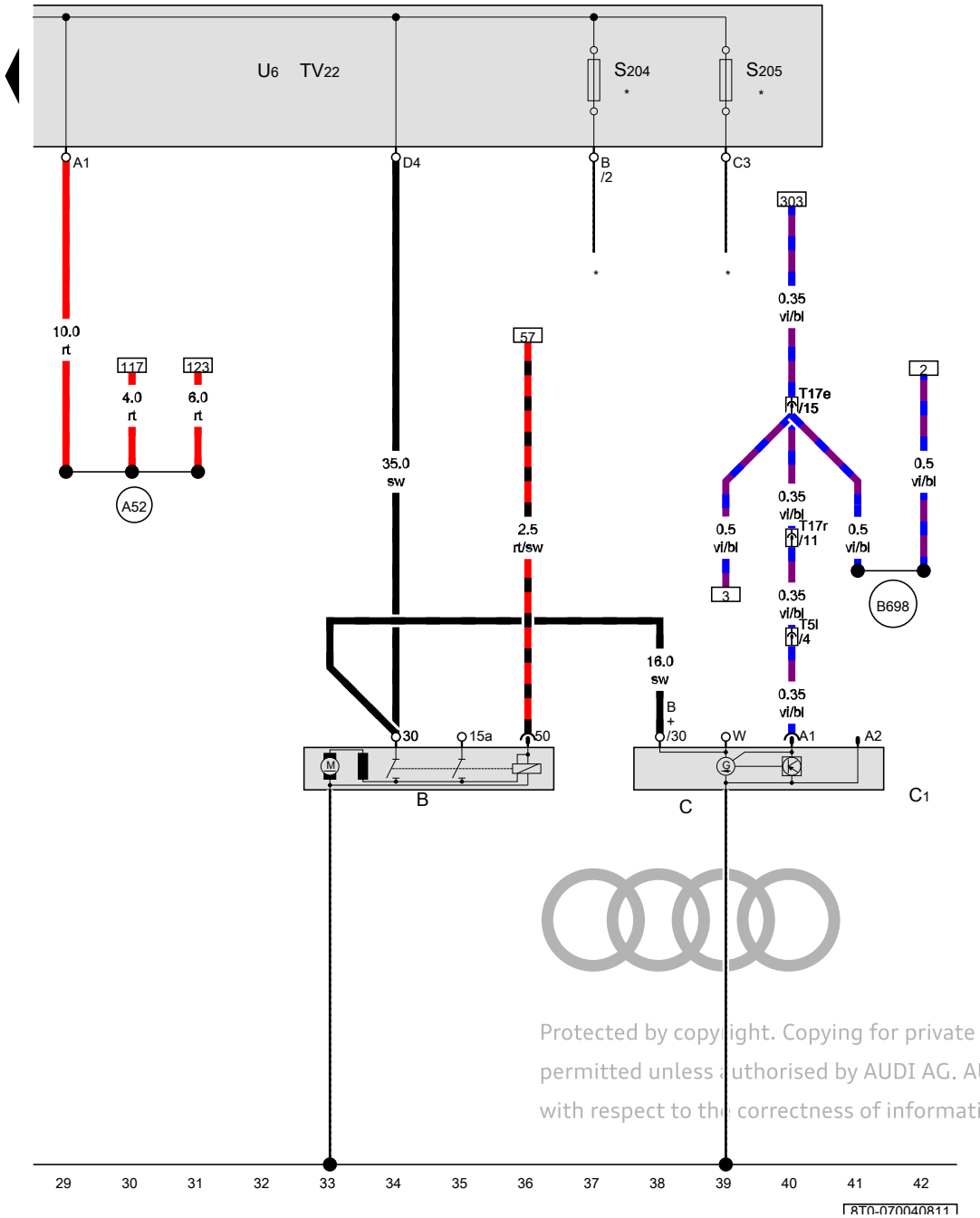


Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness

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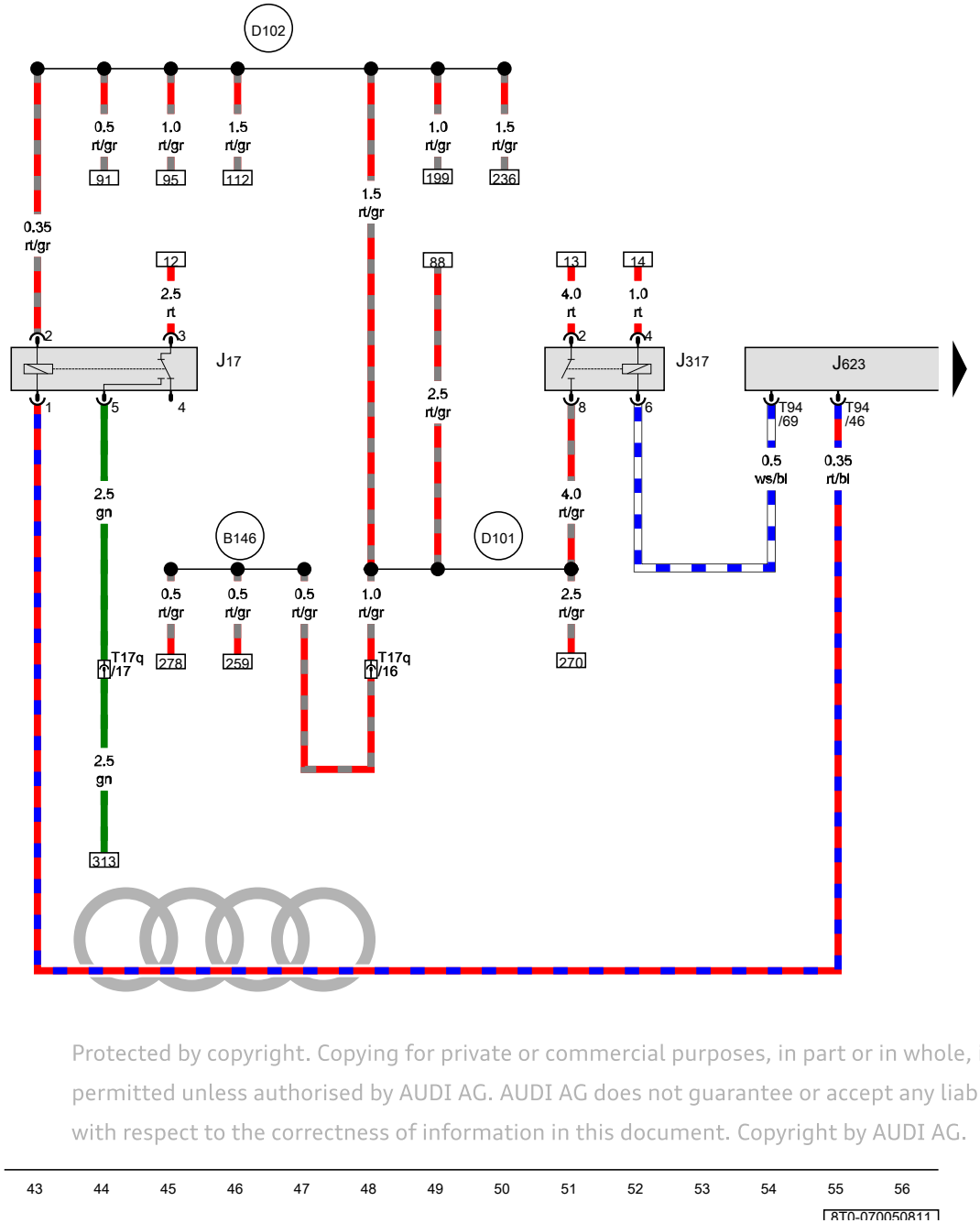


Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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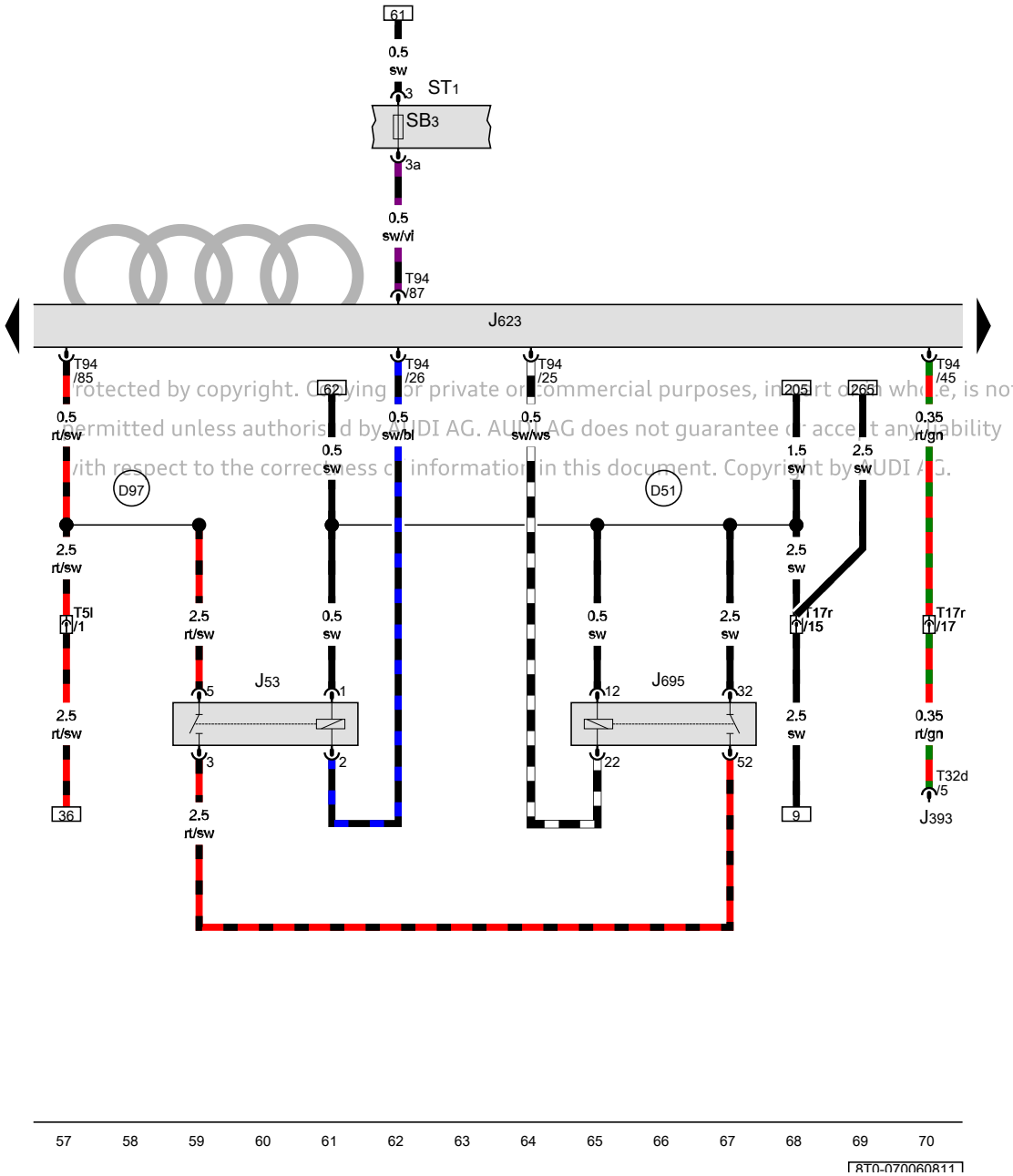
Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness

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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness

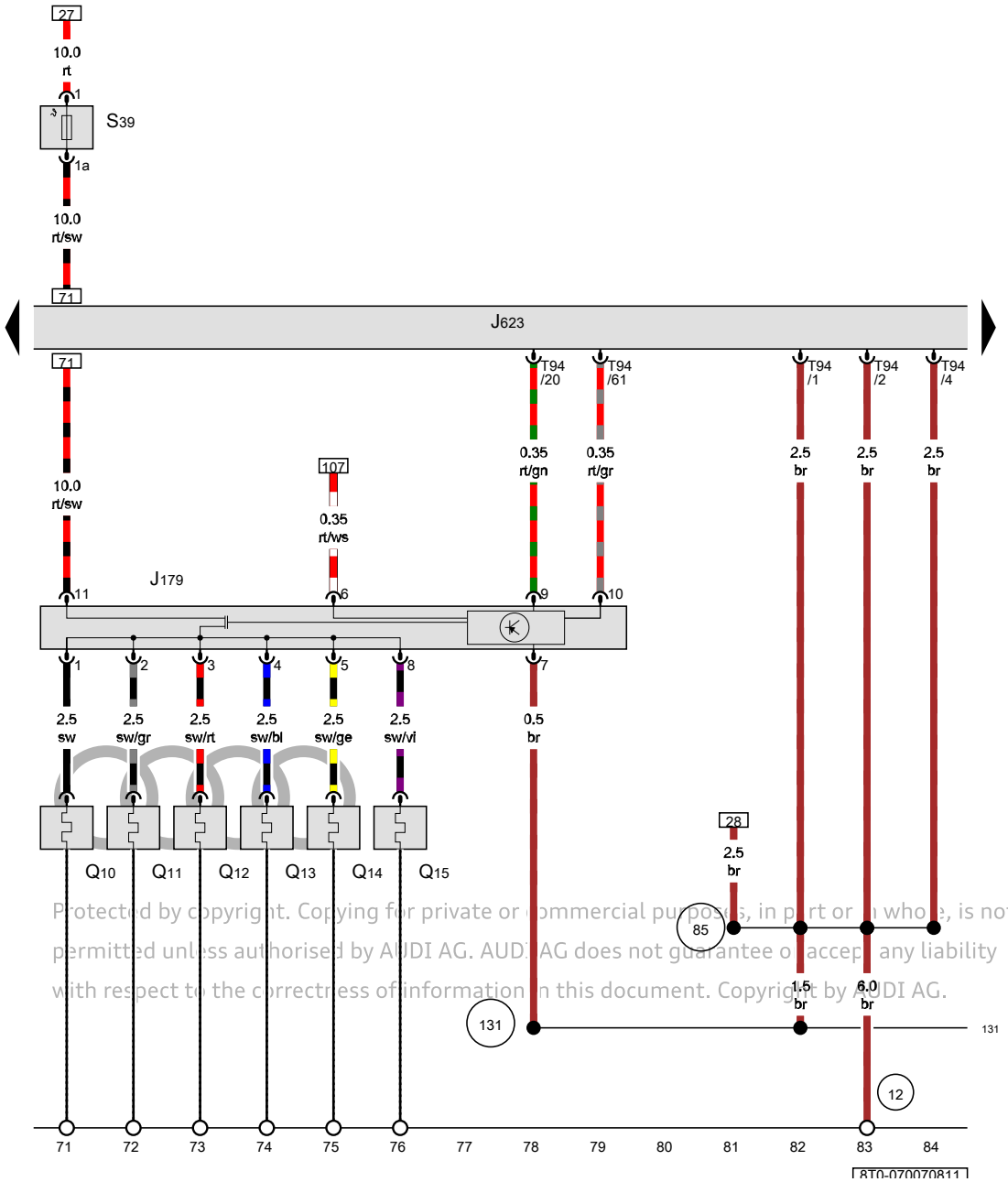


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Automatic glow period control unit, Engine control unit

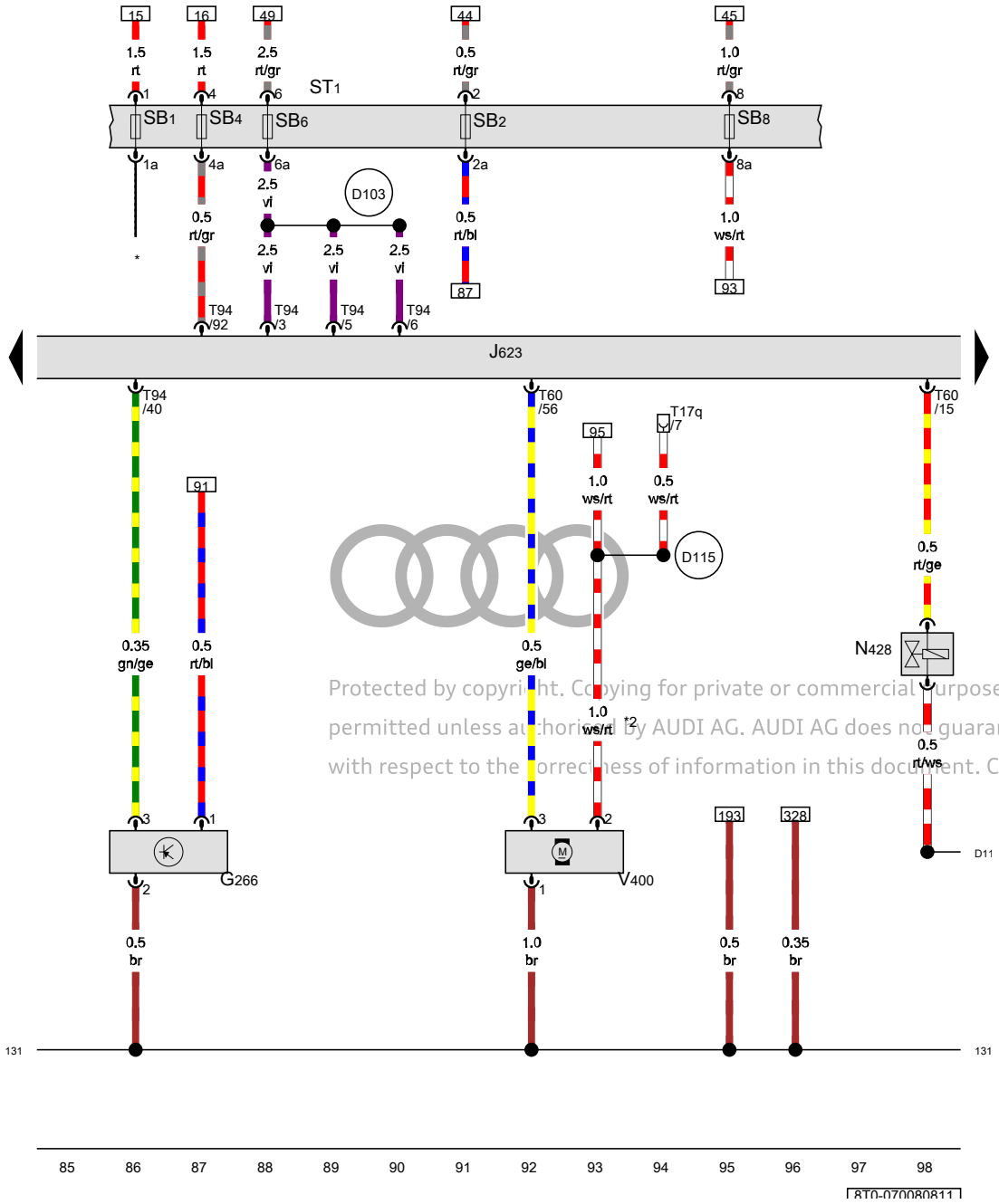
J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
Q14	Glow plug 5
Q15	Glow plug 6
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness



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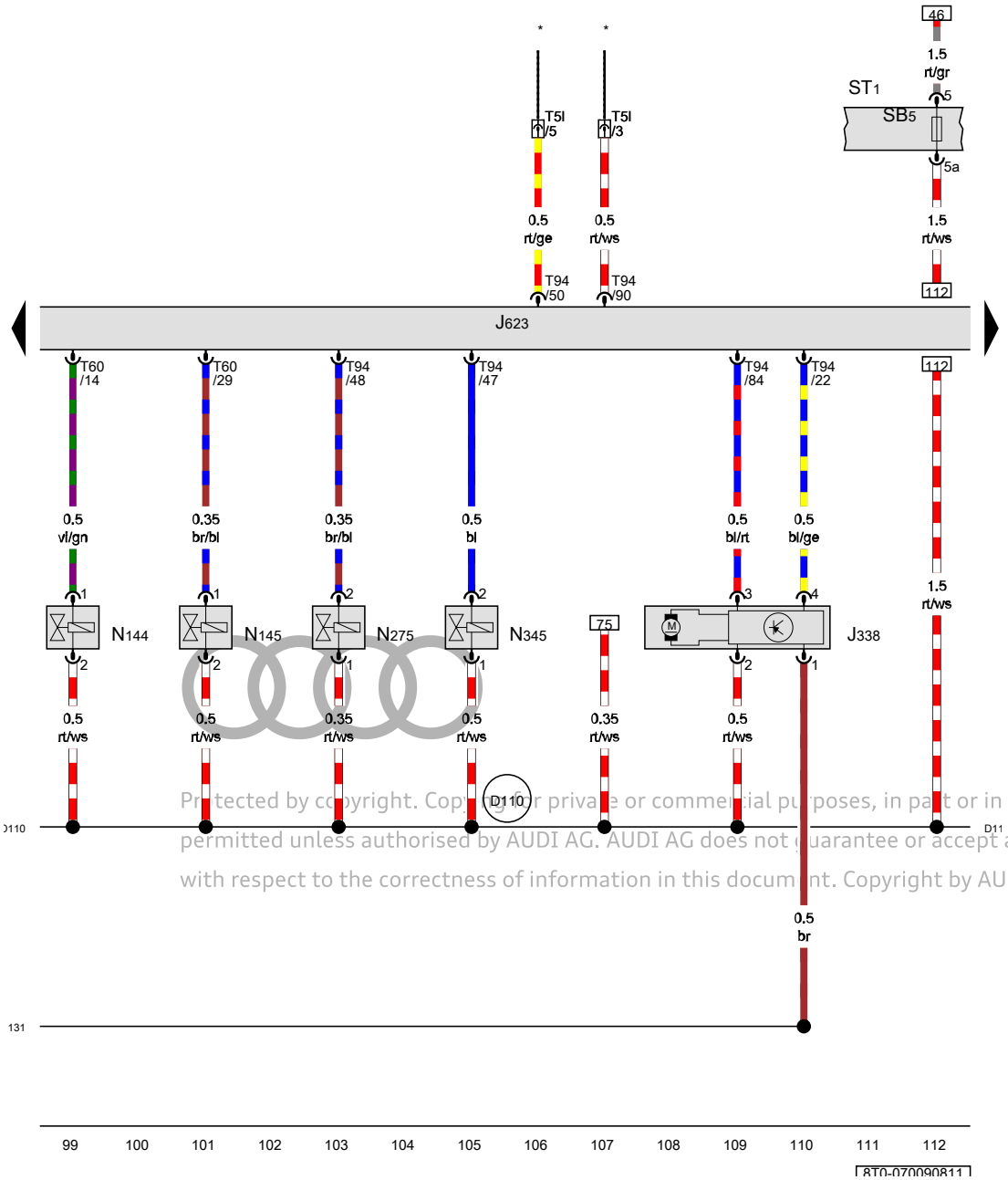
Oil level and oil temperature sender, Engine control unit



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G266	Oil level and oil temperature sender
J623	Engine control unit
N428	Valve for oil pressure control
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB8	Fuse 8 on fuse holder B
T17q	17-pin connector
T60	60-pin connector
T94	94-pin connector
V400	Pump for exhaust gas recirculation cooler
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for gearbox
*2	According to equipment

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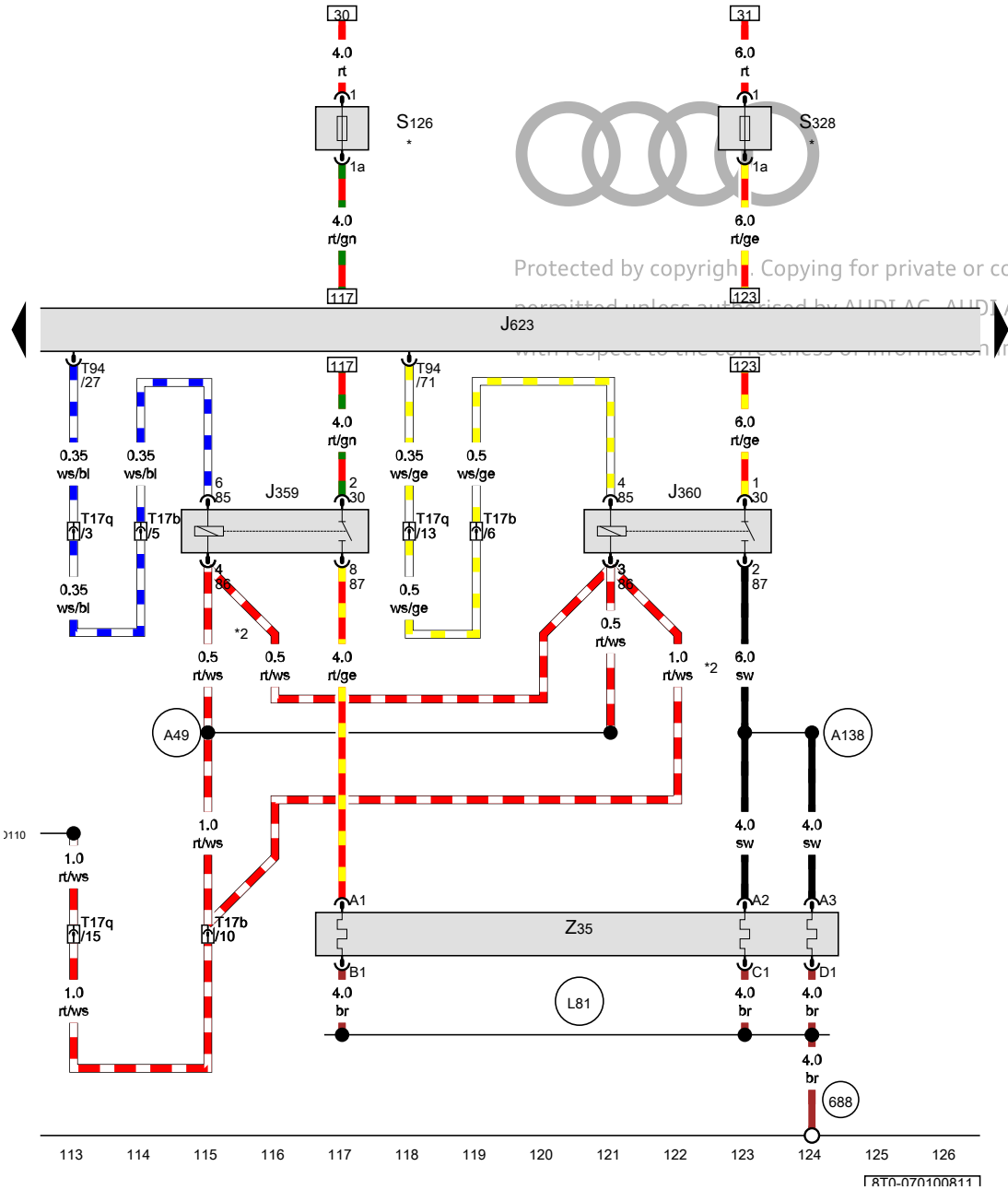
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Throttle valve module, Engine control unit, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve

J338	Throttle valve module
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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



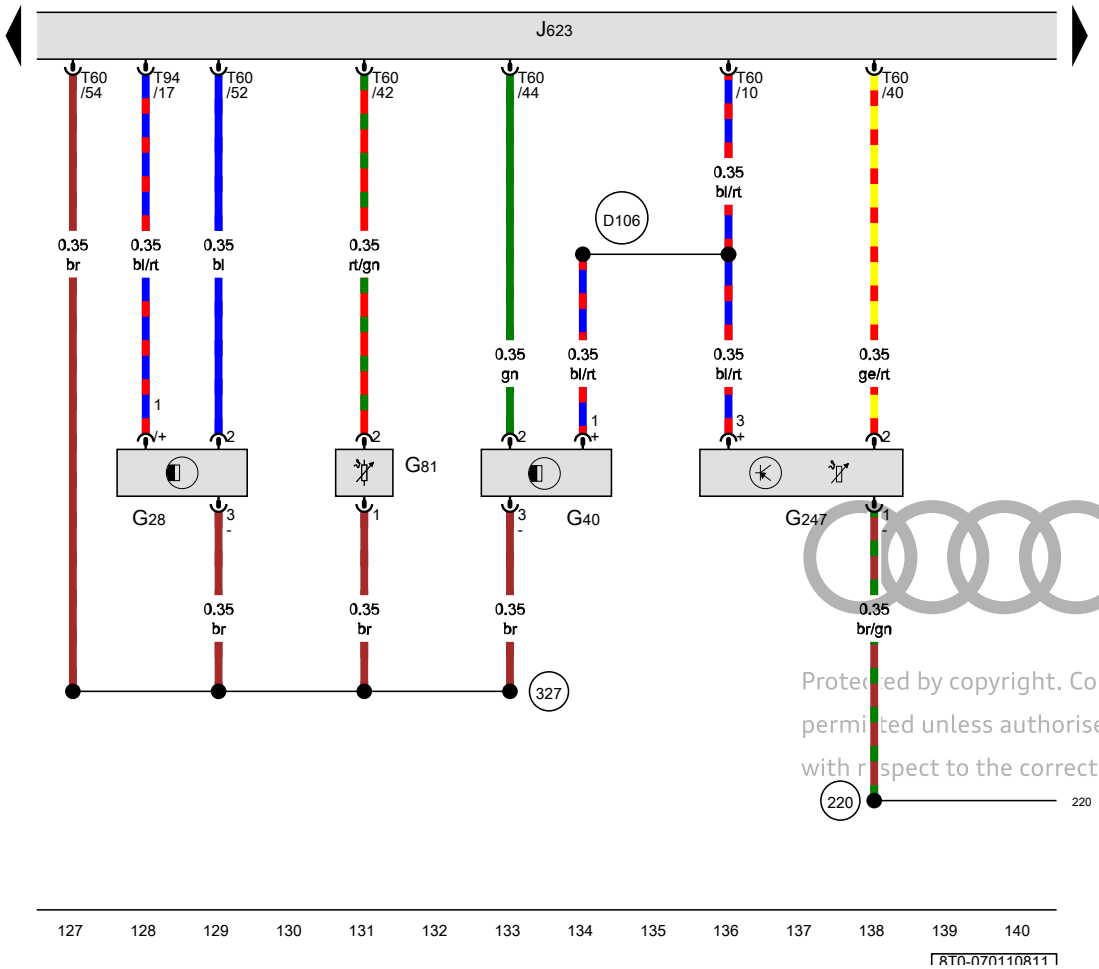
J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A49	Connection 1, in dash panel wiring harness
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater
*2	From May 2009

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Engine speed sender, Hall sender, Fuel pressure sender, Engine control unit

G28	Engine speed sender
G40	Hall sender
G81	Fuel temperature sender
G247	Fuel pressure sender
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness



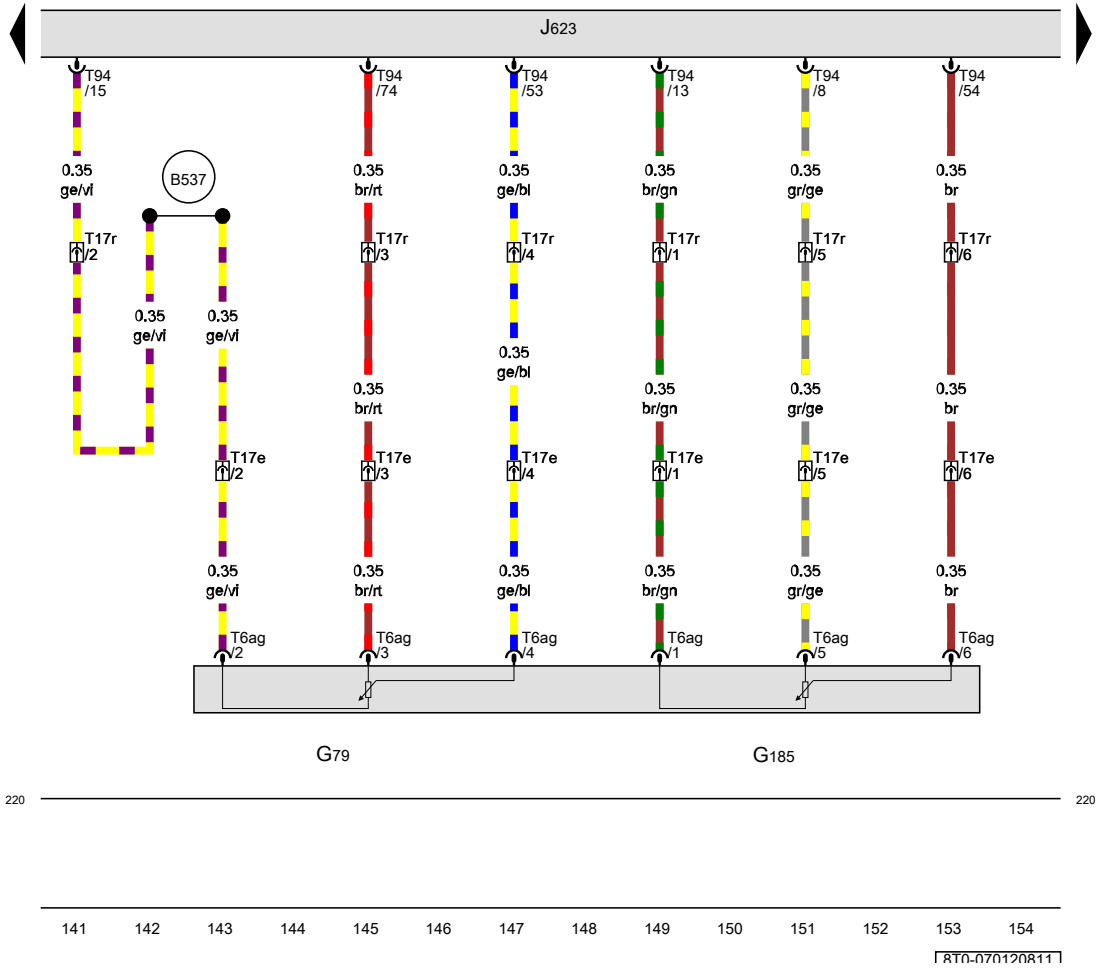
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Accelerator position sender, Accelerator position sender 2, Engine control unit

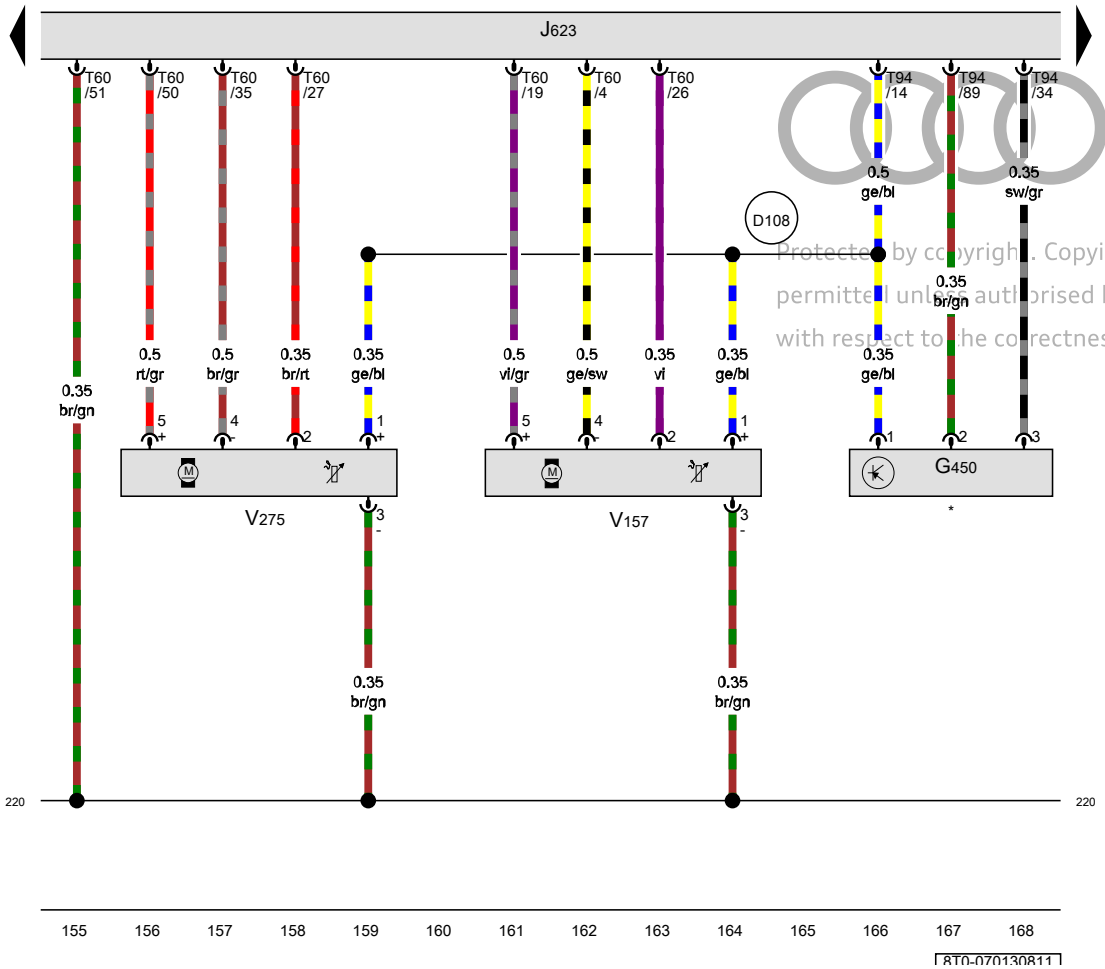
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
B537	Connection 28, in main wiring harness



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Exhaust gas pressure sensor 1, Engine control unit, Intake manifold flap motor, Intake manifold flap 2 motor

G450	Exhaust gas pressure sensor 1
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
V157	Intake manifold flap motor
V275	Intake manifold flap 2 motor
220	Earth connection (sender earth), in engine wiring harness
D108	Connection 6 in engine compartment wiring harness
*	According to equipment



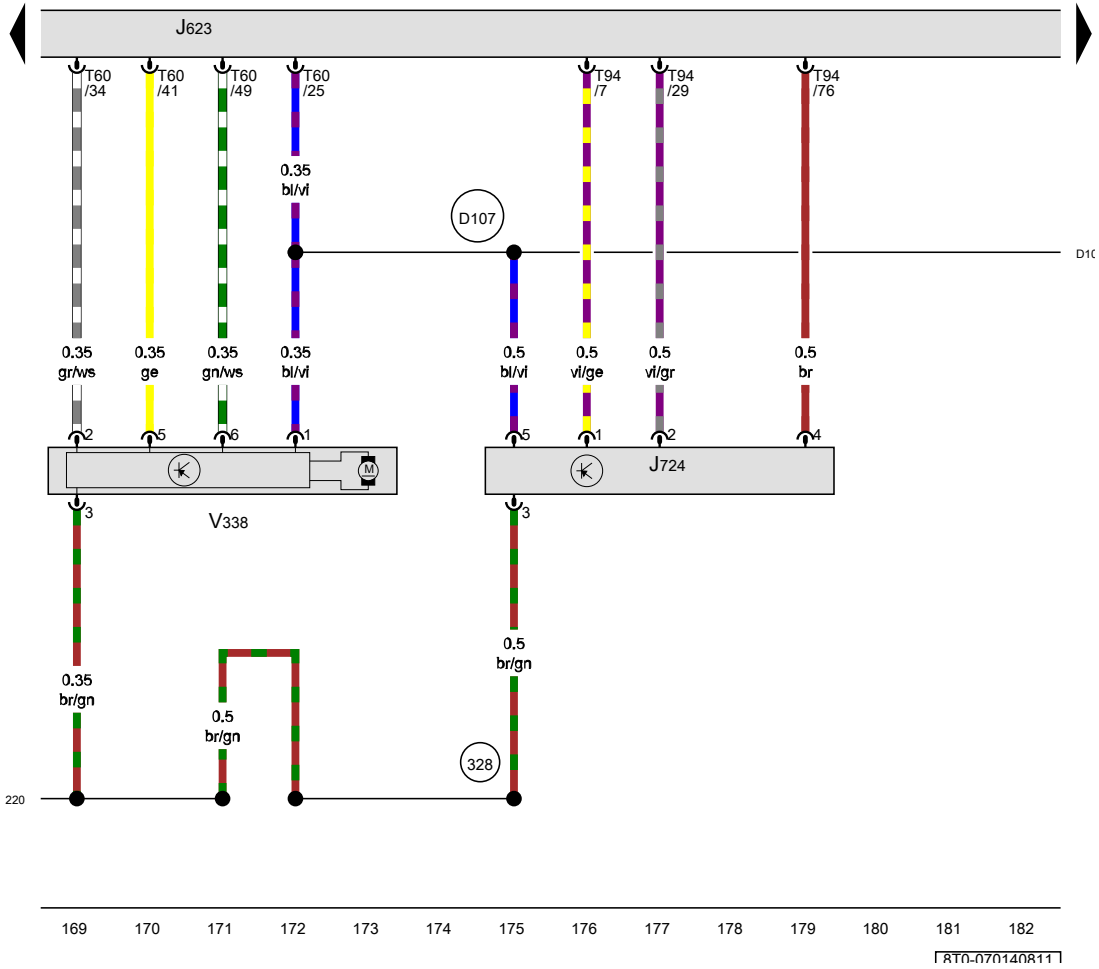
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Engine control unit, Turbocharger 1 control unit, Exhaust gas recirculation control motor

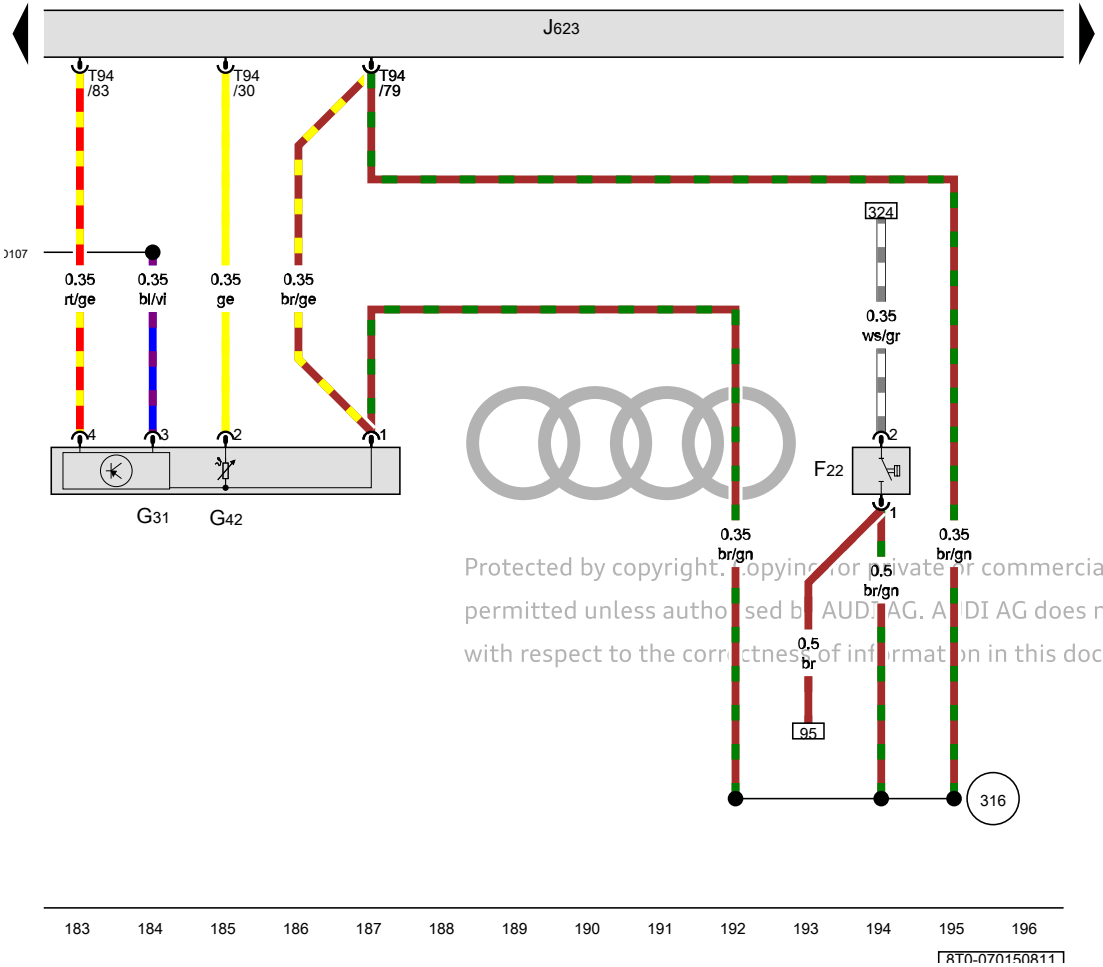
J623	Engine control unit
J724	Turbocharger 1 control unit
T60	60-pin connector
T94	94-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



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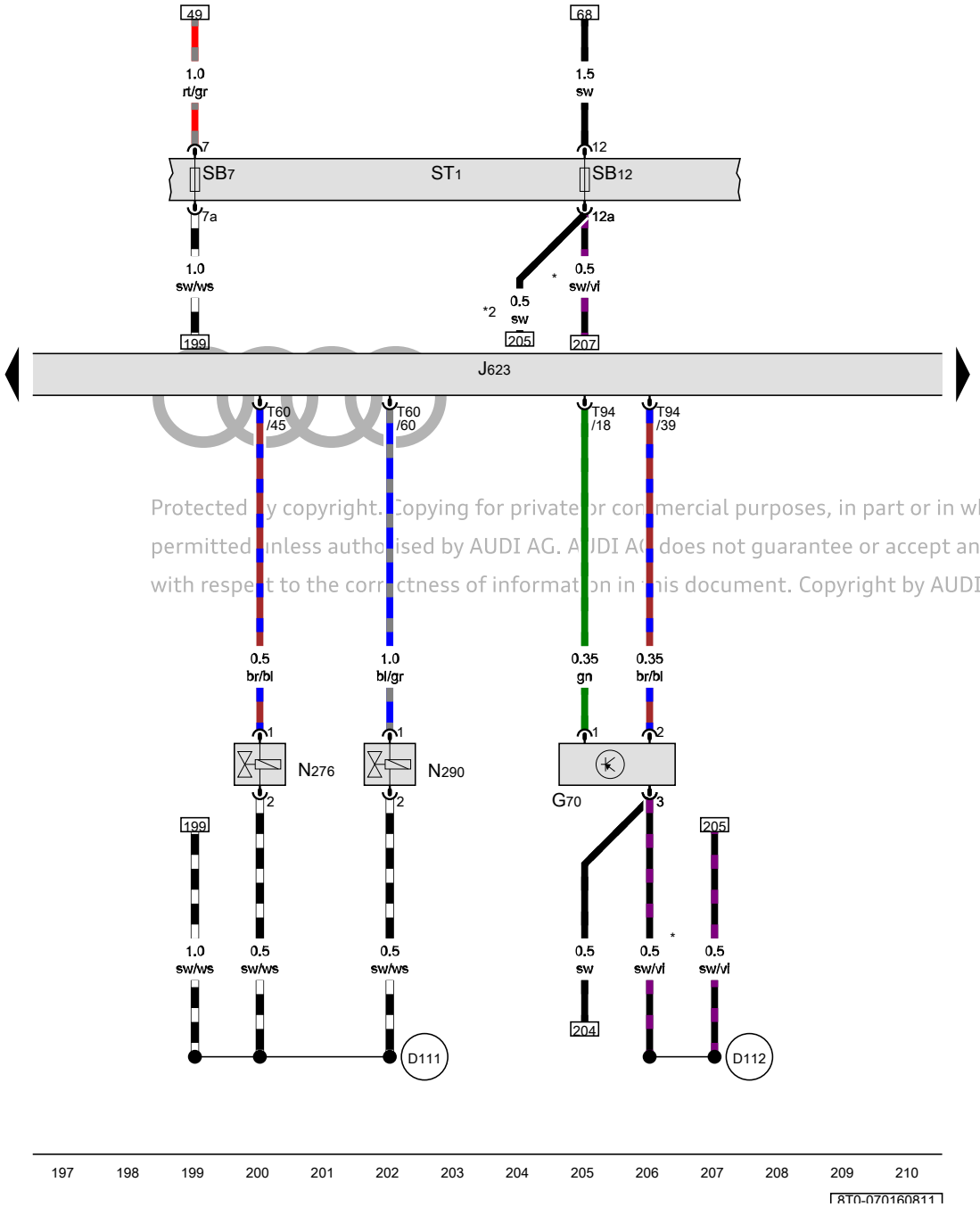
Charge pressure sender, Intake air temperature sender, Engine control unit

F22	Oil pressure switch
G31	Charge pressure sender
G42	Intake air temperature sender
J623	Engine control unit
T94	94-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



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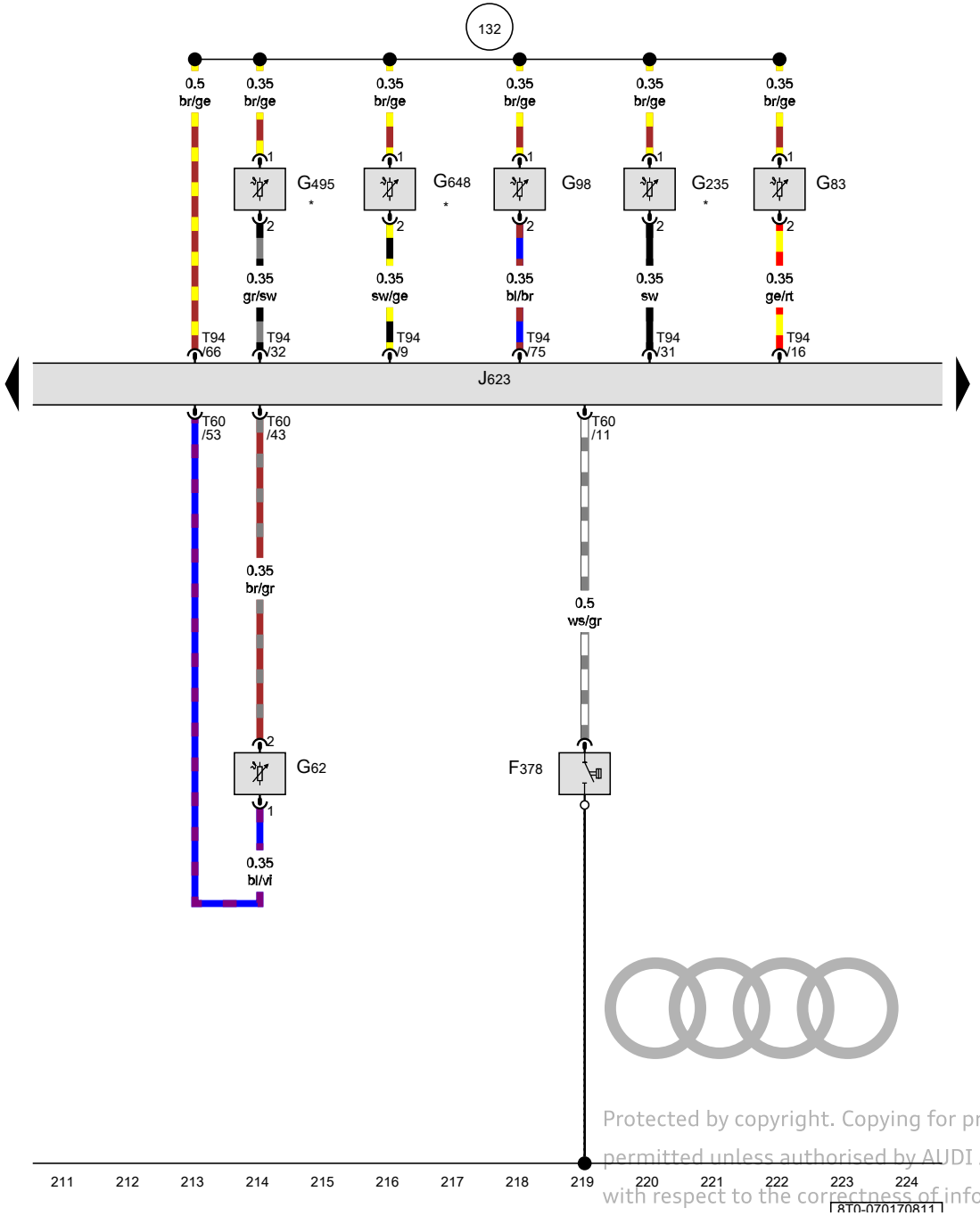


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Air mass meter, Engine control unit

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox

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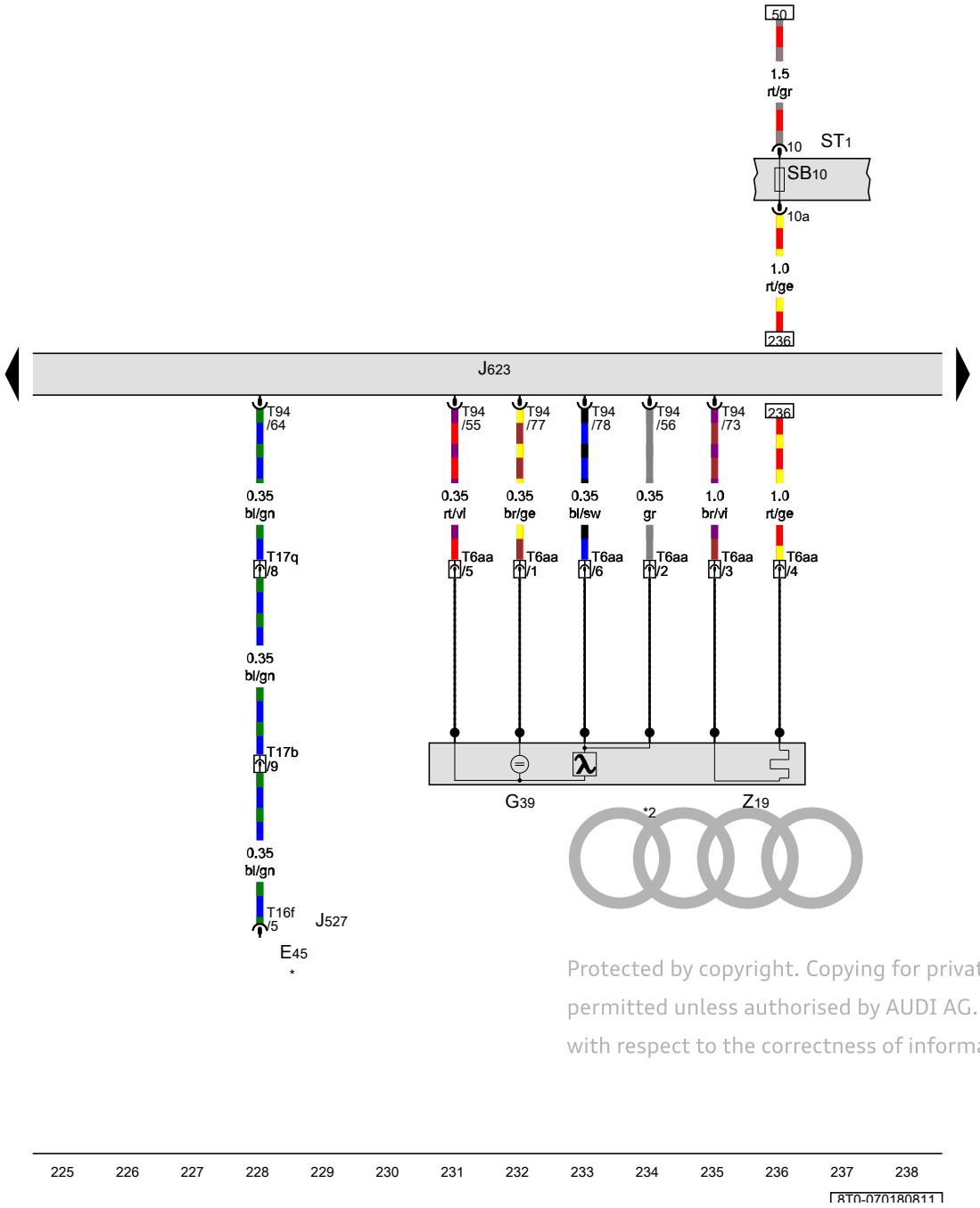


Oil pressure switch for reduced oil pressure, Coolant temperature sender, Engine control unit

F378	Oil pressure switch for reduced oil pressure
G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
132	Earth connection 3, in engine compartment wiring harness
*	According to equipment

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Lambda probe, Engine control unit

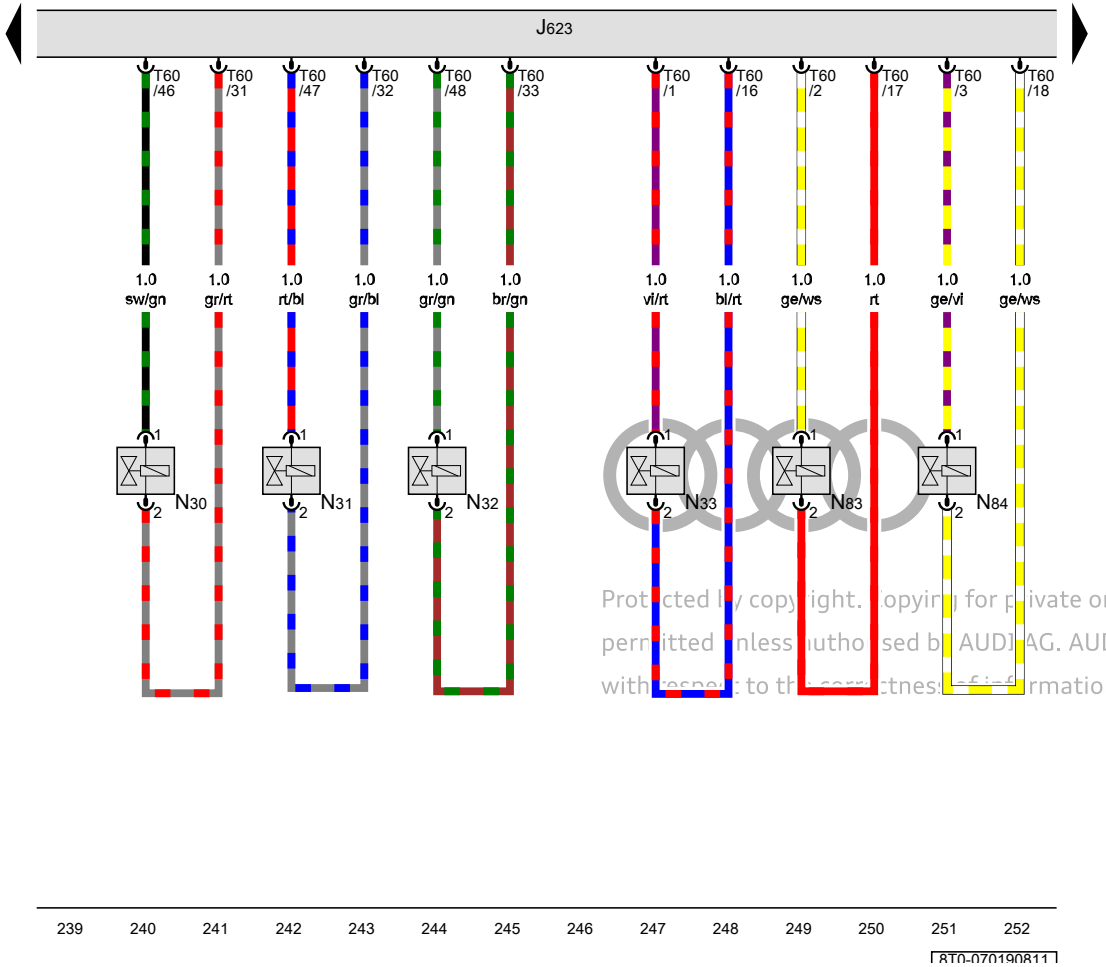
E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)
*2	According to equipment

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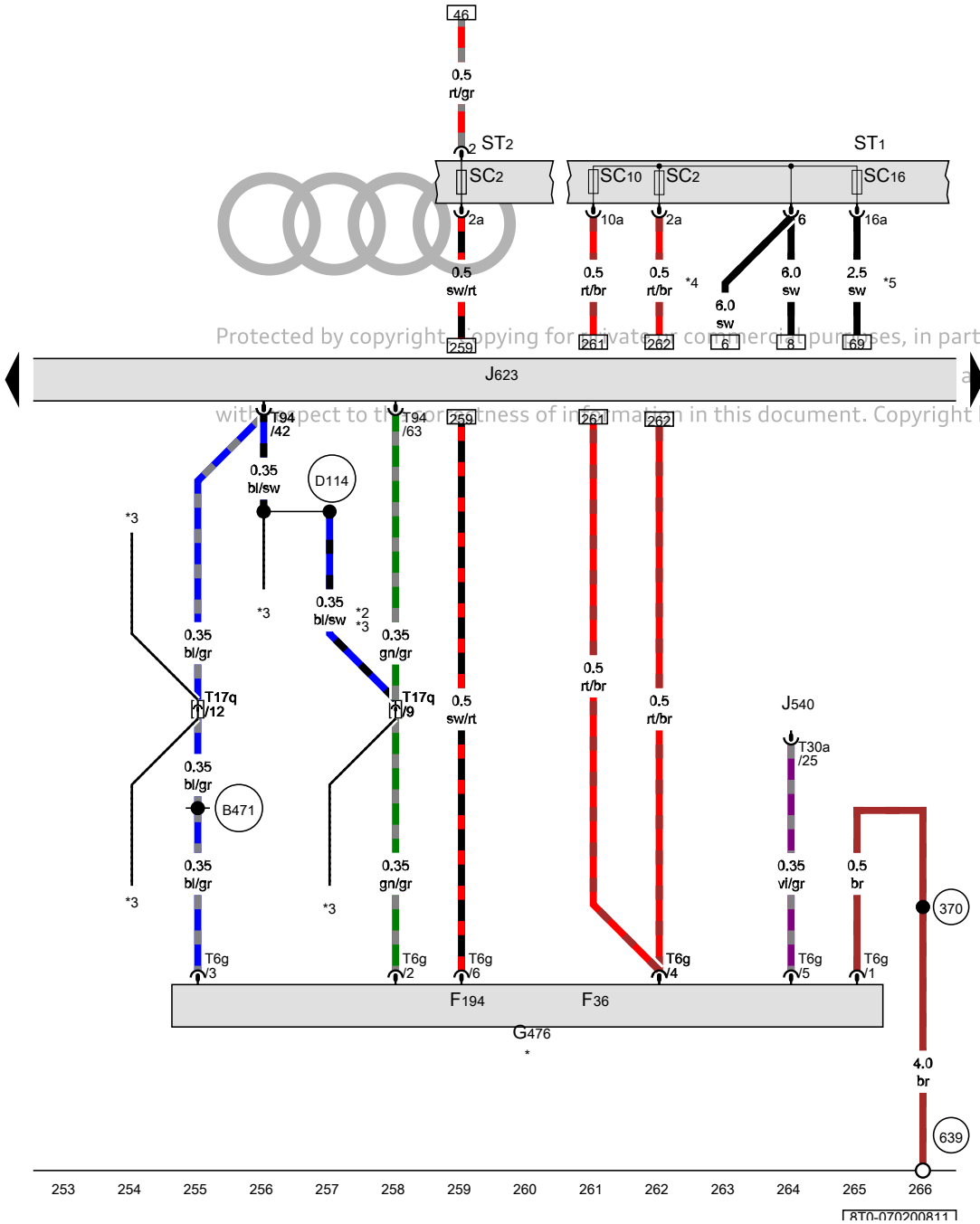
Engine control unit, Injector, cylinder 1, Injector, cylinder 6

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
T60	60-pin connector



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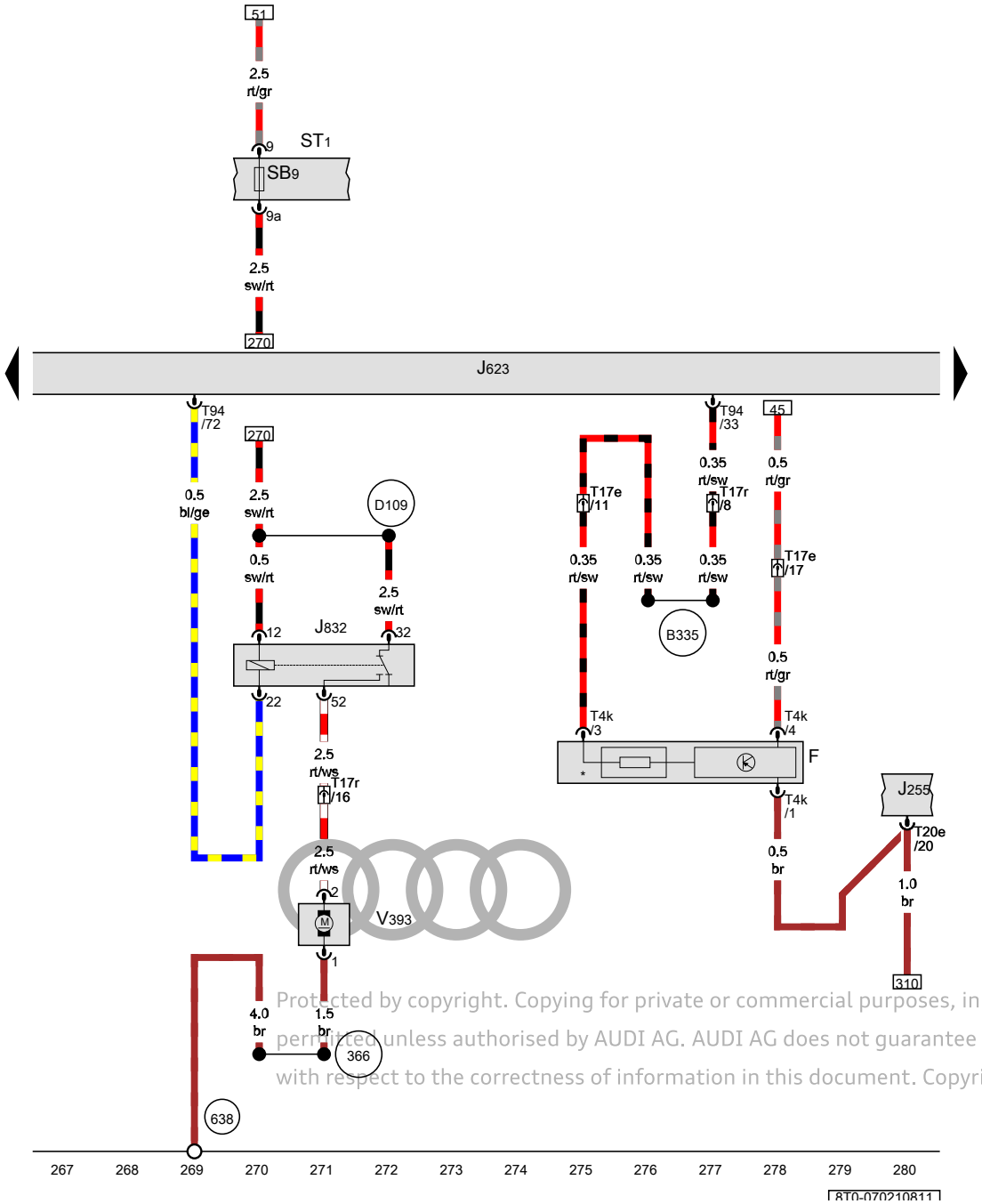


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Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	Up to May 2009
*5	From May 2009

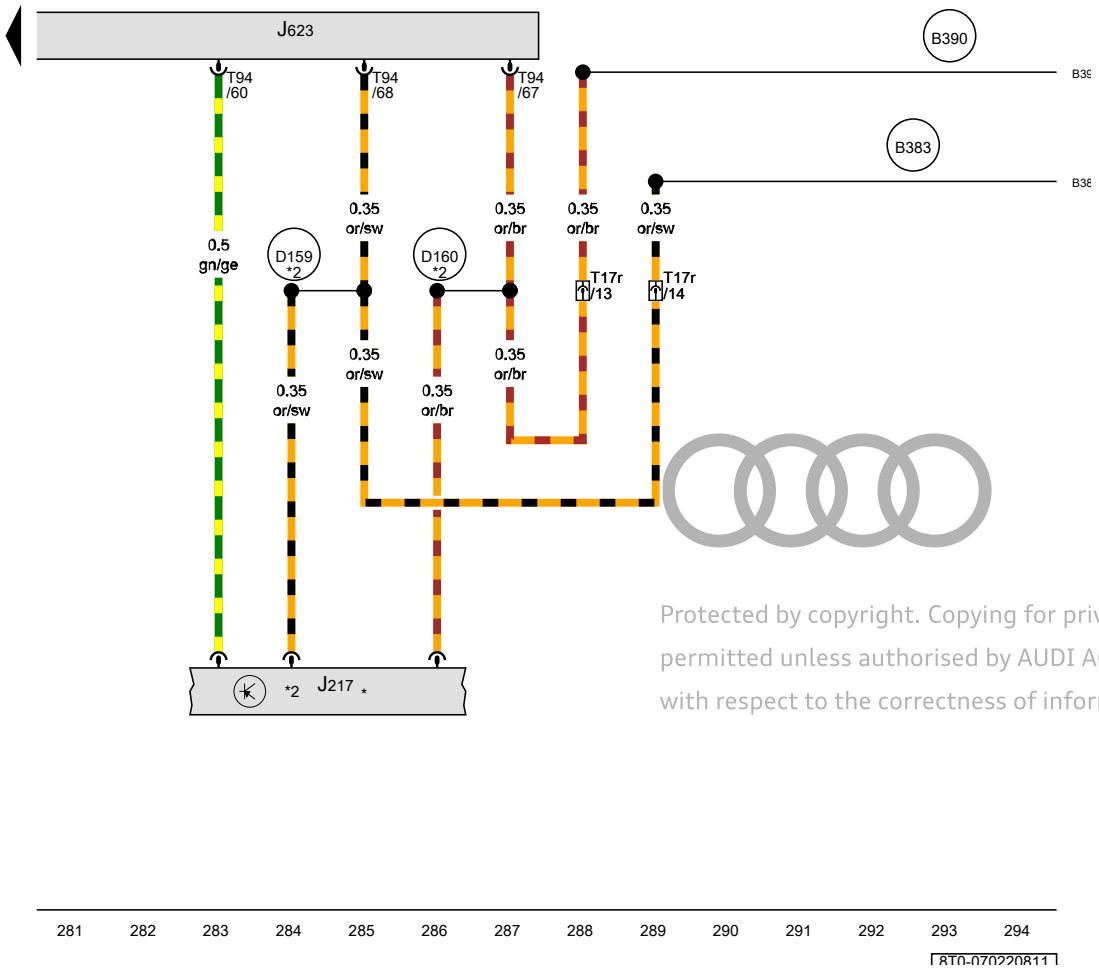


Brake light switch, Engine control unit, Supplementary fuel pump

F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
J832	Relay for supplementary fuel pump
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
V393	Supplementary fuel pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B335	Connection 1 (54), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Solenoid coil for brake light sensor

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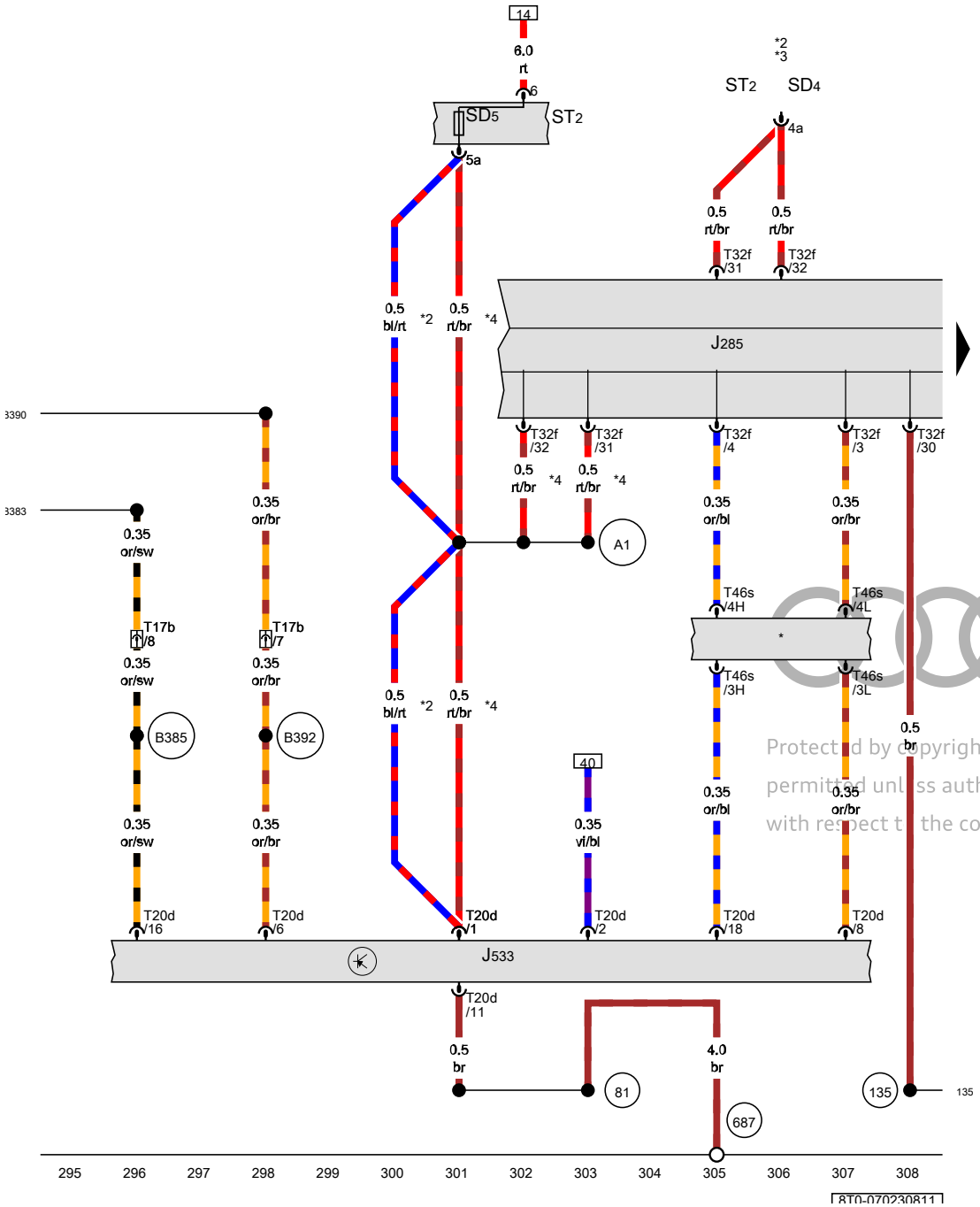


Engine control unit

J217	Automatic gearbox control unit
J623	Engine control unit
T17r	17-pin connector, white
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox

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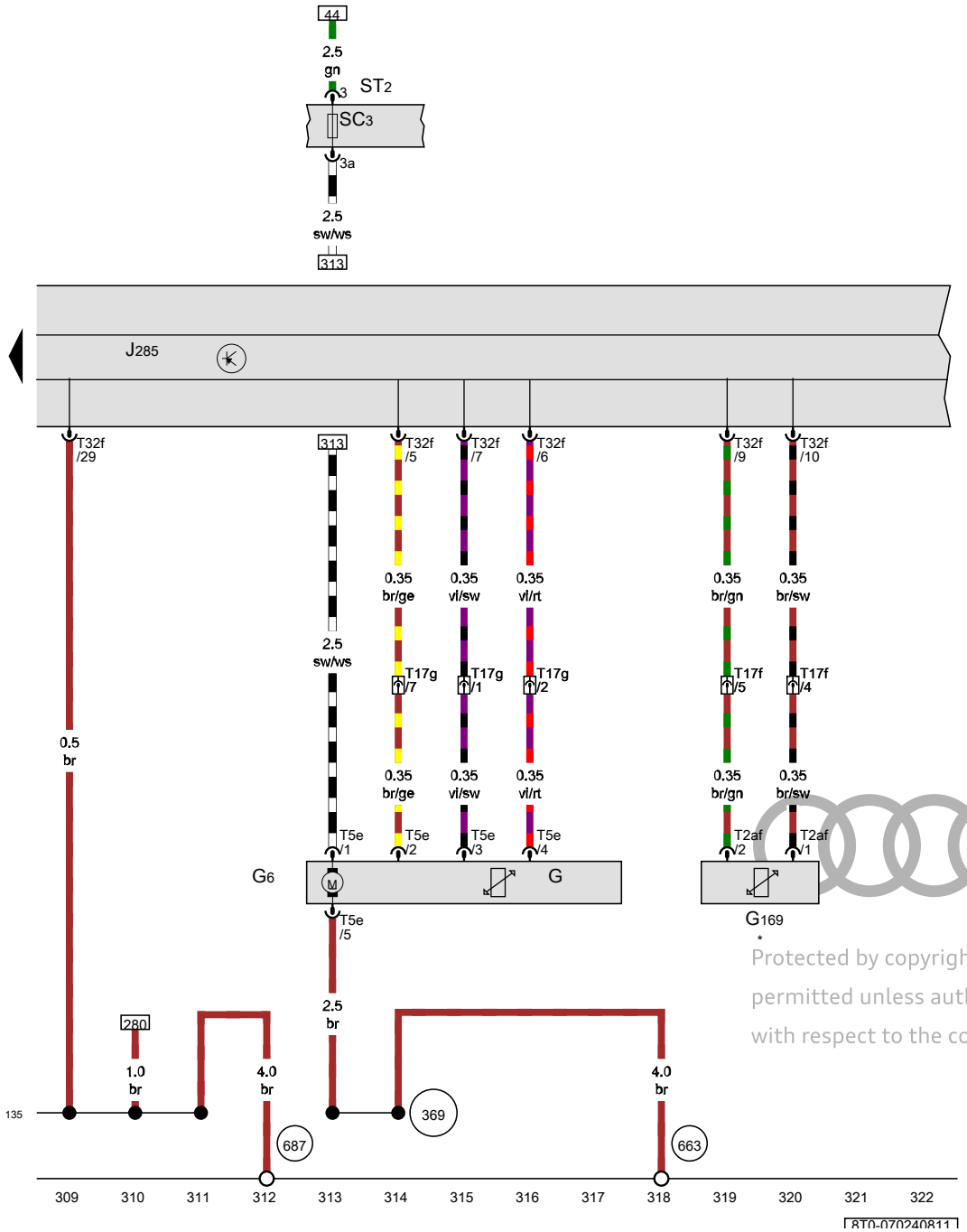


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T17b	17-pin connector, blue
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram
*2	From May 2009
*3	see applicable current flow diagram for fuse assignment
*4	Up to April 2009

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Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert

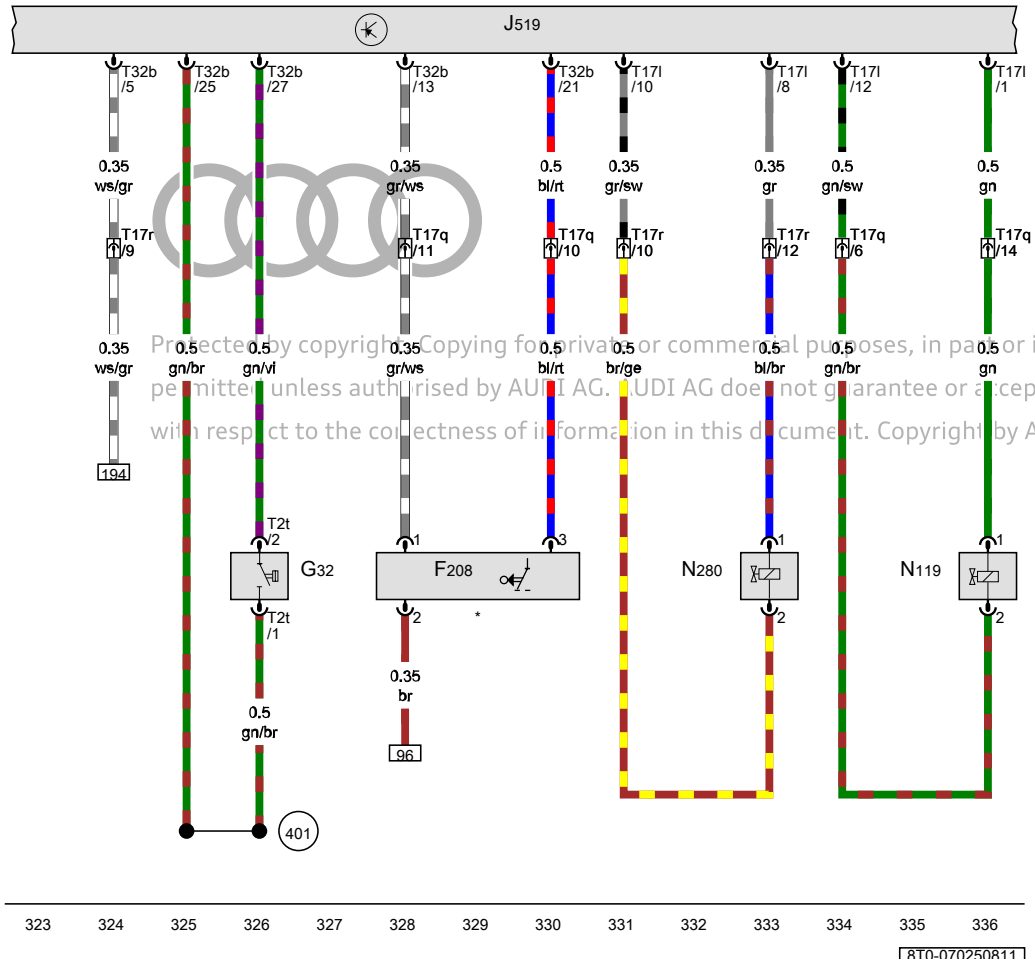
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T17f	17-pin connector
T17g	17-pin connector
T32f	32-pin connector
135	Earth connection 2, in dash panel wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
687	Earth point 1, on centre tunnel
*	Only models with all-wheel drive

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Gear detector switch, Onboard supply control unit, Air conditioner compressor regulating valve

F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox



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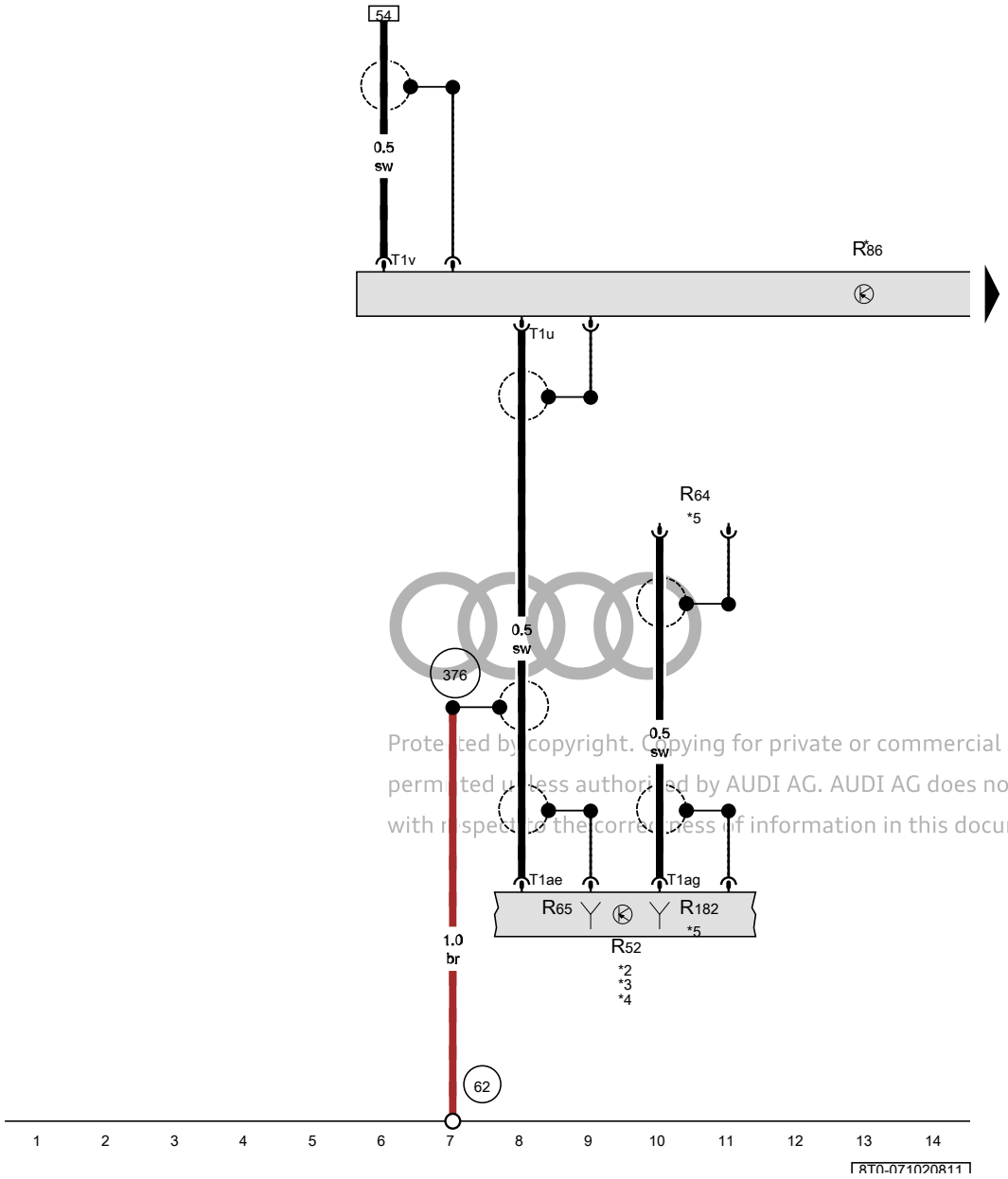
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Preparation for mobile telephone (infotainment CAN bus)

From May 2008

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Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, Aerial amplifier for mobile telephone, Auxiliary heater aerial

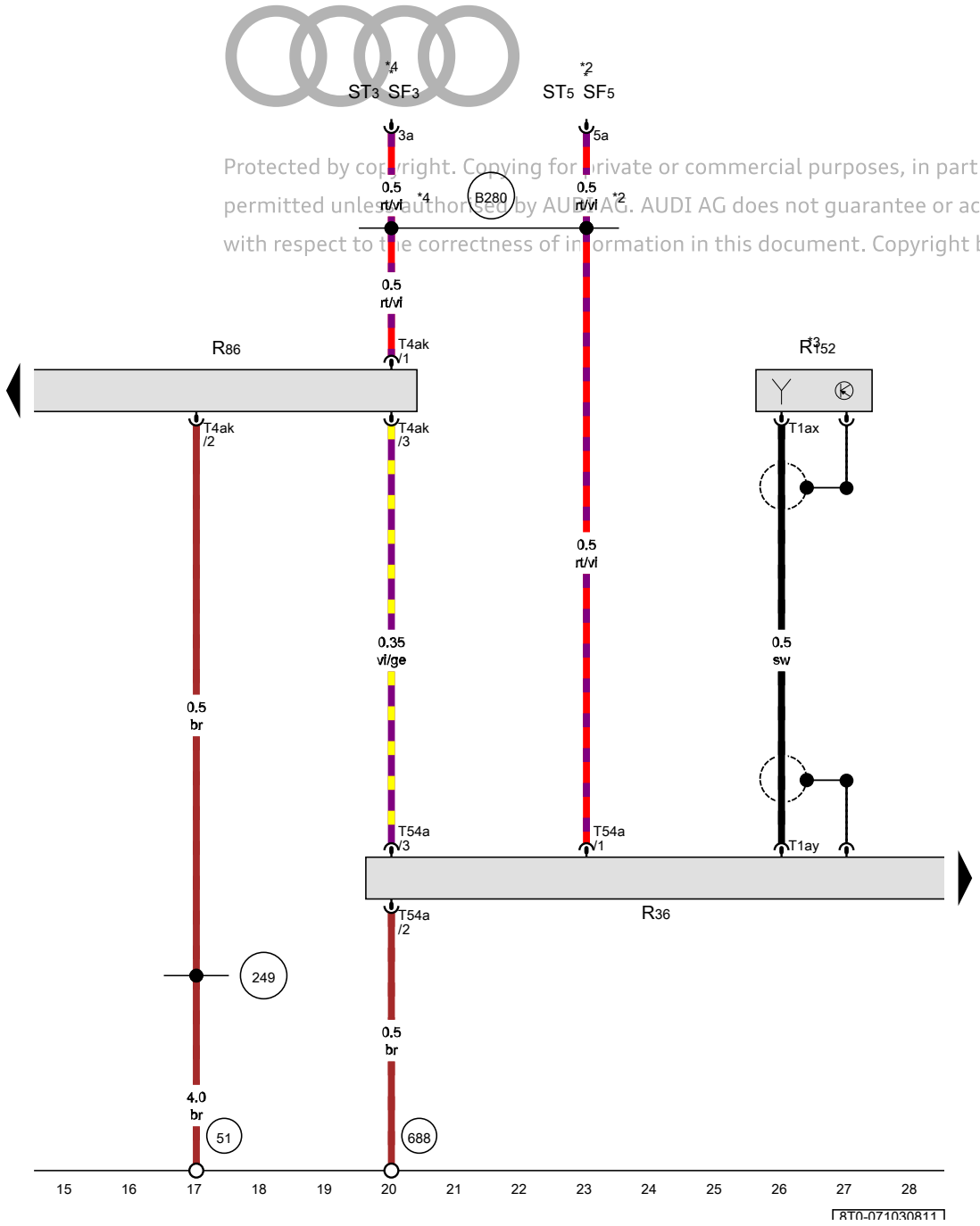


R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R182	Auxiliary heater aerial
T1ae	Single connector
T1ag	Single connector
T1u	Single connector
T1v	Single connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Roof aerial
*3	Only models with 2-doors
*4	see applicable current flow diagram
*5	Only models with auxiliary heating

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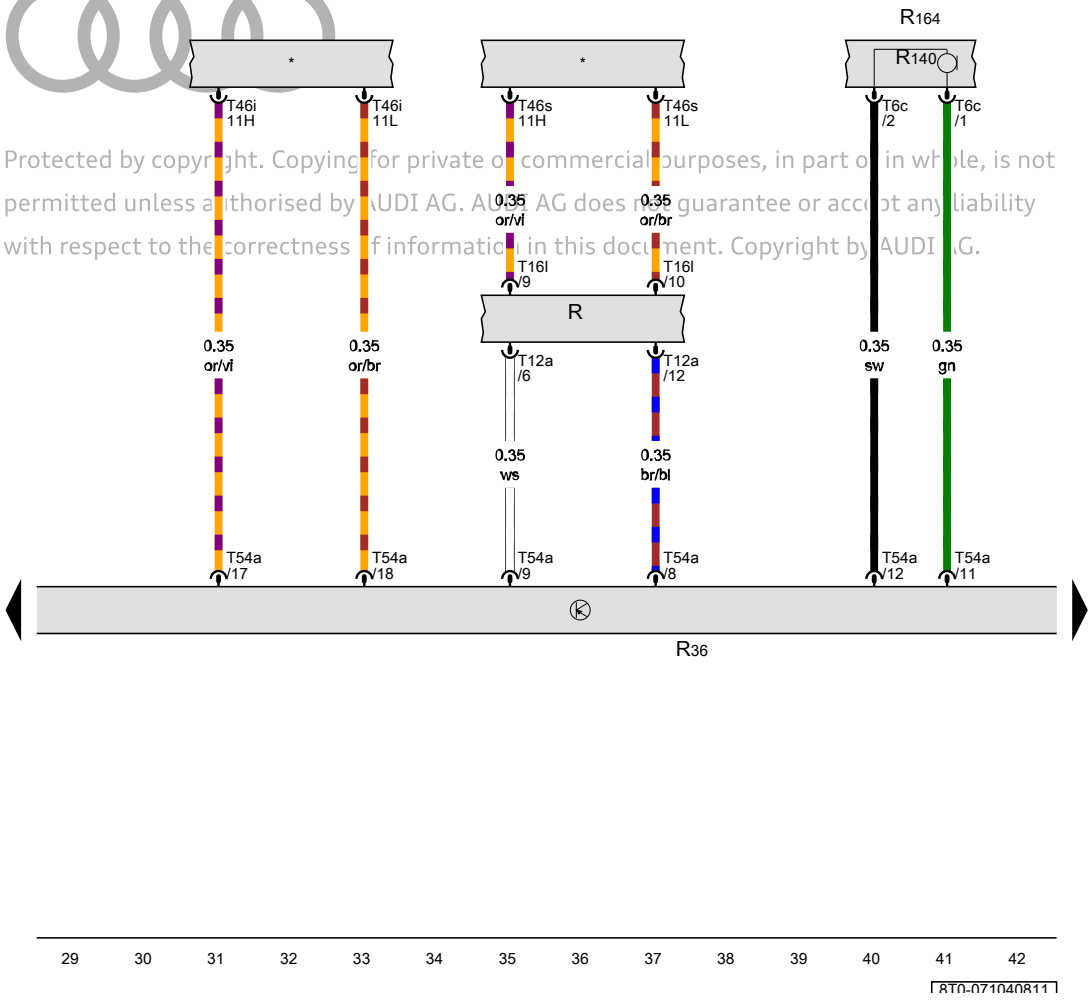
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Telephone transmitter and receiver unit, Aerial amplifier for mobile telephone, Aerial for Bluetooth

R36	Telephone transmitter and receiver unit
R86	Aerial amplifier for mobile telephone
R152	Aerial for Bluetooth
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T1ax	Single connector
T1ay	Single connector
T4ak	4-pin connector
T54a	54-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
688	Earth point 2, on centre tunnel
B280	Positive connection 4 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Only models with Bluetooth
*4	Up to April 2009

Radio, Telephone transmitter and receiver unit, Front left microphone, Microphone unit in front roof module

R	Radio
R36	Telephone transmitter and receiver unit
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T12a	12-pin connector
T16l	16-pin connector
T46i	46-pin connector
T46s	46-pin connector
T54a	54-pin connector
*	see applicable current flow diagram

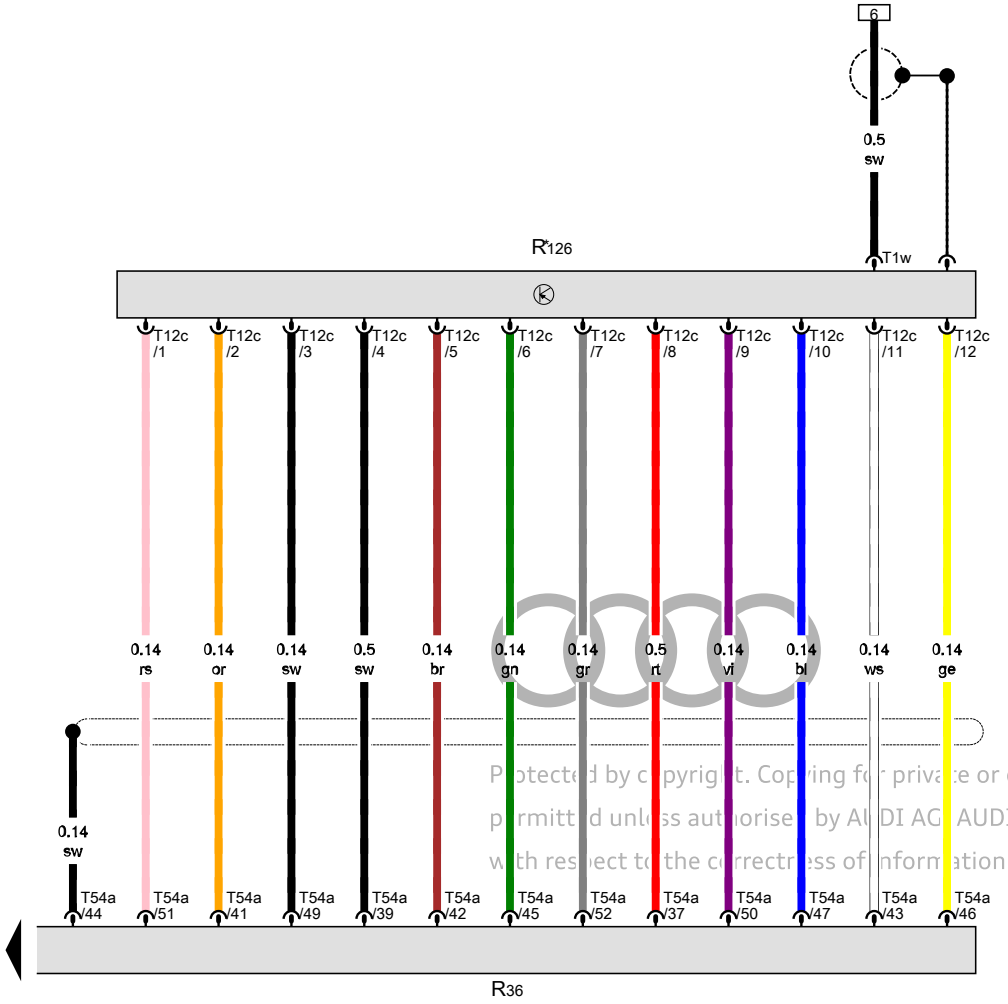


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rs	=	pink

Telephone transmitter and receiver unit, Telephone bracket

R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T1w	Single connector
T12c	12-pin connector
T54a	54-pin connector
*	According to equipment



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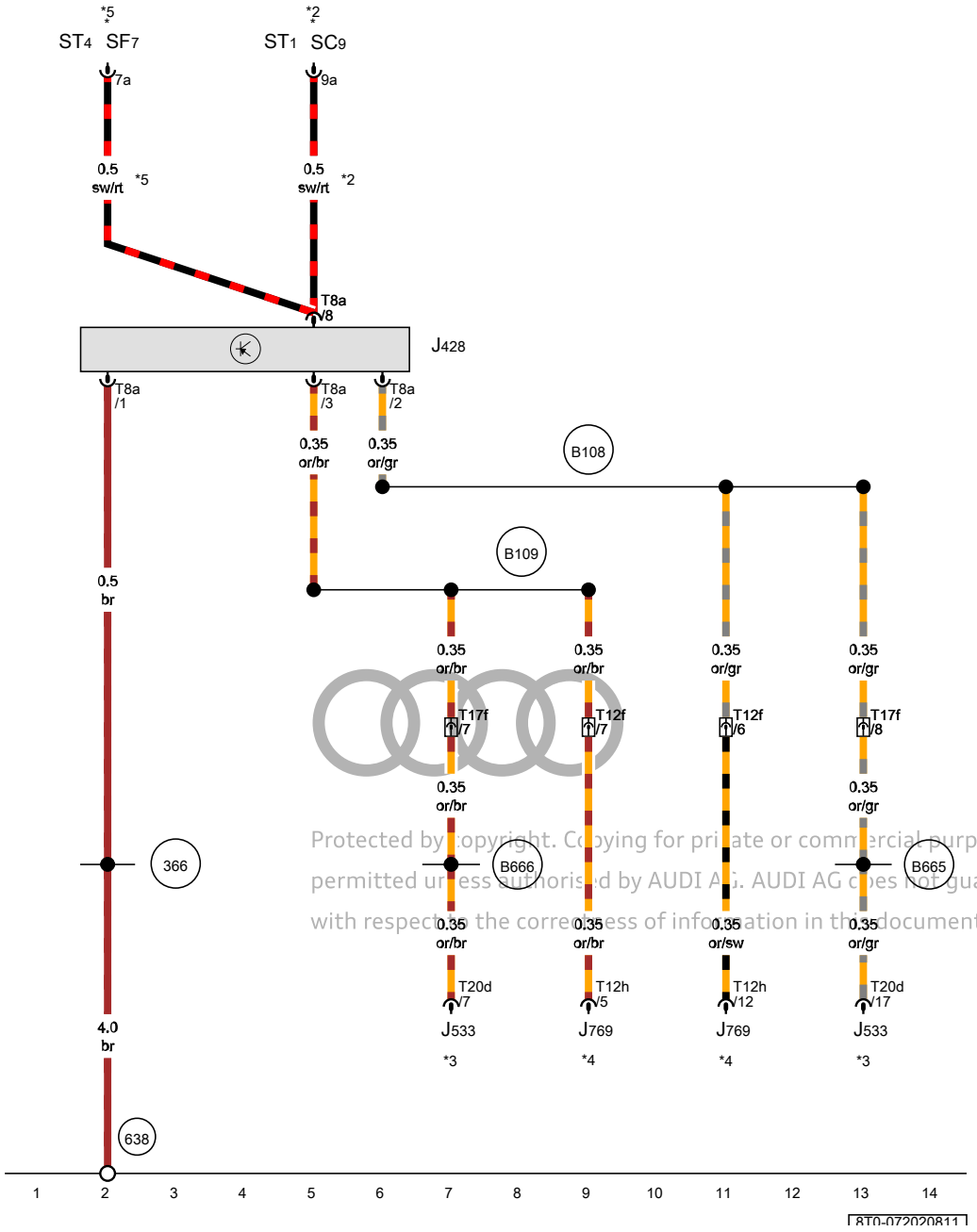
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Adaptive cruise control

From June 2007

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Adaptive cruise control unit

J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST1	Fuse carrier 1
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
SC9	Fuse 9 on fuse holder C
T8a	8-pin connector
T12f	12-pin connector
T12h	12-pin connector
T17f	17-pin connector, brown
T20d	20-pin connector
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	see applicable current flow diagram
*4	see applicable current flow diagram for lane change assist
*5	Up to April 2009

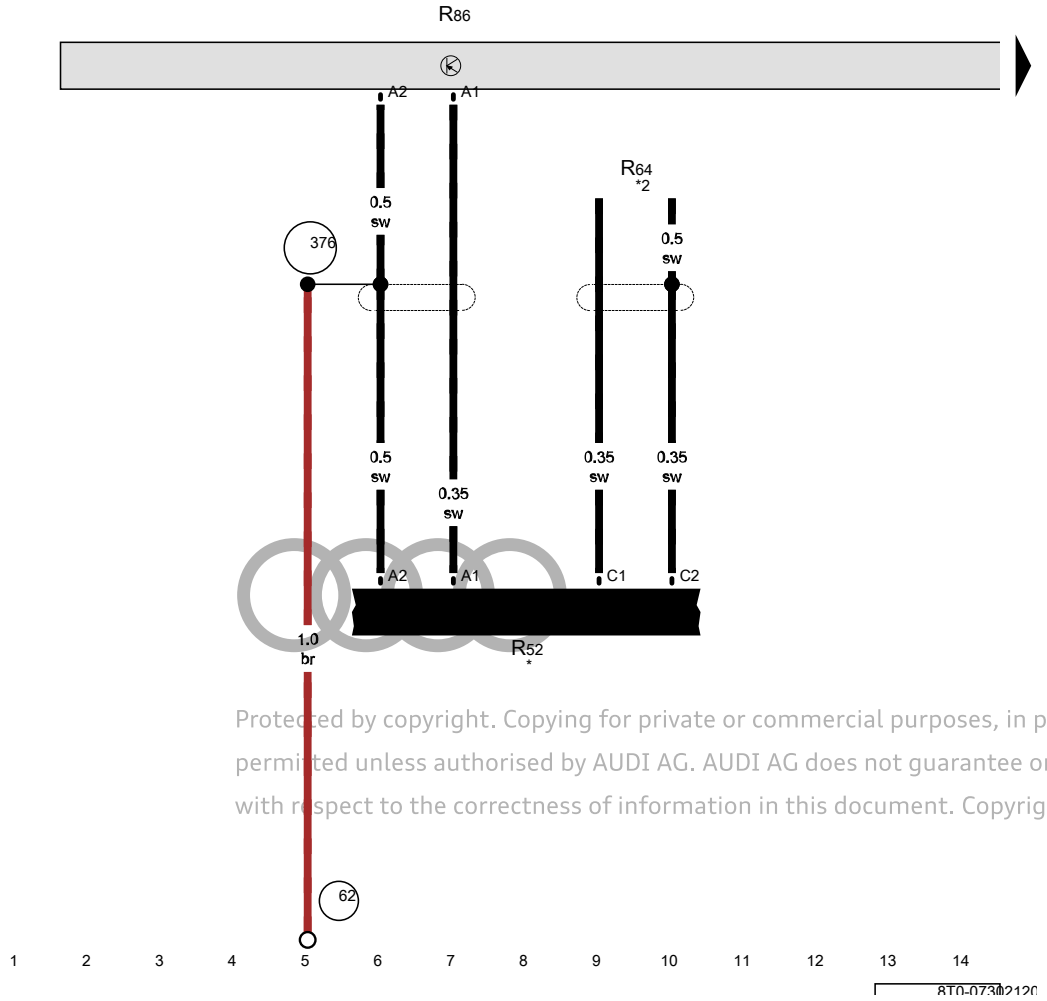
Preparation for mobile telephone (MOST bus)

From May 2008

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Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Aerial amplifier for mobile telephone, Auxiliary heater aerial

R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R86	Aerial amplifier for mobile telephone
R182	Auxiliary heater aerial
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Roof aerial
*2	Only models with auxiliary heating

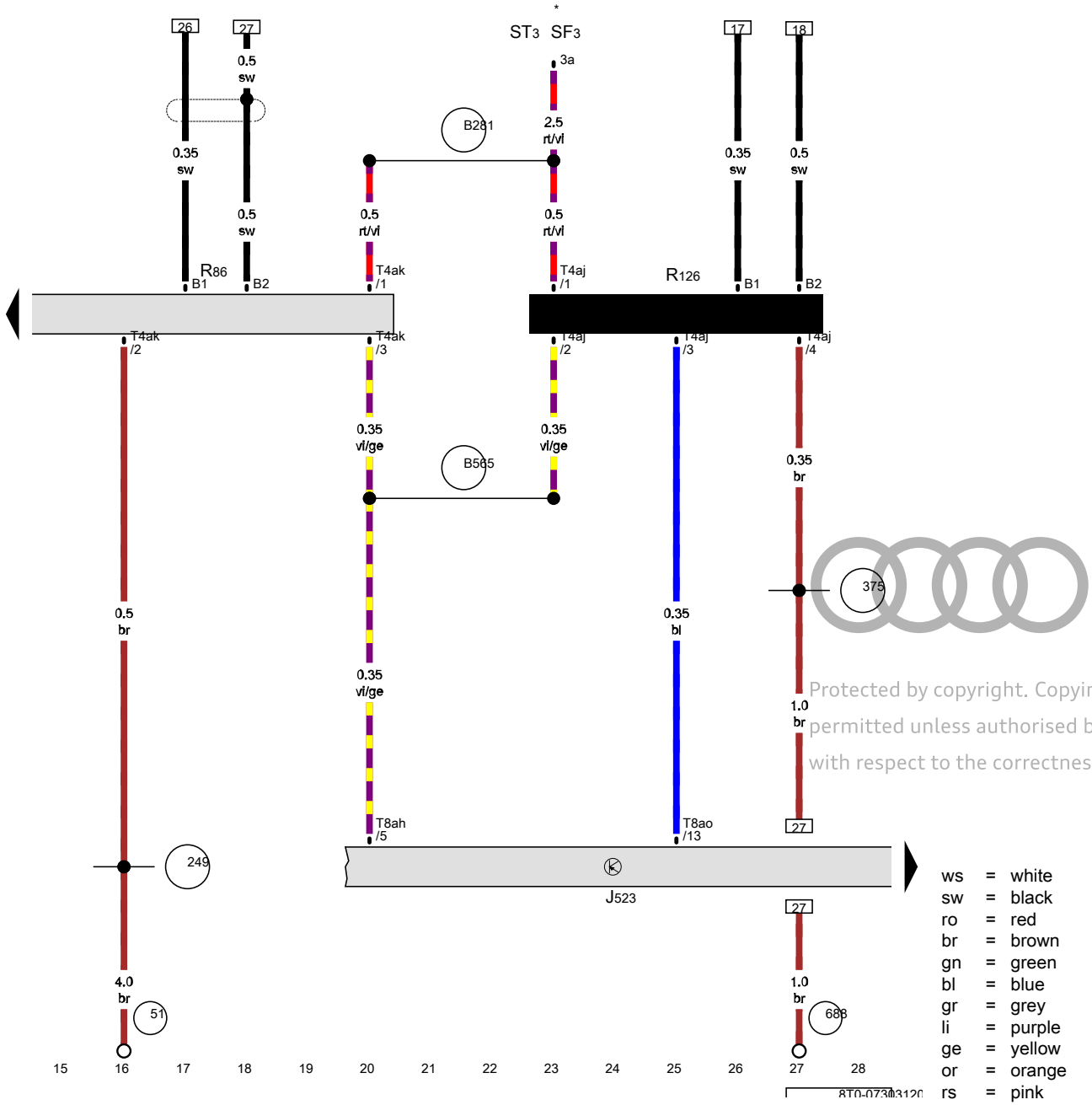


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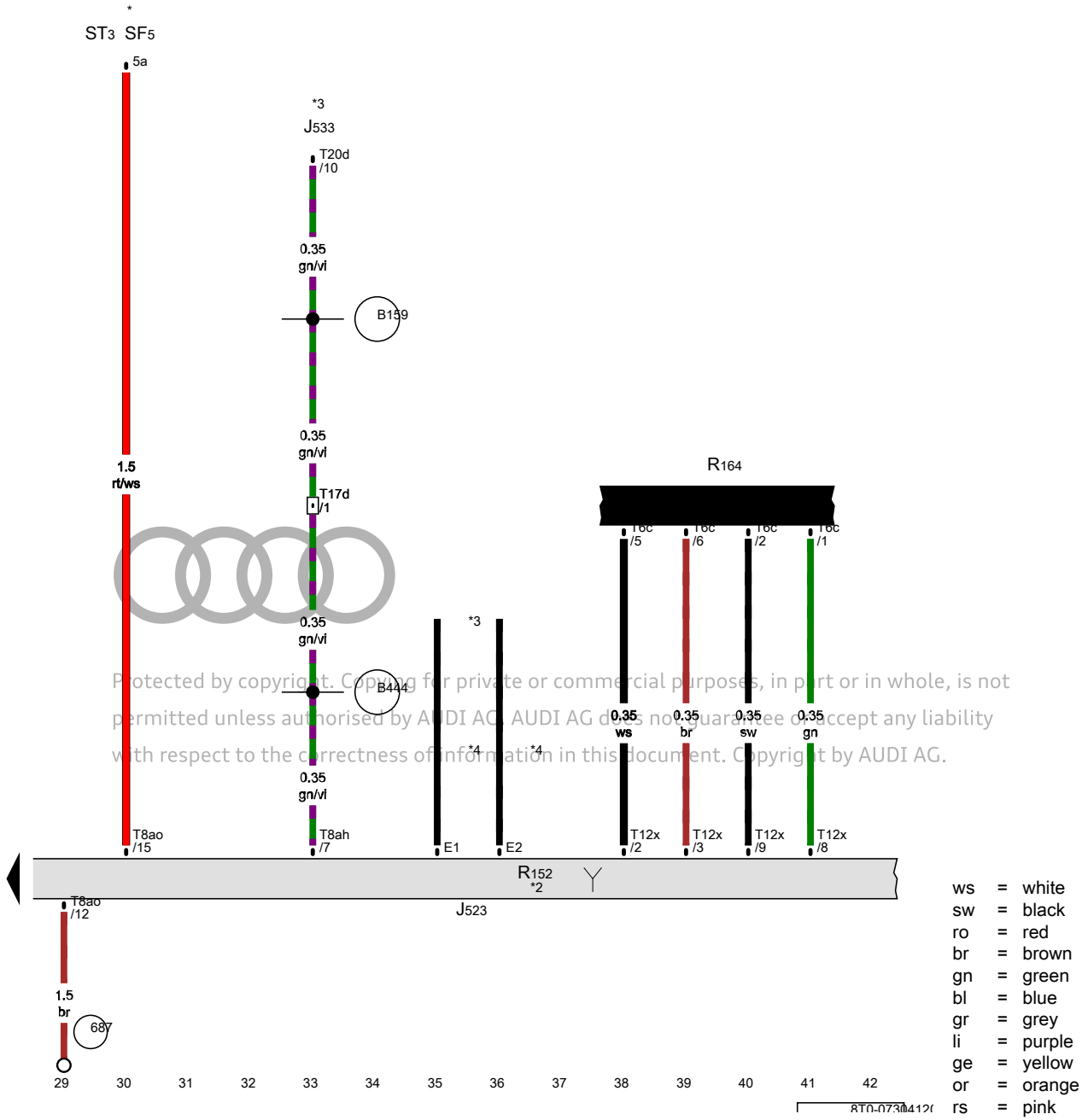
Control unit for front display and information control panel, Aerial amplifier for mobile telephone, Telephone bracket

J523	Control unit for front display and information control panel
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
T4aj	4-pin connector
T4ak	4-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	see applicable current flow diagram for fuse assignment



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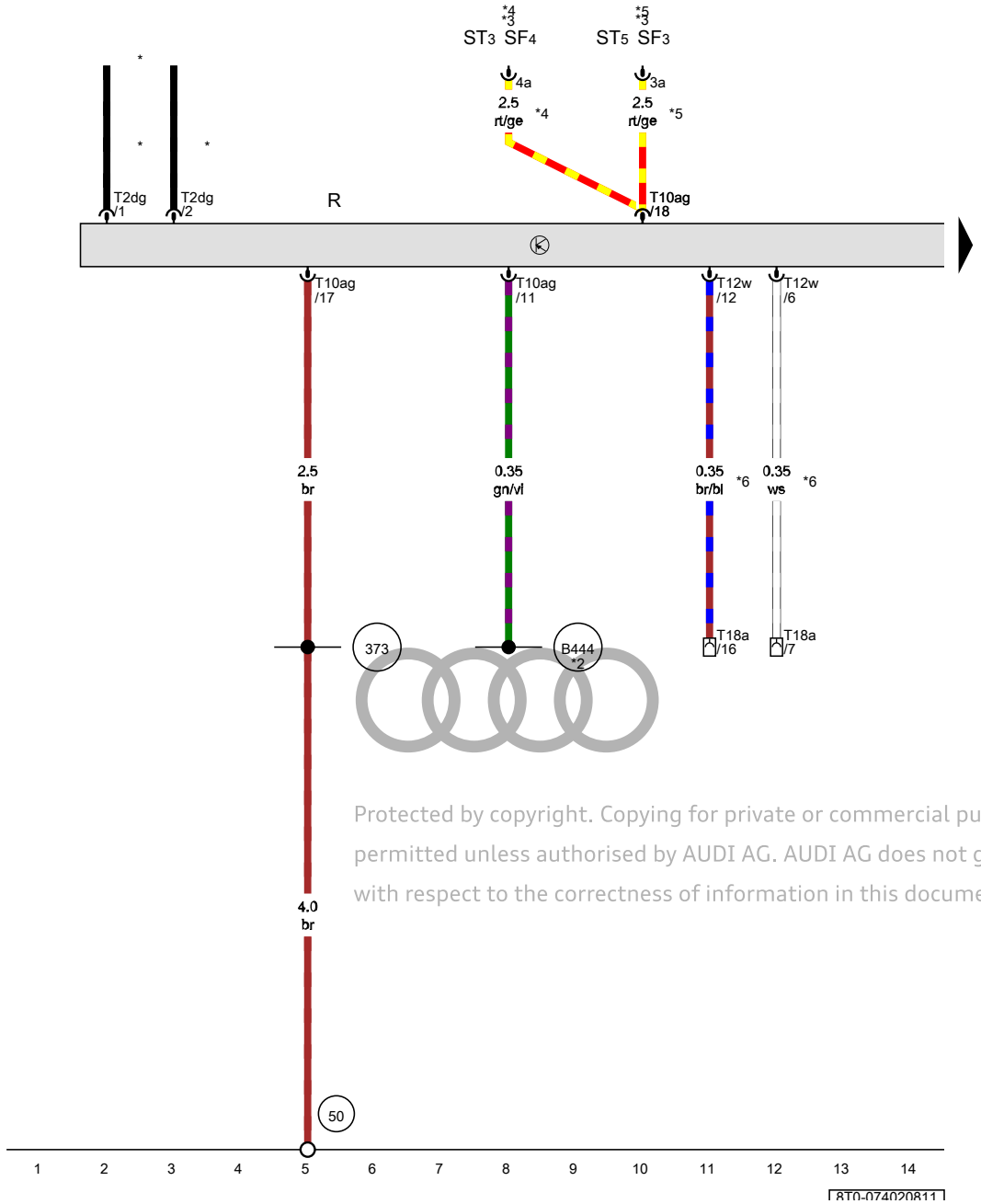
Control unit for front display and information control panel, Data bus diagnostic interface, Telephone microphone, Aerial for Bluetooth, Microphone unit in front roof module, Voice command microphone

J523	Control unit for front display and information control panel
J533	Data bus diagnostic interface
R38	Telephone microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
R206	Voice command microphone
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T6c	6-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
T17d	17-pin connector, brown
T20d	20-pin connector
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with Bluetooth
*3	see applicable current flow diagram
*4	Fibre optic cable (FOC)

MMI with radio and basic sound system

From September 2008

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Radio

R	Radio
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T2dg	2-pin connector
T10ag	10-pin connector
T12w	12-pin connector
T18a	18-pin connector, under centre console
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	Fibre optic cable (FOC)
*2	see applicable current flow diagram
*3	see applicable current flow diagram for fuse assignment
*4	Up to April 2009
*5	From May 2009
*6	see applicable current flow diagram for telephone systems

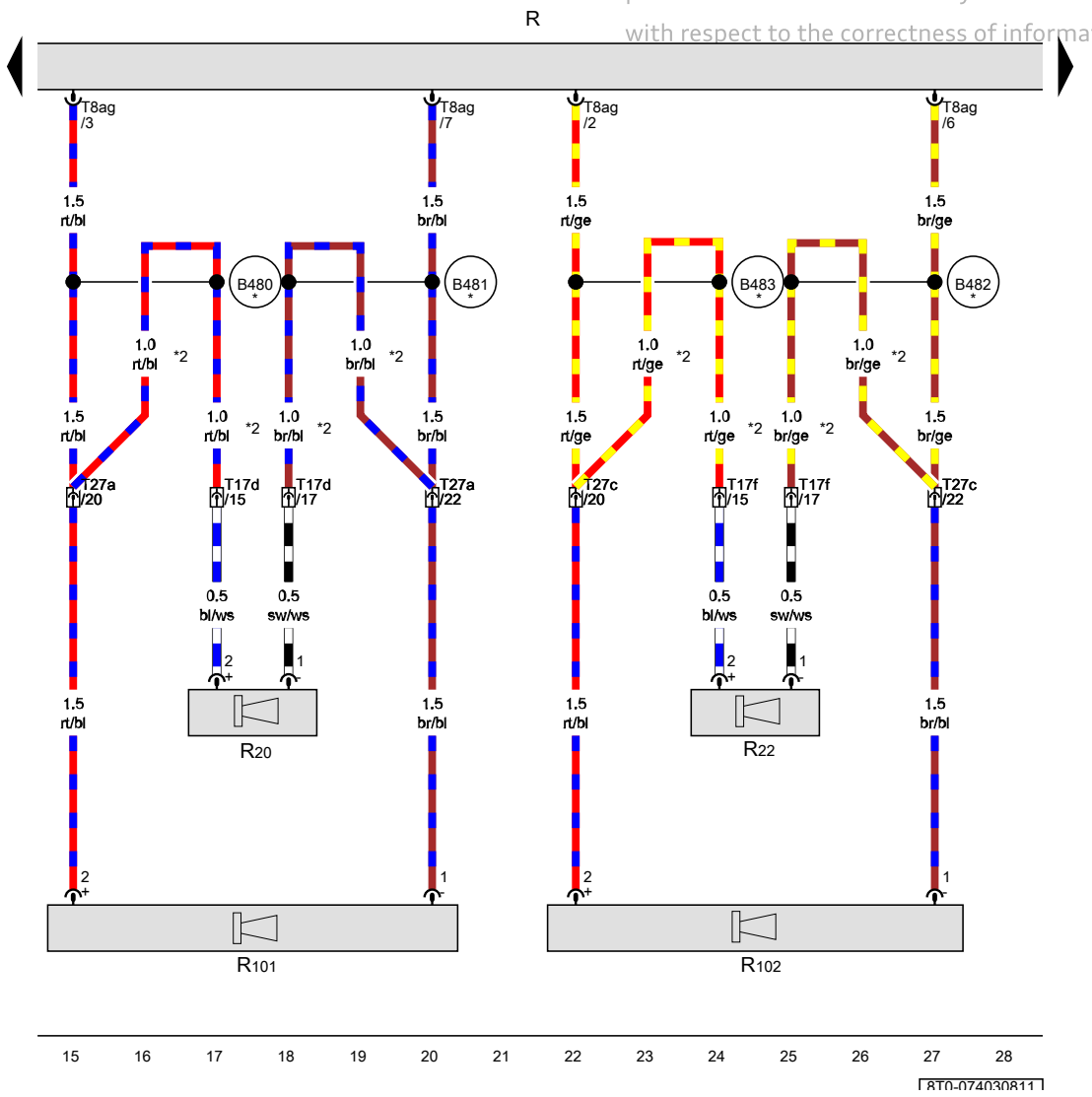
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Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
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
T8ag	8-pin connector
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T27a	27-pin connector, black
T27c	27-pin connector, black
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

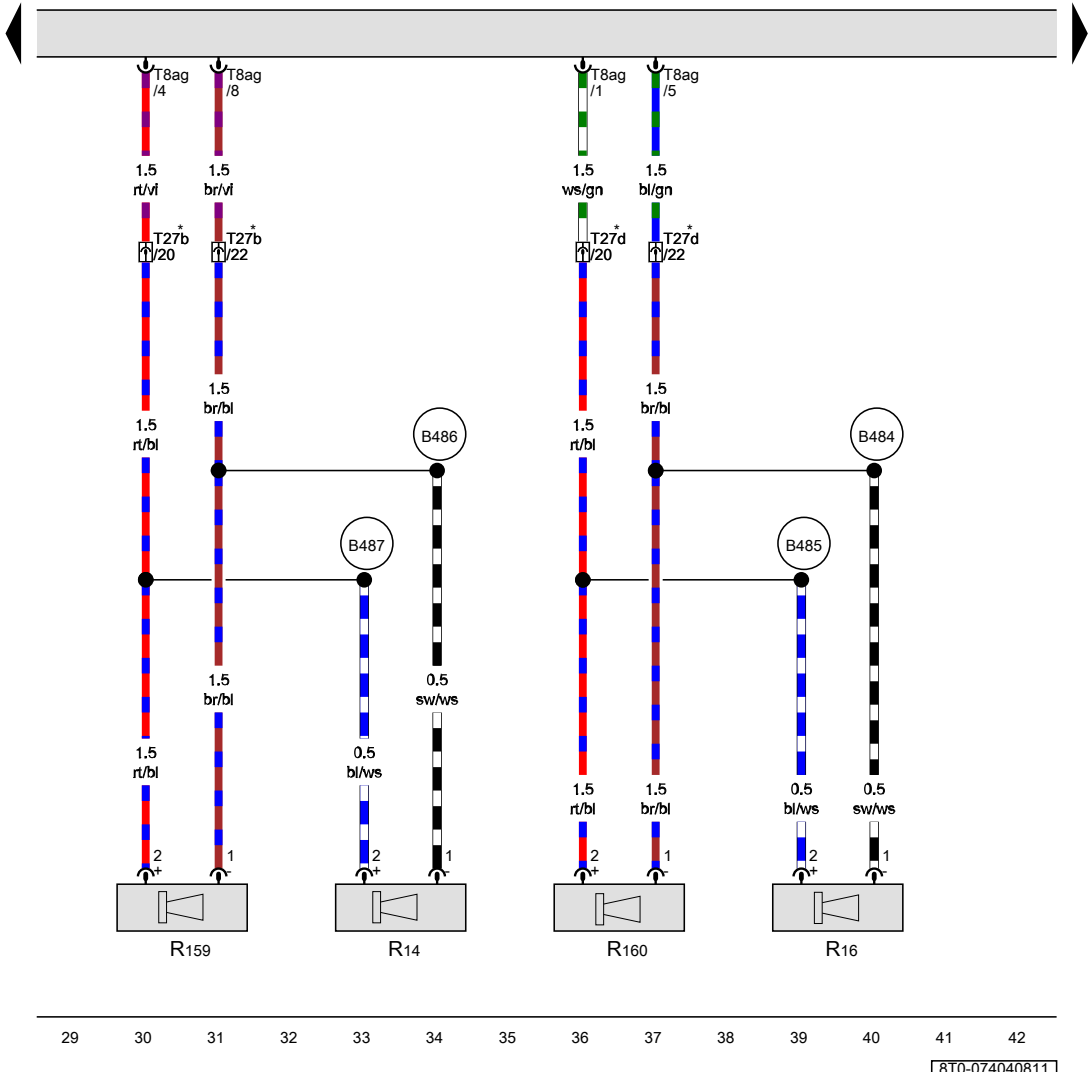


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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

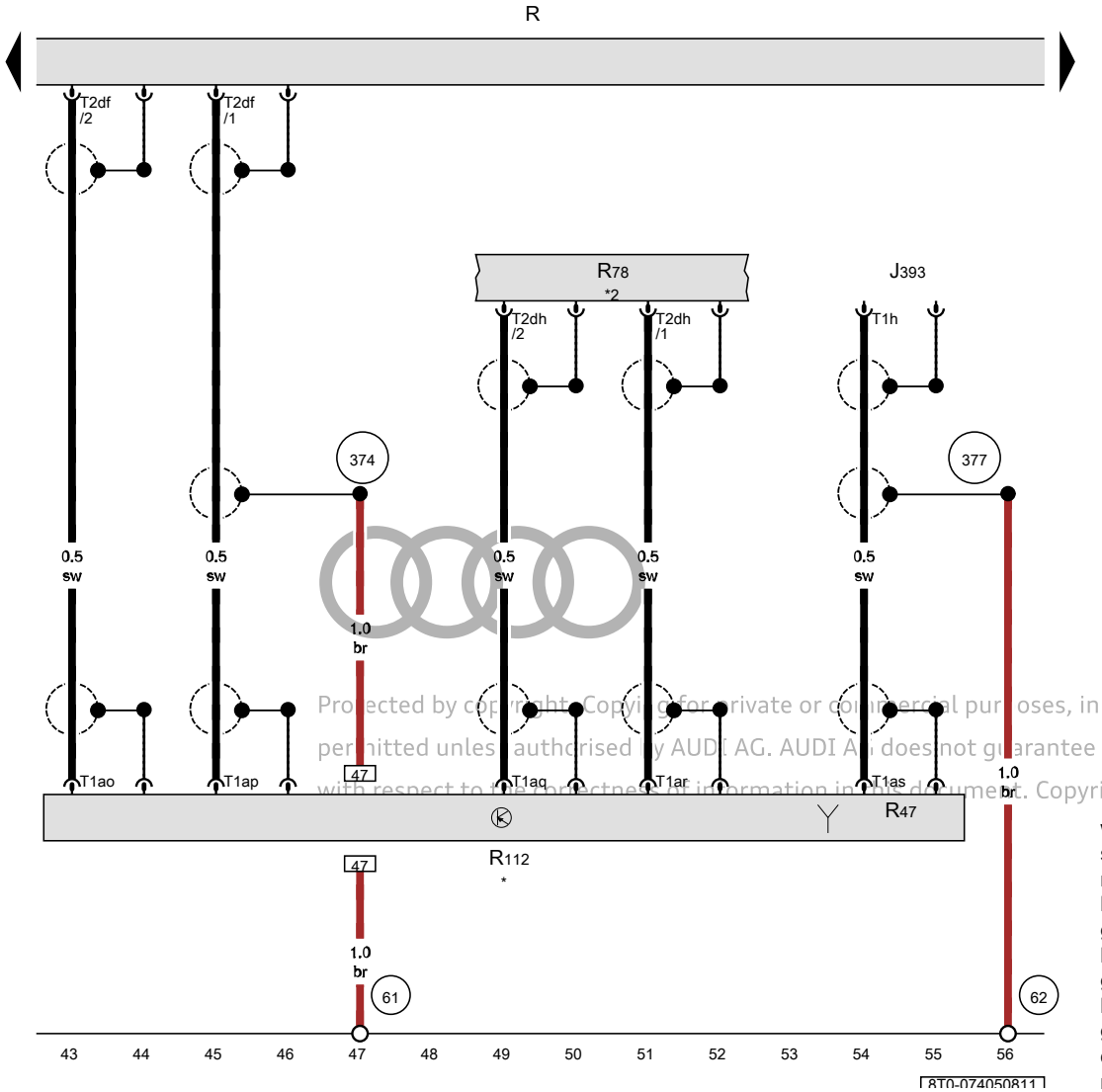
R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T8ag	8-pin connector
T27b	27-pin connector, black
T27d	27-pin connector, black
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors



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rs = pink

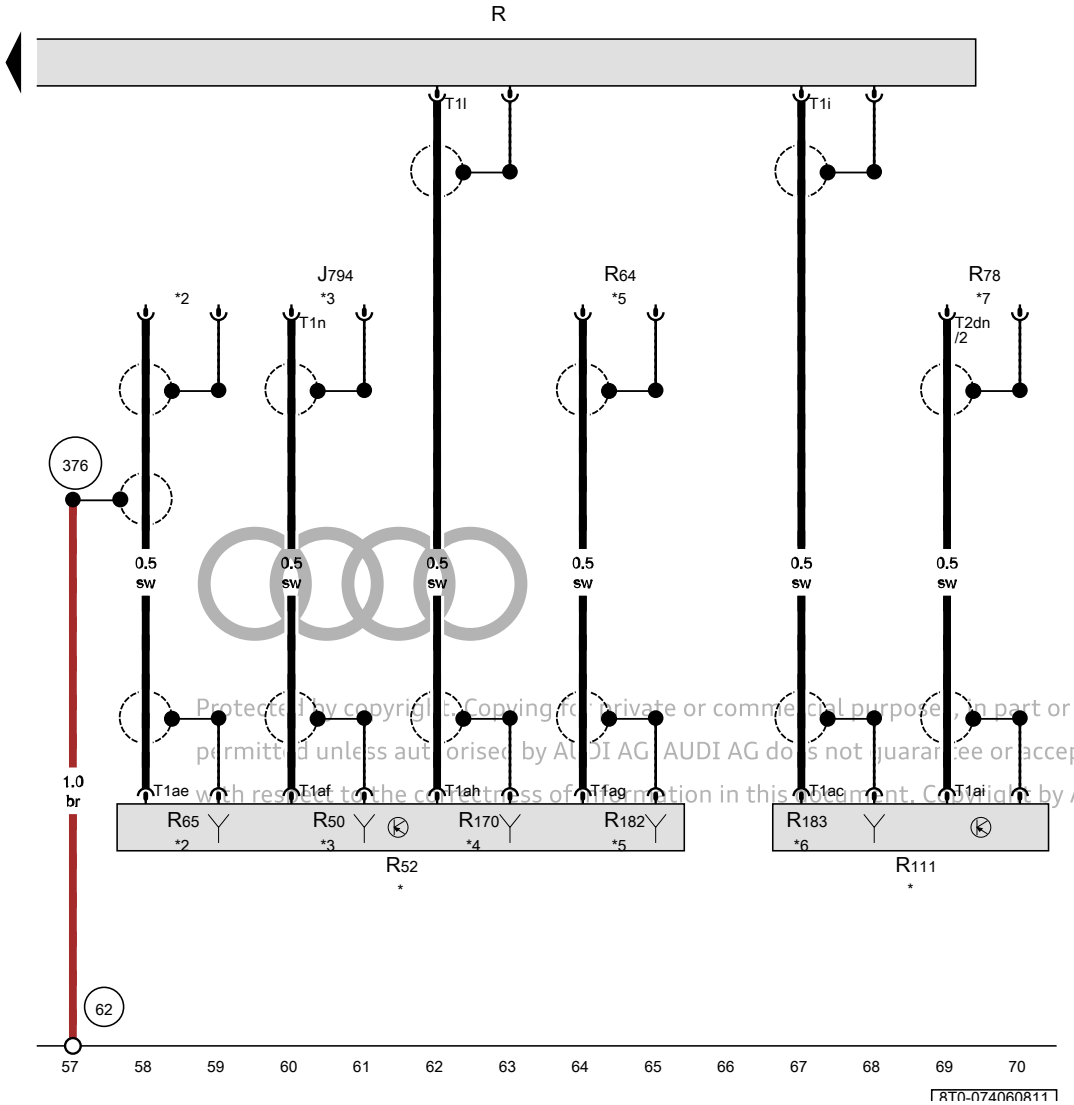
Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with TV tuner



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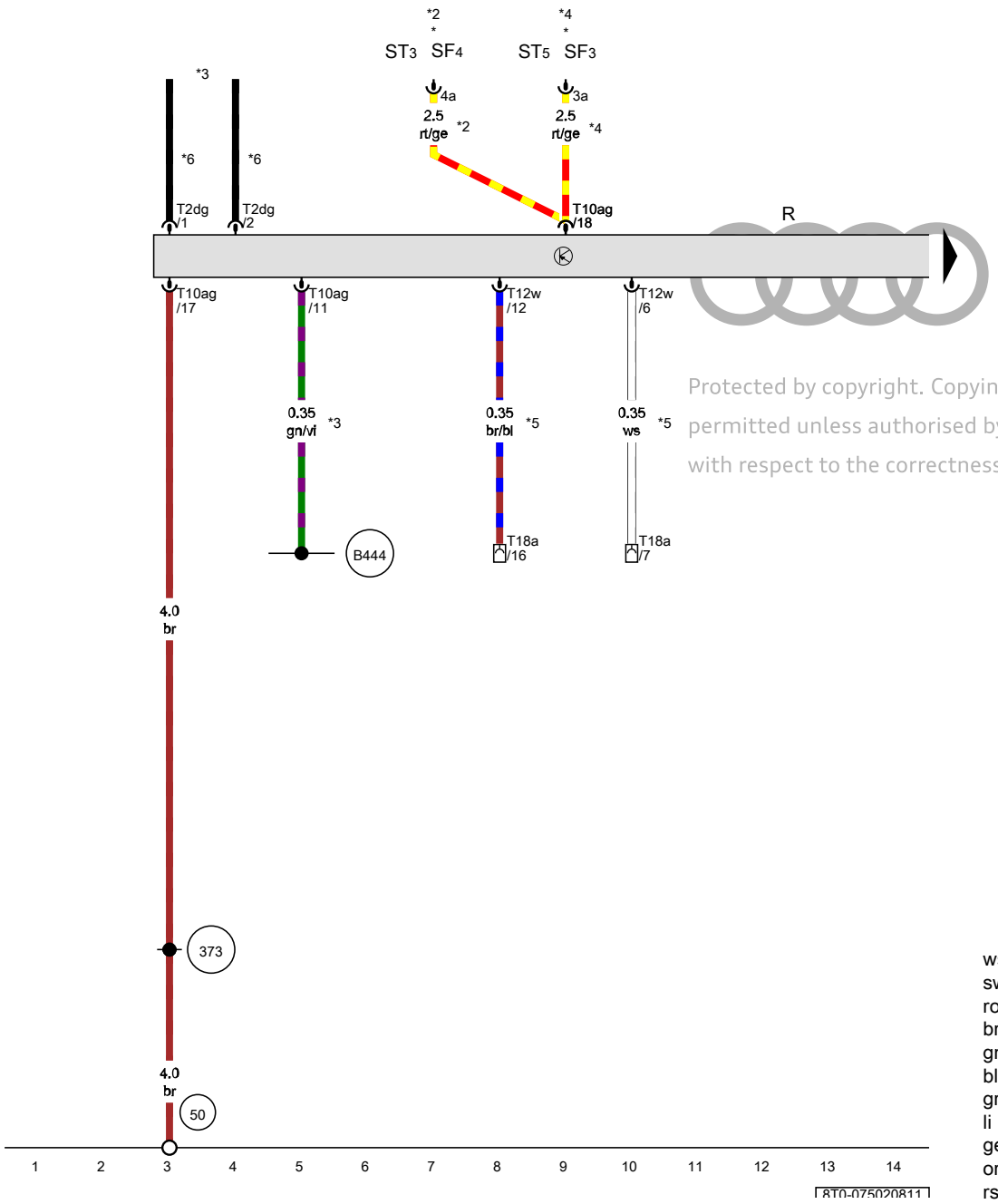
Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Only models with mobile telephone/telephone
*3	Optional equipment
*4	Only models with satellite radio
*5	Only models with auxiliary heating
*6	Only models with digital radio
*7	Only models with TV tuner

MMI with radio and Standard sound system

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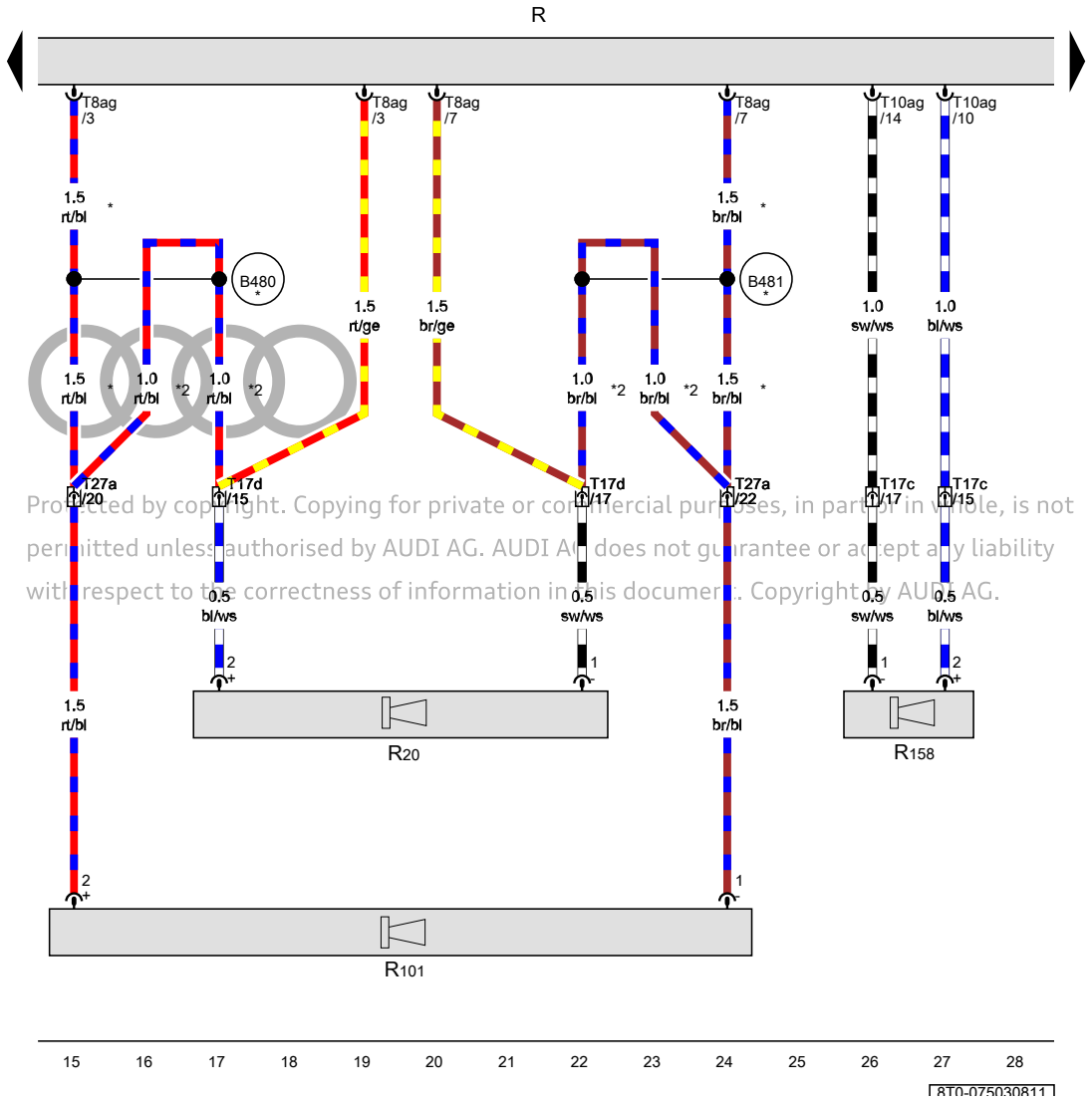
Radio

R	Radio
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T2dg	2-pin connector
T10ag	10-pin connector
T12w	12-pin connector
T18a	18-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to April 2009
*3	see applicable current flow diagram
*4	From May 2009
*5	see applicable current flow diagram for preparation for mobile telephone
*6	Fibre optic cable (FOC)

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

Radio, Front left treble loudspeaker, Front left mid-range and bass loudspeaker, Centre mid-range and treble loudspeaker

R	Radio
R20	Front left treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R158	Centre mid-range and treble loudspeaker
T8ag	8-pin connector
T10ag	10-pin connector
T17c	17-pin connector, black
T17d	17-pin connector, brown
T27a	27-pin connector, lower part of A-pillar, driver side
B480	Connection 16, in main wiring harness
B481	Connection 17, in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

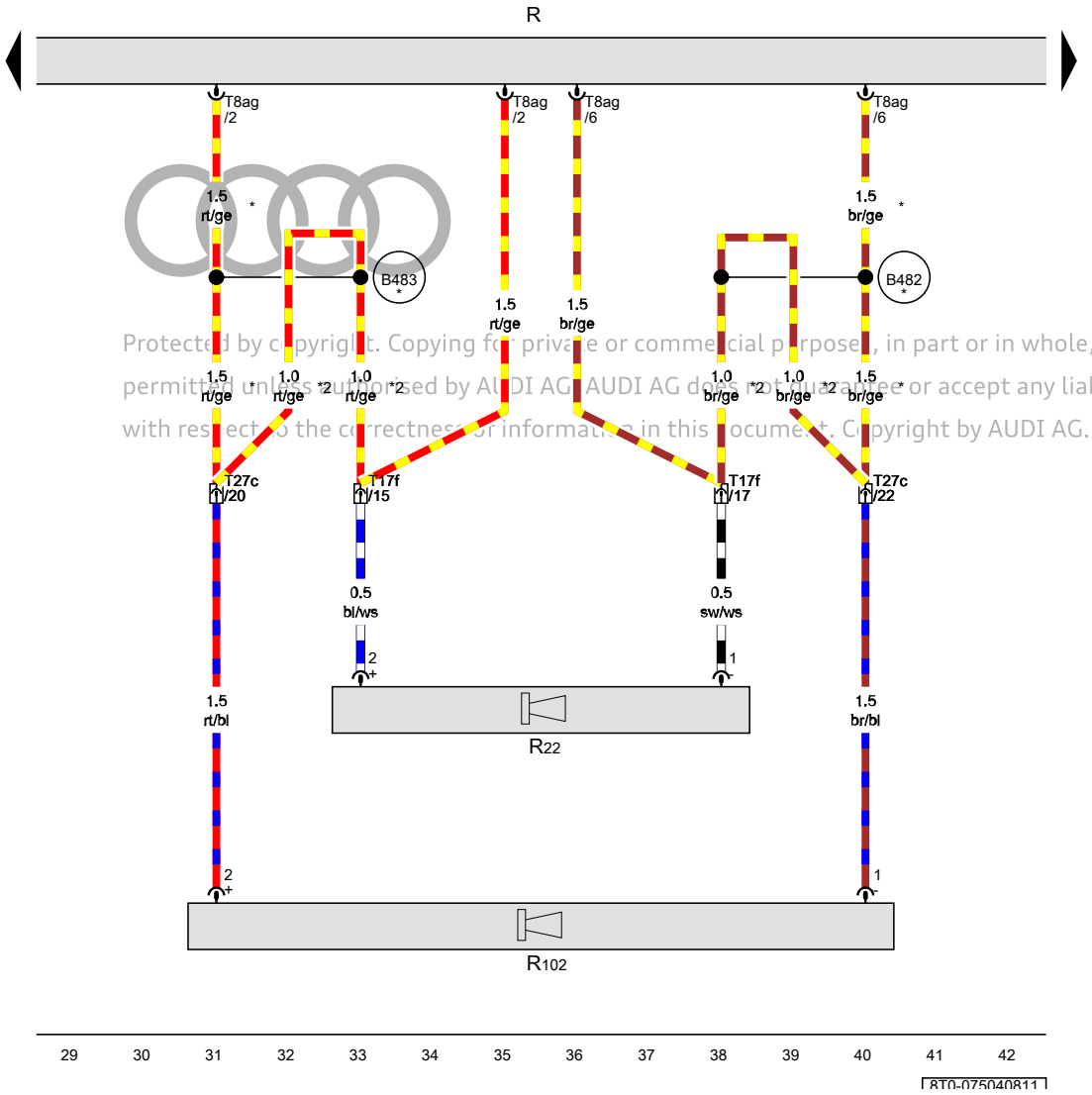


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rs	=	pink

Radio, Front right treble loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
R22	Front right treble loudspeaker
R102	Front right mid-range and bass loudspeaker
T8ag	8-pin connector
T17f	17-pin connector, brown
T27c	27-pin connector, lower part of A-pillar, front passenger side
B482	Connection 18, in main wiring harness
B483	Connection 19, in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

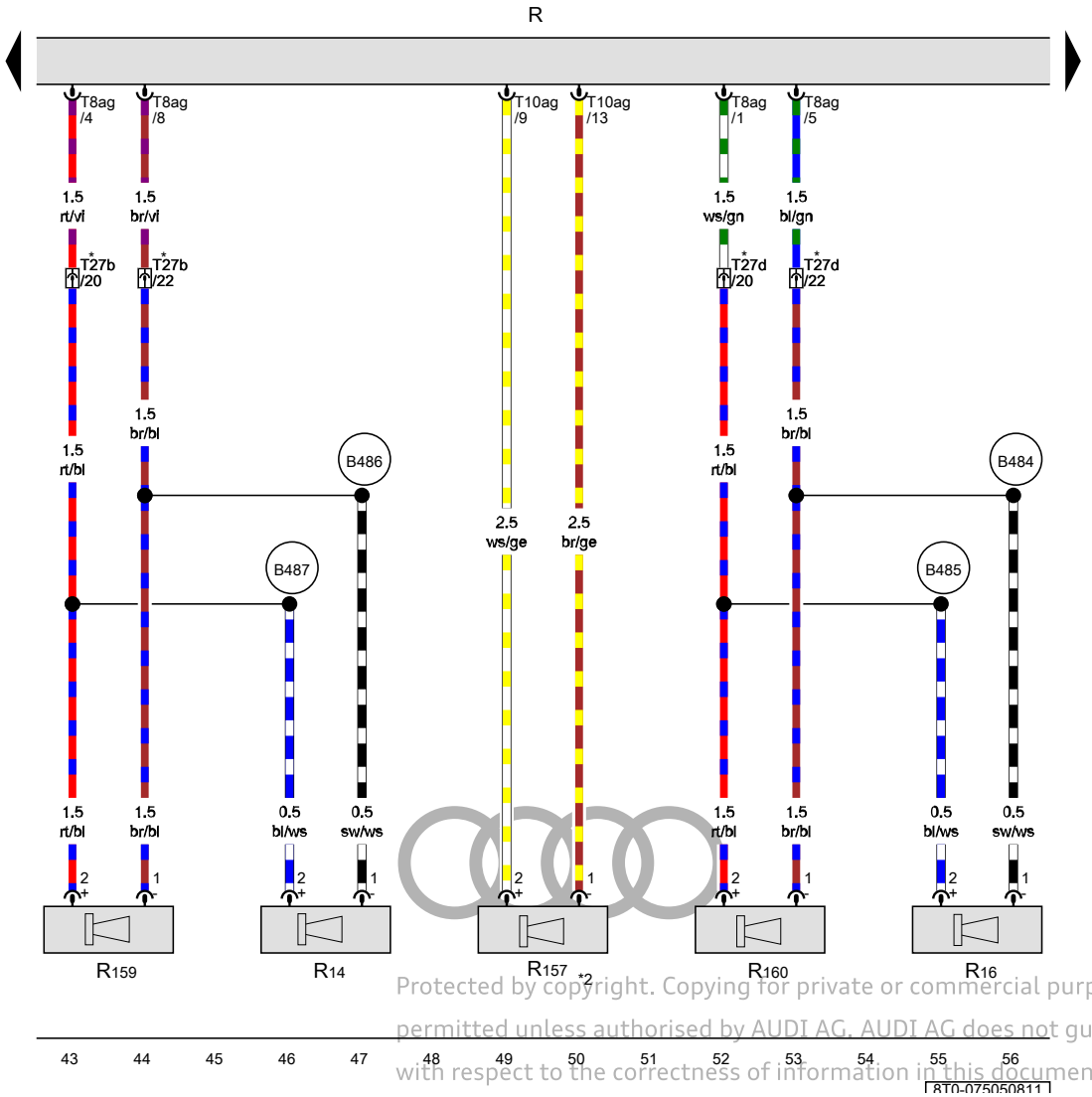


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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Subwoofer in rear shelf, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R157	Subwoofer in rear shelf, in spare wheel well
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T8ag	8-pin connector
T10ag	10-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	According to equipment

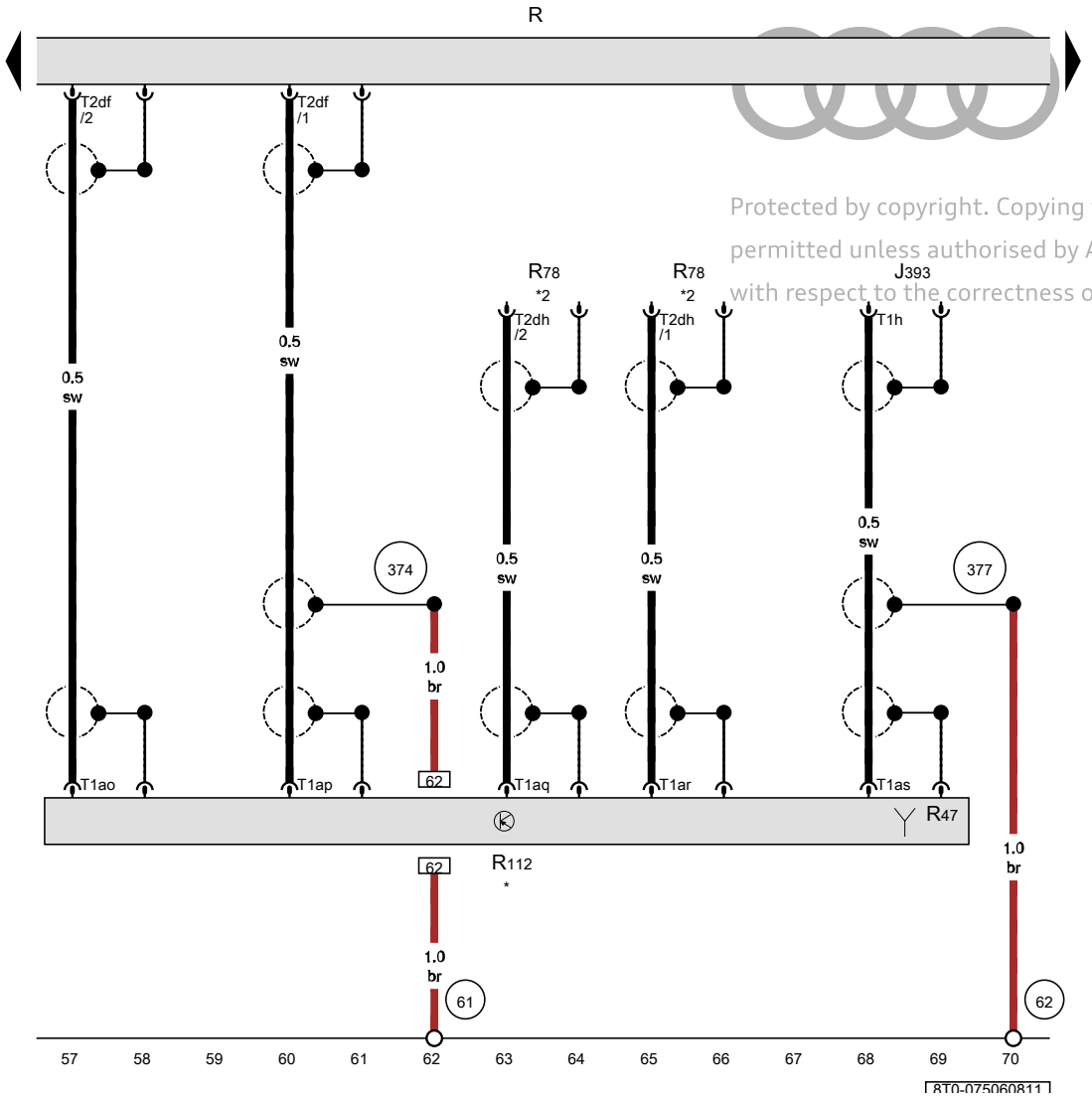


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Radio, Central locking and anti-theft alarm system aerial, Aerial amplifier 3

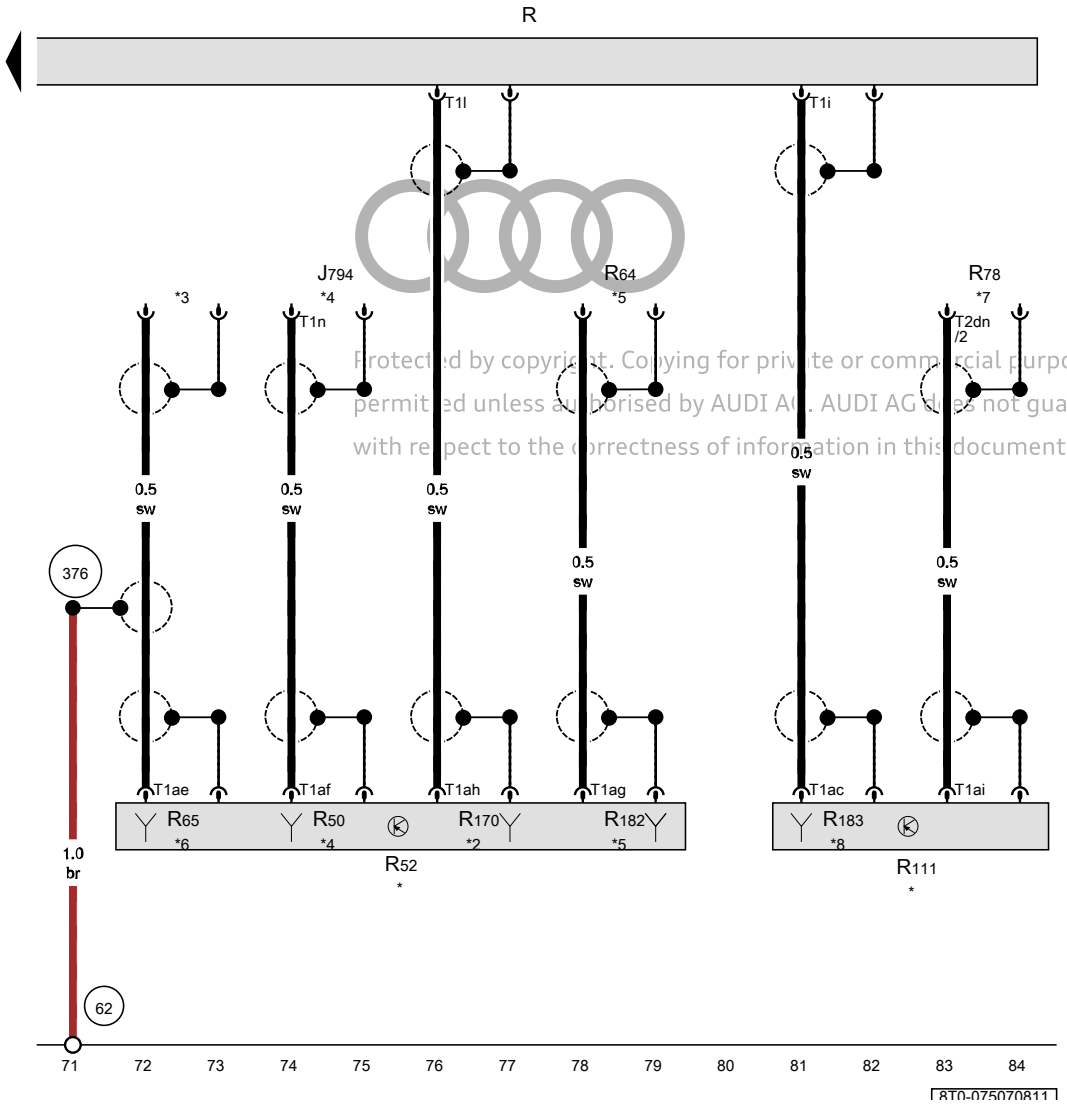
J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 2-doors
*2	Only models with TV tuner



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

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Radio, GPS aerial, Radio, telephone and navigation system aerial, Telephone aerial, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial



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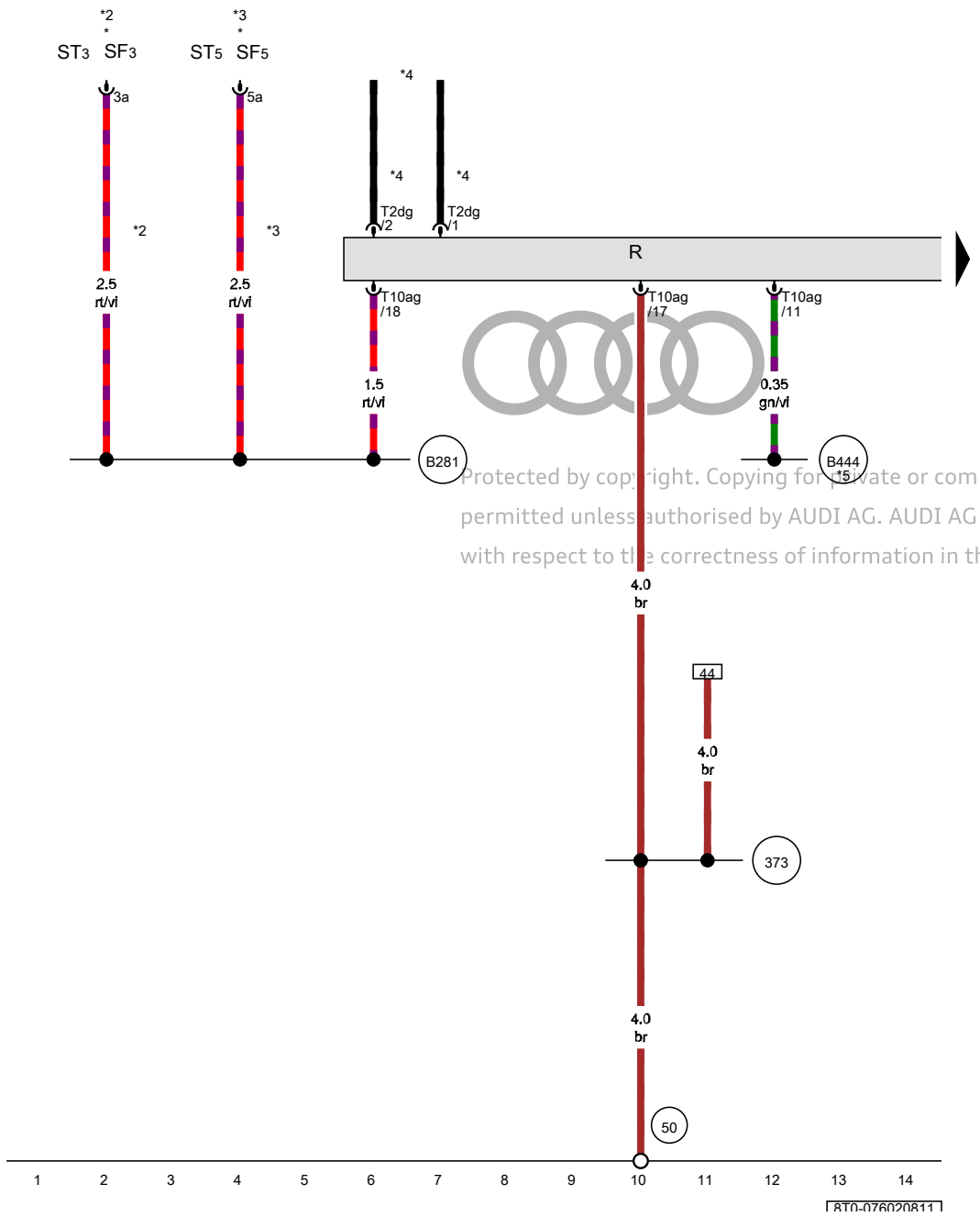
J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Only models with 2-doors
*2	Only models with satellite radio
*3	see applicable current flow diagram for telephone systems
*4	Only models with navigation system
*5	Only models with auxiliary heating
*6	Only models with mobile telephone/telephone
*7	Only models with TV tuner
*8	Only models with digital radio

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MMI with radio and Bang & Olufsen sound system

From September 2008

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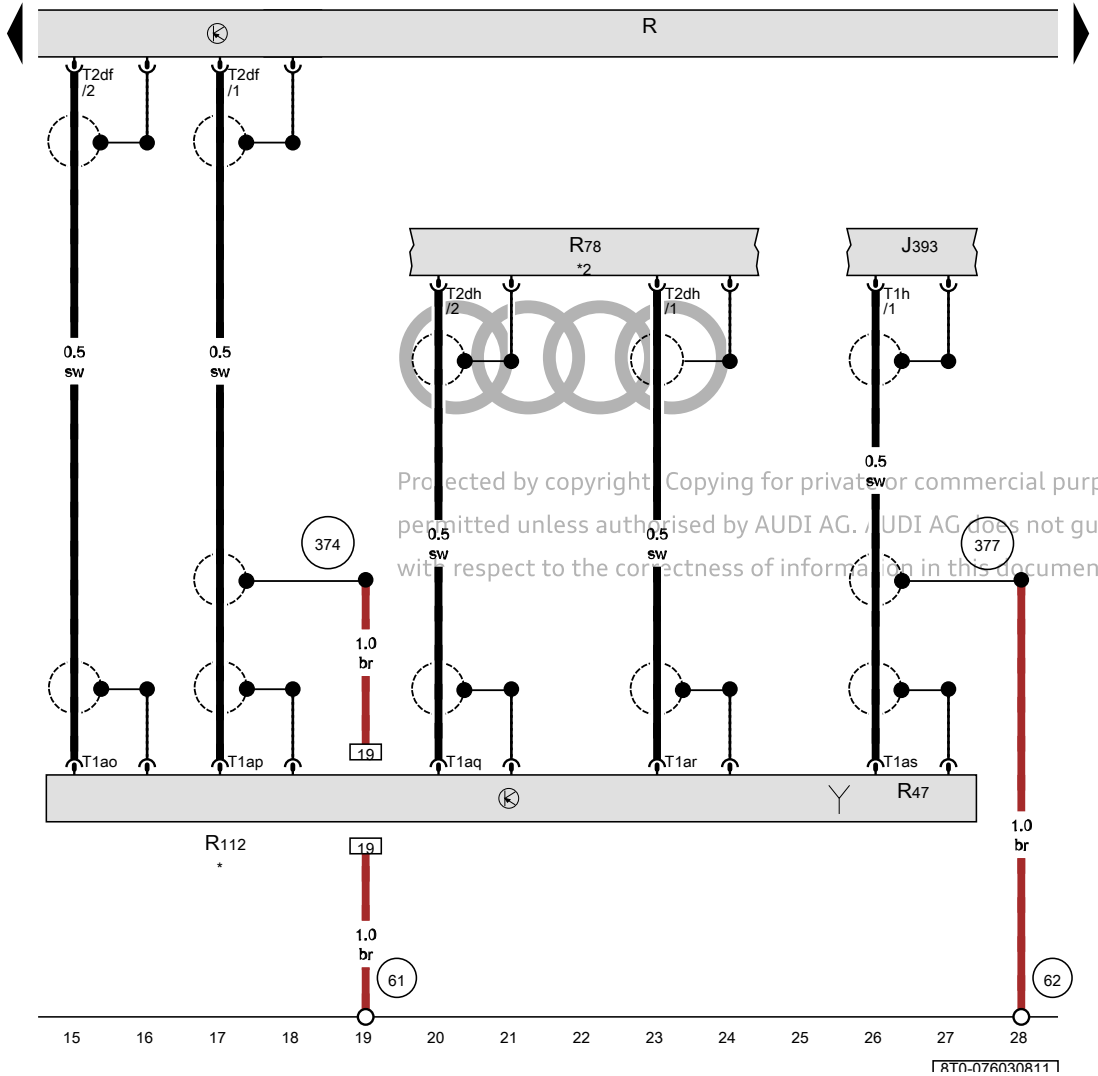
Radio

R	Radio
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T2dg	2-pin connector
T10ag	10-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to April 2009
*3	From May 2009
*4	Fibre optic cable (FOC)
*5	see applicable current flow diagram for ring circuit break diagnostic

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or	=	orange
rs	=	pink

Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

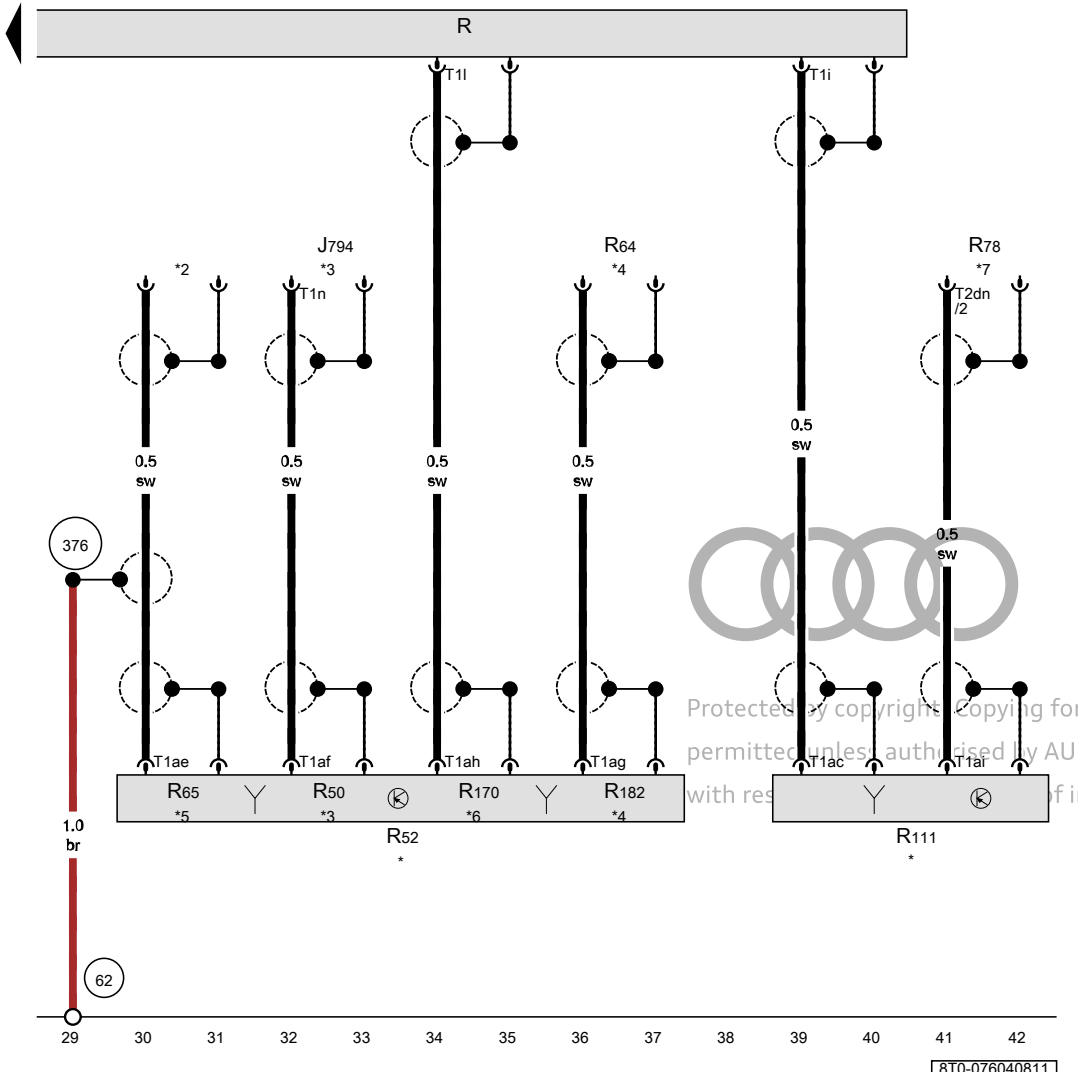
J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with TV tuner



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gr = grey
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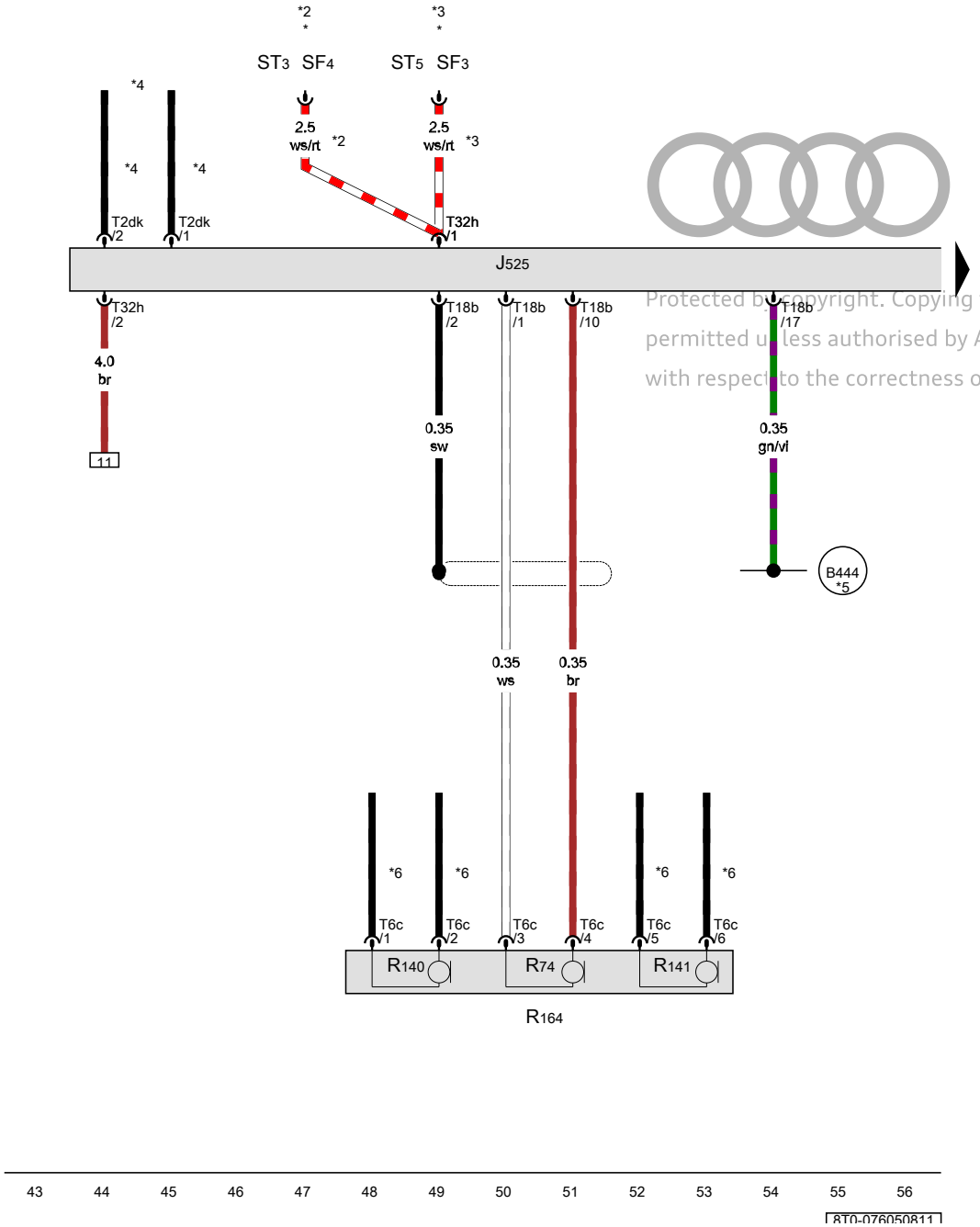
Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial



J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for telephone systems
*3	Optional equipment
*4	Only models with auxiliary heating
*5	Only models with mobile telephone/telephone
*6	Only models with satellite radio
*7	Only models with TV tuner

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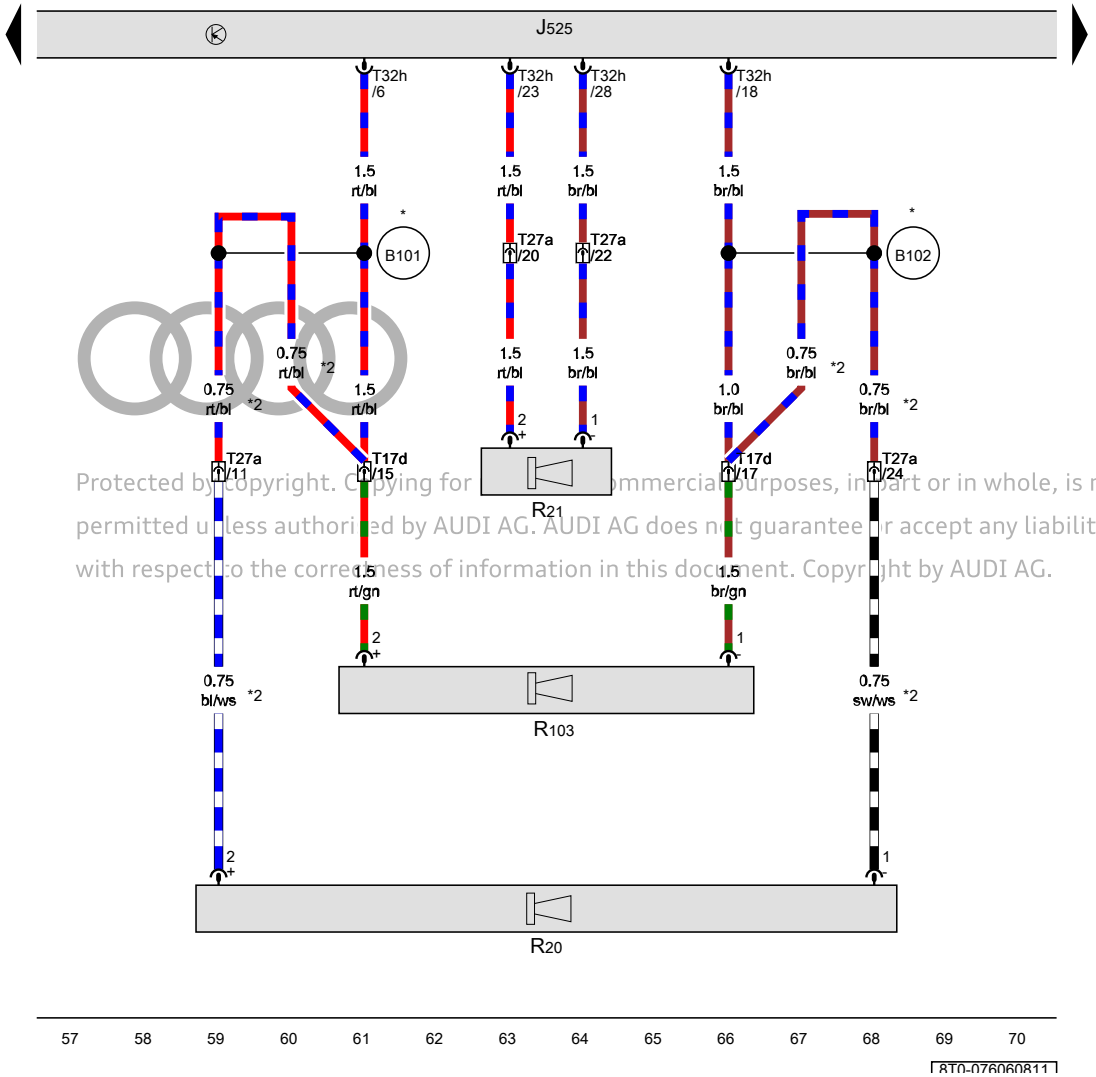
Digital sound package control unit, Internal microphone, Front left microphone, Front right microphone, Microphone unit in front roof module

J525	Digital sound package control unit
R74	Internal microphone
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T2dk	2-pin connector
T6c	6-pin connector
T18b	18-pin connector
T32h	32-pin connector
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to April 2009
*3	From May 2009
*4	Fibre optic cable (FOC)
*5	see applicable current flow diagram
*6	see applicable current flow diagram for telephone systems

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

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
T17d	17-pin connector, brown
T27a	27-pin connector, black
T32h	32-pin connector
B101	Connection (positive, front left speaker), in main wiring harness
B102	Connection (negative, front left speaker), in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment

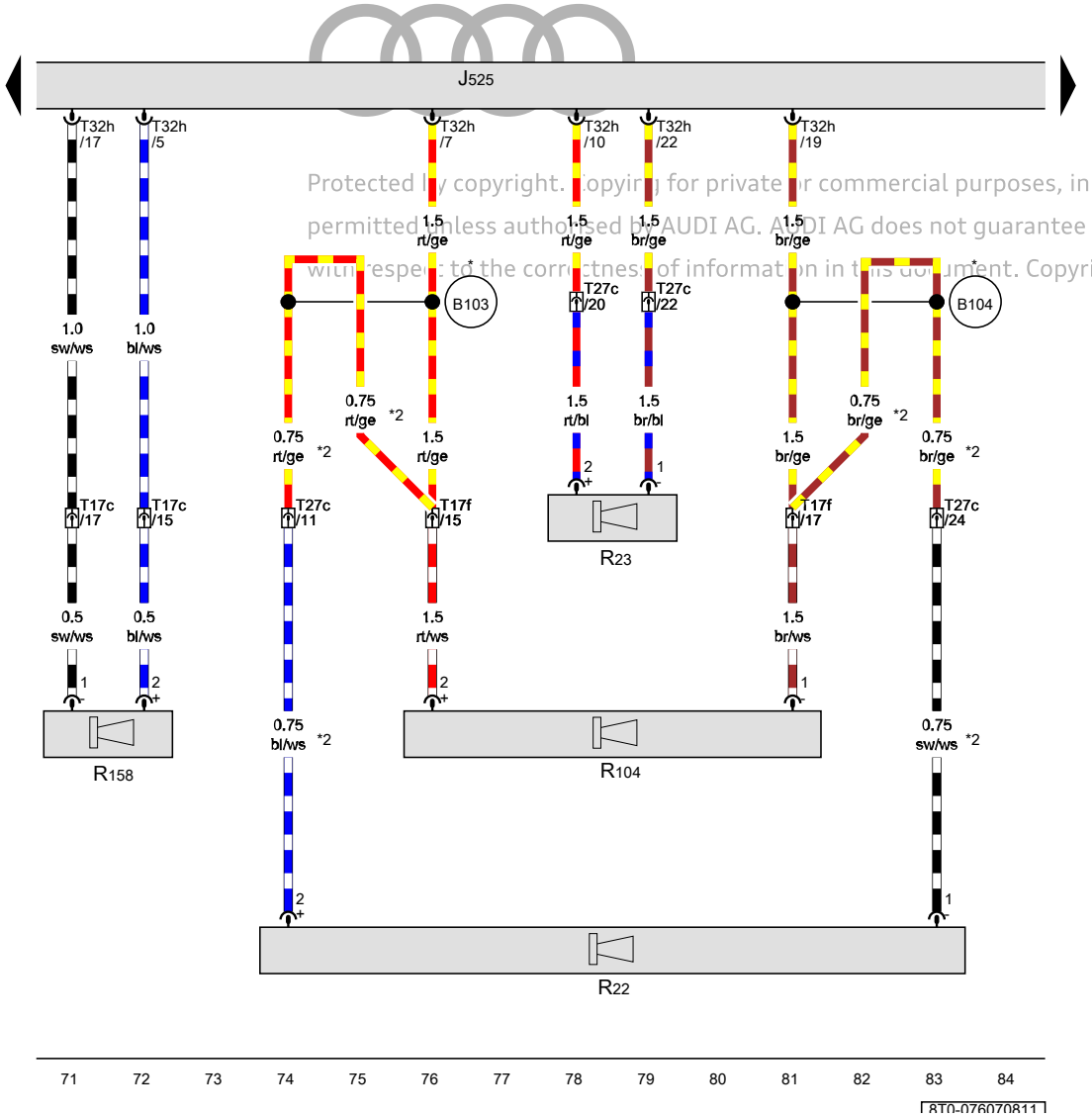


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Digital sound package control unit, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector, black
T17f	17-pin connector, brown
T27c	27-pin connector, black
T32h	32-pin connector
B103	Connection (positive, front right speaker), in main wiring harness
B104	Connection (negative, front right speaker), in main wiring harness
*	Gradually discontinued
*2	Cross section depends on equipment



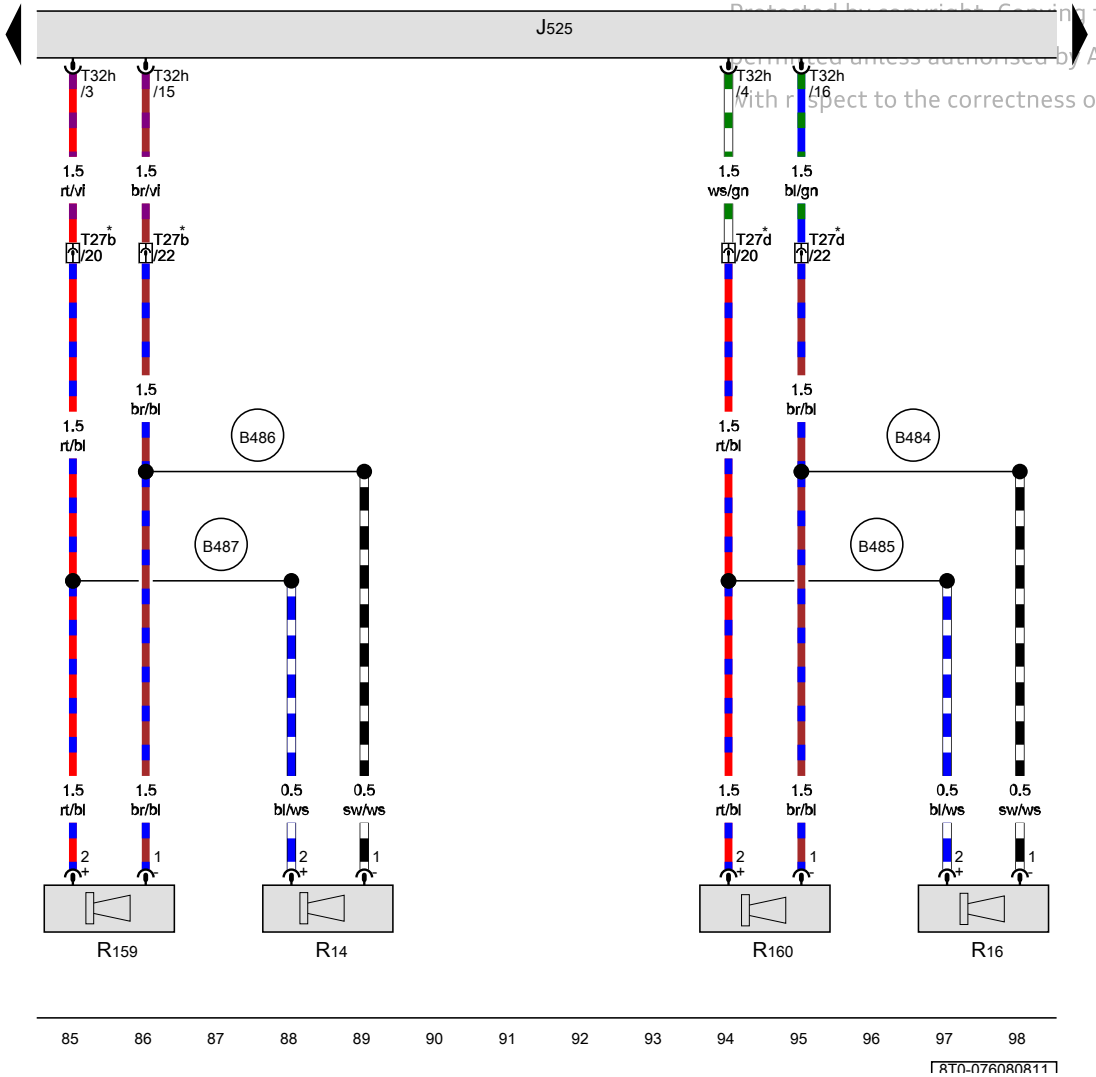
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rs	=	pink

Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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
T27b	27-pin connector, black
T27d	27-pin connector, black
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors

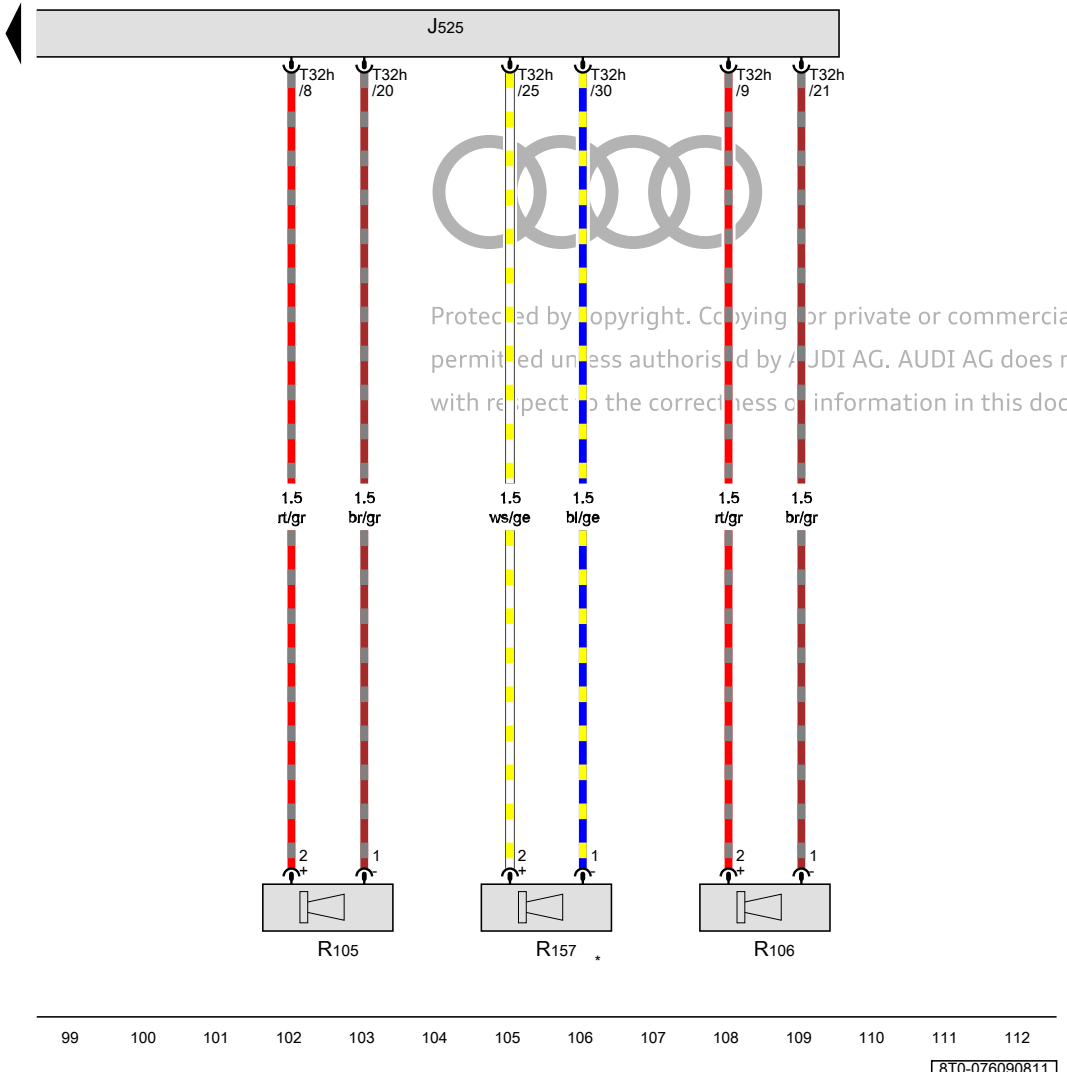
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rs	=	pink

Digital sound package control unit, Rear left mid-range loudspeaker, Rear right mid-range loudspeaker, Subwoofer in rear shelf

J525	Digital sound package control unit
R105	Rear left mid-range loudspeaker
R106	Rear right mid-range loudspeaker
R157	Subwoofer in rear shelf, in spare wheel well
T32h	32-pin connector
*	According to equipment



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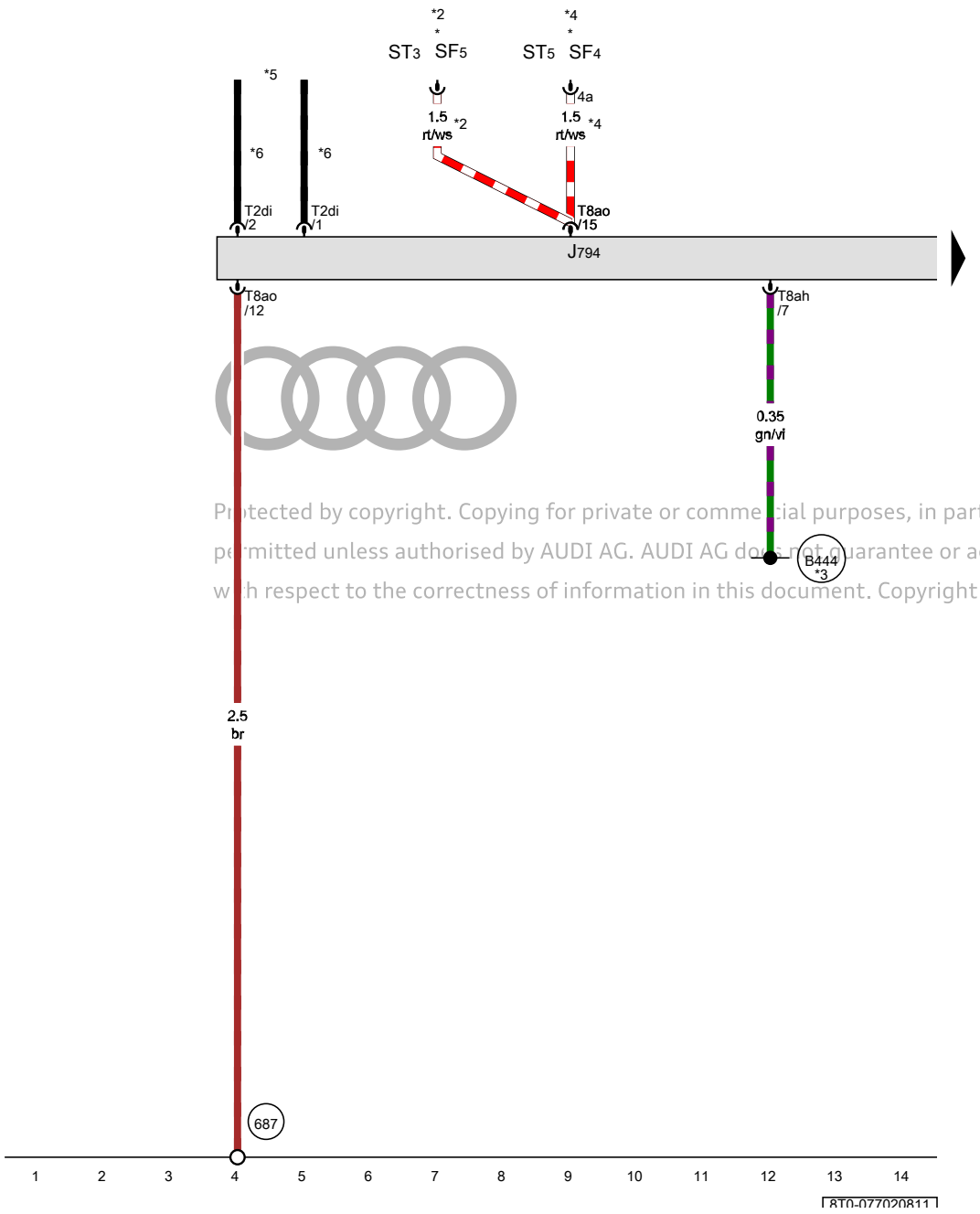
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MMI (information electronics 1)

From September 2008



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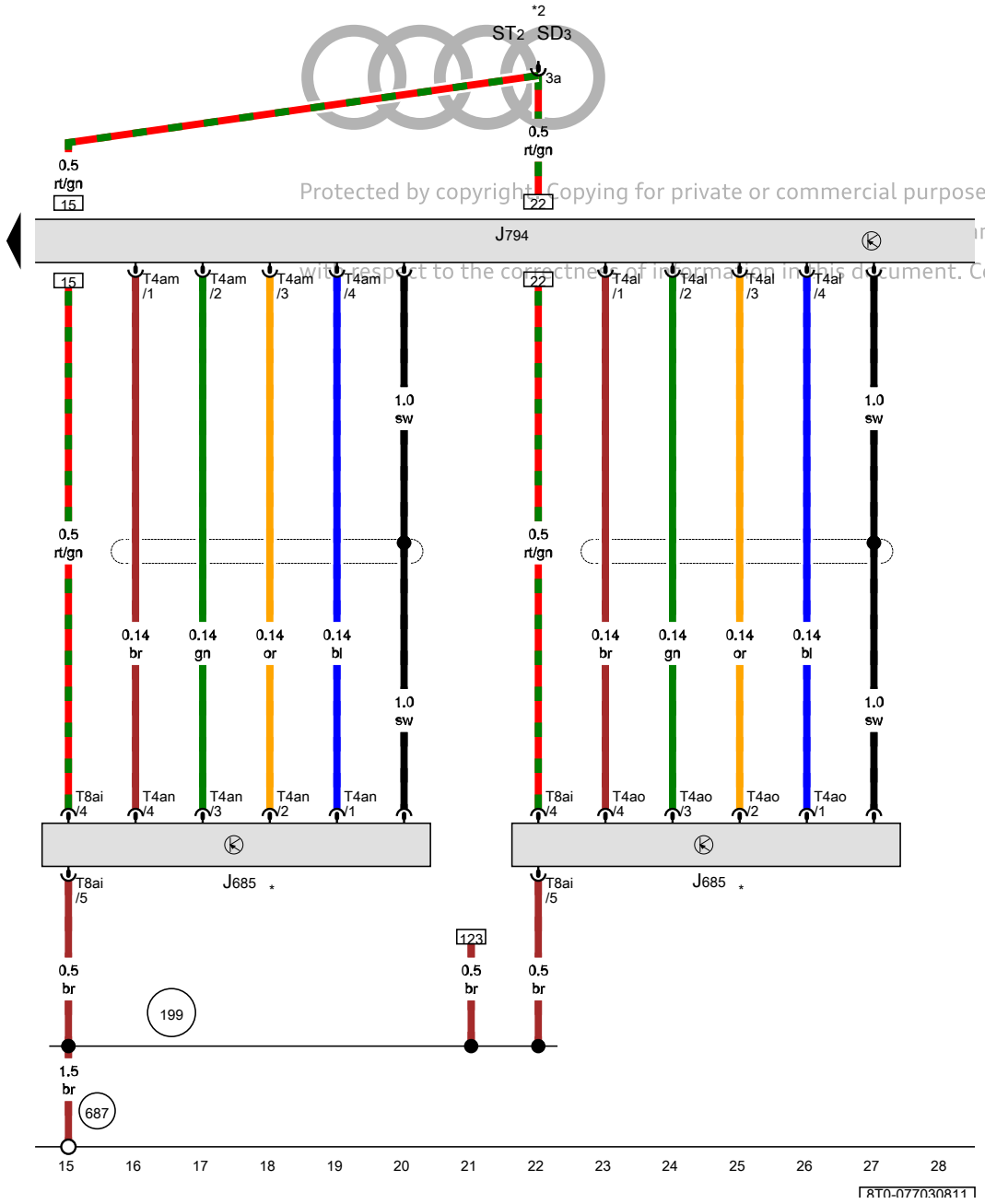


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Control unit 1 for information electronics

J794	Control unit 1 for information electronics
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T2di	2-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
687	Earth point 1, on centre tunnel
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Up to April 2009
*3	see applicable current flow diagram for infotainment MOST bus
*4	From May 2009
*5	see applicable current flow diagram for data bus network
*6	Fibre optic cable (FOC)

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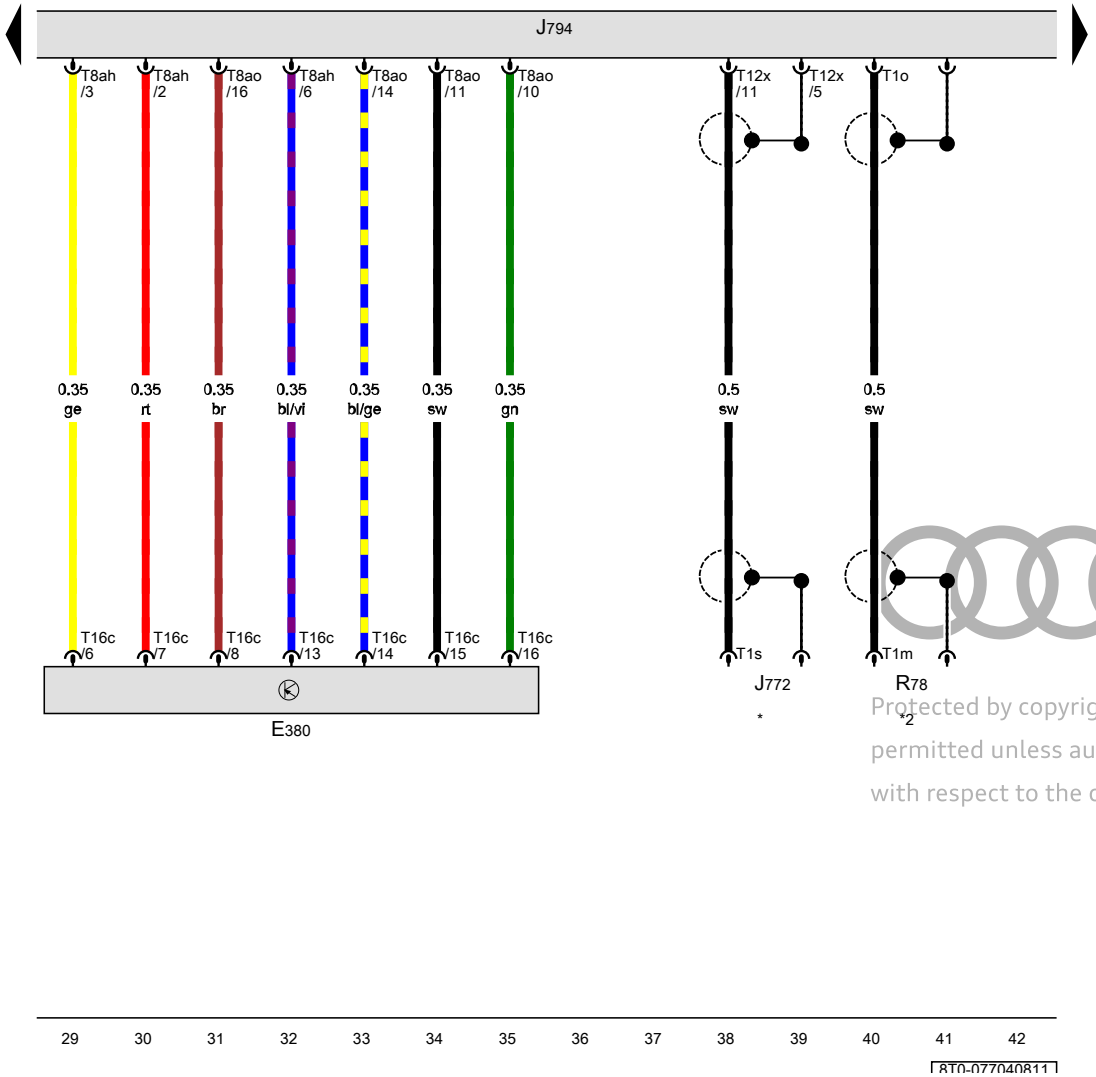
Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T4al	4-pin connector
T4am	4-pin connector
T4an	4-pin connector
T4ao	4-pin connector
T8ai	8-pin connector
199	Earth connection 3, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	According to equipment
*2	see applicable current flow diagram for fuse assignment

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ro	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

Multimedia system operating unit, Reversing camera system control unit, Control unit 1 for information electronics, TV tuner

E380	Multimedia system operating unit
J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R78	TV tuner
T1m	Single connector
T1o	Single connector
T1s	Single connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
T16c	16-pin connector
*	Only models with reversing camera system
*2	Only models with TV tuner

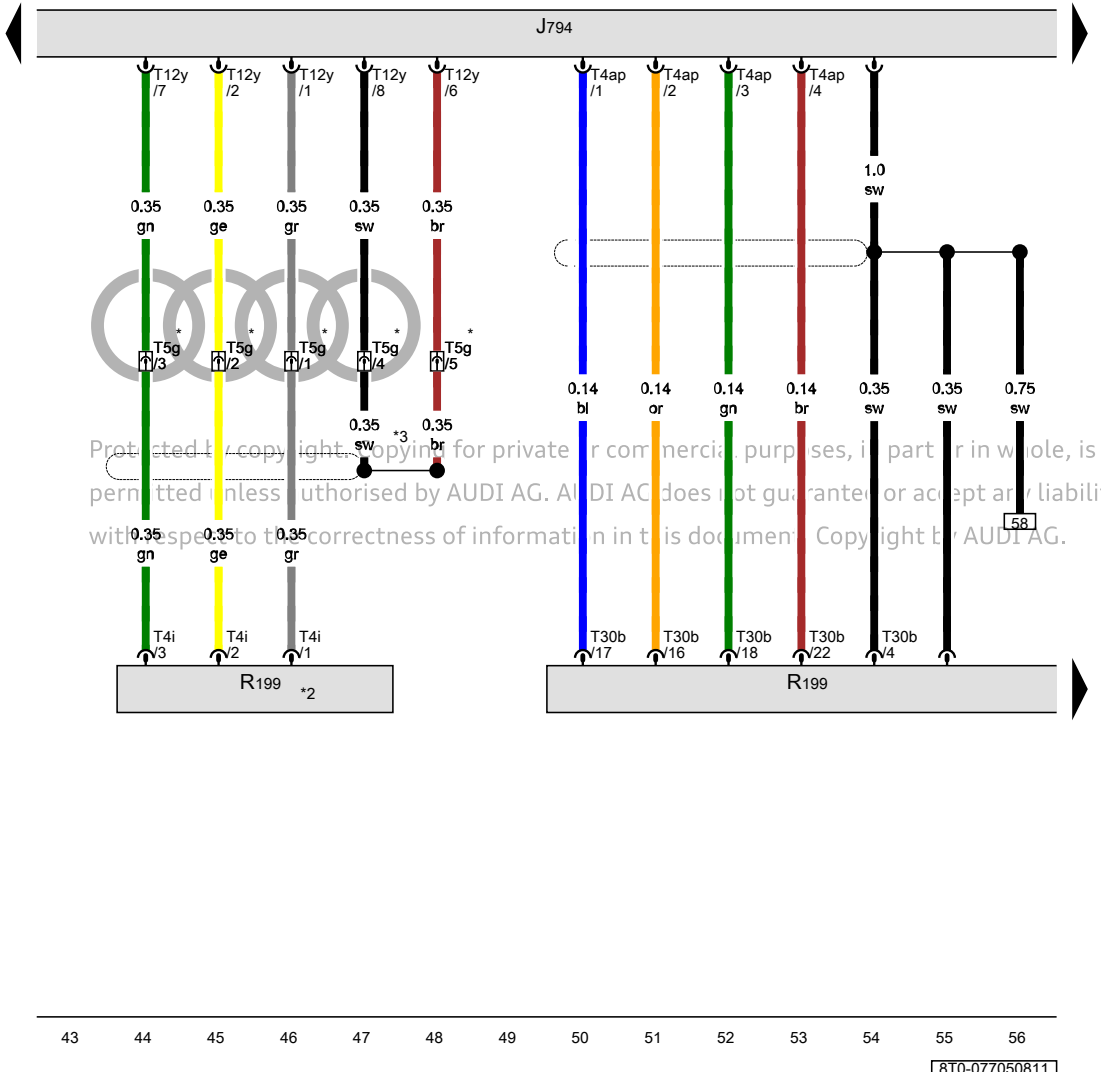


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or	=	orange
rs	=	pink

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

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T4ap	4-pin connector
T4i	4-pin connector
T5g	5-pin connector
T12y	12-pin connector
T30b	30-pin connector
*	Only models with centre armrest
*2	Only models with connection for external audio sources - AUX-IN socket
*3	Wiring colour depends on equipment

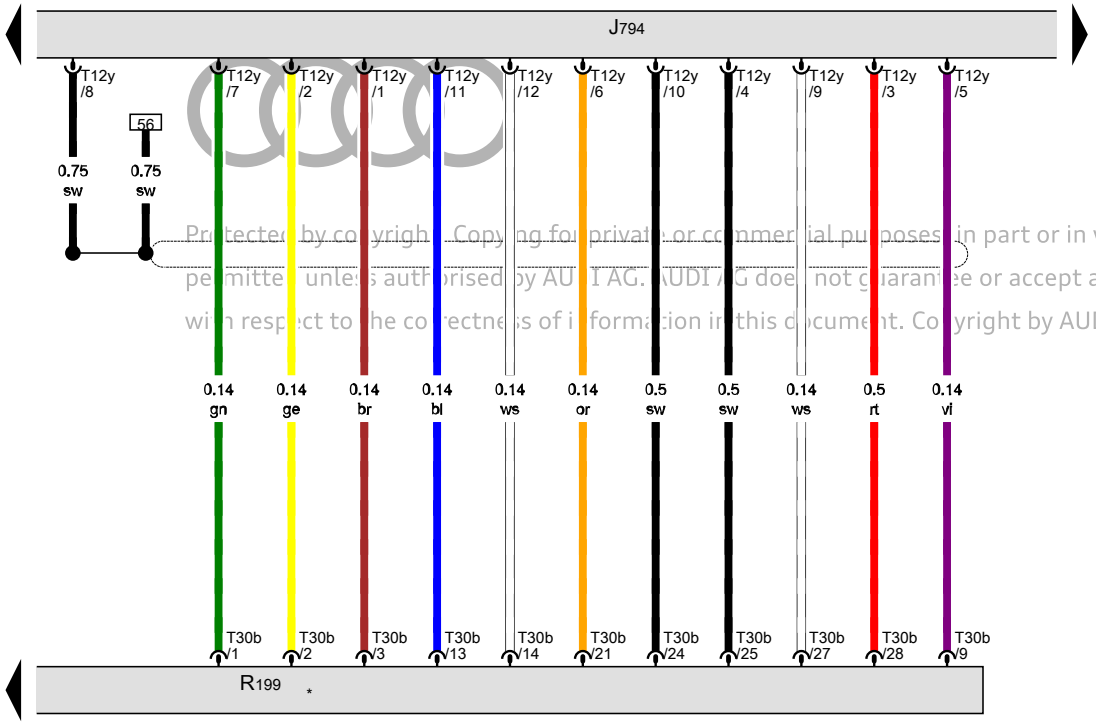


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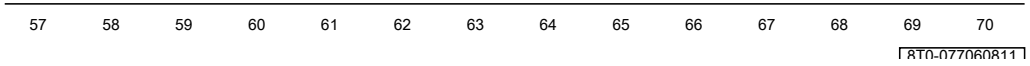
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or	=	orange
rs	=	pink

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

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12y	12-pin connector
T30b	30-pin connector
*	Only models with connection for external audio sources - Audi music interface



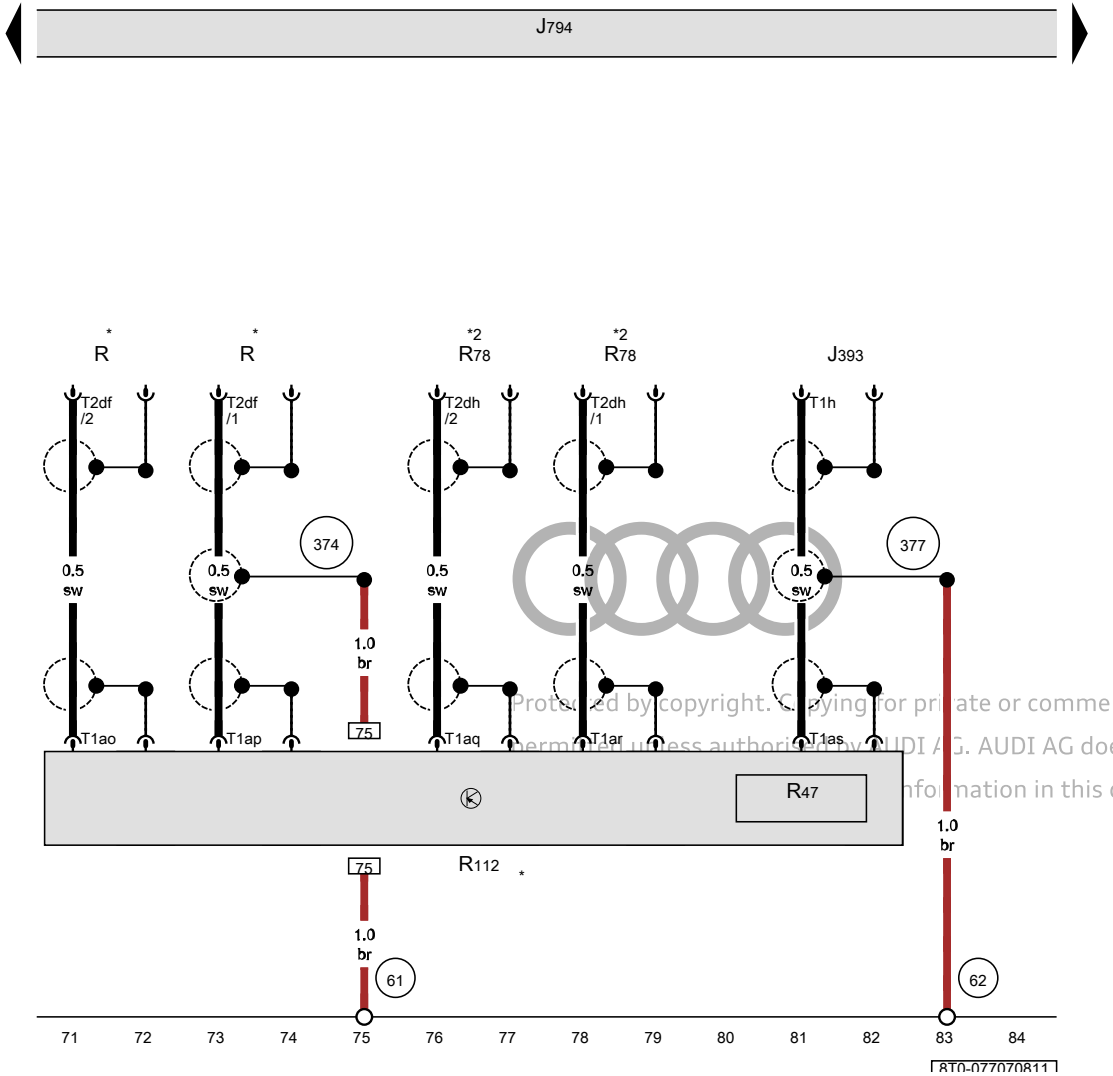
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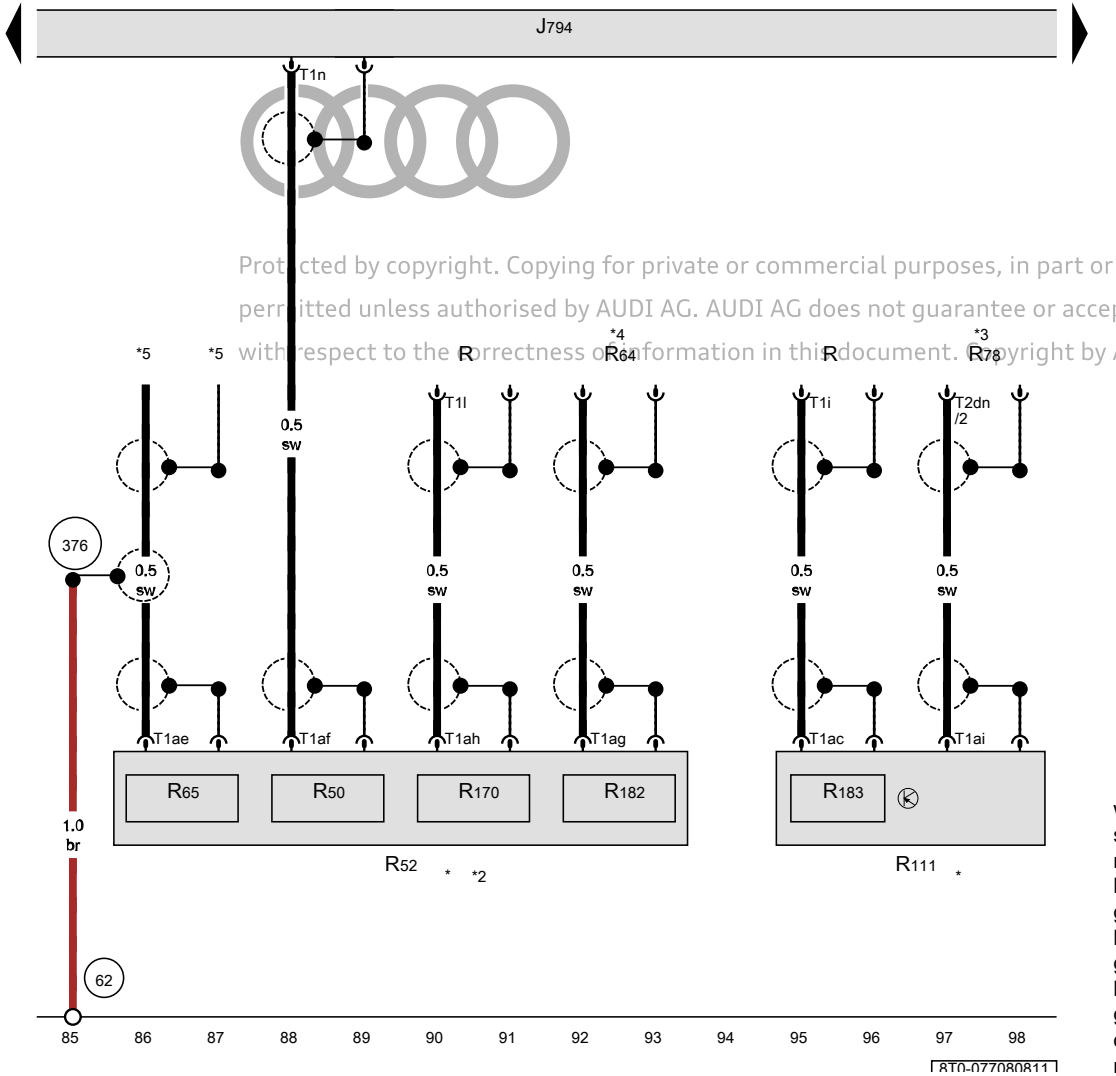
Control unit 1 for information electronics, Central locking and anti-theft alarm system aerial, Aerial amplifier 3

J393	Convenience system central control unit
J794	Control unit 1 for information electronics
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with TV tuner



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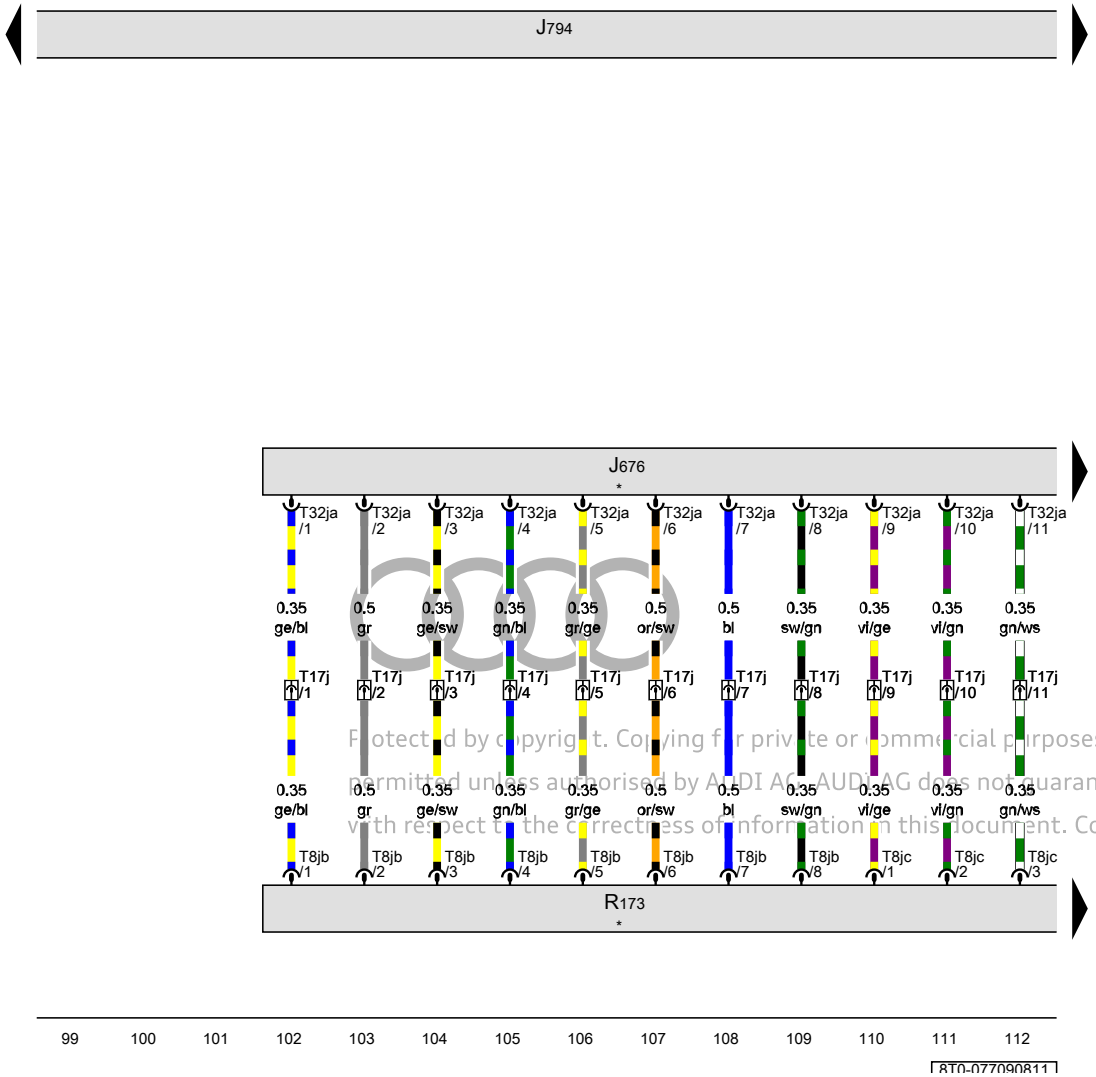
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Control unit 1 for information electronics, GPS aerial, Radio, telephone and navigation system aerial, Telephone aerial, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Roof aerial
*3	Only models with TV tuner
*4	Only models with auxiliary heating
*5	see applicable current flow diagram for telephone systems

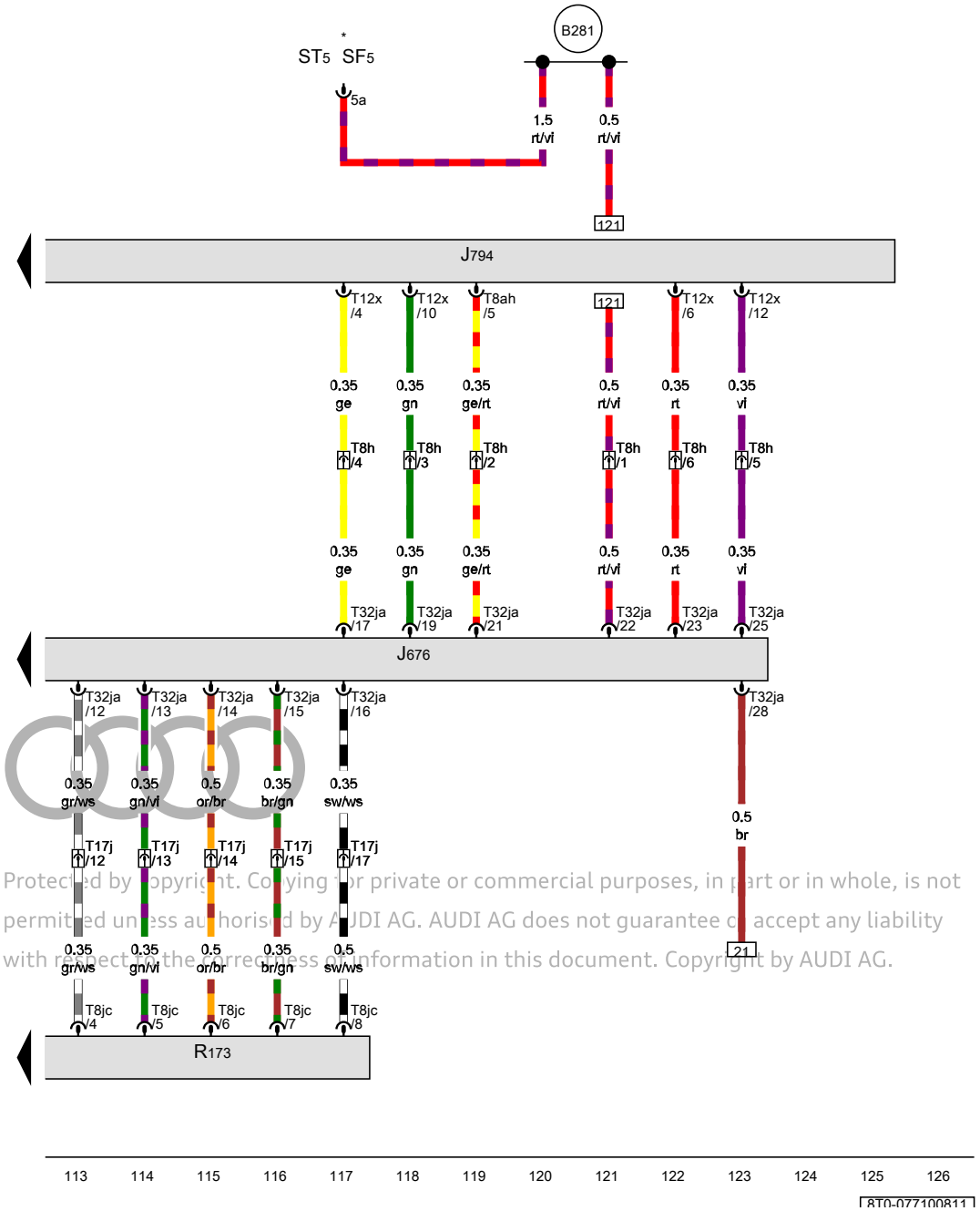
Chip card reader control unit, Control unit 1 for information electronics, Traffic data aerial

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T8jb	8-pin connector
T8jc	8-pin connector
T17j	17-pin connector, green
T32ja	32-pin connector
*	Only models with equipment for Japan



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or	=	orange
rs	=	pink



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
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T8ah	8-pin connector
T8h	8-pin connector, black
T8jc	8-pin connector
T12x	12-pin connector
T17j	17-pin connector, green
T32ja	32-pin connector
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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sw	=	black
ro	=	red
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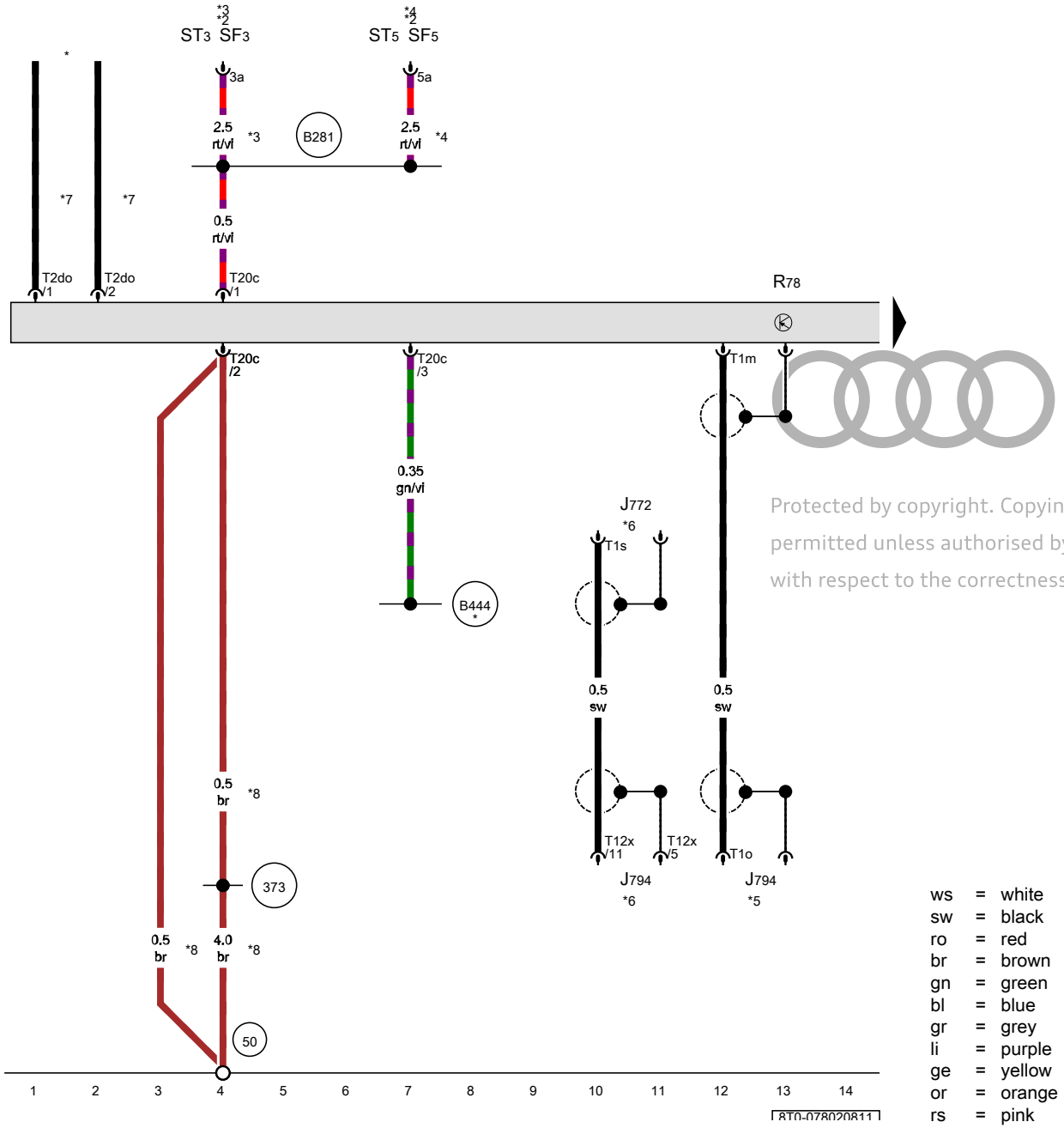
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TV tuner (MOST bus)

From September 2008



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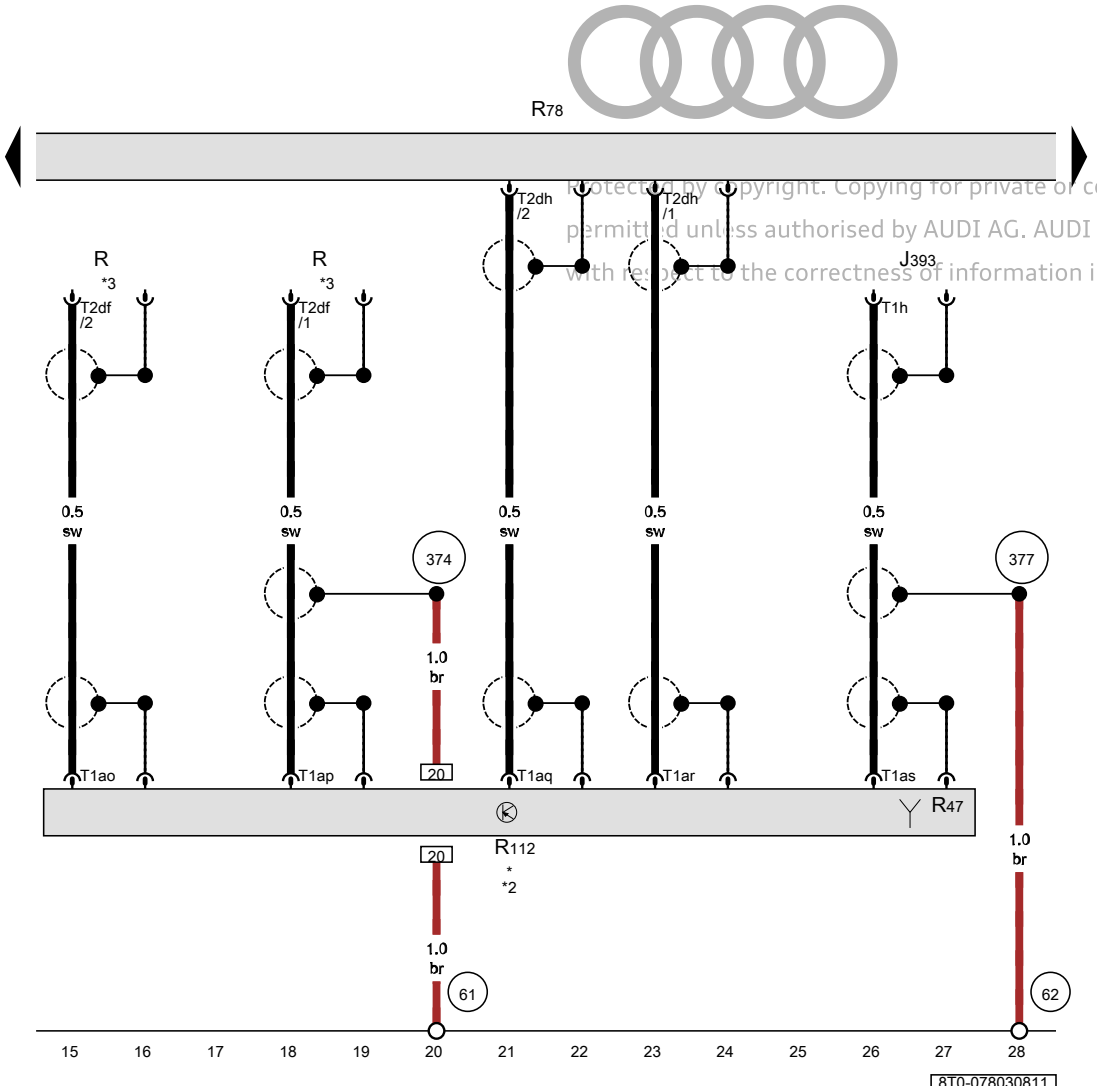
Reversing camera system control unit, Control unit 1 for information electronics, TV tuner

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R78	TV tuner
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T1m	Single connector
T1o	Single connector
T1s	Single connector
T2do	2-pin connector
T12x	12-pin connector
T20c	20-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009
*5	Only models with no reversing camera system
*6	Only models with reversing camera system
*7	Fibre optic cable (FOC)
*8	According to equipment

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Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram
*3	Only models with radio

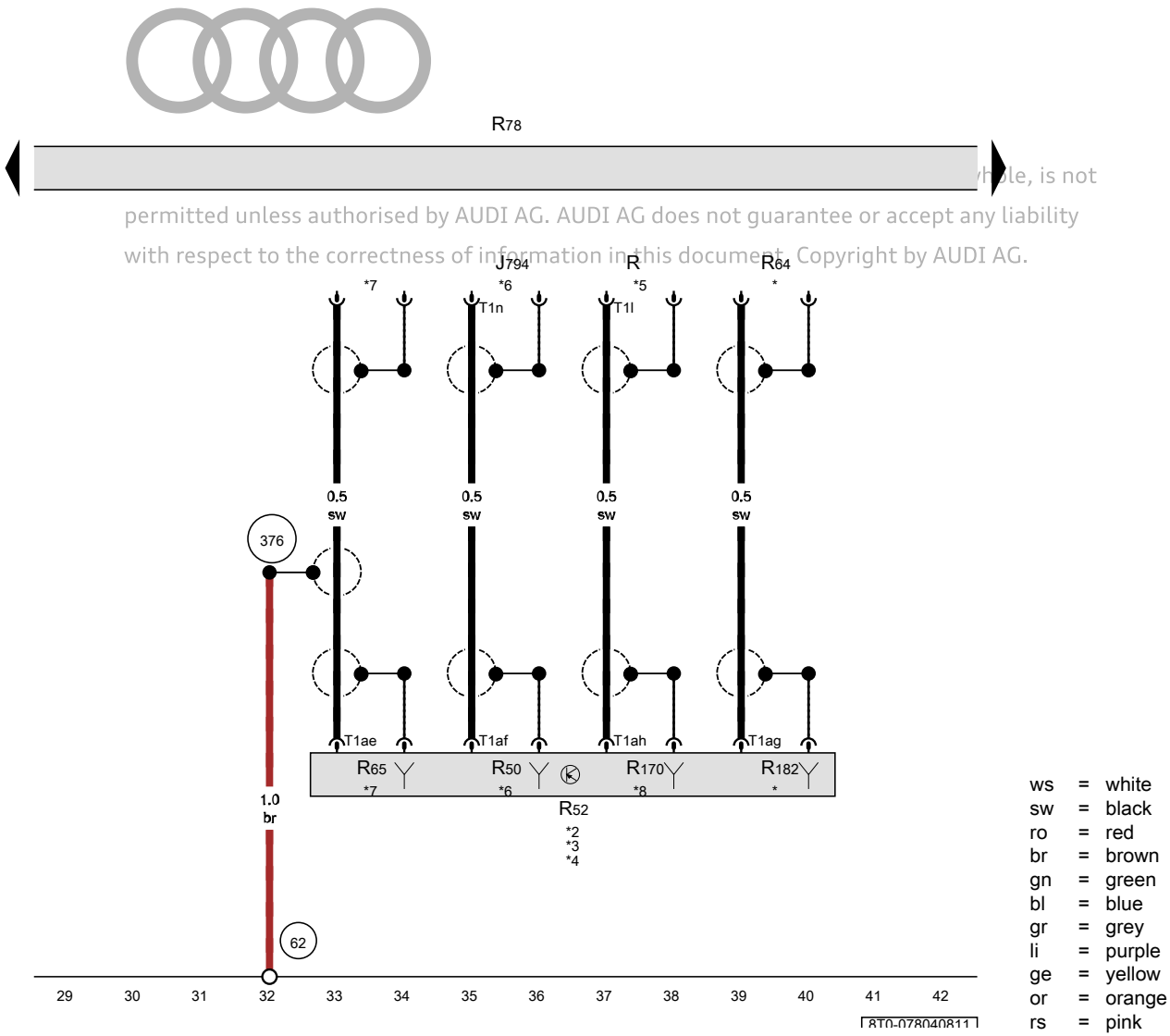


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Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, TV tuner, Satellite aerial, Auxiliary heater aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R170	Satellite aerial
R182	Auxiliary heater aerial
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1l	Single connector
T1n	Single connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Only models with auxiliary heating
*2	Roof aerial
*3	Only models with 2-doors
*4	see applicable current flow diagram
*5	Only models with radio
*6	Only models with navigation system
*7	Only models with mobile telephone/telephone
*8	Only models with satellite radio

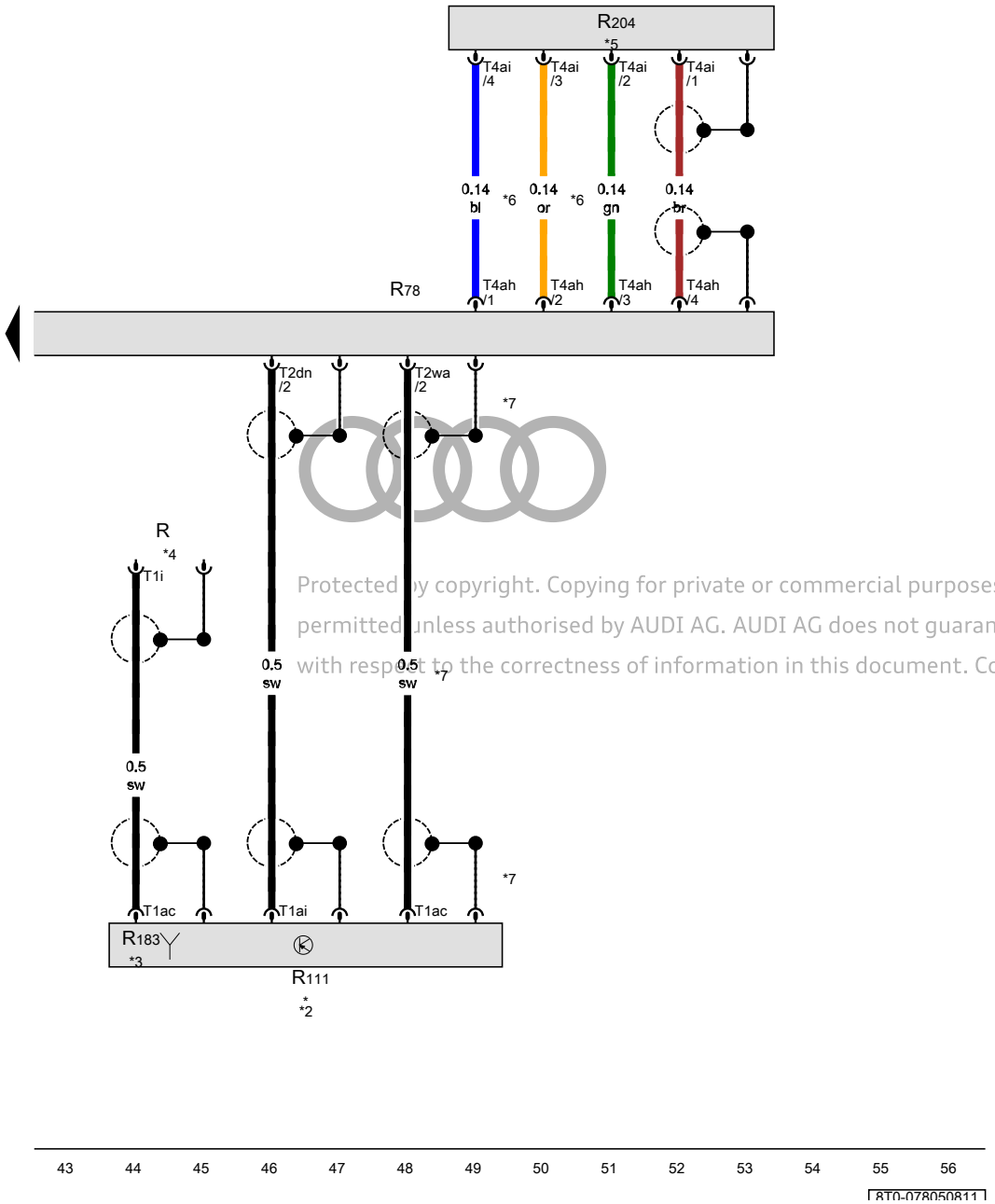


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or	=	orange
rs	=	pink

Radio, TV tuner, Aerial amplifier 2, Digital radio aerial, TV card reader

R	Radio
R78	TV tuner
R111	Aerial amplifier 2
R183	Digital radio aerial
R204	TV card reader
T1ac	Single connector
T1ai	Single connector
T1i	Single connector
T2dn	2-pin connector
T2wa	2-pin connector
T4ah	4-pin connector
T4ai	4-pin connector
*	Only models with 2-doors
*2	see applicable current flow diagram
*3	Only models with digital radio
*4	Only models with radio
*5	Only models with equipment for Japan
*6	Wiring colour depends on equipment
*7	Only models with equipment for Korea



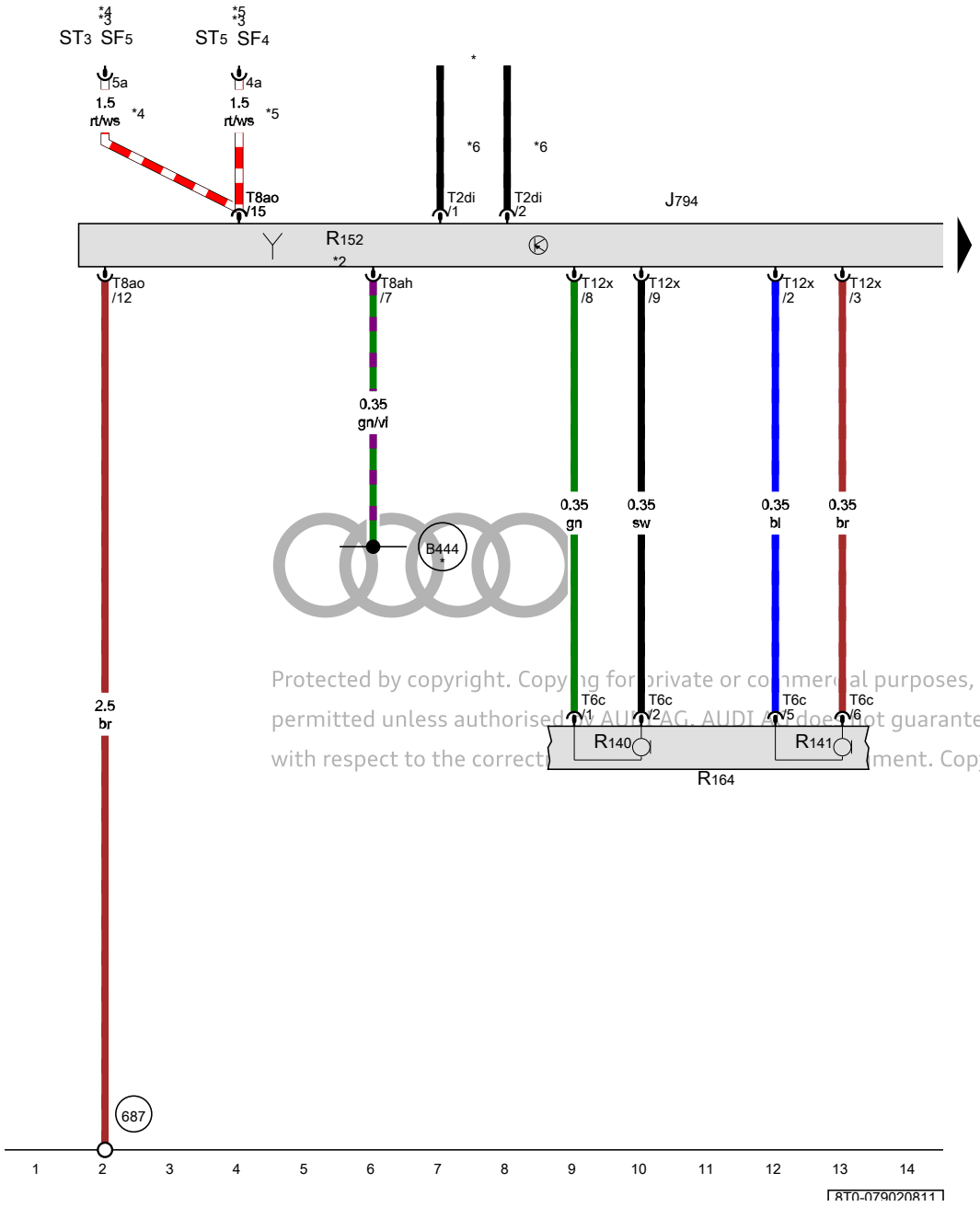
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Preparation for mobile telephone (MOST bus) - USA

From September 2008

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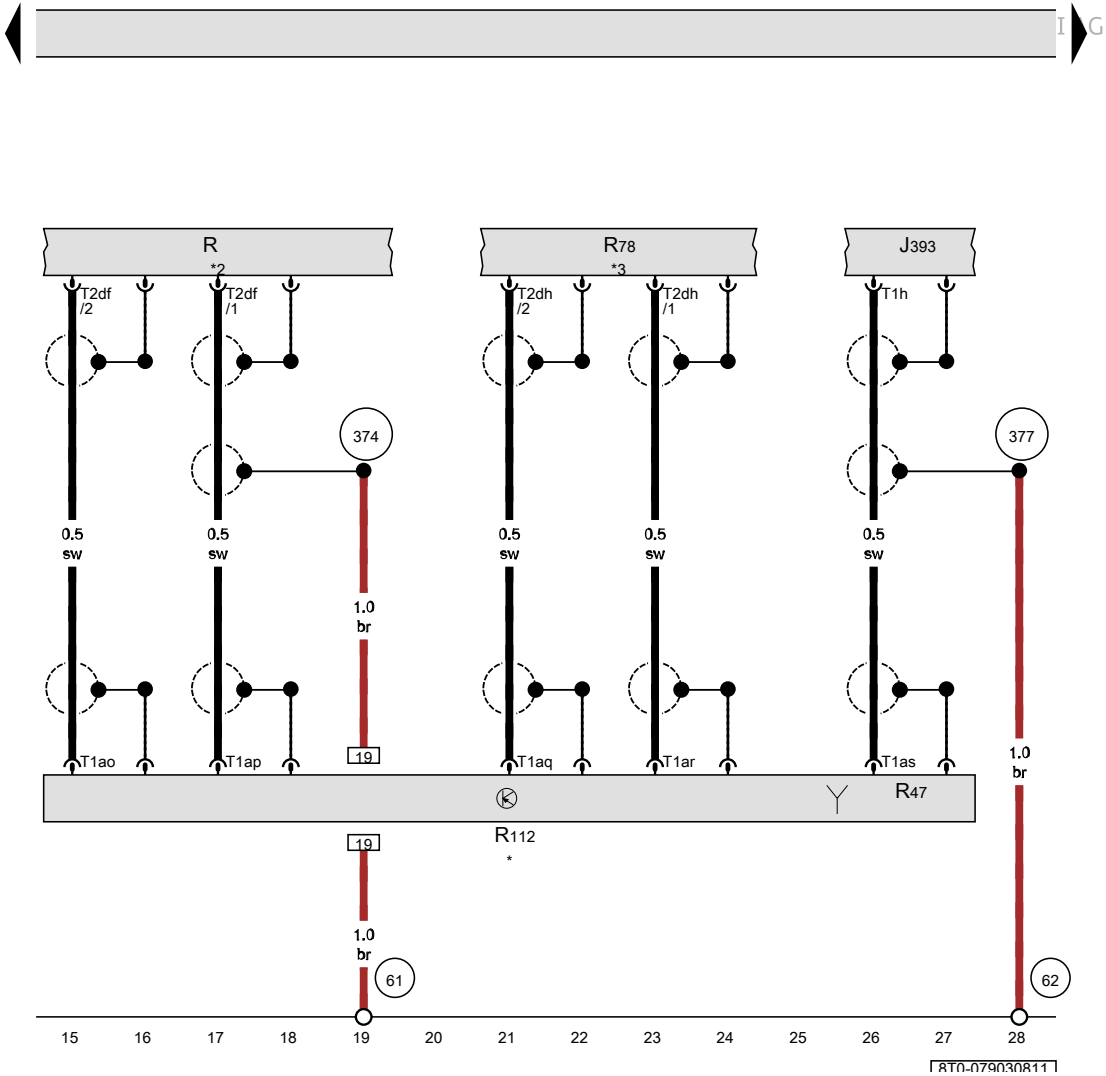
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Control unit 1 for information electronics, Microphone unit in front roof module

J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T2di	2-pin connector
T6c	6-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
687	Earth point 1, on centre tunnel
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	Only models with Bluetooth
*3	see applicable current flow diagram for fuse assignment
*4	Up to April 2009
*5	From May 2009
*6	Fibre optic cable (FOC)

ws	=	white
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ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

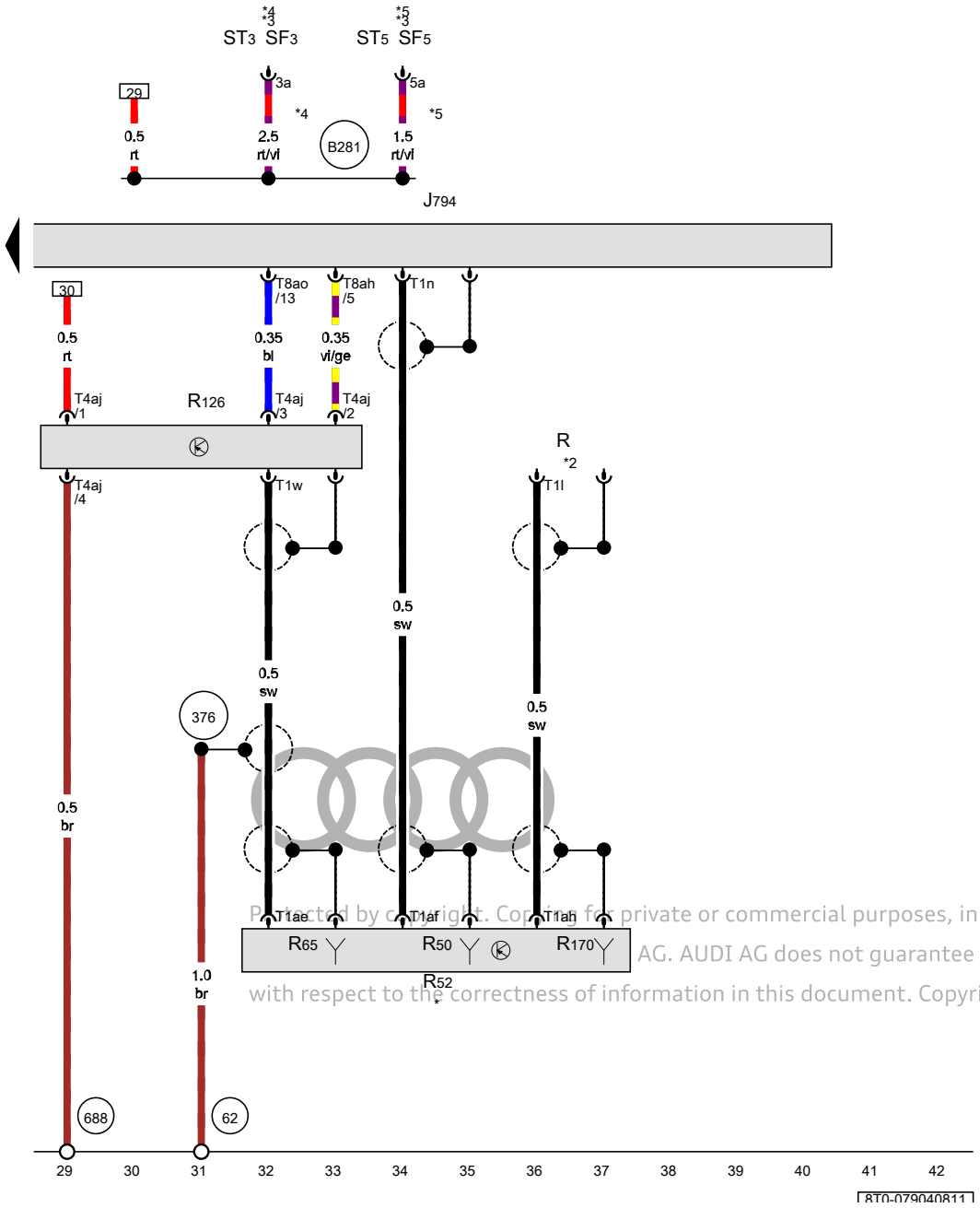
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Control unit 1 for information electronics

J393	Convenience system central control unit
J794	Control unit 1 for information electronics
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 2-doors
*2	Only models with radio
*3	Only models with TV tuner



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Control unit 1 for information electronics, GPS aerial, Radio, telephone and navigation system aerial, Telephone aerial, Telephone bracket, Satellite aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R65	Telephone aerial
R126	Telephone bracket
R170	Satellite aerial
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T1ae	Single connector
T1af	Single connector
T1ah	Single connector
T1l	Single connector
T1n	Single connector
T1w	Single connector
T4aj	4-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with 2-doors
*2	Only models with radio
*3	see applicable current flow diagram for fuse assignment
*4	Up to April 2009
*5	From May 2009

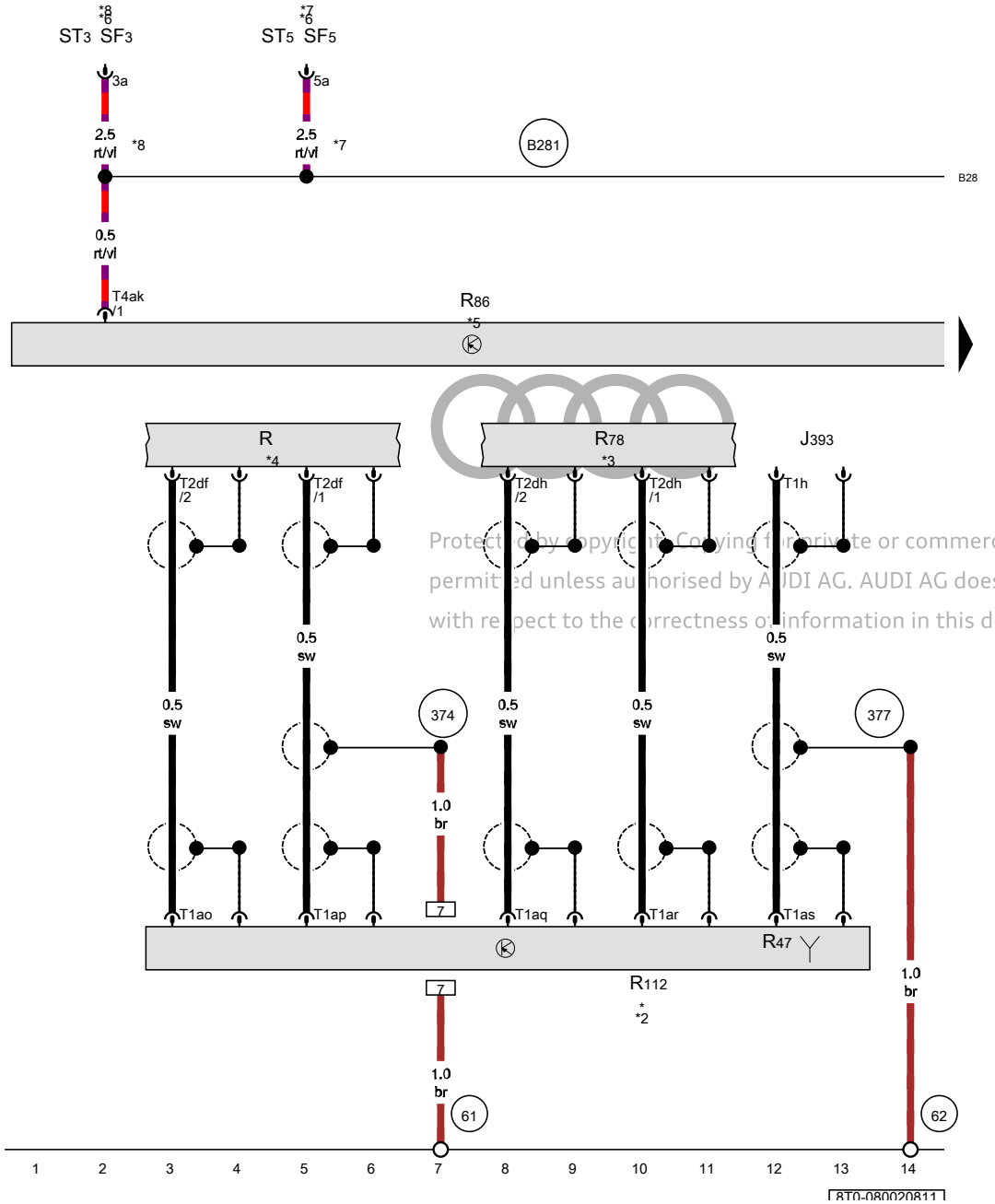
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Preparation for mobile telephone (MOST bus)

From September 2008

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Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier for mobile telephone, Aerial amplifier 3

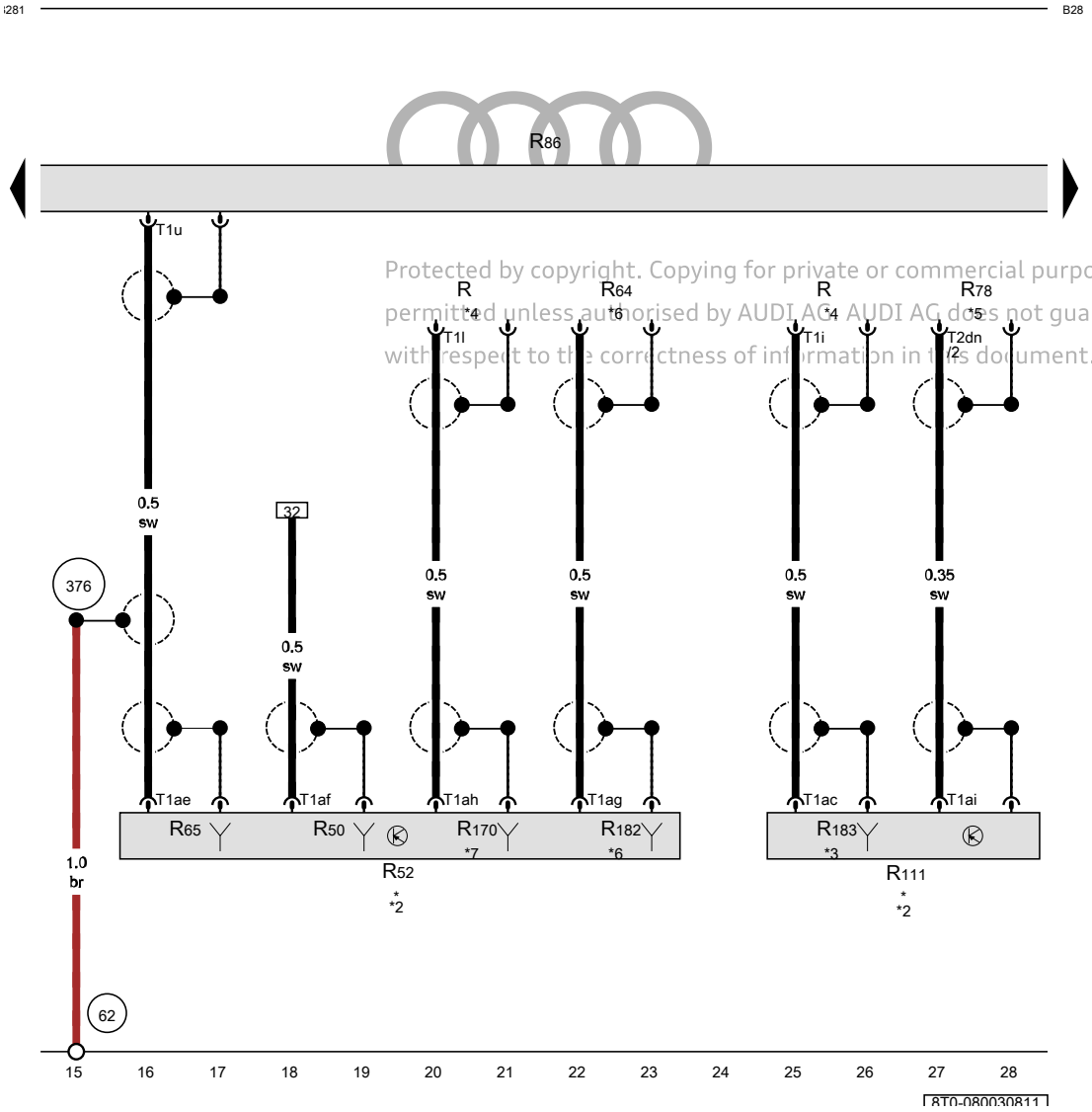


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J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R86	Aerial amplifier for mobile telephone
R112	Aerial amplifier 3
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
T4ak	4-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with 4-doors
*2	see applicable current flow diagram
*3	Only models with TV tuner
*4	Only models with radio
*5	According to equipment
*6	see applicable current flow diagram for fuse assignment
*7	From May 2009
*8	Up to April 2009

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gn	=	green
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gr	=	grey
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or	=	orange
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GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier for mobile telephone, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial

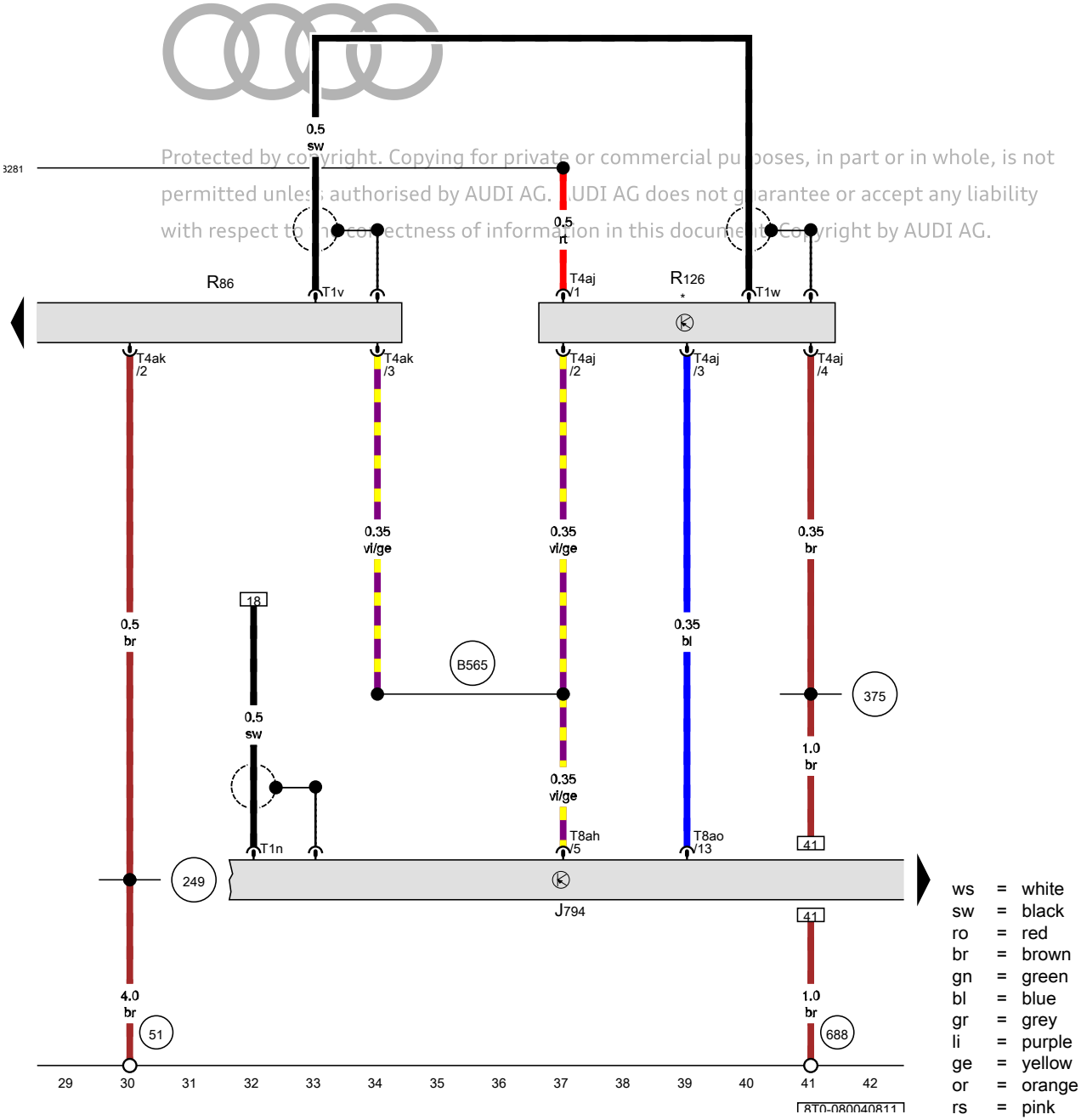


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R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R86	Aerial amplifier for mobile telephone
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1u	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with 4-doors
*2	see applicable current flow diagram
*3	Only models with digital radio
*4	Only models with radio
*5	Only models with TV tuner
*6	Only models with auxiliary heating
*7	Only models with satellite radio

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

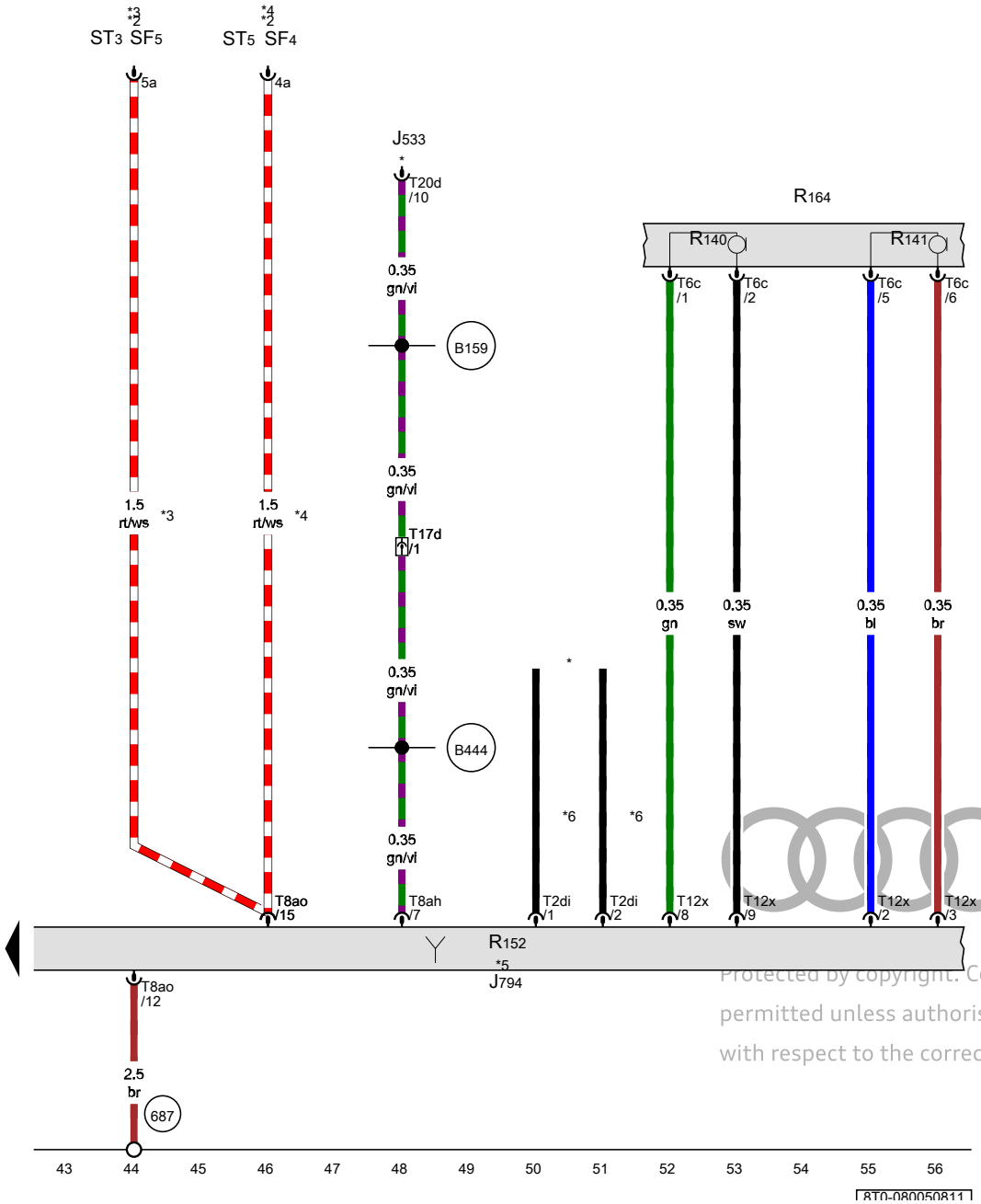
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Control unit 1 for information electronics, Aerial amplifier for mobile telephone, Telephone bracket

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
T1n	Single connector
T1v	Single connector
T1w	Single connector
T4aj	4-pin connector
T4ak	4-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B565	Connection 32, in main wiring harness
*	According to equipment



Data bus diagnostic interface, Control unit 1 for information electronics, Aerial for Bluetooth, Microphone unit in front roof module

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T2di	2-pin connector
T6c	6-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
T17d	17-pin connector, brown
T20d	20-pin connector
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009
*5	Only models with Bluetooth
*6	Fibre optic cable (FOC)

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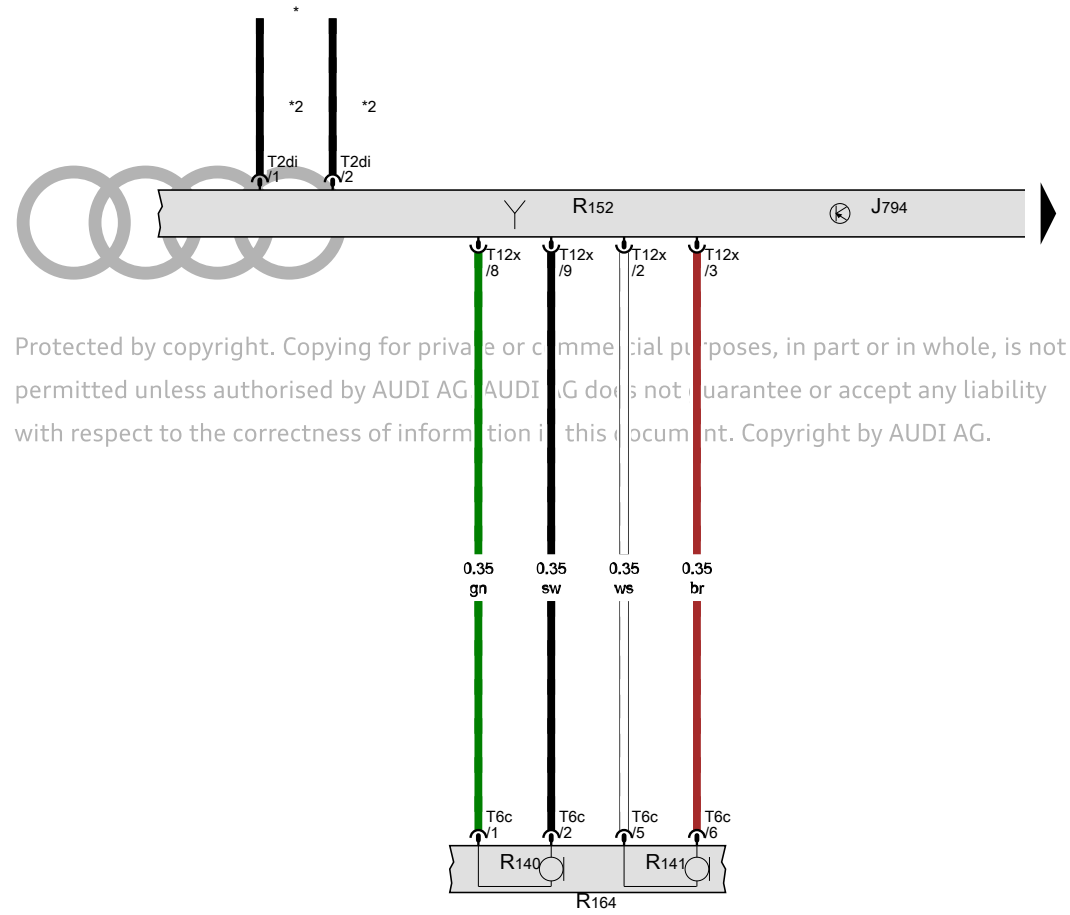
Bluetooth car phone (MOST bus)

From September 2008

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Control unit 1 for information electronics, Front left microphone, Front right microphone, Aerial for Bluetooth, Microphone unit in front roof module

J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
T2di	2-pin connector
T6c	6-pin connector
T12x	12-pin connector
*	see applicable current flow diagram
*2	Fibre optic cable (FOC)

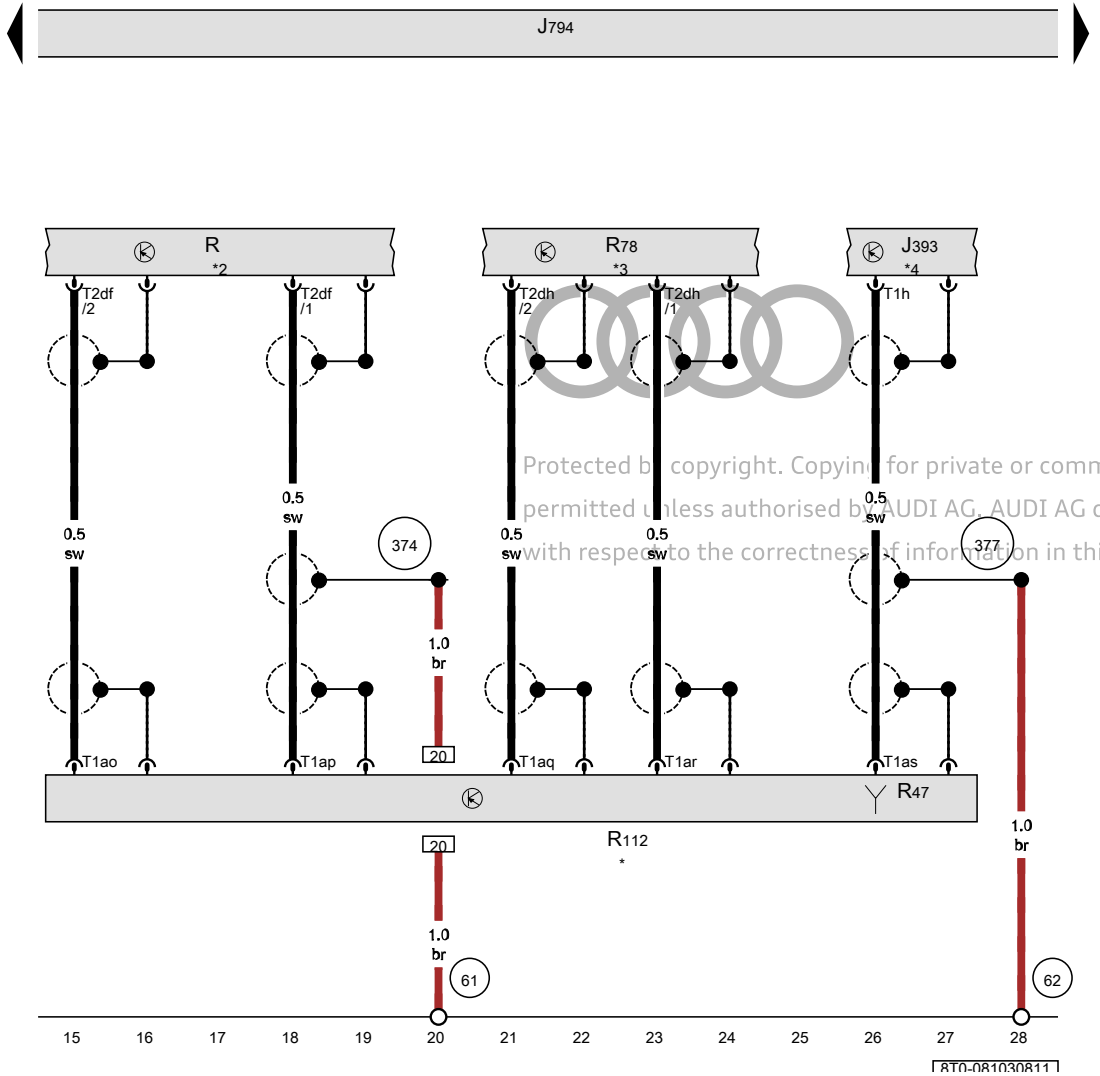


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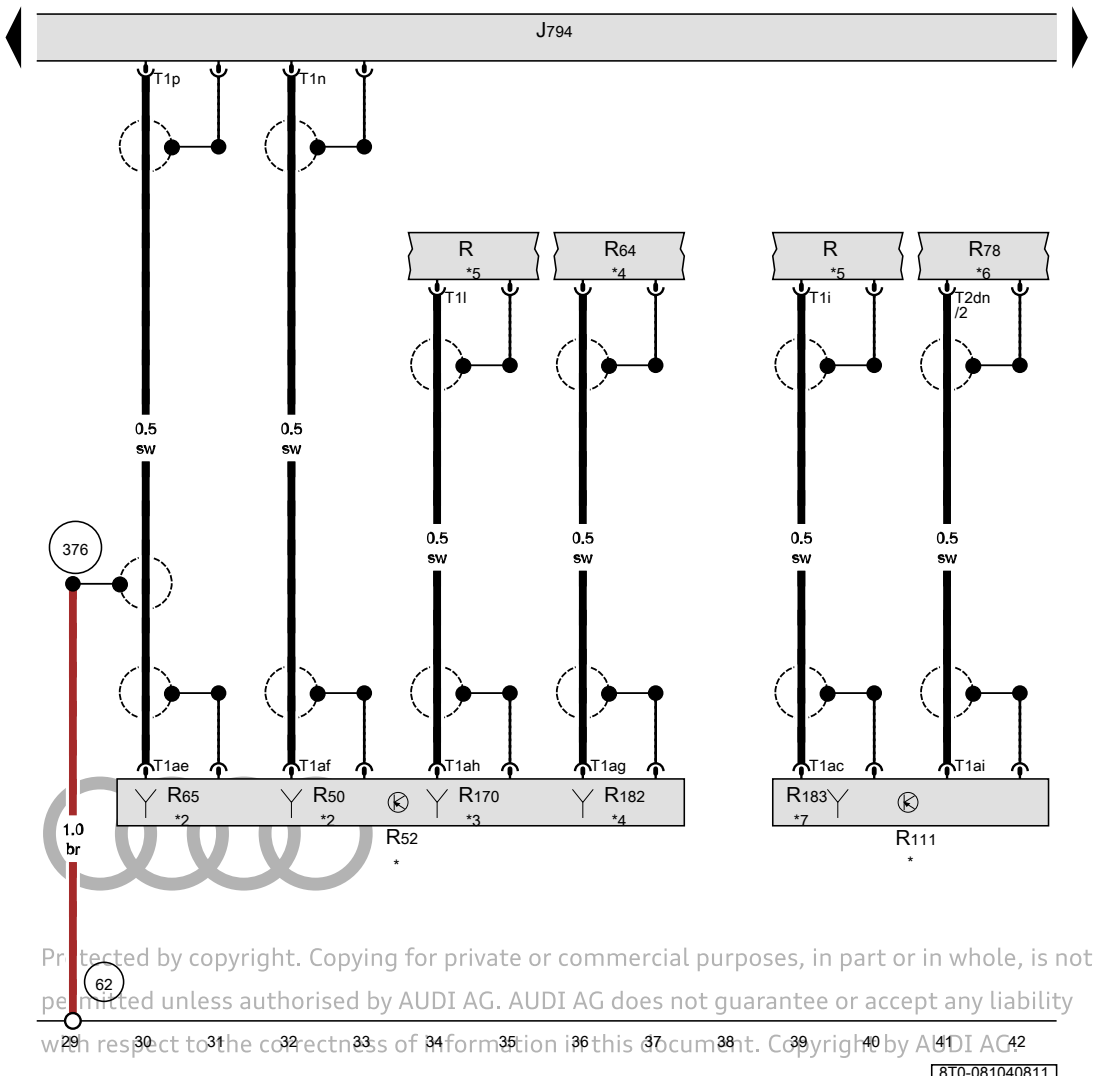
Convenience system central control unit, Control unit 1 for information electronics, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

J393	Convenience system central control unit
J794	Control unit 1 for information electronics
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with radio
*3	Only models with TV tuner
*4	see applicable current flow diagram for basic equipment



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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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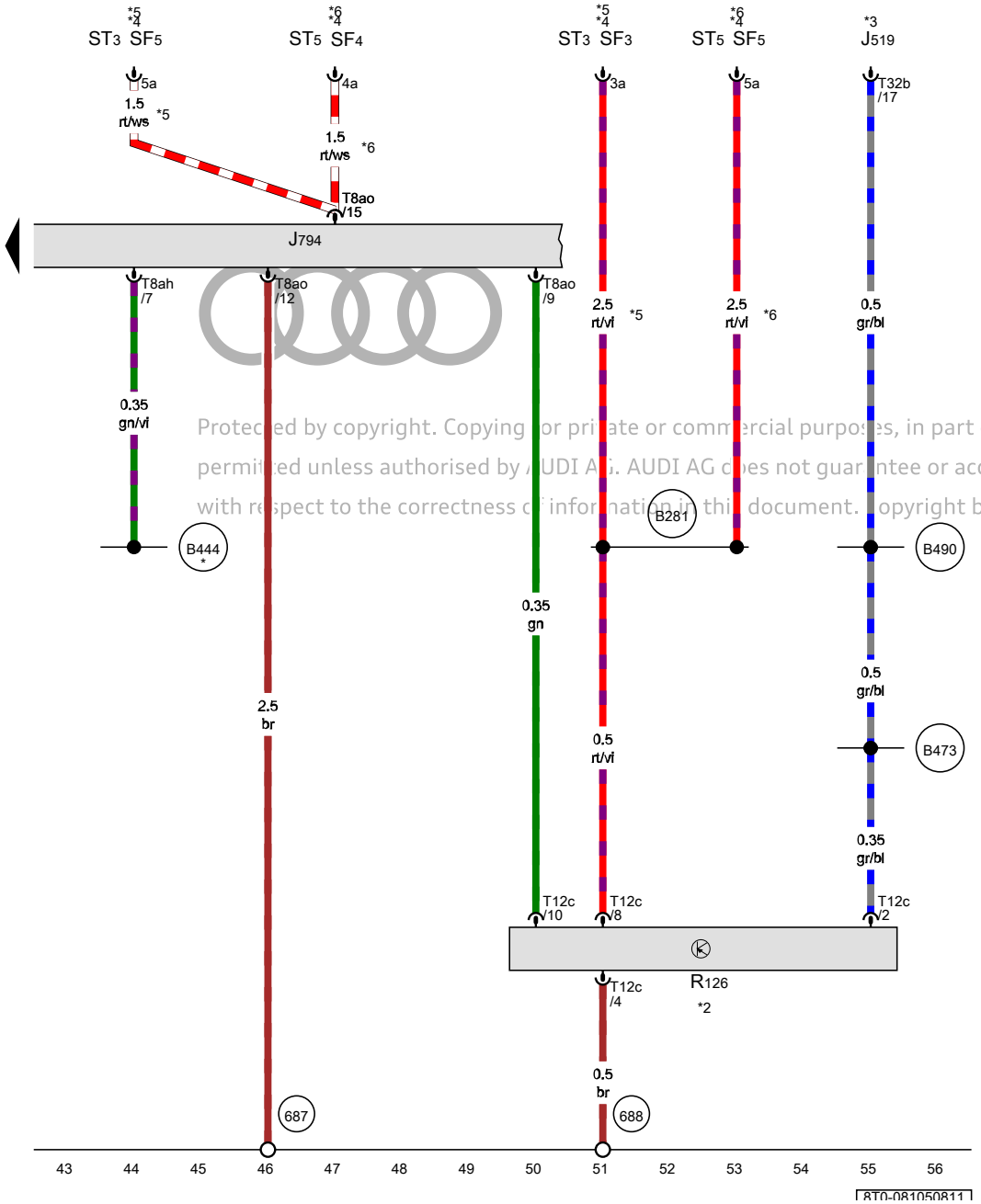


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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Radio, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T1p	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Optional equipment
*3	Only models with satellite radio
*4	Only models with auxiliary heating
*5	Only models with radio
*6	Only models with TV tuner
*7	Only models with no US equipment

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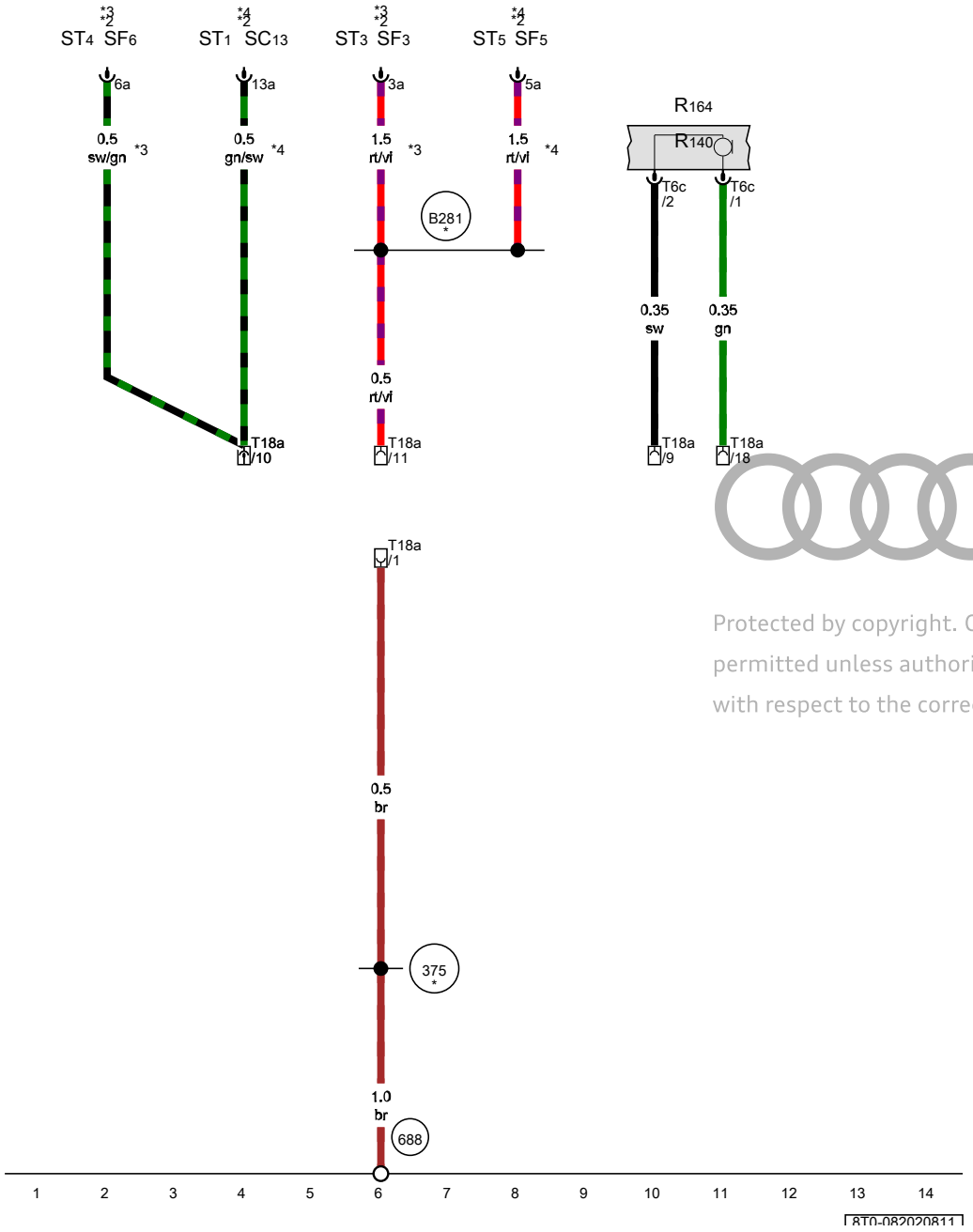
Onboard supply control unit, Control unit 1 for information electronics, Telephone bracket

J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R126	Telephone bracket
ST3	Fuse carrier 3
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
T8ah	8-pin connector
T8ao	8-pin connector
T12c	12-pin connector
T32b	32-pin connector
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram
*2	Only models with centre armrest
*3	see applicable current flow diagram for basic equipment
*4	see applicable current flow diagram for fuse assignment
*5	Up to April 2009
*6	From May 2009

Preparation for mobile telephone with no hands-free system (MOST bus)

From September 2008

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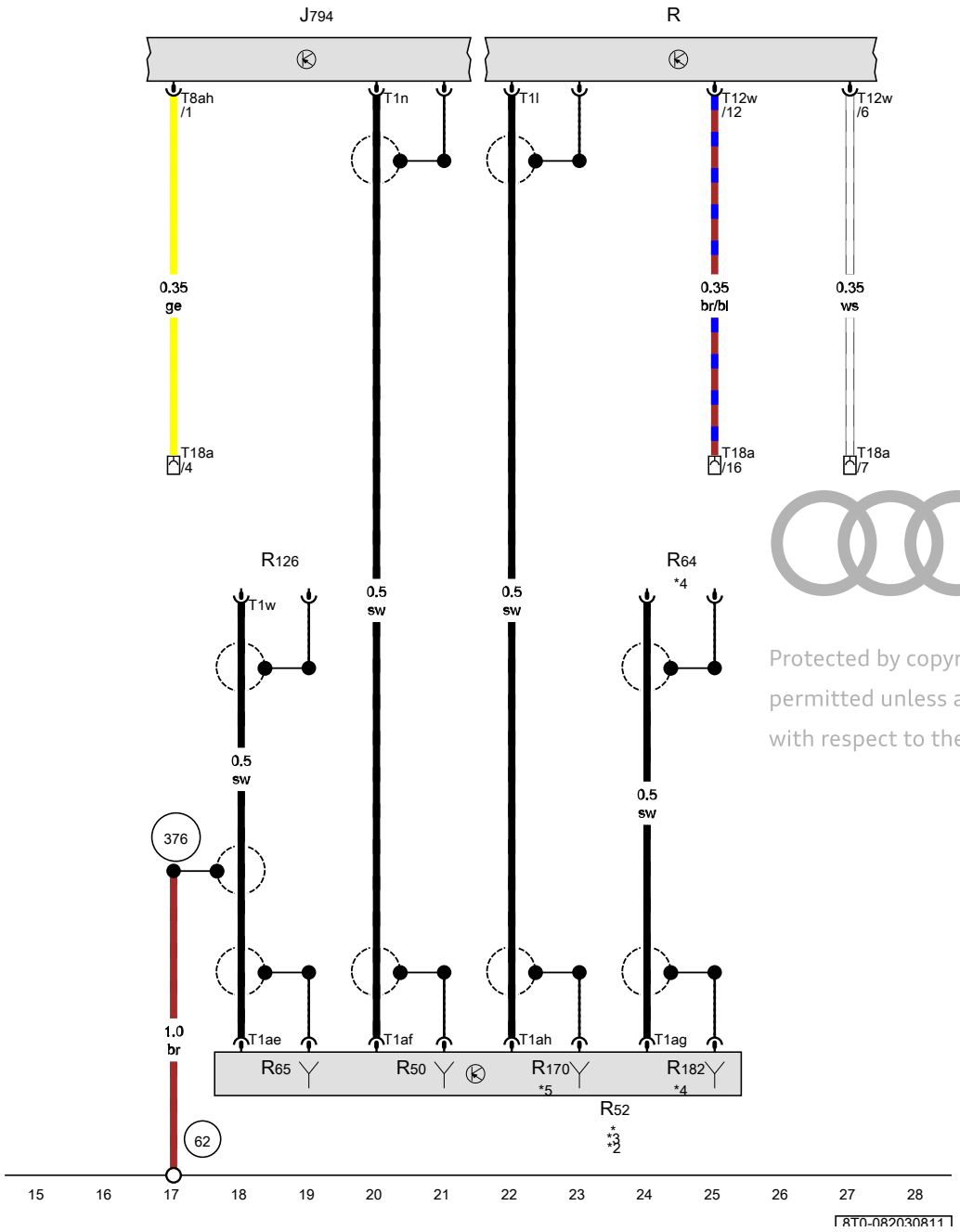


Microphone unit in front roof module

R140	Front left microphone
R164	Microphone unit in front roof module
ST1	Fuse carrier 1
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
SC13	Fuse 13 on fuse holder C
T6c	6-pin connector
T18a	18-pin connector, under centre console
375	Earth connection 10, in main wiring harness
688	Earth point 2, on centre tunnel
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with navigation system
*2	see applicable current flow diagram for fuse assignment
*3	Up to April 2009
*4	From May 2009

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rs	=	pink



Control unit 1 for information electronics, GPS aerial, Radio, telephone and navigation system aerial, Telephone aerial, Satellite aerial, Auxiliary heater aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R126	Telephone bracket
R170	Satellite aerial
R182	Auxiliary heater aerial
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1l	Single connector
T1n	Single connector
T1w	Single connector
T8ah	8-pin connector
T12w	12-pin connector
T18a	18-pin connector, under centre console
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*1	Roof aerial
*2	see applicable current flow diagram
*3	Only models with 2-doors
*4	Only models with auxiliary heating
*5	Only models with satellite radio

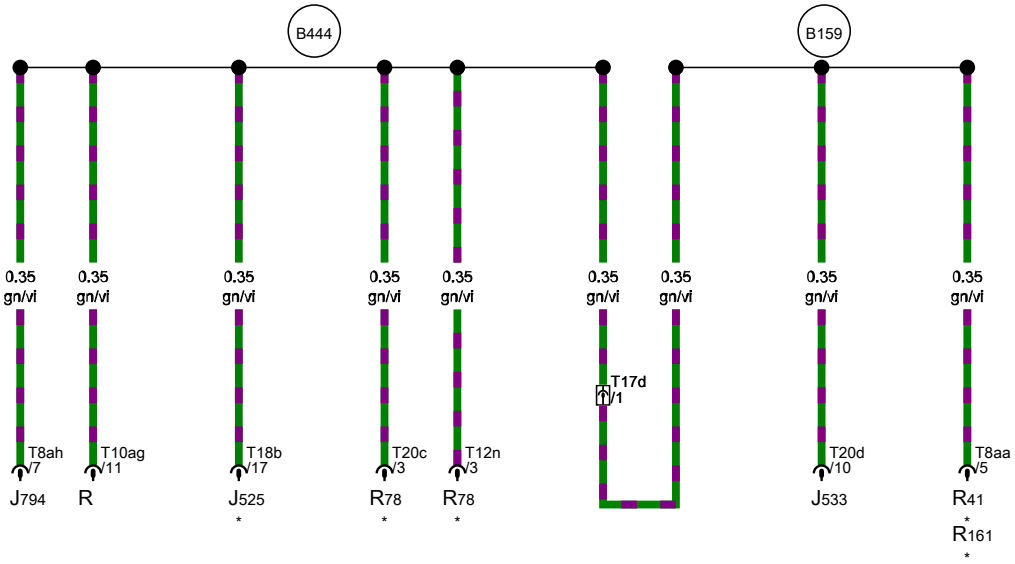
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Ring circuit break diagnostic

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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner, DVD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
R78	TV tuner
R161	DVD changer
T8aa	8-pin connector
T8ah	8-pin connector
T10ag	10-pin connector
T12n	12-pin connector
T17d	17-pin connector, brown
T18b	18-pin connector
T20c	20-pin connector
T20d	20-pin connector
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	According to equipment

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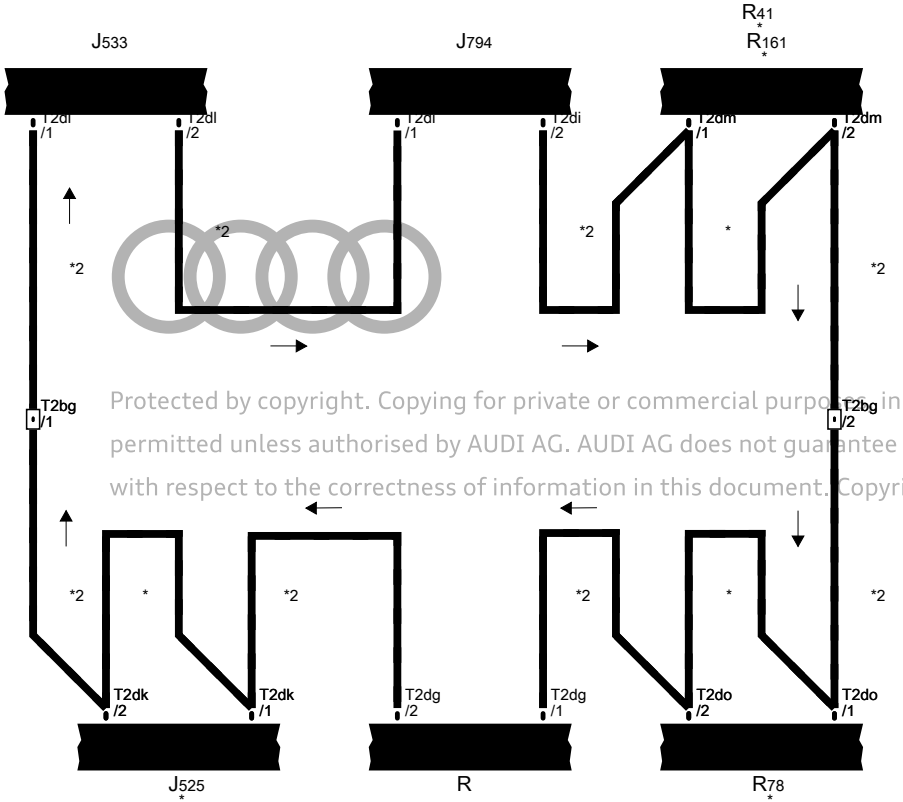
Infotainment MOST bus

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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner, DVD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
R78	TV tuner
R161	DVD changer
T2bg	2-pin connector, near glove compartment
T2dg	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Fibre optic cable (FOC)



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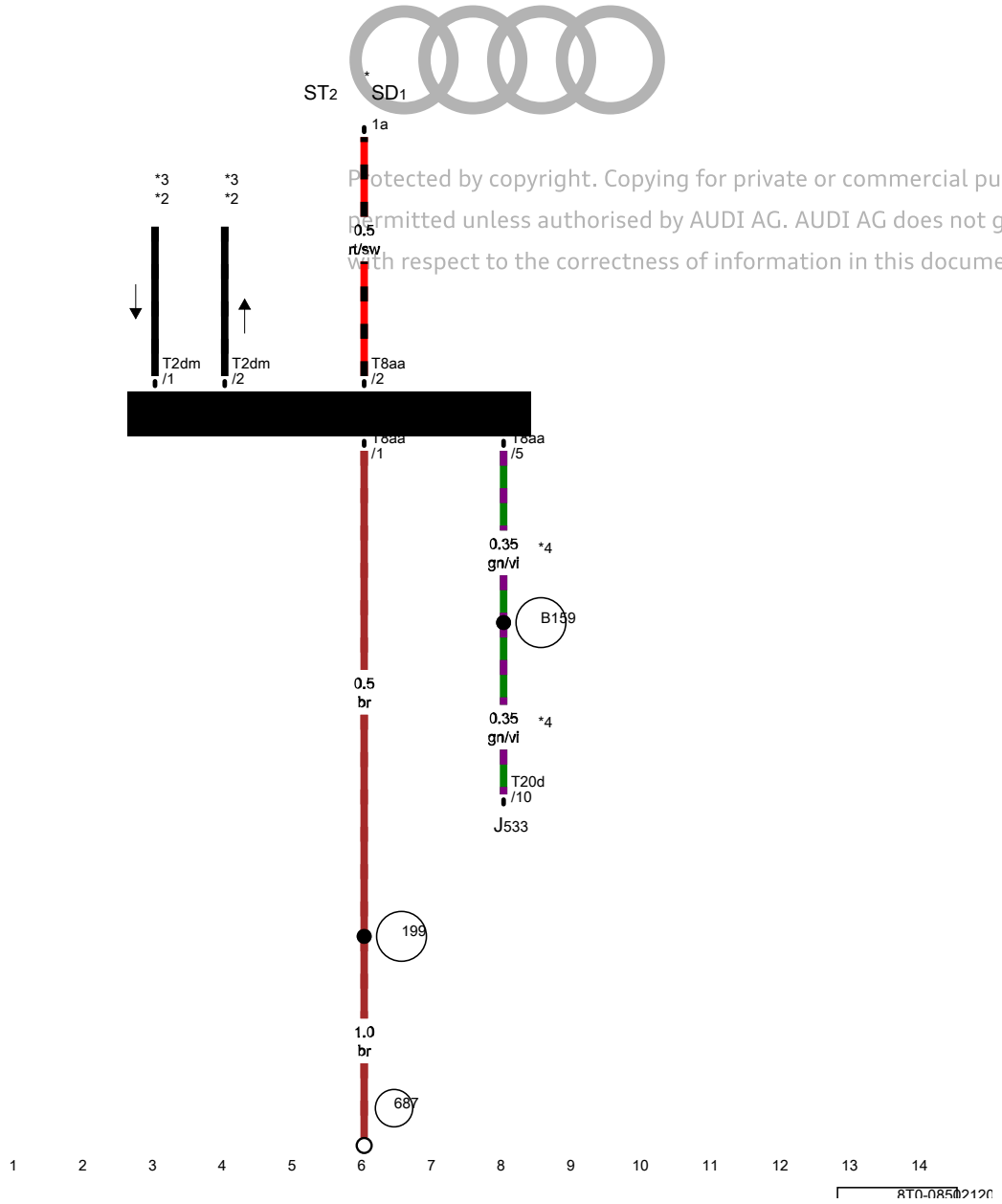
1 2 3 4 5 6 7 8 9 10 11 12 13 14

8T0-084002120

CD/DVD changer (MOST bus)

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CD changer, DVD changer

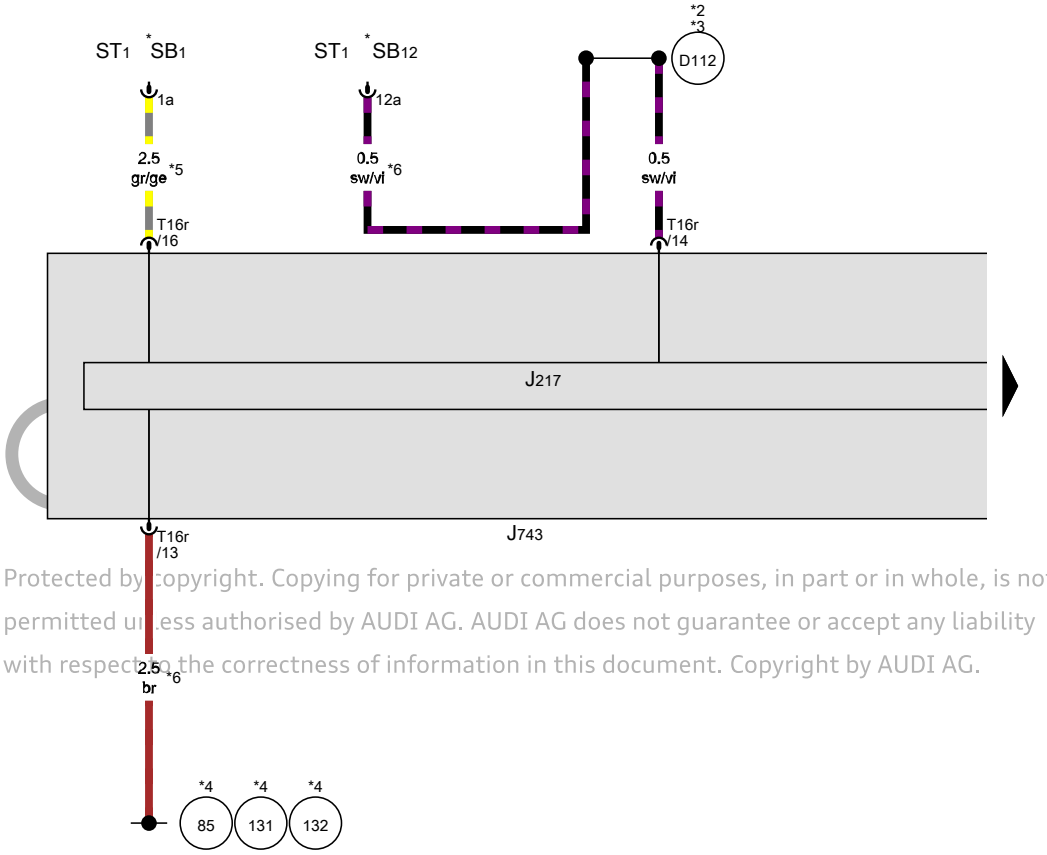
J533	Data bus diagnostic interface
R41	CD changer
R161	DVD changer
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T2dm	2-pin connector
T8aa	8-pin connector
T20d	20-pin connector
199	Earth connection 3, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Fibre optic cable (FOC)
*3	see applicable current flow diagram for infotainment MOST bus
*4	see applicable current flow diagram for ring circuit break diagnostic

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

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

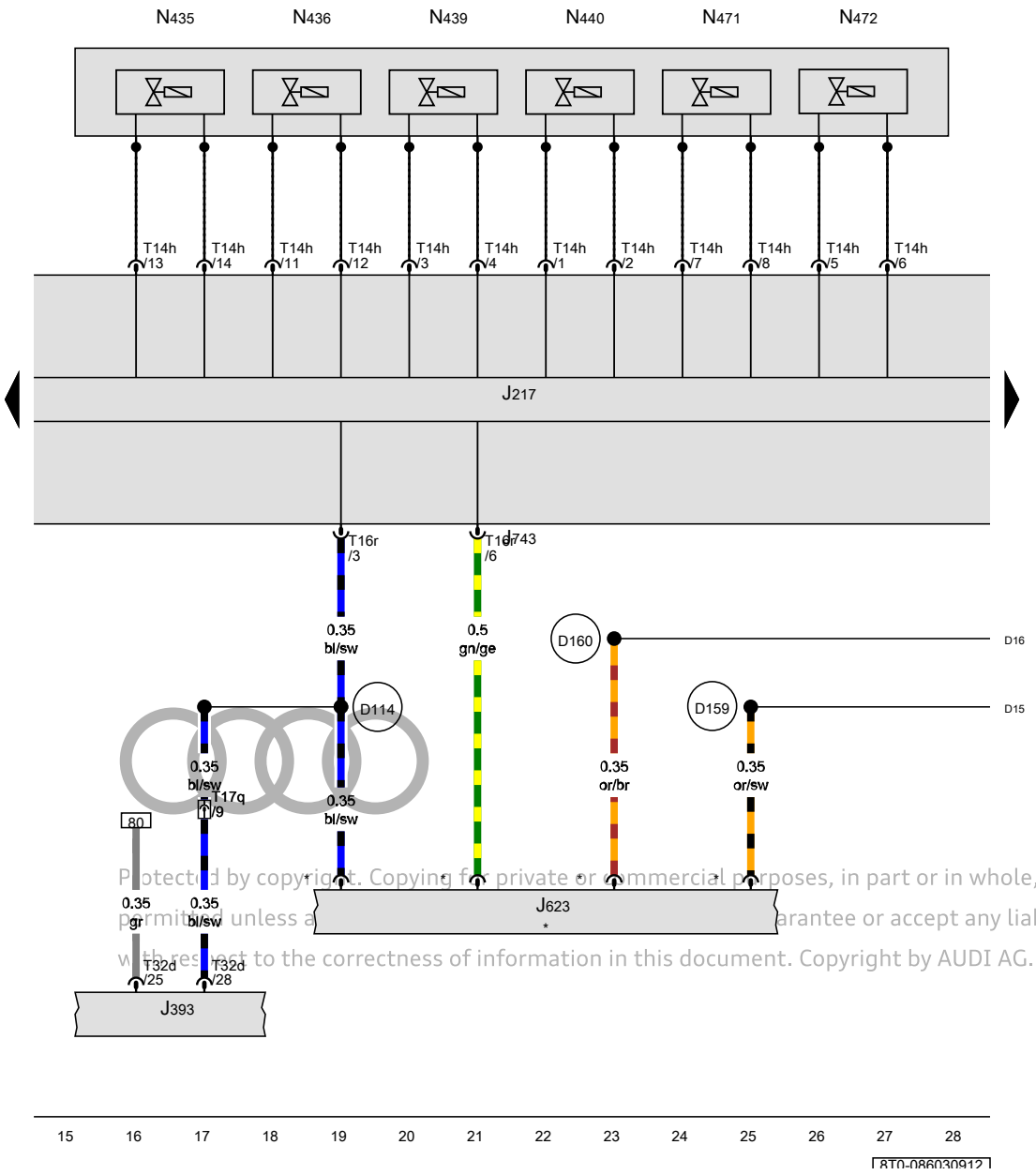
8T0-0860209121

Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox

J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB12	Fuse 12 on fuse holder B
T16r	16-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
D112	Connection 10 in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with diesel engine
*3	Gradually discontinued
*4	see applicable current flow diagram for engine
*5	Cross-section 1.5 possible
*6	Cross section depends on equipment

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br	=	brown
gn	=	green
bl	=	blue
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or	=	orange
rs	=	pink

Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox, Cooling oil valve, Main pressure valve

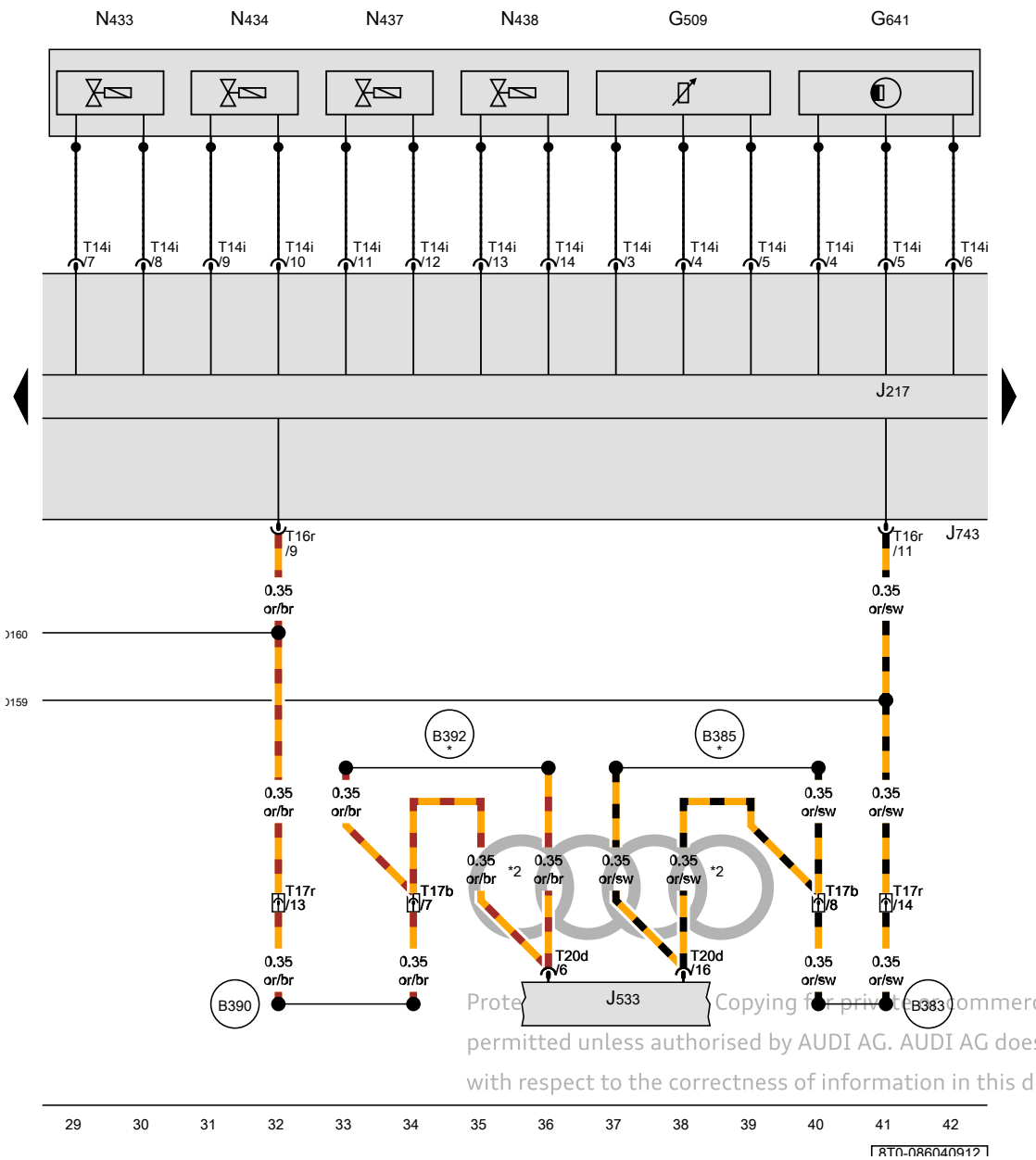


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J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
N435	Valve 3 in sub-gearbox 1
N436	Valve 4 in sub-gearbox 1
N439	Valve 3 in sub-gearbox 2
N440	Valve 4 in sub-gearbox 2
N471	Cooling oil valve
N472	Main pressure valve
T14h	14-pin connector
T16r	16-pin connector
T17q	17-pin connector
T32d	32-pin connector
D114	Connection 12 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for engine

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gn	=	green
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or	=	orange
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Clutch temperature sender, Gearbox input speed sender 3, Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox



G509	Clutch temperature sender
G641	Gearbox input speed sender 3
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
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
T14i	14-pin connector
T16r	16-pin connector
T17b	17-pin connector
T17r	17-pin connector
T20d	20-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

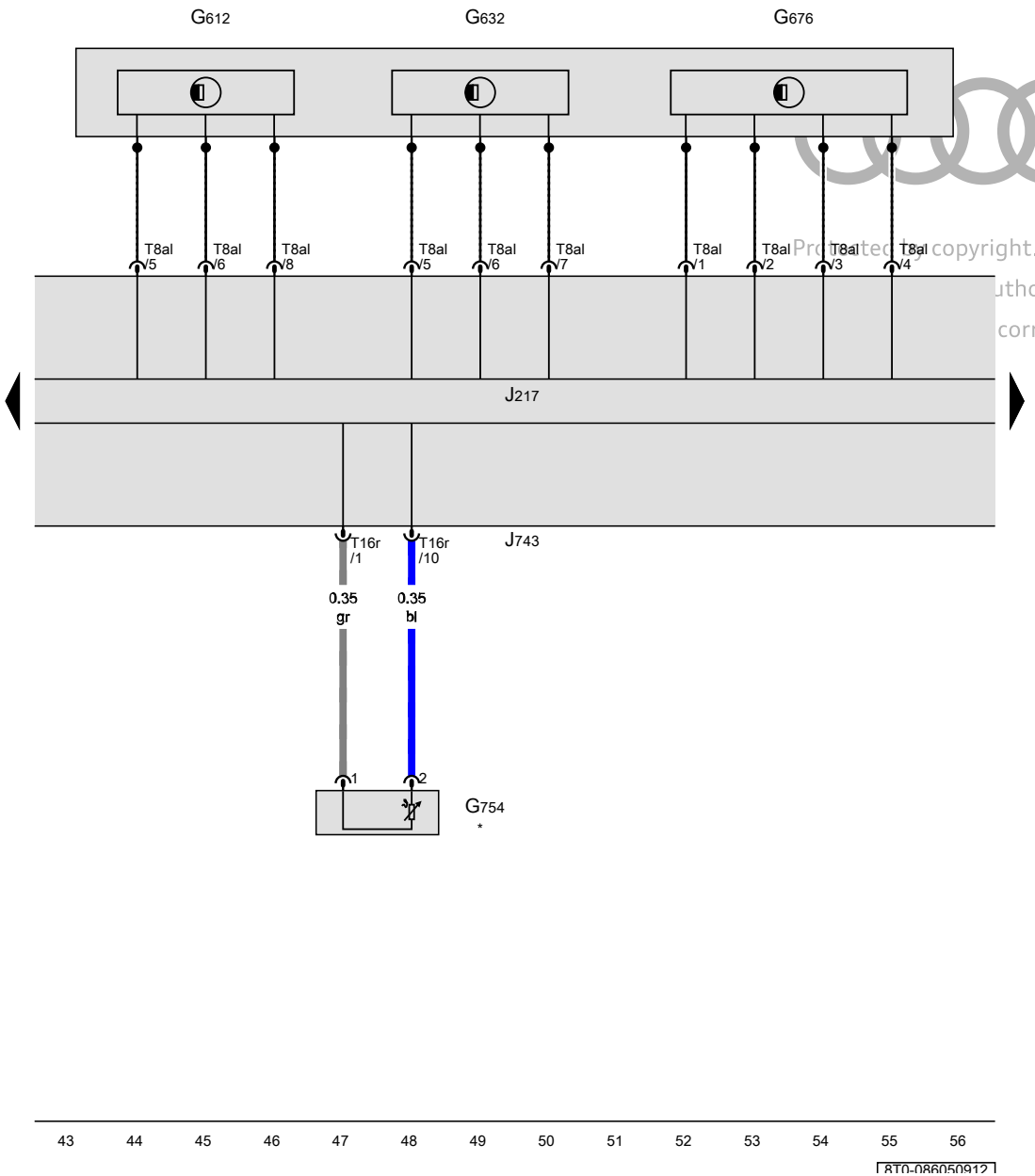
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Gearbox input speed sender 2, Gearbox input speed sender 1, Gear sensor, Gearbox oil temperature sender 2, Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox

G612	Gearbox input speed sender 2
G632	Gearbox input speed sender 1
G676	Gear sensor
G754	Gearbox oil temperature sender 2
J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox
T8al	8-pin connector
T16r	16-pin connector
*	Special equipment

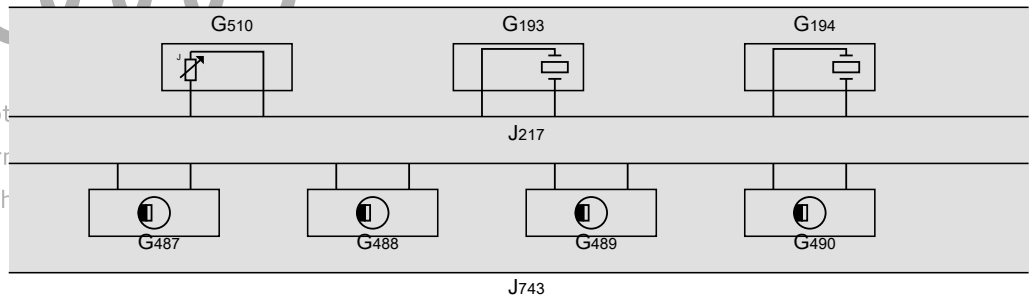
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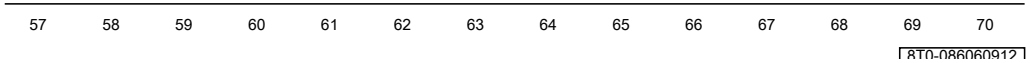
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Automatic gearbox hydraulic pressure sender 1, Temperature sender in control unit, Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox

G193 Automatic gearbox hydraulic pressure sender 1
G194 Automatic gearbox hydraulic pressure sender 2
G487 Gear selector movement sensor 1
G488 Gear selector movement sensor 2
G489 Gear selector movement sensor 3
G490 Gear selector movement sensor 4
G510 Temperature sender in control unit
J217 Automatic gearbox control unit
J743 Mechatronic unit for dual clutch gearbox



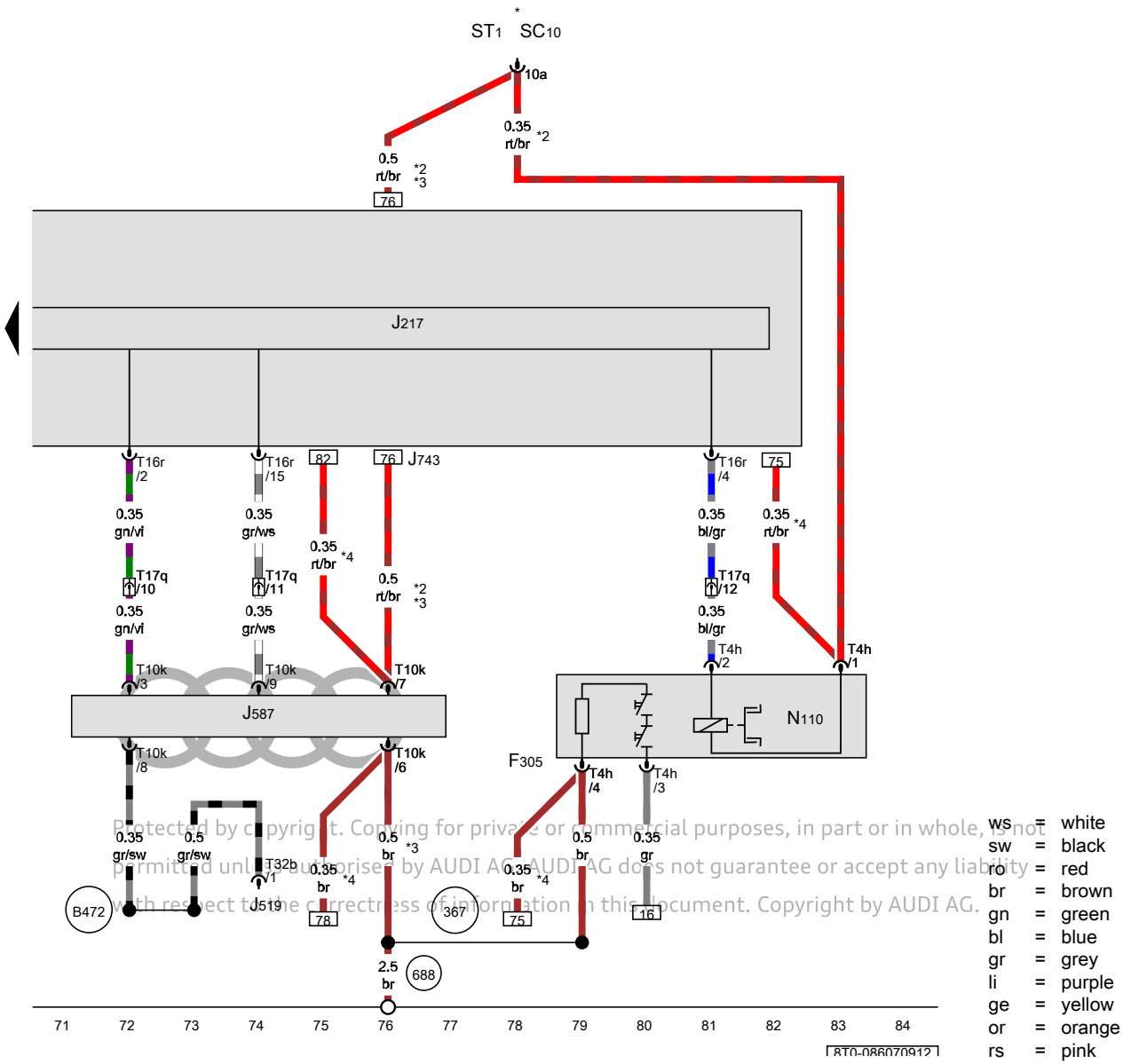
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li = purple
ge = yellow
or = orange
rs = pink

Gear selector position P switch, Automatic gearbox control unit, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox

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
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T4h	4-pin connector
T10k	10-pin connector
T16r	16-pin connector
T17q	17-pin connector
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Gradually discontinued
*4	gradual introduction



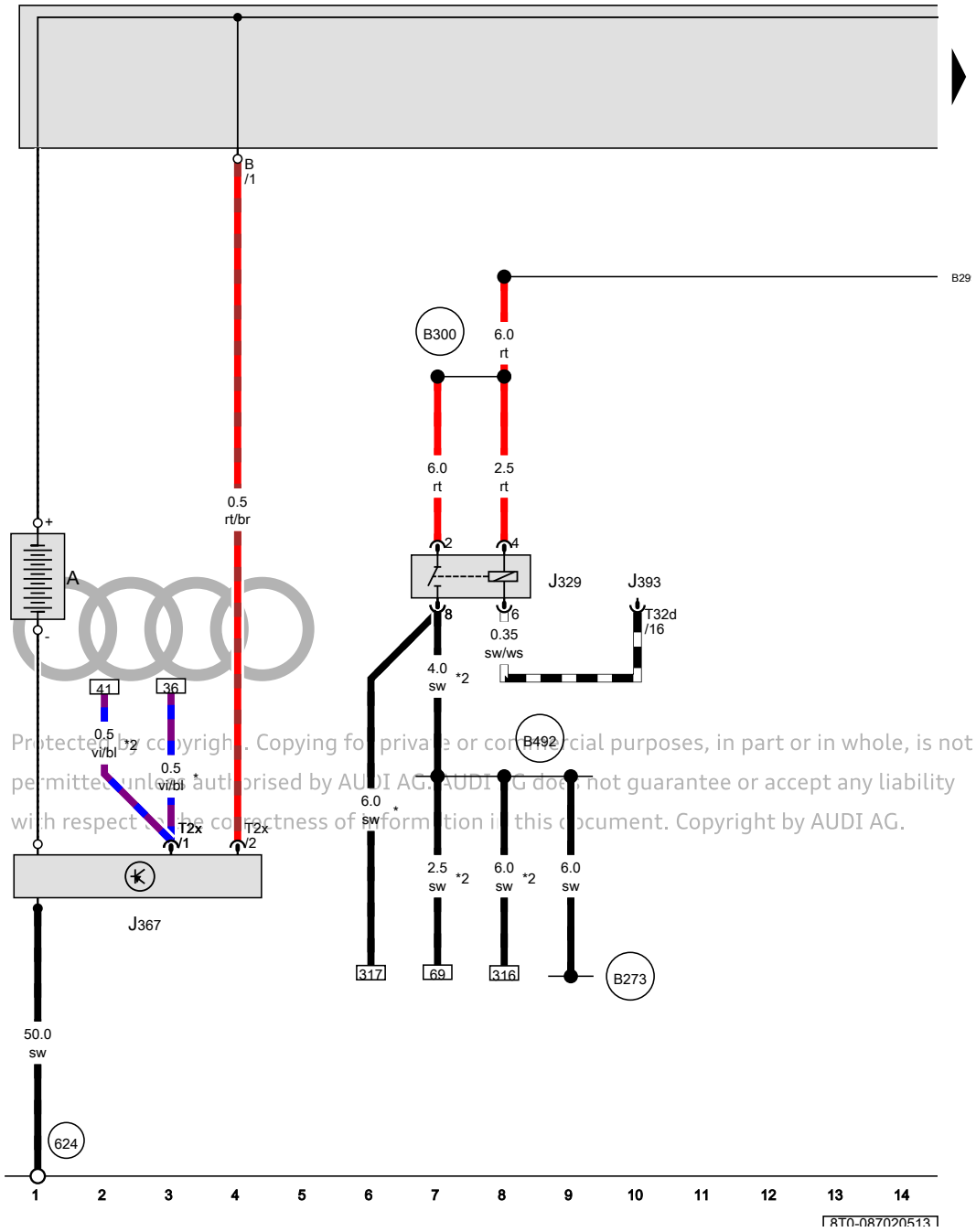
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4.2l petrol engine , CAUA

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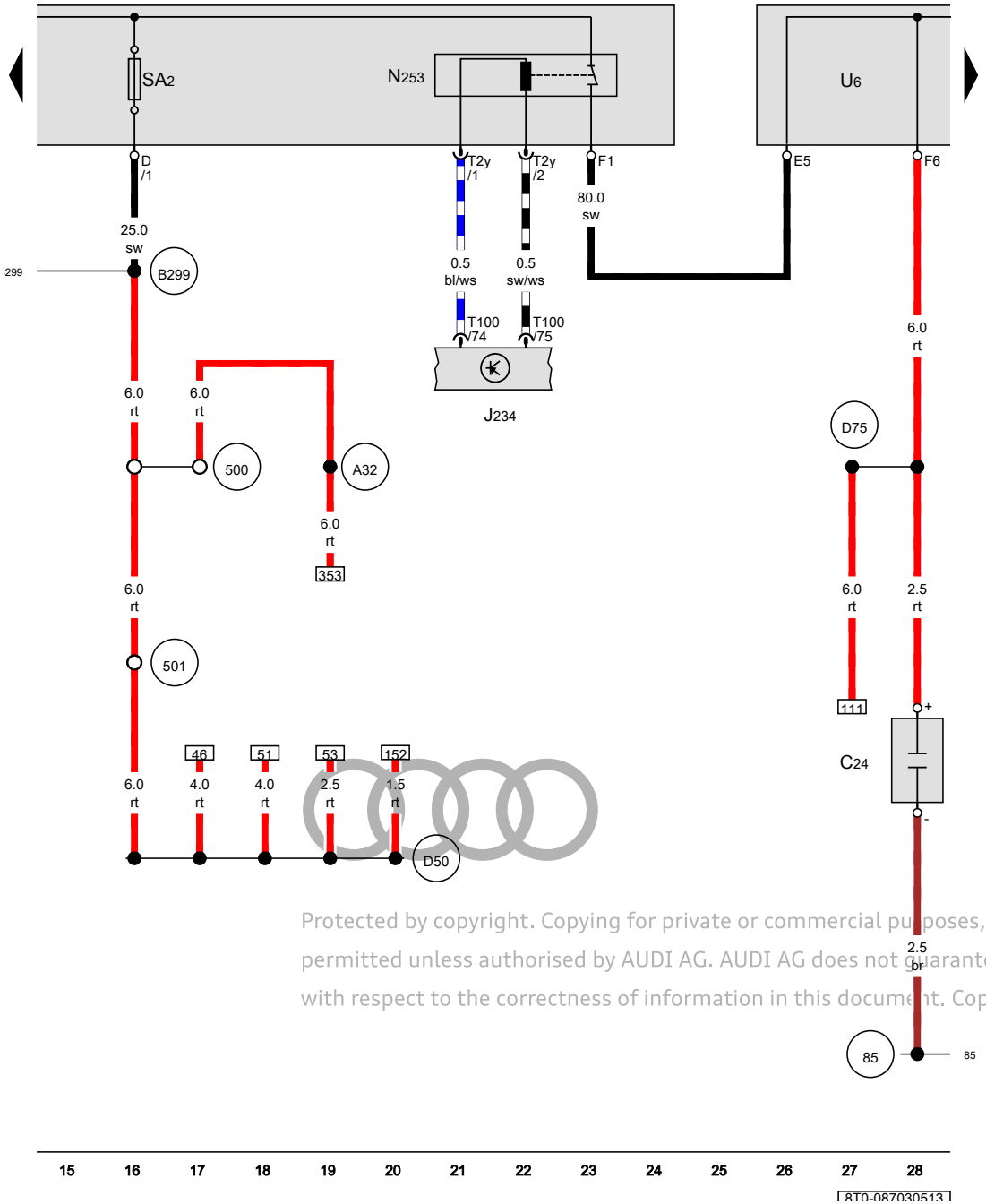


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Battery, Terminal 15 voltage supply relay, Battery monitor control unit

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B273	Positive connection (15), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	From May 2009
*2	Up to April 2009

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ro	=	red
rt	=	red
br	=	brown
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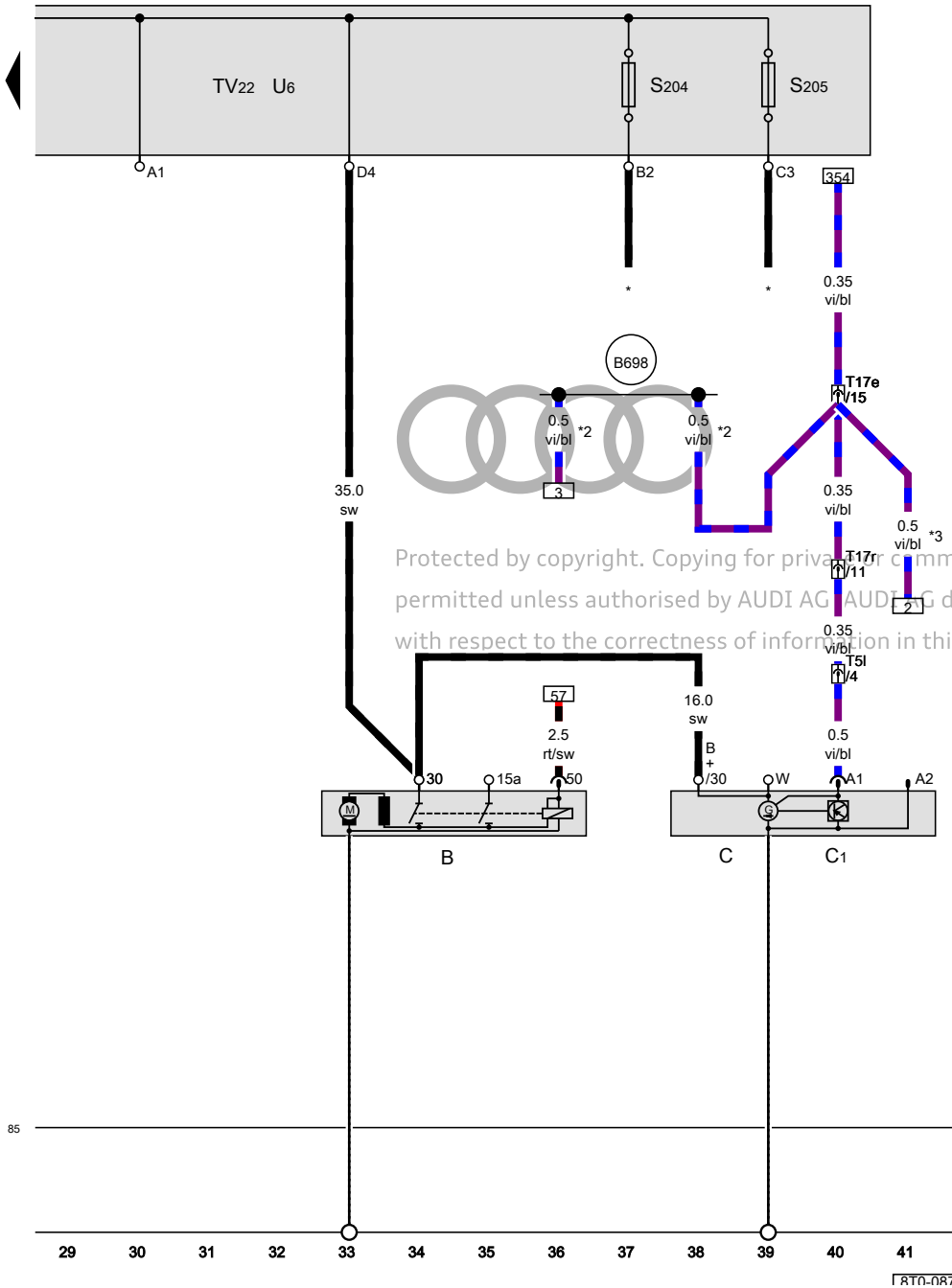


Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
85	Earth connection 1, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness

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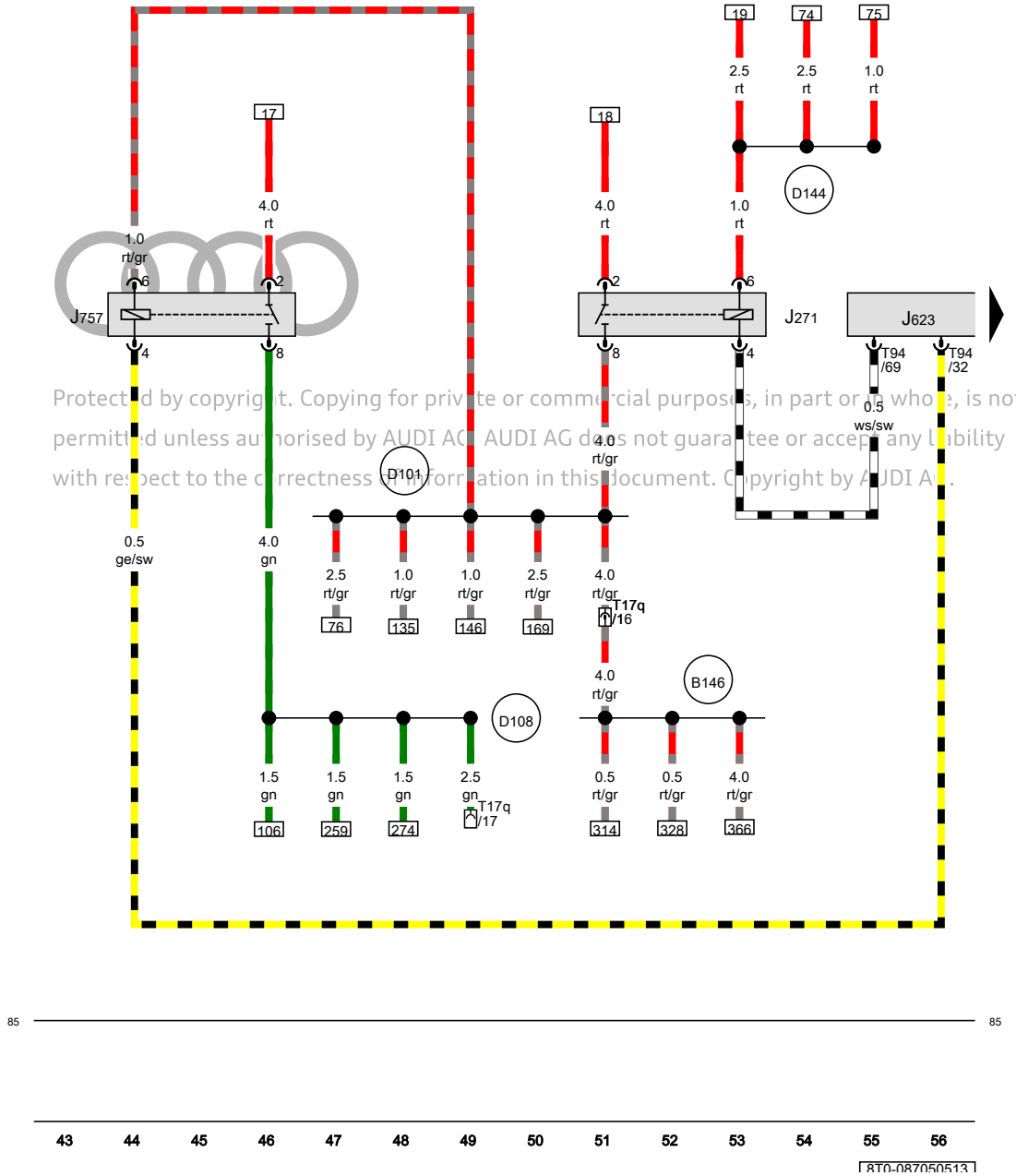
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	From May 2009
*3	Up to April 2009

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

Main relay, Engine control unit, Engine component current supply relay

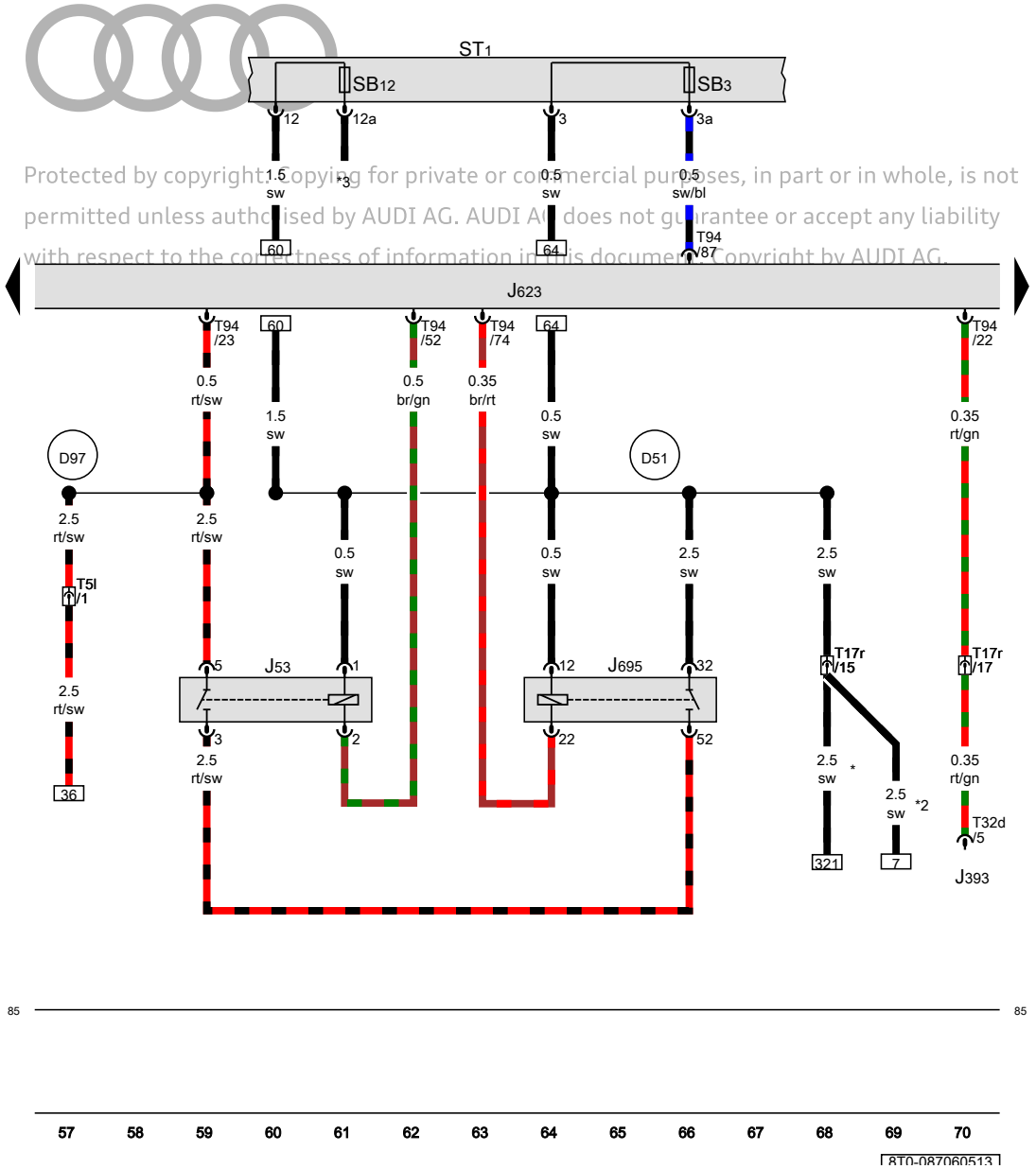
J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D144	Positive connection 5 (30), 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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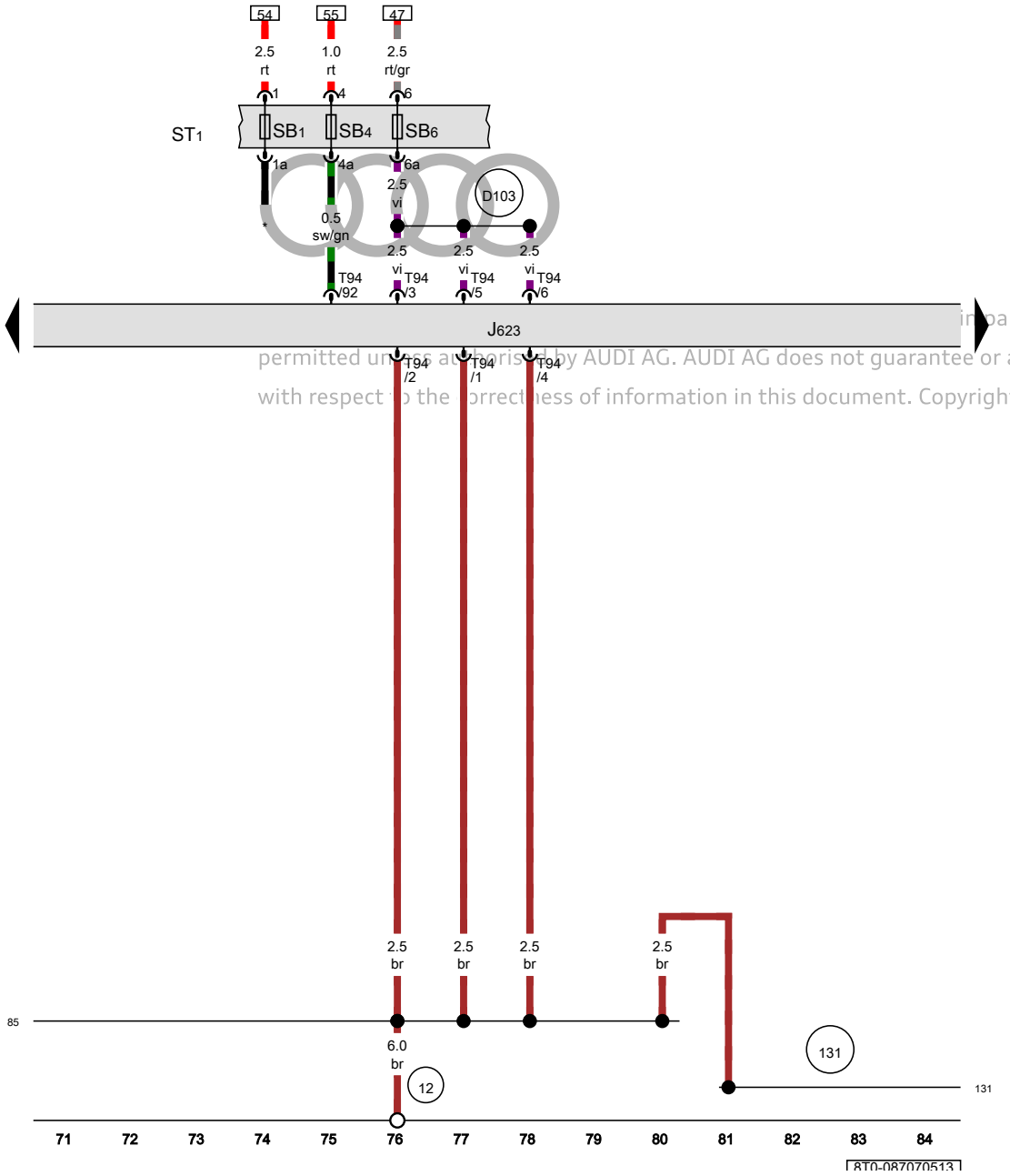
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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	From May 2009
*2	Up to April 2009
*3	see applicable current flow diagram for automatic gearbox



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Engine control unit

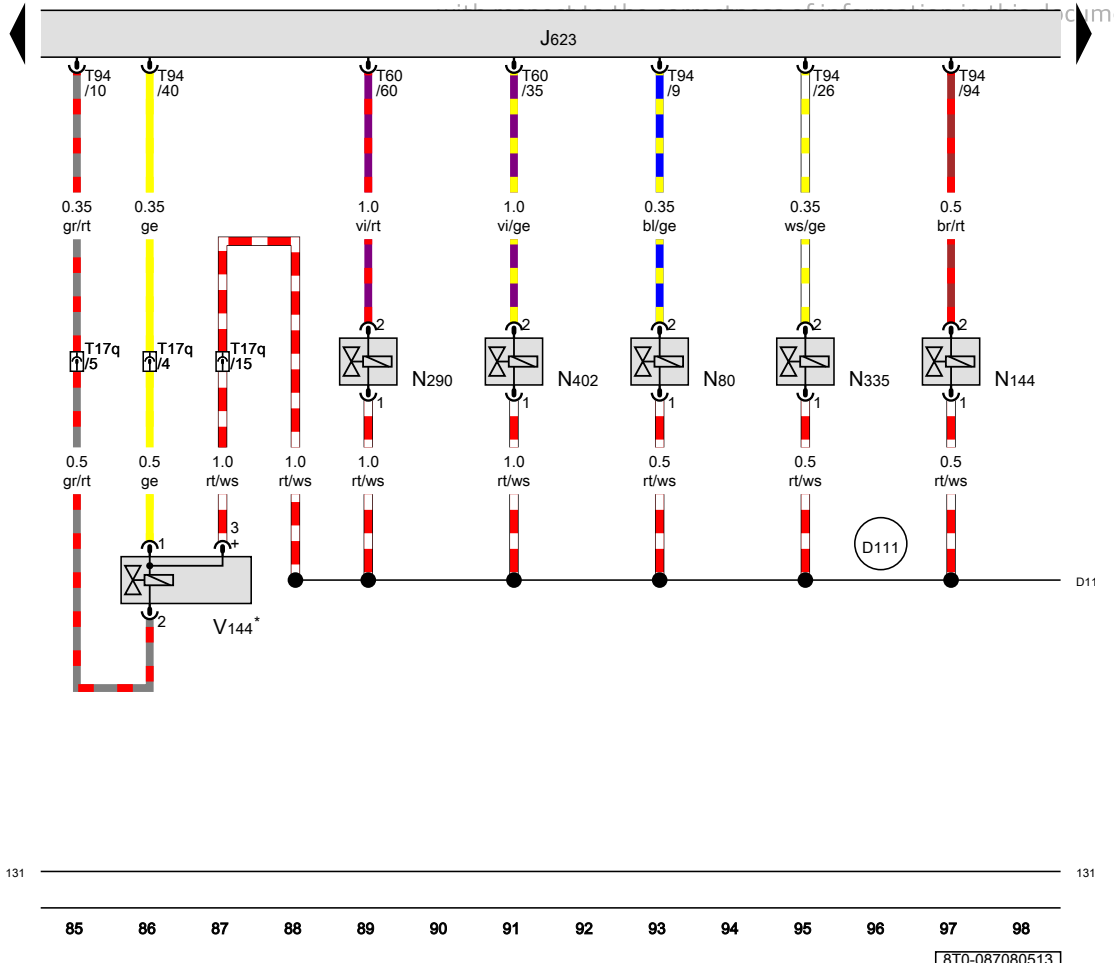
J623	Engine control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox

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sw	=	black
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rt	=	red
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Engine control unit, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Fuel metering valve, Variable intake manifold changeover valve, Fuel metering valve 2, Fuel system diagnostic pump

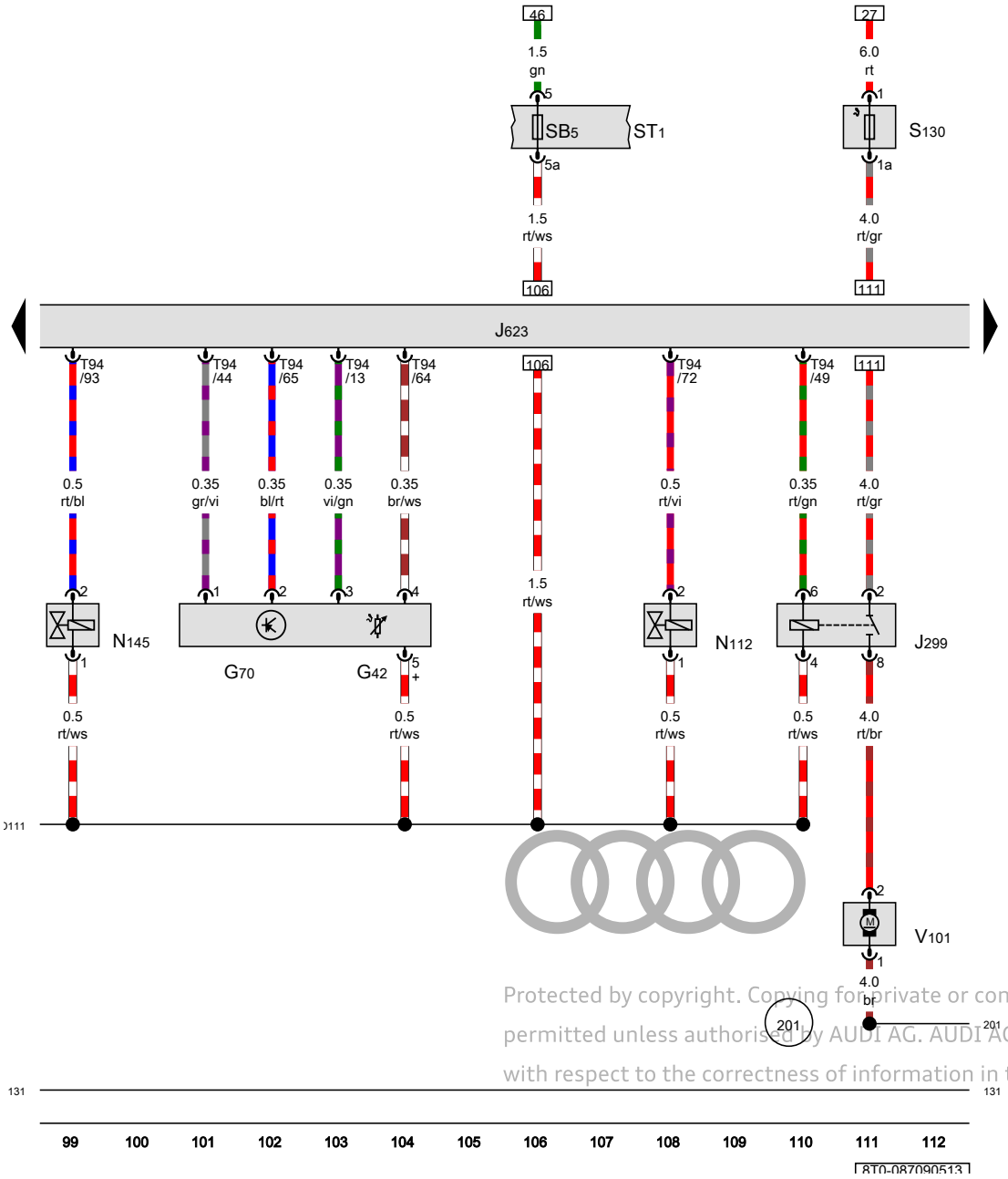
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N144	Left electrohydraulic engine mounting solenoid valve
N290	Fuel metering valve
N335	Variable intake manifold changeover valve
N402	Fuel metering valve 2
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
131	Earth connection 2, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	Only models with US equipment



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sw	=	black
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rt	=	red
br	=	brown
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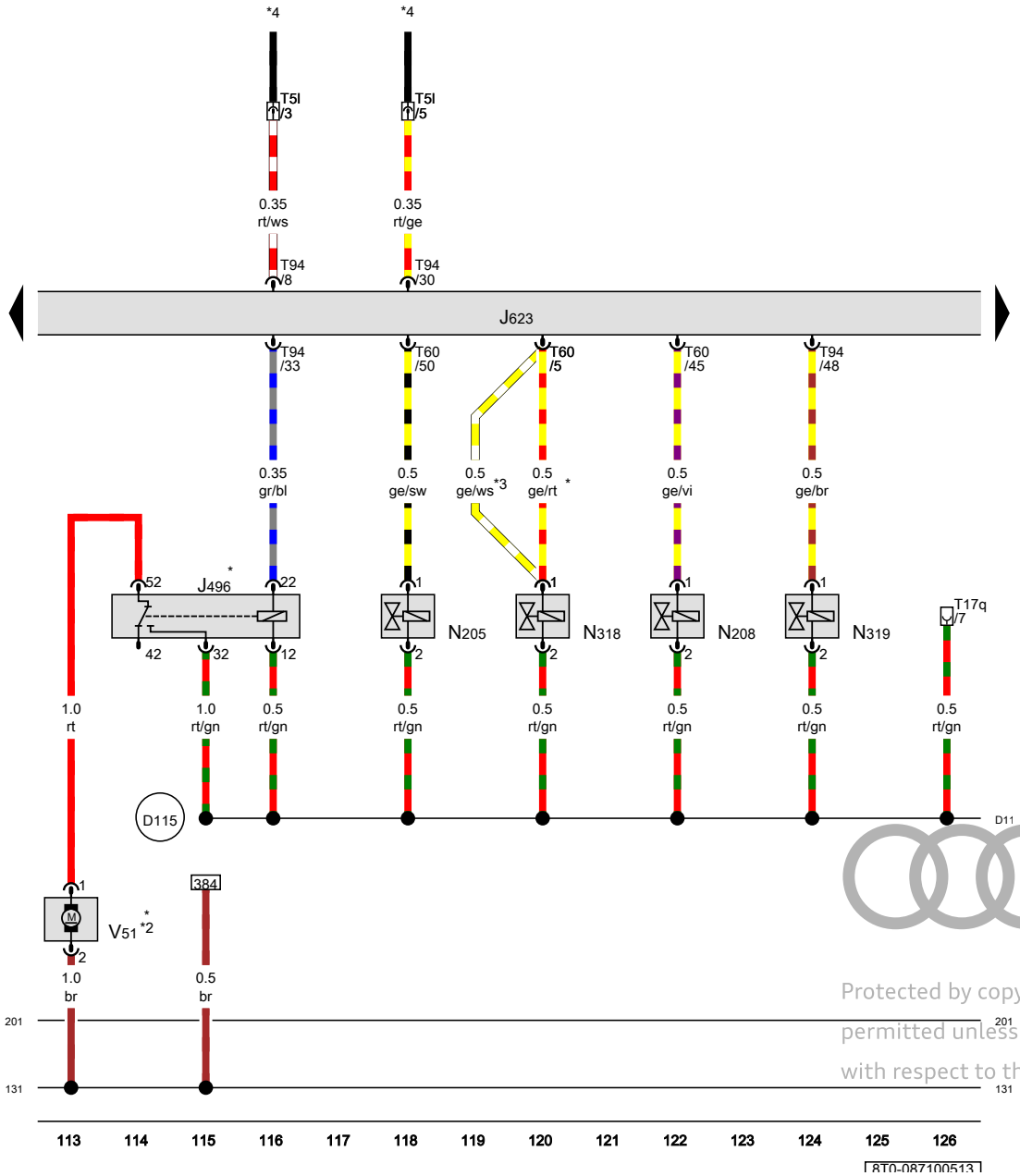
Air mass meter, Secondary air pump relay, Engine control unit, Right electrohydraulic engine mounting solenoid valve, Secondary air pump motor

G42	Intake air temperature sender
G70	Air mass meter
J299	Secondary air pump relay
J623	Engine control unit
N112	Secondary air inlet valve
N145	Right electrohydraulic engine mounting solenoid valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
S130	Secondary air pump fuse
T94	94-pin connector
V101	Secondary air pump motor
131	Earth connection 2, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness



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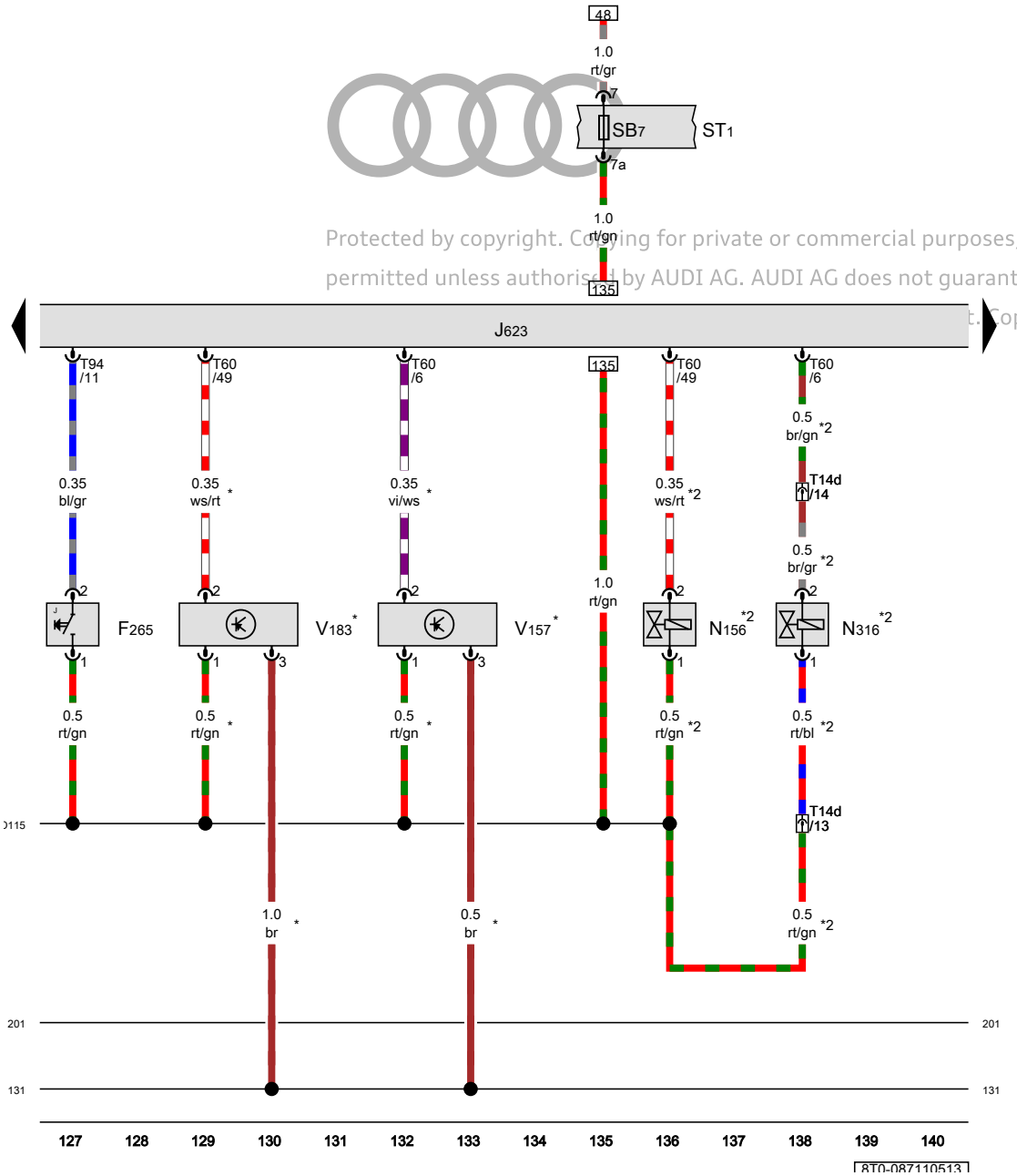


Additional coolant pump relay, Engine control unit, Camshaft control valve 1, Camshaft control valve 2, Exhaust camshaft control valve 1, Exhaust camshaft control valve 2, Continued coolant circulation pump

J496	Additional coolant pump relay
J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
T5l	5-pin connector
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
131	Earth connection 2, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Gradually discontinued
*2	Only for countries with hot climate
*3	gradual introduction
*4	see applicable current flow diagram for radiator fan

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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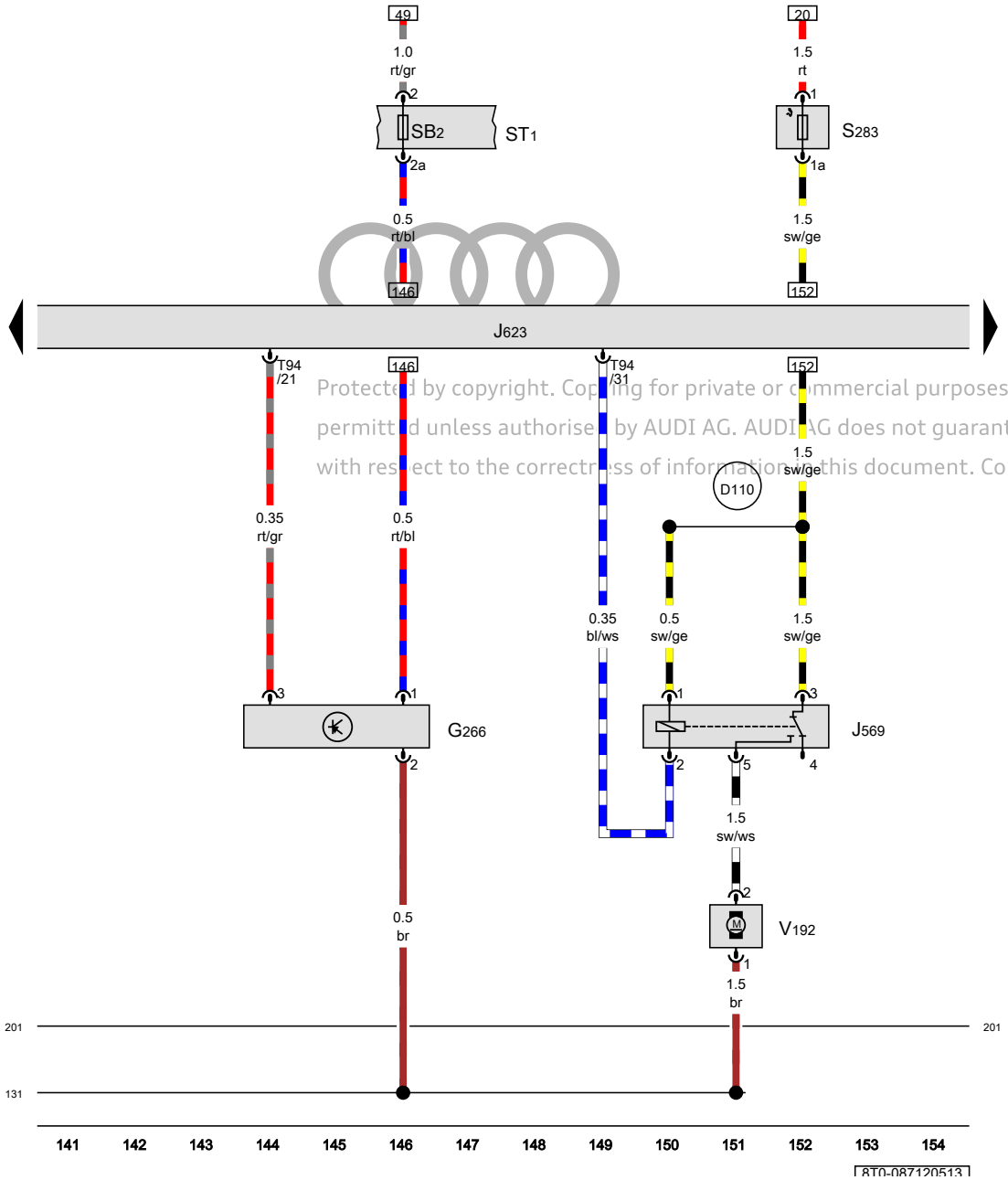
Map-controlled engine cooling system thermostat, Engine control unit, Intake manifold flap valve, Intake manifold flap motor, Variable intake manifold motor

F265	Map-controlled engine cooling system thermostat
J623	Engine control unit
N156	Variable intake manifold changeover valve
N316	Intake manifold flap valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T14d	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
V157	Intake manifold flap motor
V183	Variable intake manifold motor
131	Earth connection 2, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

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or	=	orange
rs	=	pink

Oil level and oil temperature sender, Brake servo relay, Engine control unit, Vacuum pump for brakes

G266	Oil level and oil temperature sender
J569	Brake servo relay
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
S283	Brake vacuum pump fuse
T94	94-pin connector
V192	Vacuum pump for brakes
131	Earth connection 2, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness

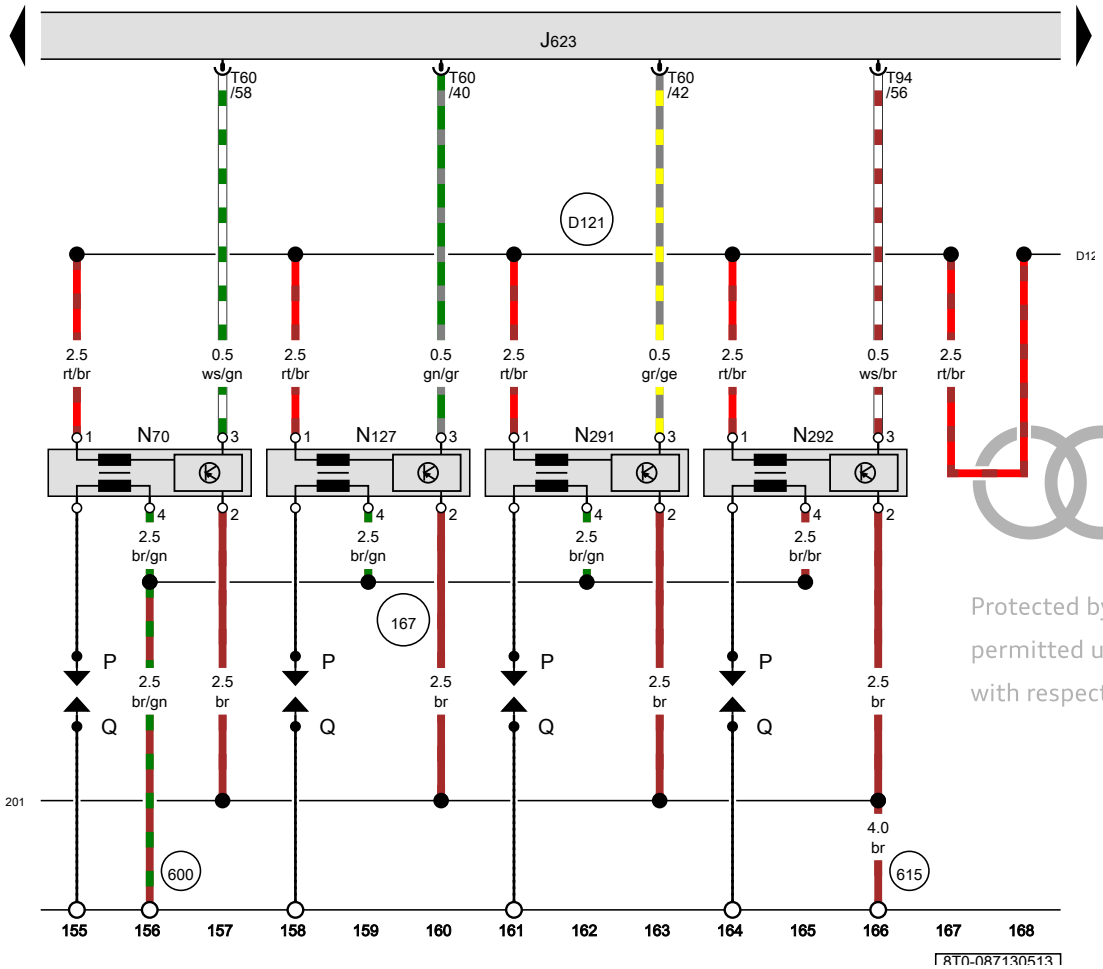


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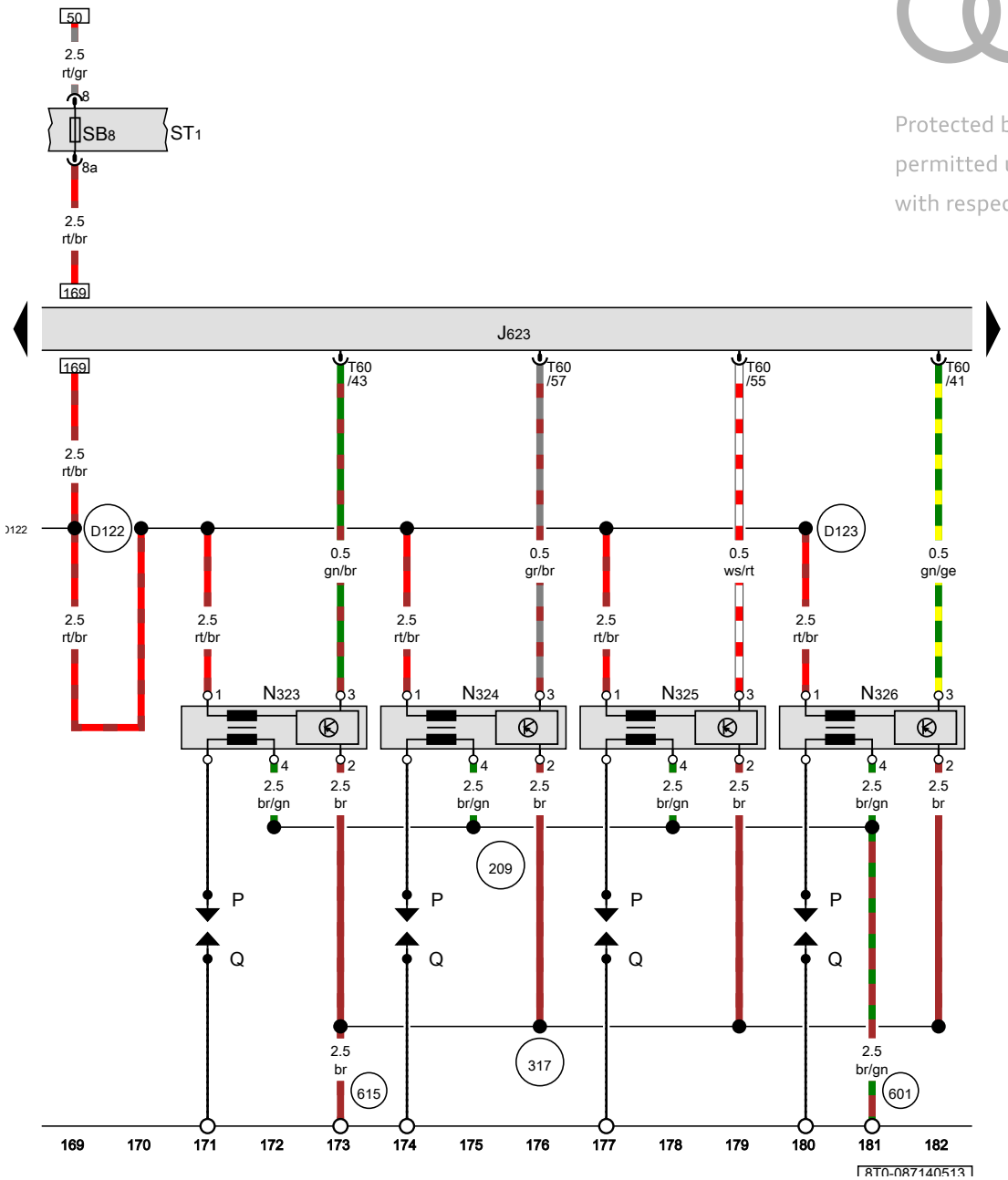
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
615	Earth point, on left suspension strut
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness



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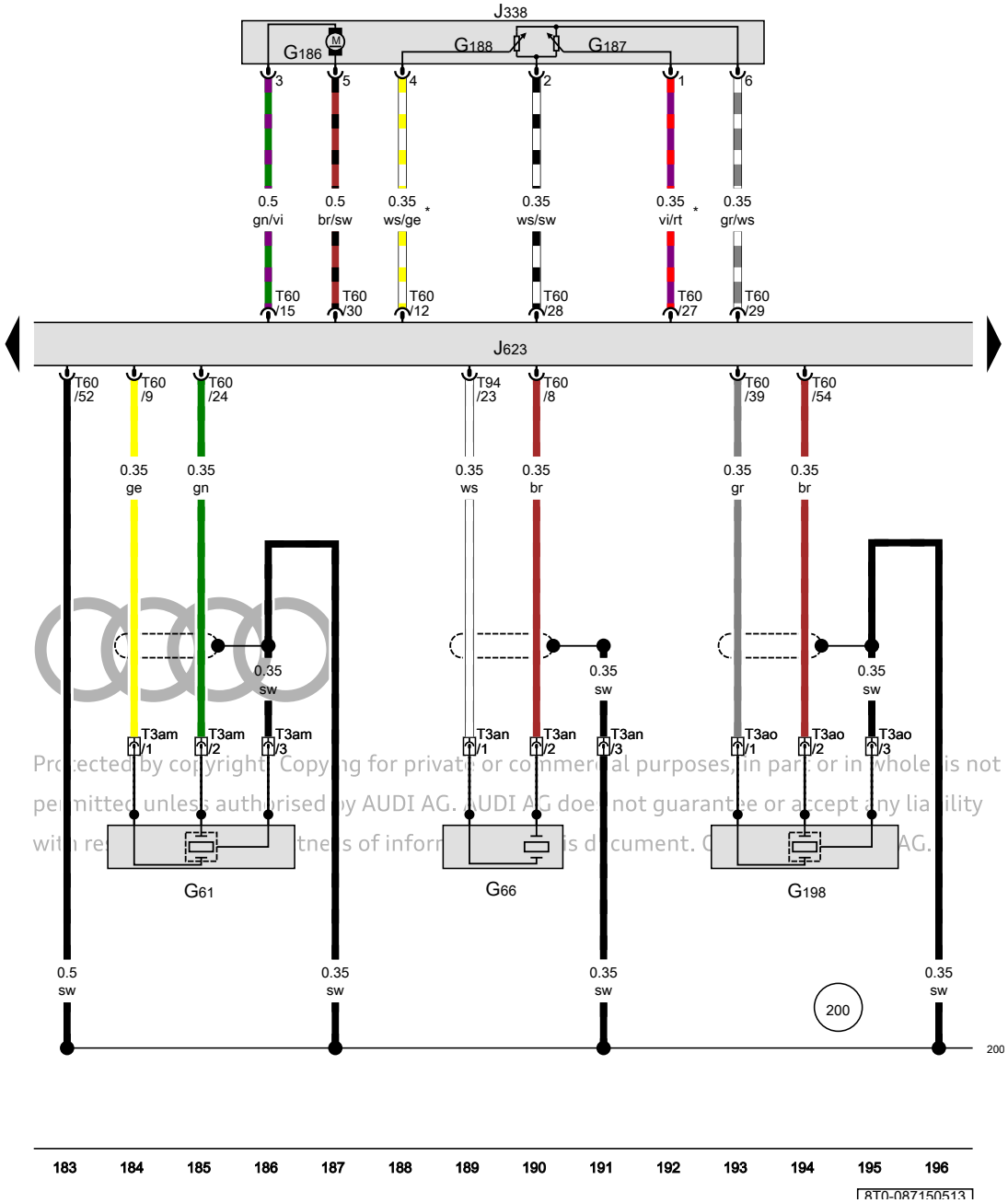


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Engine control unit, Ignition coil 5 with output stage, Ignition coil 6 with output stage, Ignition coil 7 with output stage, Ignition coil 8 with output stage

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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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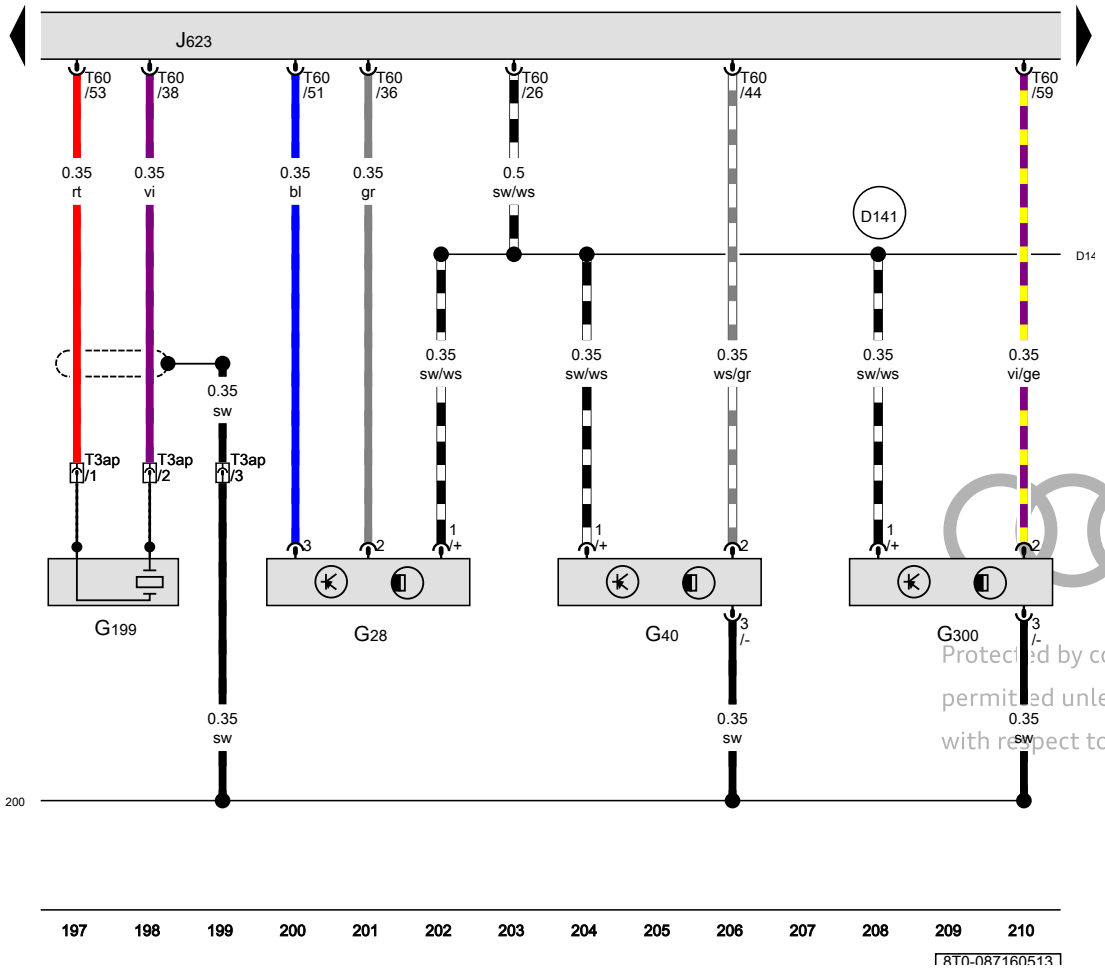
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sw = black
ro = red
rt = red
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gn = green
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li = purple
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Knock sensor 1, Knock sensor 2, Knock sensor 3, Throttle valve module, Engine 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
G198	Knock sensor 3
J338	Throttle valve module
J623	Engine control unit
T3am	3-pin connector, black
T3an	3-pin connector, brown
T3ao	3-pin connector, black
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
*	Wiring colour depends on equipment

Engine speed sender, Hall sender, Knock sensor 4, Hall sender 3, Engine control unit

G28	Engine speed sender
G40	Hall sender
G199	Knock sensor 4
G300	Hall sender 3
J623	Engine control unit
T3ap	3-pin connector, brown
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

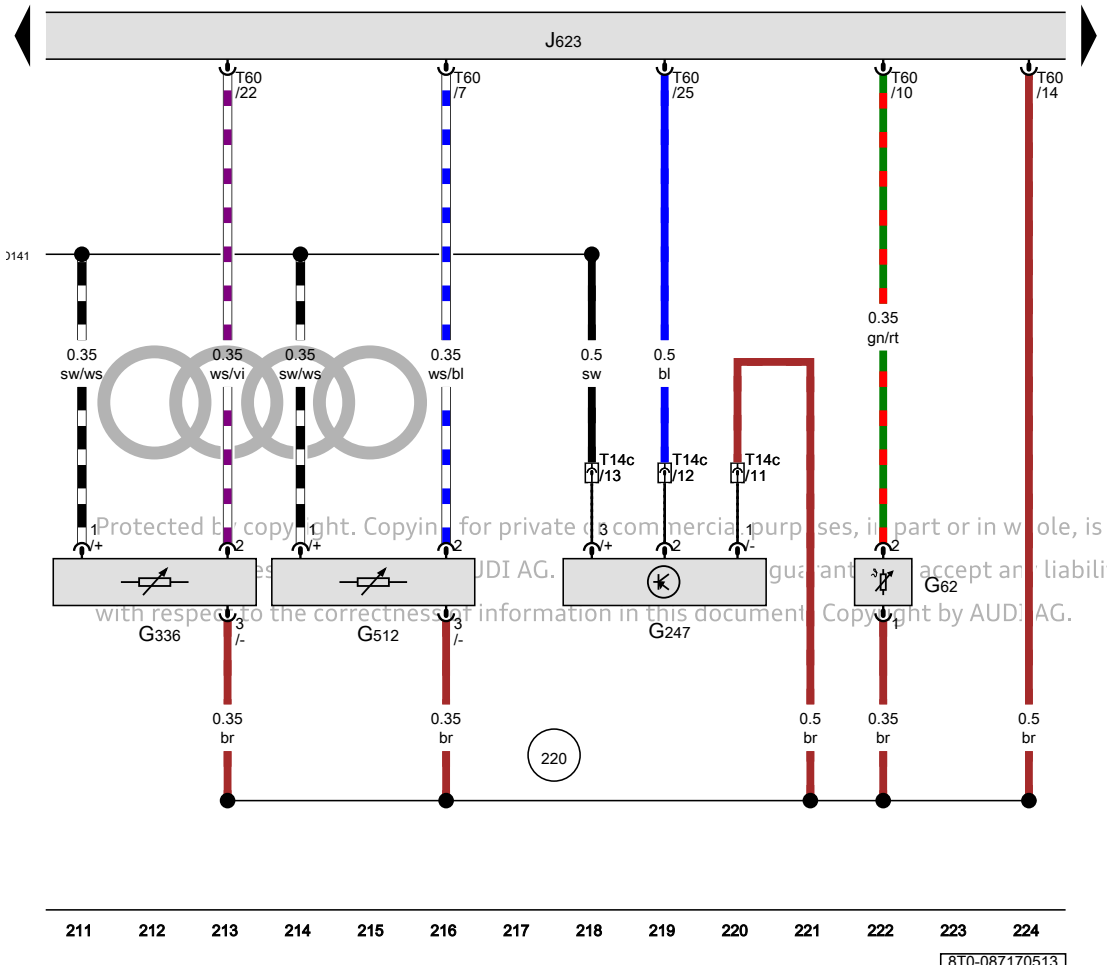


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Coolant temperature sender, Fuel pressure sender, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine control unit

G62	Coolant temperature sender
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine control unit
T14c	14-pin connector, in engine compartment
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness

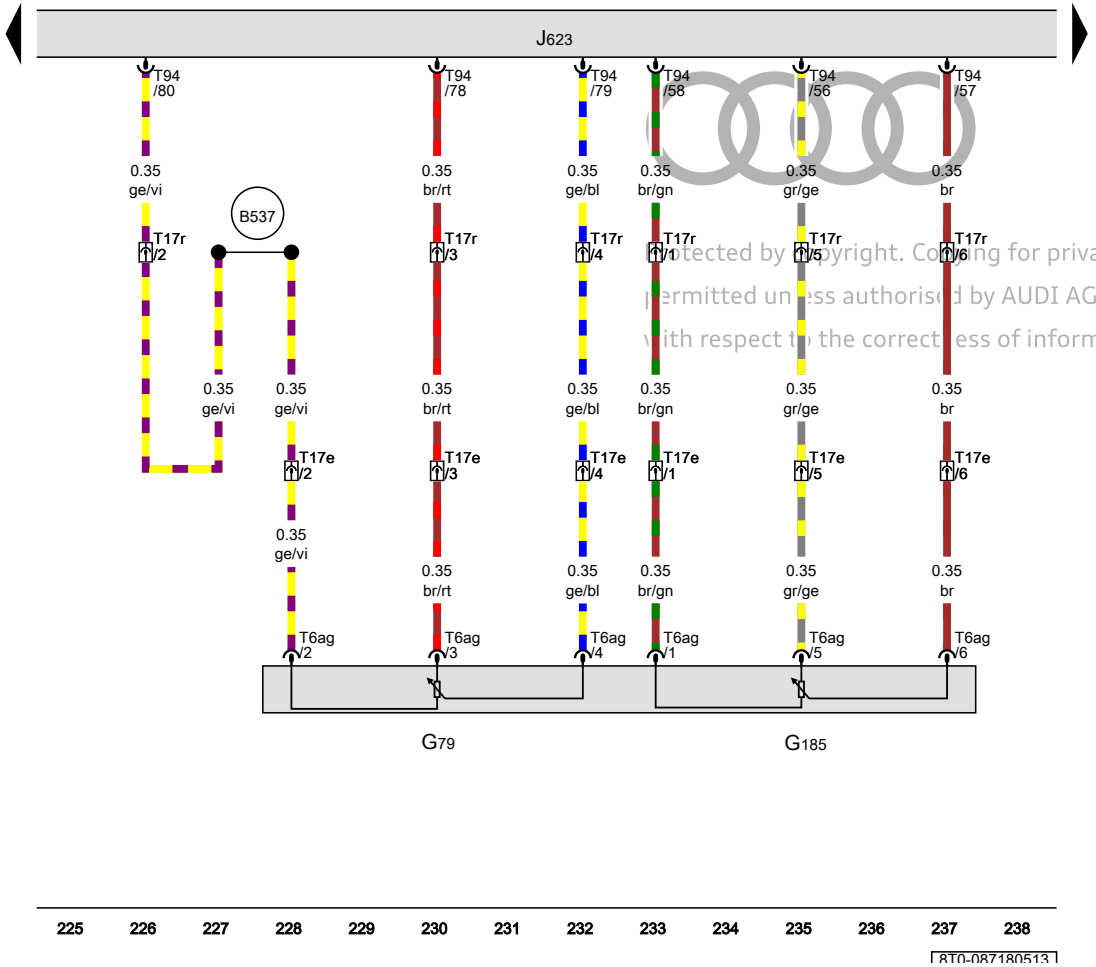


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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Accelerator position sender, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

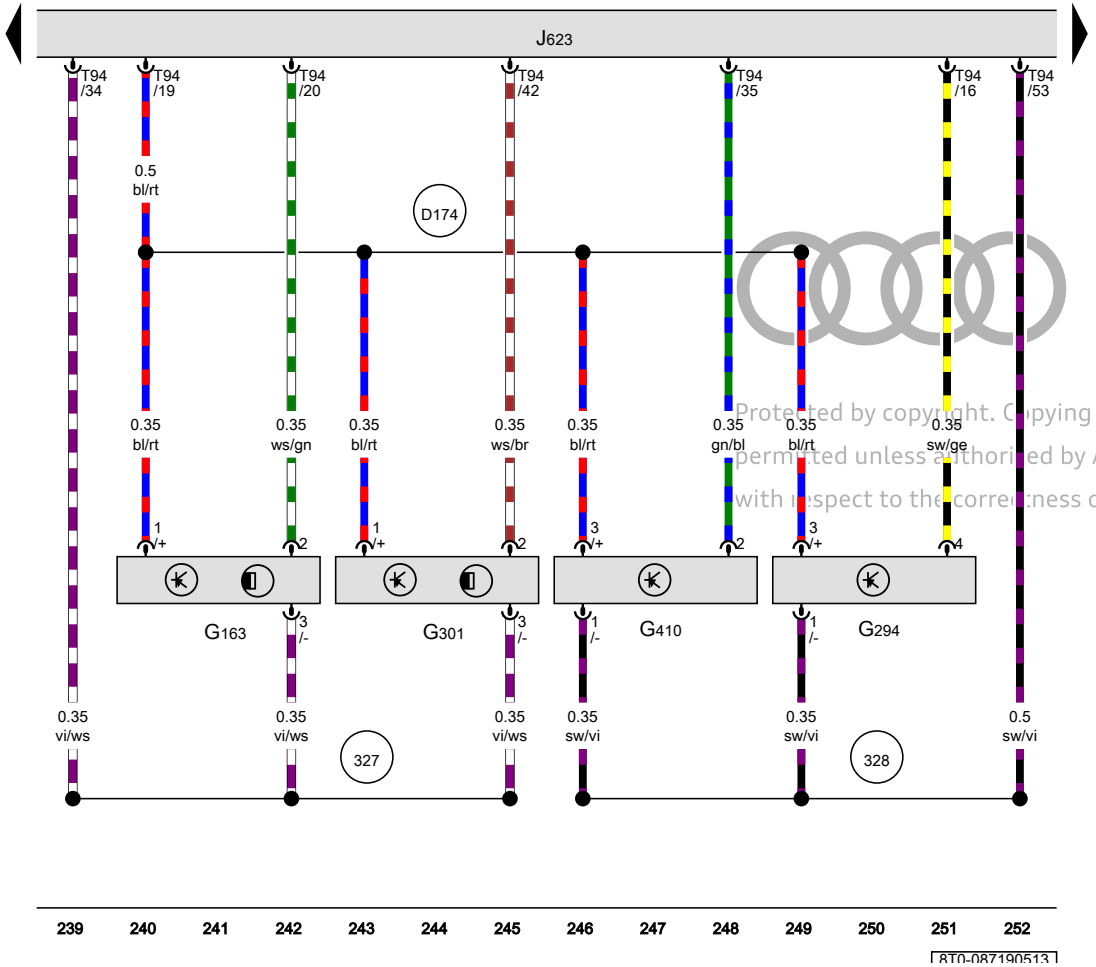


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Hall sender 2, Brake servo pressure sensor, Hall sender 4, Fuel pressure sender for low-pressure, Engine control unit

G163	Hall sender 2
G294	Brake servo pressure sensor
G301	Hall sender 4
G410	Fuel pressure sender for low-pressure
J623	Engine control unit
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
D174	Connection 2 (5V) in engine prewiring harness

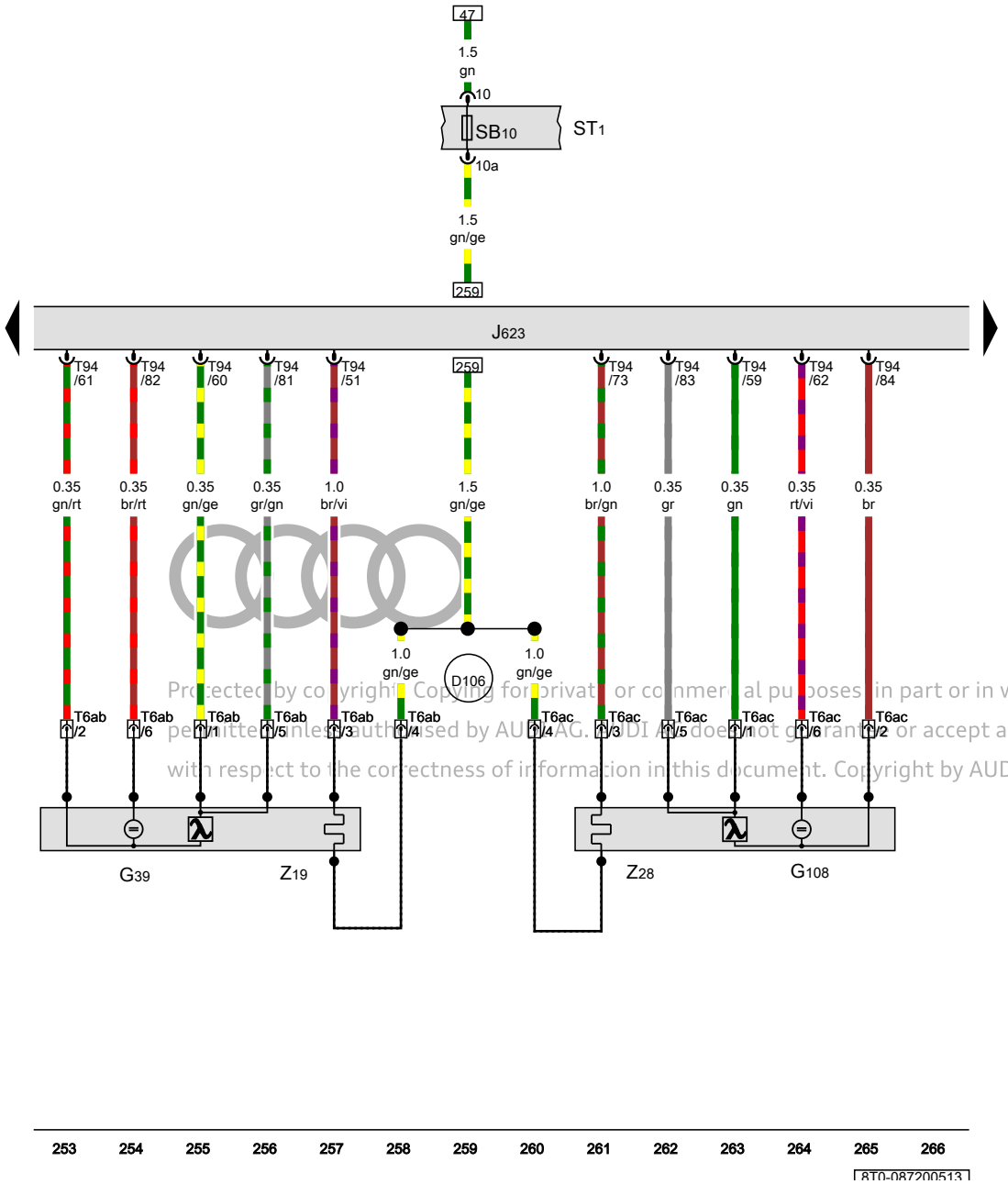


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Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6ab	6-pin connector, black
T6ac	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

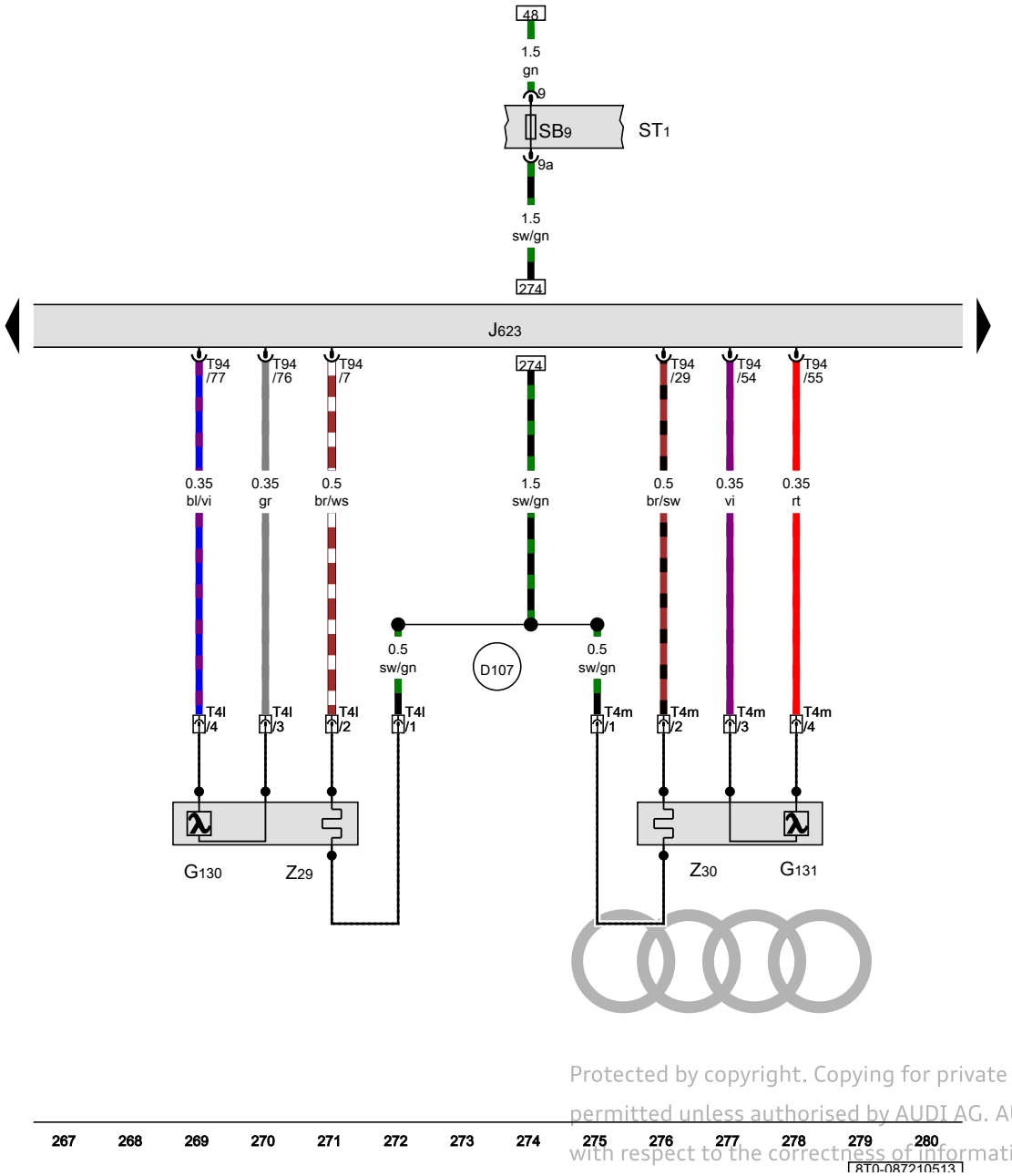


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Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4l	4-pin connector, black
T4m	4-pin connector, brown
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness



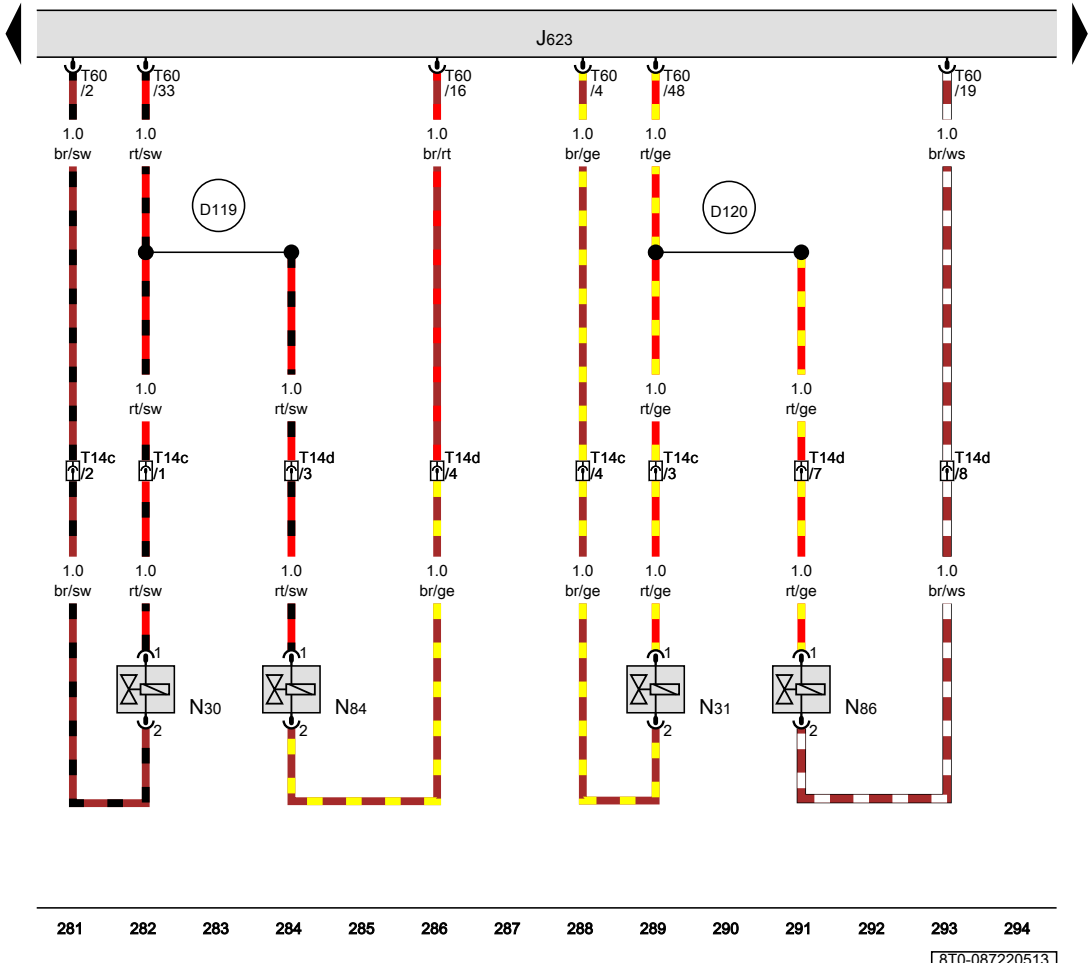
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 6, Injector, cylinder 8

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T60	60-pin connector
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness

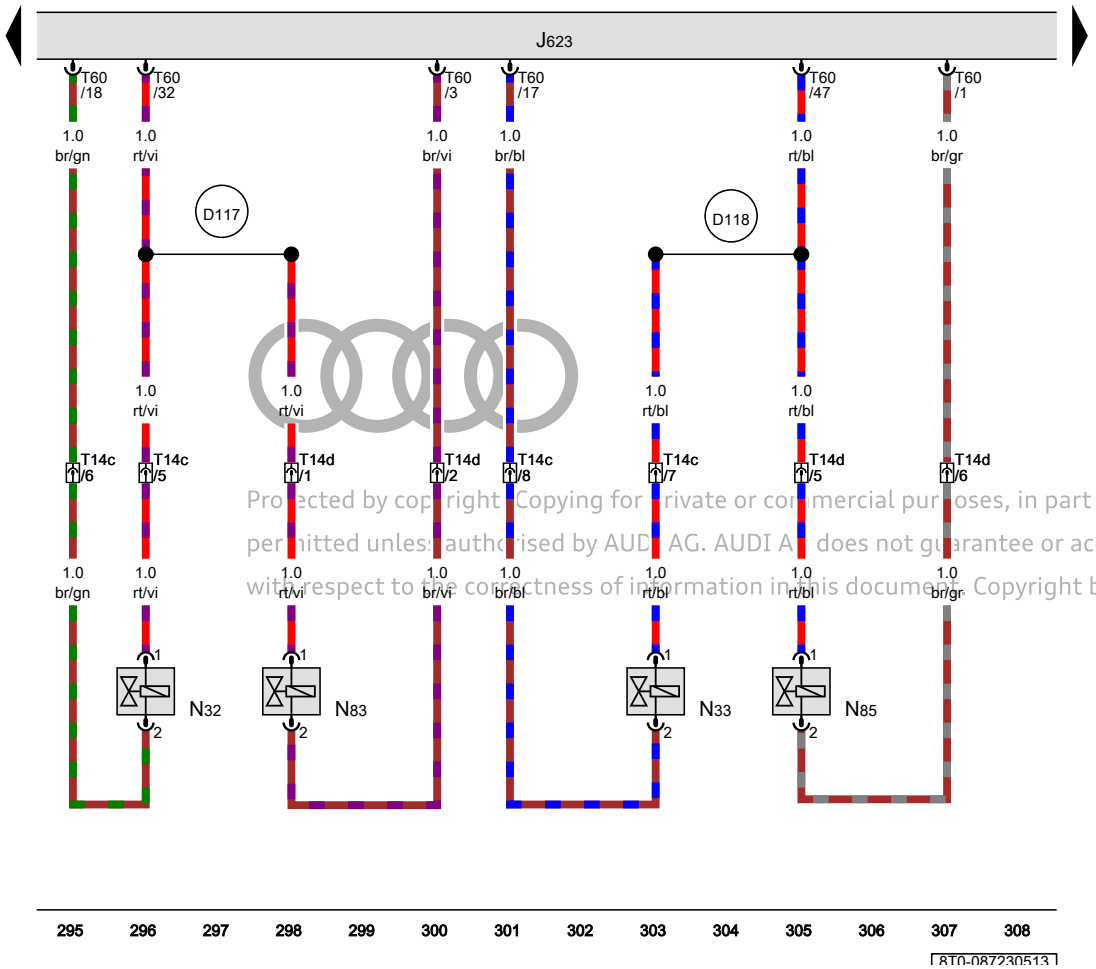
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or	=	orange
rs	=	pink

Engine control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

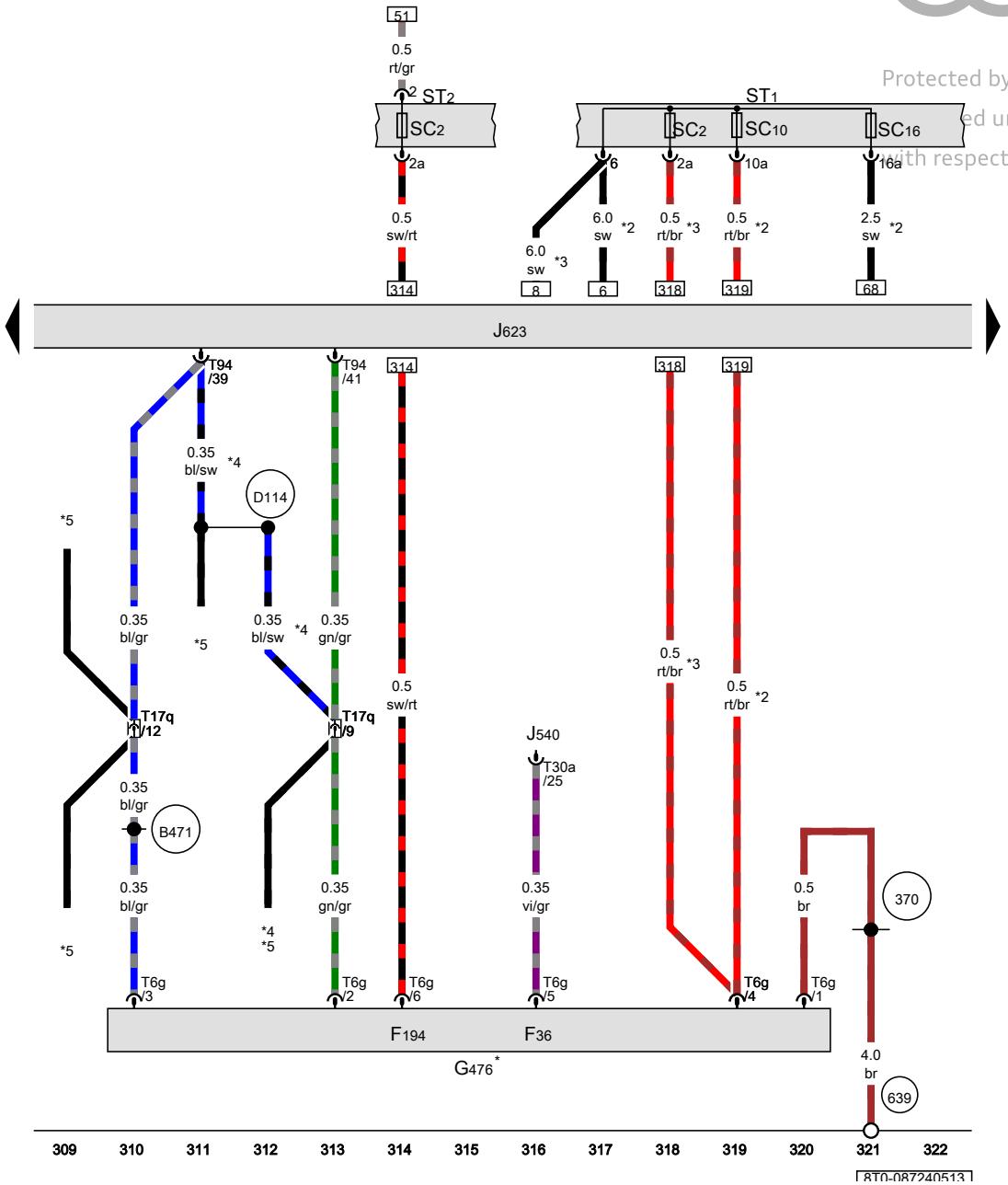
J623	Engine control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T60	60-pin connector
D117	Connection 15 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness



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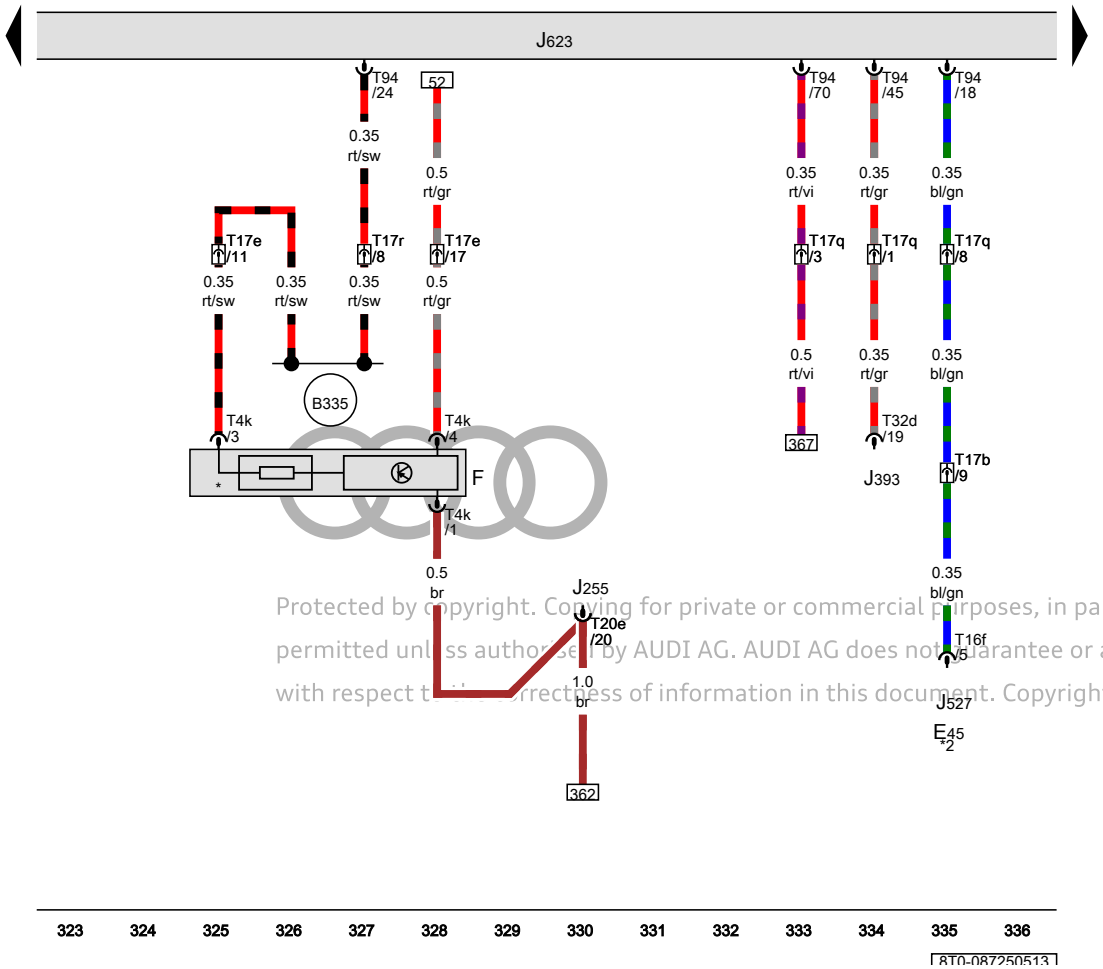
Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	From May 2009
*3	Up to April 2009
*4	Only models with automatic gearbox
*5	see applicable current flow diagram for automatic gearbox

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Brake light switch, Engine control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J393	Convenience system central control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T32d	32-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)



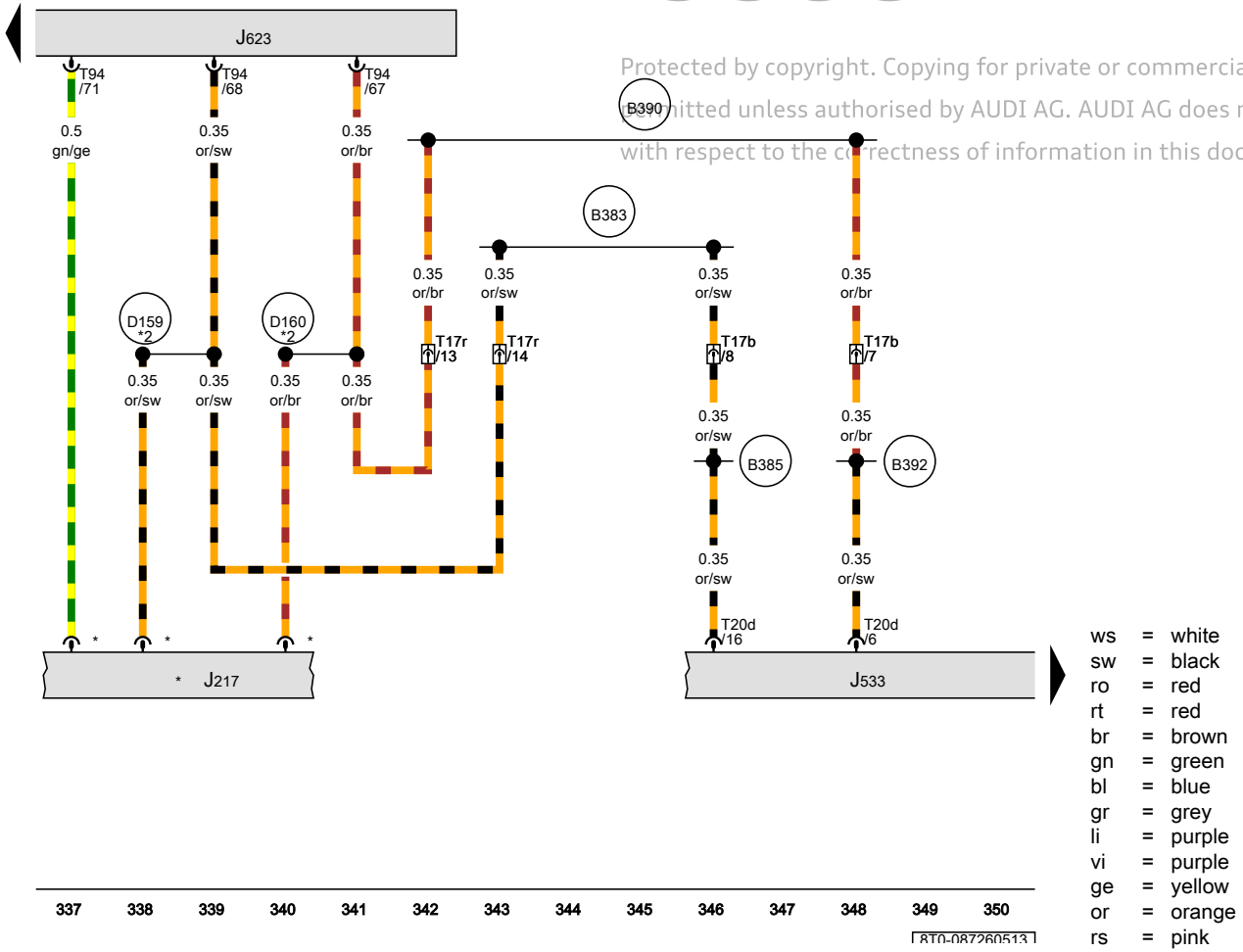
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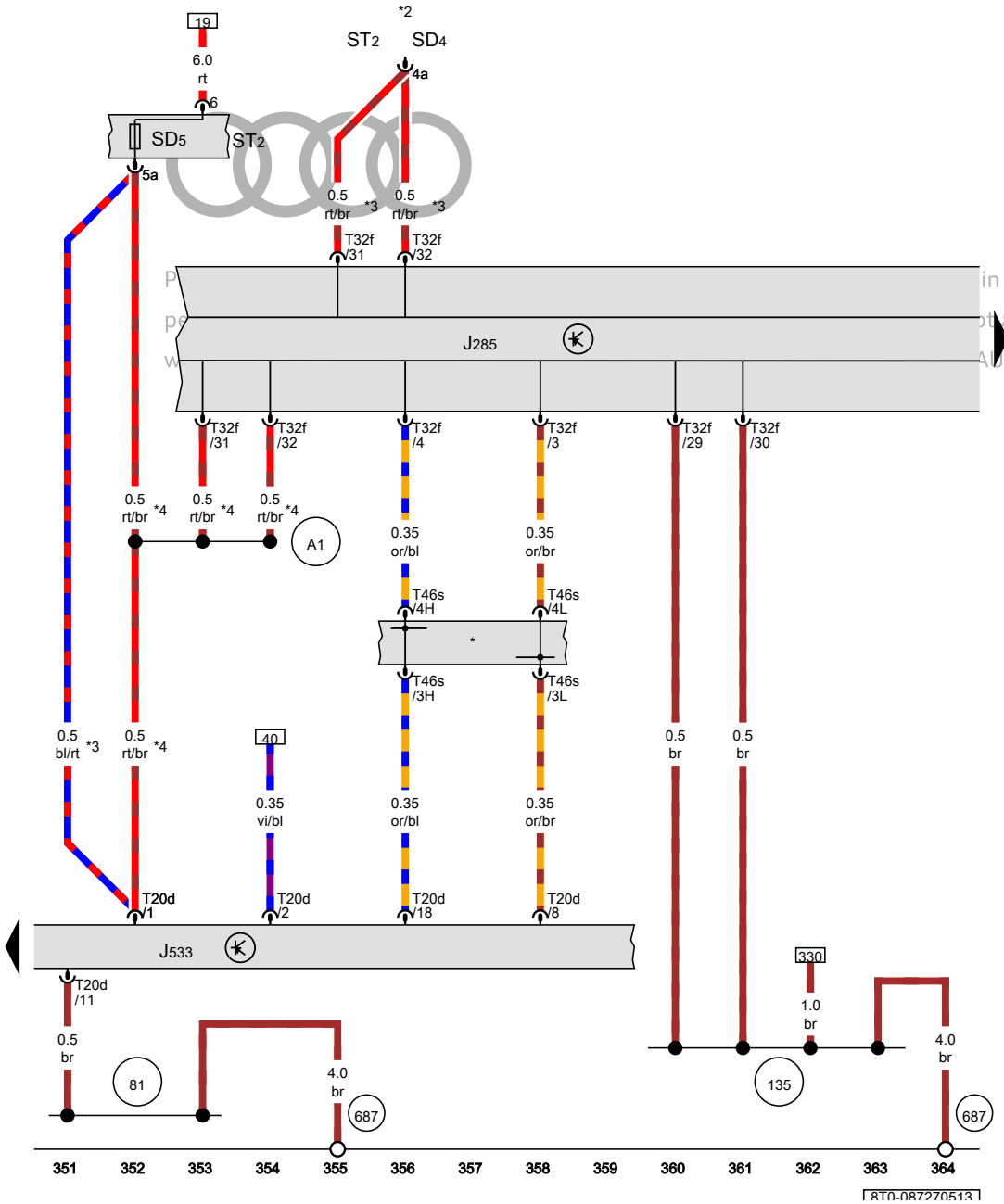
Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox

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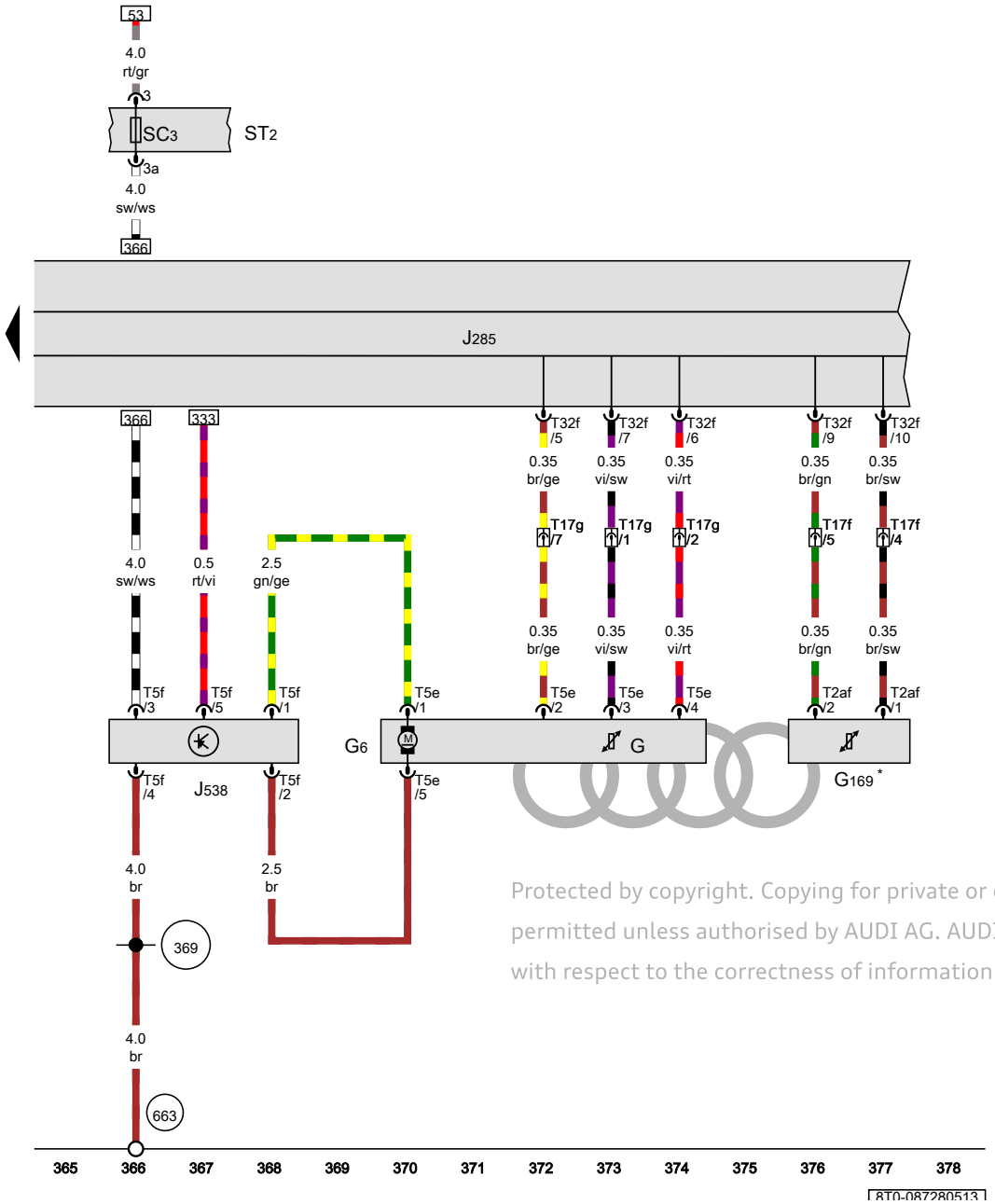


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A1	Positive connection (30a), in dash panel wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment
*3	From May 2009
*4	Up to April 2009



Fuel gauge sender, Fuel system pressurisation pump, Fuel gauge sender 2, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive

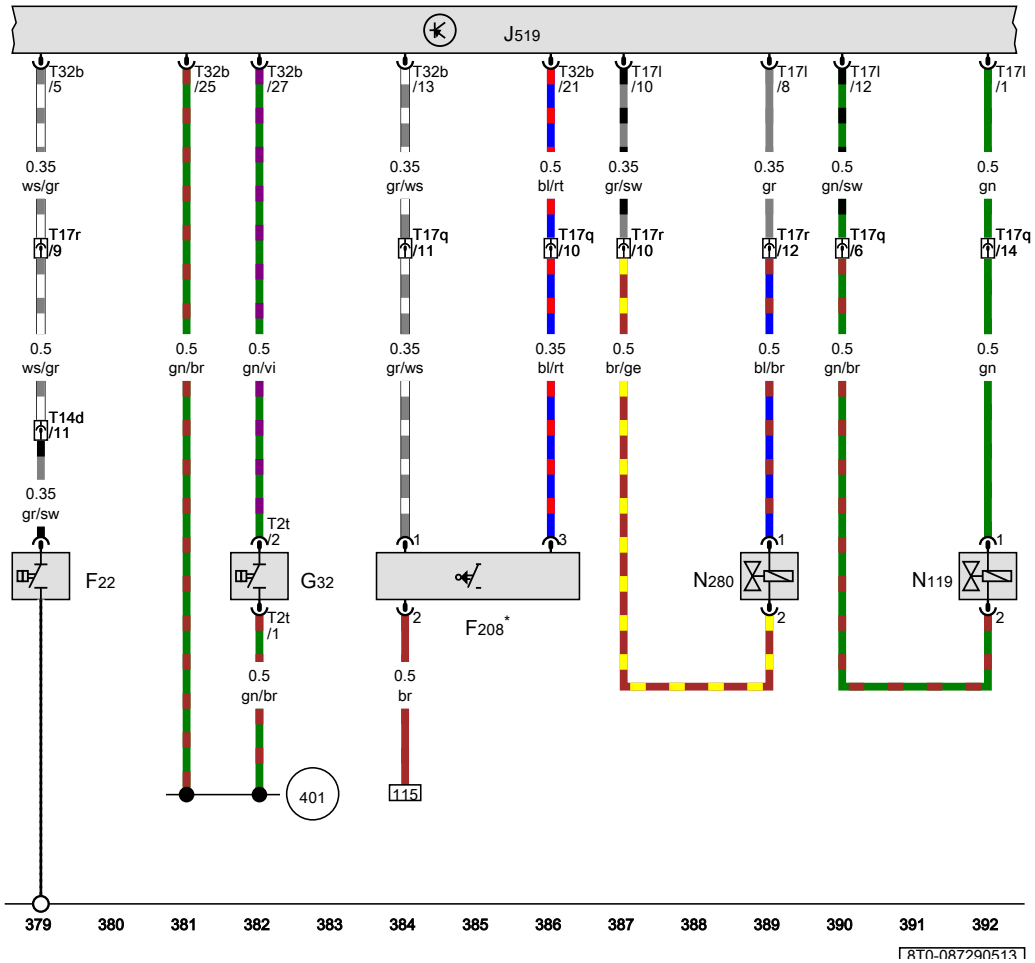
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rs	=	pink

Oil pressure switch, Gear detector switch, Coolant shortage indicator sender, Onboard supply control unit, Servotronic solenoid valve, Air conditioner compressor regulating valve

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T14d	14-pin connector, in engine compartment
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox

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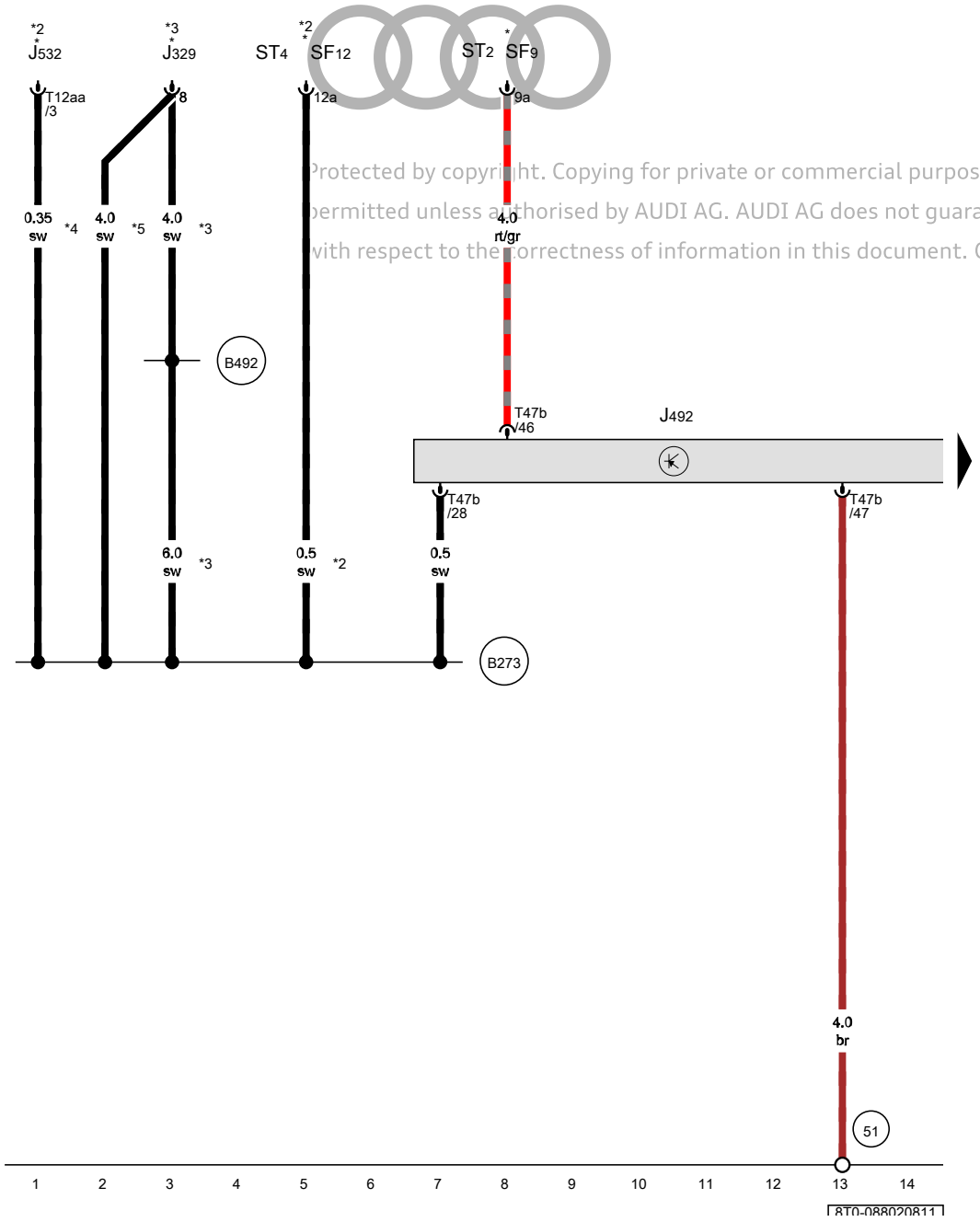


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Rear final drive - sport differential

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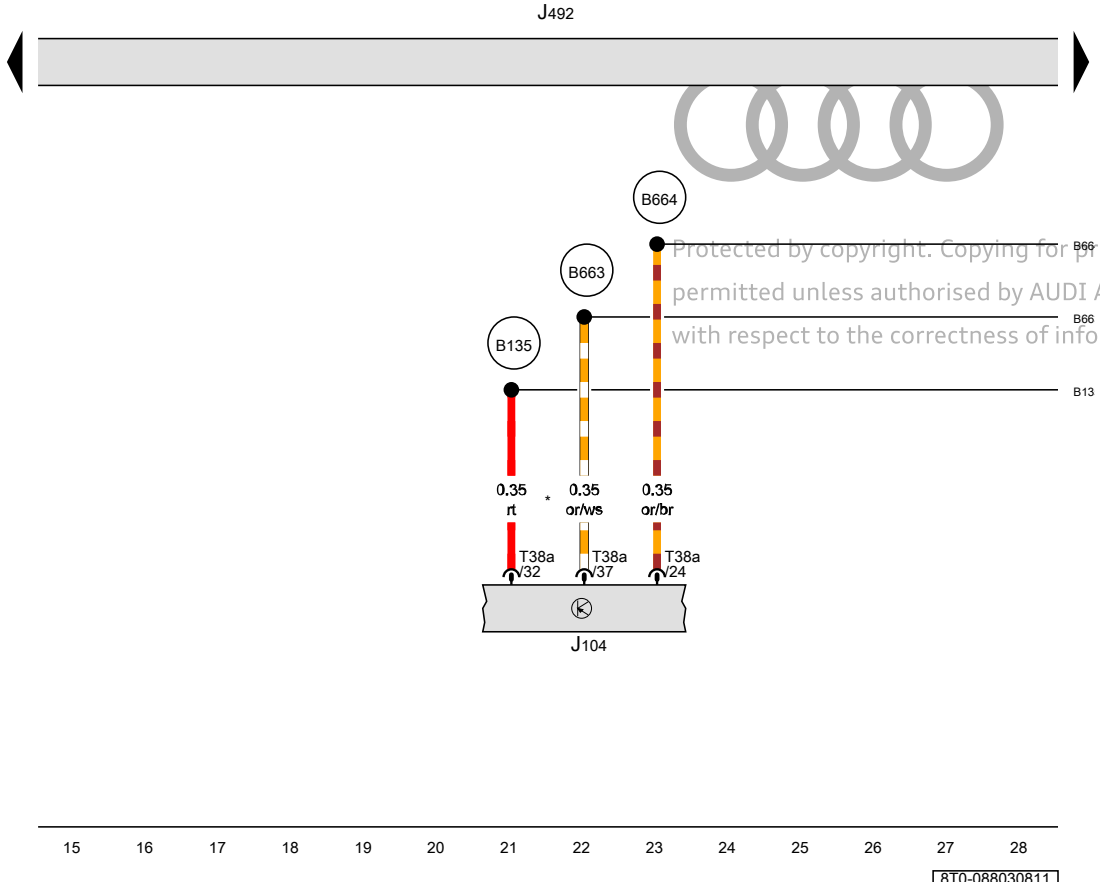
All-wheel drive control unit

J329	Terminal 15 voltage supply relay
J492	All-wheel drive control unit
J532	Voltage stabiliser
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF9	Fuse 9 in fuse holder F
SF12	Fuse 12 in fuse holder F
T12aa	12-pin connector
T47b	47-pin connector
51	Earth point, on right in luggage compartment
B273	Positive connection (15), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	Up to April 2009
*4	Only models with stop/start system
*5	Up to August 2007

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ro	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink

ABS control unit, All-wheel drive control unit

J104 ABS control unit
J492 All-wheel drive control unit
T38a 38-pin connector
B135 Connection 1 (15a), in interior wiring harness
B663 Connection (running gear sensors CAN bus, high), in main wiring harness
B664 Connection (running gear sensors CAN bus, low), in main wiring harness
* Wiring colour depends on equipment

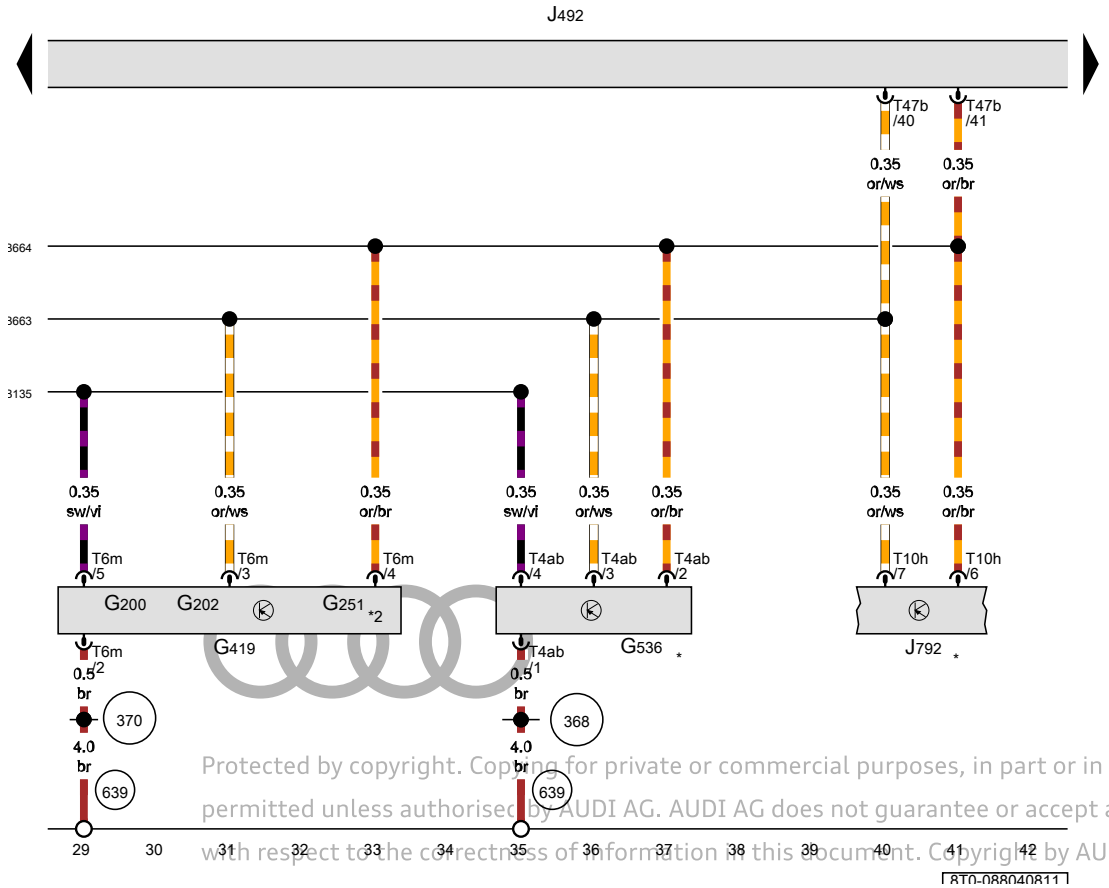


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ESP sensor unit, ESP sensor unit 2, All-wheel drive control unit, Active steering control unit

G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	ESP sensor unit
G536	ESP sensor unit 2
J492	All-wheel drive control unit
J792	Active steering control unit
T4ab	4-pin connector
T6m	6-pin connector
T10h	10-pin connector
T47b	47-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B135	Connection 1 (15a), in interior wiring harness
B663	Connection (running gear sensors CAN bus, high), in main wiring harness
B664	Connection (running gear sensors CAN bus, low), in main wiring harness
*	Special equipment
*2	Only models with all-wheel drive



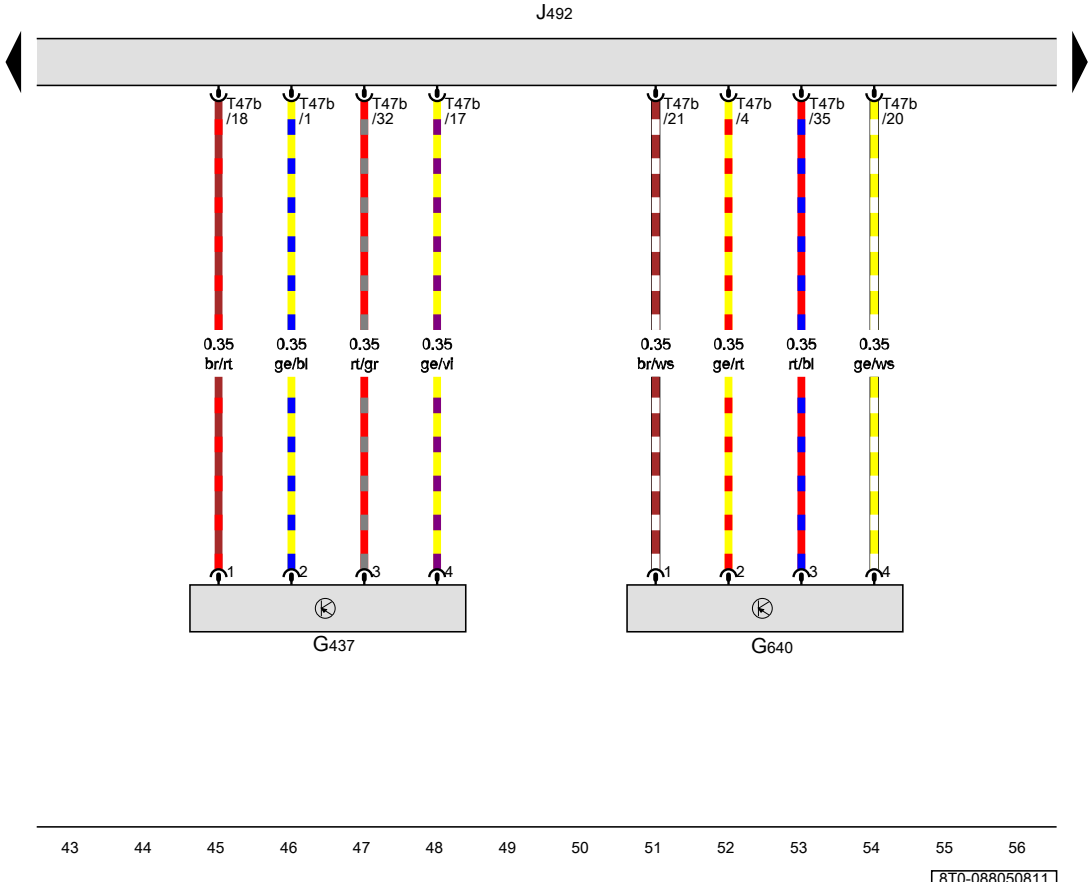
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Oil pressure and oil temperature sender, Oil pressure and oil temperature sender 2, All-wheel drive control unit

G437 Oil pressure and oil temperature sender
G640 Oil pressure and oil temperature sender 2
J492 All-wheel drive control unit
T47b 47-pin connector

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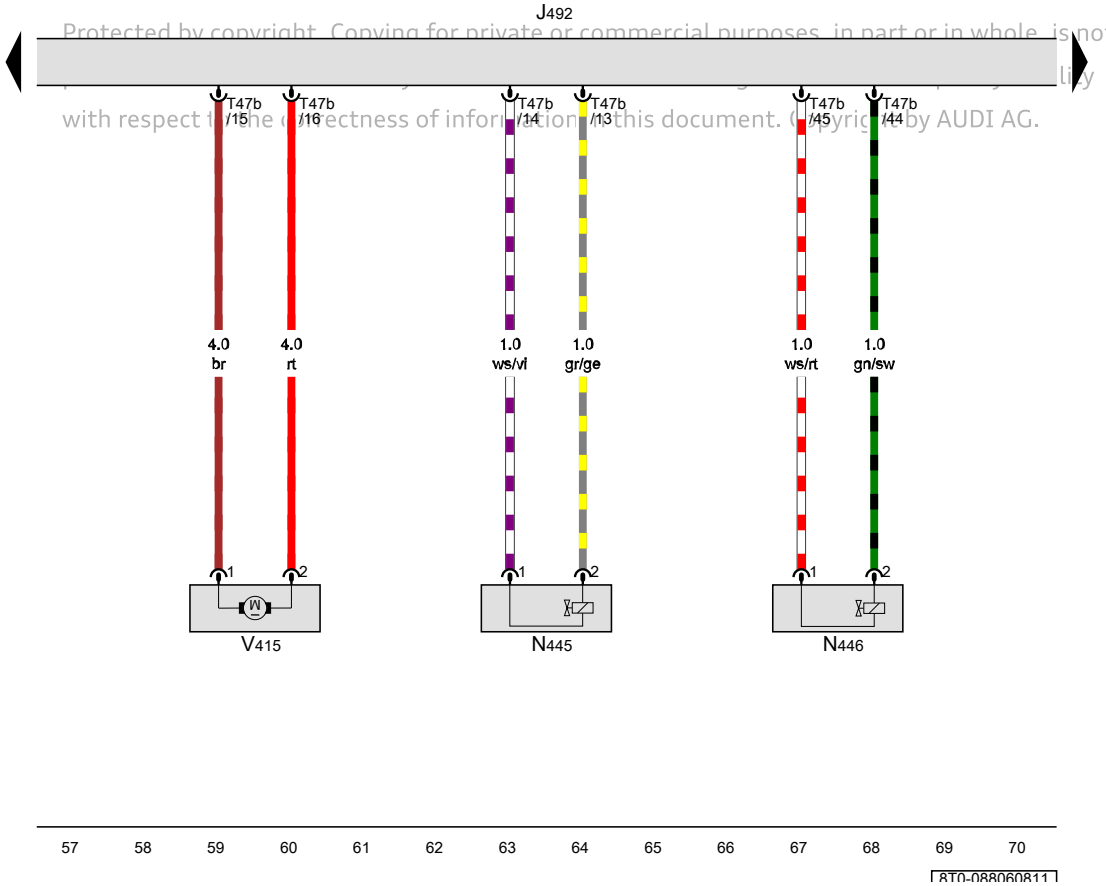


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All-wheel drive control unit, Clutch valve for all-wheel drive, Clutch valve 2 for all-wheel drive, All-wheel drive pump

J492 All-wheel drive control unit
N445 Clutch valve for all-wheel drive
N446 Clutch valve 2 for all-wheel drive
T47b 47-pin connector
V415 All-wheel drive pump

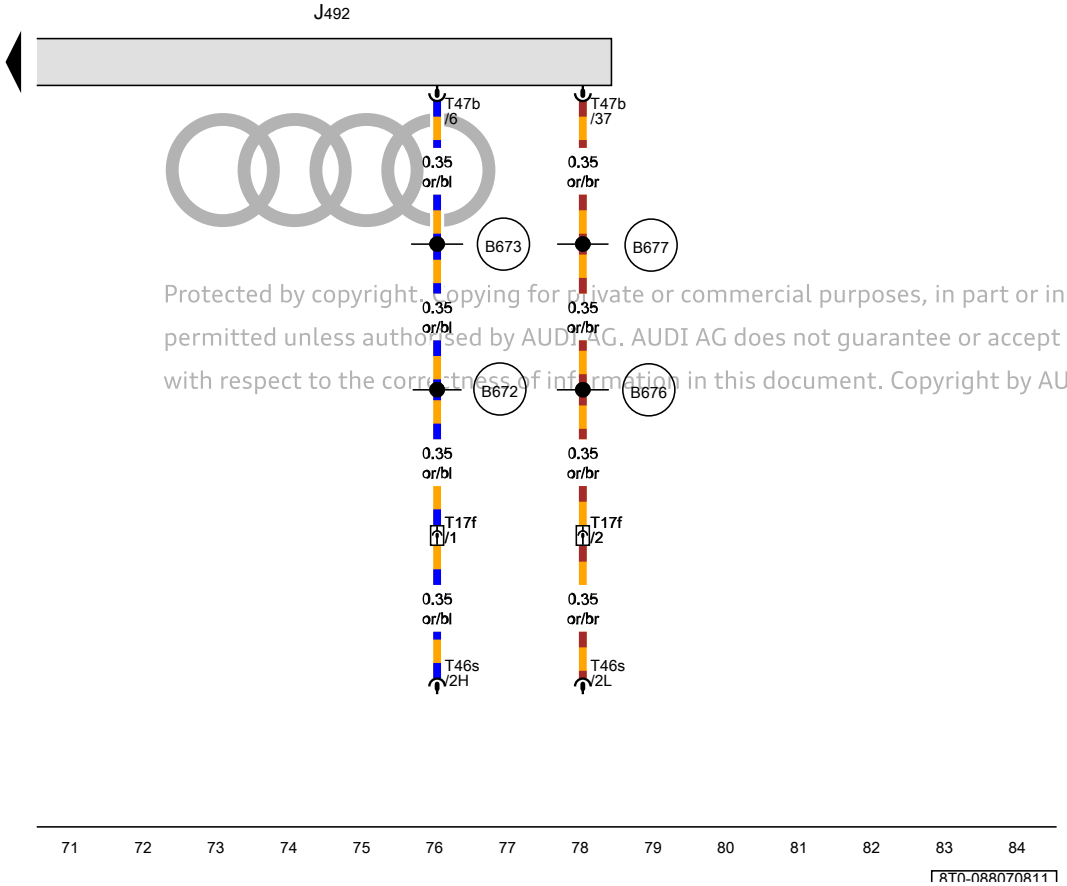
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All-wheel drive control unit, Connection 2 (running gear/ dash panel insert CAN bus, high), in main wiring harness, Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

J492 All-wheel drive control unit
T17f 17-pin connector, brown
T46s 46-pin connector
T47b 47-pin connector
B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness



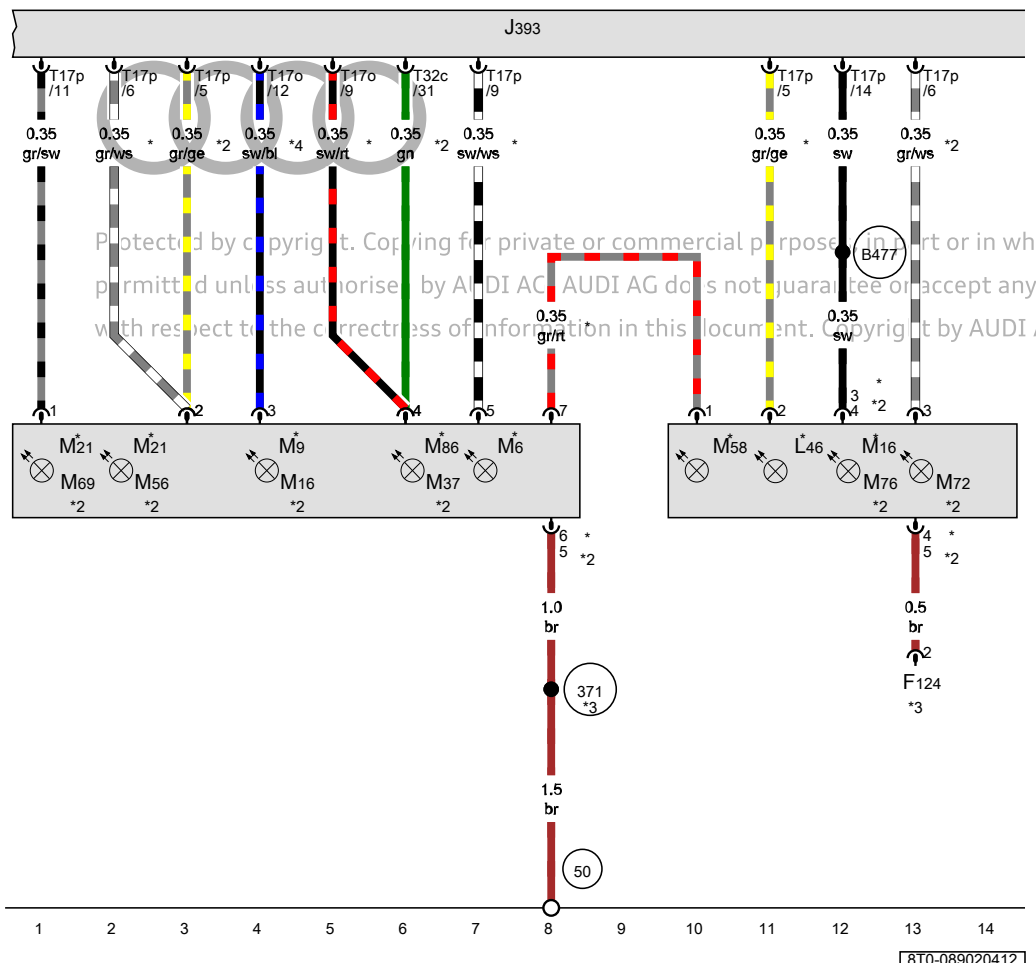
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Tail light cluster with LED, 2-door vehicle

From September 2008

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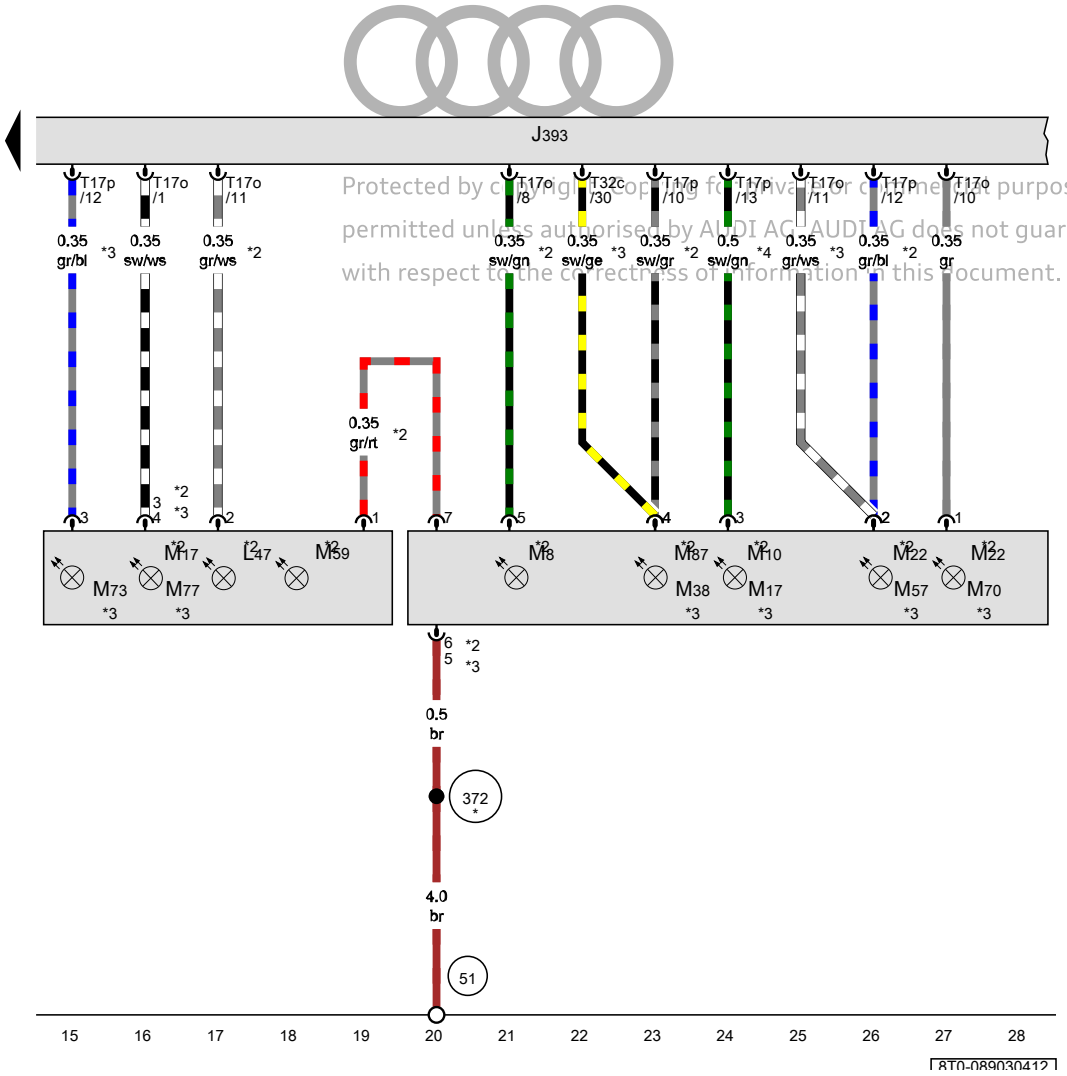
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Left brake and tail light bulb

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
J393	Convenience system central control unit
L46	Rear left fog light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M56	Left brake and turn signal bulb
M58	Left brake and tail light bulb 2
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M76	Left reversing light bulb 2
M86	Left brake light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with no US equipment
*2	Only models with US equipment
*3	see applicable current flow diagram for basic equipment
*4	Cross section depends on equipment

Right brake and tail light bulb



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J393	Convenience system central control unit
L47	Rear right fog light bulb
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M57	Right brake and turn signal bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M77	Right reversing light bulb 2
M87	Right brake light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
372	Earth connection 7, in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with no US equipment
*3	Only models with US equipment
*4	According to equipment

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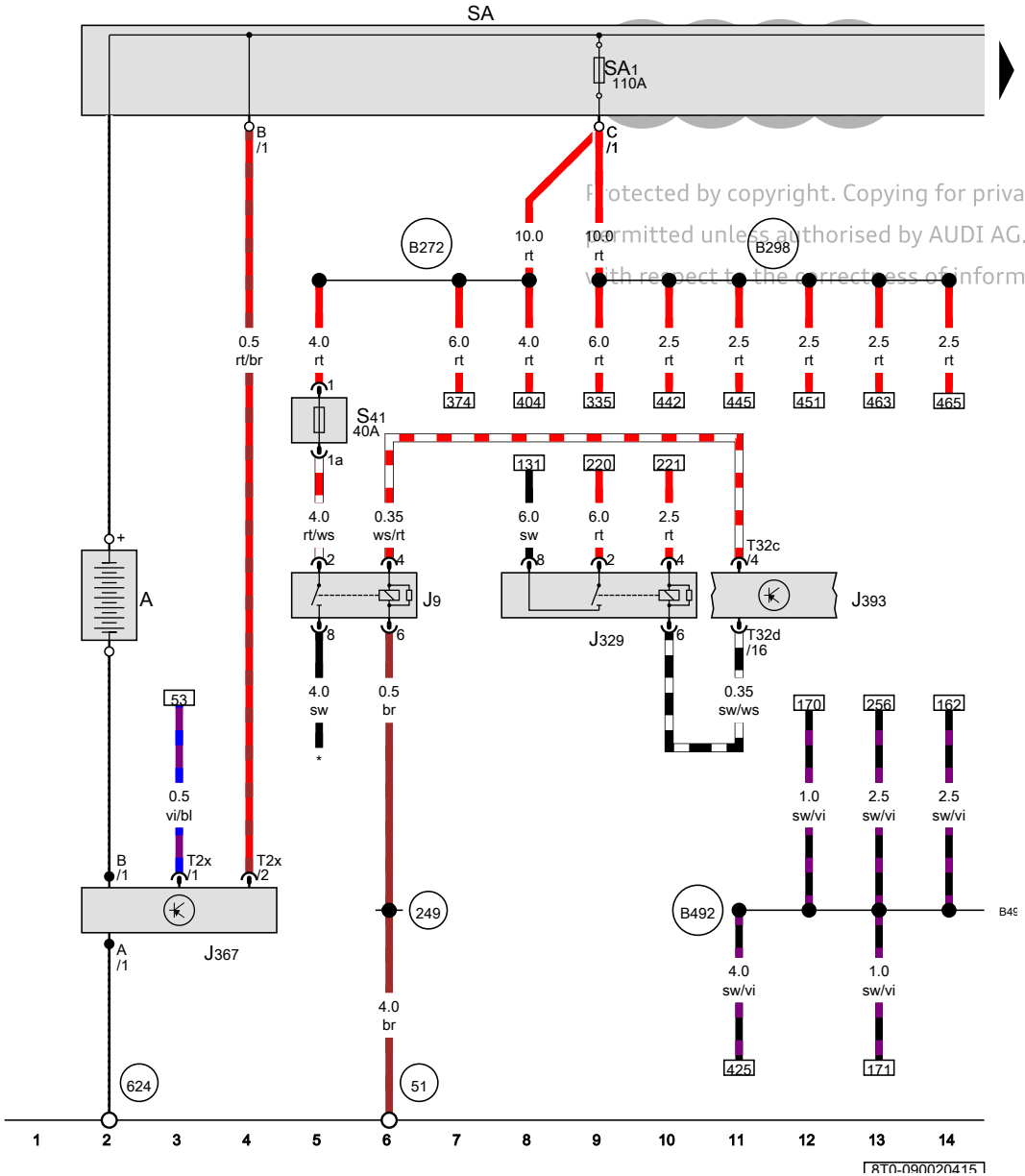
Fuse assignment

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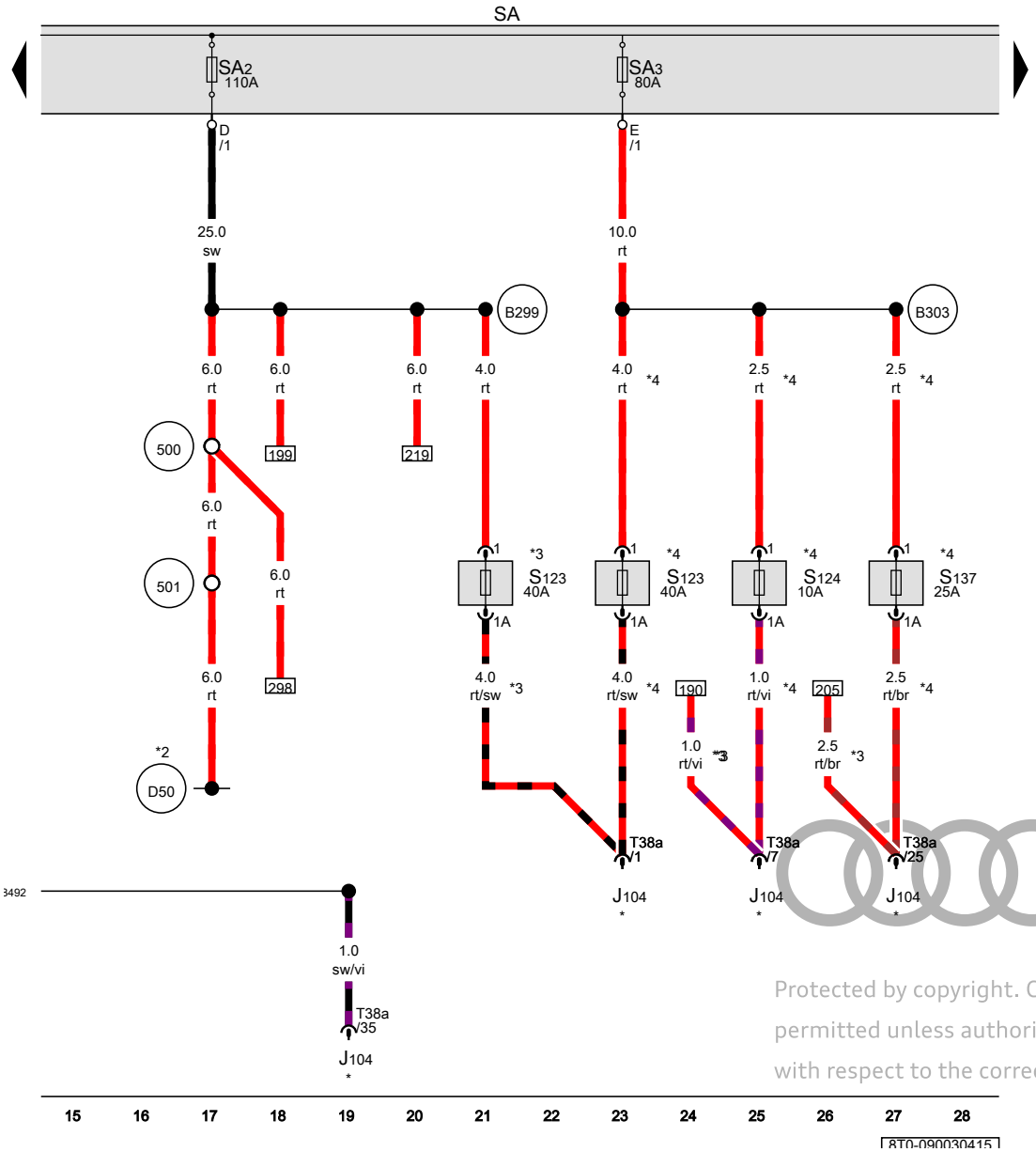
Battery, Battery monitor control unit, Fuse 1 in fuse holder A

A	Battery
J9	Heated rear window relay
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
S41	Heated rear window single fuse
SA	Fuse holder A
T2x	2-pin connector
T32c	32-pin connector
T32d	32-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
624	Earth point, starter battery
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for basic equipment



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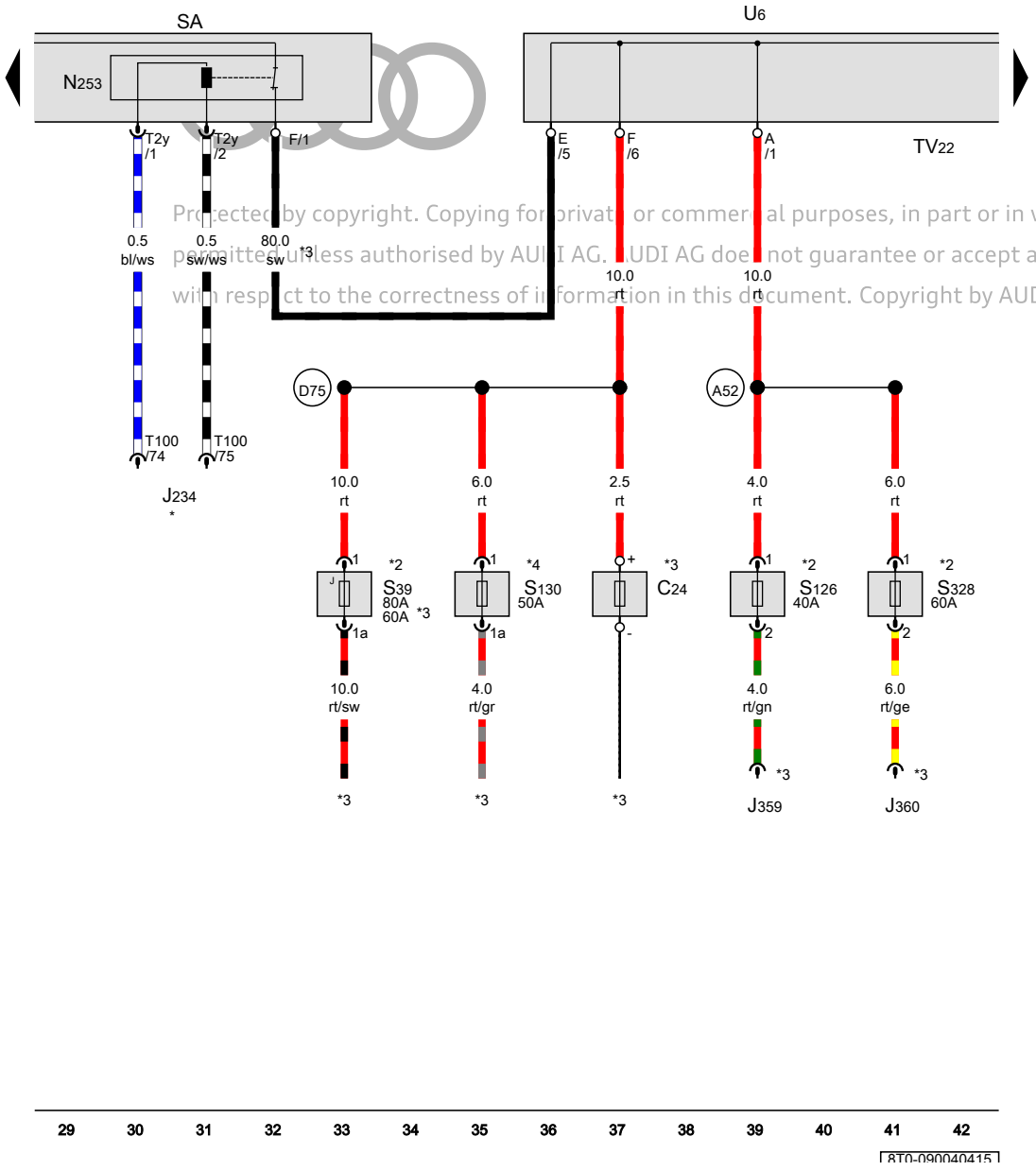


Fuse 2 in fuse holder A, Fuse 3 in fuse holder A

J104	ABS control unit
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S137	ABS control unit fuse 3
SA	Fuse holder A
SA2	Fuse 2 in fuse holder A
SA3	Fuse 3 in fuse holder A
T38a	38-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
B299	Positive connection 3 (30), in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for ABS
*2	see applicable current flow diagram for engine/ radiator fan
*3	Only left-hand drive models
*4	Only right-hand drive models

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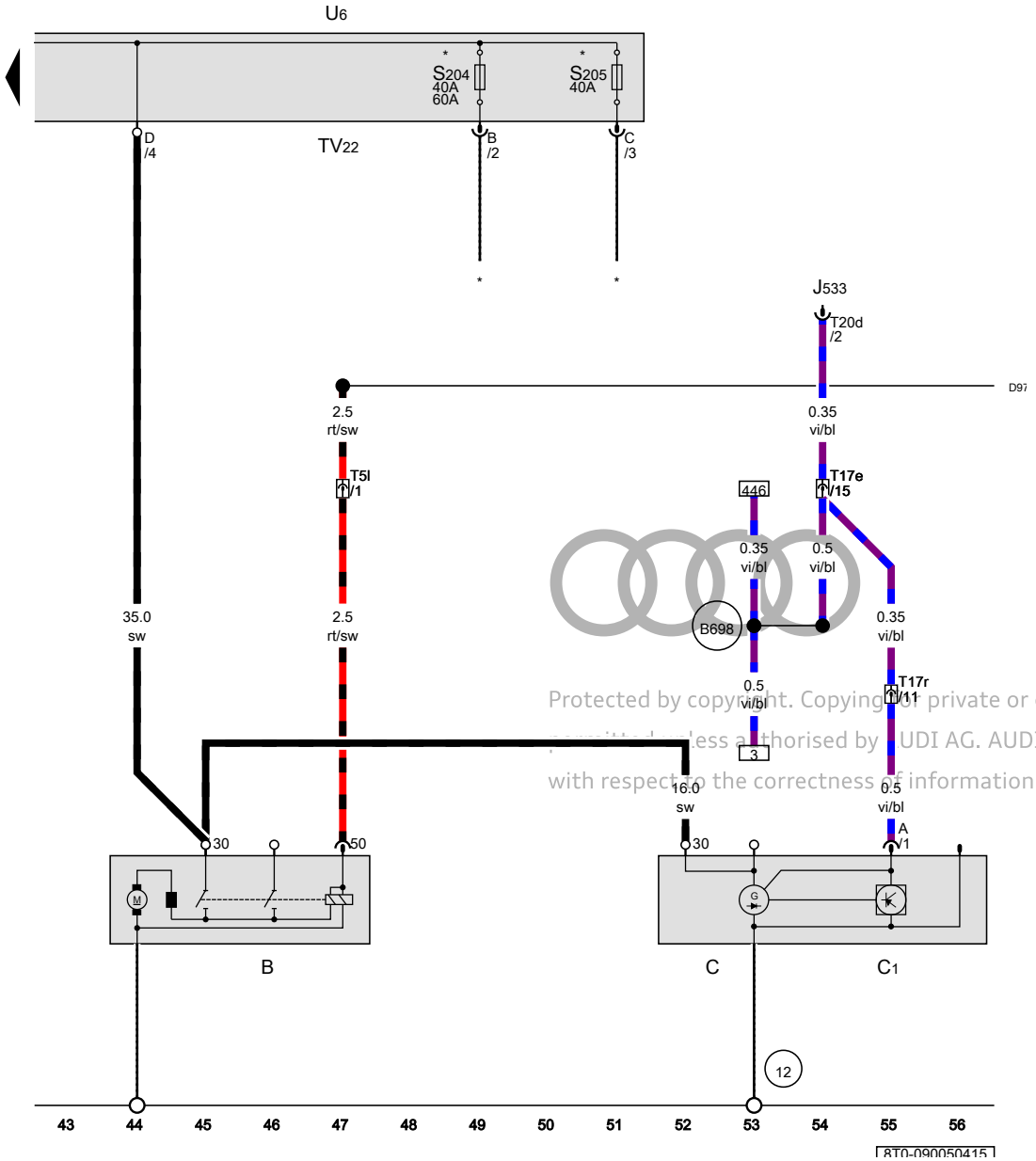
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rt = red
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Battery isolation igniter, Terminal 30 wiring junction 2, Jump start socket

C24	Suppression filter
J234	Airbag control unit
J359	Low heat output relay
J360	High heat output relay
N253	Battery isolation igniter
S39	Engine glow plug strip fuse
S126	Auxiliary heater fuse
S130	Secondary air pump fuse
S328	Auxiliary heater fuse 2
SA	Fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
U6	Jump start socket
A52	Positive connection 2 (30), in dash panel wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for airbag
*2	Only models with diesel engine
*3	see applicable current flow diagram for engine
*4	Only models with petrol engine

Starter, Alternator, Terminal 30 wiring junction 2, Jump start socket

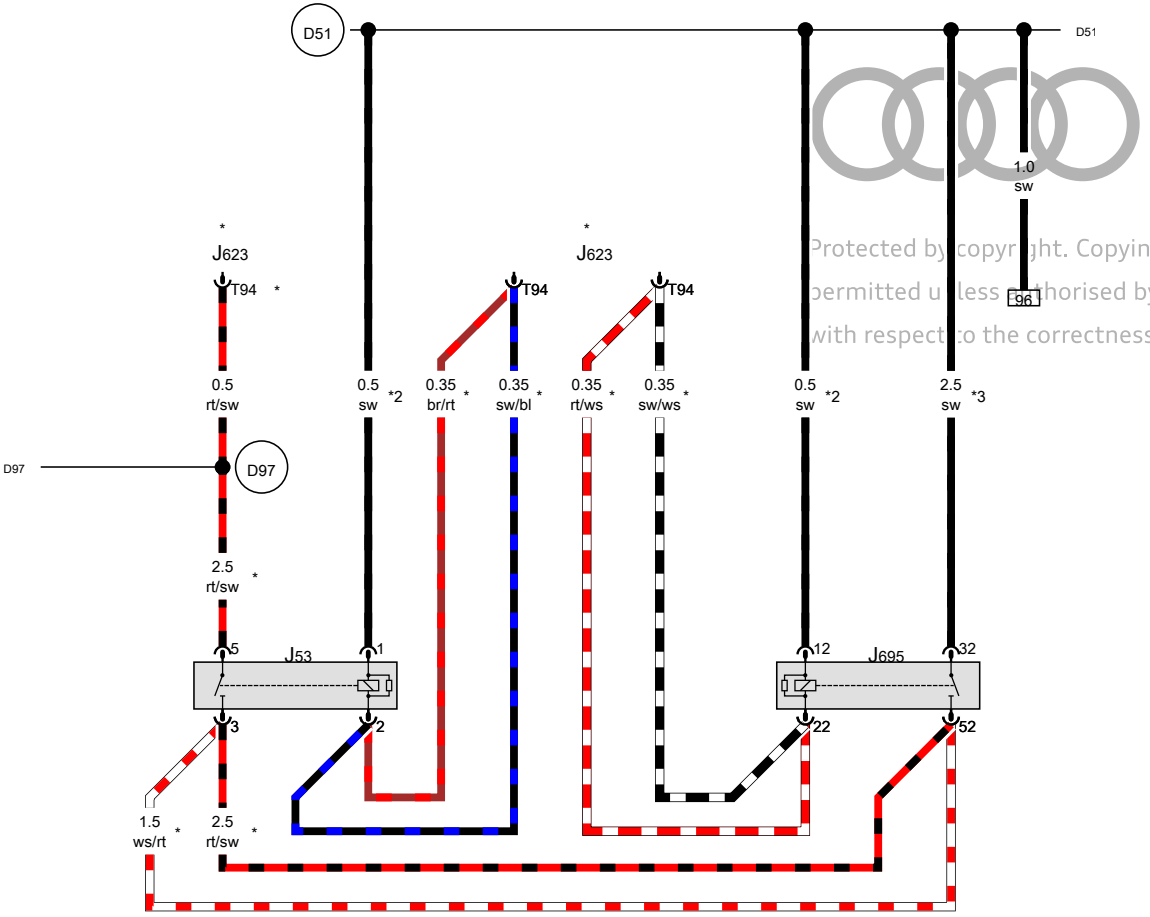
B	Starter
C	Alternator
C1	Voltage regulator
J533	Data bus diagnostic interface
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
T20d	20-pin connector
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for radiator fan



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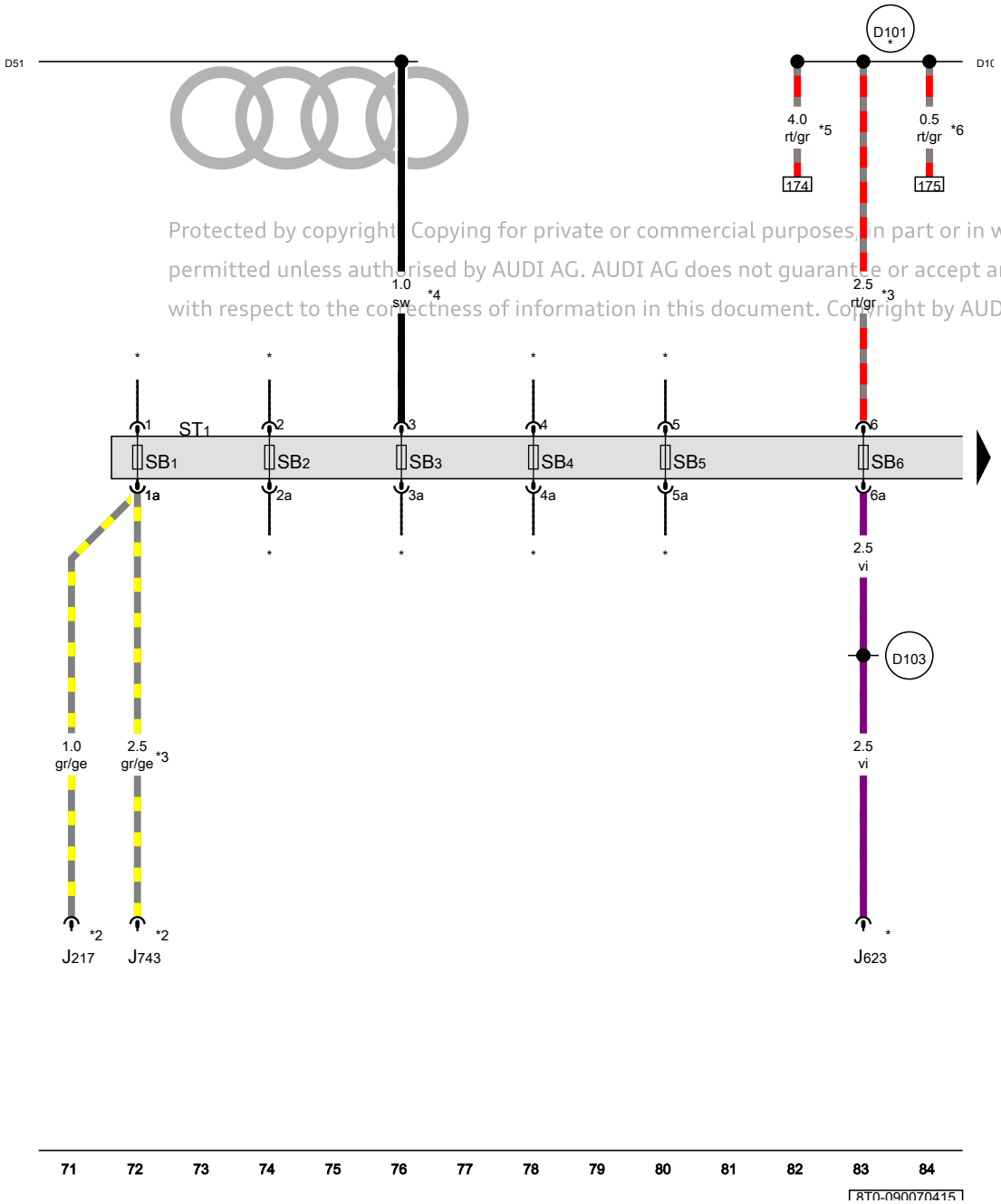
Starter motor relay, Starter motor relay 2



J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for engine
*2	Cross section depends on equipment
*3	Cross-section 1.5 possible

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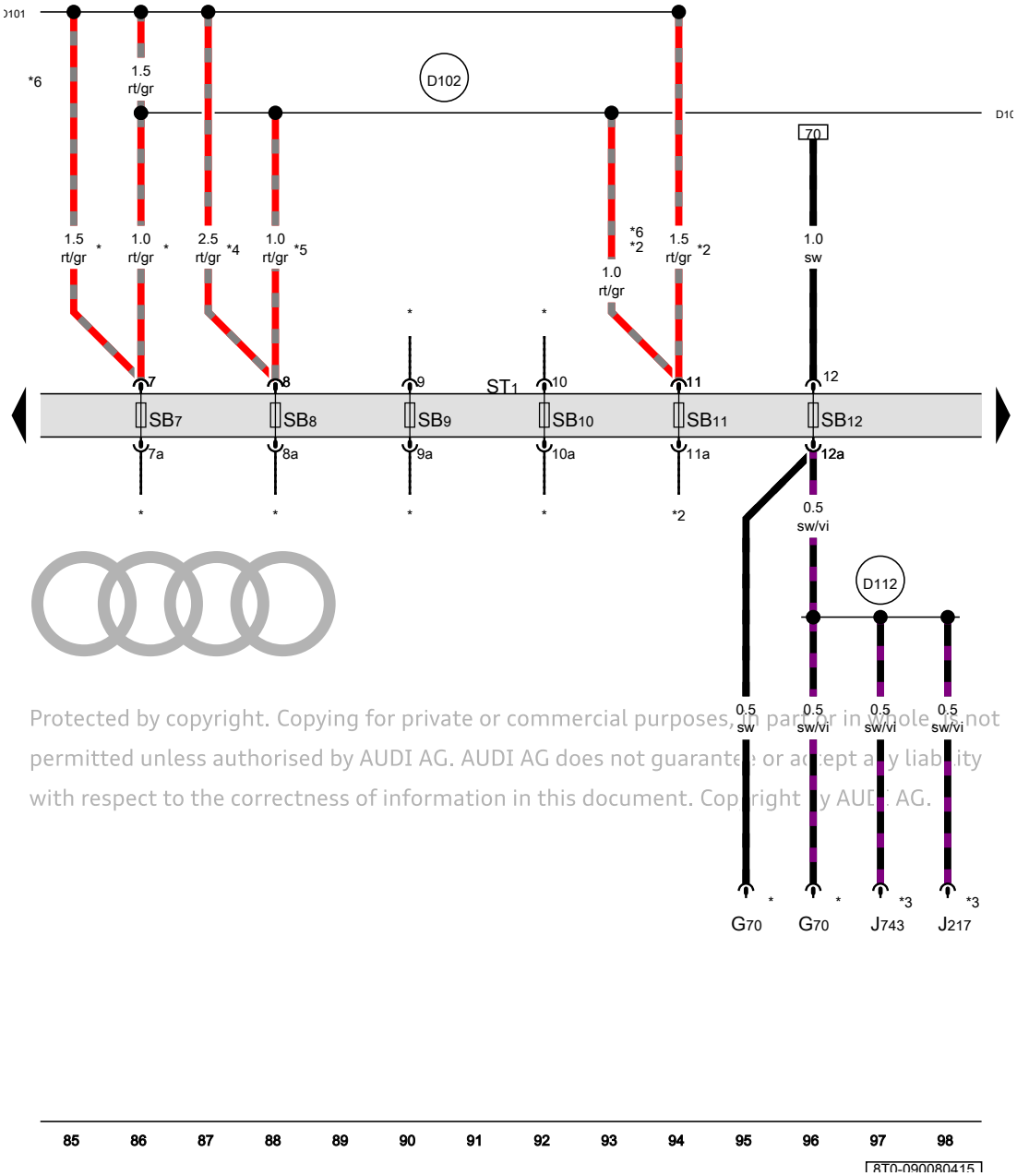


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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse 1 on fuse holder B, Fuse carrier 1, Fuse 6 on fuse holder B

J217	Automatic gearbox control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
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
SB6	Fuse 6 on fuse holder B
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
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for gearbox
*3	Cross-section 1.5 possible
*4	Cross section depends on equipment
*5	Only models with petrol engine
*6	Only models with diesel engine



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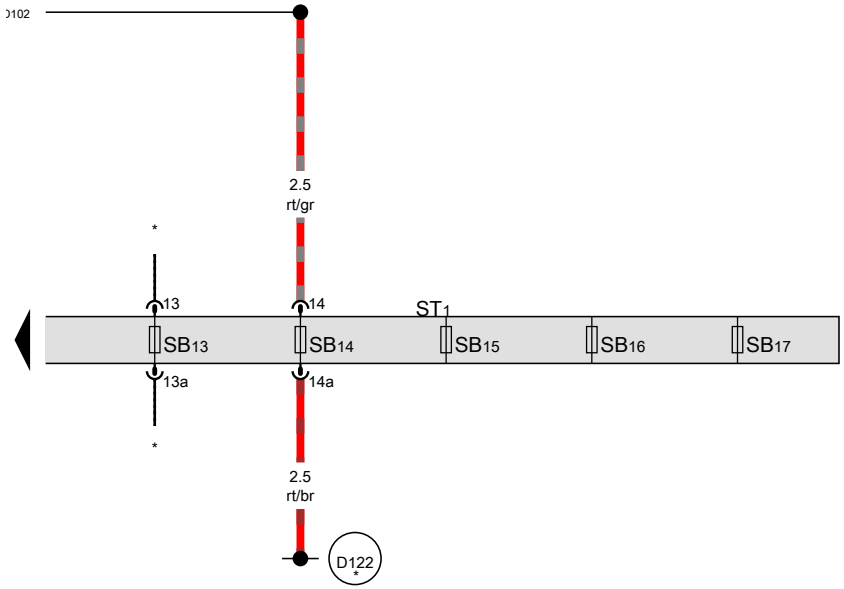
Fuse carrier 1, Fuse 7 on fuse holder B, Fuse 12 on fuse holder B

G70	Air mass meter
J217	Automatic gearbox control unit
J743	Mechatronic unit for dual clutch gearbox
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
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
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for gearbox
*4	Only models with petrol engine
*5	Only models with diesel engine
*6	Cross-section 1.5 possible
*7	Only models with start/stop system

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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

Fuse carrier 1, Fuse 13 on fuse holder B, Fuse 17 on fuse holder B

ST1	Fuse carrier 1
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
SB17	Fuse 17 on fuse holder B
D102	Connection 2 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
*	see applicable current flow diagram for engine



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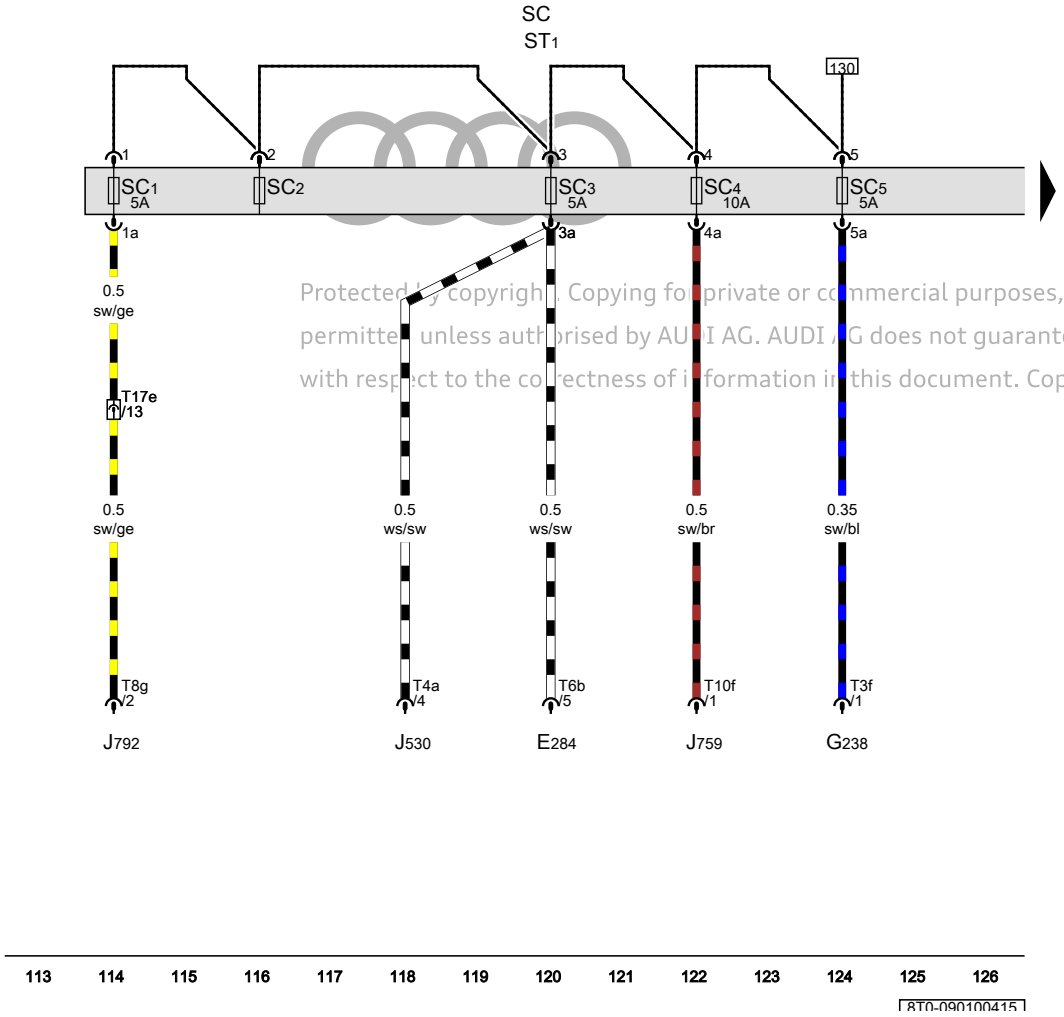
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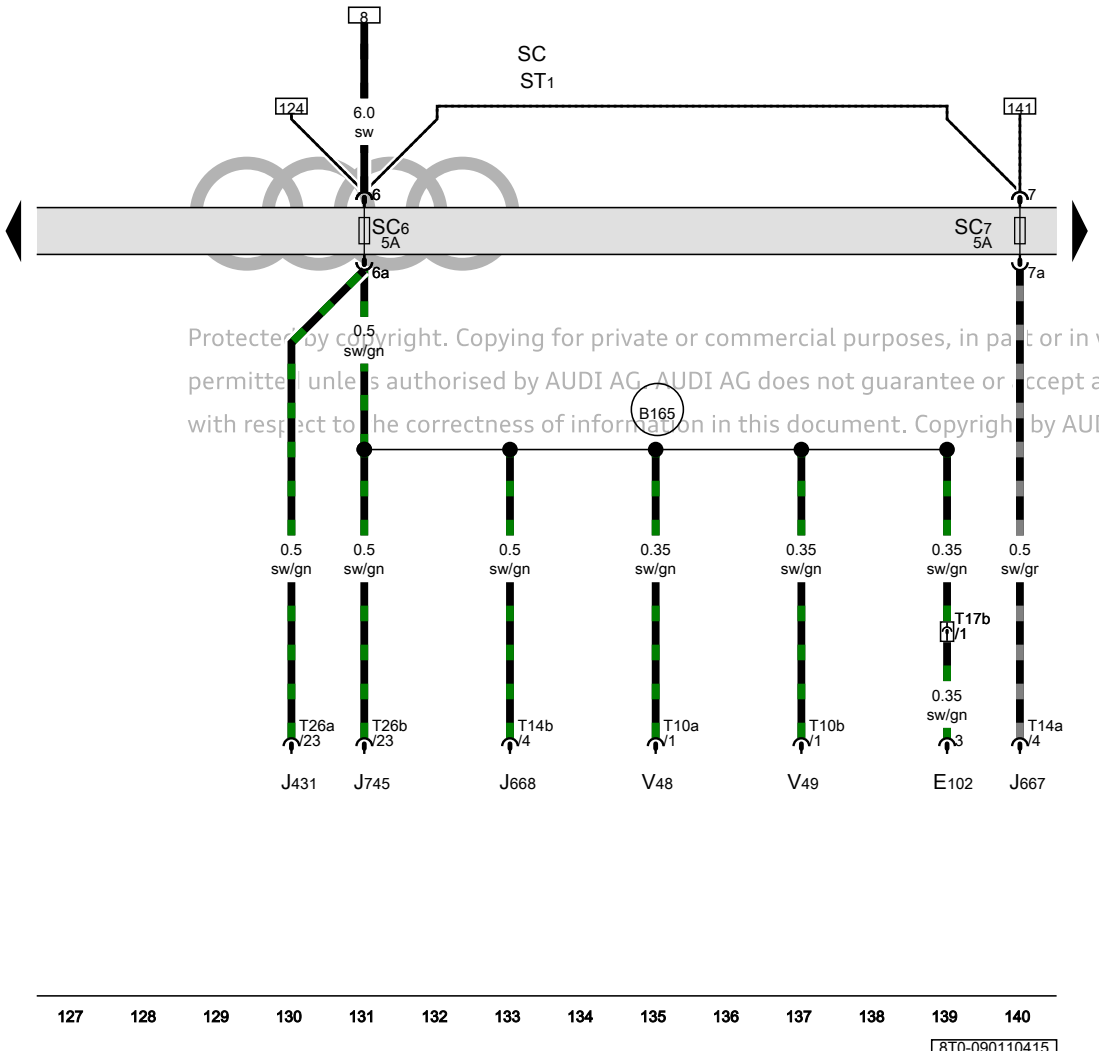
Fuse holder C, Fuse carrier 1

E284	Garage door operating unit
G238	Air quality sensor
J530	Garage door operation control unit
J759	Lane departure warning control unit
J792	Active steering control unit
SC	Fuse holder C
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
T3f	3-pin connector
T4a	4-pin connector
T6b	6-pin connector
T8g	8-pin connector
T10f	10-pin connector
T17e	17-pin connector, red



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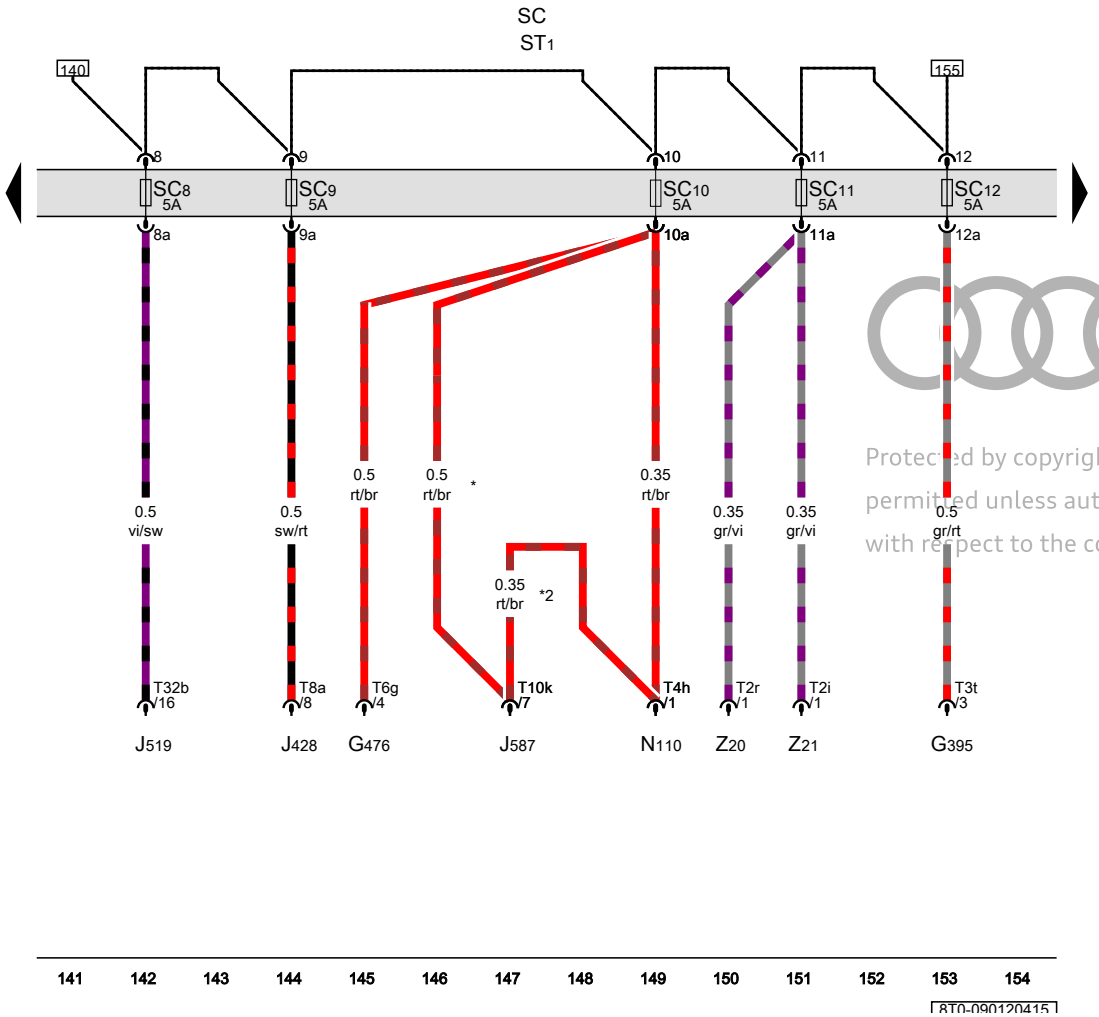


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Fuse holder C, Fuse carrier 1

E102	Headlight range control regulator
J431	Headlight range 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
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T10a	10-pin connector
T10b	10-pin connector
T14a	14-pin connector
T14b	14-pin connector
T17b	17-pin connector, blue
T26a	26-pin connector
T26b	26-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness

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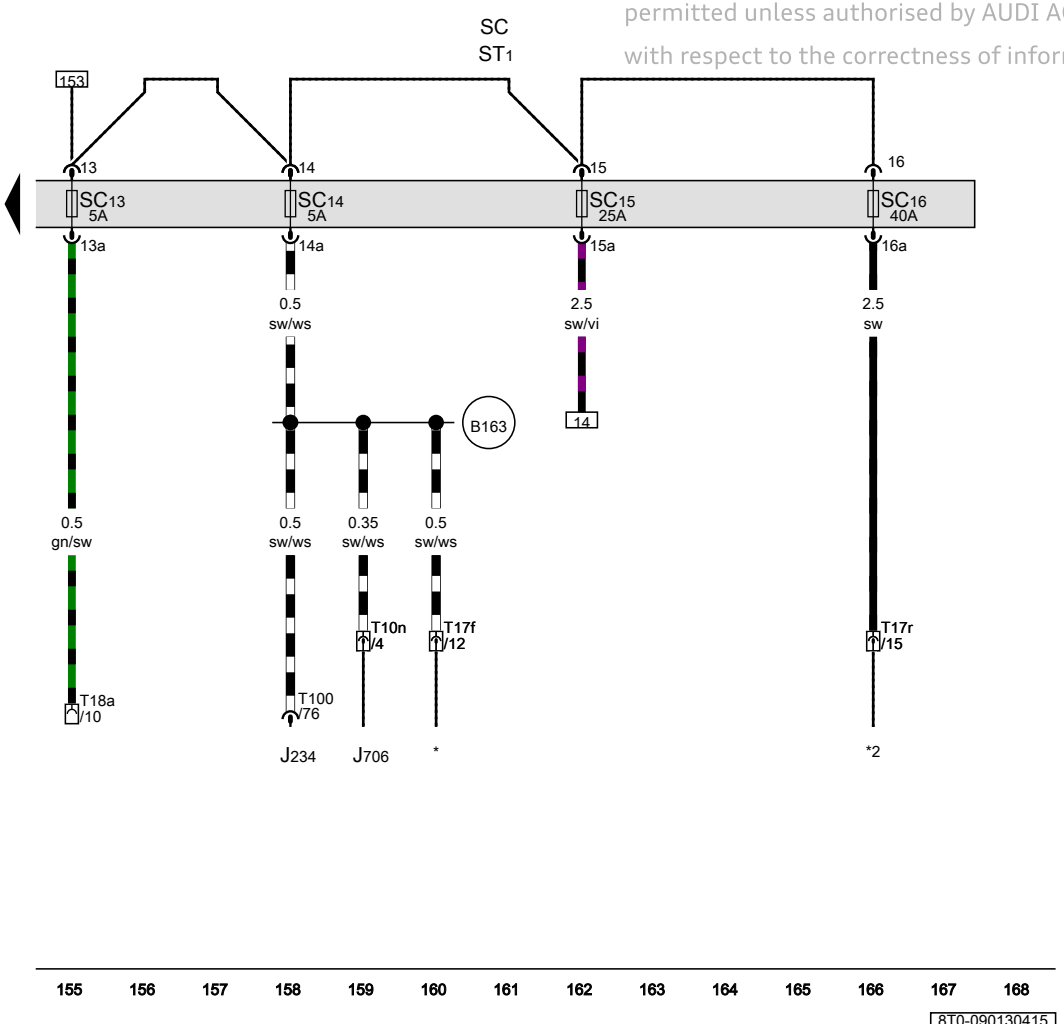
Fuse holder C, Fuse carrier 1

G395	Refrigerant pressure and temperature sender
G476	Clutch position sender
J428	Adaptive cruise control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
N110	Selector lever lock solenoid
SC	Fuse holder C
ST1	Fuse carrier 1
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
T2i	2-pin connector
T2r	2-pin connector
T3t	3-pin connector
T4h	4-pin connector
T6g	6-pin connector
T8a	8-pin connector
T10k	10-pin connector
T32b	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
*	Gradually discontinued
*2	gradual introduction

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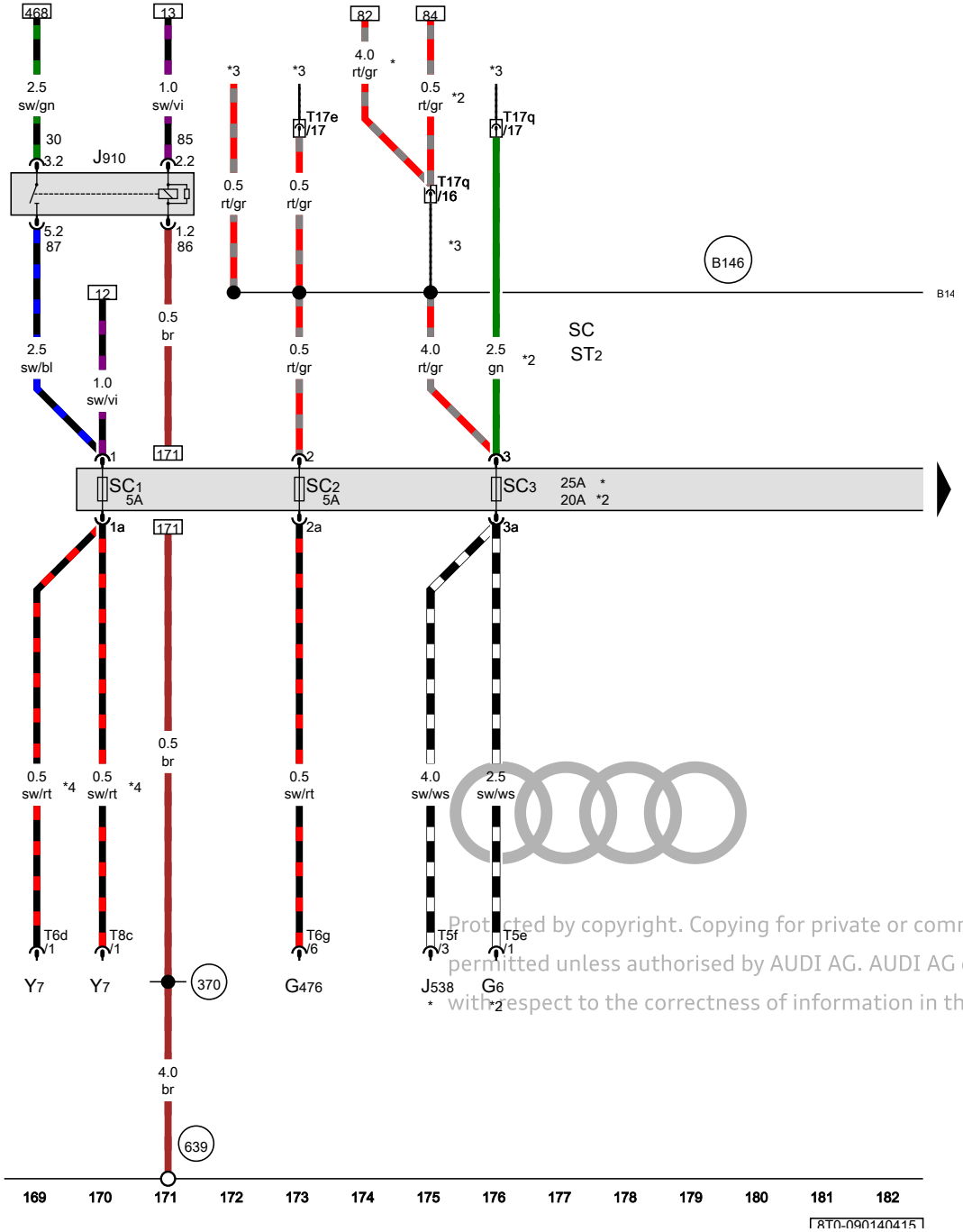
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Fuse holder C, Fuse carrier 1

J234	Airbag control unit
J706	Seat occupied recognition control unit
SC	Fuse holder C
ST1	Fuse carrier 1
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T10n	10-pin connector, black
T17f	17-pin connector, brown
T17r	17-pin connector, white
T18a	18-pin connector, black
T100	100-pin connector
B163	Positive connection 1 (15), in interior wiring harness
*	Only models with basic equipment
*2	see applicable current flow diagram for engine

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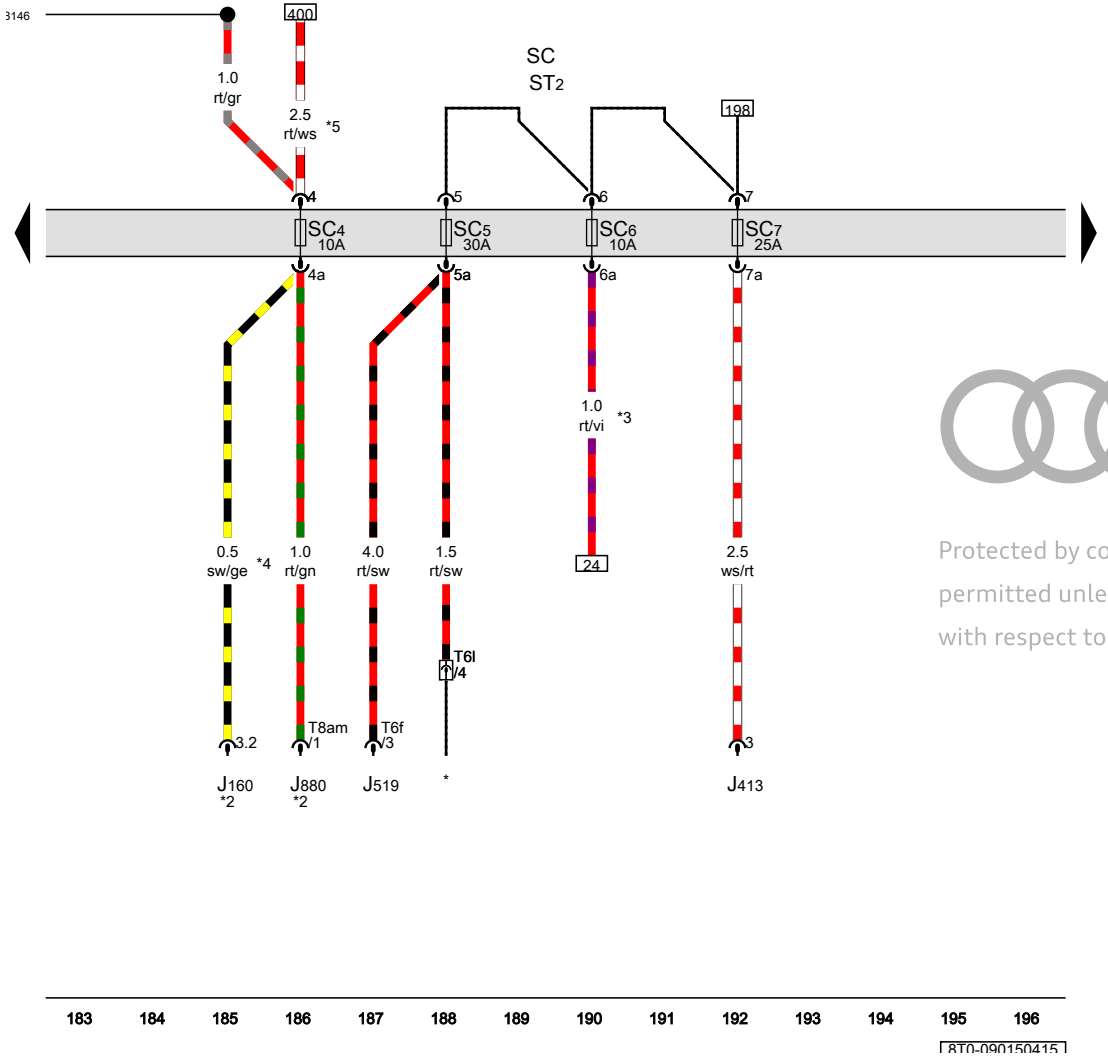


Fuse holder C, Fuse carrier 2

G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J910	Relay for automatic anti-dazzle interior mirror
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T5e	5-pin connector
T5f	5-pin connector
T6d	6-pin connector
T6g	6-pin connector
T8c	8-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
Y7	Automatic anti-dazzle interior mirror
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B146	Positive connection 1 (87), in interior wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	see applicable current flow diagram for engine
*4	Cross section depends on equipment

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sw	=	black
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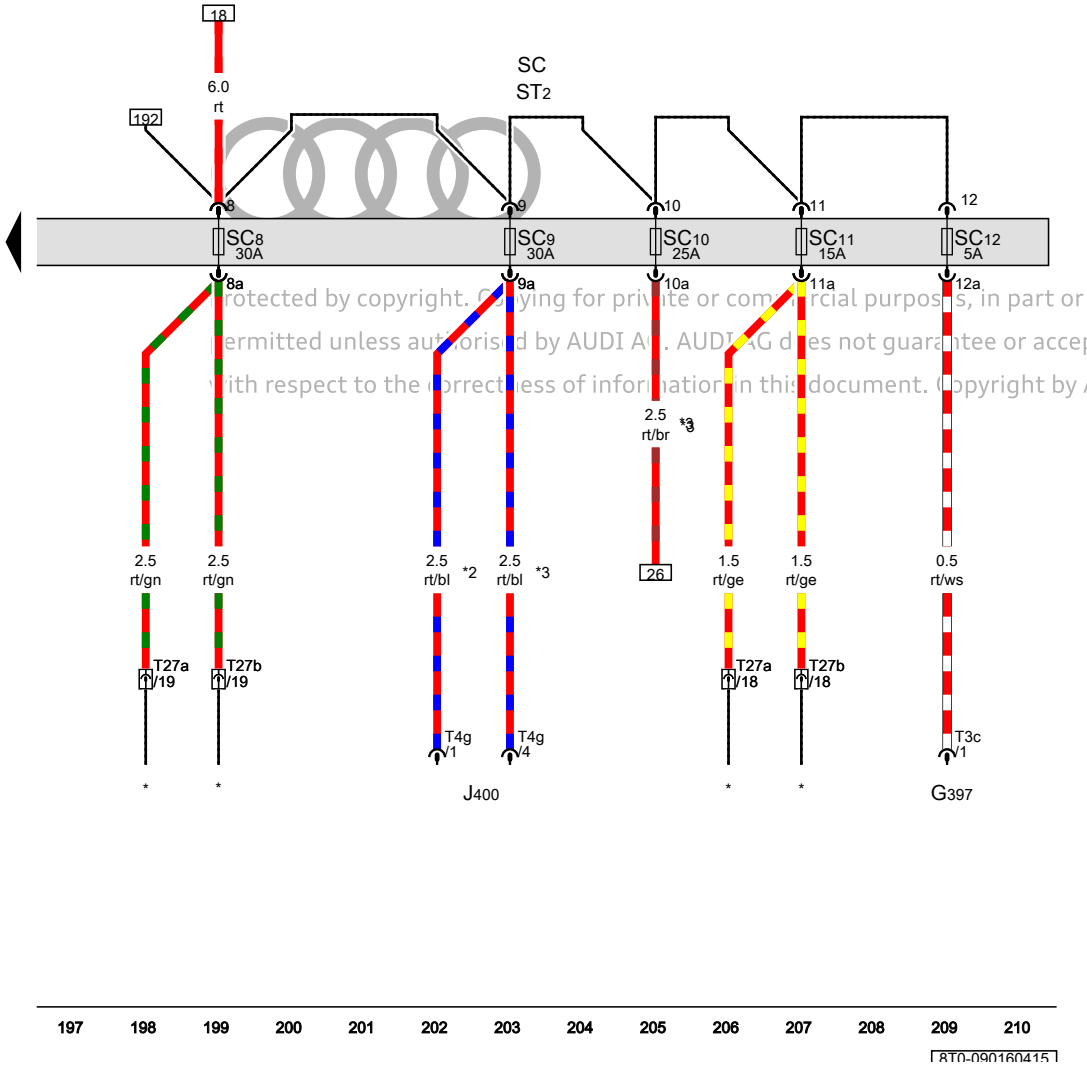


Fuse holder C, Fuse carrier 2

J160	Circulation pump relay
J413	Horn relay
J519	Onboard supply control unit
J880	Control unit for reducing agent metering system
SC	Fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T6f	6-pin connector
T6l	6-pin connector, green
T8am	8-pin connector
B146	Positive connection 1 (87), in interior wiring harness
*	see applicable current flow diagram for seat heating
*2	see applicable current flow diagram for engine
*3	Only left-hand drive models
*4	If fitted
*5	Gradually discontinued

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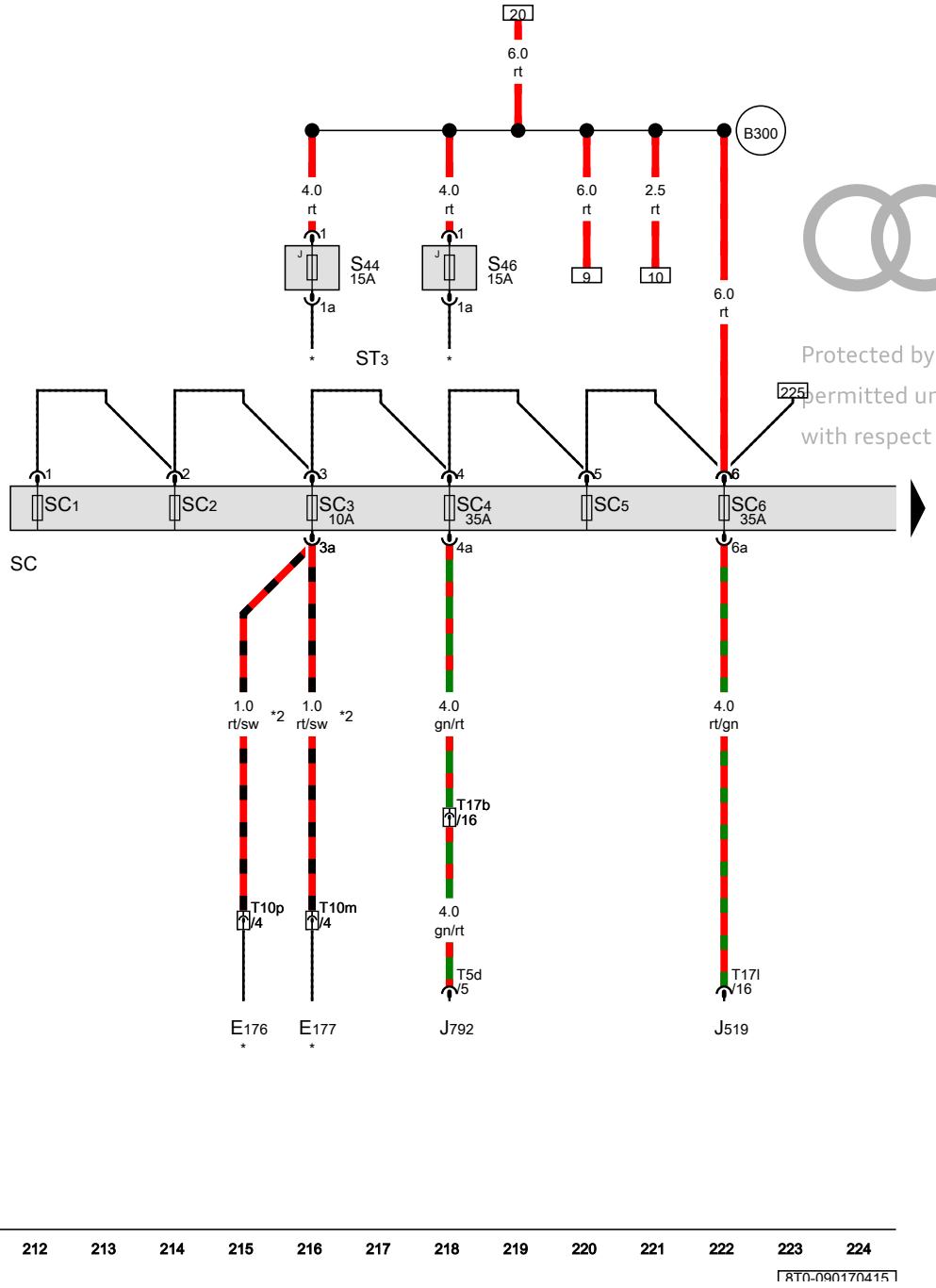


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Fuse holder C, Fuse carrier 2

G397	Rain and light sensor
J400	Wiper motor control unit
SC	Fuse holder C
ST2	Fuse carrier 2
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
T3c	3-pin connector
T4g	4-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
*	see applicable current flow diagram for convenience system
*2	Only right-hand drive models
*3	Only left-hand drive models

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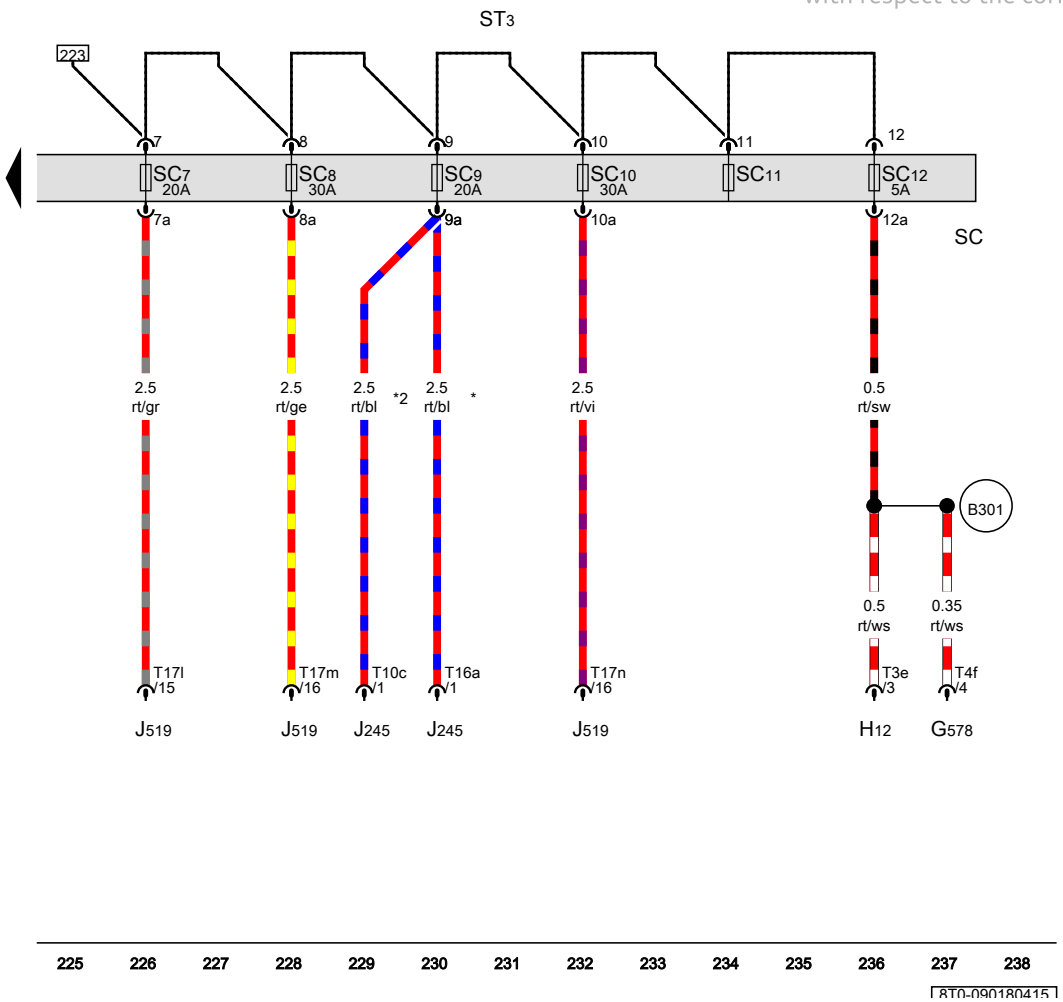
Fuse carrier 3, Fuse holder C

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J519	Onboard supply control unit
J792	Active steering control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
ST3	Fuse carrier 3
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
T5d	5-pin connector
T10m	10-pin connector, red
T10p	10-pin connector, red
T17b	17-pin connector, blue
T17l	17-pin connector
B300	Positive connection 4 (30), in main wiring harness
*	see applicable current flow diagram for seat adjustment
*2	Cross section depends on equipment

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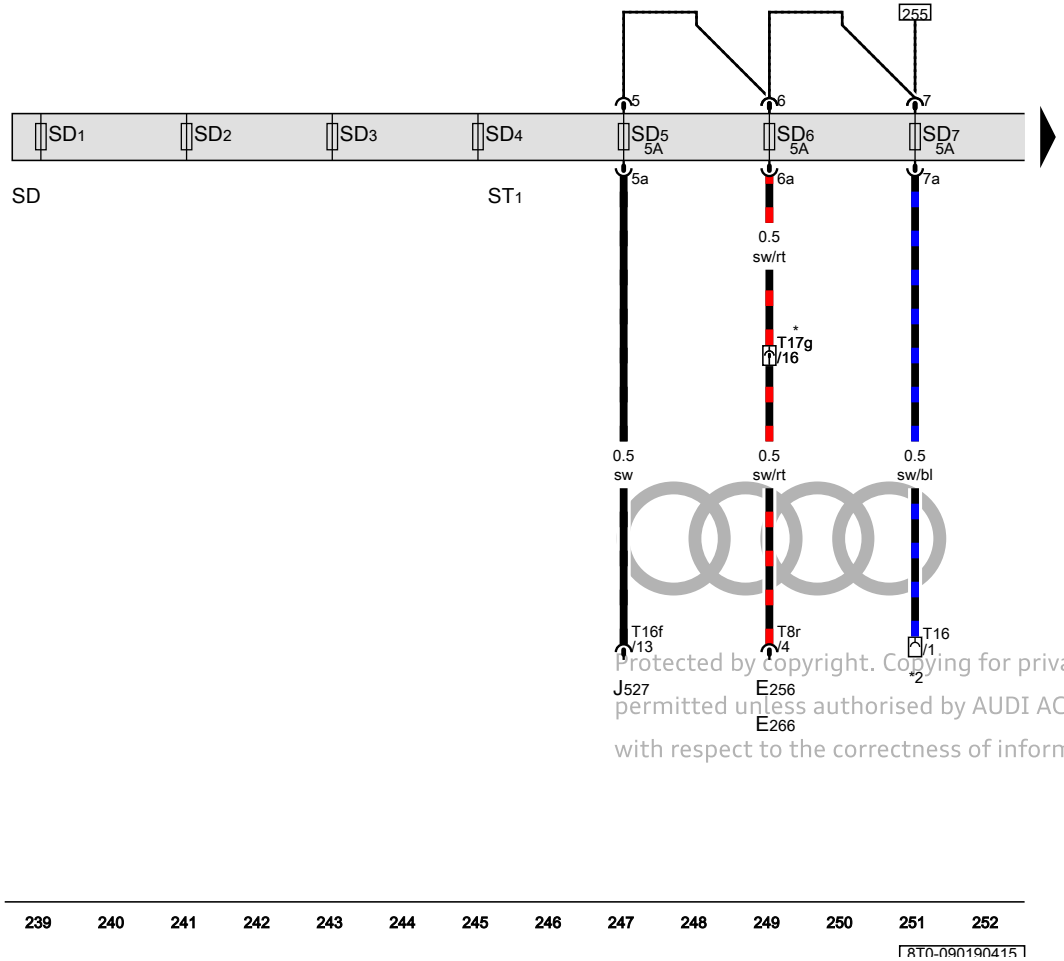
Fuse holder C, Fuse carrier 3

G578	Anti-theft alarm sensor
H12	Alarm horn
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
SC	Fuse holder C
ST3	Fuse carrier 3
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
T3e	3-pin connector
T4f	4-pin connector
T10c	10-pin connector
T16a	16-pin connector
T17l	17-pin connector
T17m	17-pin connector
T17n	17-pin connector
B301	Positive connection 5 (30), in main wiring harness
*	Only models with 2-doors
*2	Only models with 5-doors

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ro	=	red
rt	=	red
br	=	brown
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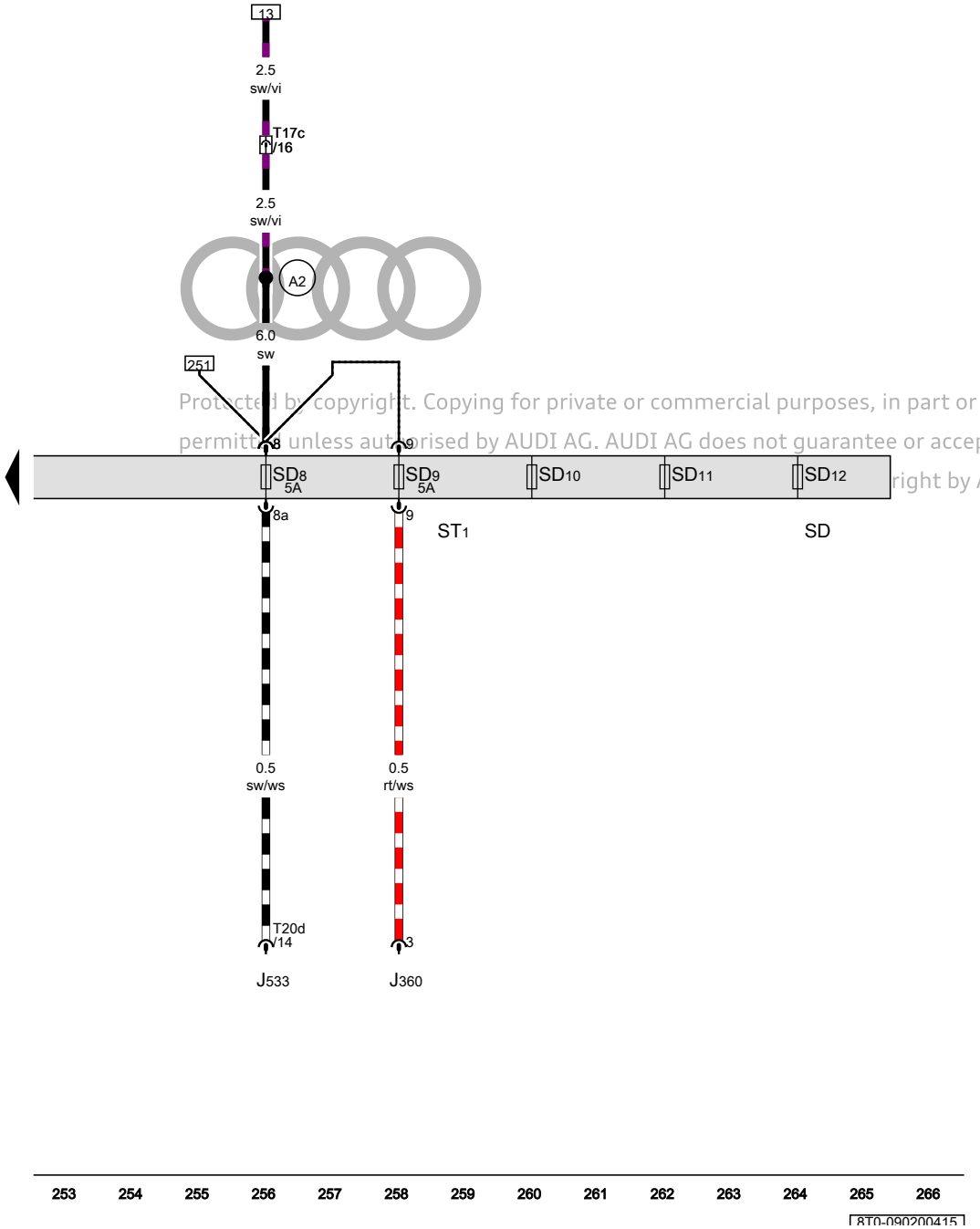
Fuse holder D, Fuse carrier 1

E256	Button for TCS and electronic stabilisation program
E266	Parking aid button
J527	Steering column electronics control unit
SD	Fuse holder D
ST1	Fuse carrier 1
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
SD7	Fuse 7 on fuse holder D
T8r	8-pin connector
T16	16-pin connector
T16f	16-pin connector
T17g	17-pin connector, black
*	Only models with no navigation system
*2	Diagnostic connection



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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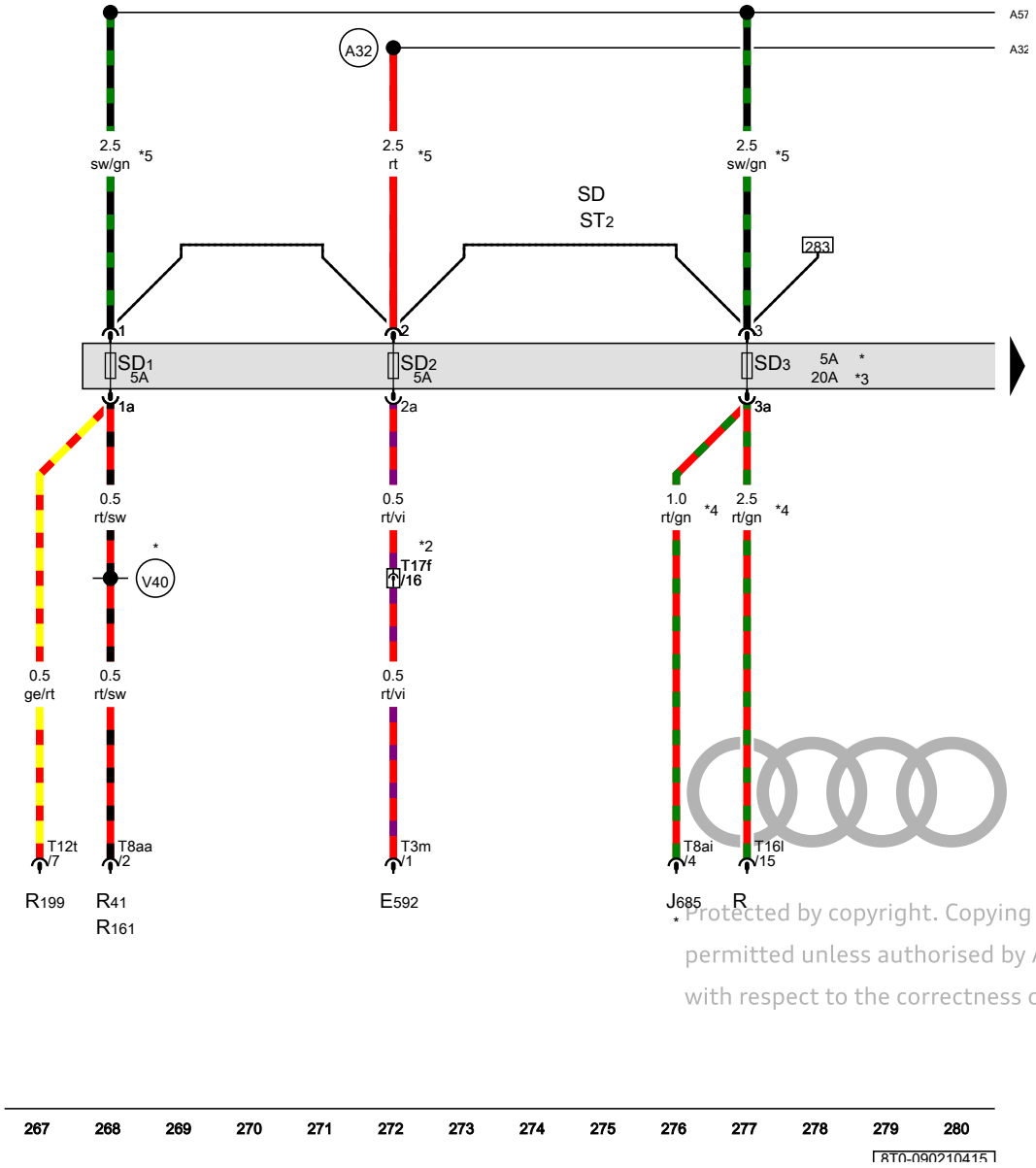


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Fuse holder D, Fuse carrier 1

J360	High heat output relay
J533	Data bus diagnostic interface
SD	Fuse holder D
ST1	Fuse carrier 1
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
T17c	17-pin connector, black
T20d	20-pin connector
A2	Positive connection (15), 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

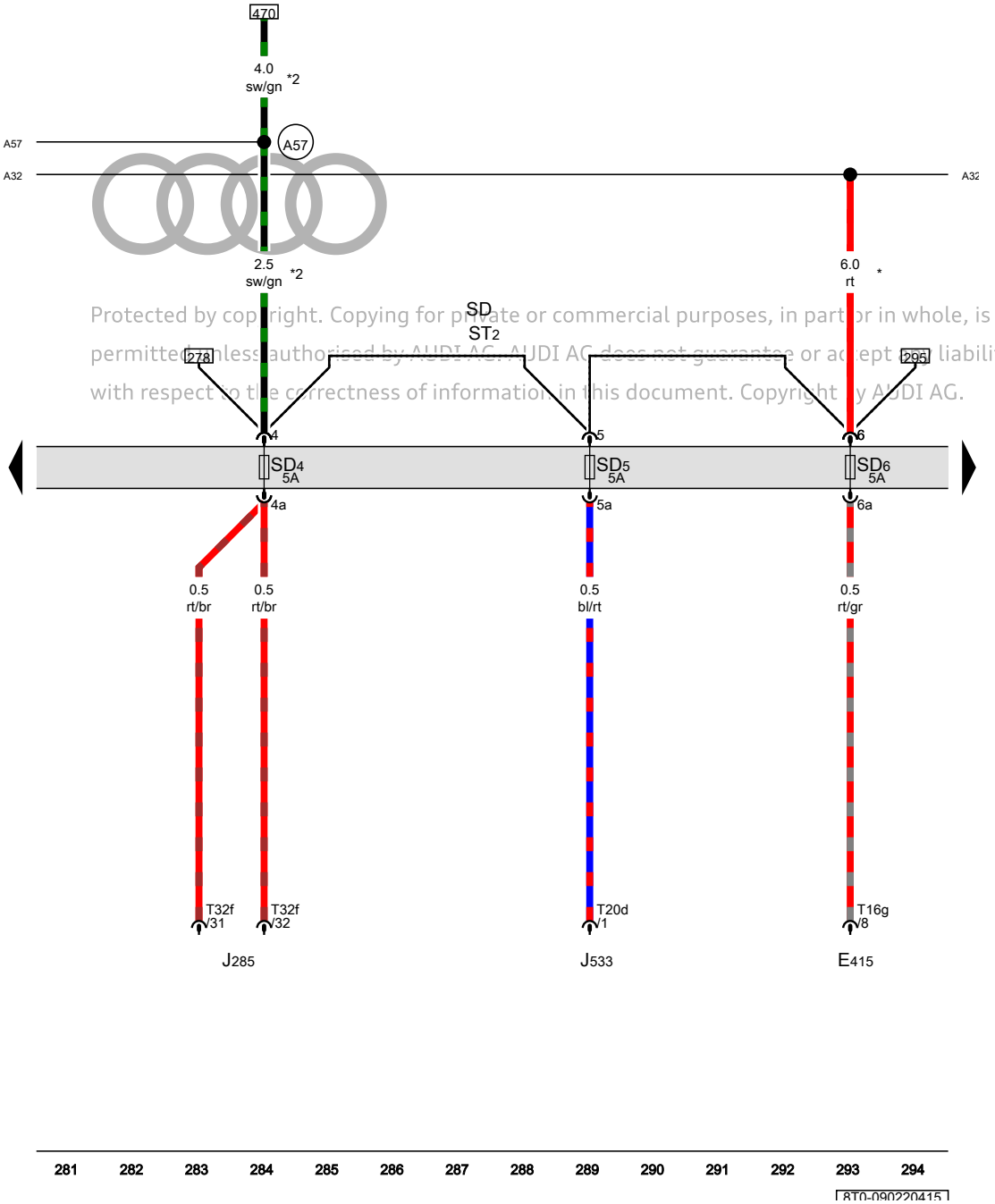


Fuse holder D, Fuse carrier 2

E592	Switch module for driving mode selection
J685	Display unit for front information display and operating unit control unit
R	Radio, black
R41	CD changer
R161	DVD changer
R199	Connection for external audio sources
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T3m	3-pin connector
T8aa	8-pin connector
T8ai	8-pin connector
T12t	12-pin connector
T16l	16-pin connector
T17f	17-pin connector, brown
A32	Positive connection (30), in dash panel wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
V40	Connection 2, in CD changer wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	Only models with no navigation system
*3	see applicable current flow diagram for radio/ radio navigation system
*4	Cross section depends on equipment
*5	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

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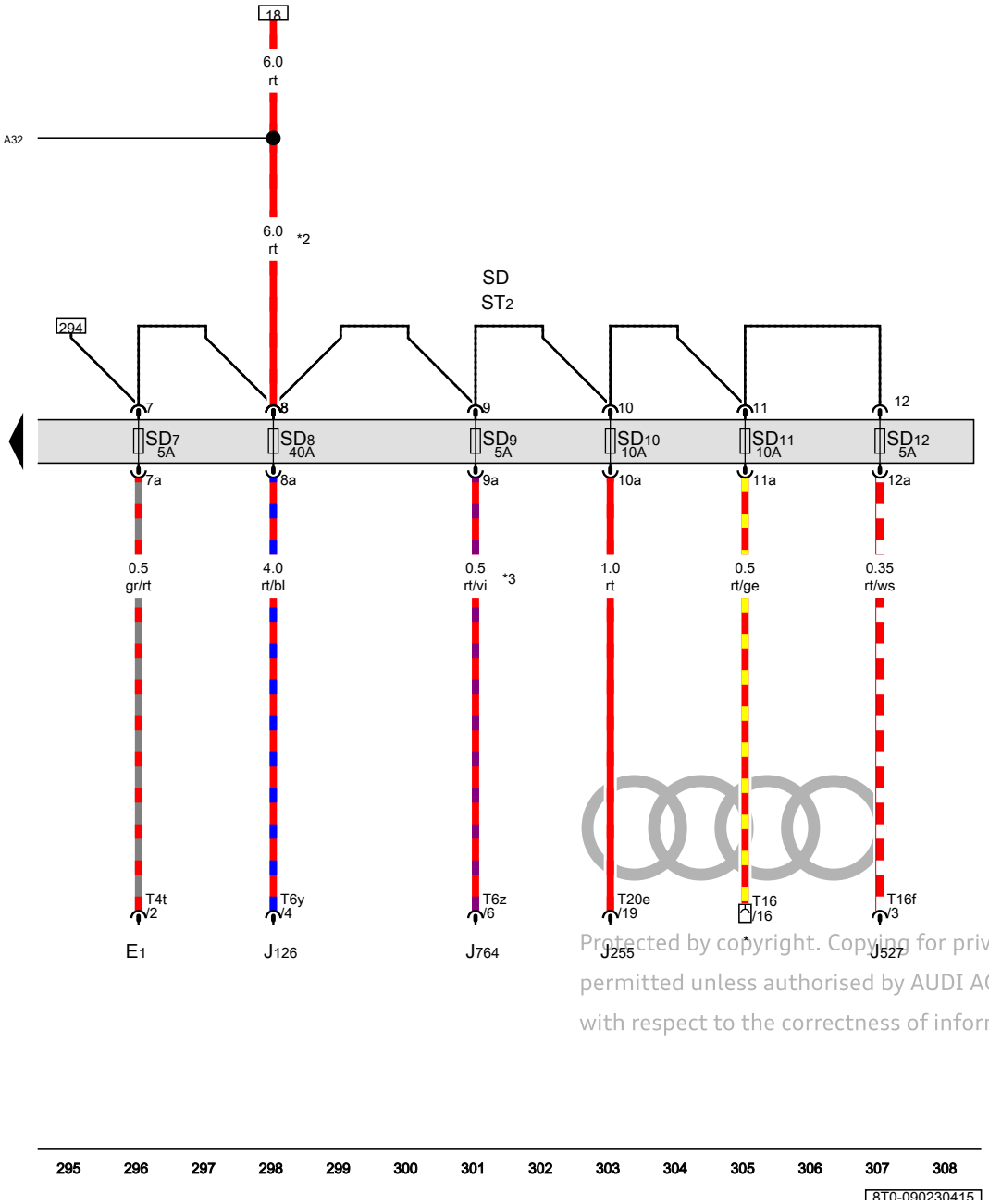


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Fuse holder D, Fuse carrier 2

E415	Entry and start authorisation switch
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
SD	Fuse holder D
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD6	Fuse 6 on fuse holder D
T16g	16-pin connector
T20d	20-pin connector
T32f	32-pin connector
A32	Positive connection (30), in dash panel wiring harness
A57	Positive connection 3 (30), in dash panel wiring harness
*	Only models with no start/stop system
*2	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



Fuse holder D, Fuse carrier 2

E1	Light switch
J126	Fresh air blower control unit
J255	Climatronic control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
SD	Fuse holder D
ST2	Fuse carrier 2
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
T4t	4-pin connector
T6y	6-pin connector
T6z	6-pin connector
T16	16-pin connector
T16f	16-pin connector
T20e	20-pin connector
A32	Positive connection (30), in dash panel wiring harness
*	Diagnostic connection
*2	Only models with start/stop system
*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

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Fuse holder F, Fuse carrier 1

SF	Fuse holder F
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
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
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

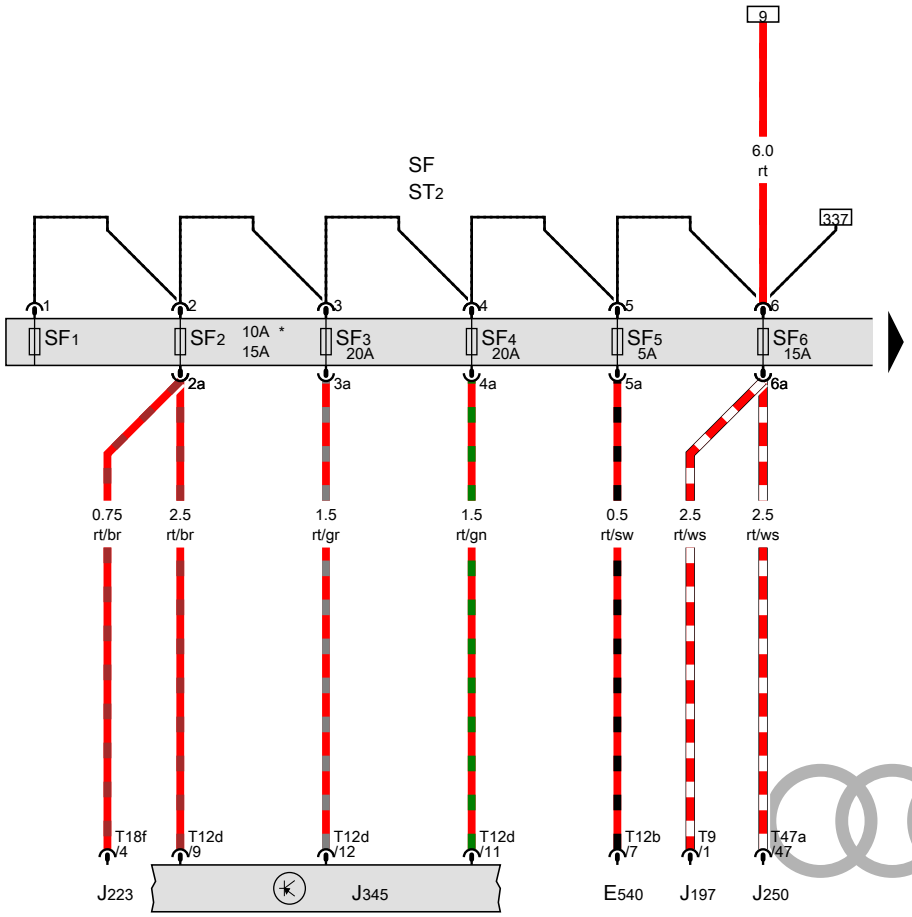
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309 310 311 312 313 314 315 316 317 318 319 320 321 322

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

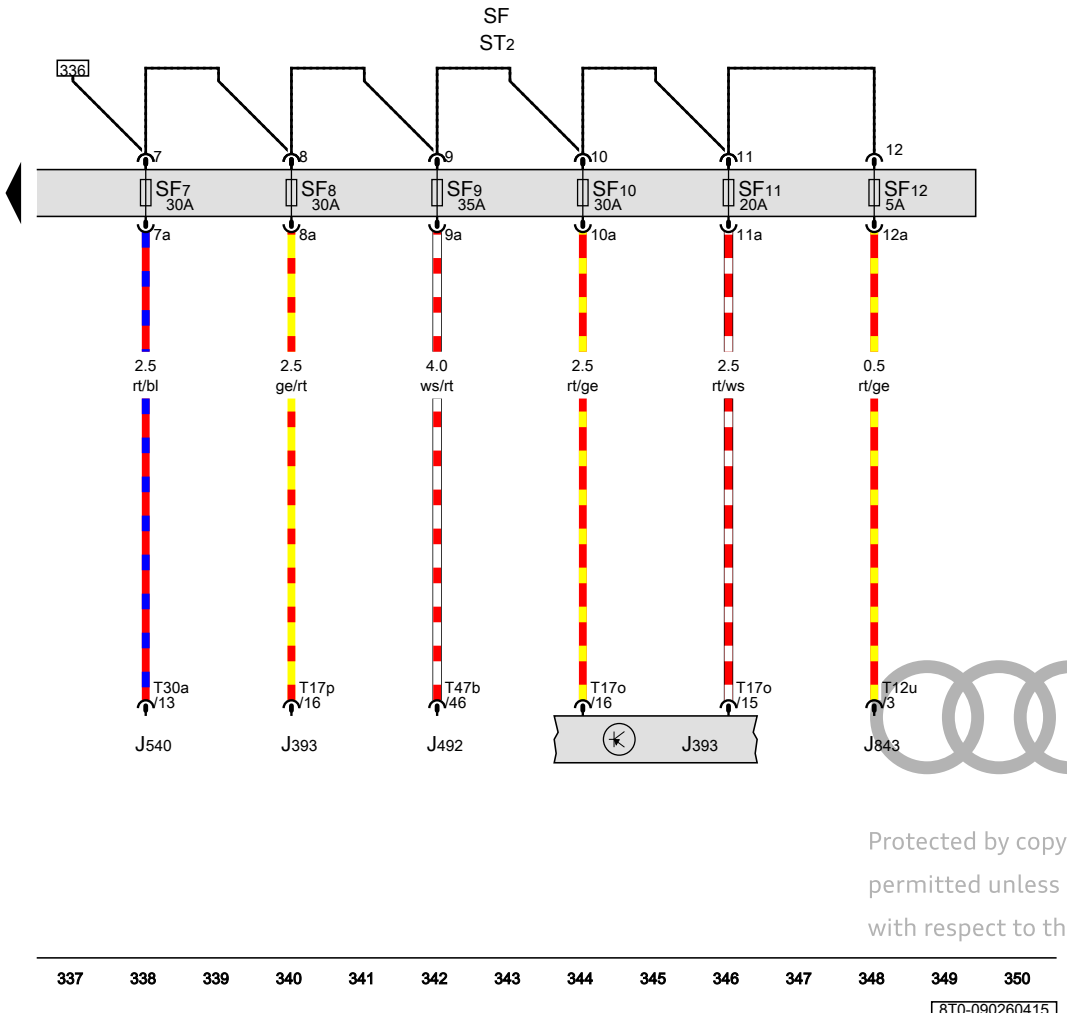


Fuse holder F, Fuse carrier 2

E540	Auto-hold button
J197	Adaptive suspension control unit
J223	Adjustable rear spoiler control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
ST2	Fuse carrier 2
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
T9	9-pin connector
T12b	12-pin connector
T12d	12-pin connector
T18f	18-pin connector
T47a	47-pin connector
*	Only models with electrically adjustable rear spoiler

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

J393	Convenience system central control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
J843	Interface control unit for vehicle location system
SF	Fuse holder F
ST2	Fuse carrier 2
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
T12u	12-pin connector
T17o	17-pin connector
T17p	17-pin connector
T30a	30-pin connector
T47b	47-pin connector

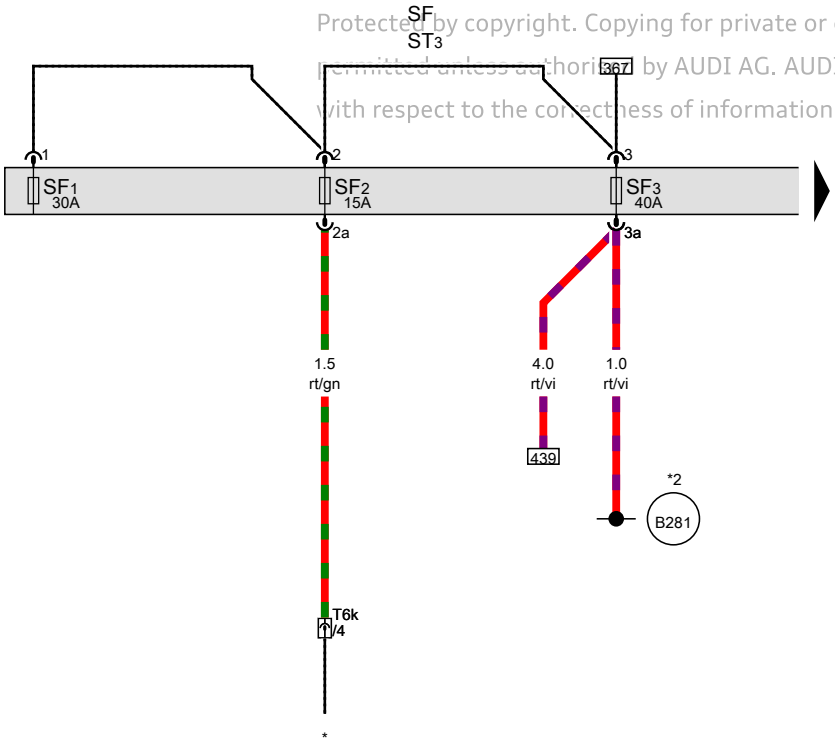
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gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Fuse holder F, Fuse carrier 3

SF	Fuse holder F
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
T6k	6-pin connector, green
B281	Positive connection 5 (15a) in main wiring harness
*	see applicable current flow diagram for seat heating
*2	Only models with TV tuner

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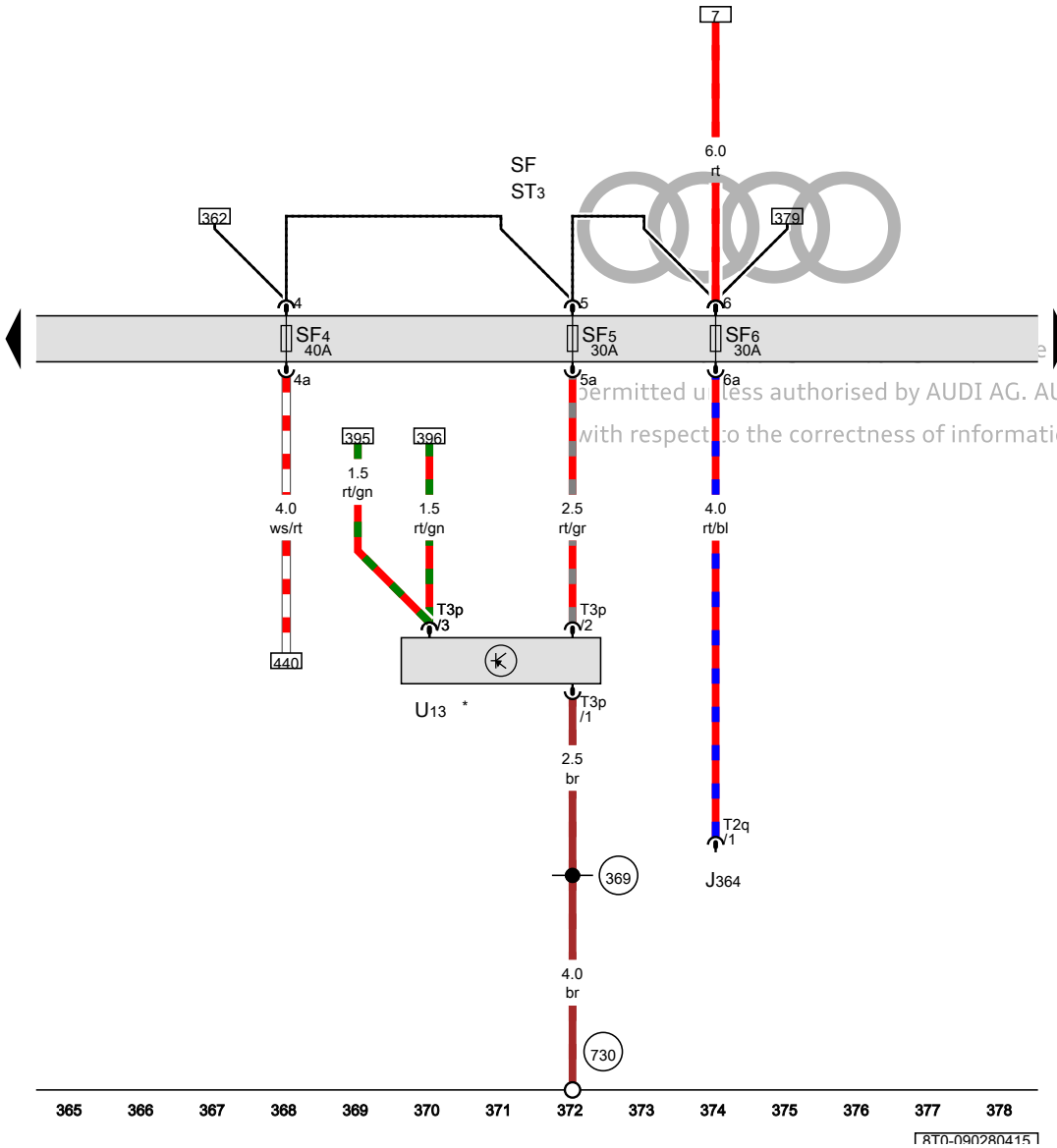
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

351 352 353 354 355 356 357 358 359 360 361 362 363 364

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Fuse holder F, Fuse carrier 3

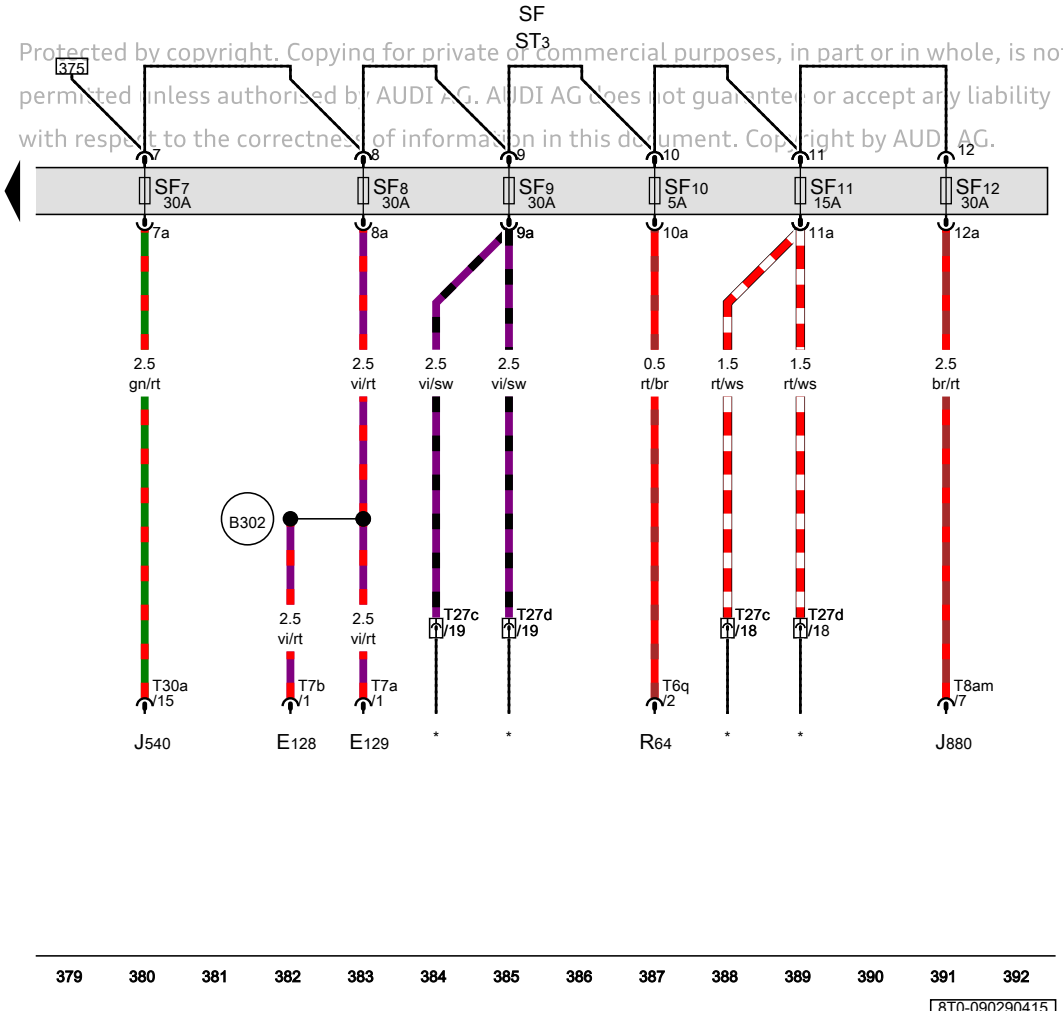
J364	Auxiliary heater control unit
SF	Fuse holder F
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T2q	2-pin connector
T3p	3-pin connector
U13	DC/AC converter with socket, 12 V - 230 V
369	Earth connection 4, in main wiring harness
730	Earth point 1, on right rear wheel housing
*	Only models with DC/AC converter with socket, 12 V-230 V/12 V-115 V



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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

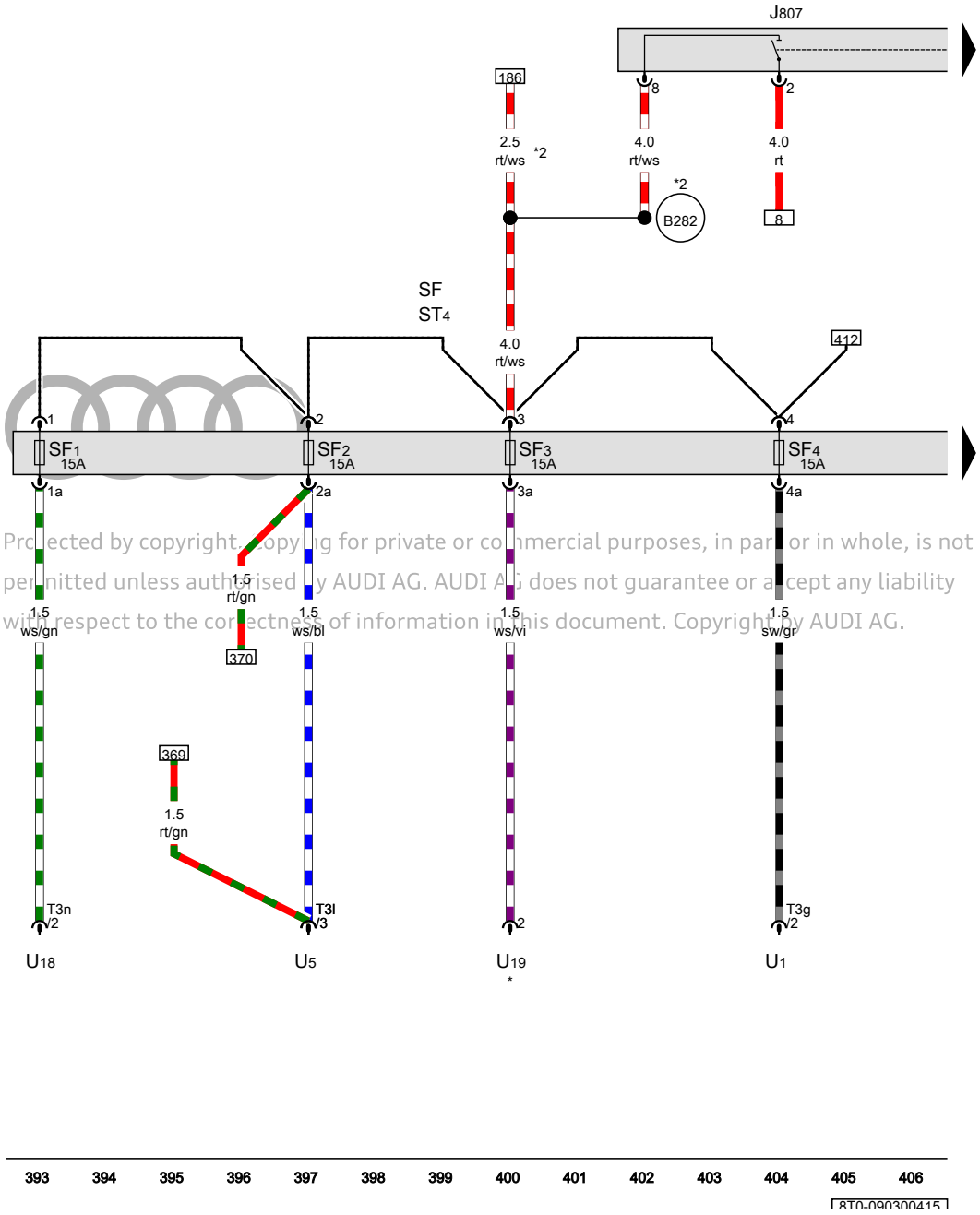
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder F, Fuse carrier 3

E128	Heated rear left seat switch with regulator
E129	Heated rear right seat switch with regulator
J540	Control unit for electromechanical parking brake
J880	Control unit for reducing agent metering system
R64	Remote control receiver for auxiliary heater
SF	Fuse holder F
ST3	Fuse carrier 3
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
T6q	6-pin connector
T7a	7-pin connector
T7b	7-pin connector
T8am	8-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T27d	27-pin connector, lower part of B-pillar, front passenger side
T30a	30-pin connector
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only left-hand drive models

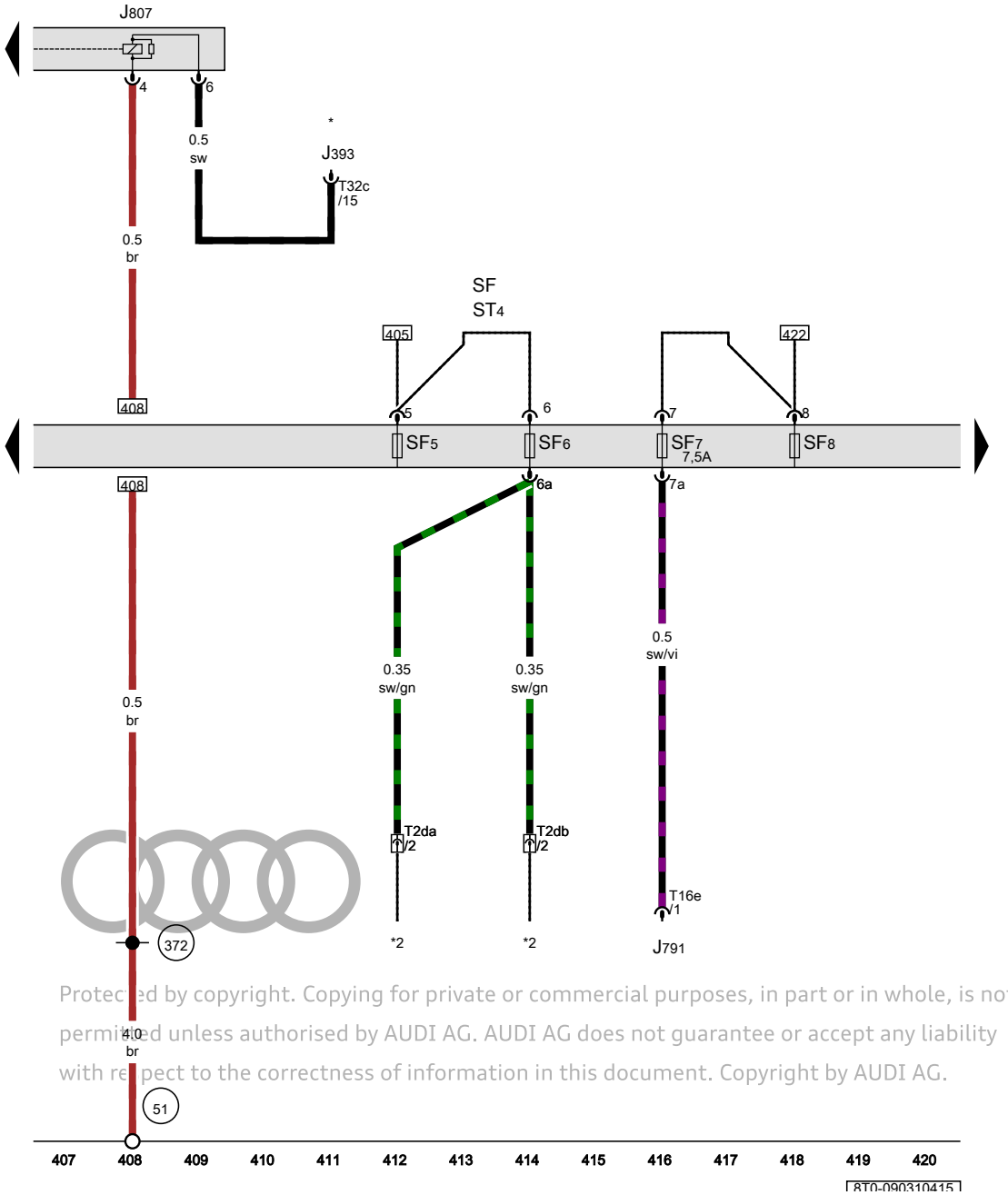


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Fuse holder F, Fuse carrier 4

J807	Relay for power sockets
SF	Fuse holder F
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
SF4	Fuse 4 in fuse holder F
T3g	3-pin connector
T3l	3-pin connector
T3n	3-pin connector
U1	Cigarette lighter
U5	12 V socket, in front centre console
U18	12 V socket 2, in rear centre console
U19	12 V socket 3
B282	Positive connection 6 (15a) in main wiring harness
*	Only models with 12 V socket in luggage compartment
*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

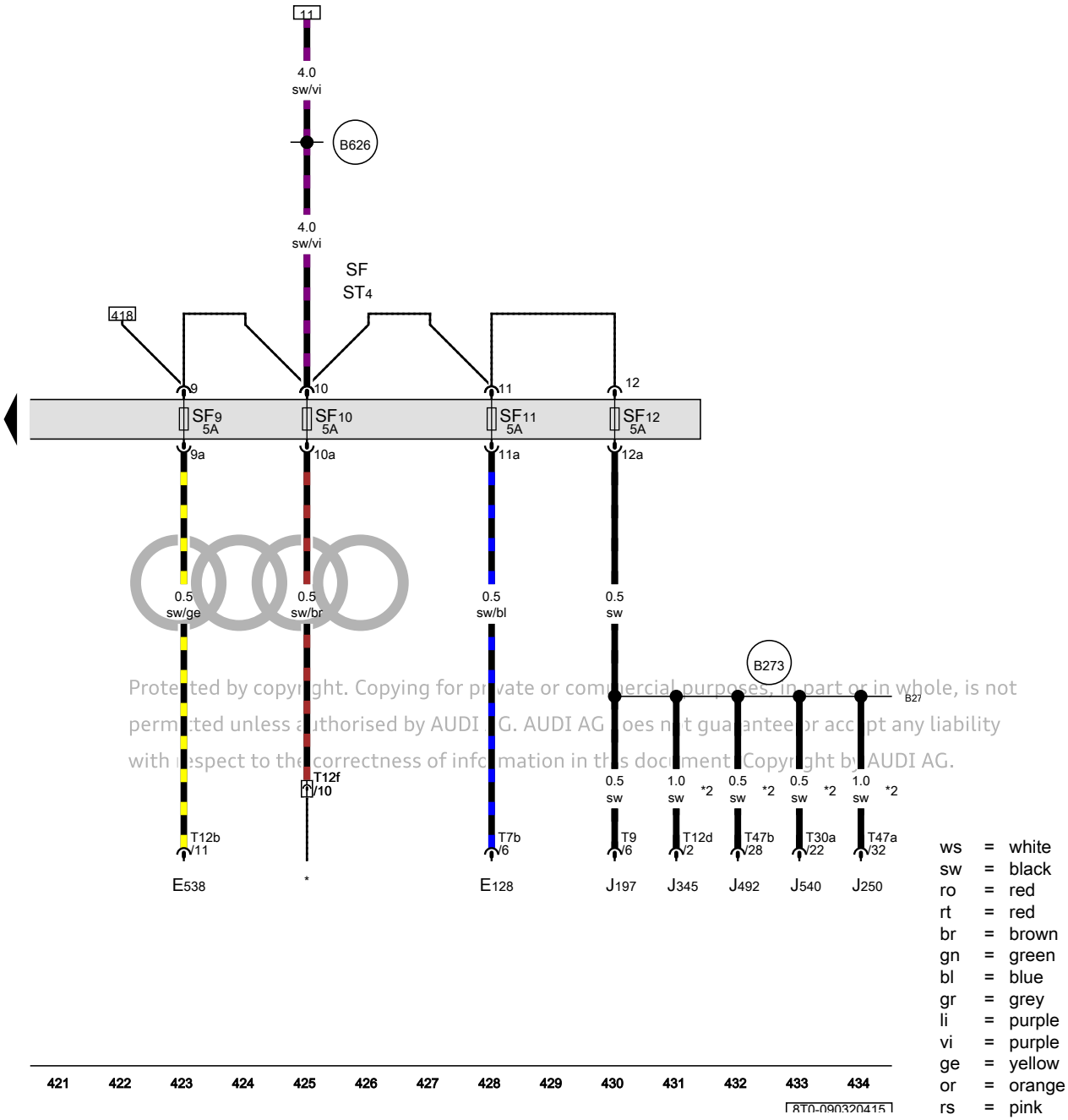


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Fuse holder F, Fuse carrier 4

J393	Convenience system central control unit
J791	Park assist steering control unit
J807	Relay for power sockets
SF	Fuse holder F
ST4	Fuse carrier 4
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
T2da	2-pin connector, blue
T2db	2-pin connector, blue
T16e	16-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
372	Earth connection 7, in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for multimedia 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

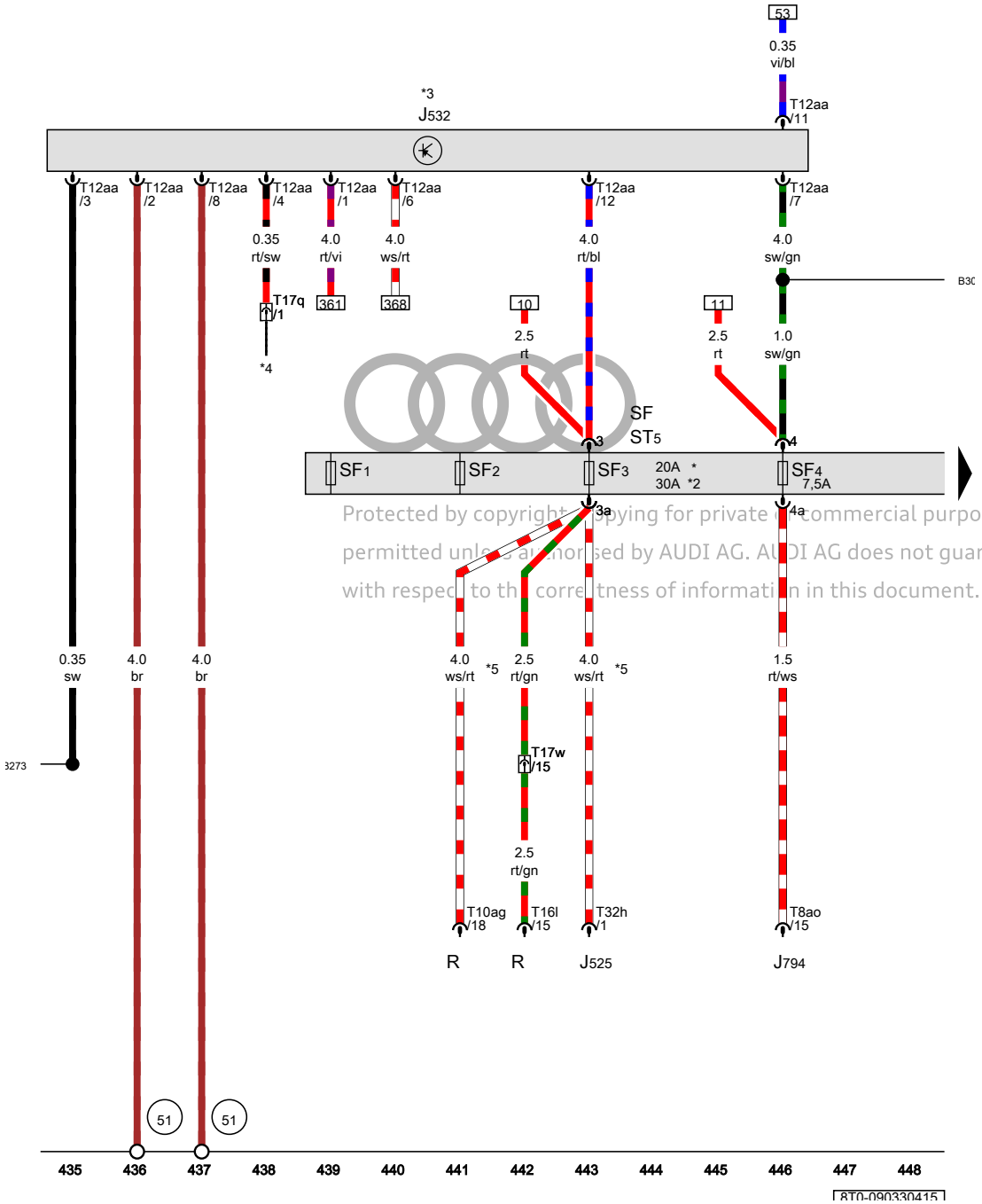


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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Fuse holder F, Fuse carrier 4

E128	Heated rear left seat switch with regulator
E538	Electromechanical parking brake button
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
SF	Fuse holder F
ST4	Fuse carrier 4
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
T7b	7-pin connector
T9	9-pin connector
T12b	12-pin connector
T12d	12-pin connector
T12f	12-pin connector
T30a	30-pin connector
T47a	47-pin connector
T47b	47-pin connector
B273	Positive connection (15), in main wiring harness
B626	Positive connection 2 (15), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Cross section depends on equipment

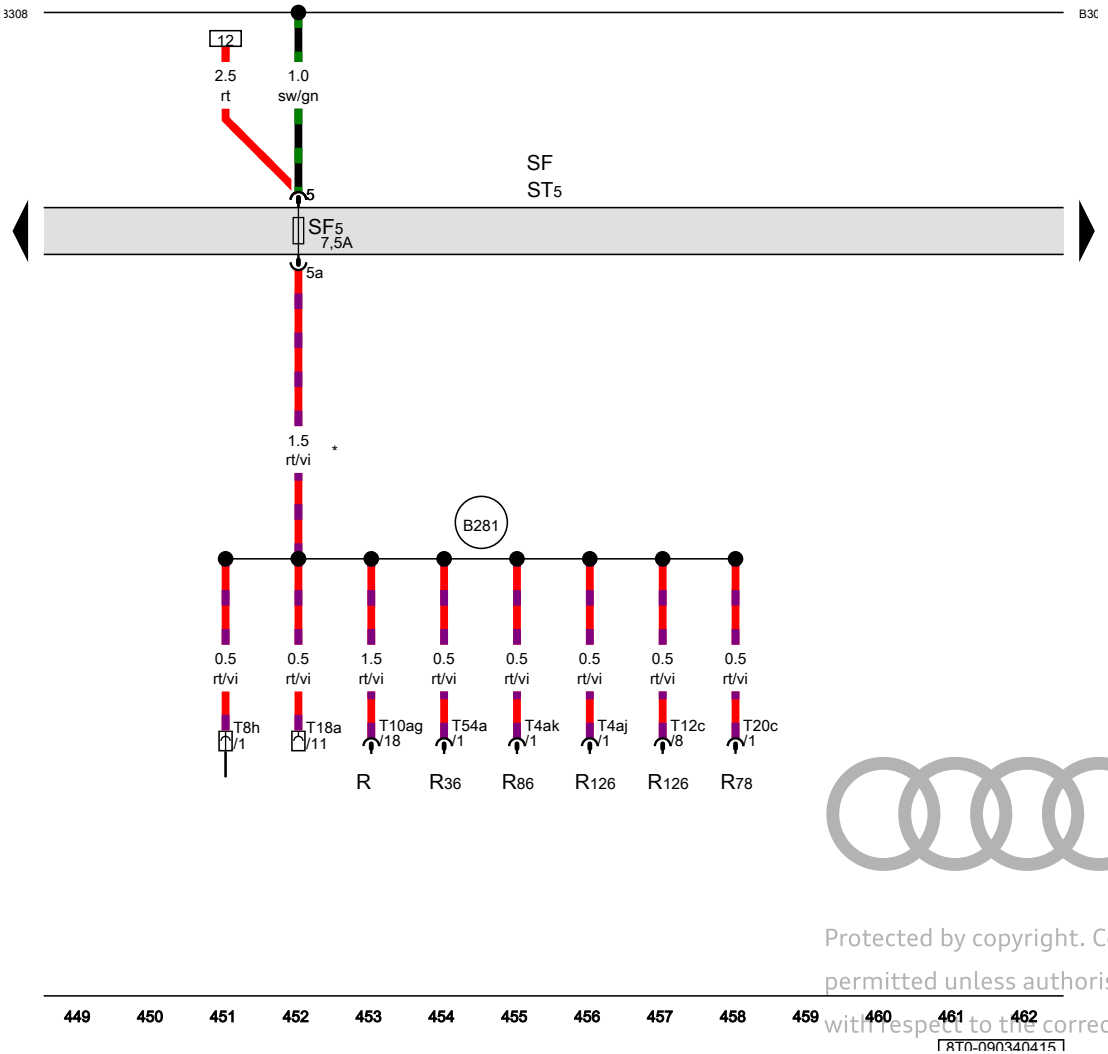


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Fuse holder F, Fuse carrier 5

J525	Digital sound package control unit
J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R	Radio
SF	Fuse holder F
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
ST5	Fuse carrier 5
T8ao	8-pin connector
T10ag	10-pin connector
T12aa	12-pin connector
T16l	16-pin connector
T17q	17-pin connector, red
T17w	17-pin connector, white
T32h	32-pin connector
51	Earth point, on right in luggage compartment
B273	Positive connection (15), in main wiring harness
B308	Positive connection 12 (30), in main wiring harness
*	Only models with sound system
*2	Only models with no sound system
*3	Only models with start/stop system
*4	see applicable current flow diagram for engine
*5	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

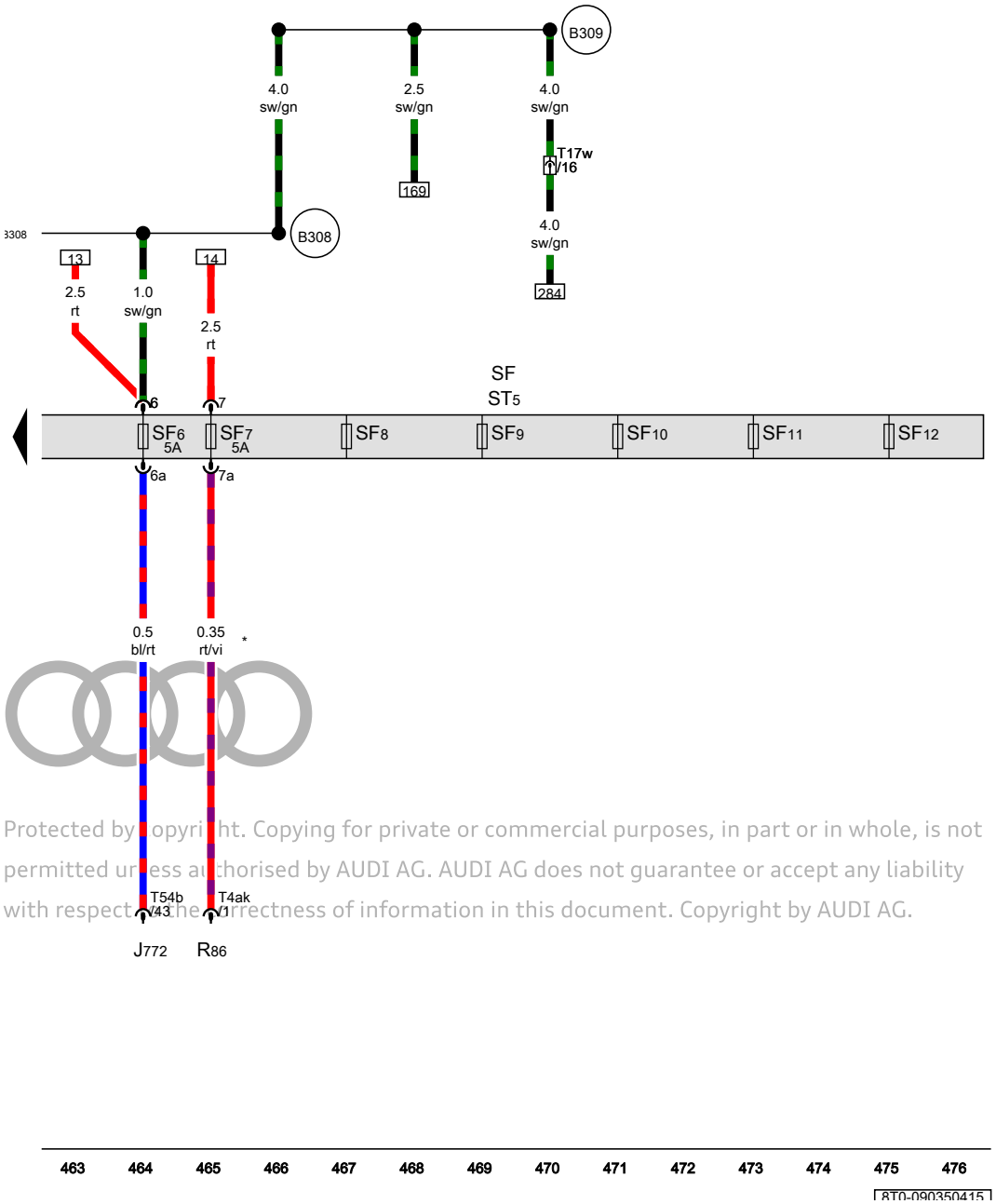


Fuse holder F, Fuse carrier 5

R	Radio
R36	Telephone transmitter and receiver unit
R78	TV tuner
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SF	Fuse holder F
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
T4aj	4-pin connector
T4ak	4-pin connector
T8h	8-pin connector, black
T10ag	10-pin connector
T12c	12-pin connector
T18a	18-pin connector, under centre console
T20c	20-pin connector
T54a	54-pin connector
B281	Positive connection 5 (15a) in main wiring harness
B308	Positive connection 12 (30), in main 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

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Fuse holder F, Fuse carrier 5

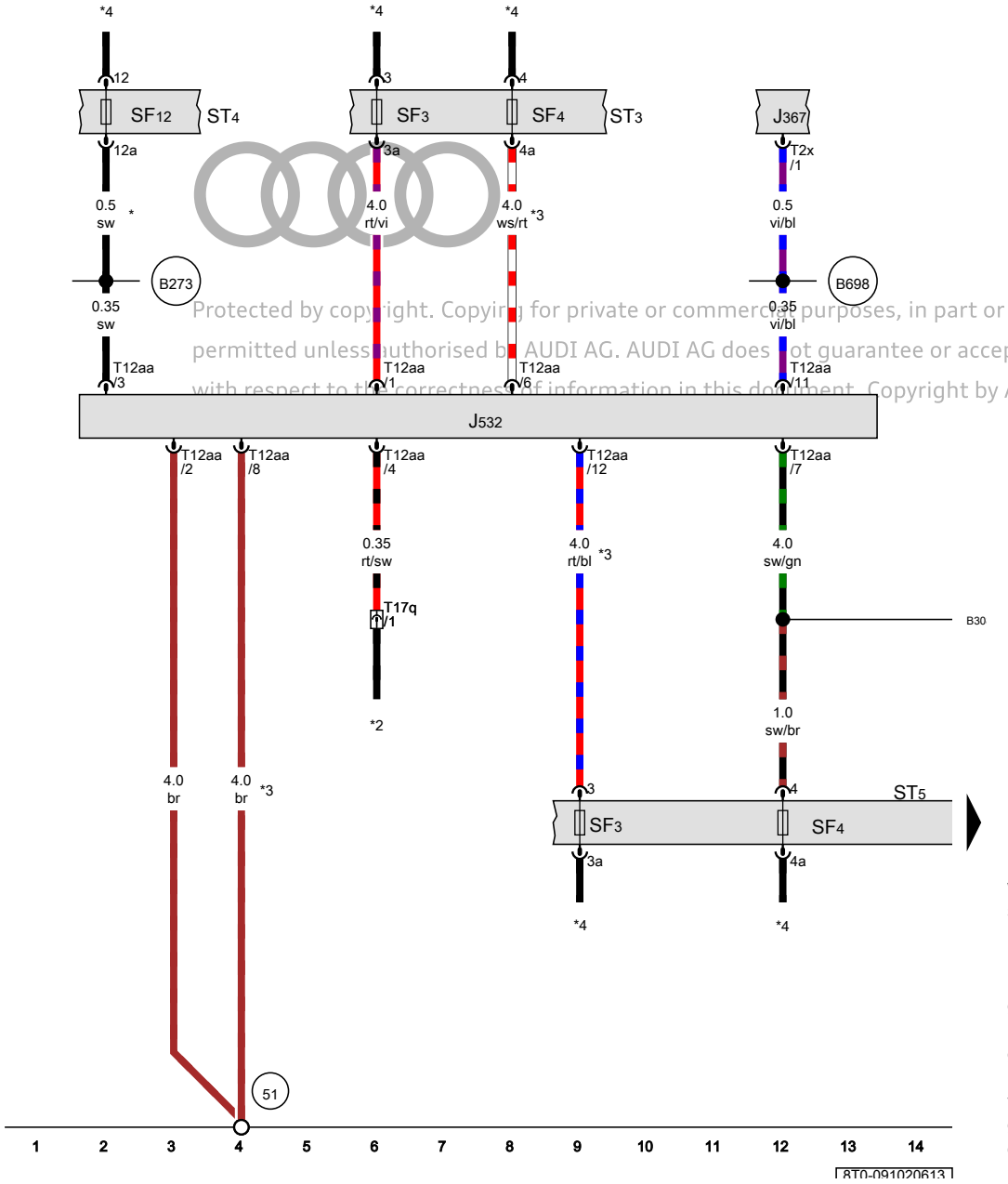
J772	Reversing camera system control unit
R86	Aerial amplifier for mobile telephone
SF	Fuse holder F
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T4ak	4-pin connector
T17w	17-pin connector, white
T54b	54-pin connector
B308	Positive connection 12 (30), in main wiring harness
B309	Positive connection 13 (30), in main wiring harness
*	From May 2010

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

Start/stop system

From May 2009

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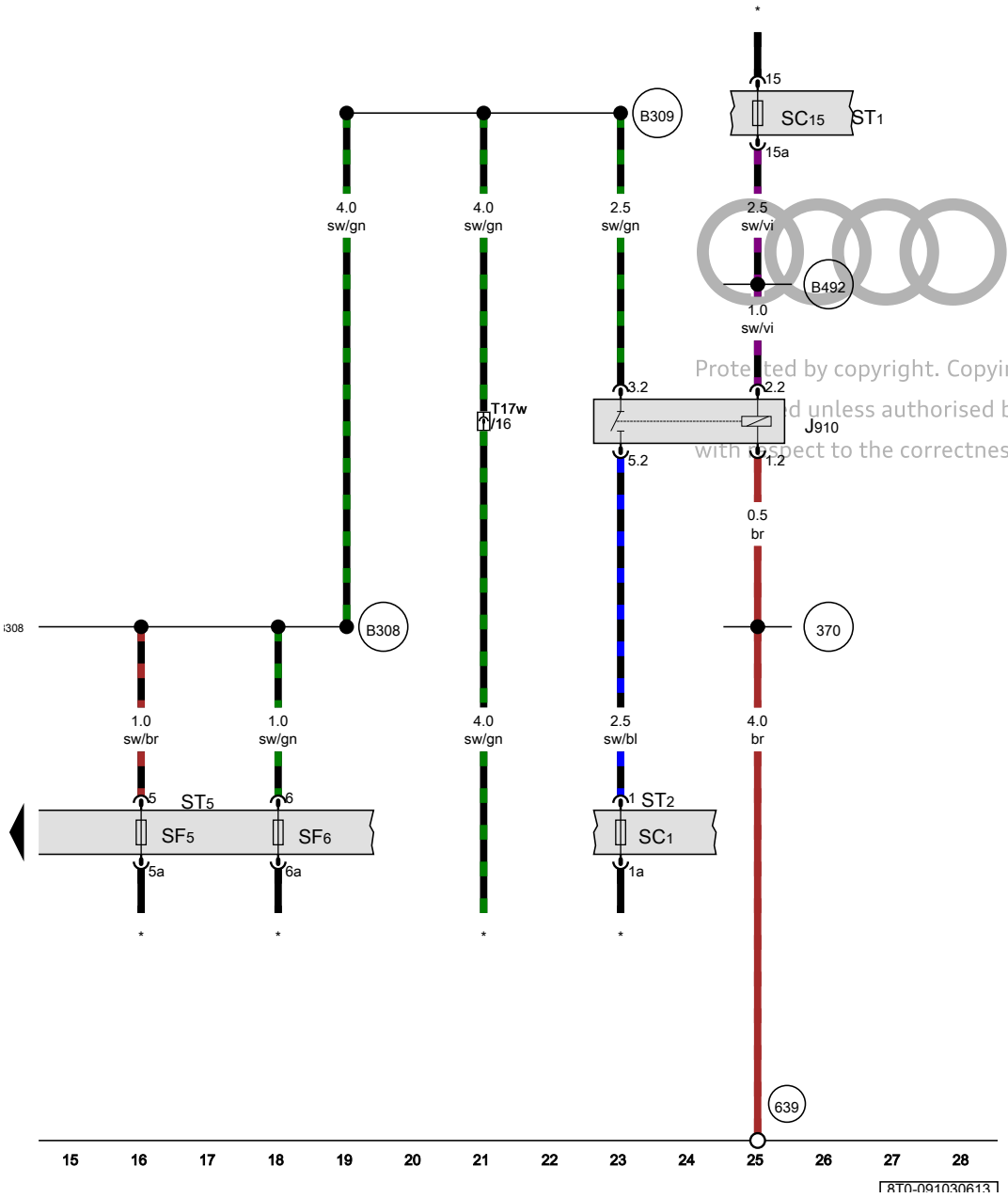
Voltage stabiliser

J367	Battery monitor control unit
J532	Voltage stabiliser
SF3	Fuse 3 in fuse holder F
ST3	Fuse carrier 3
ST4	Fuse carrier 4
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF12	Fuse 12 in fuse holder F
T2x	2-pin connector
T12aa	12-pin connector
T17q	17-pin connector
51	Earth point, on right in luggage compartment
B273	Positive connection (15), in main wiring harness
B308	Positive connection 12 (30), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	Cross section depends on equipment
*2	see applicable current flow diagram for engine
*3	Only models with 400 W voltage stabiliser
*4	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

Relay for automatic anti-dazzle interior mirror

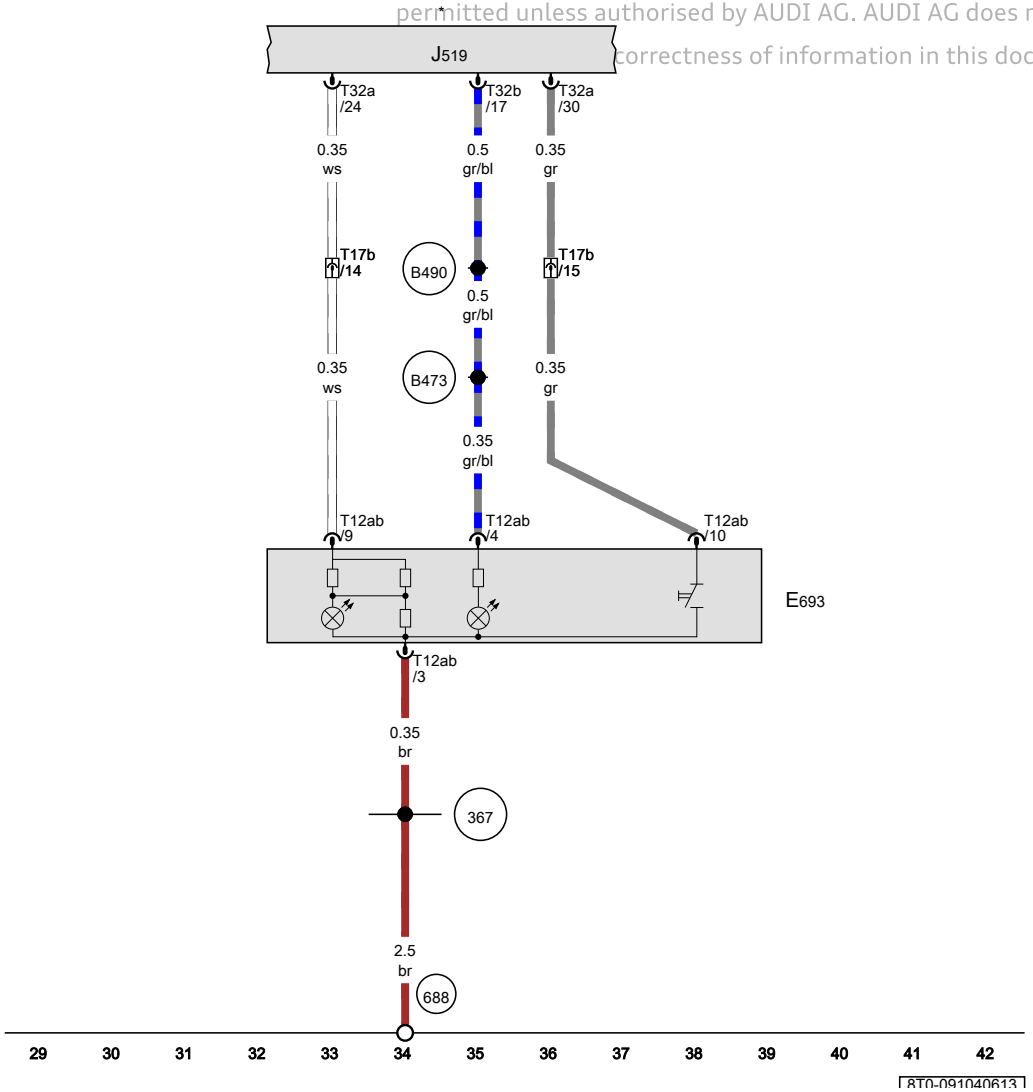
J910	Relay for automatic anti-dazzle interior mirror
SC1	Fuse 1 on fuse holder C
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
SF6	Fuse 6 in fuse holder F
SC15	Fuse 15 on fuse holder C
T17w	17-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B308	Positive connection 12 (30), in main wiring harness
B309	Positive connection 13 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment



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Start/Stop operation button

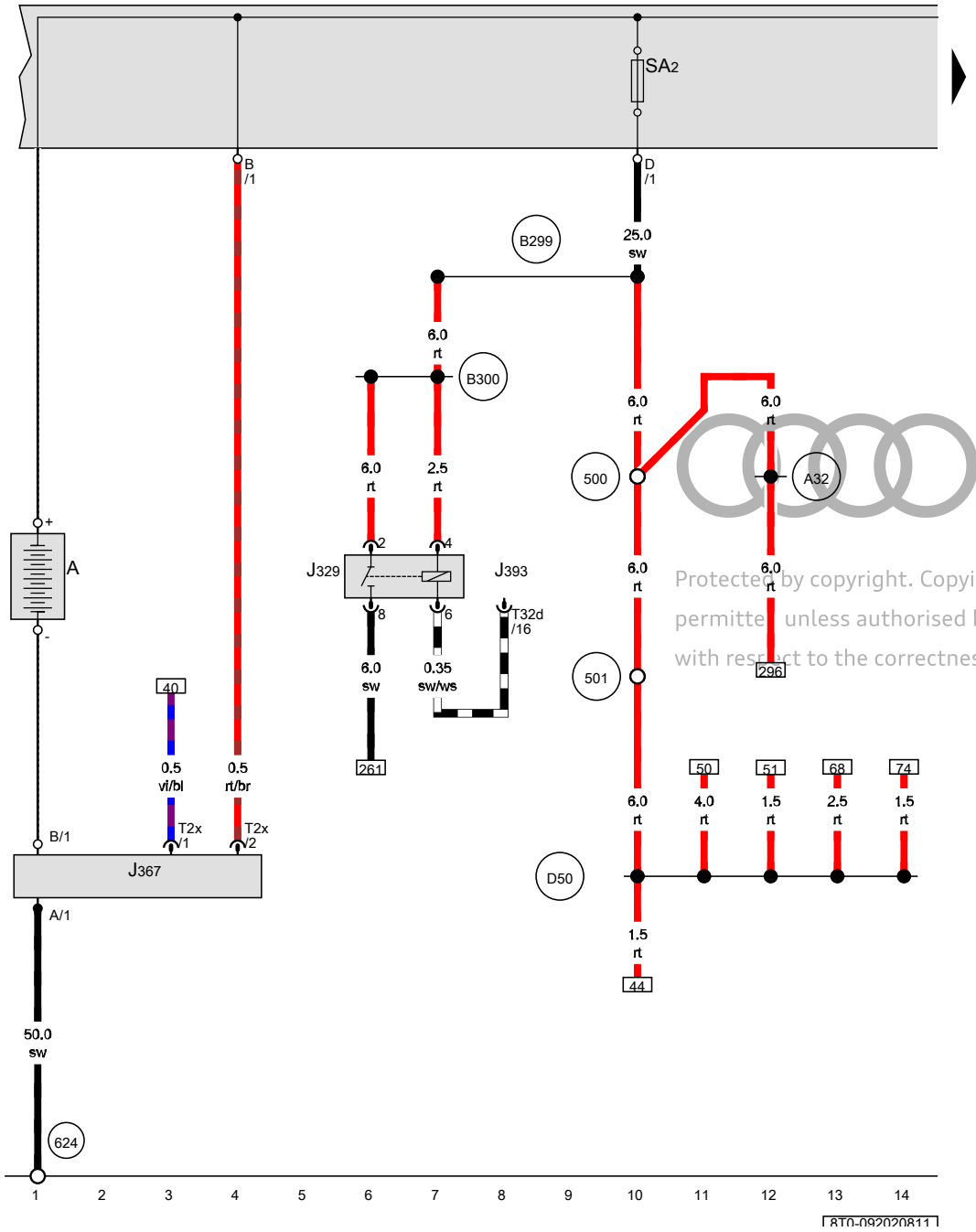
E693	Start/Stop operation button
J519	Onboard supply control unit
T12ab	12-pin connector
T17b	17-pin connector
T32a	32-pin connector
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram for basic equipment

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2.0l petrol engine with start/stop system , CDNB,CDNC

From May 2009

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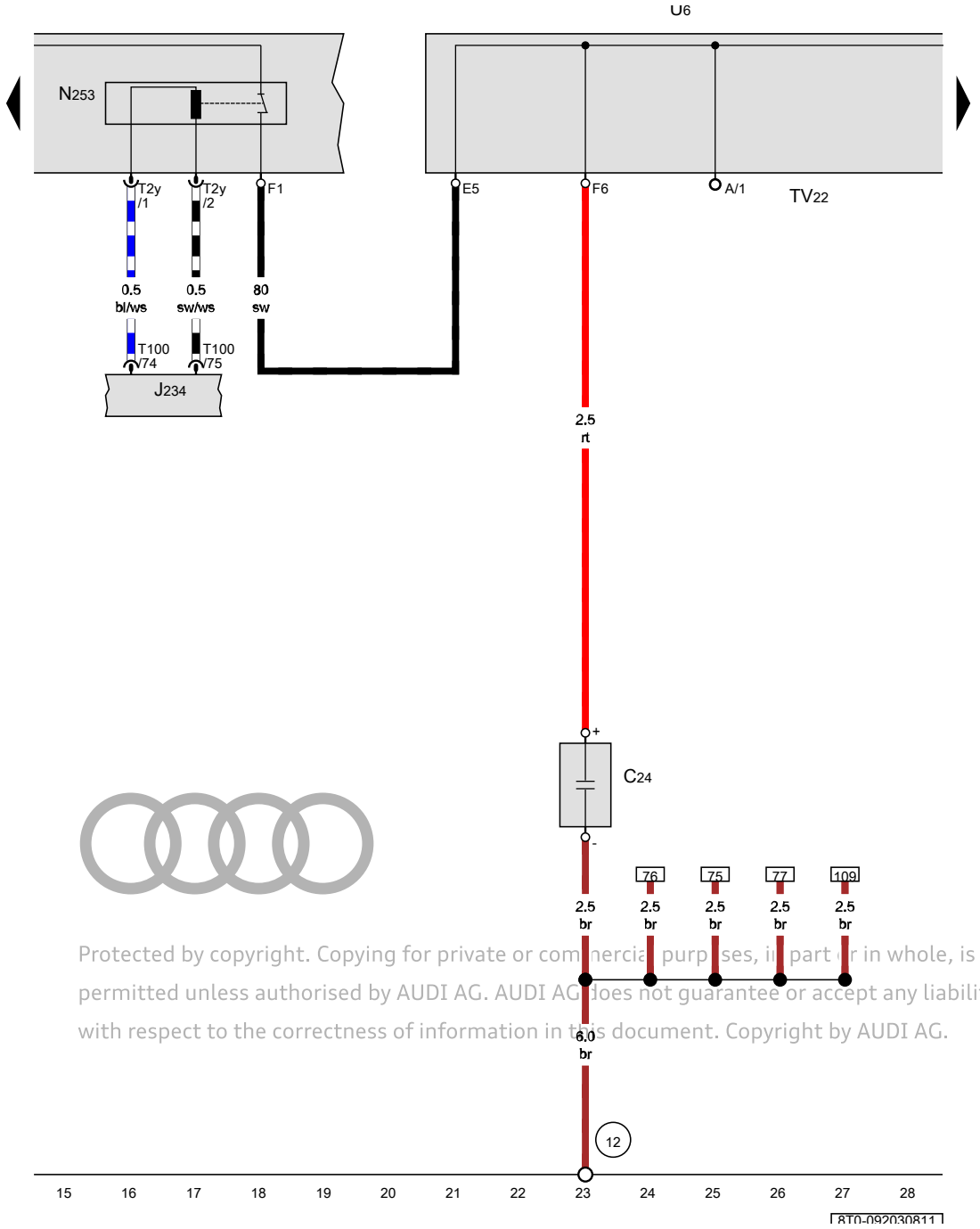


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA2	Fuse 2 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
624	Earth point, starter battery
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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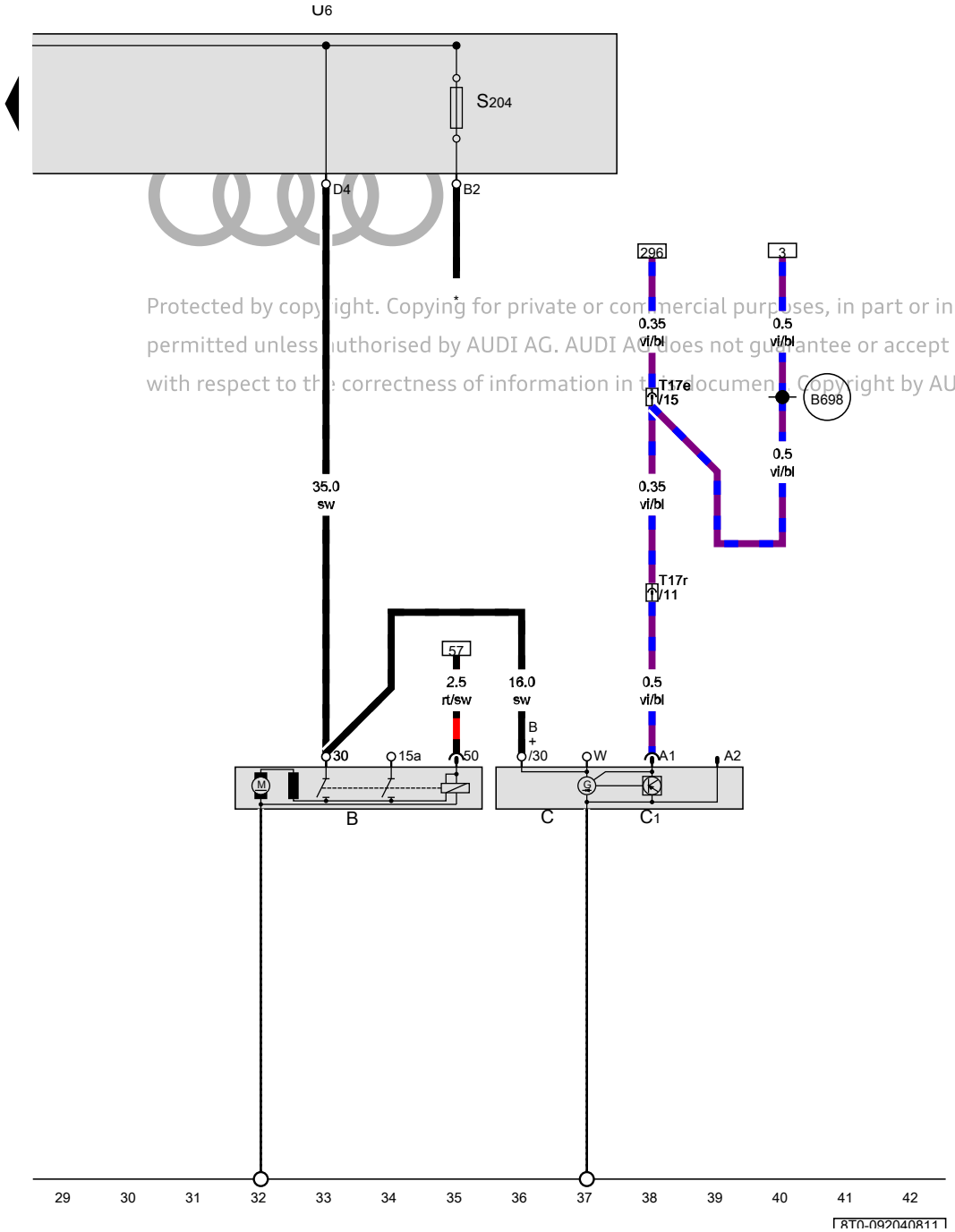


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Battery isolation igniter, Terminal 30 wiring junction 2, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness

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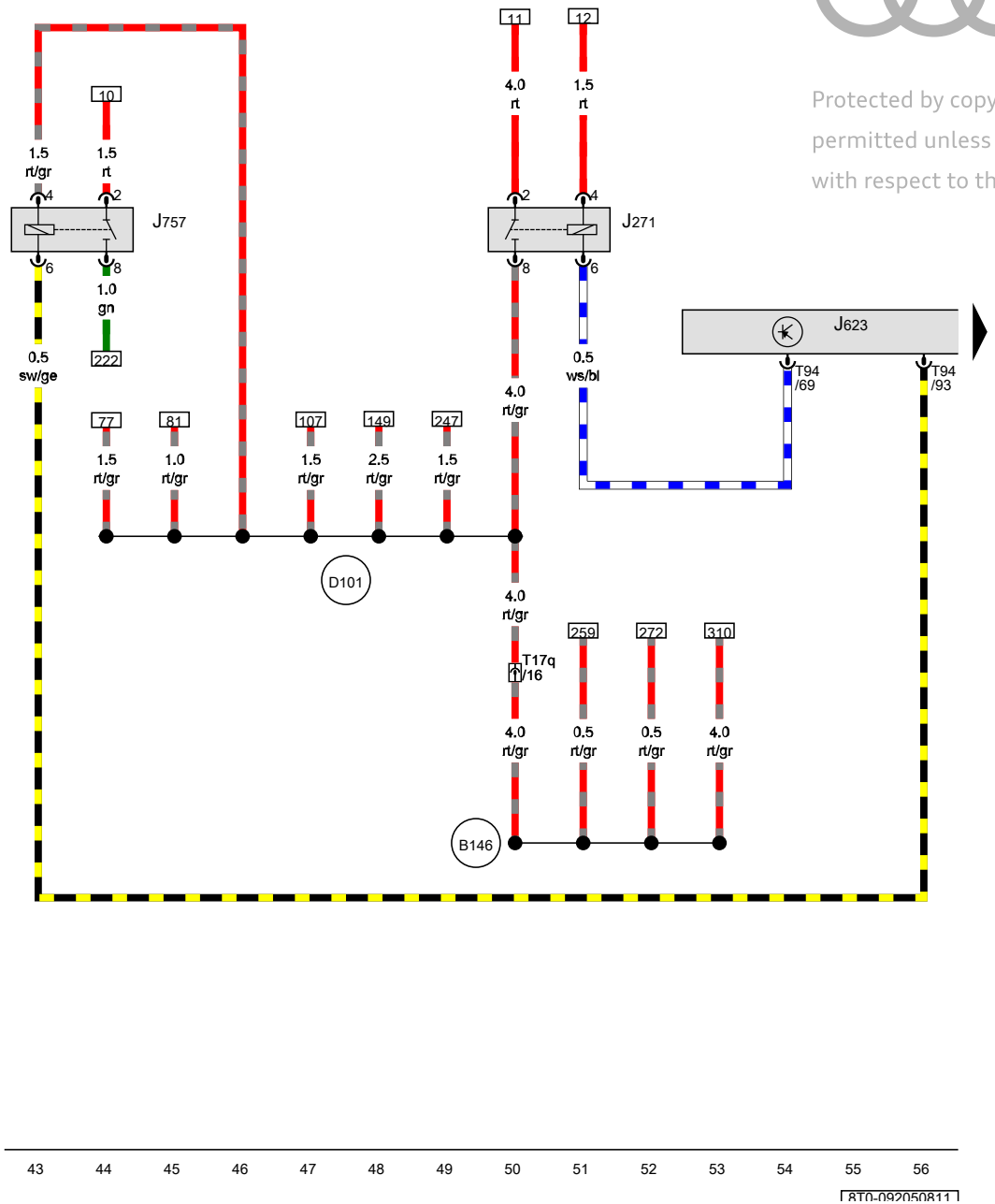


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Starter, Alternator, Voltage regulator, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
T17e	17-pin connector, red
T17r	17-pin connector, white
U6	Jump start socket
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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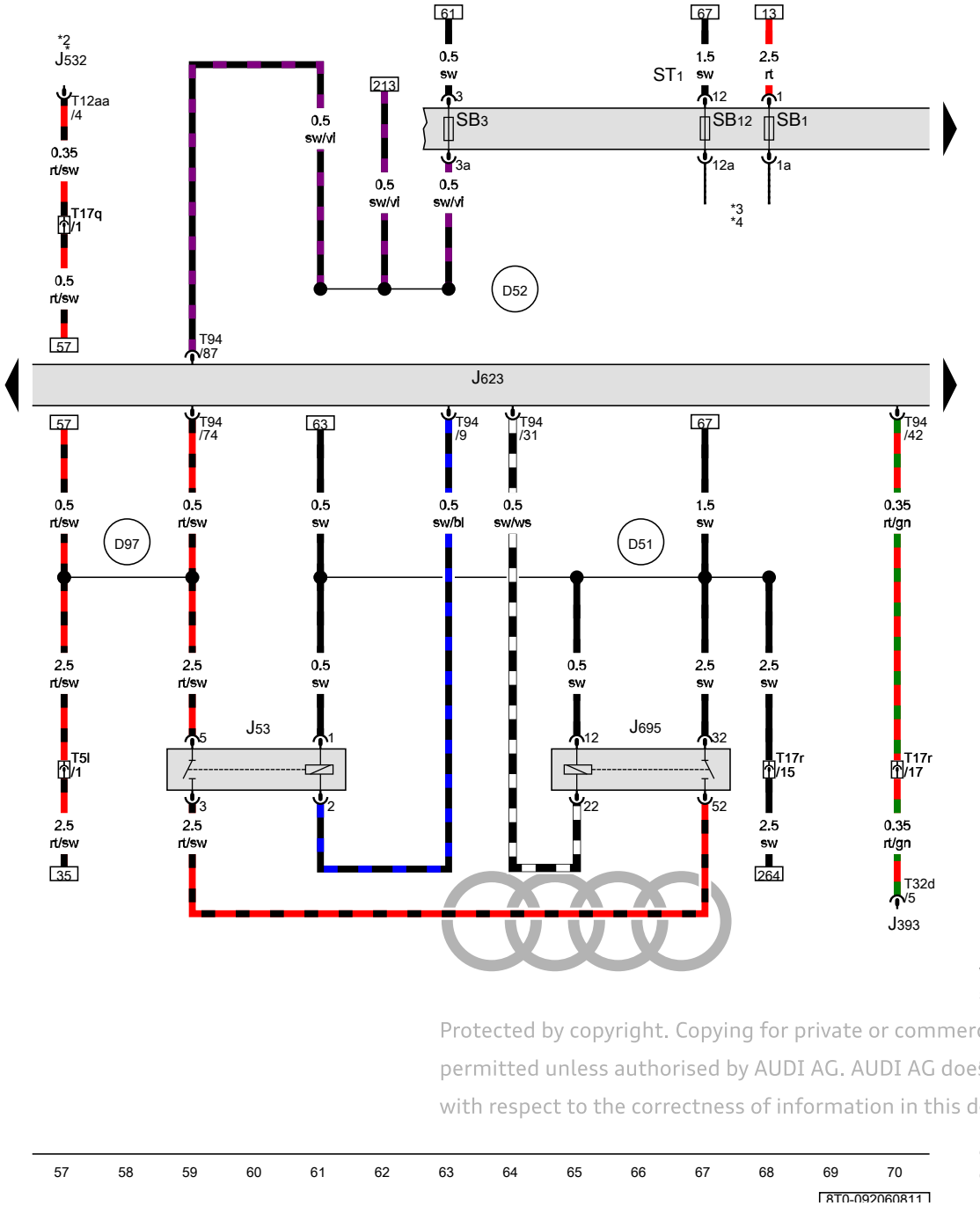


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Main relay, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness

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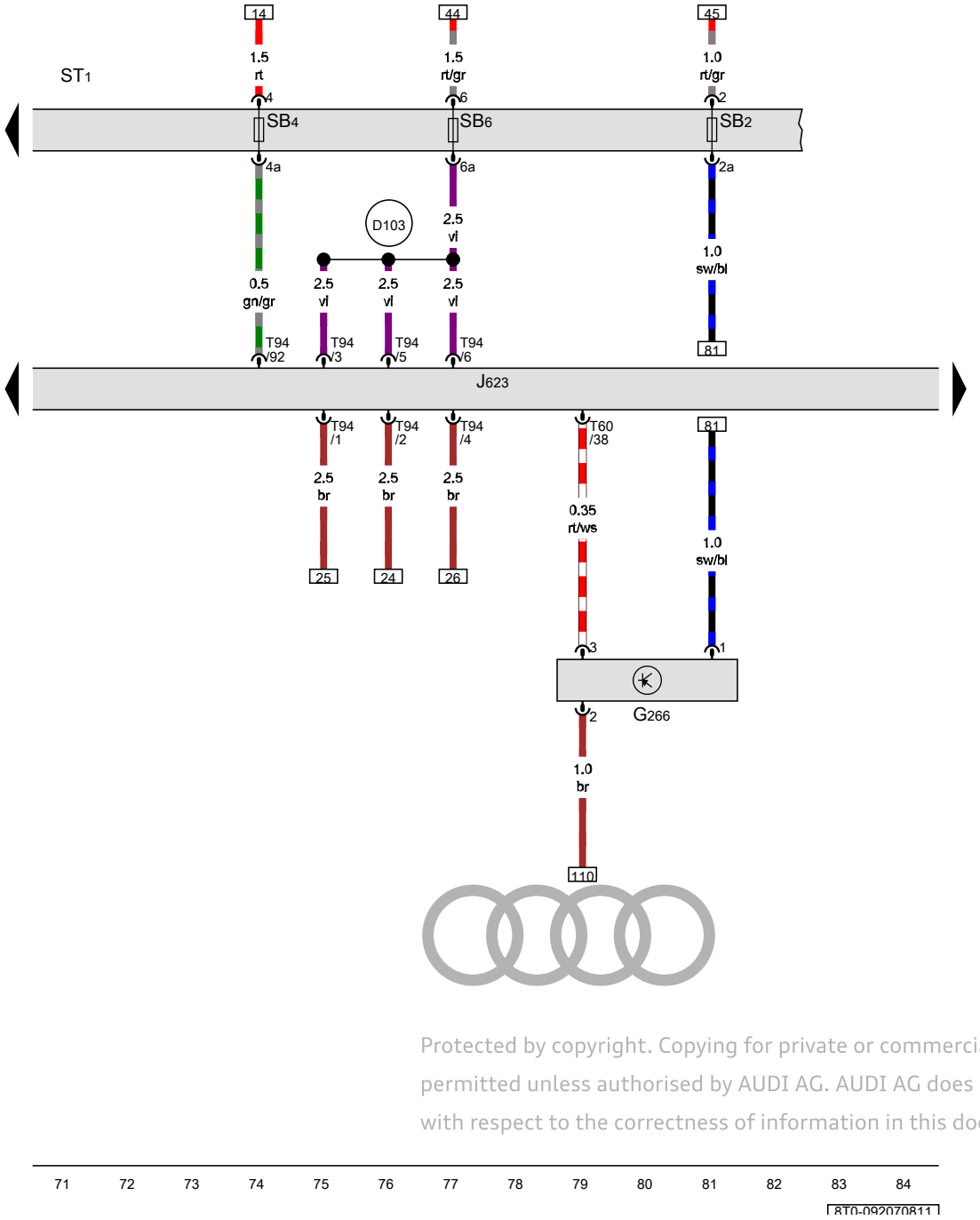


Starter motor relay, Starter motor relay 2, Fuse carrier 1

J53	Starter motor relay
J393	Convenience system central control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram
*2	Only models with stop/start system
*3	Only models with automatic gearbox
*4	see applicable current flow diagram for gearbox

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Oil level and oil temperature sender, Fuse carrier 1

G266	Oil level and oil temperature sender
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D103	Connection 3 in engine compartment wiring harness

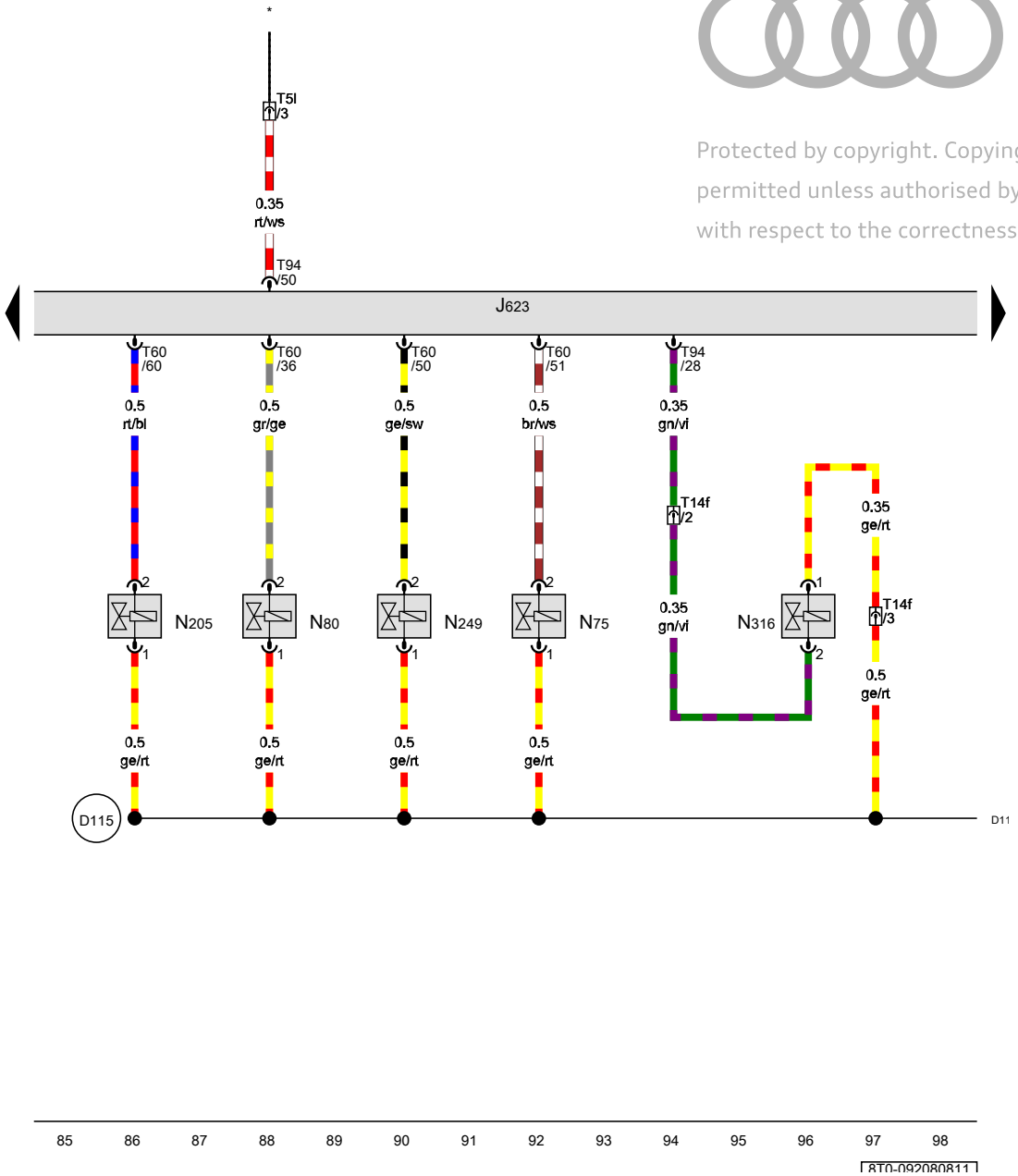
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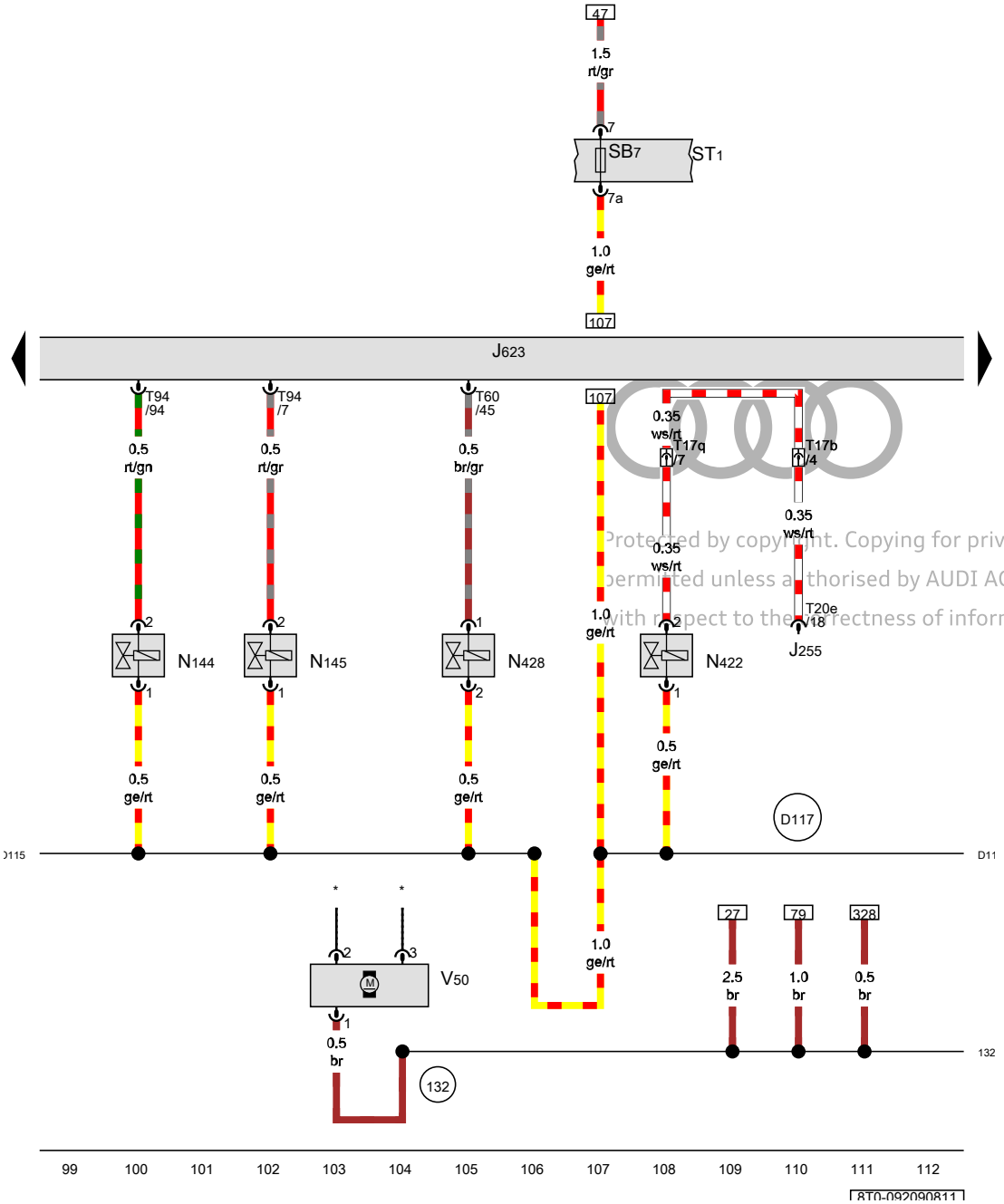
Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
T5l	5-pin connector
T14f	14-pin connector
T60	60-pin connector
T94	94-pin connector
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Climatronic coolant shut-off valve, Valve for oil pressure control

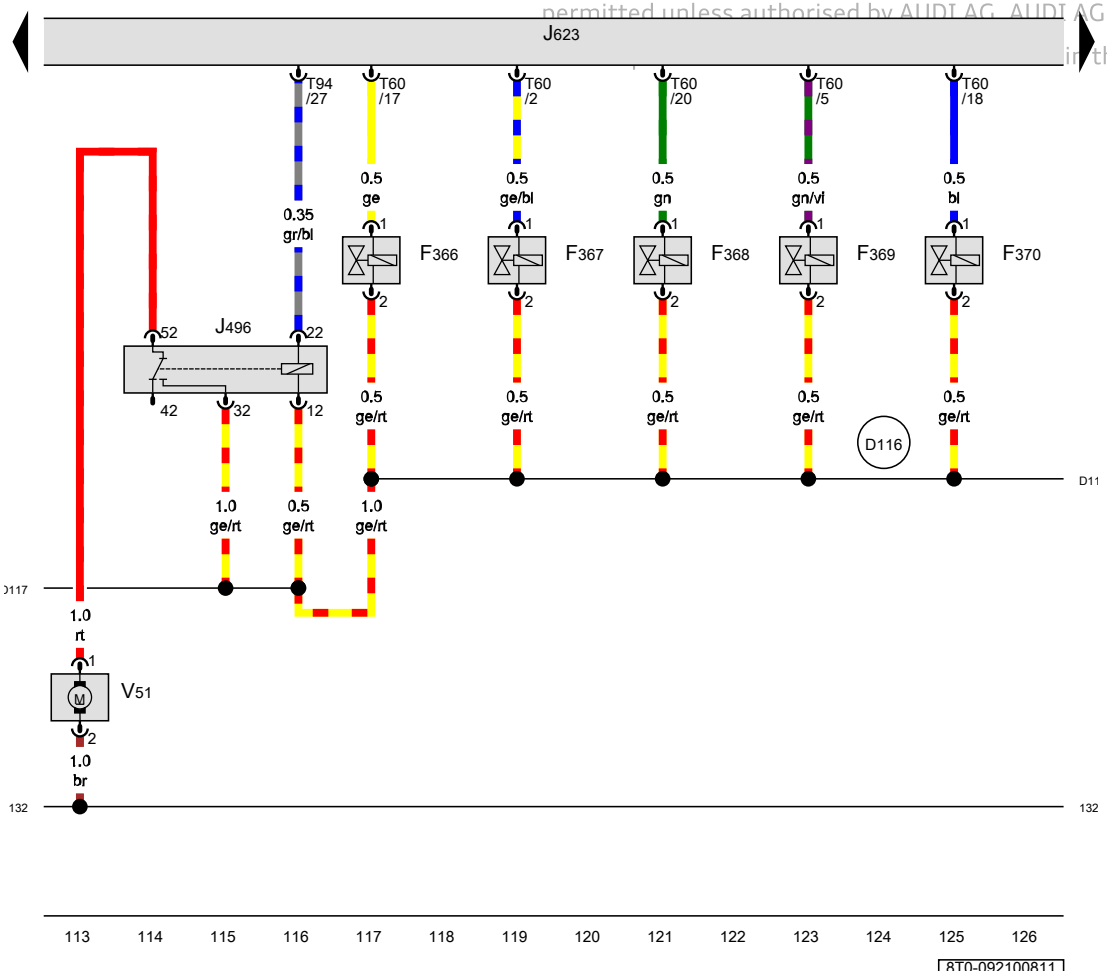
J255	Climatronic control unit
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N422	Climatronic coolant shut-off valve
N428	Valve for oil pressure control
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T17b	17-pin connector
T17q	17-pin connector
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	see applicable current flow diagram for air conditioning

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or	=	orange
rs	=	pink

Actuator 1 for camshaft adjustment, Continued coolant circulation pump

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
J496	Additional coolant pump relay
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
132	Earth connection 3, in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness

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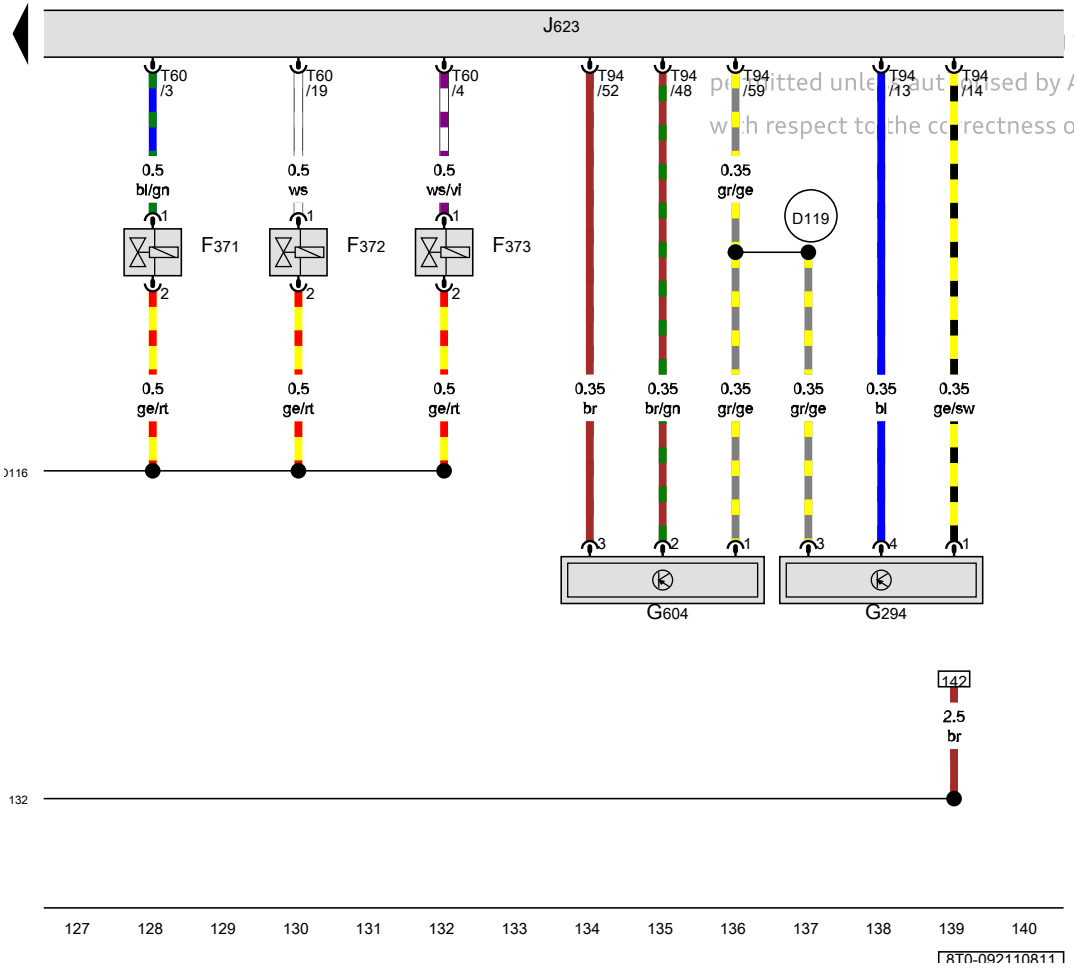


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Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Gear detection sensor

F371	Actuator 6 for camshaft adjustment
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
132	Earth connection 3, in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D119	Connection 17 in engine compartment wiring harness

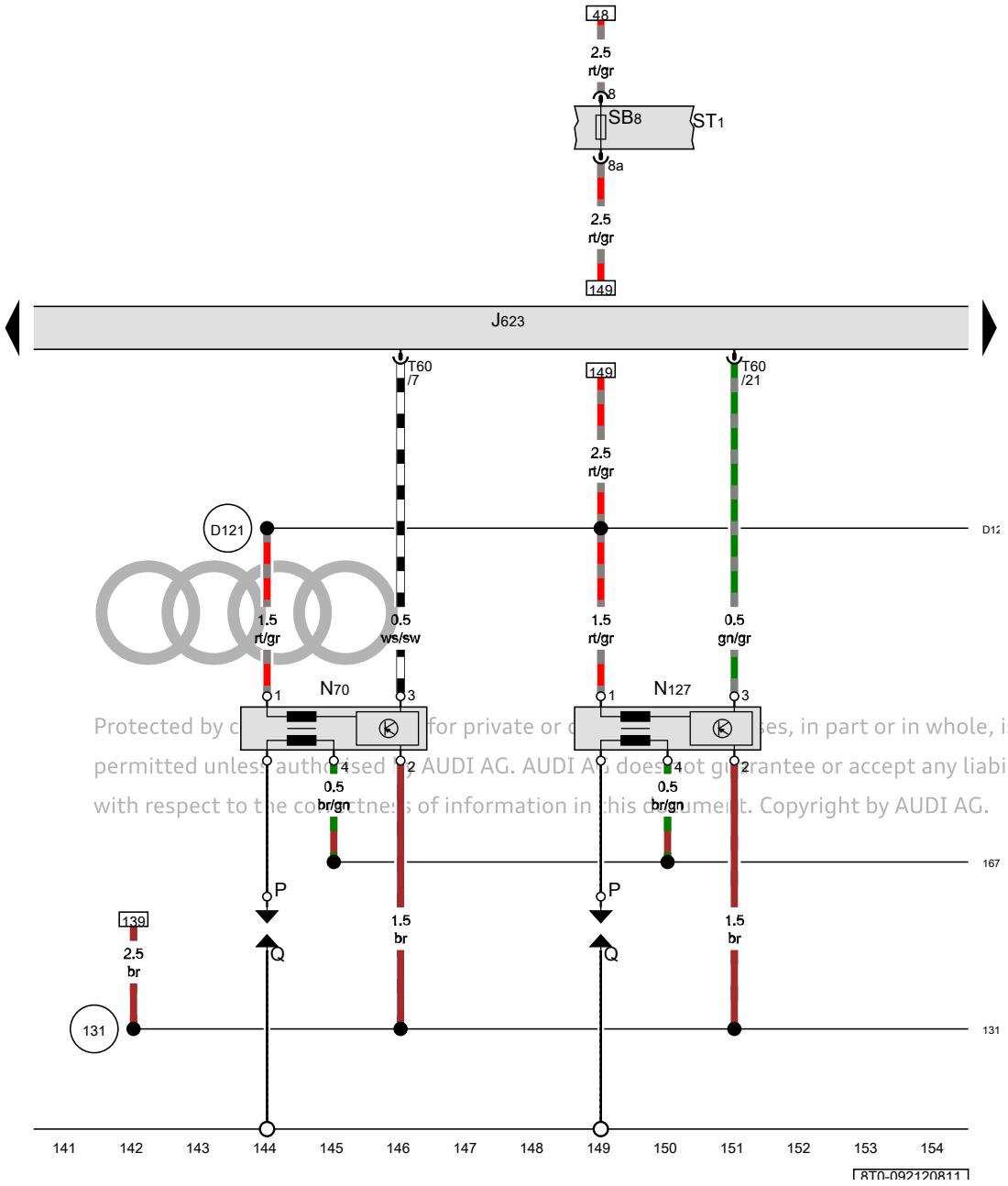
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Ignition coil 1 with output stage, Ignition coil 2 with output stage

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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

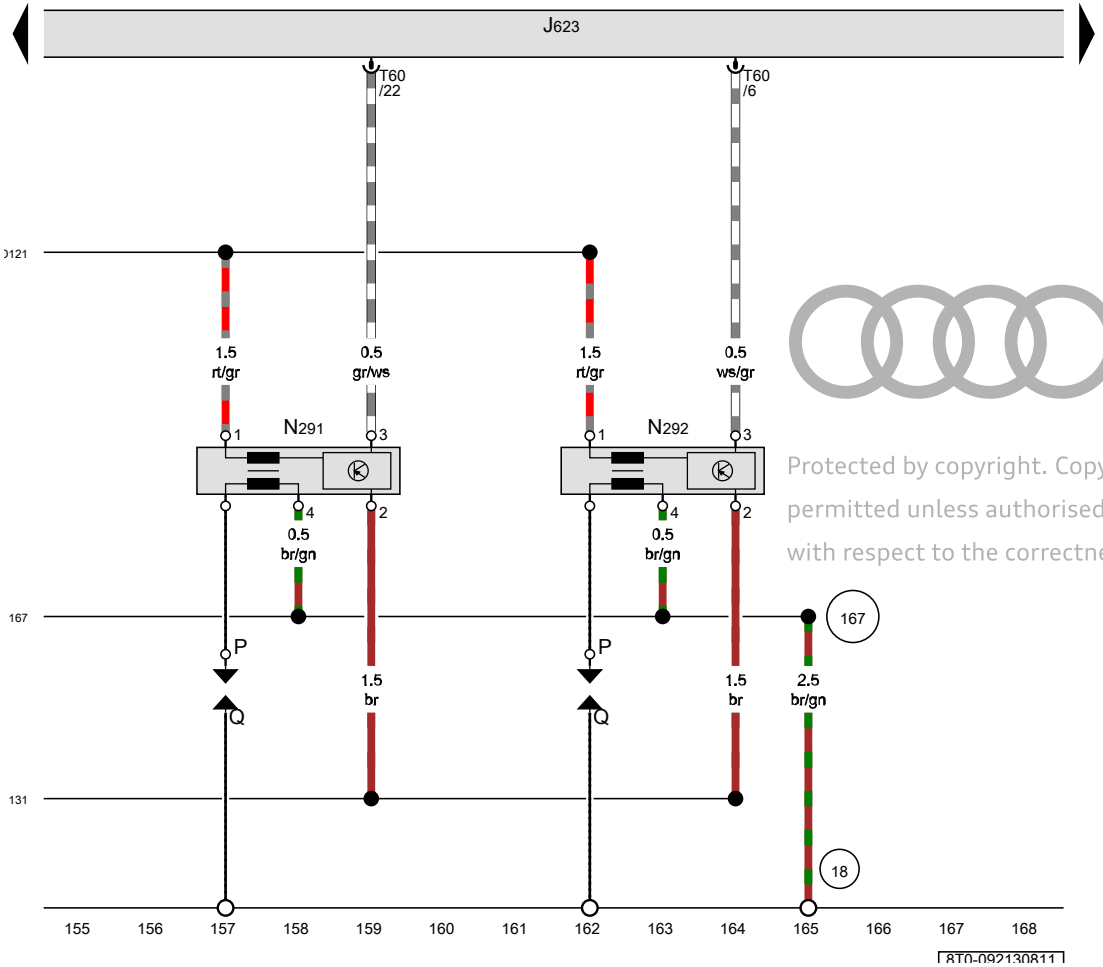


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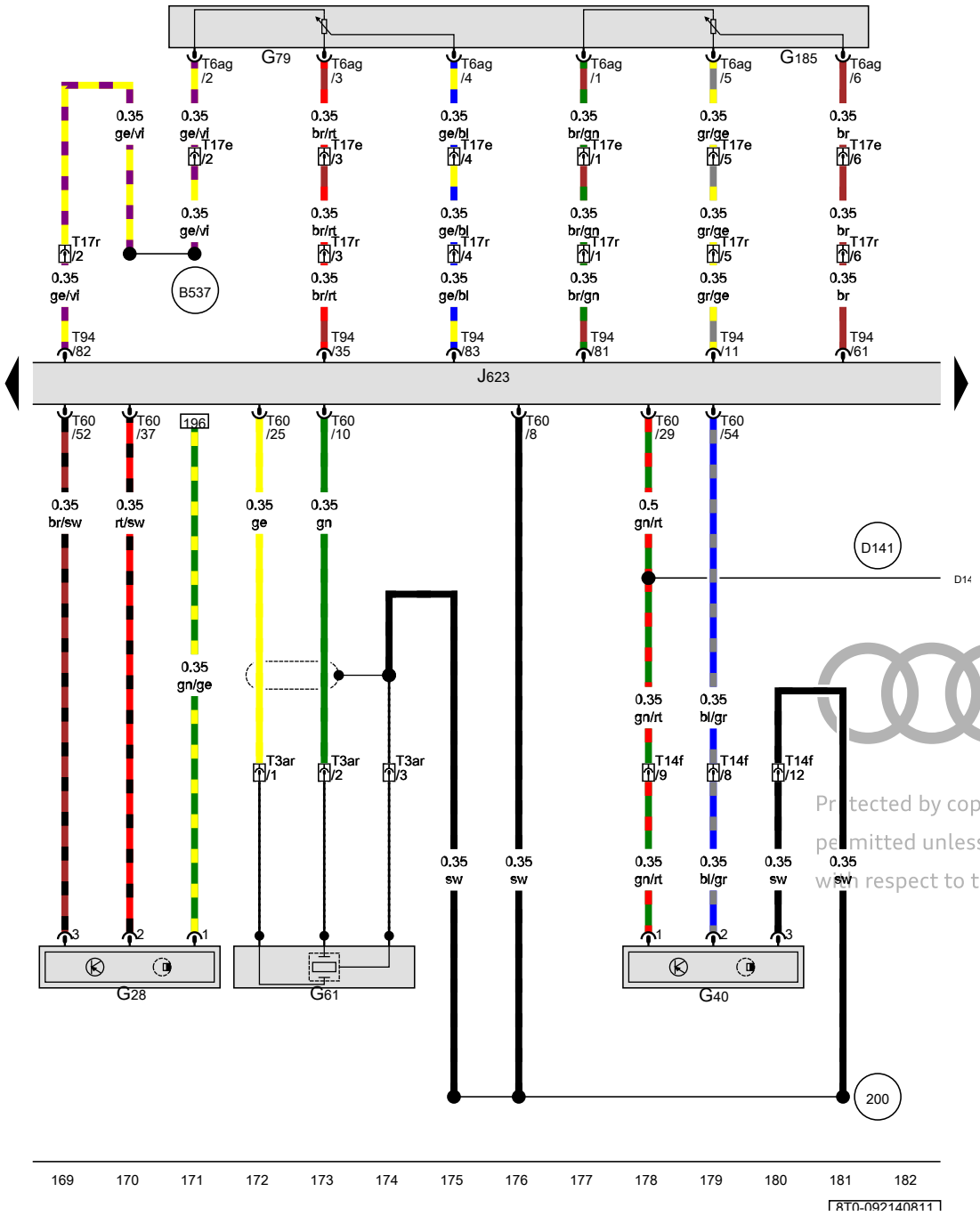
Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T60	60-pin connector
18	Earth point, on cylinder block
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness



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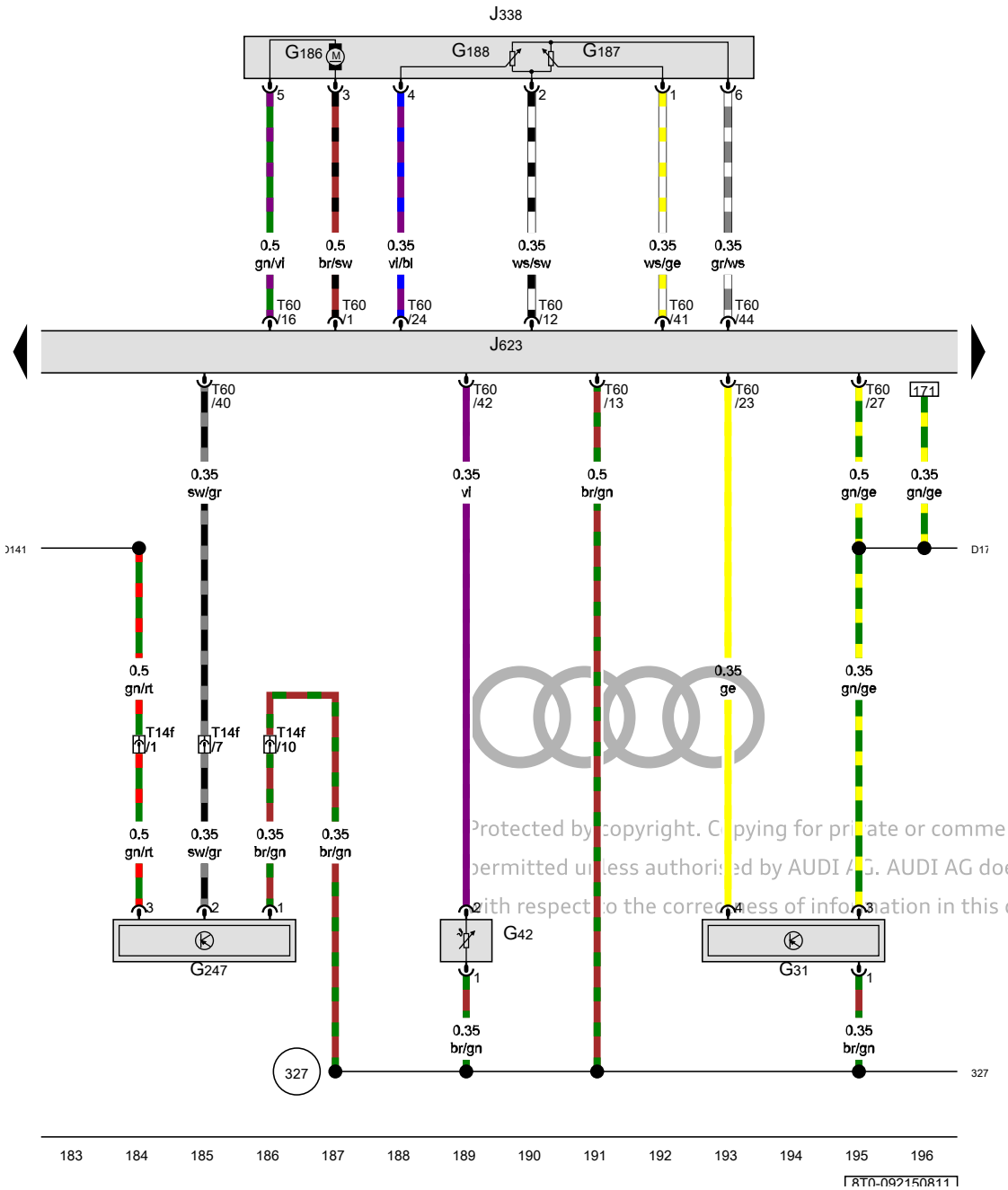


Engine speed sender, Hall sender, Accelerator position sender, Accelerator position sender 2

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor 1
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T3ar	3-pin connector, green
T6ag	6-pin connector
T14f	14-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
B537	Connection 28, in main wiring harness
D141	Connection (5V) in engine prewiring harness

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Fuel pressure sender, Throttle valve module

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
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-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

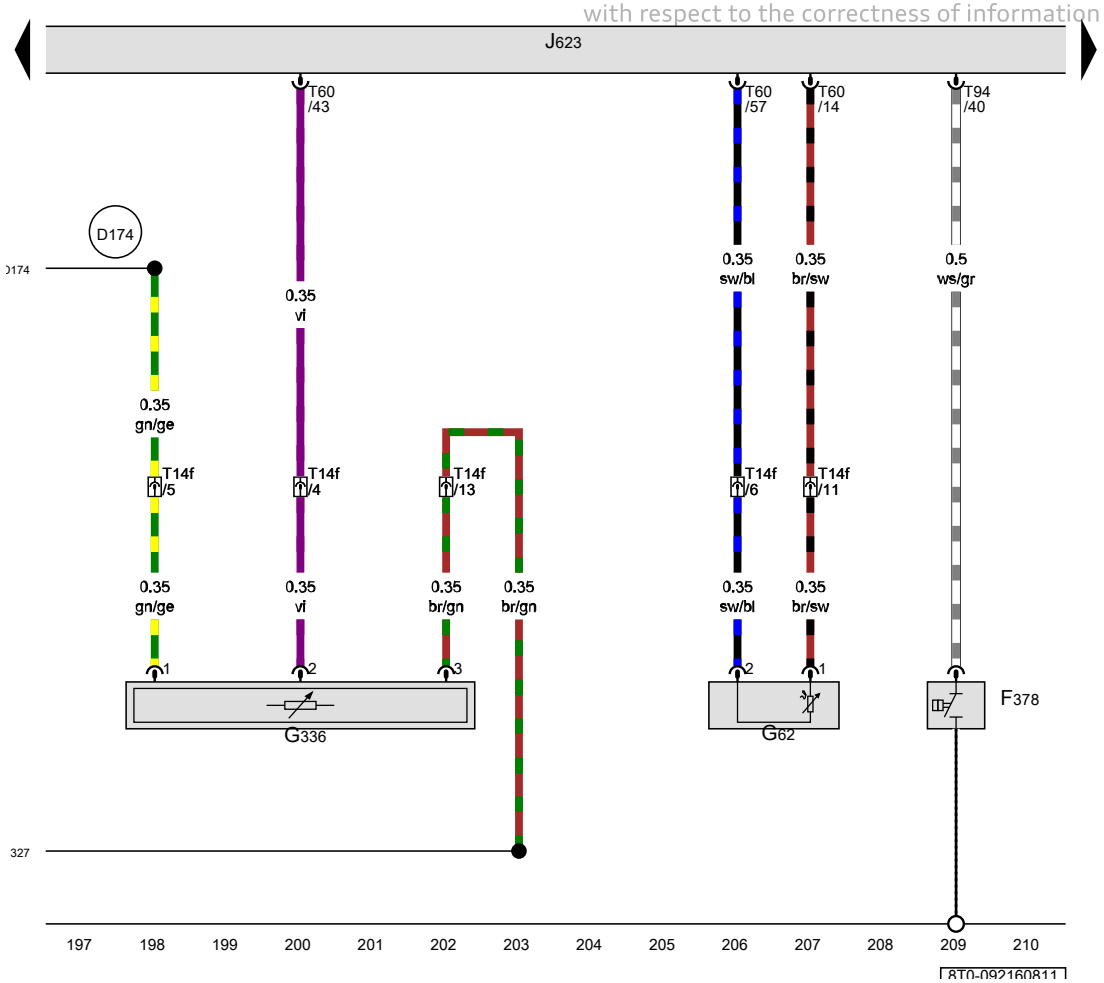
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Oil pressure switch for reduced oil pressure, Intake manifold flap potentiometer

F378	Oil pressure switch for reduced oil pressure
G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

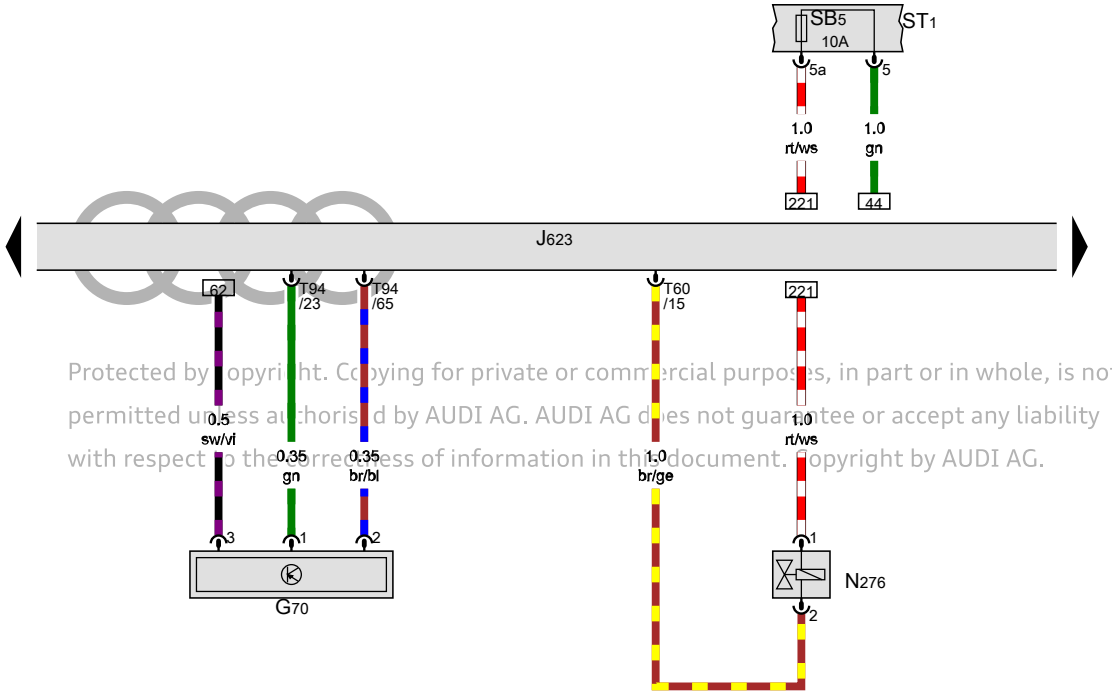
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rs	=	pink

Air mass meter, Fuel pressure regulating valve

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T60	60-pin connector
T94	94-pin connector



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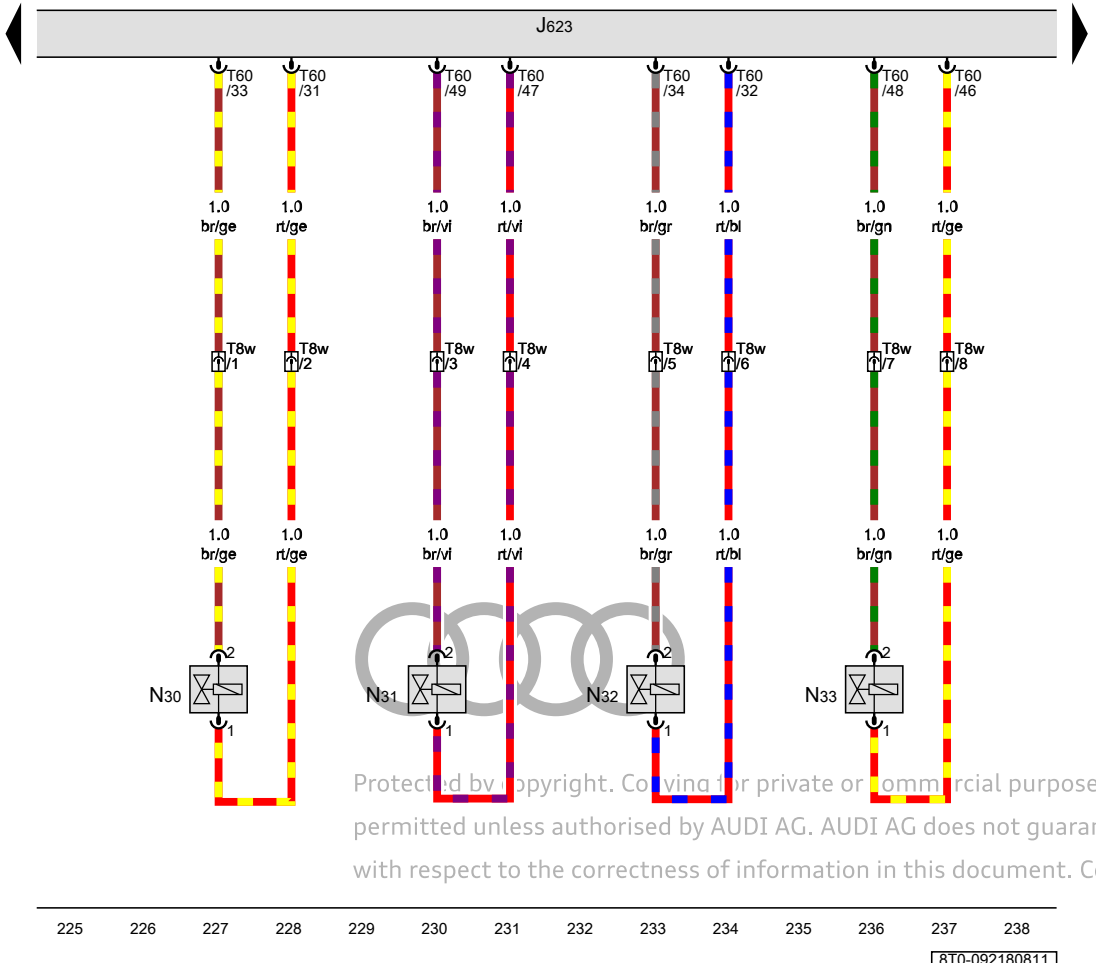
211 212 213 214 215 216 217 218 219 220 221 222 223 224

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Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T60	60-pin connector

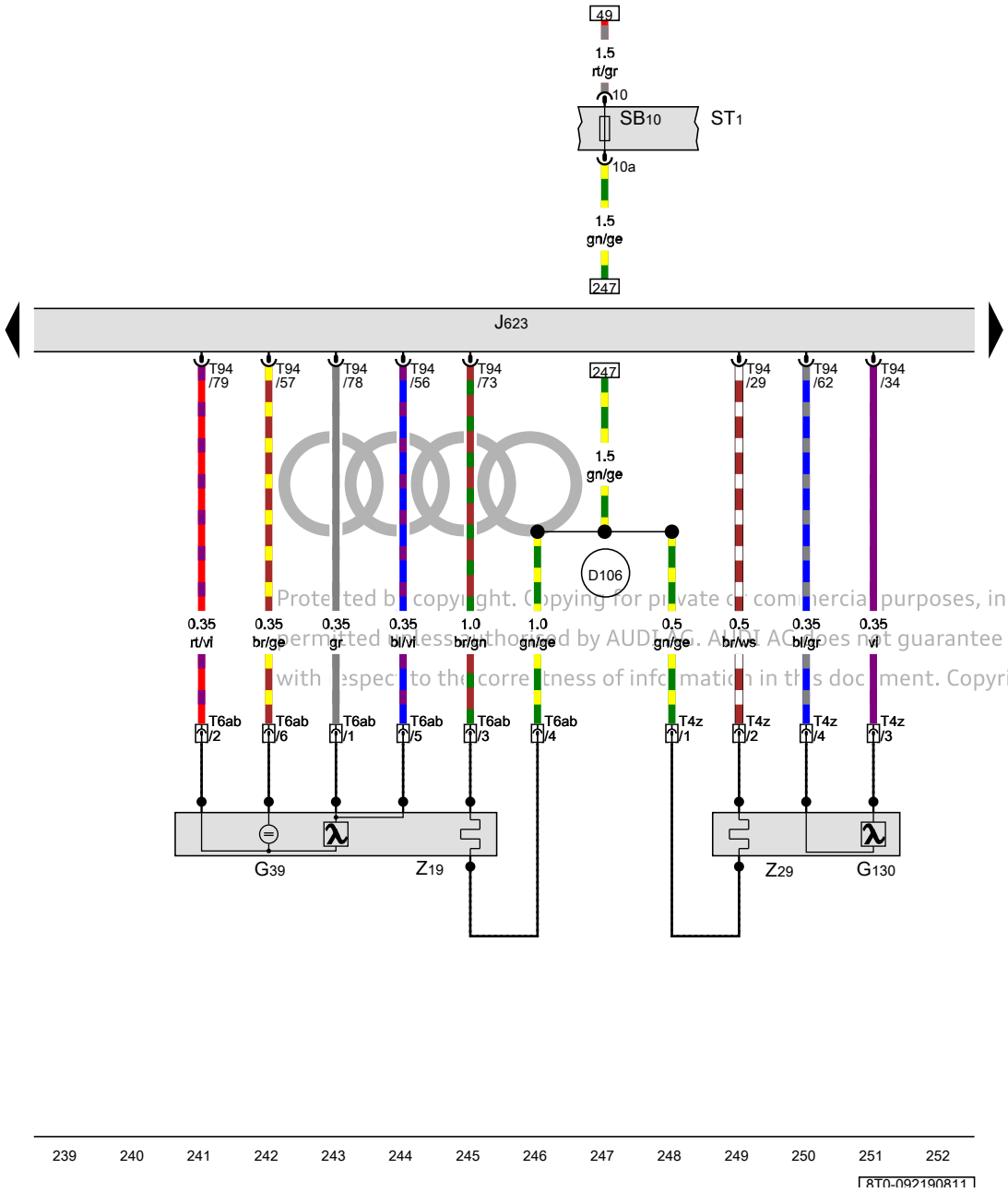


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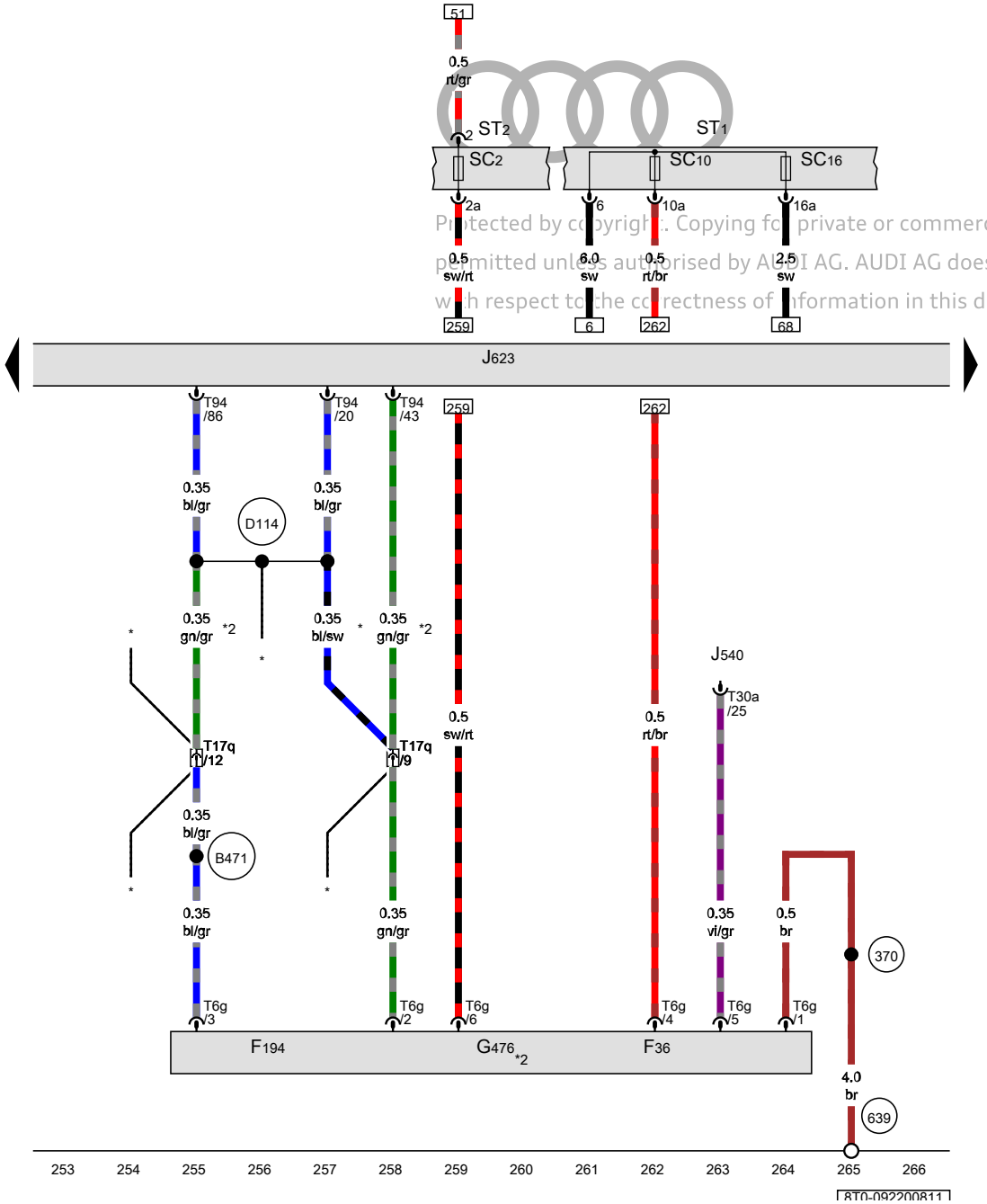
Lambda probe, Lambda probe after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4z	4-pin connector, brown
T6ab	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness



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Clutch position sender

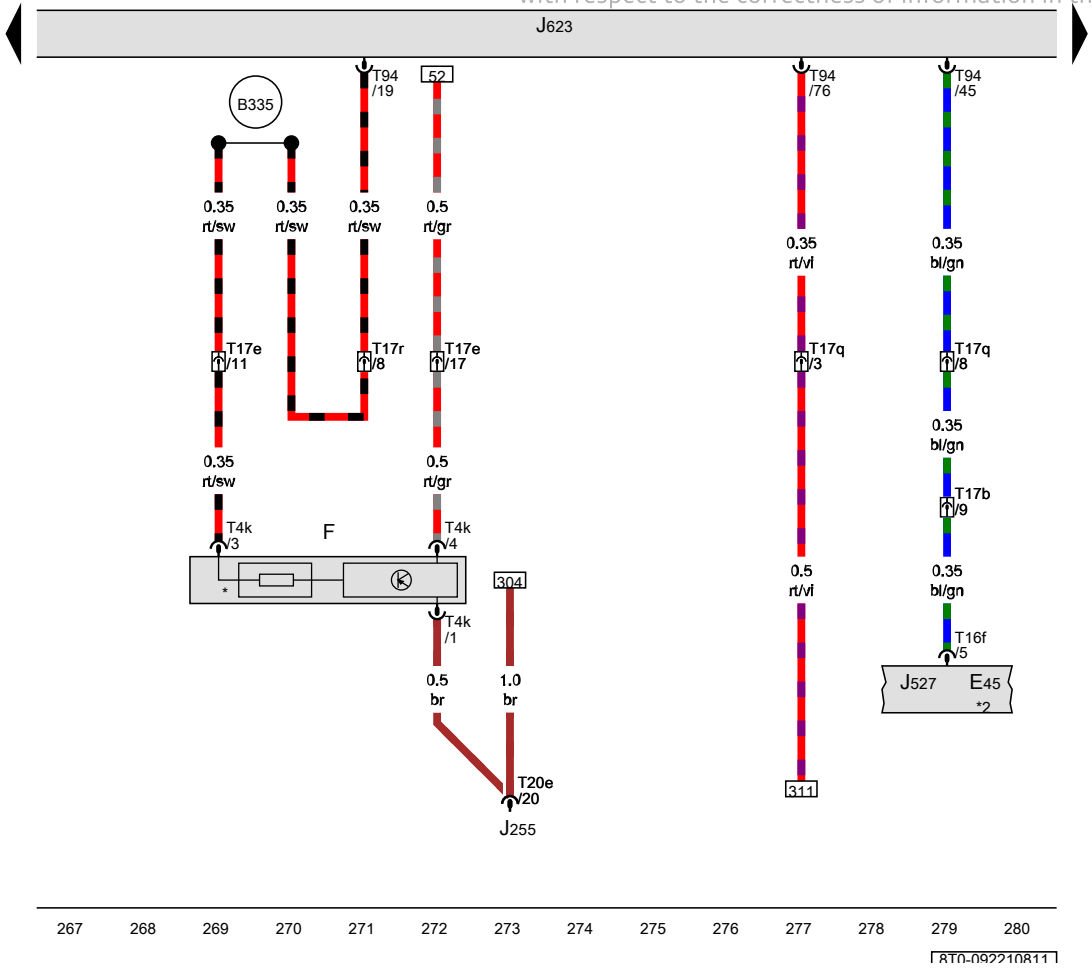
F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with manual gearbox

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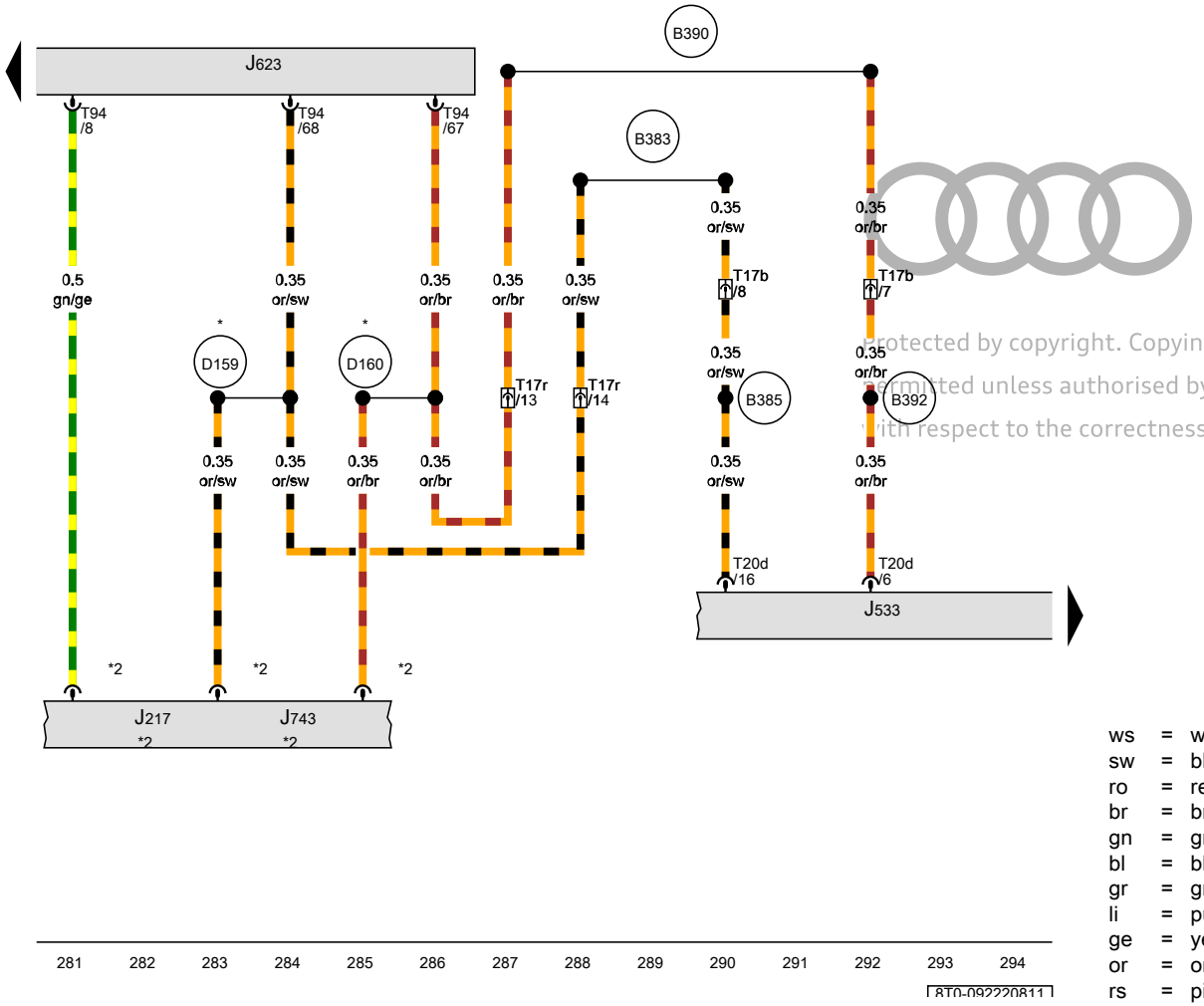
Brake light switch, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

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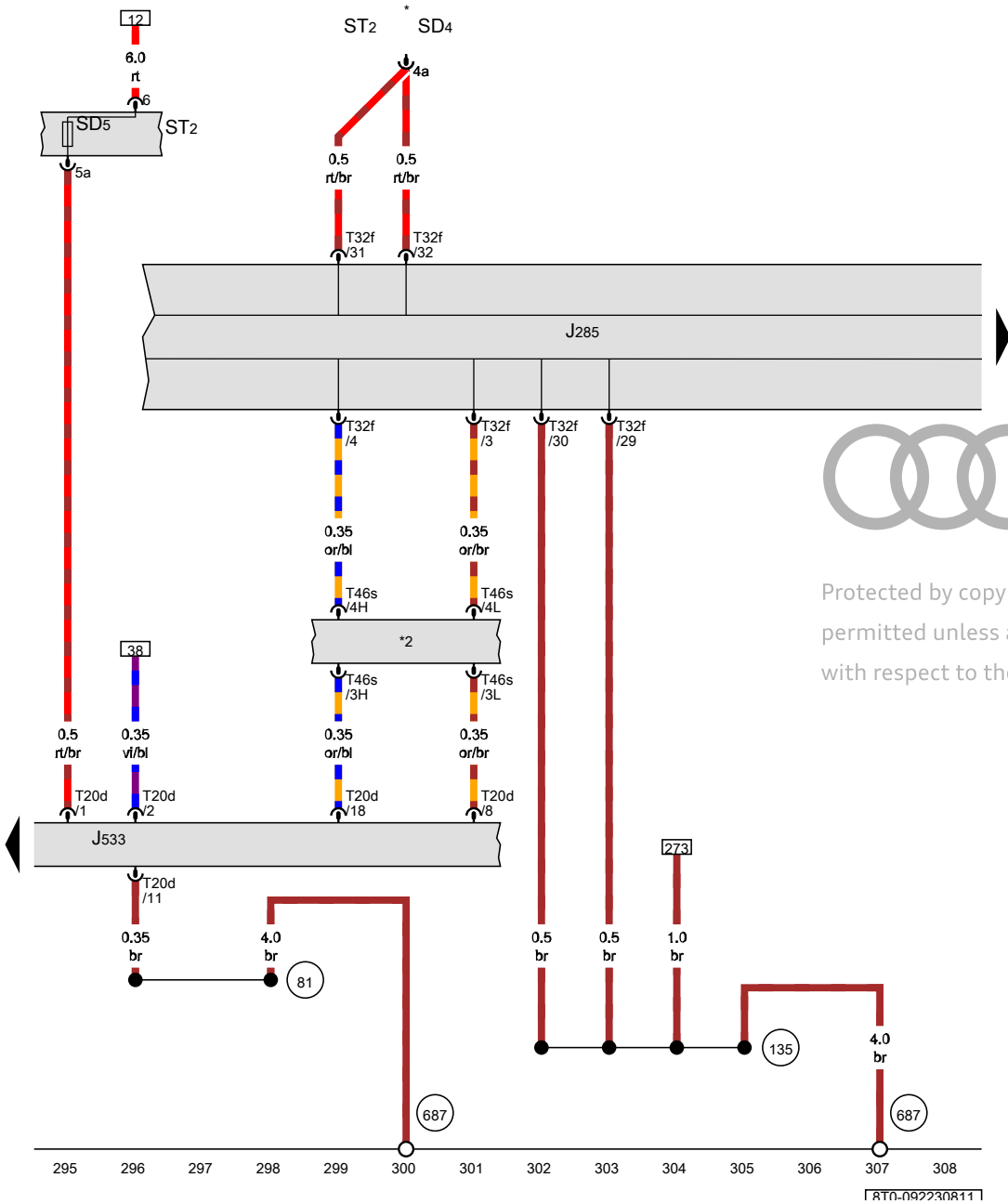


Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

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Control unit in dash panel insert, Data bus diagnostic interface

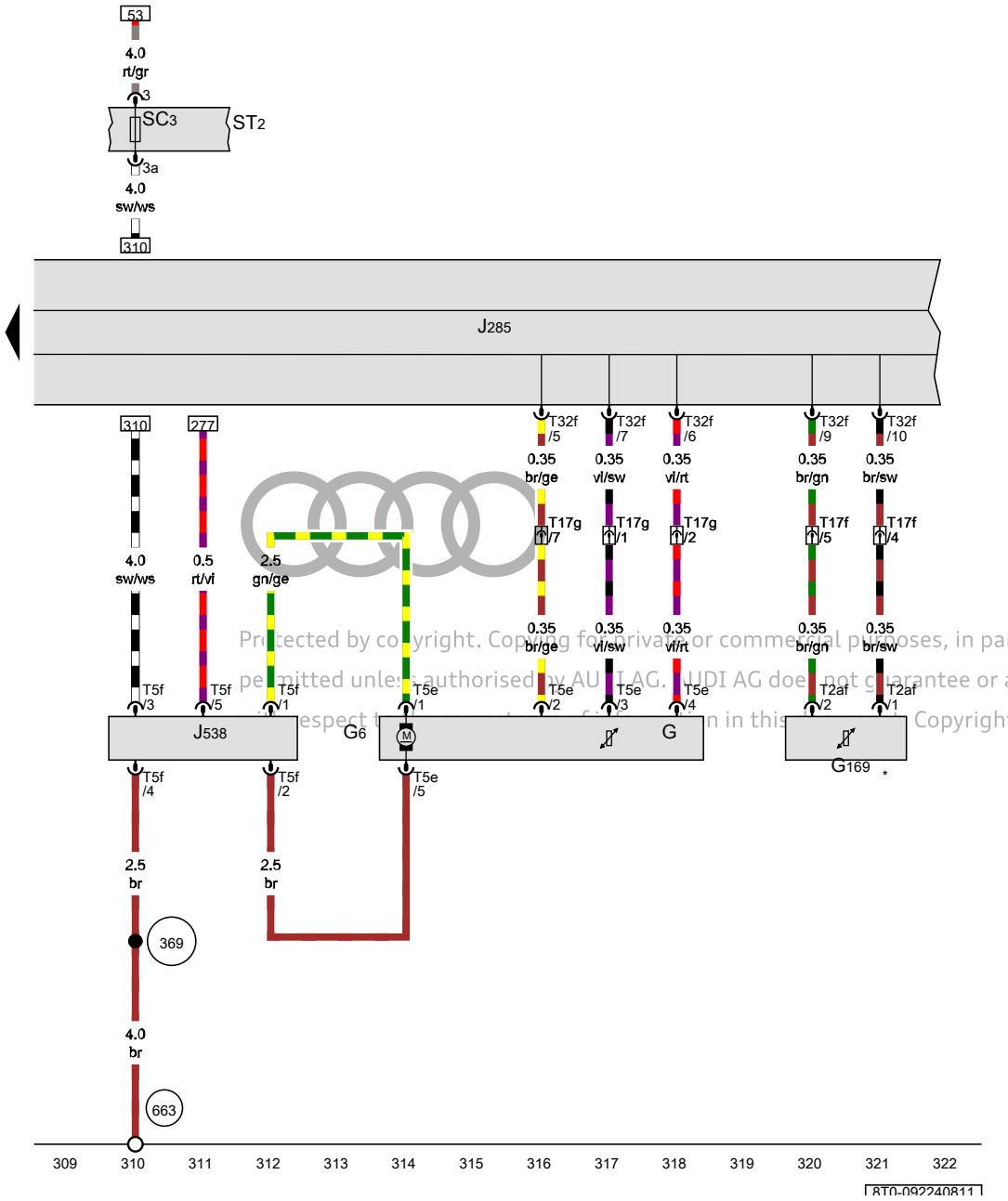
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram

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Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

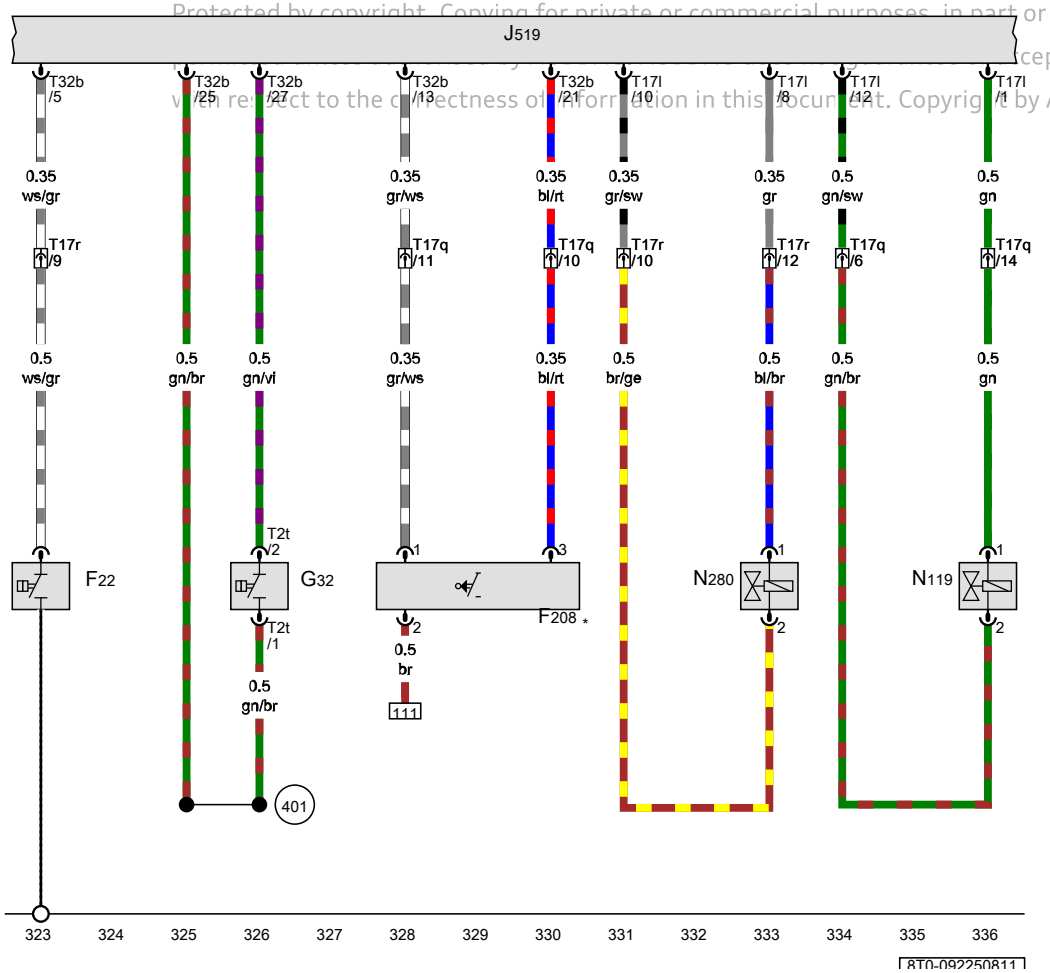
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive



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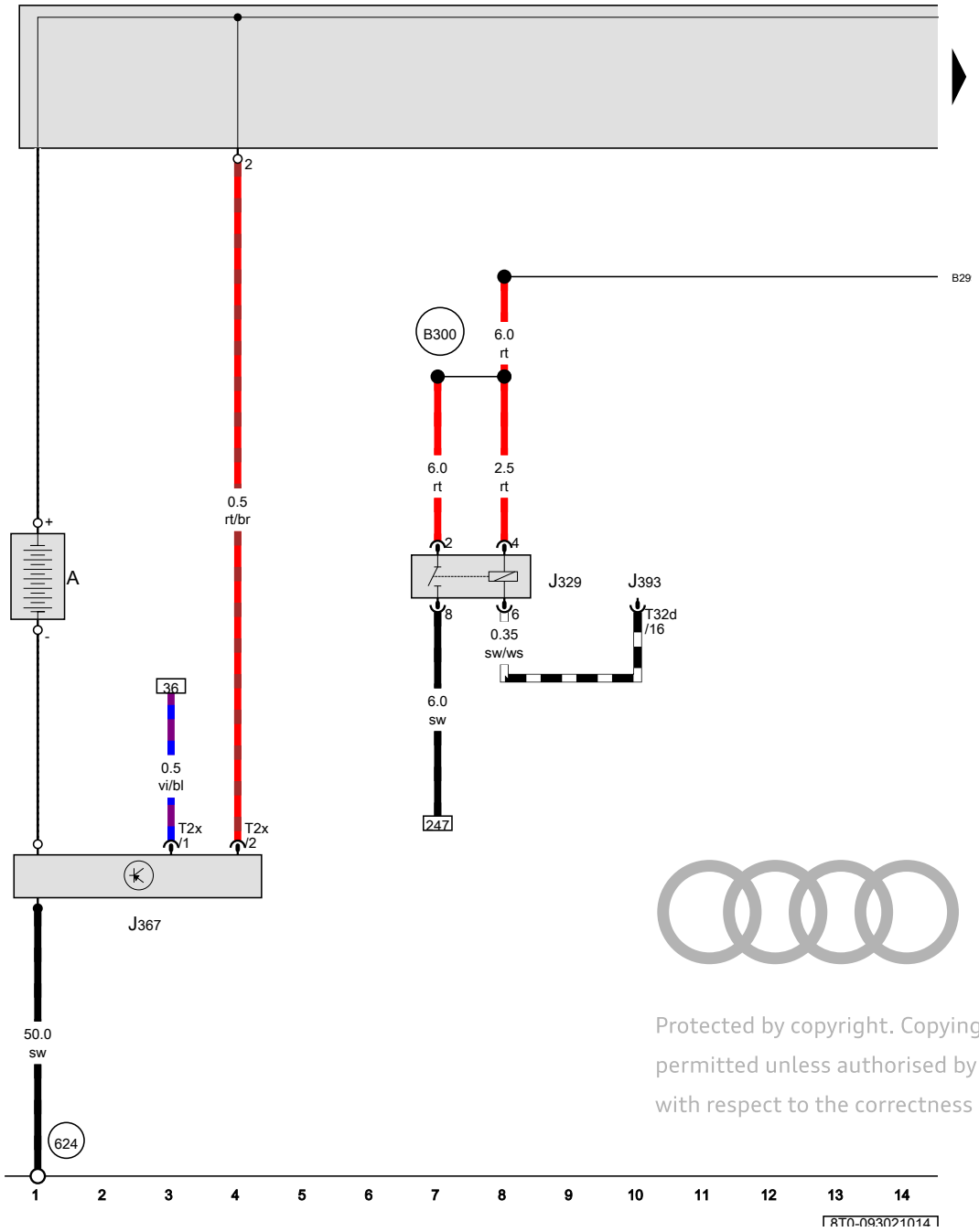
Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector
T17r	17-pin connector
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox

2.0l diesel engine with start/stop system , CAGA,CAGB,CAHA,CAHB

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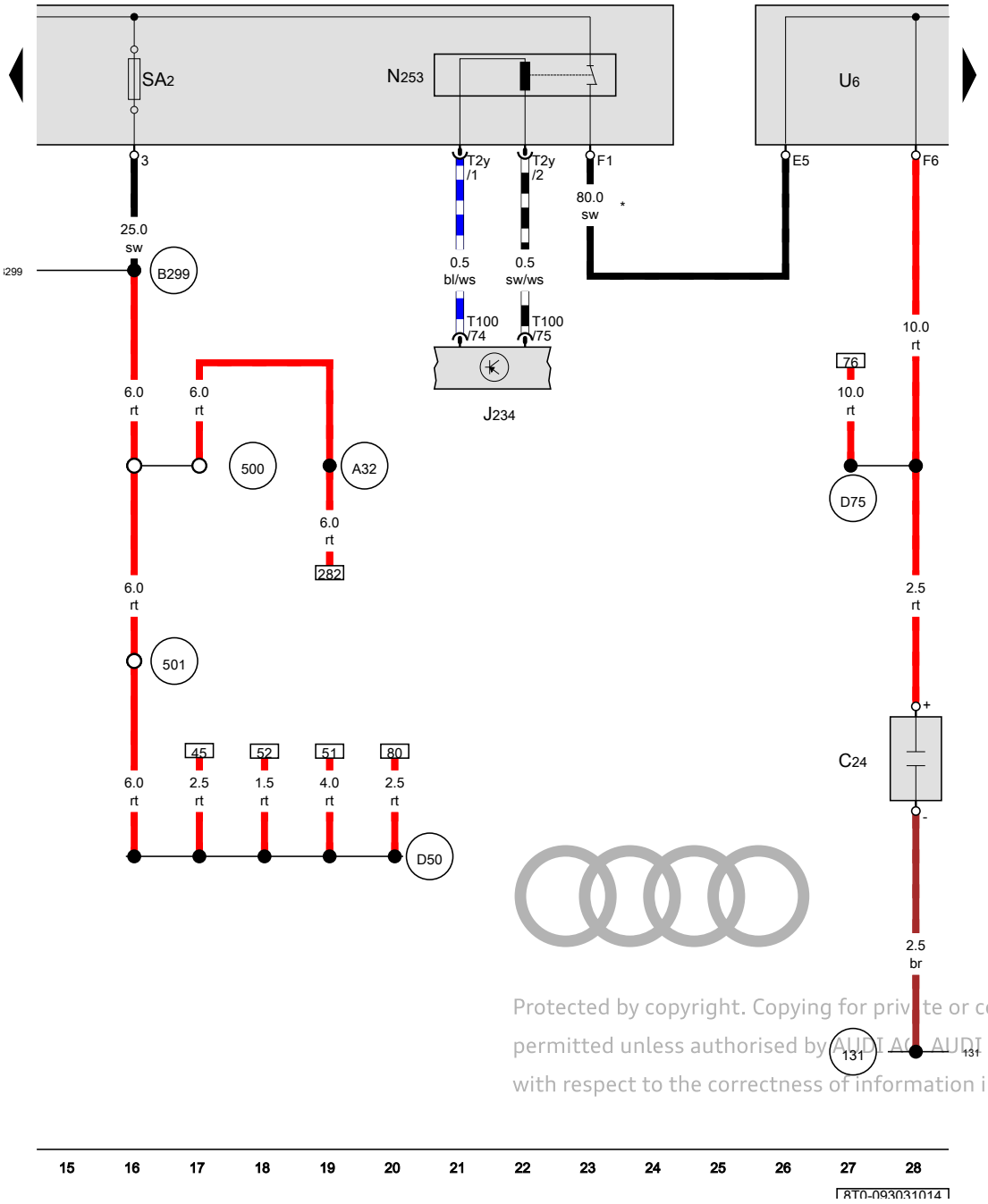


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness

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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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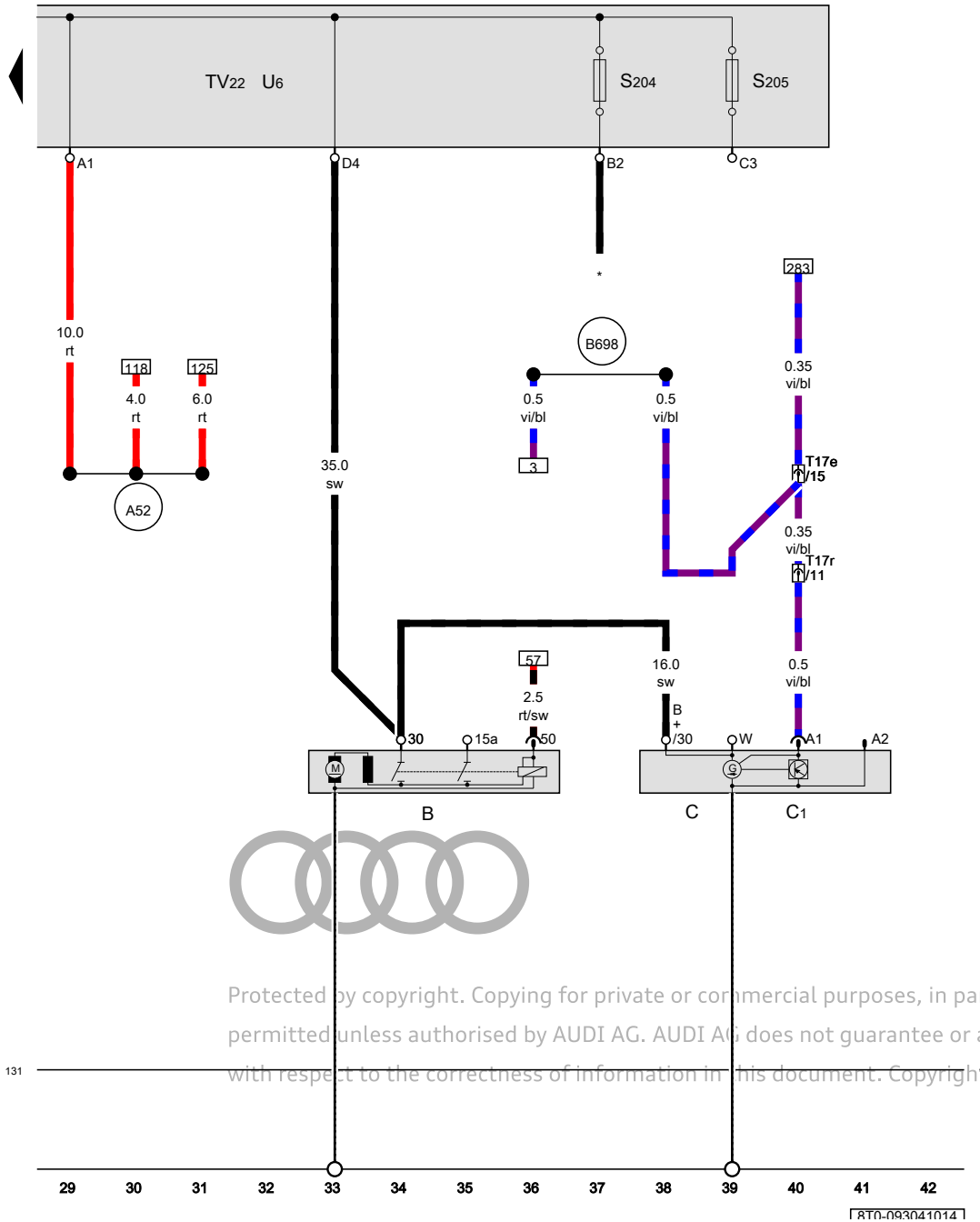


Battery isolation igniter, Jump start socket

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	Cross section depends on equipment

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ro	=	red
rt	=	red
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gn	=	green
bl	=	blue
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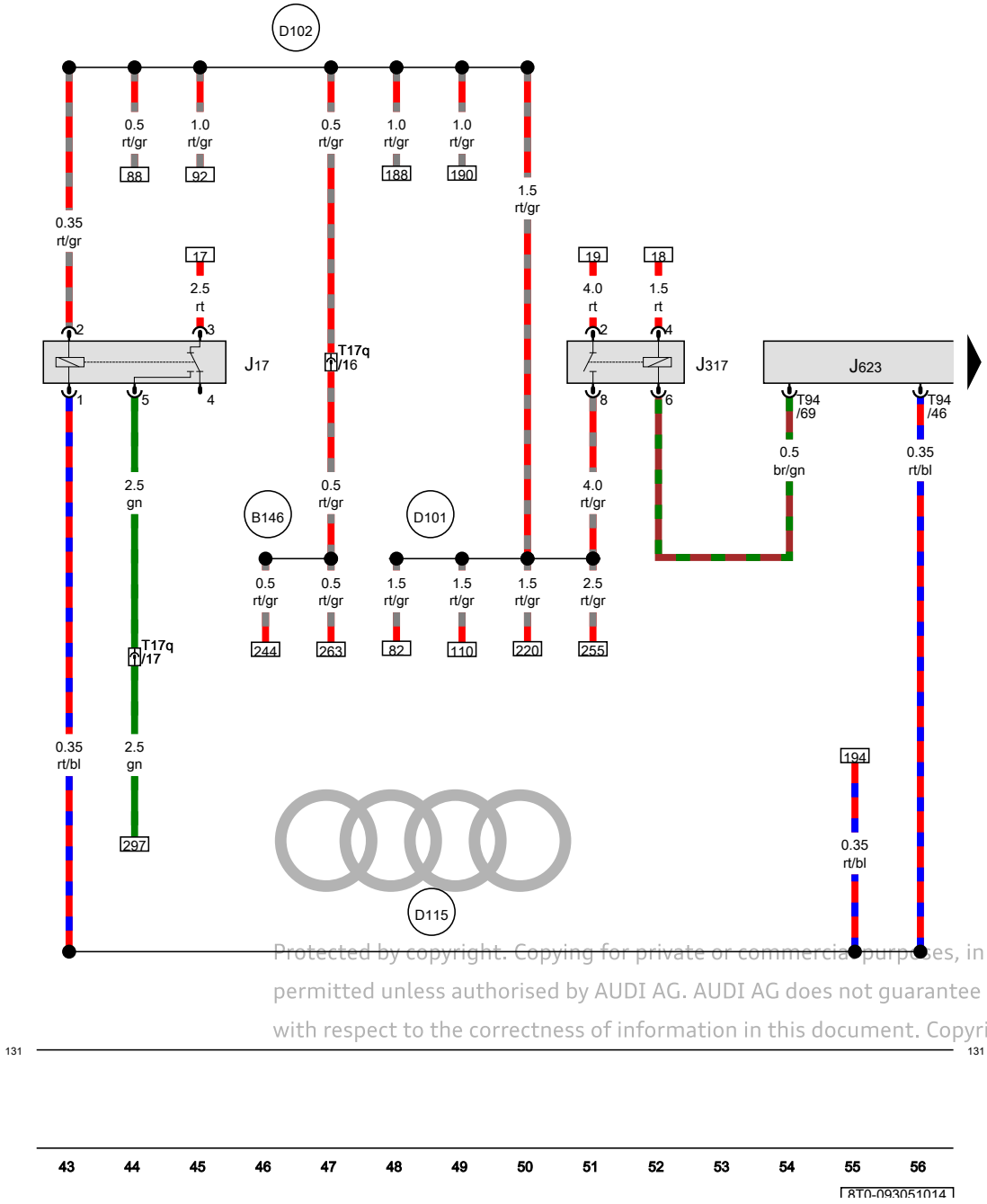


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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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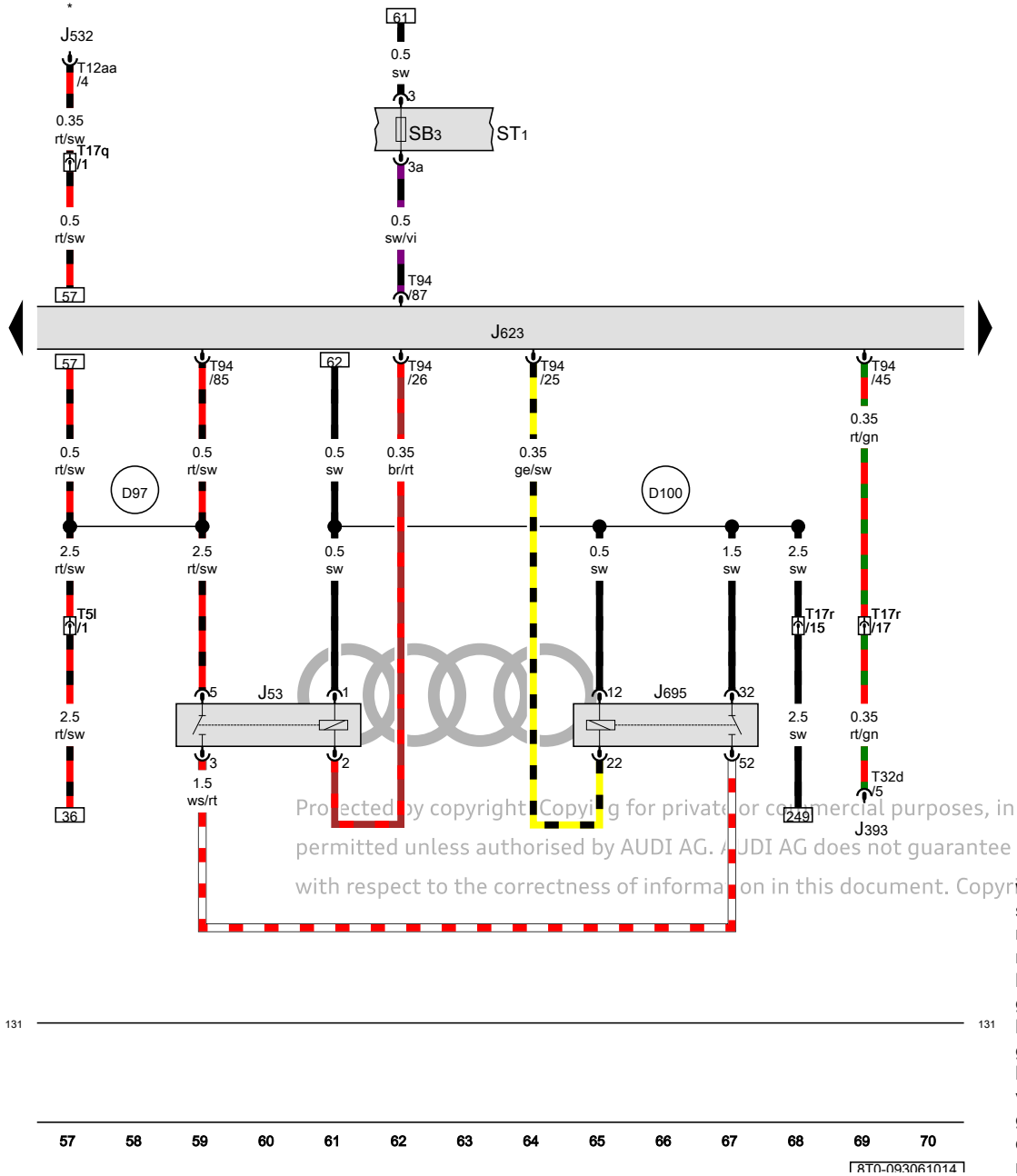
Fuel pump relay, Terminal 30 voltage supply relay, Engine control unit

J17	Fuel pump relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness

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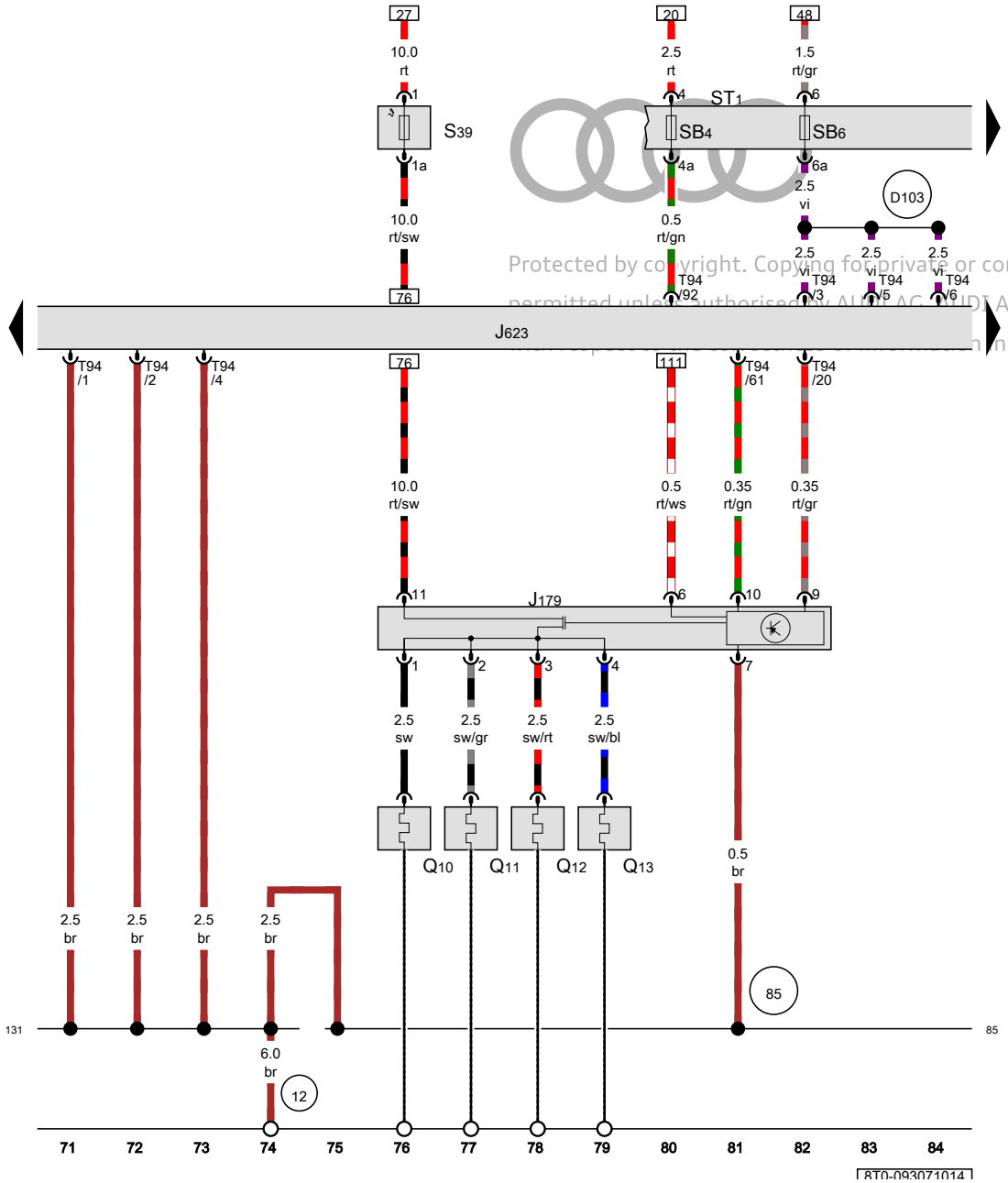
Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D100	Positive connection 2 (15), in engine compartment wiring harness
*	Only models with start/stop system



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Automatic glow period control unit, Engine control unit

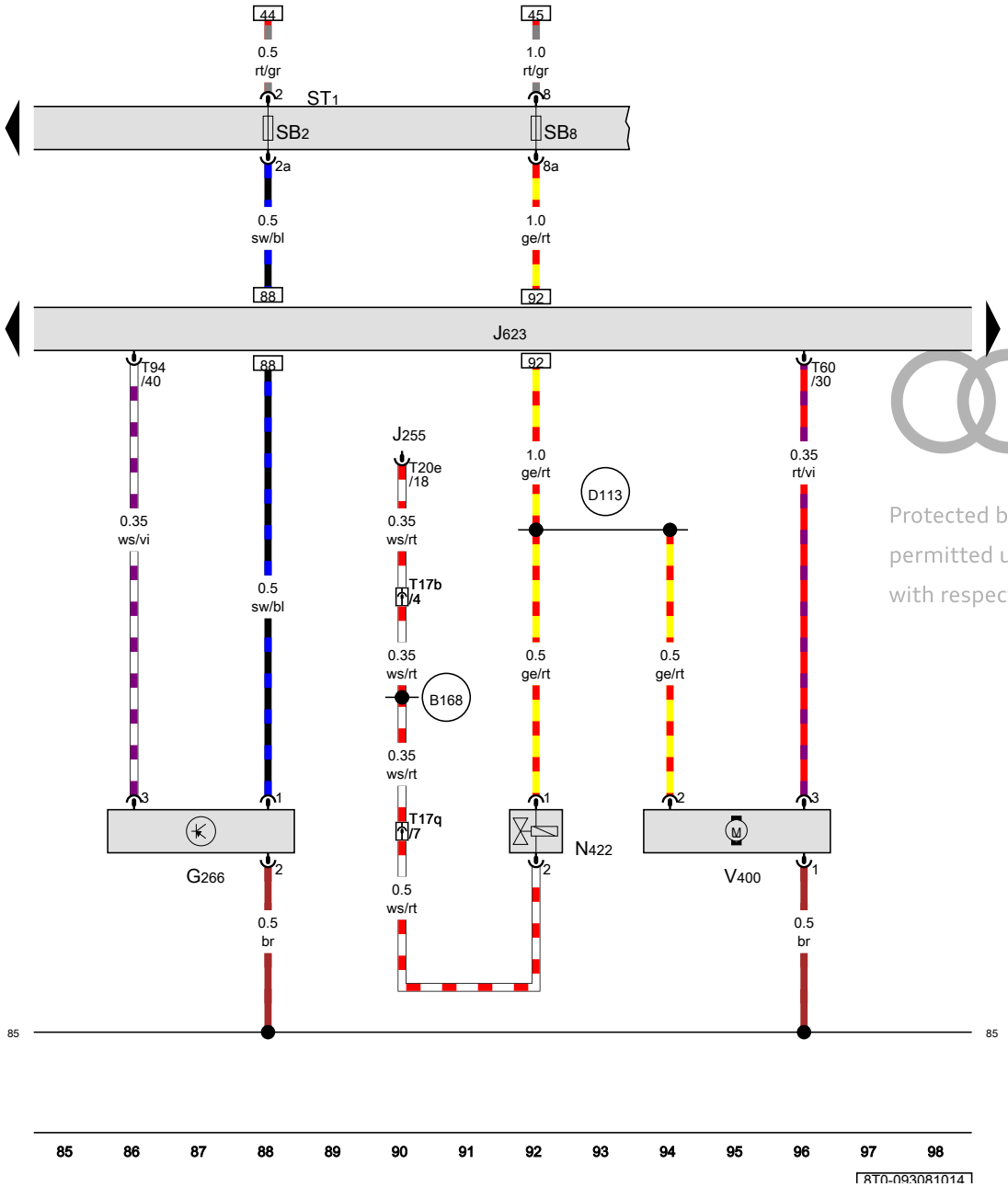
J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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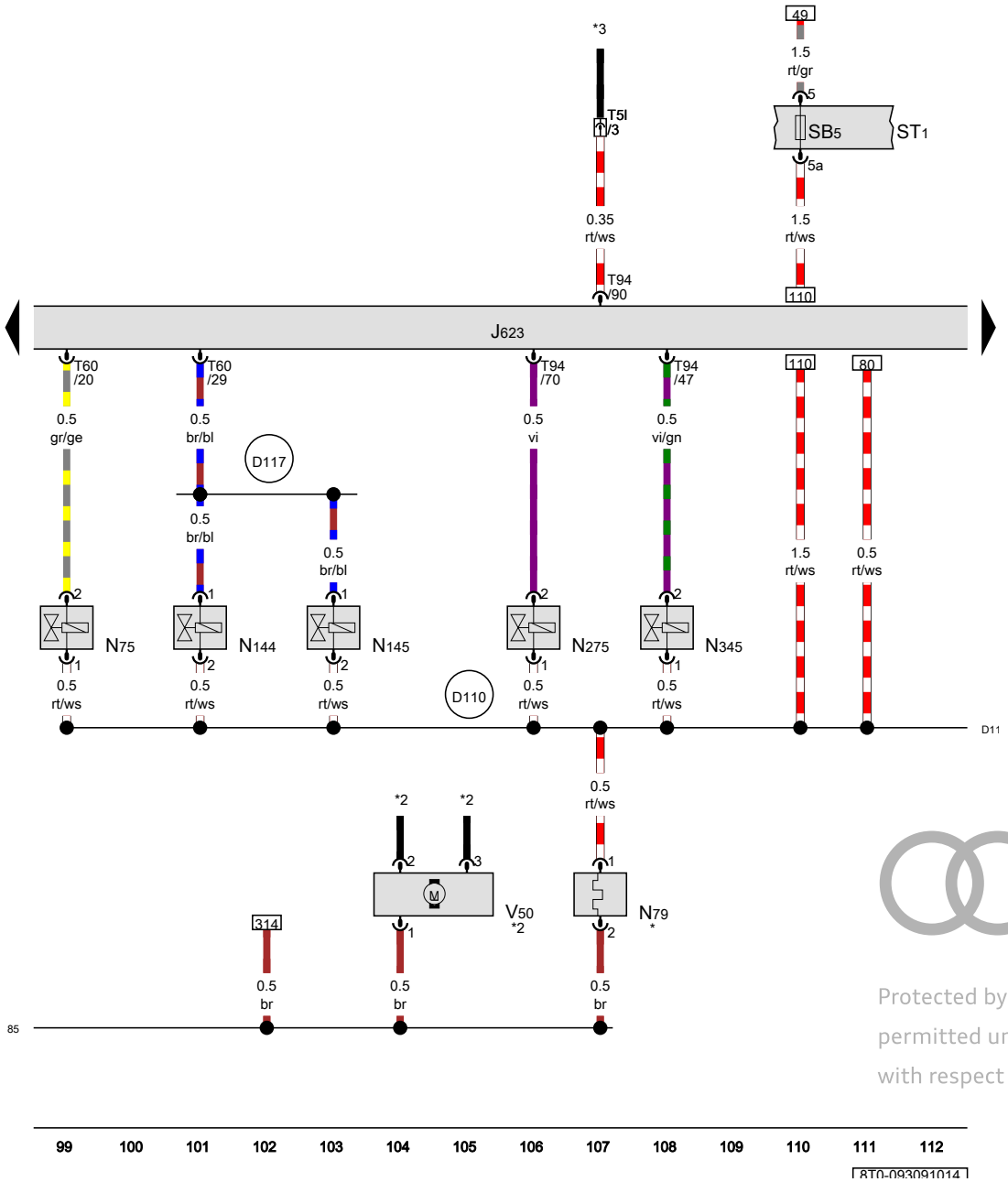
Oil level and oil temperature sender, Engine control unit, Climatronic coolant shut-off valve, Pump for exhaust gas recirculation cooler

G266	Oil level and oil temperature sender
J255	Climatronic control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB8	Fuse 8 on fuse holder B
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V400	Pump for exhaust gas recirculation cooler
85	Earth connection 1, in engine compartment wiring harness
B168	Connection (86), in interior wiring harness
D113	Connection 11 in engine compartment wiring harness



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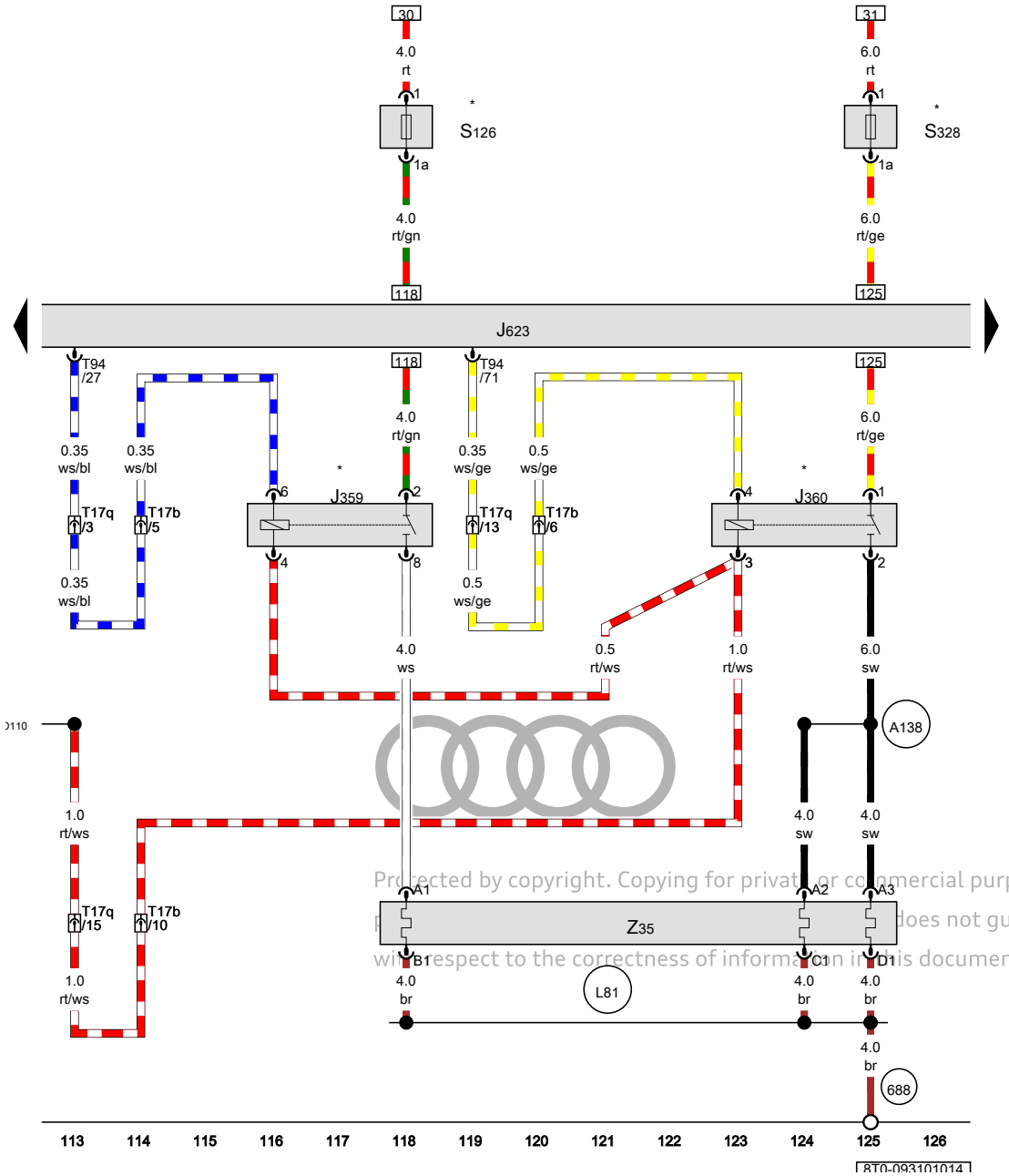


Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Air filter bypass flap valve, Exhaust gas recirculation cooler changeover valve, Coolant circulation pump

J623	Engine 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
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
85	Earth connection 1, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	see applicable current flow diagram for air conditioning
*3	see applicable current flow diagram for radiator fan

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

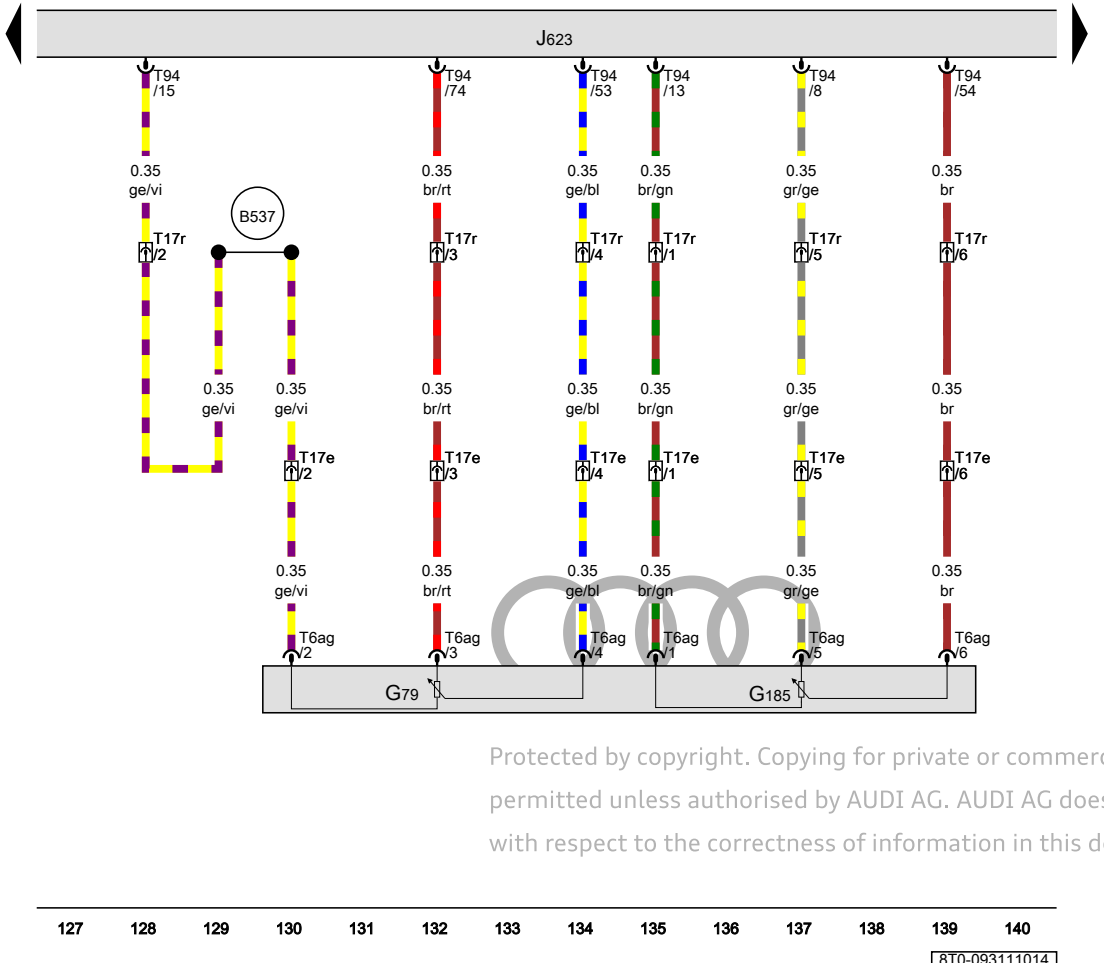
J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

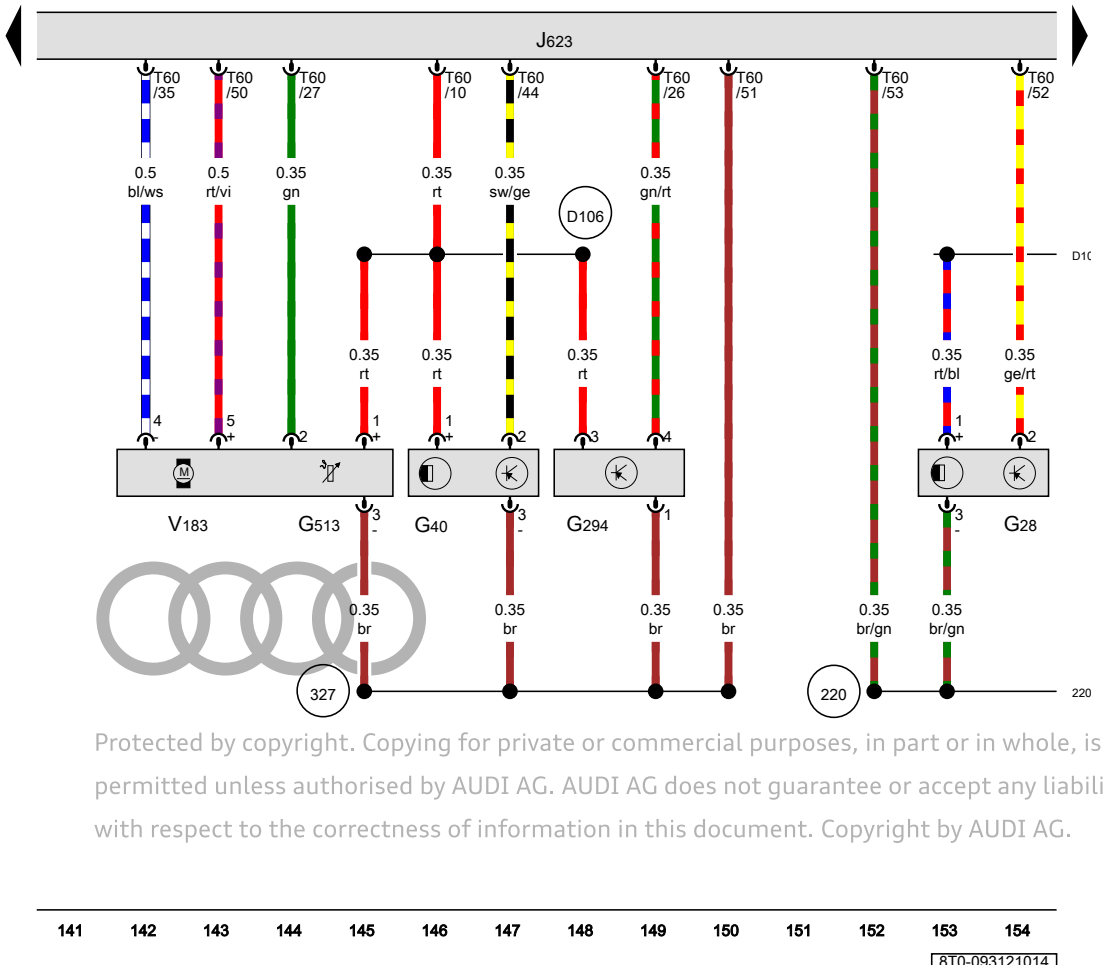


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vi = purple
ge = yellow
or = orange
rs = pink

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Engine speed sender, Hall sender, Brake servo pressure sensor, Variable intake manifold position sender, Engine control unit, Variable intake manifold motor

G28	Engine speed sender
G40	Hall sender
G294	Brake servo pressure sensor
G513	Variable intake manifold position sender
J623	Engine control unit
T60	60-pin connector
V183	Variable intake manifold motor
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



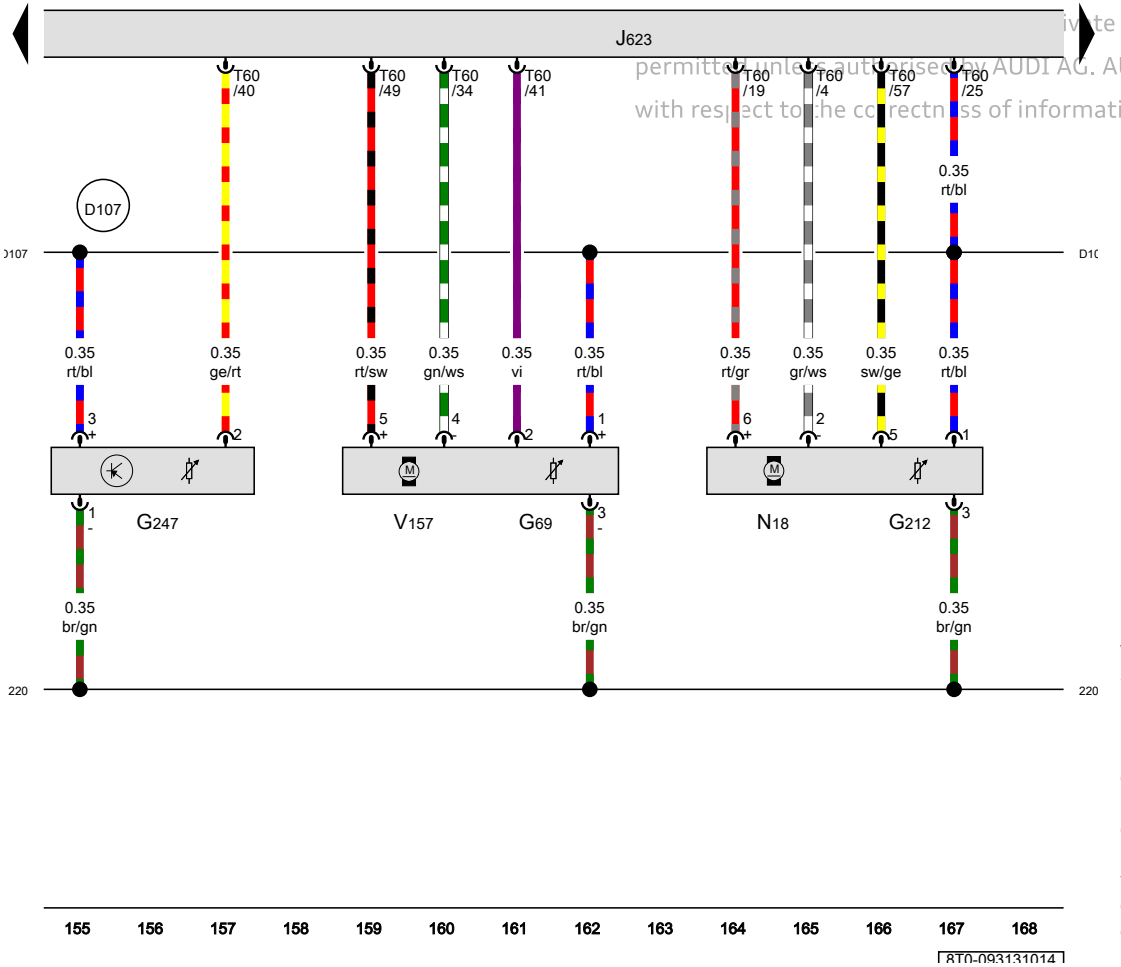
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Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Fuel pressure sender, Engine control unit, Exhaust gas recirculation valve, Intake manifold flap motor

G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G247	Fuel pressure sender
J623	Engine control unit
N18	Exhaust gas recirculation valve
T60	60-pin connector
V157	Intake manifold flap motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness

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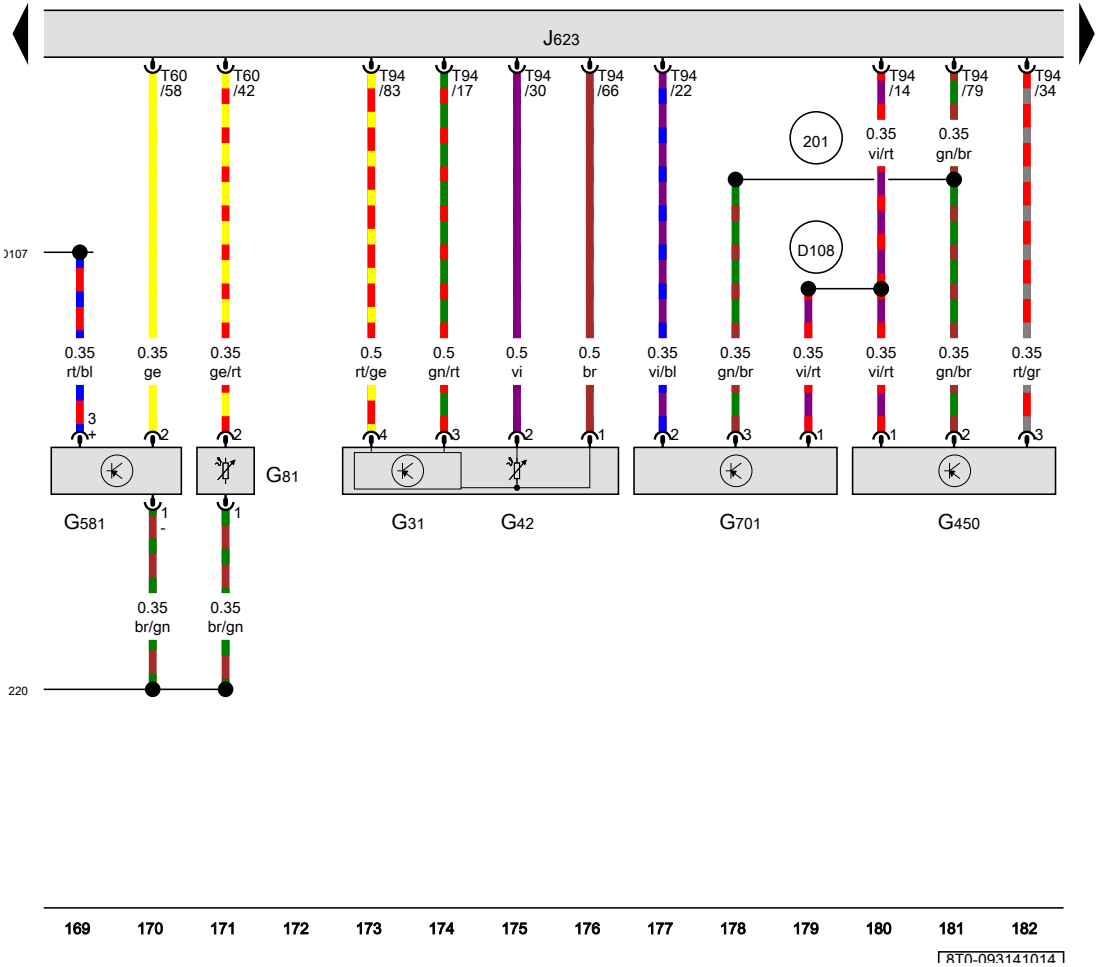


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Charge pressure sender, Intake air temperature sender, Fuel temperature sender, Exhaust gas pressure sensor 1, Position sender for charge pressure positioner, Gearbox neutral position sender, Engine control unit

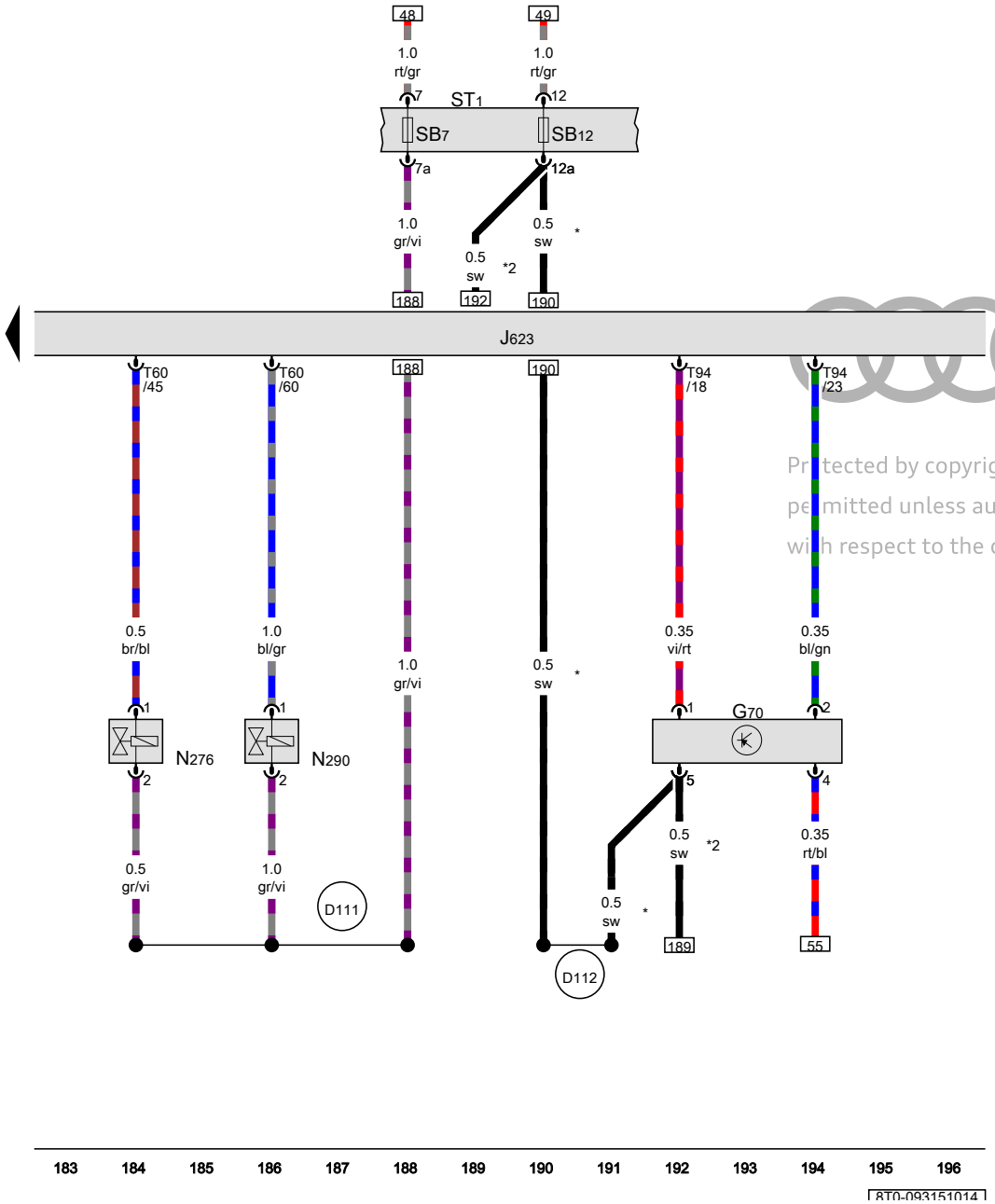
G31	Charge pressure sender
G42	Intake air temperature sender
G81	Fuel temperature sender
G450	Exhaust gas pressure sensor 1
G581	Position sender for charge pressure positioner
G701	Gearbox neutral position sender
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
201	Earth connection 5, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness



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Air mass meter, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction

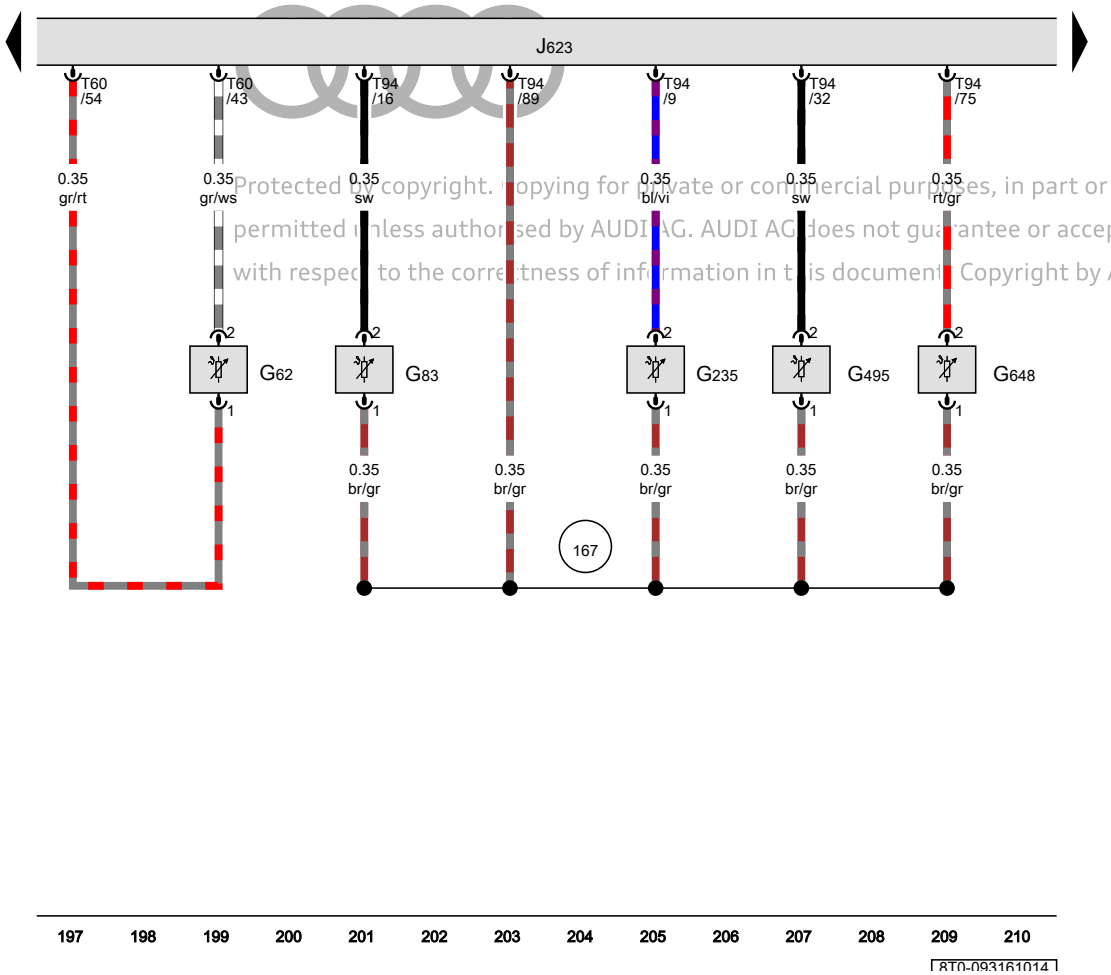


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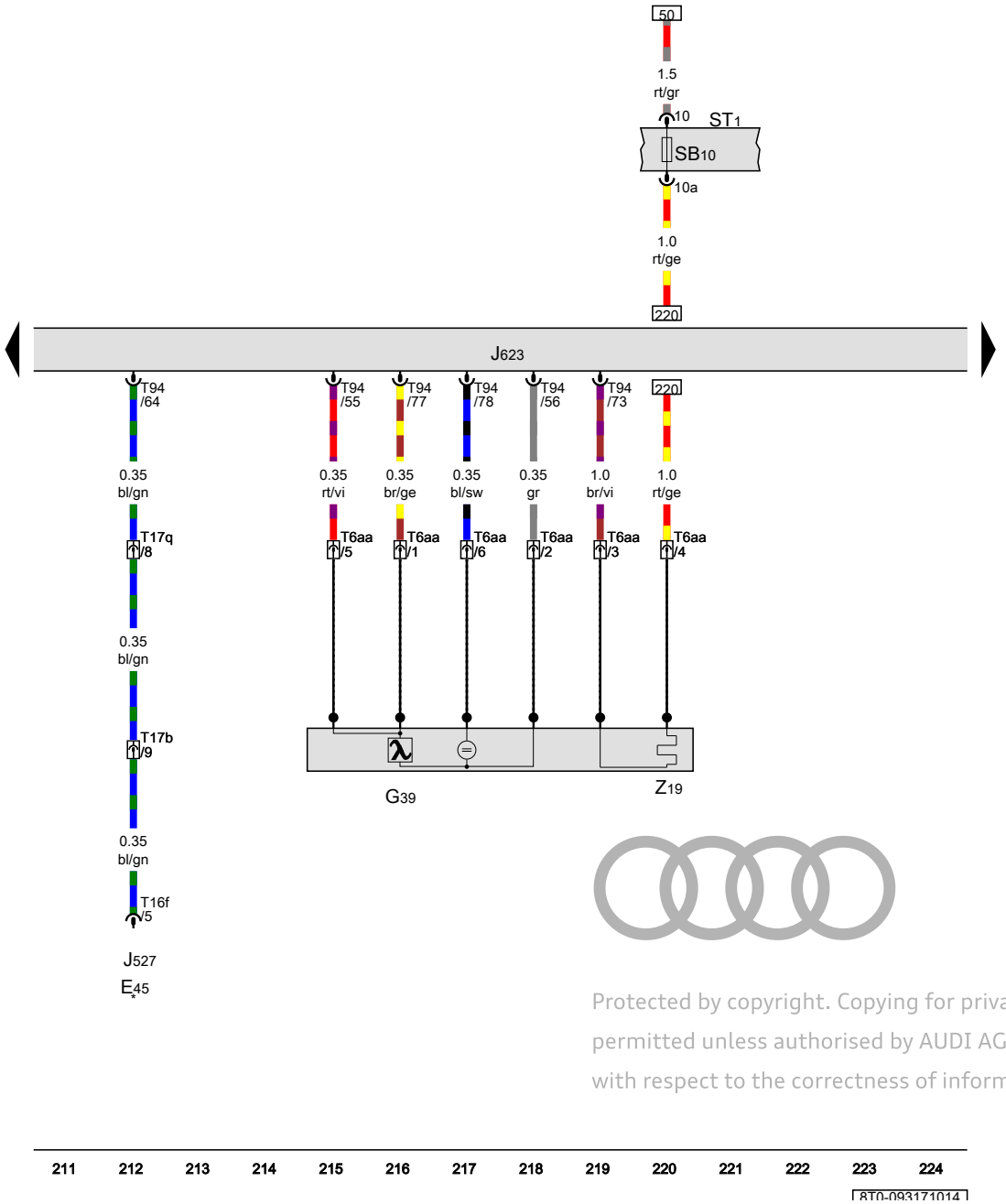
Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness



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Lambda probe, Engine control unit

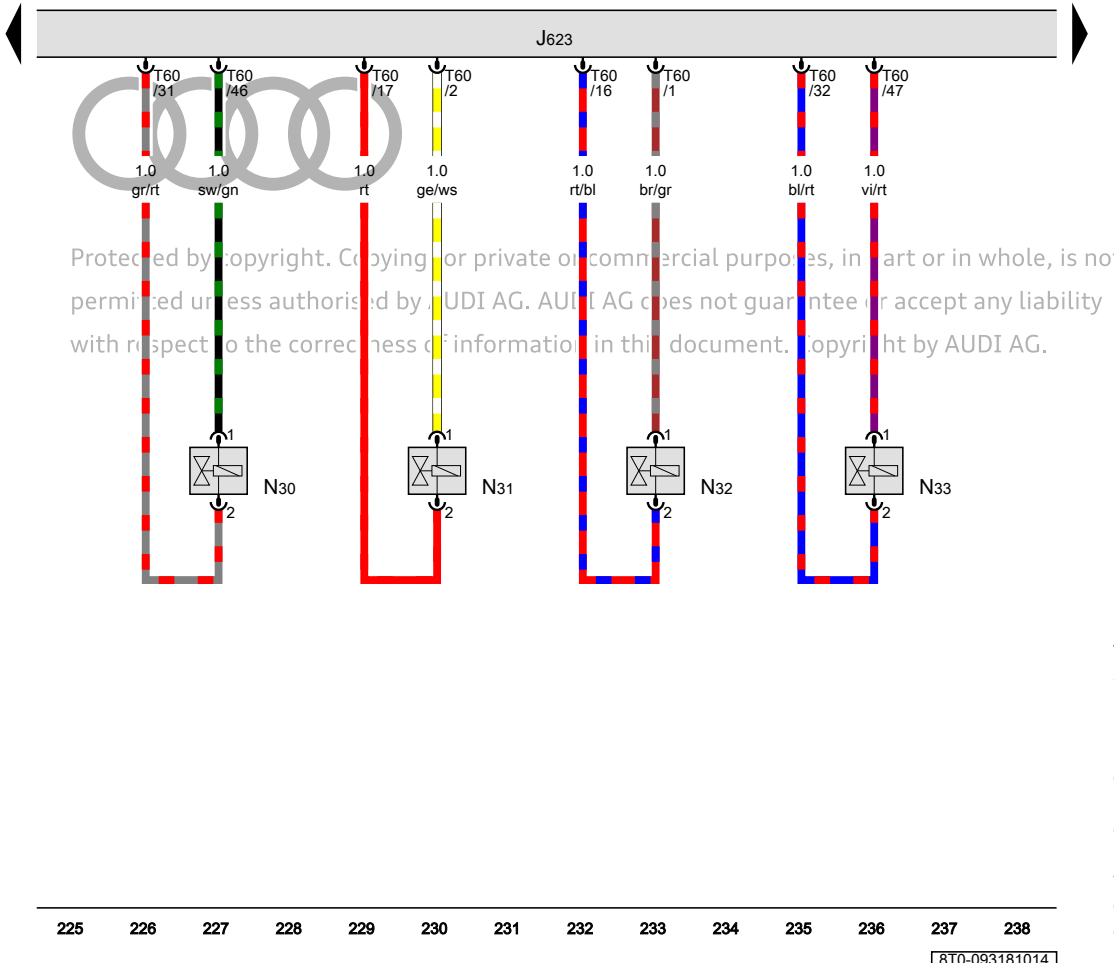
E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

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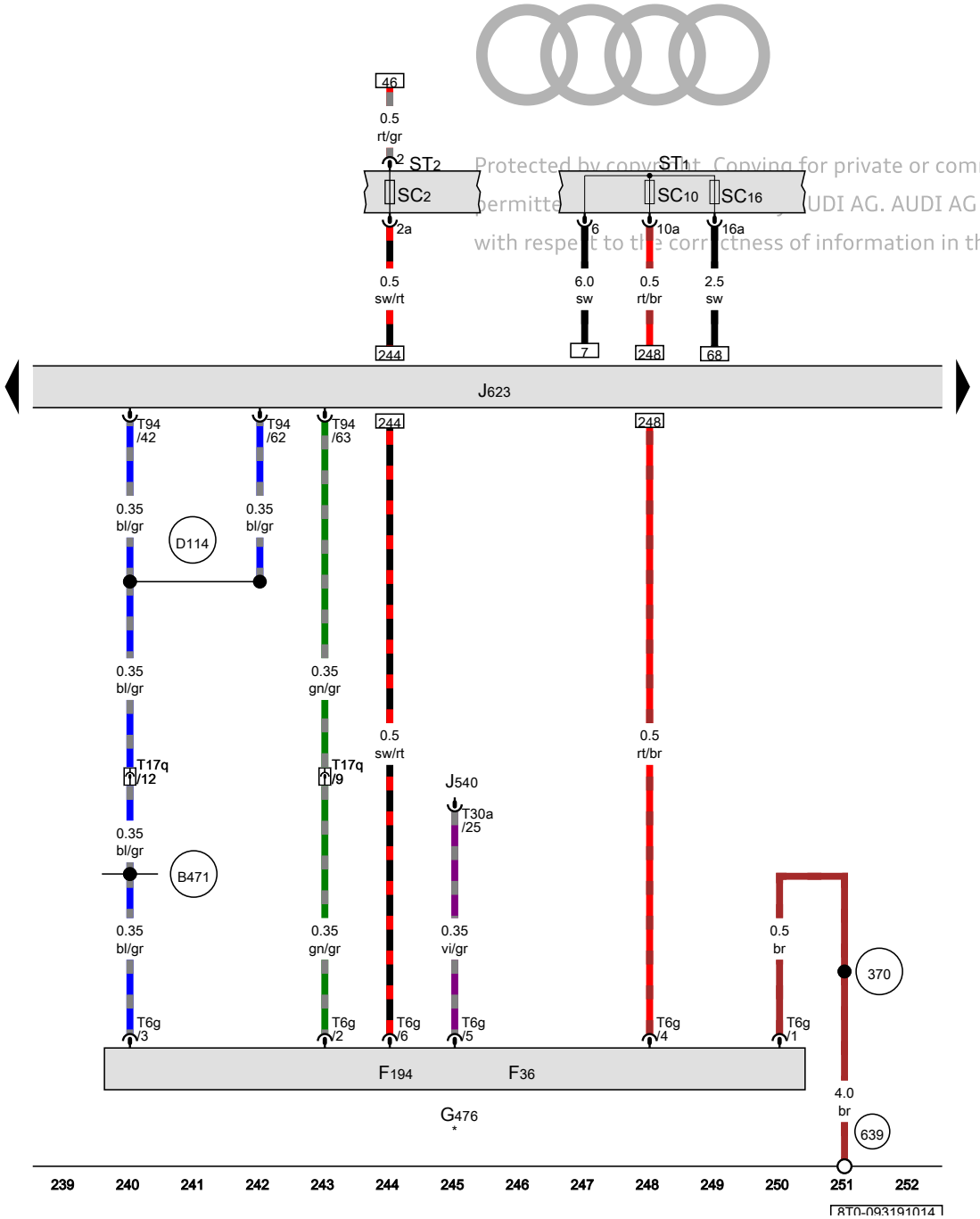
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector



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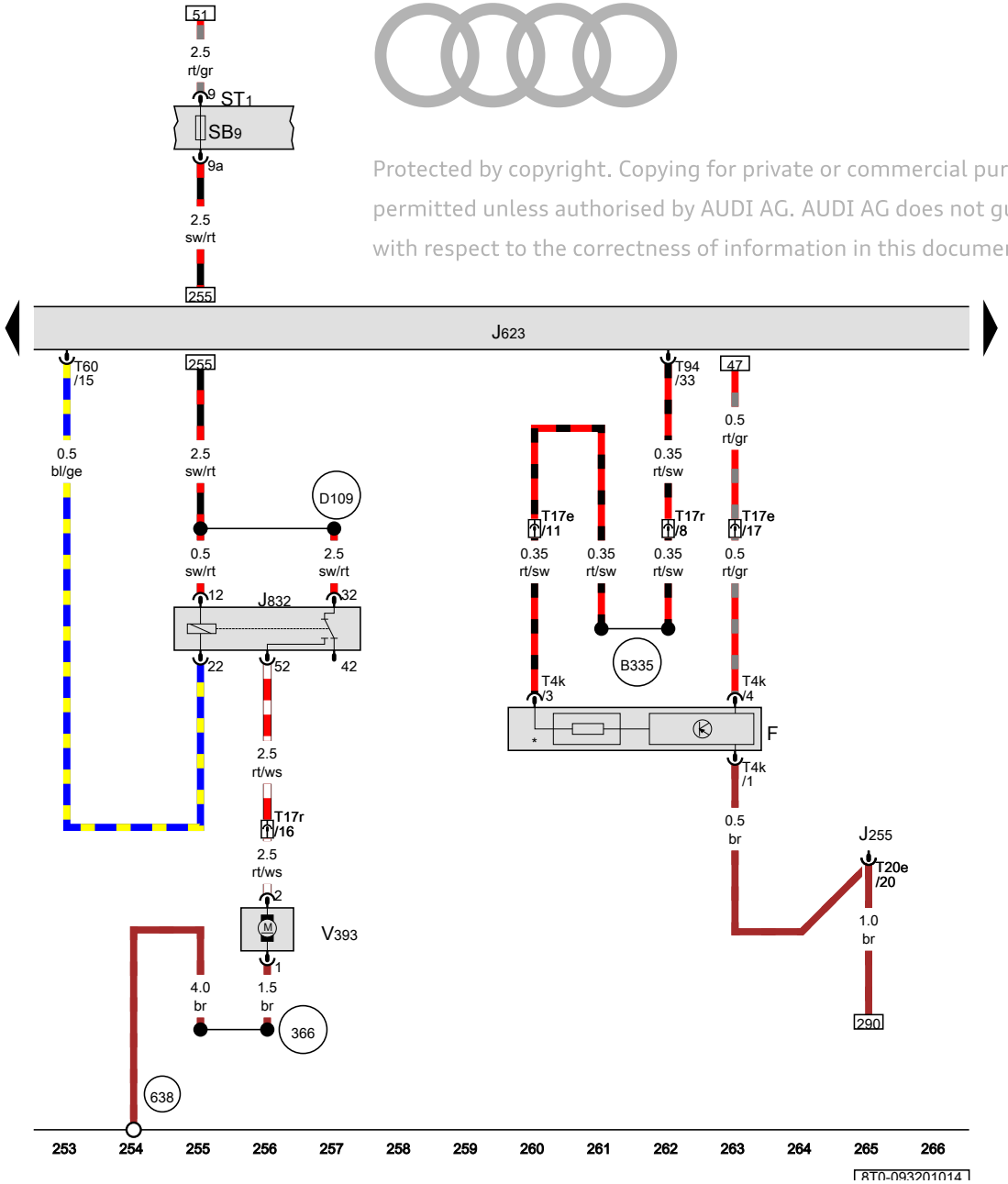
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Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox

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Brake light switch, Engine control unit, Supplementary fuel pump



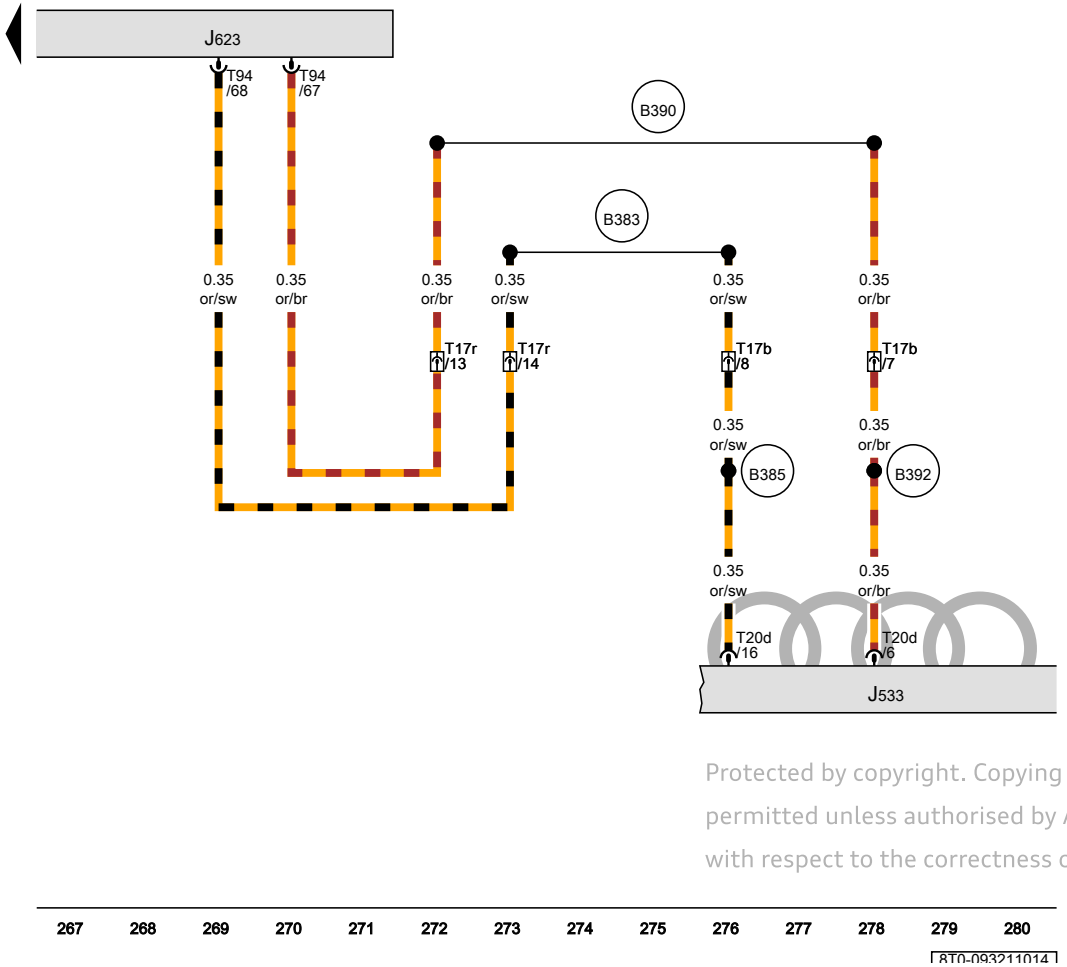
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F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
J832	Relay for supplementary fuel pump
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V393	Supplementary fuel pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B335	Connection 1 (54), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Solenoid coil for brake light sensor

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sw	=	black
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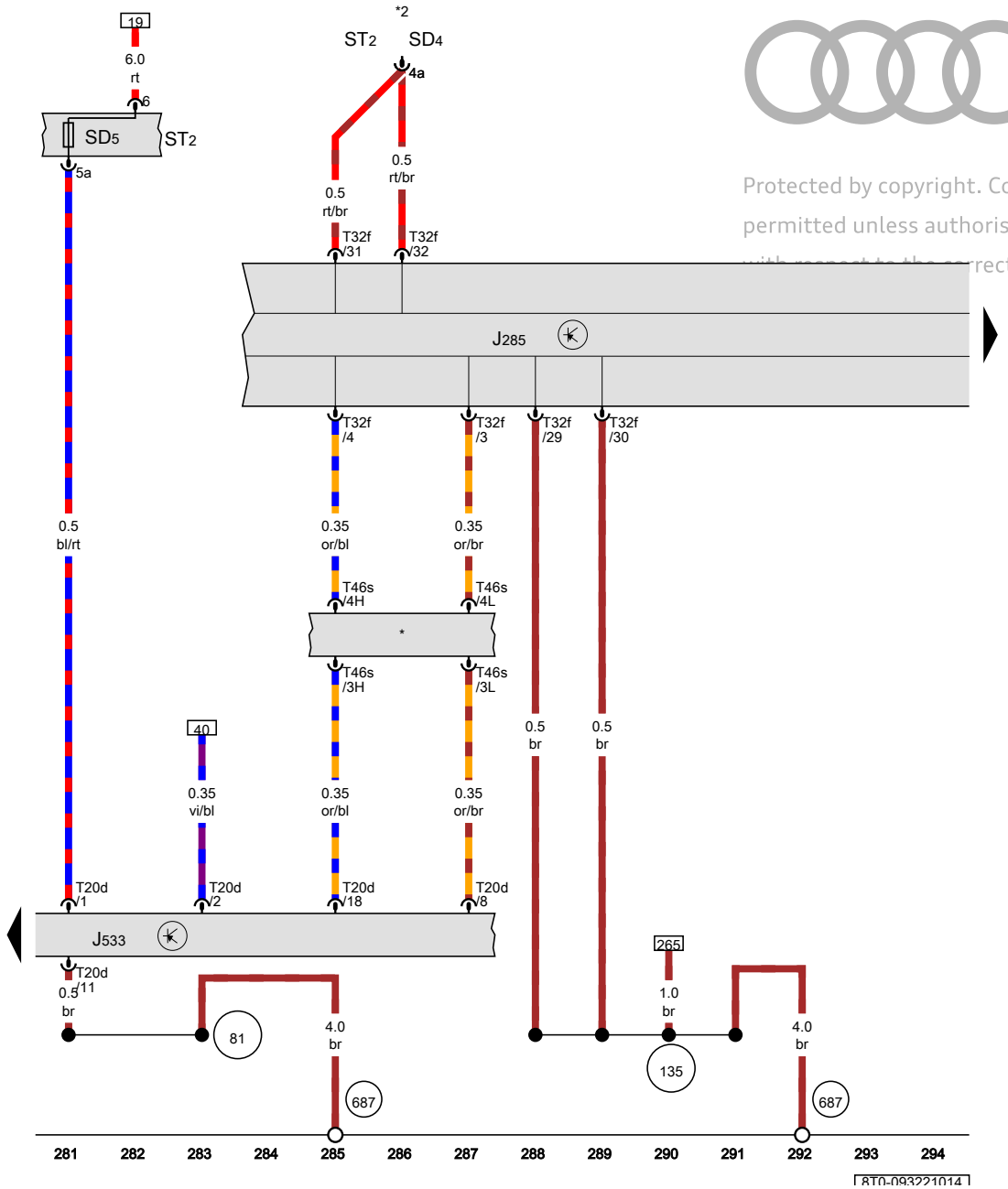
Data bus diagnostic interface, Engine control unit

J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness



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Control unit in dash panel insert, Data bus diagnostic interface

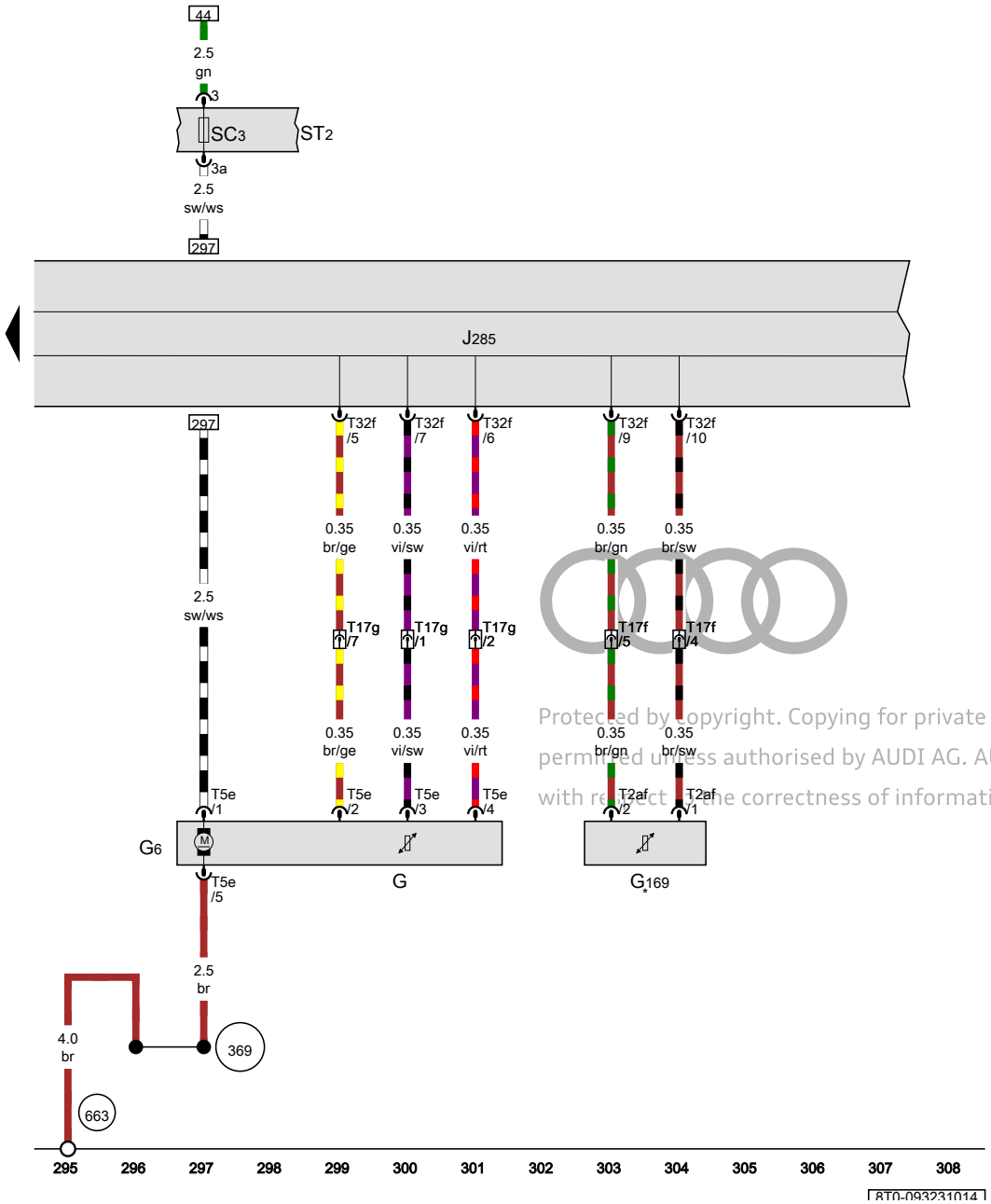
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment

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Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive



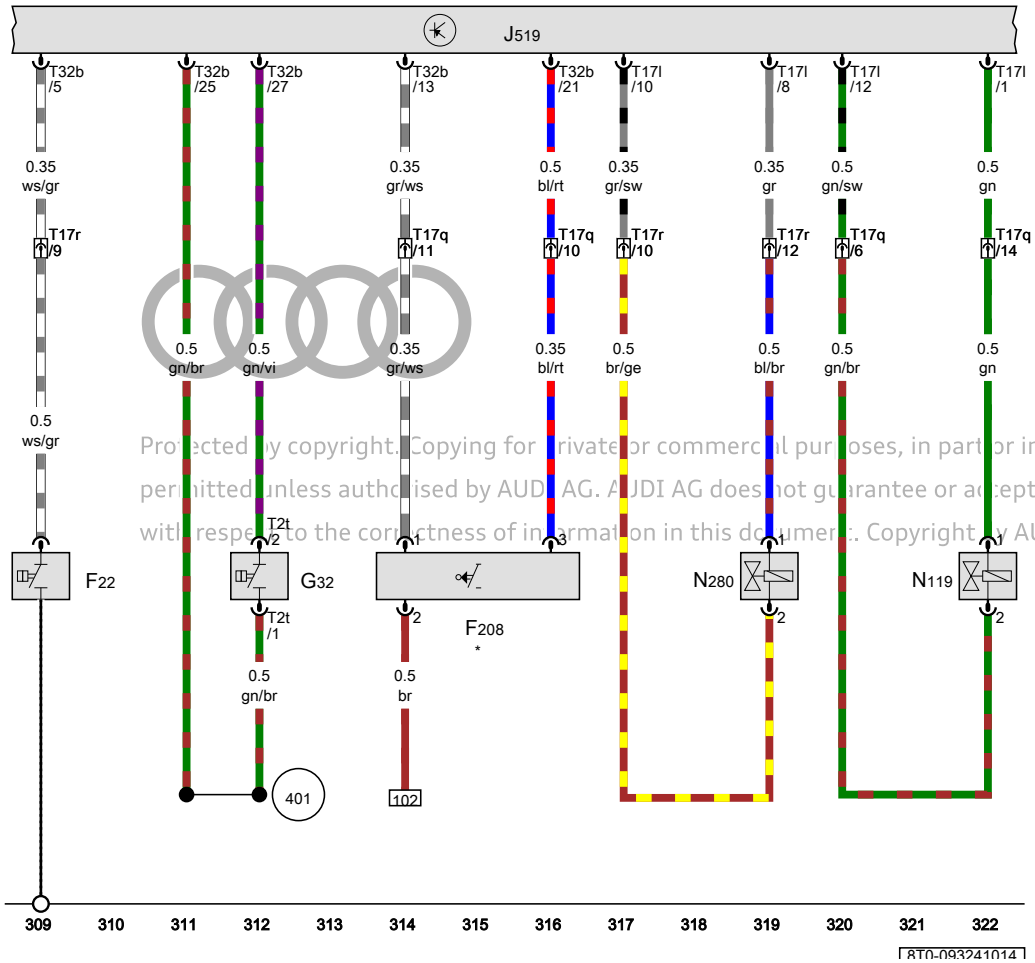
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8T0-0932310I4

Oil pressure switch, Gear detector switch, Coolant shortage indicator sender, Onboard supply control unit, Servotronic solenoid valve, Air conditioner compressor regulating valve

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox



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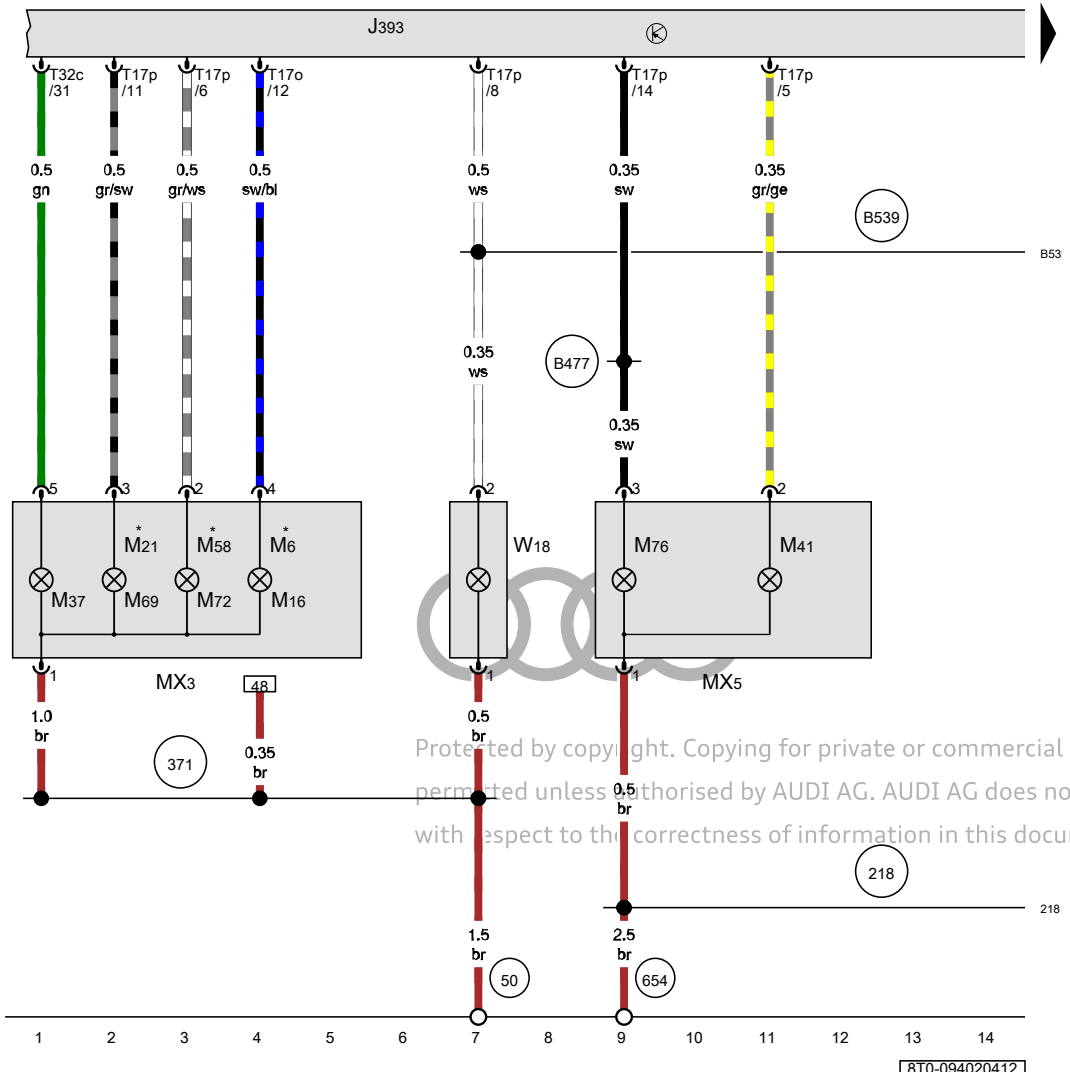
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Rear lid and tail lights, 5-door vehicle

From August 2009

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Convenience system central control unit, Left tail light, Left tail light 2, Luggage compartment light on left



J393 Convenience system central control unit
MX3 Left tail light
MX5 Left tail light 2
M6 Rear left turn signal bulb
M16 Left reversing light bulb
M21 Left brake and tail light bulb
M37 Rear left side marker bulb
M41 Left tail light and rear fog light bulb
M58 Left brake and tail light bulb 2
M69 Left brake, turn signal and tail light bulb
M72 Bulb 2 for left brake, turn signal and tail light
M76 Left reversing light bulb 2
T17o 17-pin connector
T17p 17-pin connector
T32c 32-pin connector
W18 Luggage compartment light on left

50 Earth point, on left in luggage compartment

218 Earth connection 1, in rear lid wiring harness

371 Earth connection 6, in main wiring harness

654 Earth point, on right D-pillar

B477 Connection 13, in main wiring harness

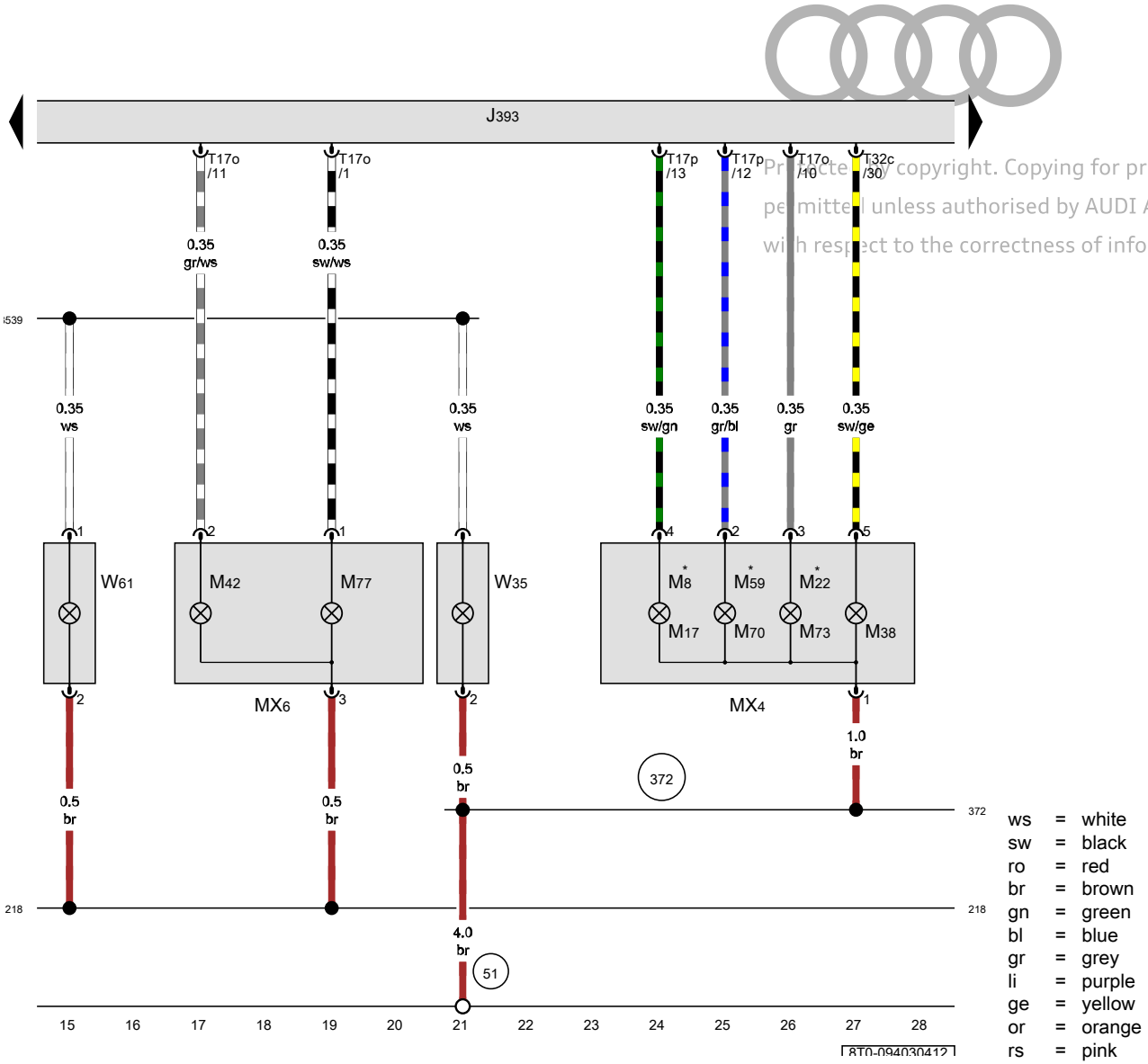
B539 Connection 30, in main wiring harness

* Only models with no US equipment

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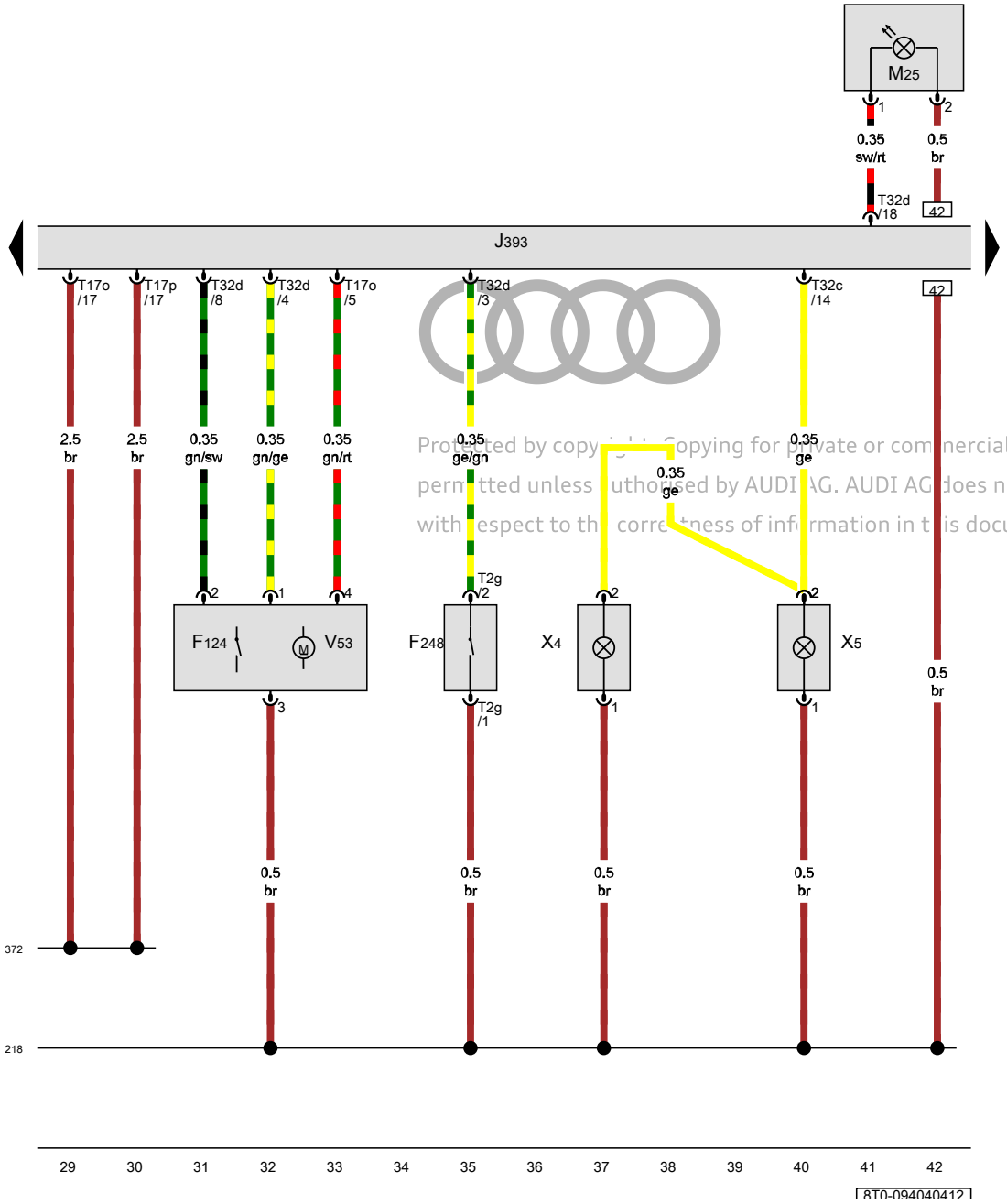
Convenience system central control unit, Right tail light, Right tail light 2, Right luggage compartment light, Surround lighting 1 in rear lid



J393	Convenience system central control unit
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M77	Right reversing light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
W35	Right luggage compartment light
W61	Surround lighting 1 in rear lid
51	Earth point, on right in luggage compartment
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness
B539	Connection 30, in main wiring harness
*	Only models with no US equipment

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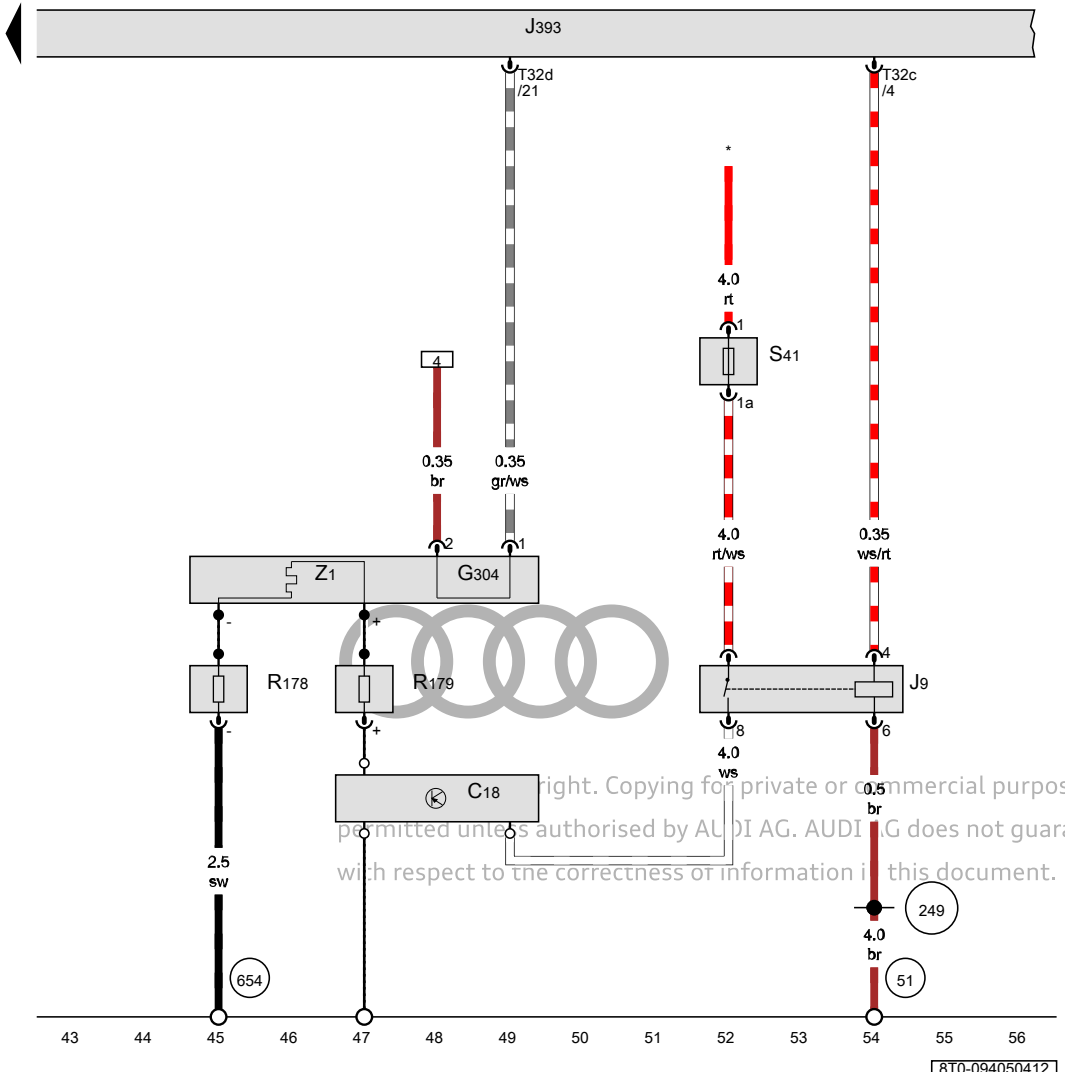
Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Release button for rear lid lock cylinder, Convenience system central control unit, Additional brake light bulb, Left number plate light, Right number plate light

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
M25	Additional brake light bulb
T2g	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness

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Glass breakage sensor for rear window, Convenience system central control unit, Heated rear window

C18	Window aerial suppression filter
G304	Glass breakage sensor for rear window
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
T32c	32-pin connector
T32d	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for fuse assignment



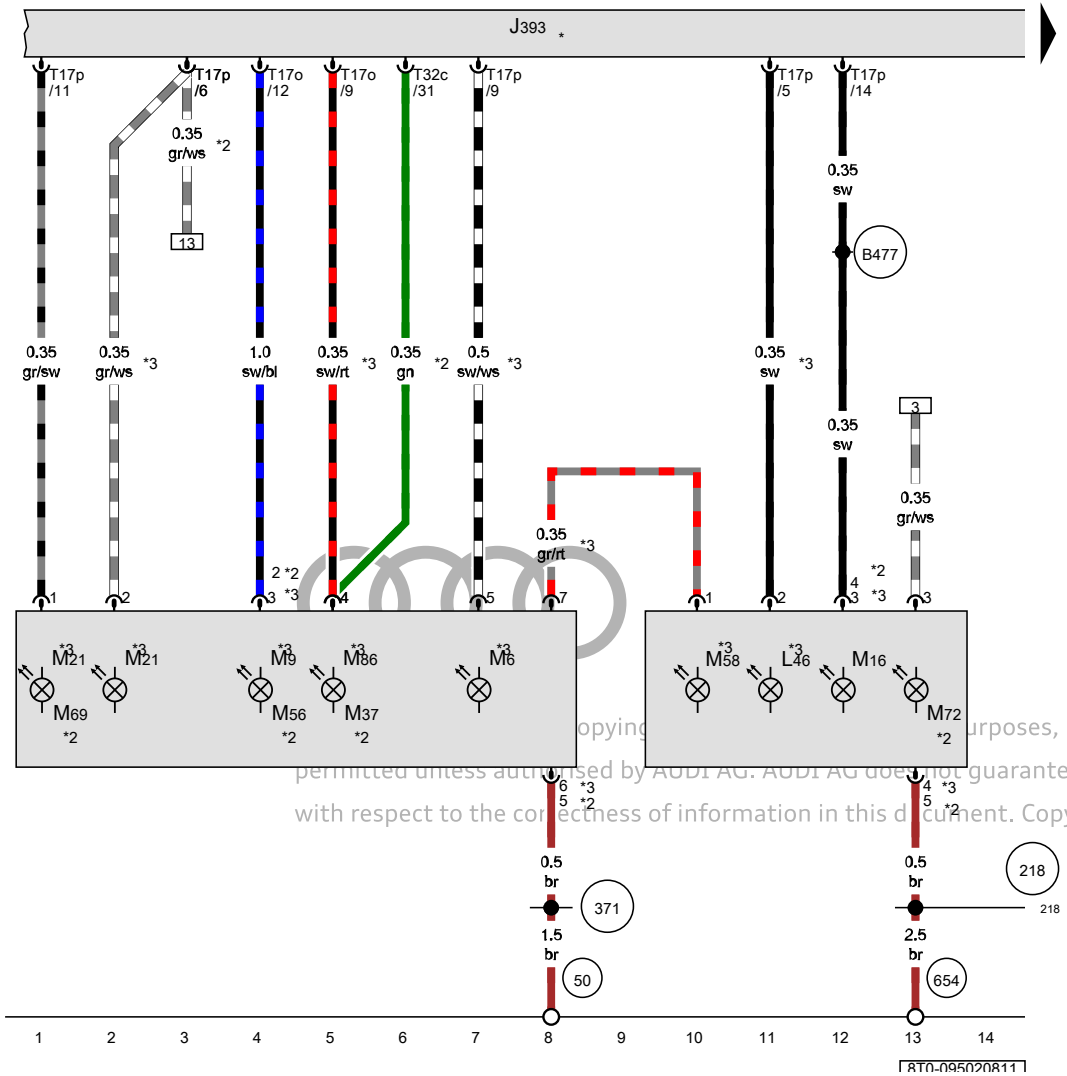
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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
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rs	=	pink

Tail light cluster with LED, 5-door vehicle

From August 2009

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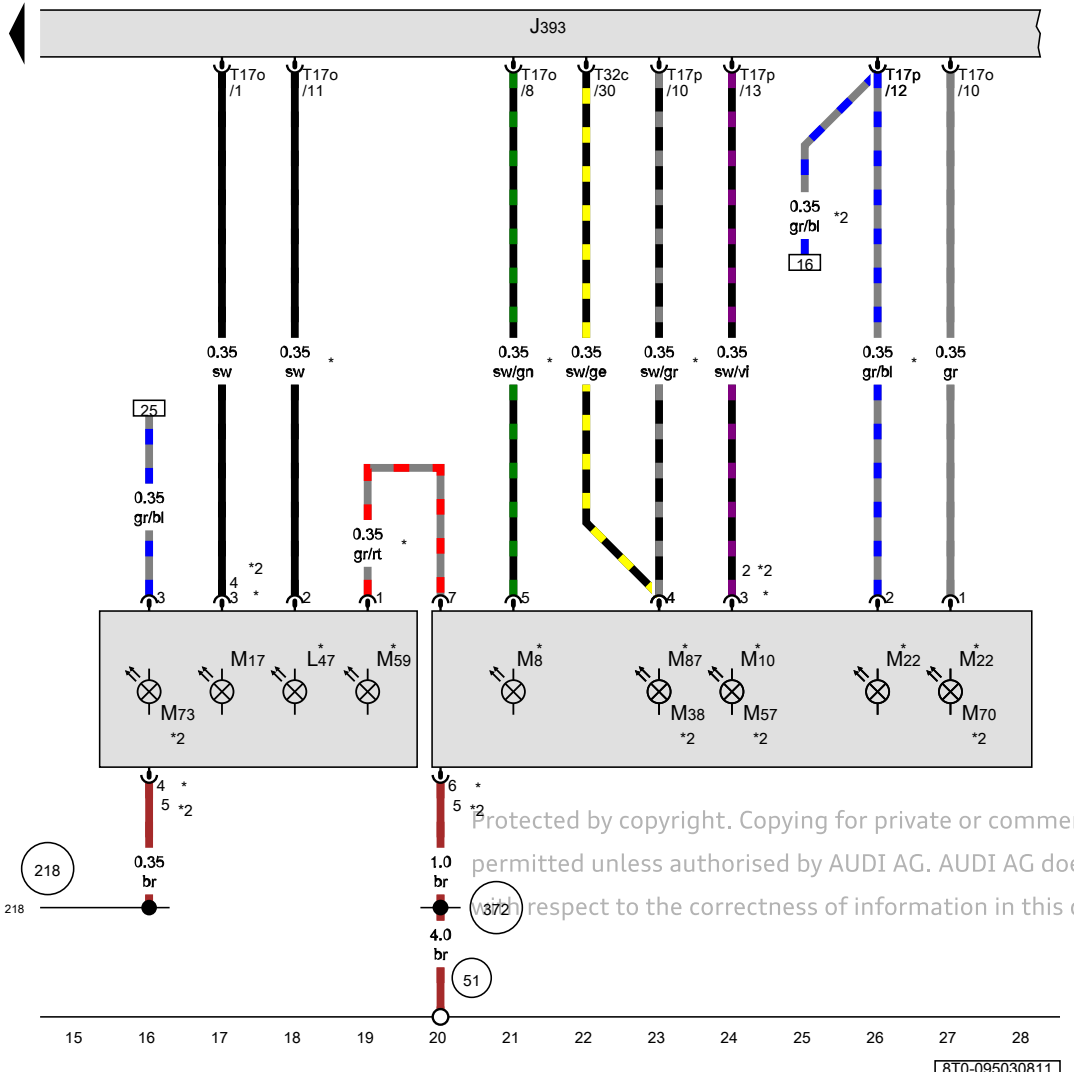


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Convenience system central control unit

J393	Convenience system central control unit
L46	Rear left fog light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M56	Left brake and turn signal bulb
M58	Left brake and tail light bulb 2
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M86	Left brake light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
50	Earth point, on left in luggage compartment
218	Earth connection 1, in rear lid wiring harness
371	Earth connection 6, in main wiring harness
654	Earth point, on right D-pillar
B477	Connection 13, in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with US equipment
*3	Only models with no US equipment



Convenience system central control unit

J393	Convenience system central control unit
L47	Rear right fog light bulb
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M57	Right brake and turn signal bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M87	Right brake light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness
*	Only models with no US equipment
*2	Only models with US equipment

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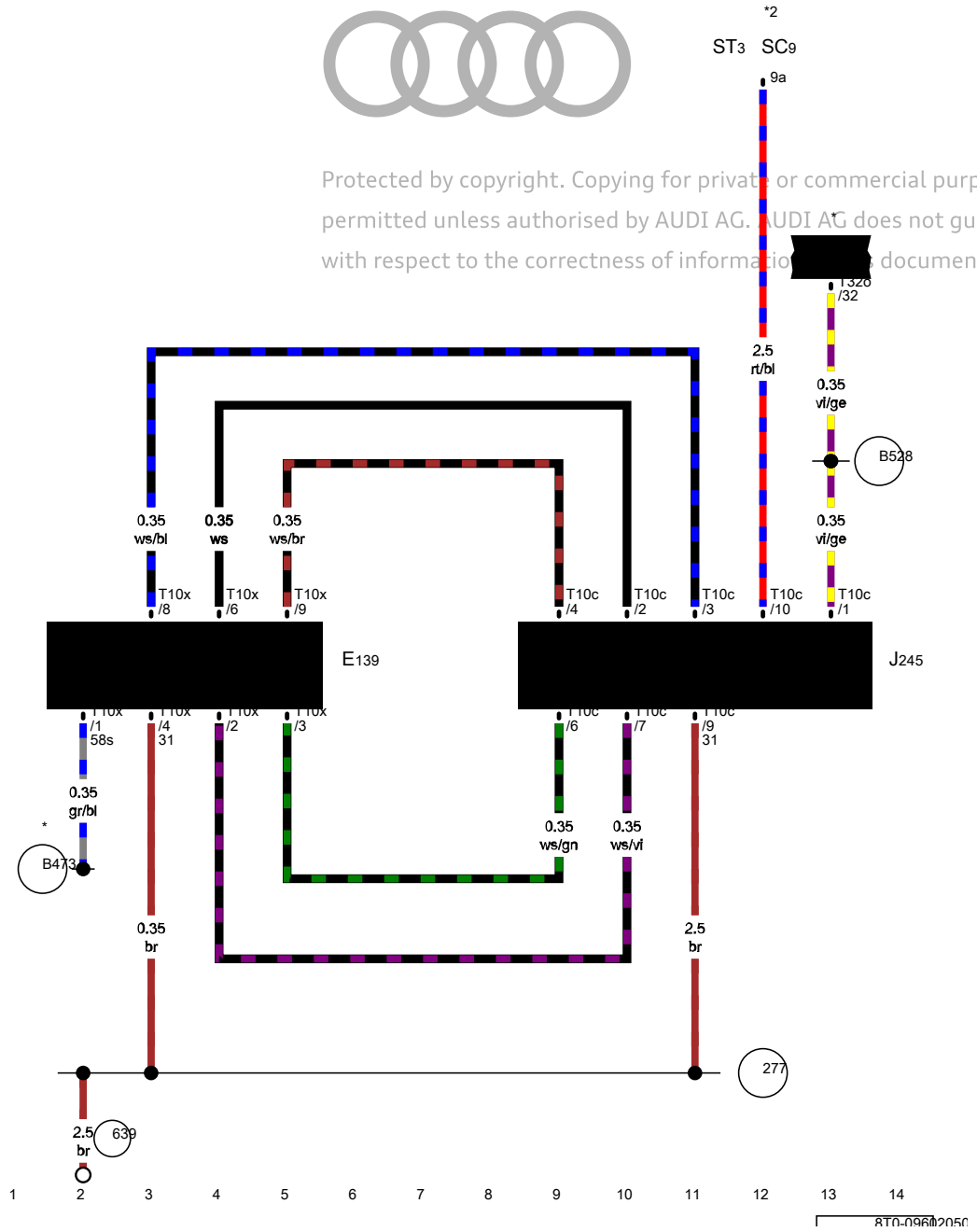
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Electric sliding sunroof

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Sliding sunroof adjustment regulator, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor

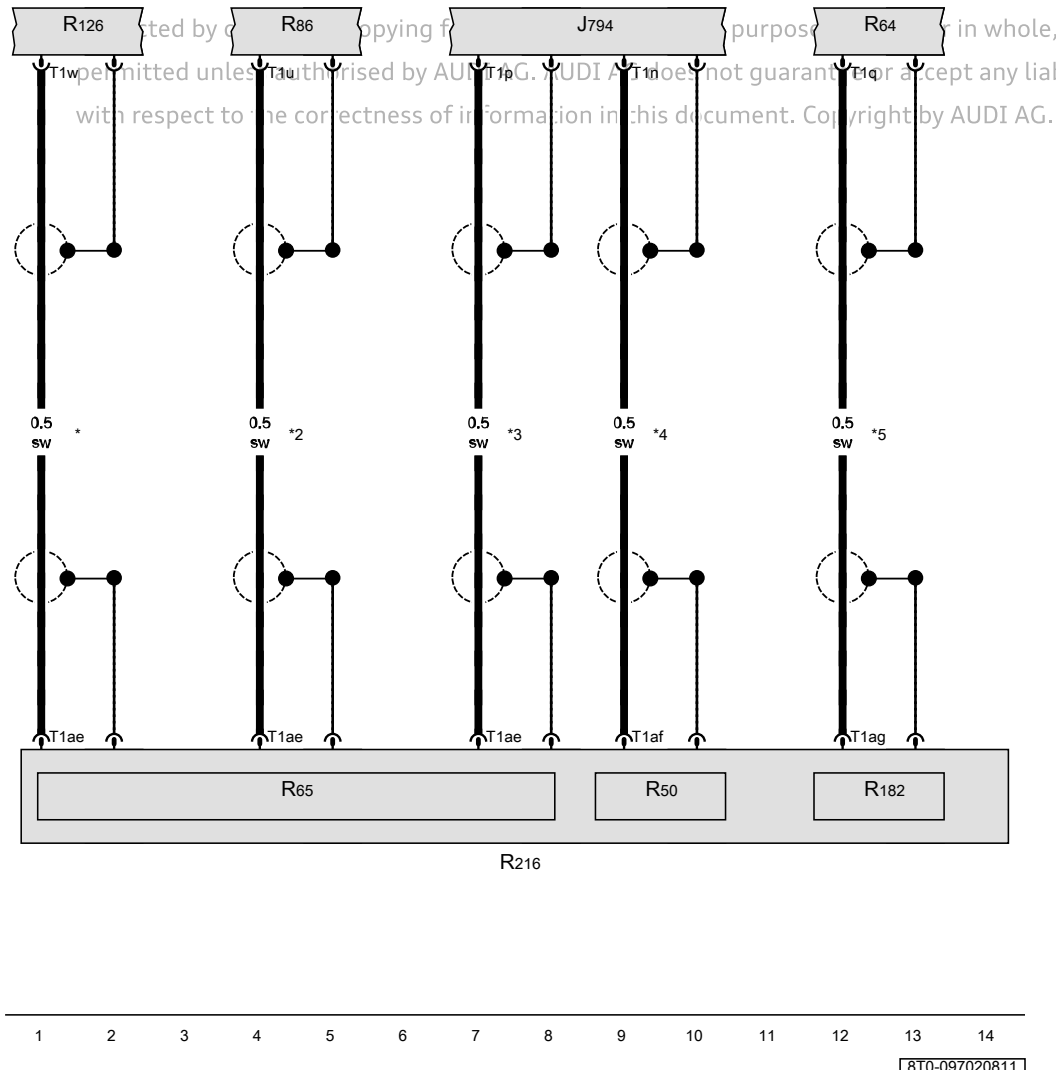
E139	Sliding sunroof adjustment regulator
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
ST3	Fuse carrier 3
SC9	Fuse 9 on fuse holder C
T10c	10-pin connector
T10x	10-pin connector
T32o	32-pin connector
V1	Sliding sunroof motor
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B473	Connection 9, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment

Aerials, 5-door vehicle

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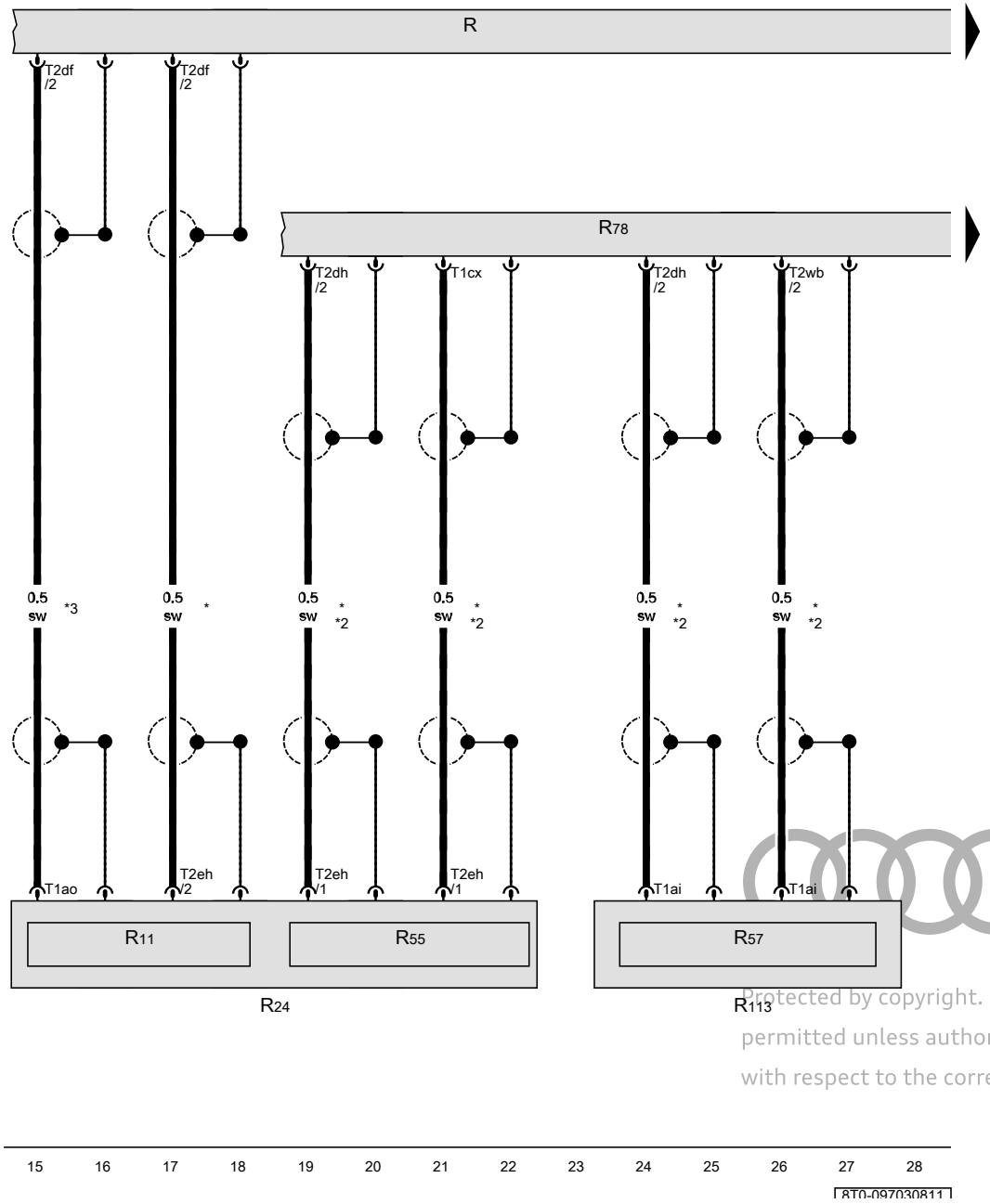
GPS aerial, Telephone aerial, Auxiliary heater aerial, Roof aerial

J794	Control unit 1 for information electronics
R50	GPS aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R182	Auxiliary heater aerial
R216	Roof aerial
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1n	Single connector
T1p	Single connector
T1q	Single connector
T1u	Single connector
T1w	Single connector
*	Only models with mobile telephone/telephone
*2	Only models with amplifier for mobile telephone
*3	see applicable current flow diagram for MMI (information electronics)
*4	Special equipment
*5	Only models with auxiliary heating

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Aerial, Aerial amplifier, TV aerial 1, Aerial amplifier 4

A36	Output module 5 for right LED headlight
R	Radio
R11	Aerial
R24	Aerial amplifier
R55	TV aerial 1
R57	TV aerial 3
R78	TV tuner
R113	Aerial amplifier 4
T1ai	Single connector
T1ao	Single connector
T1cx	Single connector
T2df	2-pin connector
T2dh	2-pin connector
T2eh	2-pin connector
T2wb	2-pin connector
*	Only models with TV tuner
*2	According to equipment
*3	Only models with no TV receiver

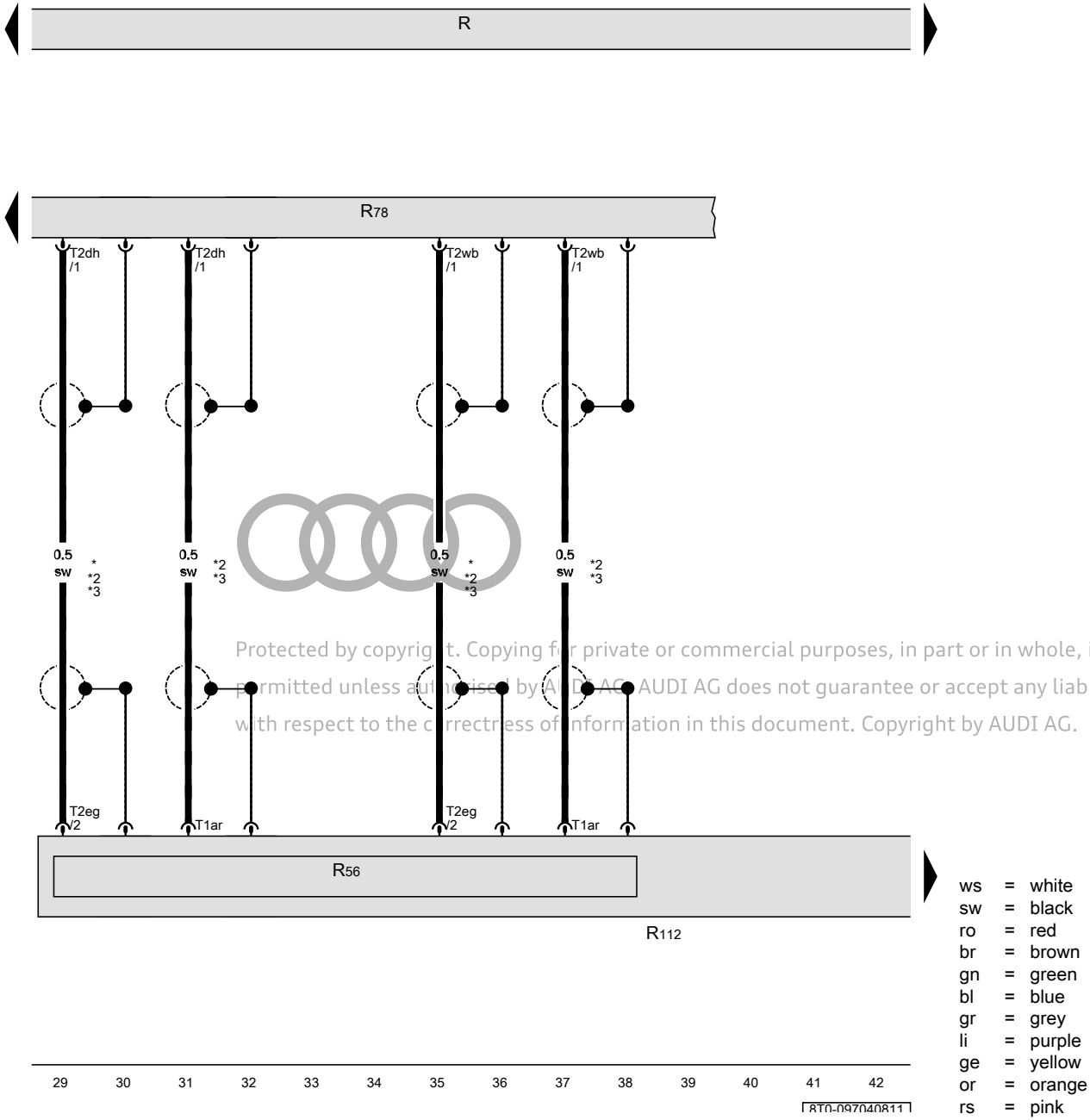


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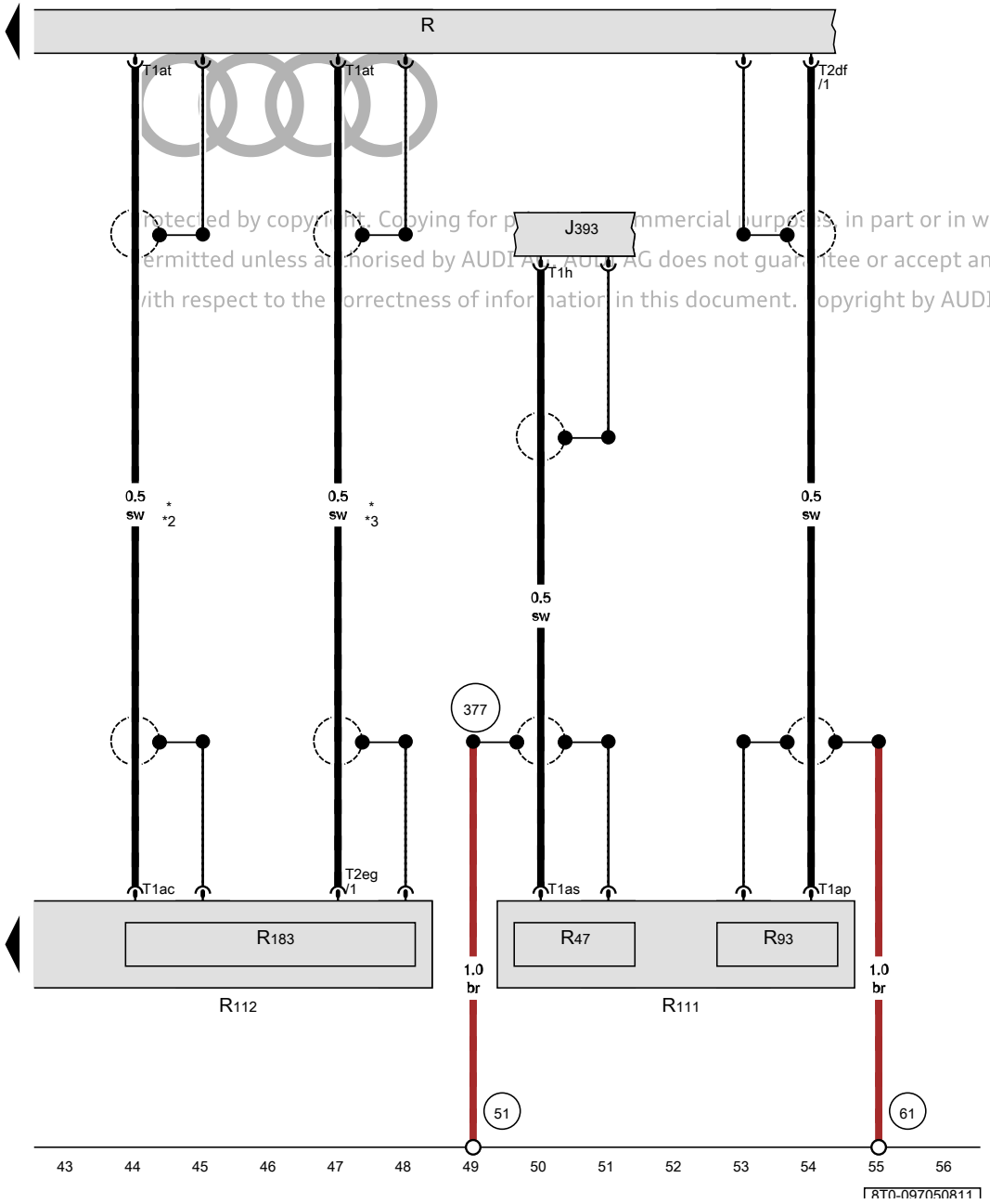
TV aerial 2, Aerial amplifier 3

R	Radio
R56	TV aerial 2
R78	TV tuner
R112	Aerial amplifier 3
T1ar	Single connector
T2dh	2-pin connector
T2eg	2-pin connector
T2wb	2-pin connector
*	Only models with digital radio
*2	Only models with TV tuner
*3	According to equipment



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Central locking and anti-theft alarm system aerial, Radio aerial 2, Aerial amplifier 2, Aerial amplifier 3, Digital radio aerial

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
R112	Aerial amplifier 3
R183	Digital radio aerial
T1ac	Single connector
T1ap	Single connector
T1as	Single connector
T1at	Single connector
T1h	Single connector
T2df	2-pin connector
T2eg	2-pin connector
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
377	Earth connection 12, in main wiring harness
*	Only models with digital radio
*2	Only models with no TV receiver
*3	Only models with TV tuner

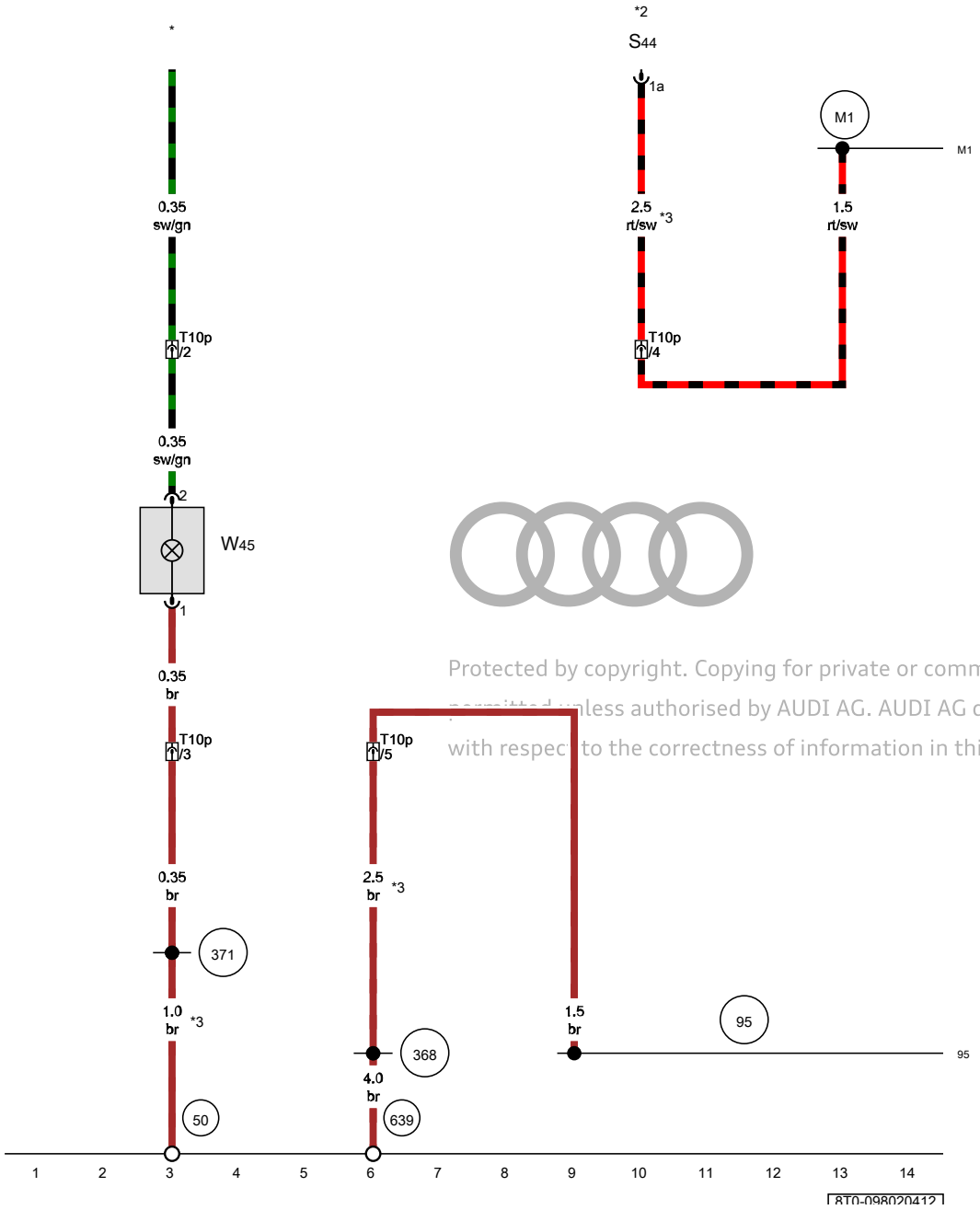
Adjustable driver and front passenger seats, 5-door vehicle

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Driver seat adjustment thermal fuse 1, Rear left footwell light

S44	Driver seat adjustment thermal fuse 1
T10p	10-pin connector, red
W45	Rear left footwell light
50	Earth point, on left in luggage compartment
95	Earth connection 1, in seat adjustment wiring harness
368	Earth connection 3, in main wiring harness
371	Earth connection 6, in main wiring harness
639	Earth point, left A-pillar
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	Cross-section 1.5 possible

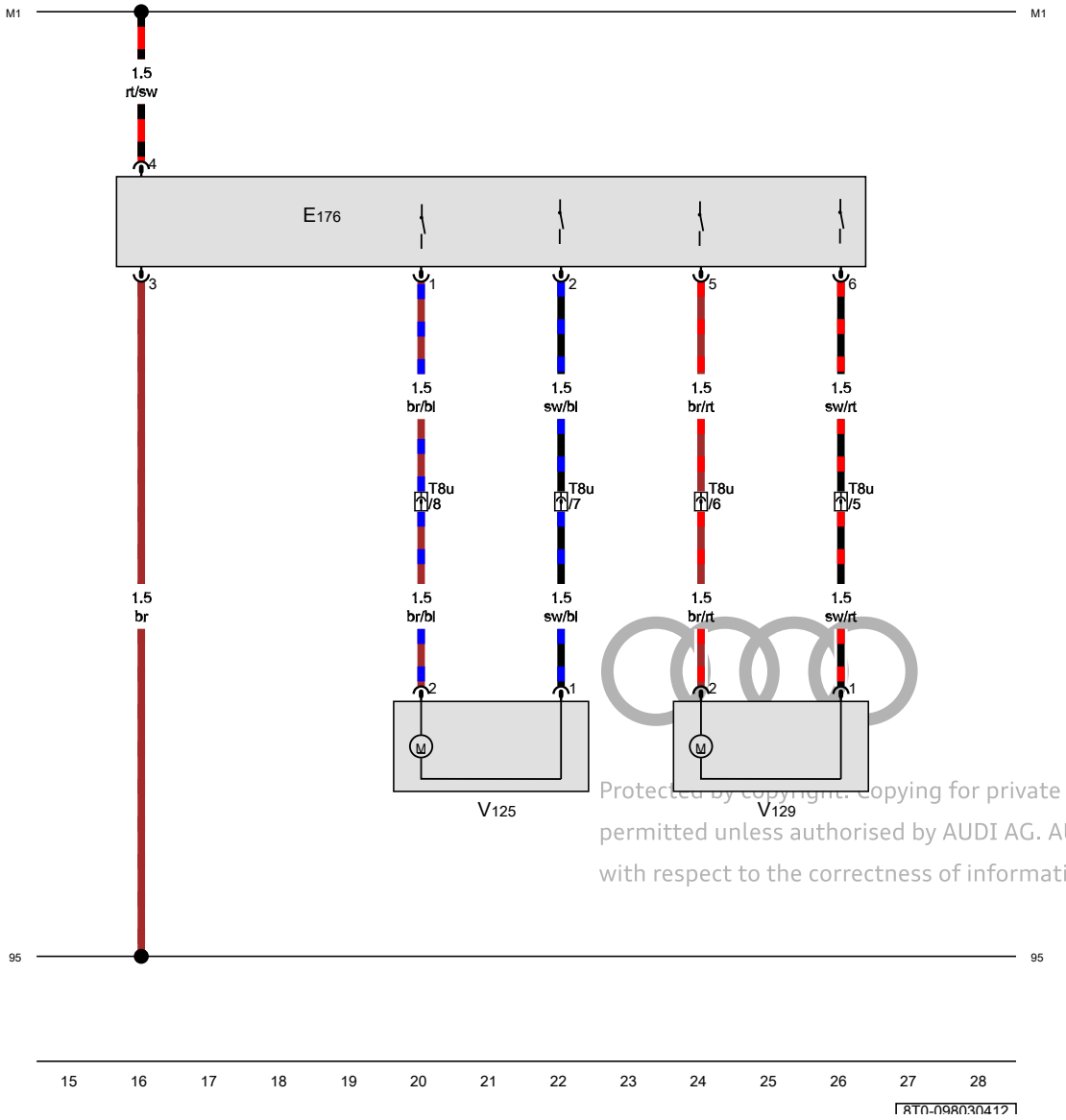


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Driver seat lumbar support adjustment switch, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

E176	Driver seat lumbar support adjustment switch
T8u	8-pin connector, in driver seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness



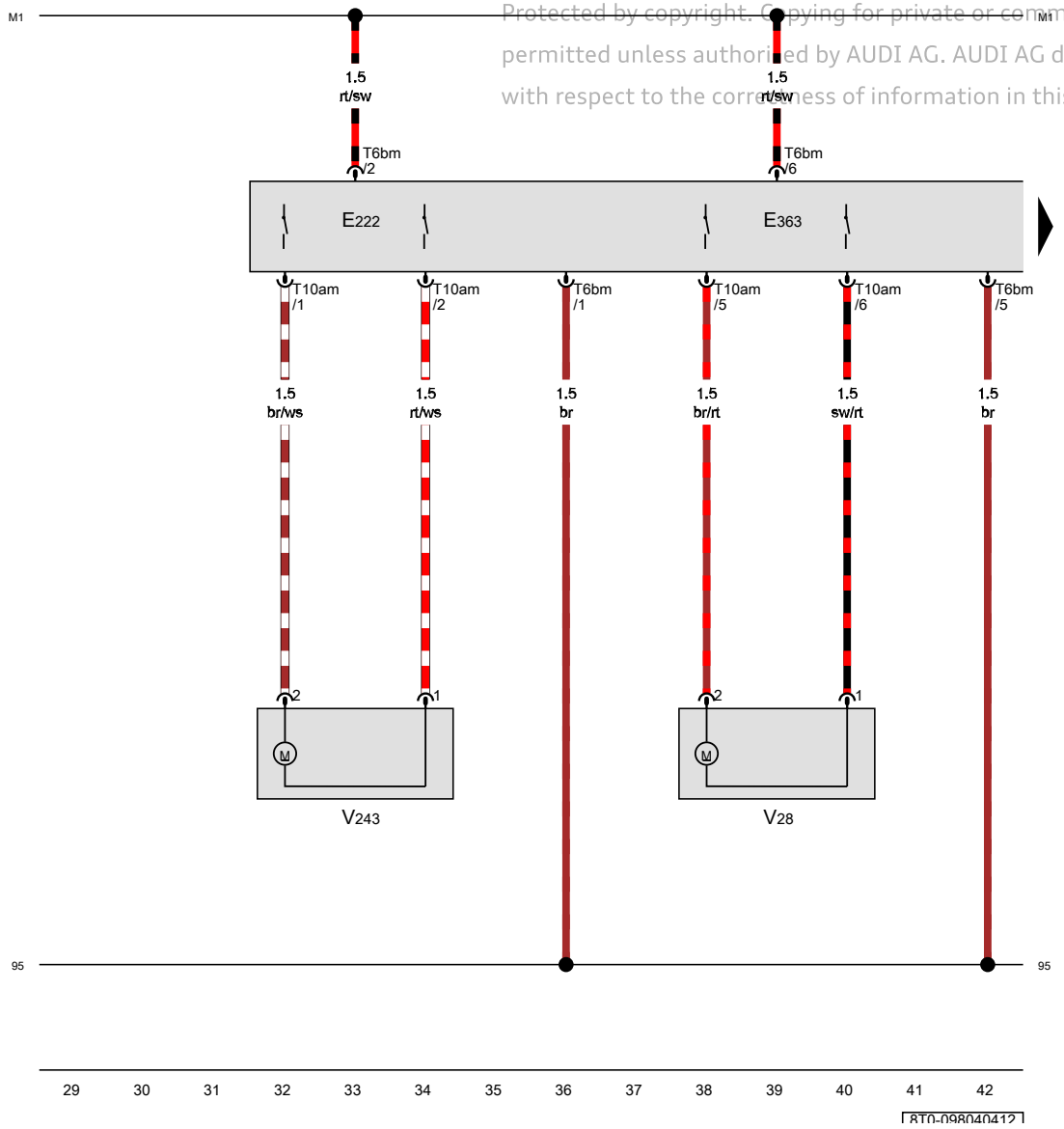
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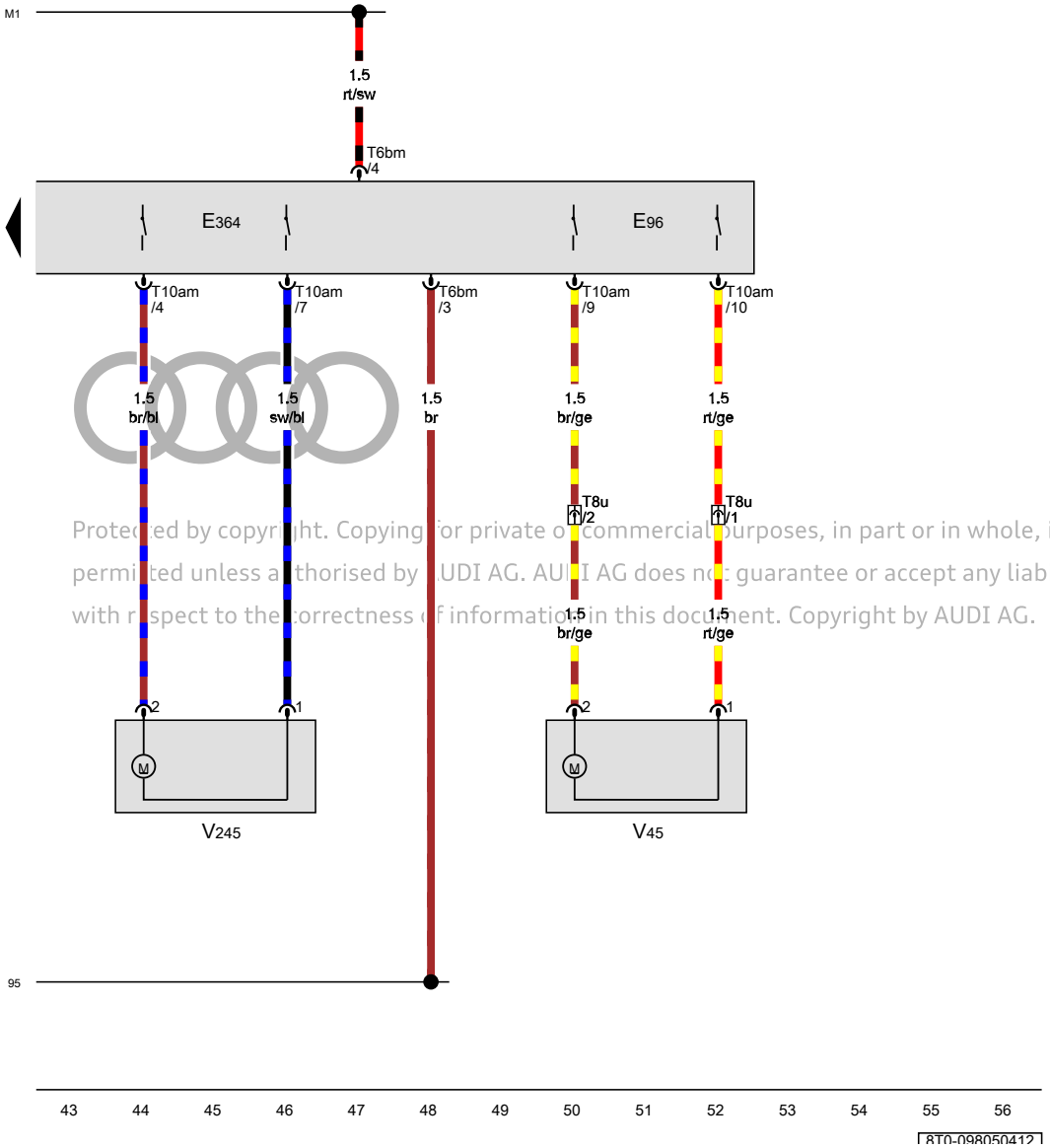
Driver seat rake adjustment switch, Driver seat longitudinal adjustment switch, Driver seat longitudinal adjustment motor, Driver seat rake adjustment motor

E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
T6bm	6-pin connector
T10am	10-pin connector
V28	Driver seat longitudinal adjustment motor
V243	Driver seat rake adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness

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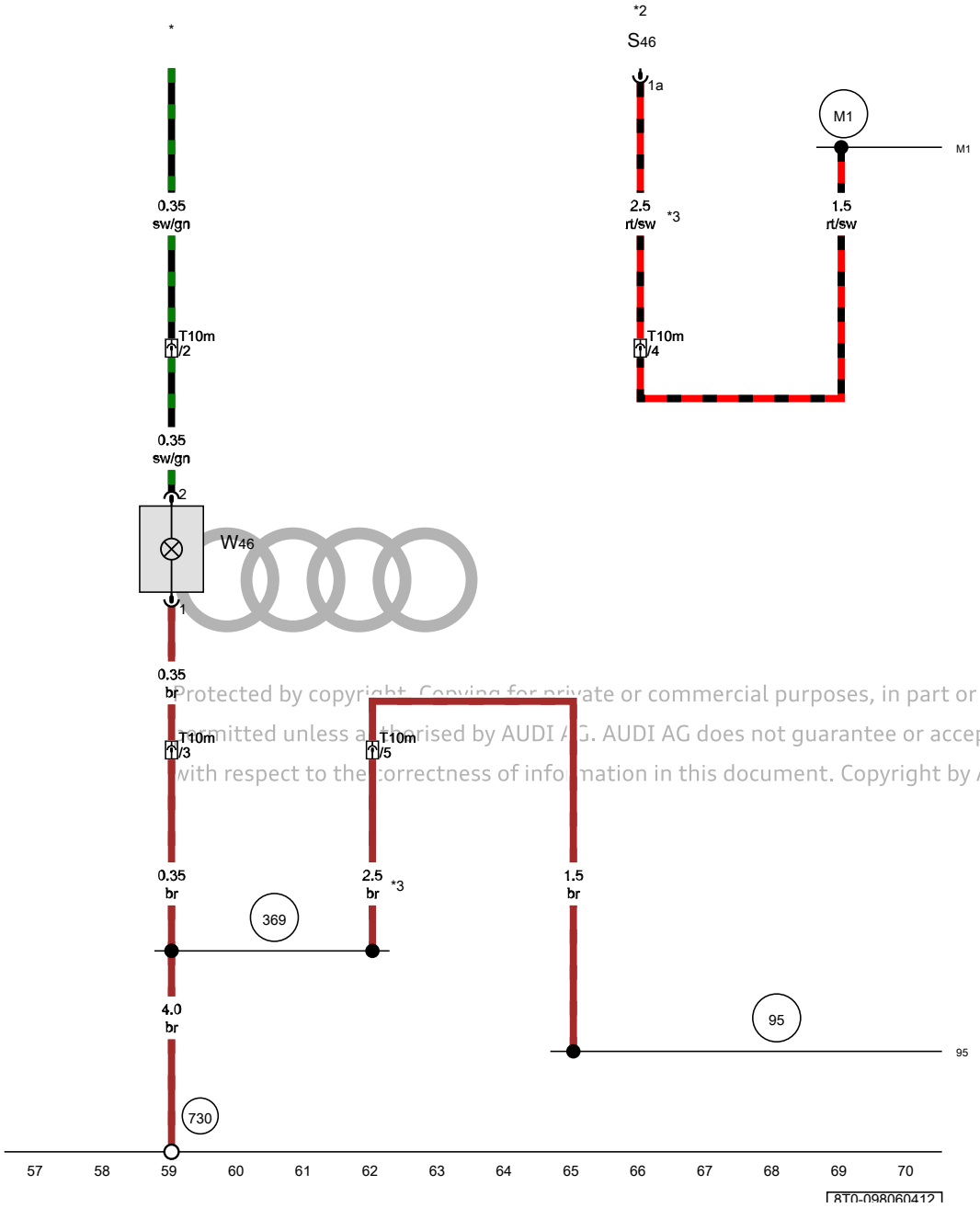


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Driver seat backrest adjustment switch, Driver seat height adjustment switch, Driver seat backrest adjustment motor, Driver seat height adjustment motor

E96	Driver seat backrest adjustment switch
E364	Driver seat height adjustment switch
T6bm	6-pin connector
T8u	8-pin connector, in driver seat
T10am	10-pin connector
V45	Driver seat backrest adjustment motor
V245	Driver seat height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness

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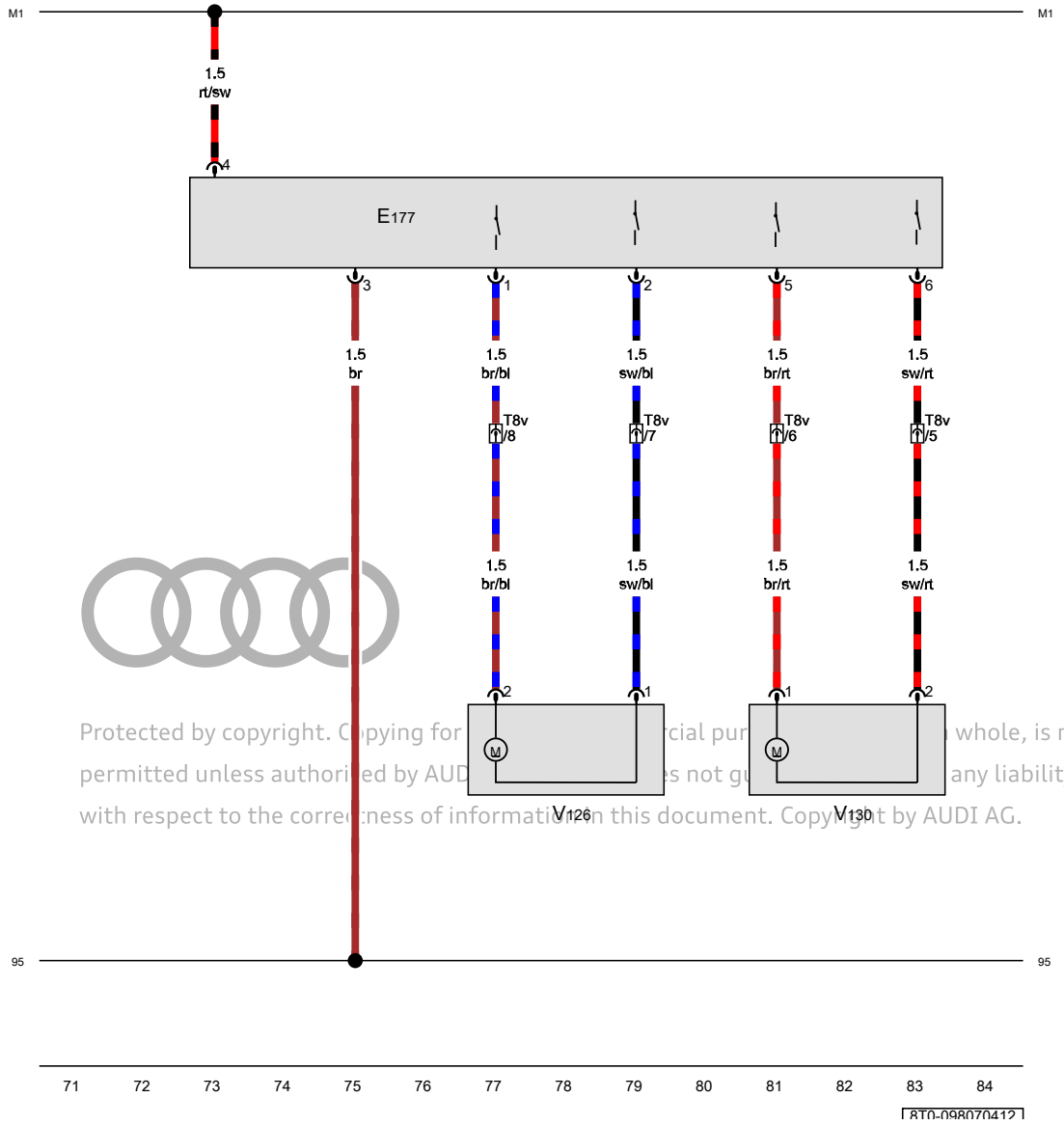


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Front passenger seat adjustment thermal fuse 1, Rear right footwell light

S46	Front passenger seat adjustment thermal fuse 1
T10m	10-pin connector, red
W46	Rear right footwell light
95	Earth connection 1, in seat adjustment wiring harness
369	Earth connection 4, in main wiring harness
730	Earth point 1, on right rear wheel housing
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for basic equipment
*2	see applicable current flow diagram for fuse assignment
*3	Cross-section 1.5 possible



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Front passenger seat lumbar support adjustment switch, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

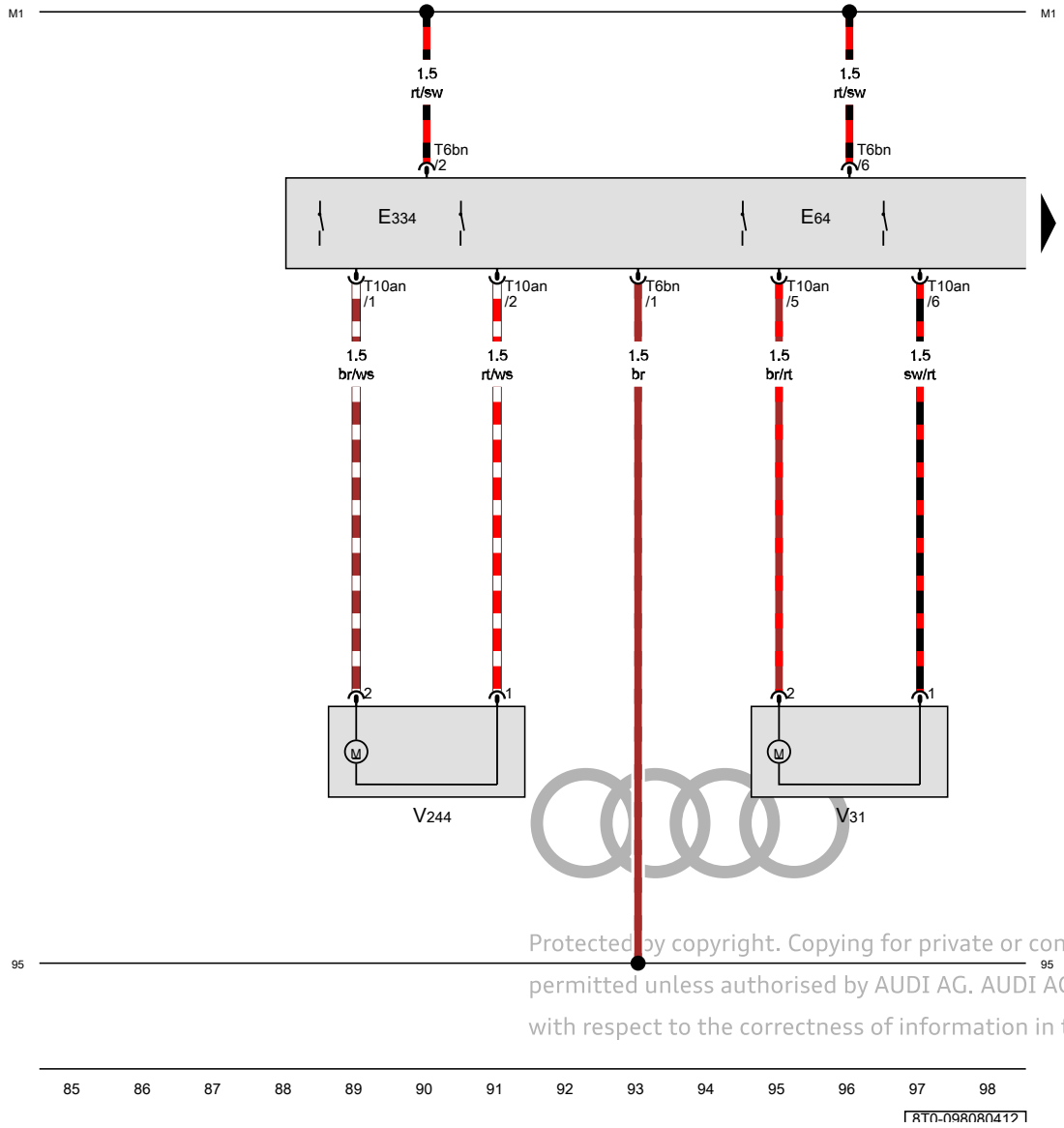
E177 Front passenger seat lumbar support adjustment switch
T8v 8-pin connector, in front passenger seat
V126 Front passenger seat lumbar support longitudinal adjustment motor
V130 Front passenger seat lumbar support height adjustment motor

95 Earth connection 1, in seat adjustment wiring harness

M1 Positive connection 1 (30), in seat adjustment wiring harness

Front passenger seat longitudinal adjustment switch, Front passenger seat rake adjustment button, Front passenger seat longitudinal adjustment motor, Front passenger seat rake adjustment motor

E64	Front passenger seat longitudinal adjustment switch
E334	Front passenger seat rake adjustment button
T6bn	6-pin connector
T10an	10-pin connector
V31	Front passenger seat longitudinal adjustment motor
V244	Front passenger seat rake adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness

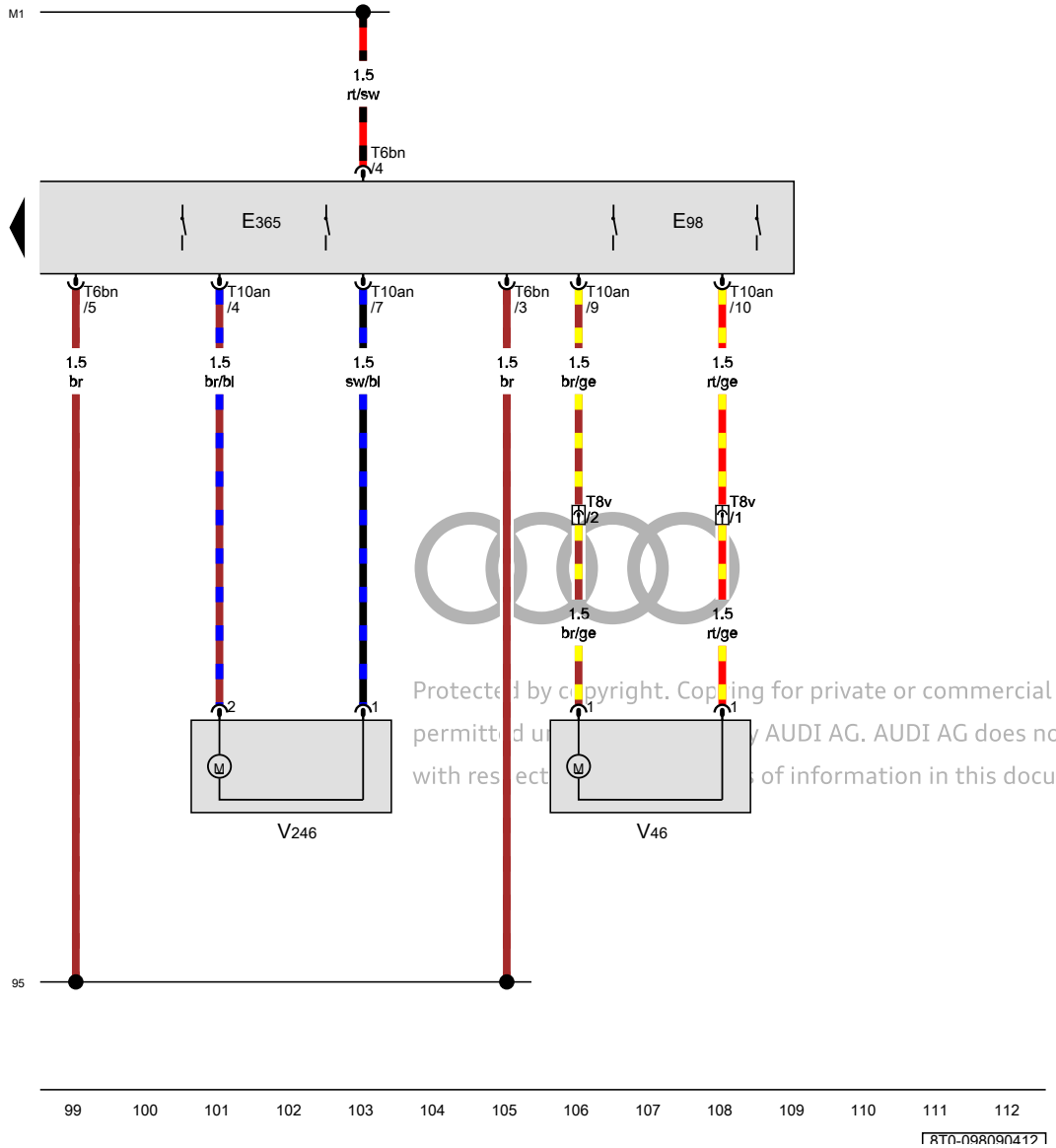


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Front passenger seat backrest adjustment switch, Front passenger seat height adjustment switch, Front passenger seat backrest adjustment motor, Front passenger seat height adjustment motor

E98	Front passenger seat backrest adjustment switch
E365	Front passenger seat height adjustment switch
T6bn	6-pin connector
T8v	8-pin connector, in front passenger seat
T10an	10-pin connector
V46	Front passenger seat backrest adjustment motor
V246	Front passenger seat height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness



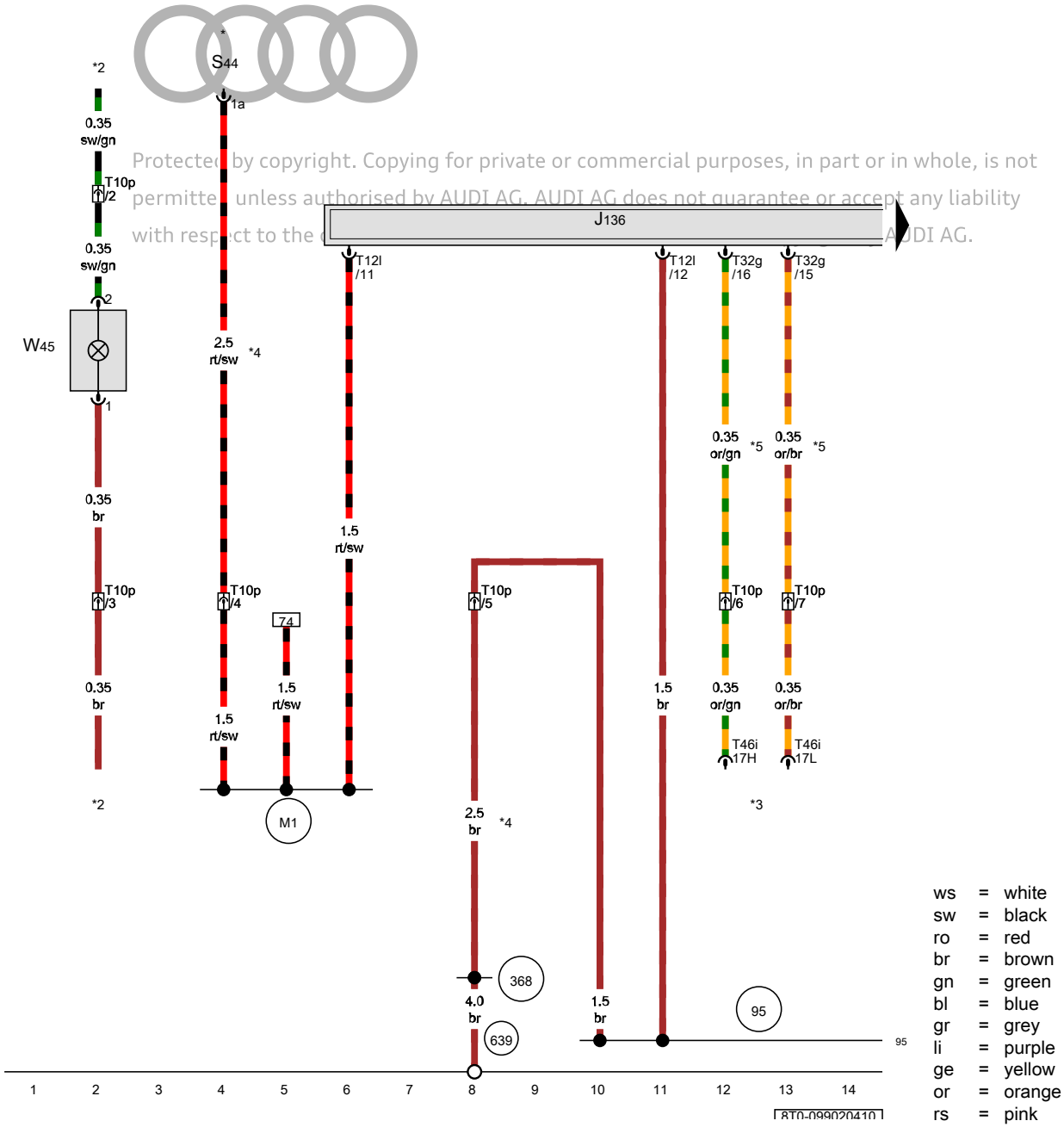
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Adjustable driver seat with memory function, seat ventilation and seat heating, 5-door vehicle

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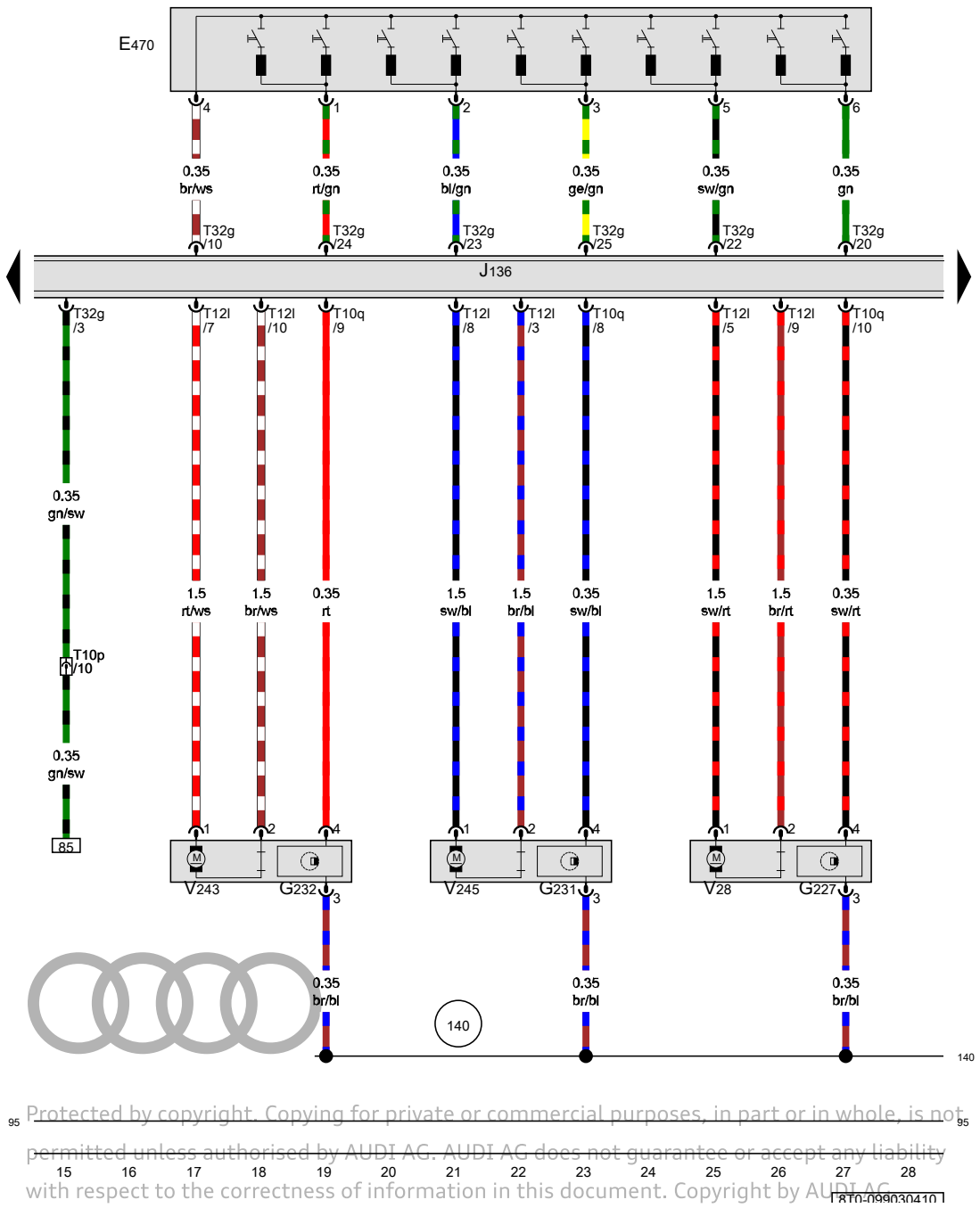


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Seat and steering column adjustment control unit with memory, Driver seat adjustment thermal fuse 1, Rear left footwell light

J136	Seat and steering column adjustment control unit with memory
S44	Driver seat adjustment thermal fuse 1
T10p	10-pin connector, red
T12l	12-pin connector
T32g	32-pin connector
T46i	46-pin connector
W45	Rear left footwell light
95	Earth connection 1, in seat adjustment wiring harness
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	see applicable current flow diagram for data bus network
*4	Cross-section 1.5 possible
*5	Data bus wire (CAN bus)



Longitudinal adjustment sender for driver seat, Height adjustment sender for driver seat, Rake adjustment sender for driver seat, Seat and steering column adjustment control unit with memory, Driver seat longitudinal adjustment motor, Driver seat rake adjustment motor, Driver seat height adjustment motor

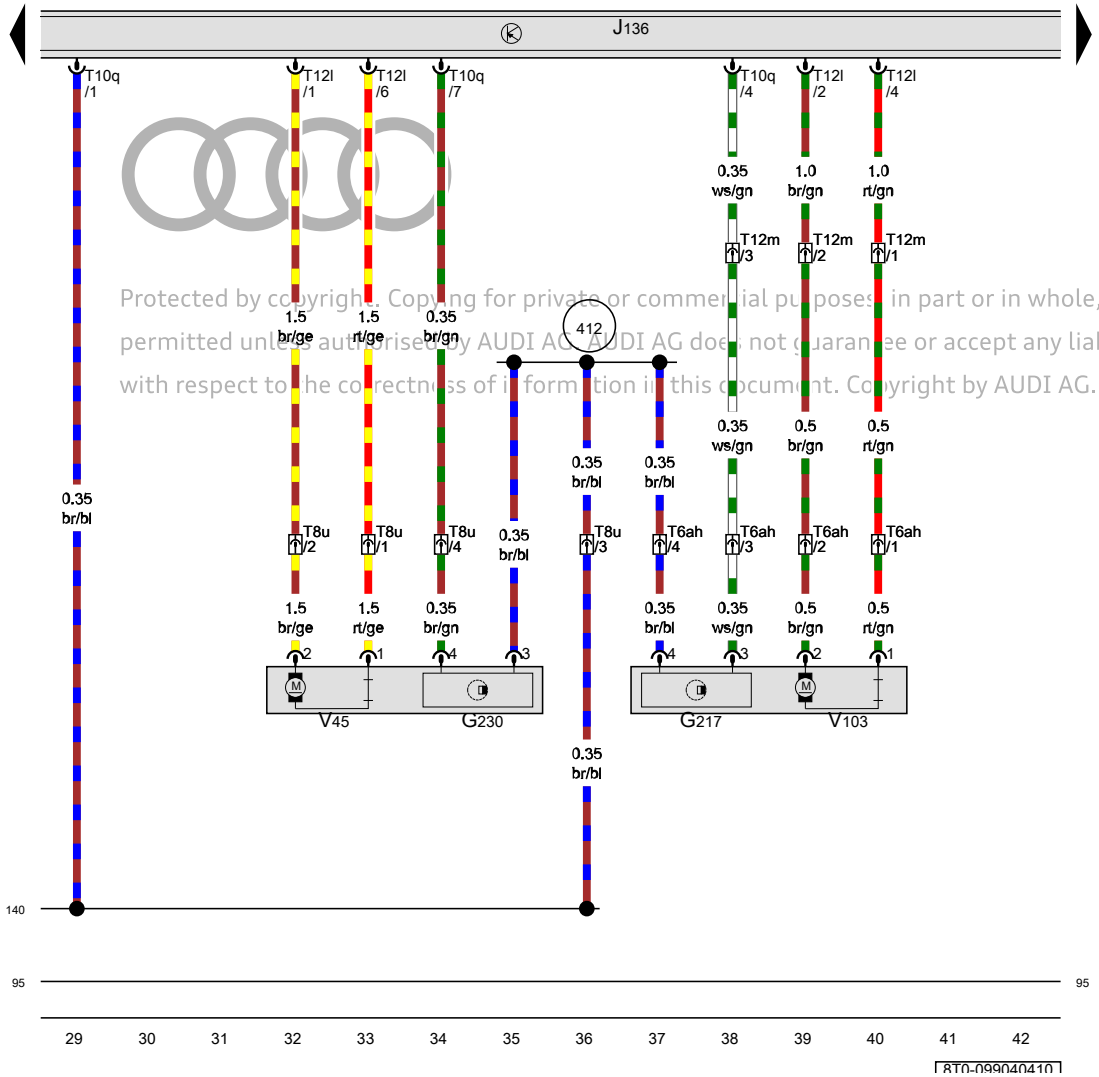
E470	Driver seat adjustment operating unit
G227	Longitudinal adjustment sender for driver seat
G231	Height adjustment sender for driver seat
G232	Rake adjustment sender for driver seat
J136	Seat and steering column adjustment control unit with memory
T10p	10-pin connector, red
T10q	10-pin connector
T12l	12-pin connector
T32g	32-pin connector
V28	Driver seat longitudinal adjustment motor
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
140	Earth connection 2, in seat adjustment wiring harness

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Head restraint height adjustment sender for driver seat, Backrest adjustment sender for driver seat, Seat and steering column adjustment control unit with memory, Driver seat backrest adjustment motor, Driver seat head restraint adjustment motor

G217	Head restraint height adjustment sender for driver seat
G230	Backrest adjustment sender for driver seat
J136	Seat and steering column adjustment control unit with memory
T6ah	6-pin connector, in driver seat
T8u	8-pin connector, in driver seat
T10q	10-pin connector
T12l	12-pin connector
T12m	12-pin connector, in driver seat
V45	Driver seat backrest adjustment motor
V103	Driver seat head restraint adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
140	Earth connection 2, in seat adjustment wiring harness
412	Earth connection 3, in seat adjustment wiring harness

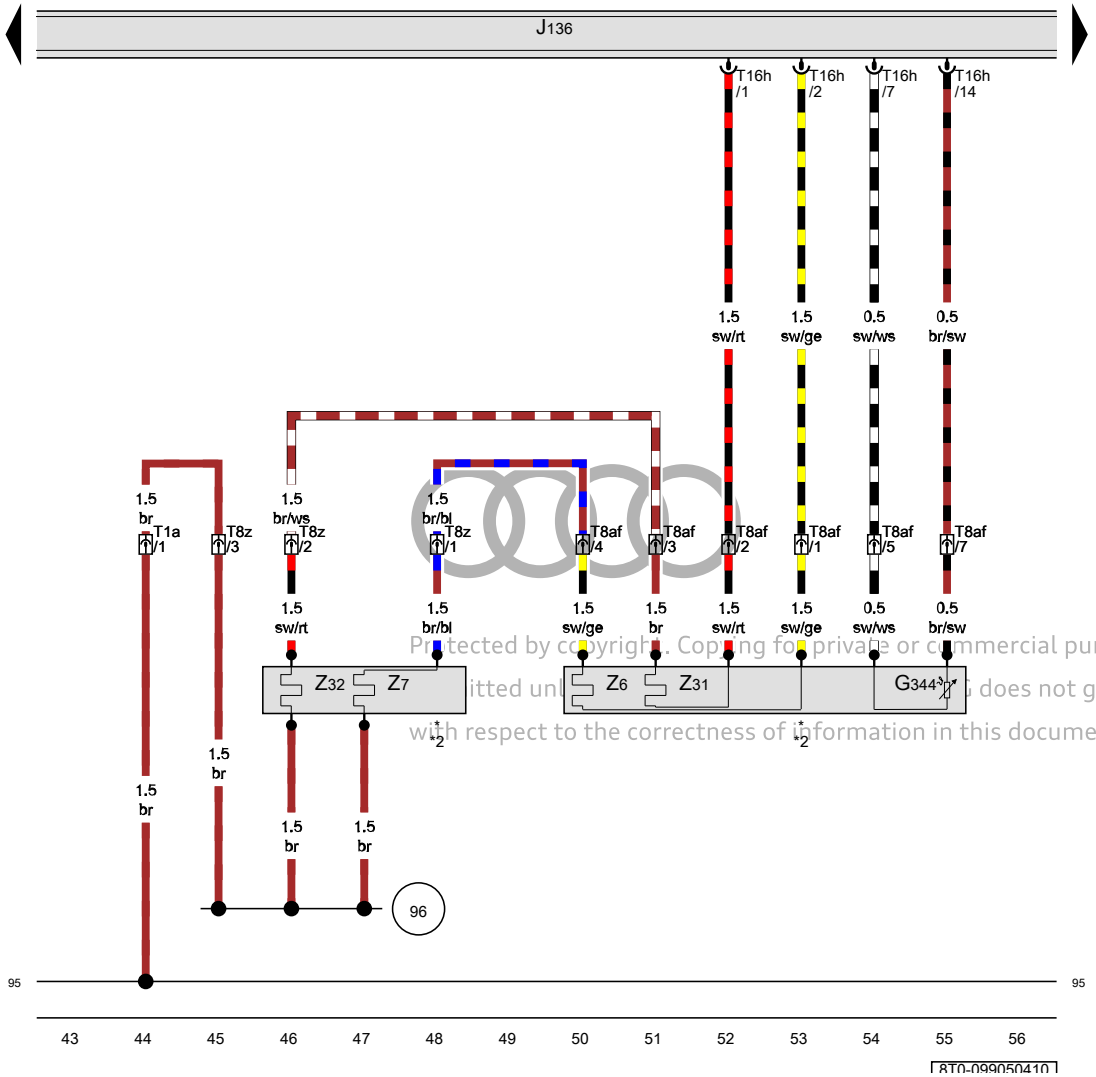


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Front left seat temperature sender, Seat and steering column adjustment control unit with memory, Heated seat cushion for driver seat, Heated backrest for driver seat, Driver seat cushion lateral support heater, Driver seat backrest lateral support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

G344	Front left seat temperature sender
J136	Seat and steering column adjustment control unit with memory
T1a	Single connector, under seat
T8af	8-pin connector, in driver seat
T8z	8-pin connector, in driver seat
T16h	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
95	Earth connection 1, in seat adjustment wiring harness
96	Earth connection 1, in seat heating wiring harness
*	Only models with ventilated seats
*2	see applicable current flow diagram for seat heating

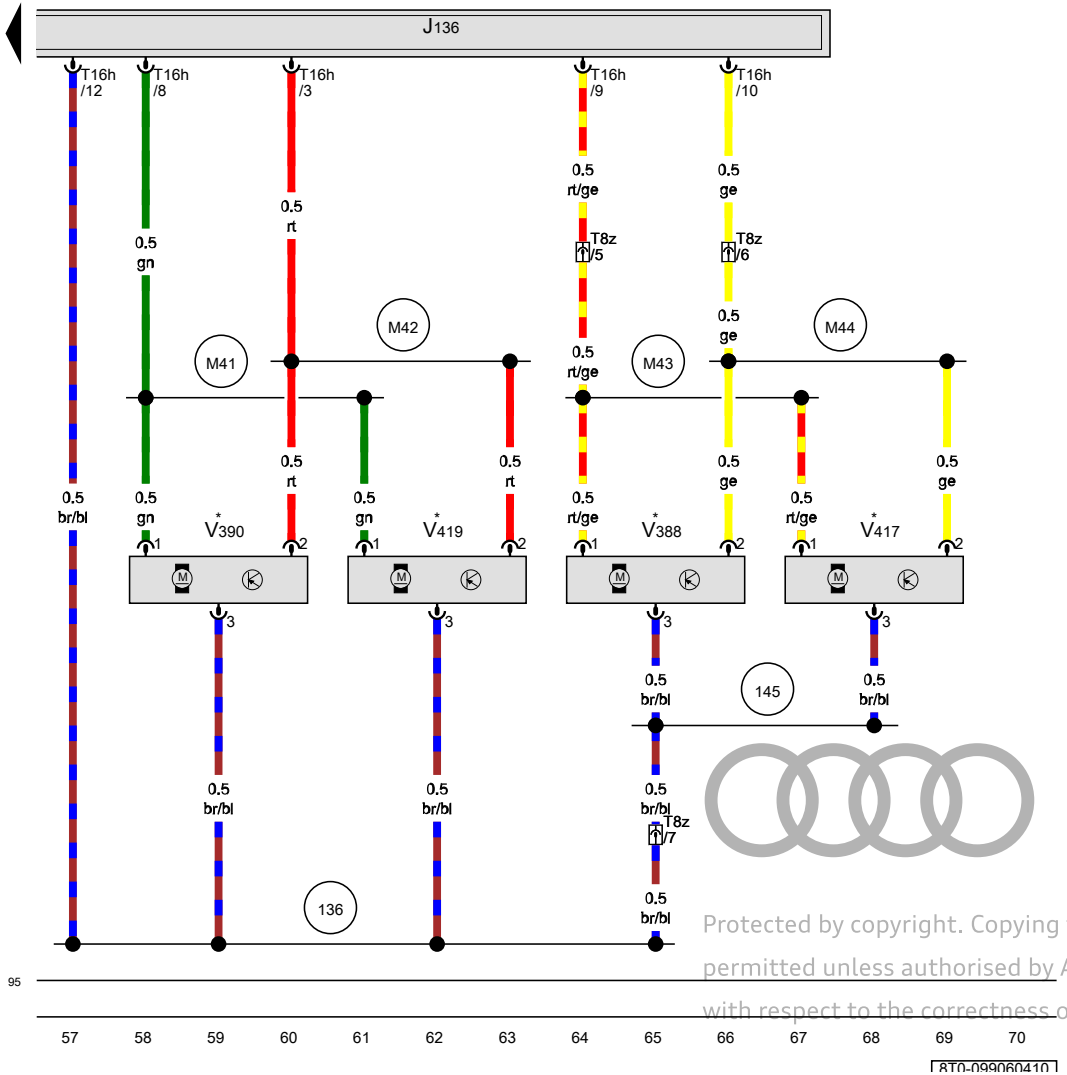


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Seat and steering column adjustment control unit with memory, Driver seat backrest fan, Driver seat cushion fan, Driver seat backrest fan 2, Driver seat cushion fan 2

J136	Seat and steering column adjustment control unit with memory
T8z	8-pin connector, in driver seat
T16h	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
95	Earth connection 1, in seat adjustment wiring harness
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
*	Only models with ventilated seats

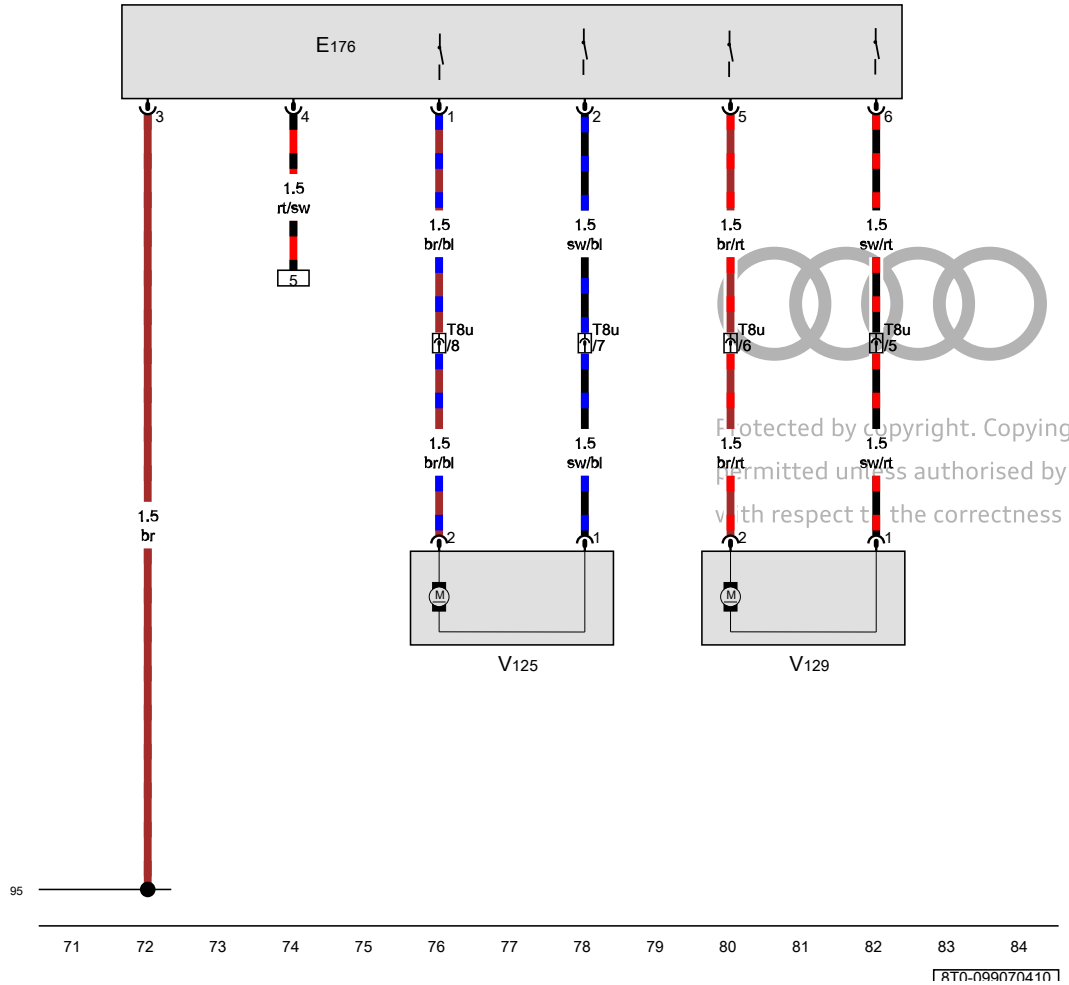


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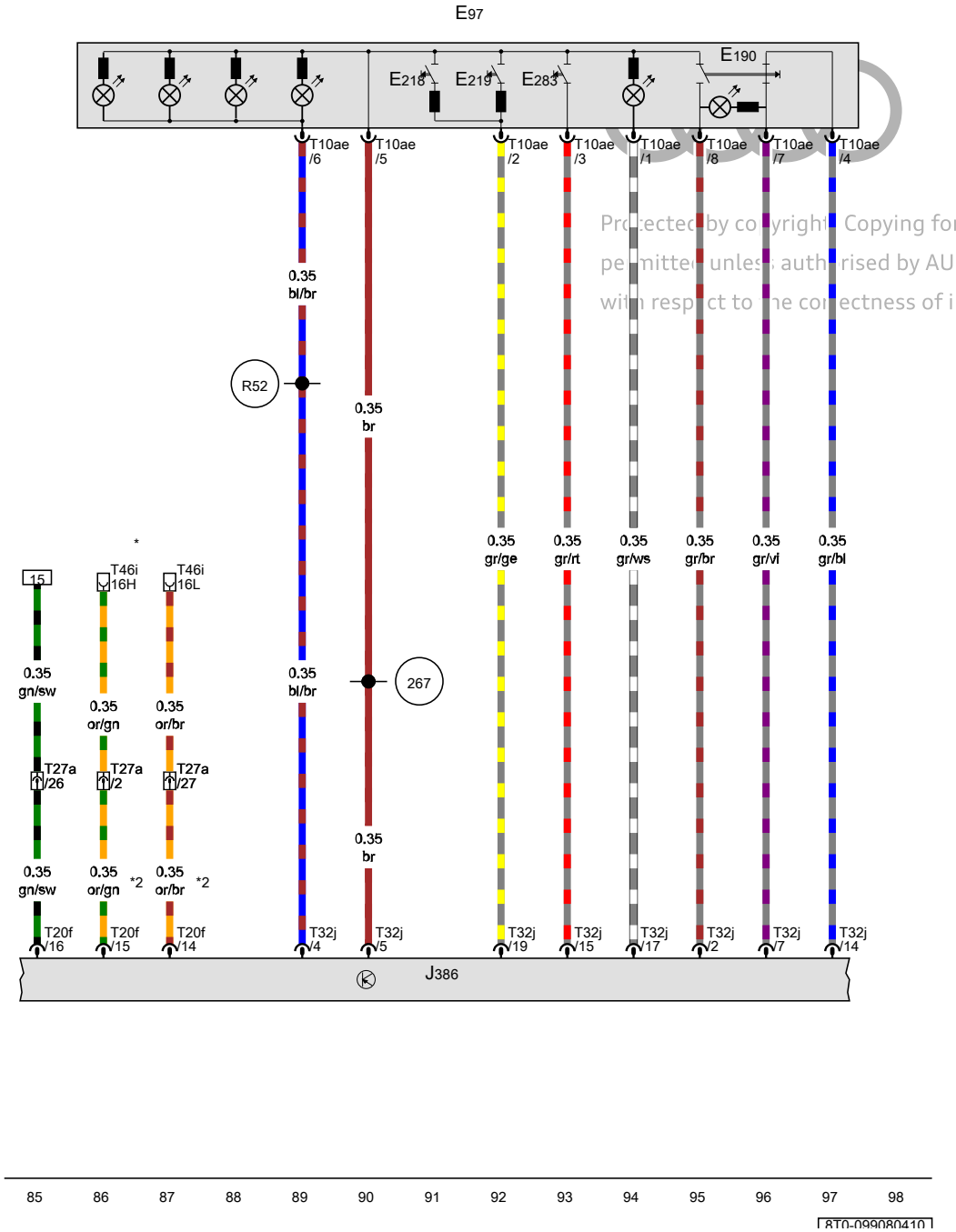
Driver seat lumbar support adjustment switch, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

E176	Driver seat lumbar support adjustment switch
T8u	8-pin connector, in driver seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness



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Driver seat memory operating unit, 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
T10ae	10-pin connector
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T32j	32-pin connector
T46i	46-pin connector
267	Earth connection 2, in drive side door wiring harness
R52	Connection (58s), in driver side door wiring harness
*	see applicable current flow diagram for data bus network
*2	Data bus wire (CAN bus)

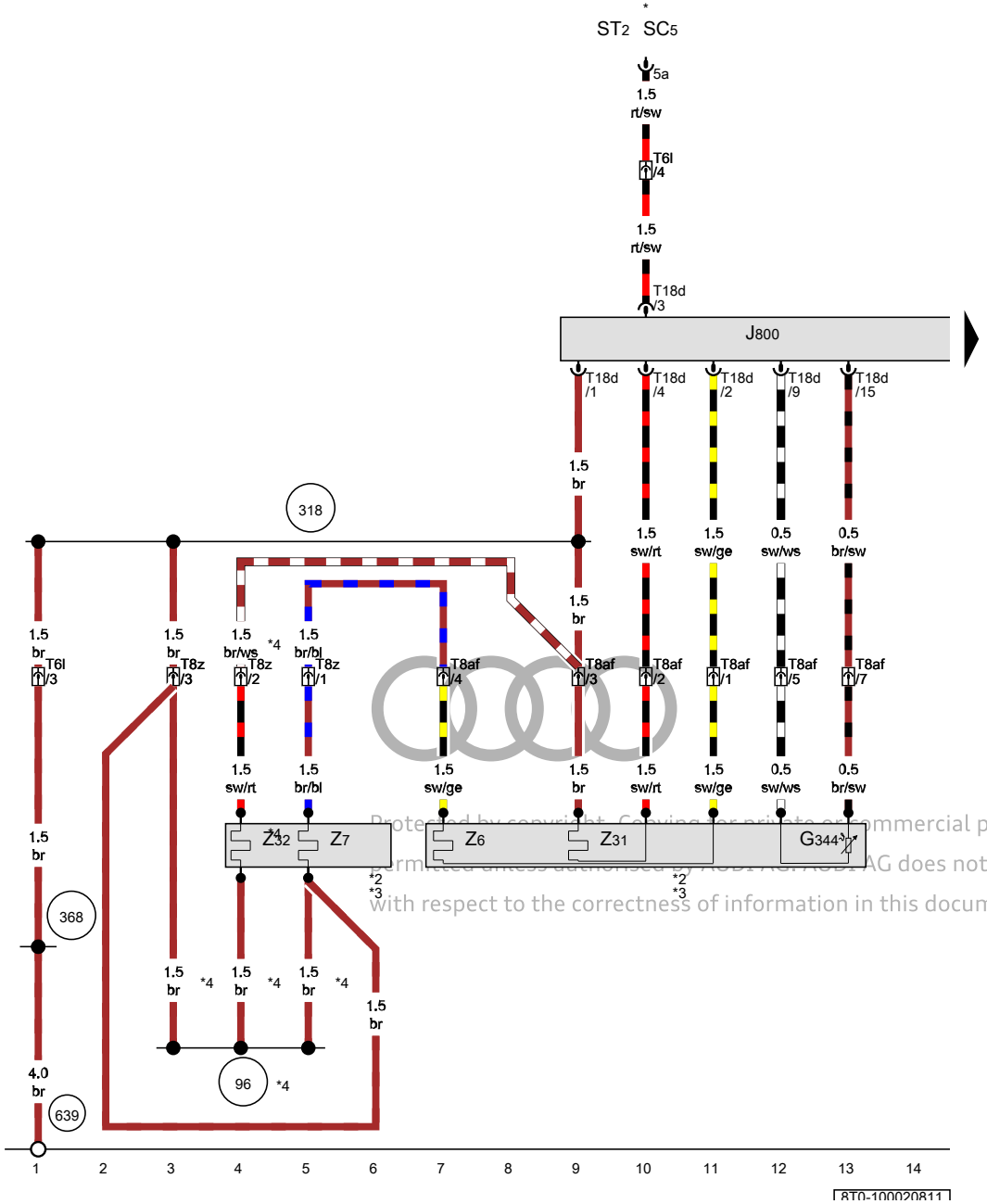
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Ventilated seat with seat heating, 5-door vehicle

From August 2009

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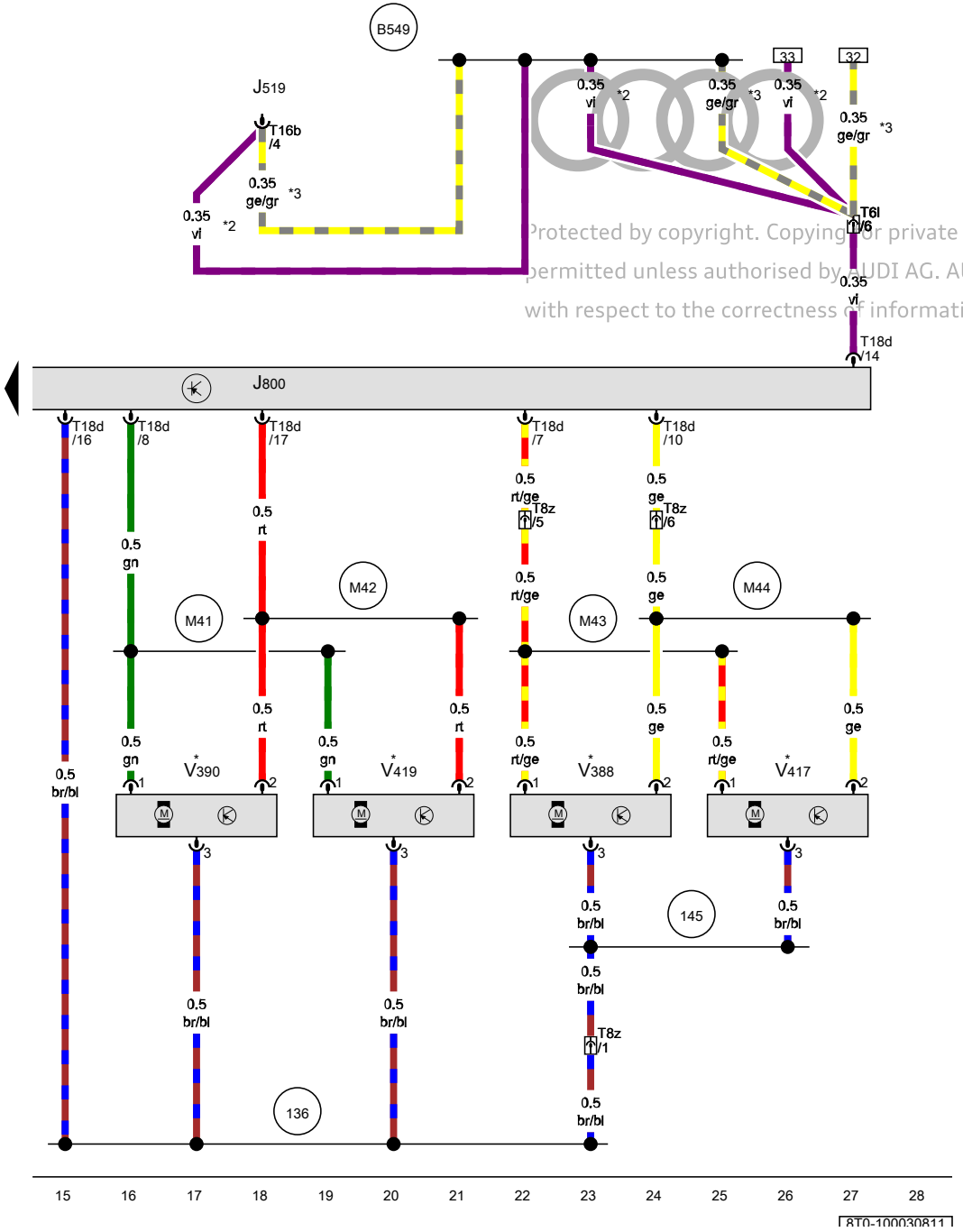


Front left seat temperature sender, Control unit for front left seat ventilation, Fuse carrier 2, Fuse 5 on fuse holder C, Heated seat cushion for driver seat, Heated backrest for driver seat, Driver seat cushion lateral support heater, Driver seat backrest lateral support heater

G344	Front left seat temperature sender
J800	Control unit for front left seat ventilation
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T6l	6-pin connector, green
T8af	8-pin connector, in driver seat
T8z	8-pin connector, in driver seat
T18d	18-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
318	Earth connection 4, in seat heating wiring harness
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	Only models with ventilated seats
*3	see applicable current flow diagram for seat heating
*4	Gradually discontinued

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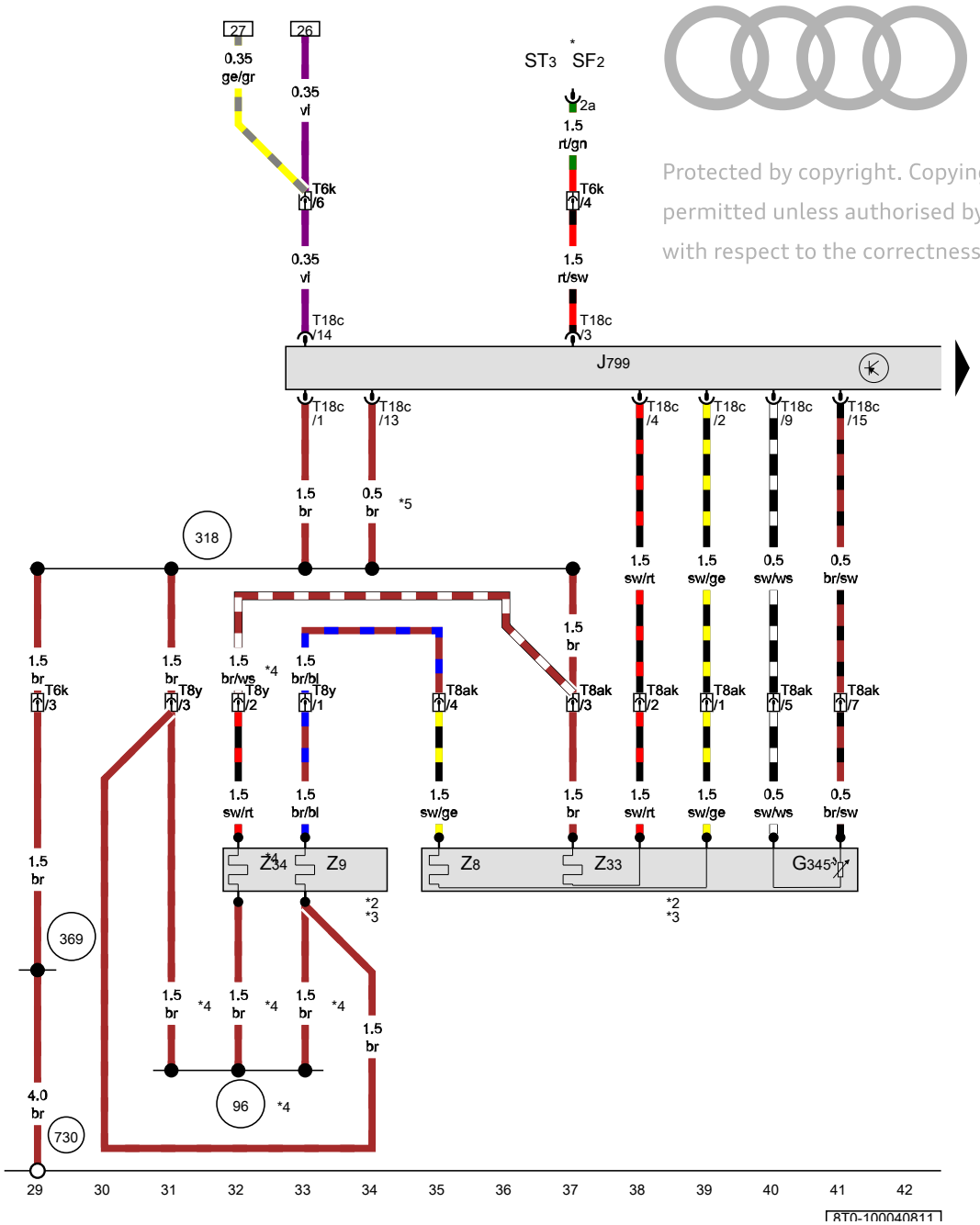


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Control unit for front left seat ventilation, Driver seat backrest fan, Driver seat cushion fan, Driver seat backrest fan 2, Driver seat cushion fan 2

J519	Onboard supply control unit
J800	Control unit for front left seat ventilation
T6l	6-pin connector, green
T8z	8-pin connector, in driver seat
T16b	16-pin connector
T18d	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
B549	Connection 2 (LIN bus) in main 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
*	Only models with ventilated seats
*2	Gradually discontinued
*3	gradual introduction

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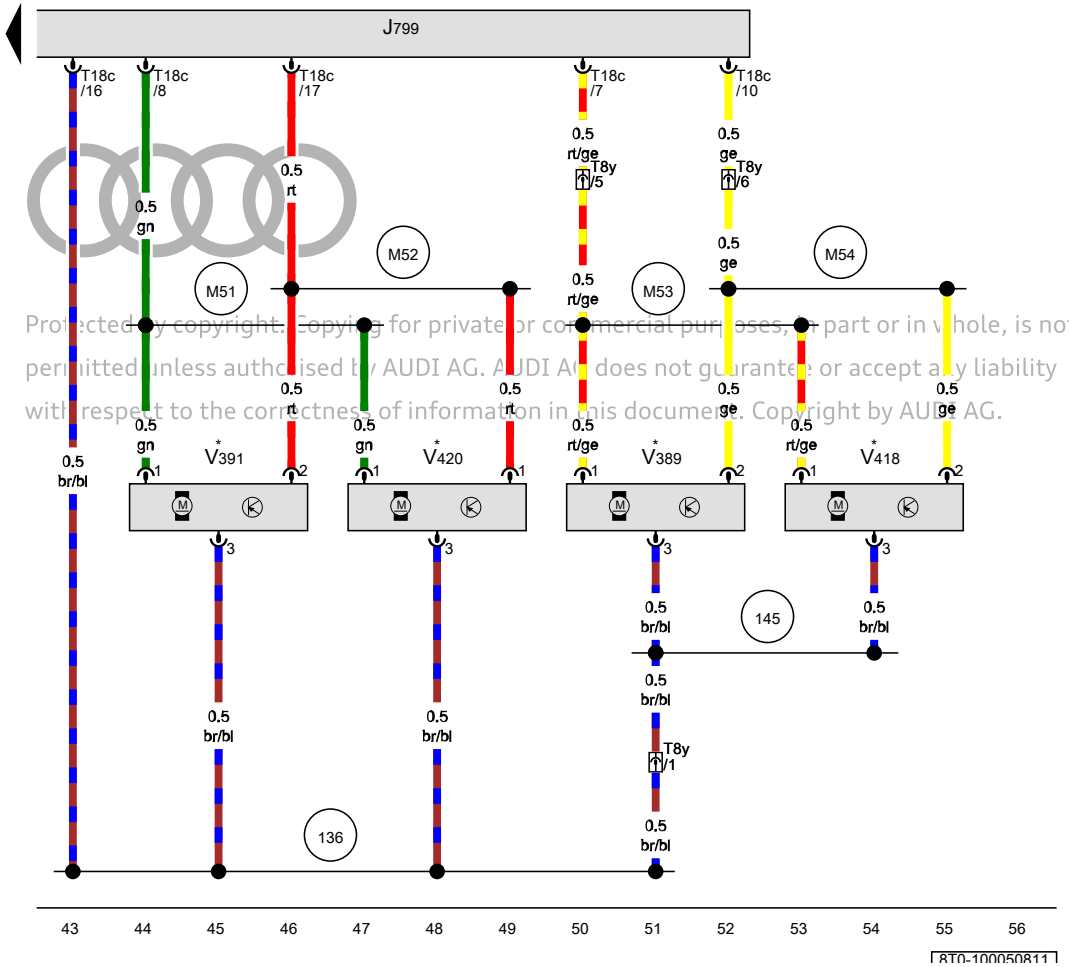
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Front right seat temperature sender, Control unit for front right seat ventilation, Heated seat cushion for front passenger seat, Front passenger seat lateral support heater, Front passenger seat backrest lateral support heater

G345	Front right seat temperature sender
J799	Control unit for front right seat ventilation
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
T6k	6-pin connector, green
T8ak	8-pin connector, in front passenger seat
T8y	8-pin connector, in front passenger seat
T18c	18-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
318	Earth connection 4, in seat heating wiring harness
369	Earth connection 4, in main wiring harness
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for fuse assignment
*2	Only models with ventilated seats
*3	see applicable current flow diagram for seat heating
*4	Gradually discontinued
*5	Coding wire for front passenger seat

Control unit for front right seat ventilation, Front passenger seat backrest fan, Front passenger seat cushion fan, Front passenger seat backrest fan 2, Front passenger seat cushion fan 2

J799	Control unit for front right seat ventilation
T8y	8-pin connector, in front passenger seat
T18c	18-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
*	Only models with ventilated seats



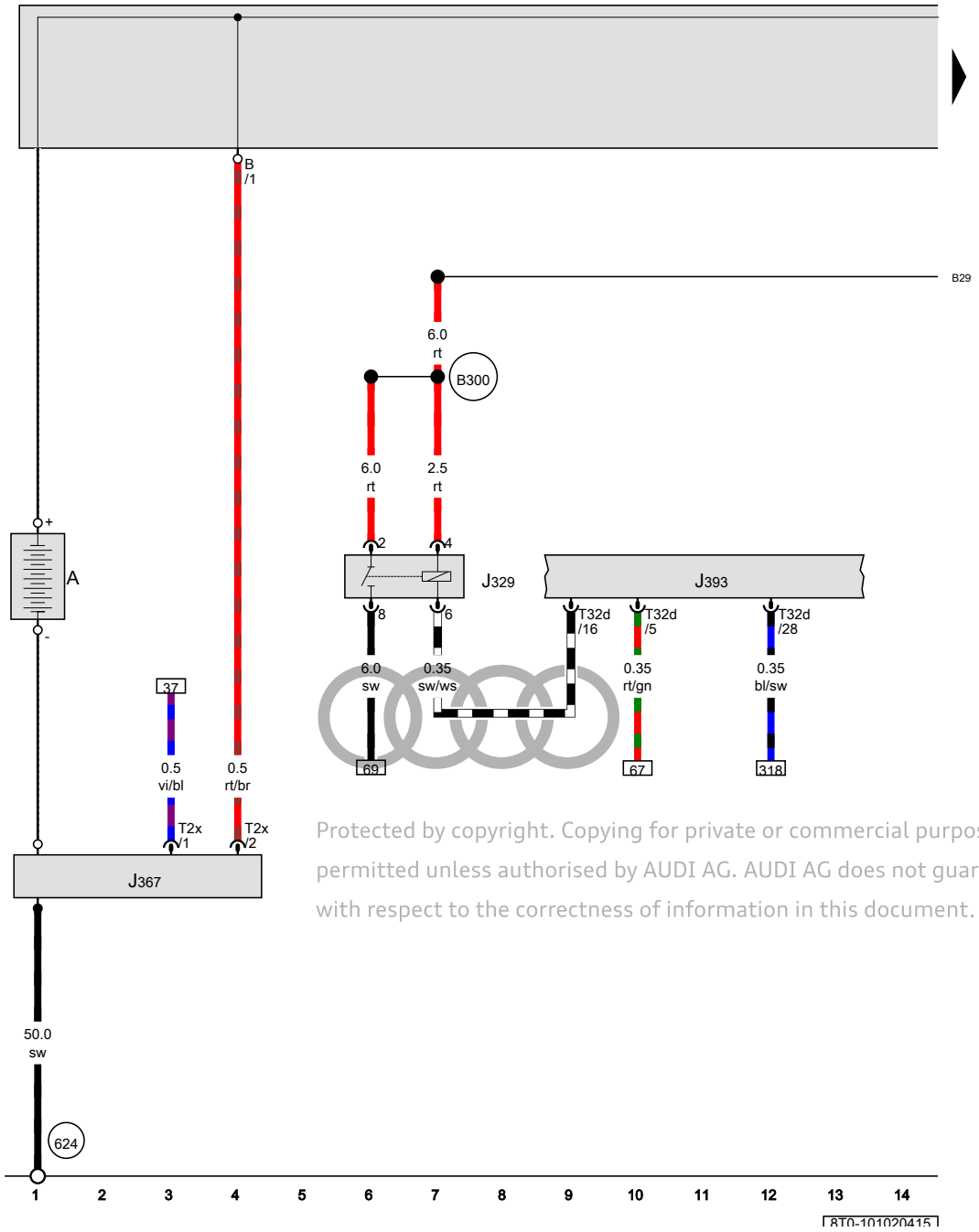
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4.2l petrol engine , CFSA

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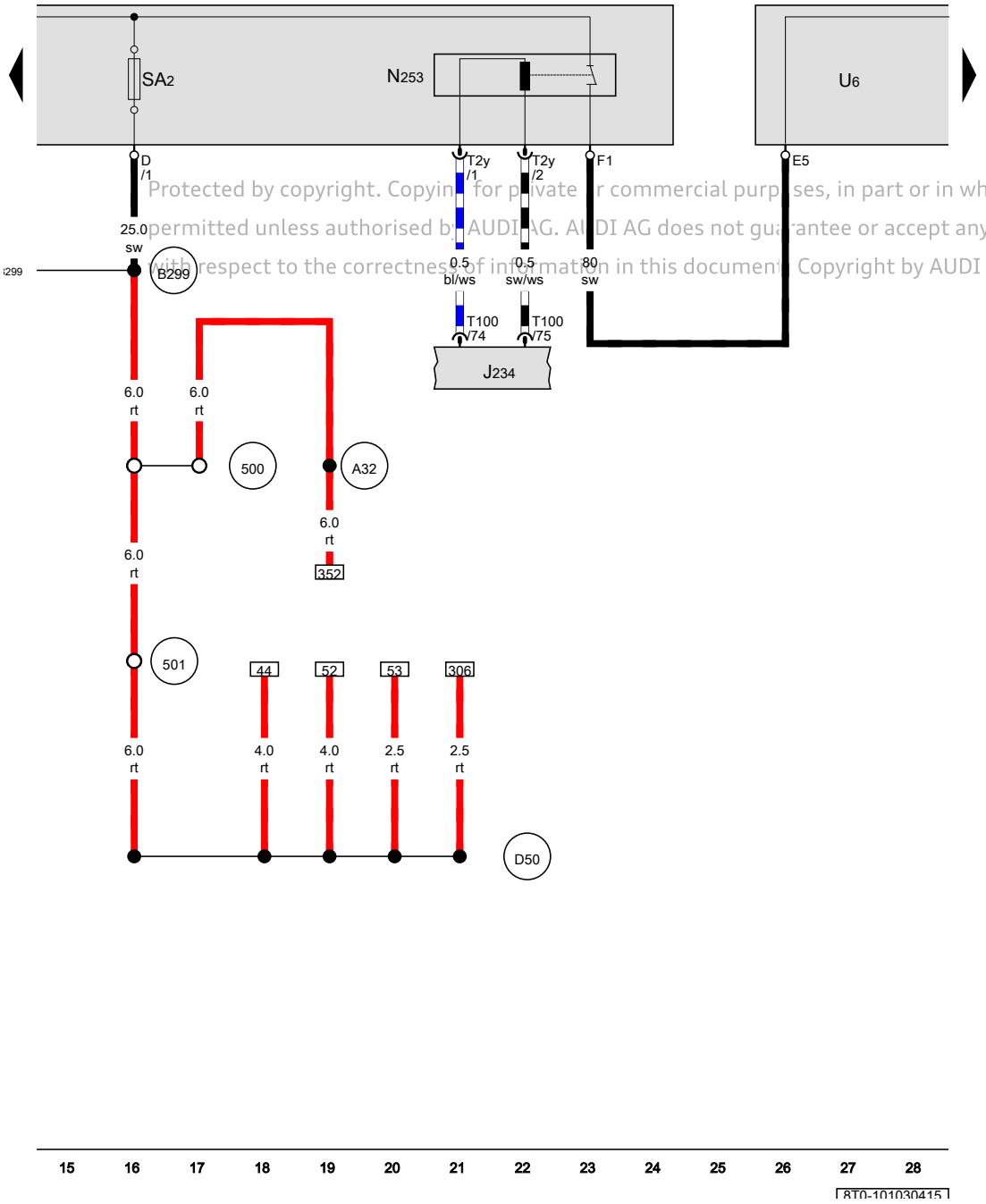


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness

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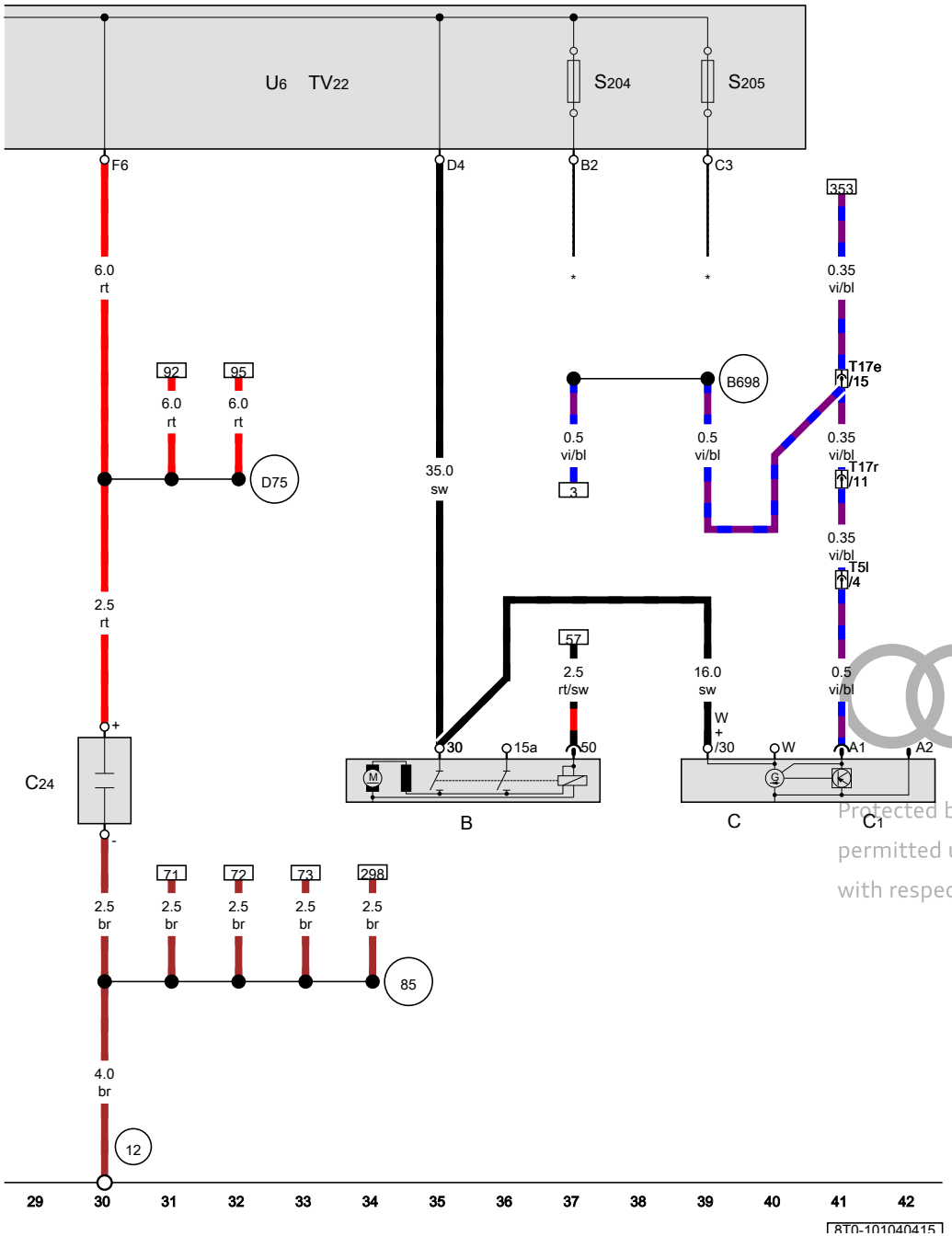


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Battery isolation igniter, Jump start socket

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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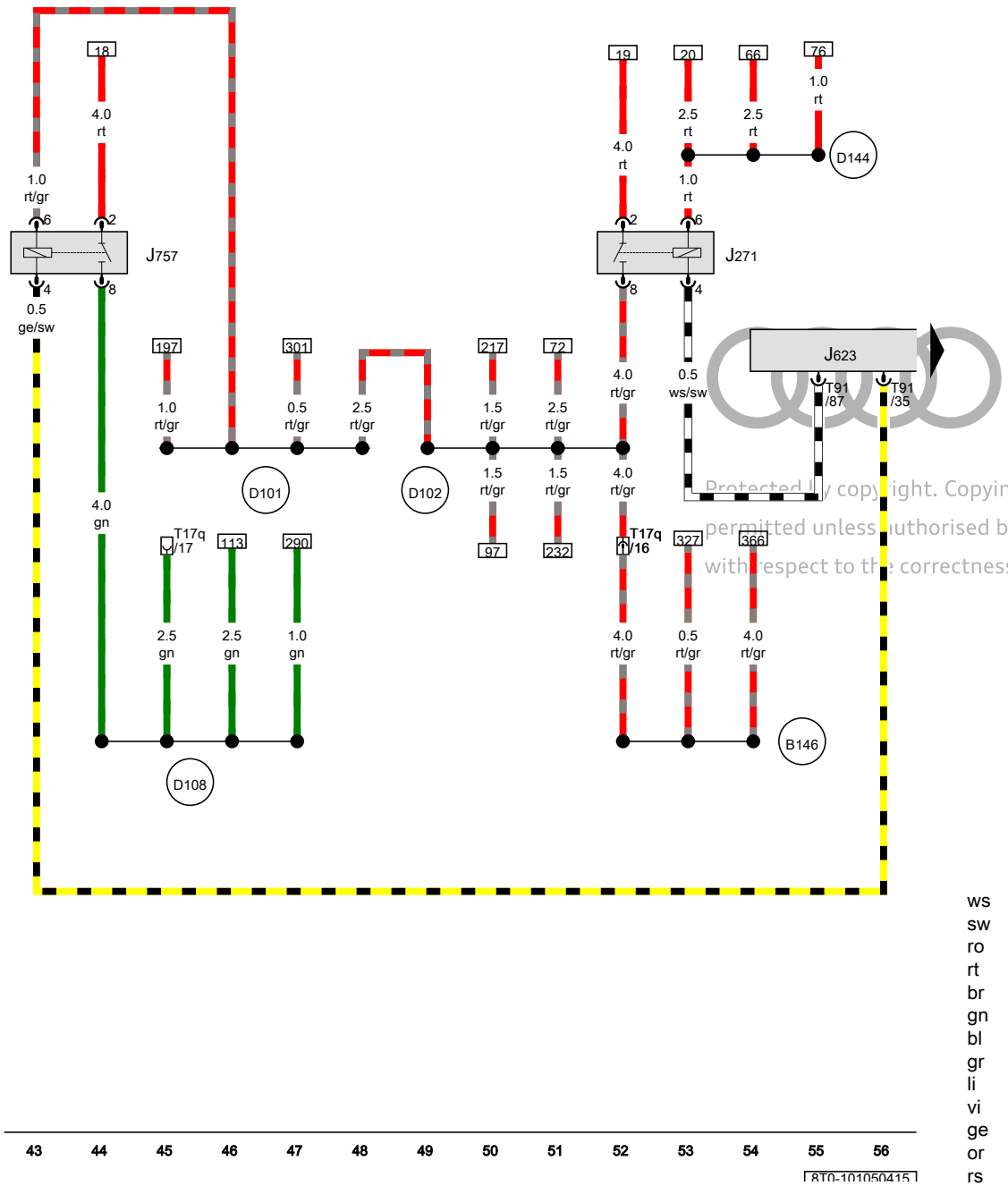


Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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Main relay, Engine control unit, Engine component current supply relay

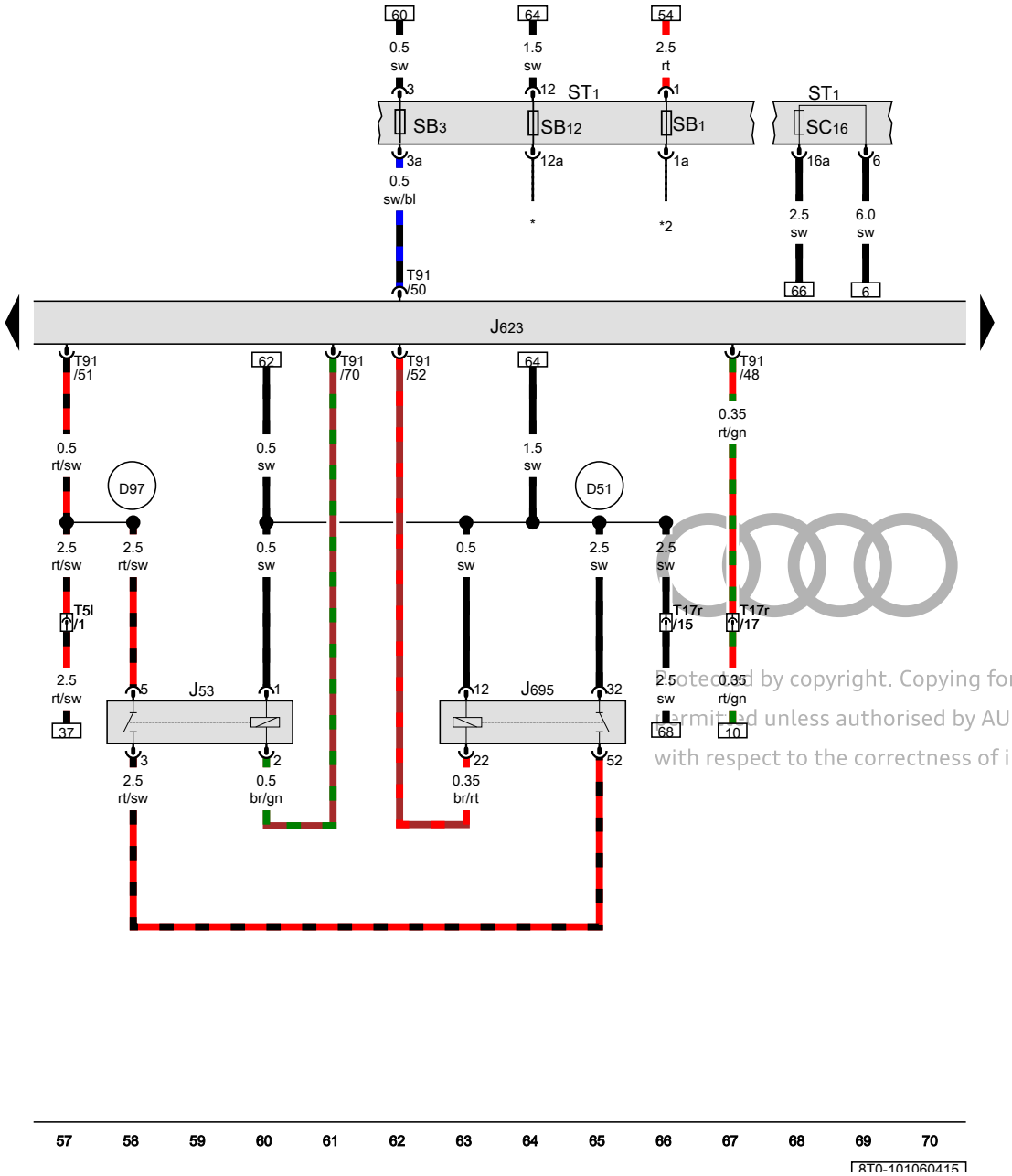
J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness

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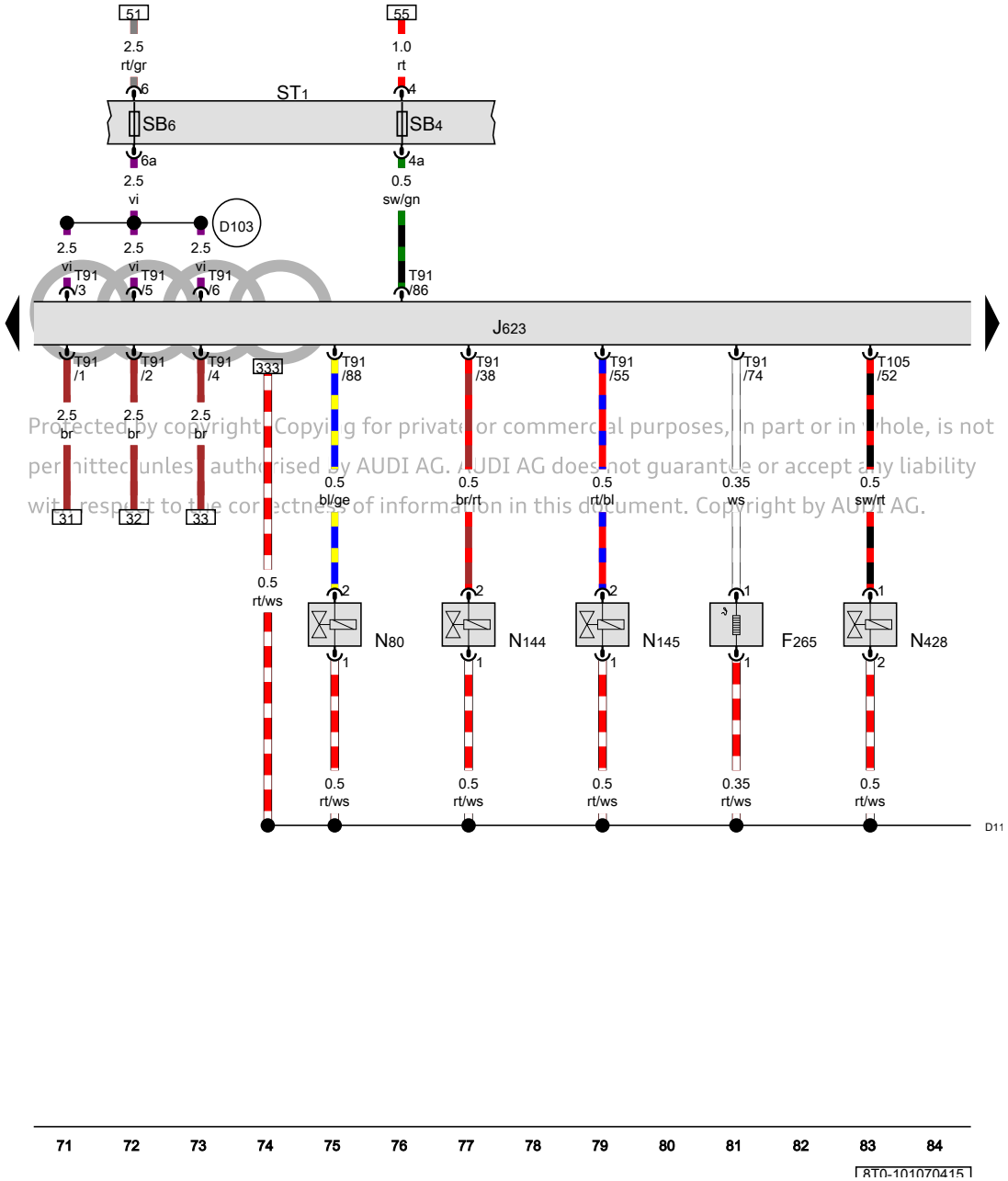
Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB12	Fuse 12 on fuse holder B
SC16	Fuse 16 on fuse holder C
T1	Single connector
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for gearbox



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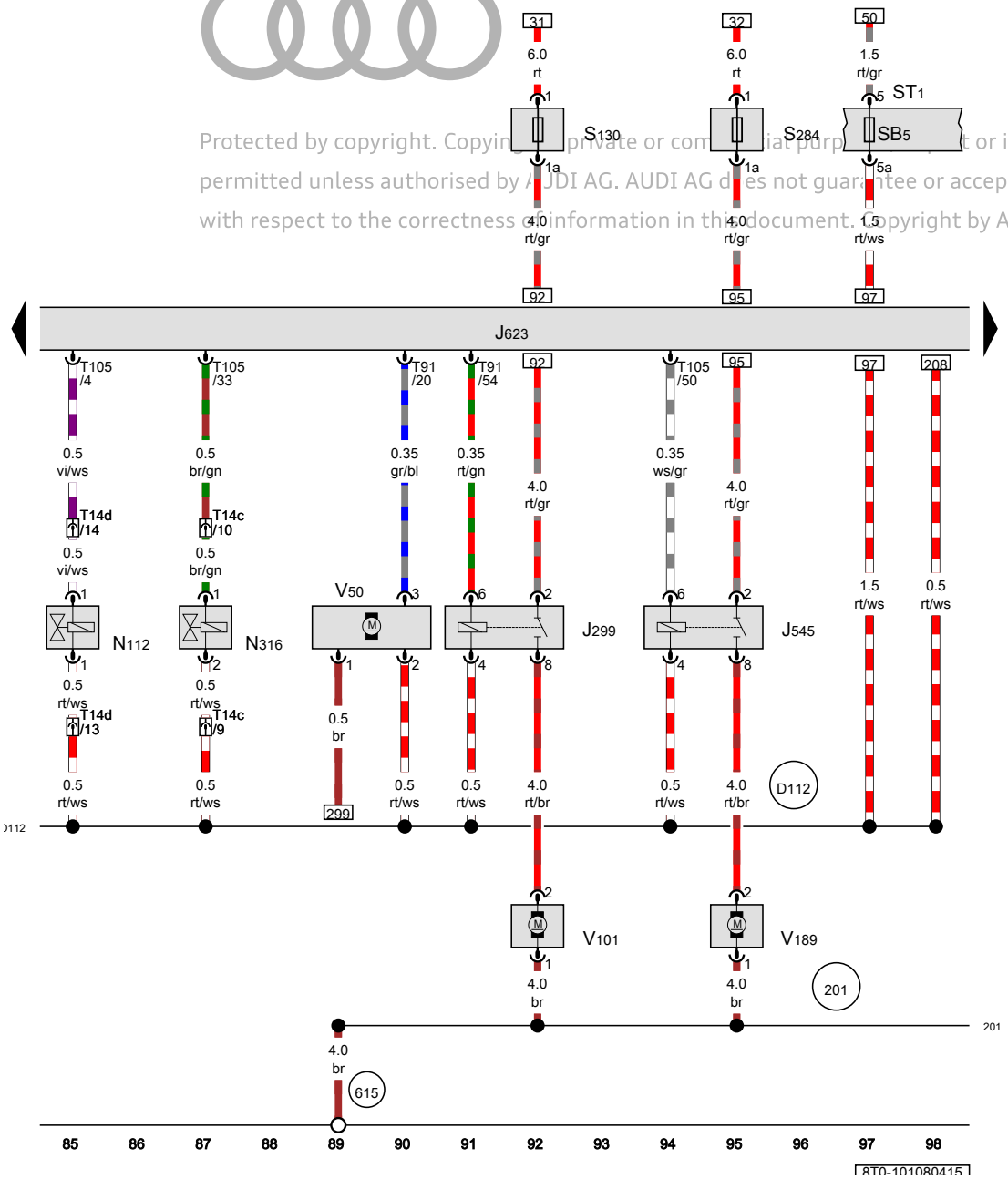
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Map-controlled engine cooling system thermostat, Engine control unit, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Valve for oil pressure control

F265	Map-controlled engine cooling system thermostat
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
N428	Valve for oil pressure control
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T91	91-pin connector
T105	105-pin connector
D103	Connection 3 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness

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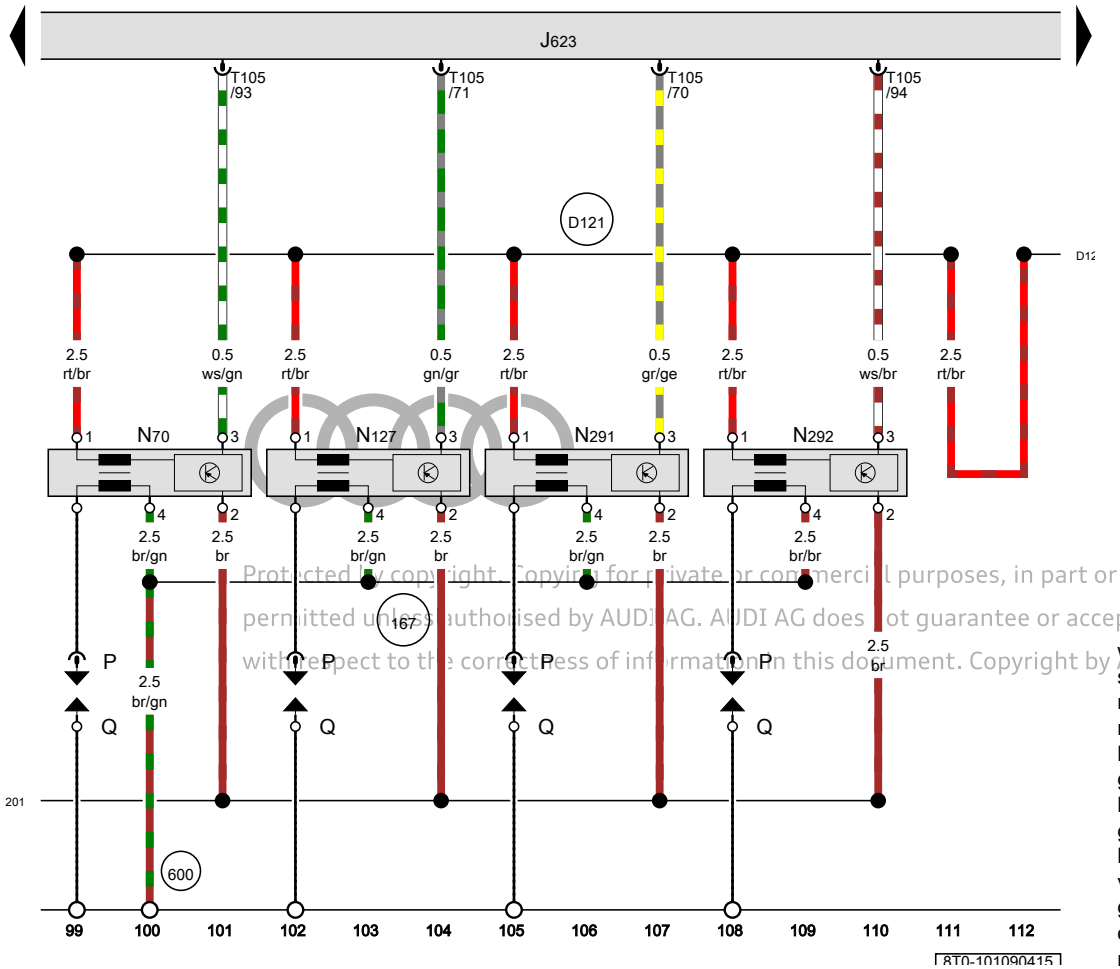
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Secondary air pump relay, Secondary air pump 2 relay, Engine control unit, Secondary air inlet valve, Intake manifold flap valve, Coolant circulation pump, Secondary air pump motor, Secondary air pump motor 2

J299	Secondary air pump relay
J545	Secondary air pump 2 relay
J623	Engine control unit
N112	Secondary air inlet valve
N316	Intake manifold flap valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
S130	Secondary air pump fuse
S284	Secondary air pump fuse 2
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
V50	Coolant circulation pump
V101	Secondary air pump motor
V189	Secondary air pump motor 2
201	Earth connection 5, in engine compartment wiring harness
615	Earth point, on left suspension strut
D112	Connection 10 in engine compartment wiring harness

Engine 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

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
T105	105-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness

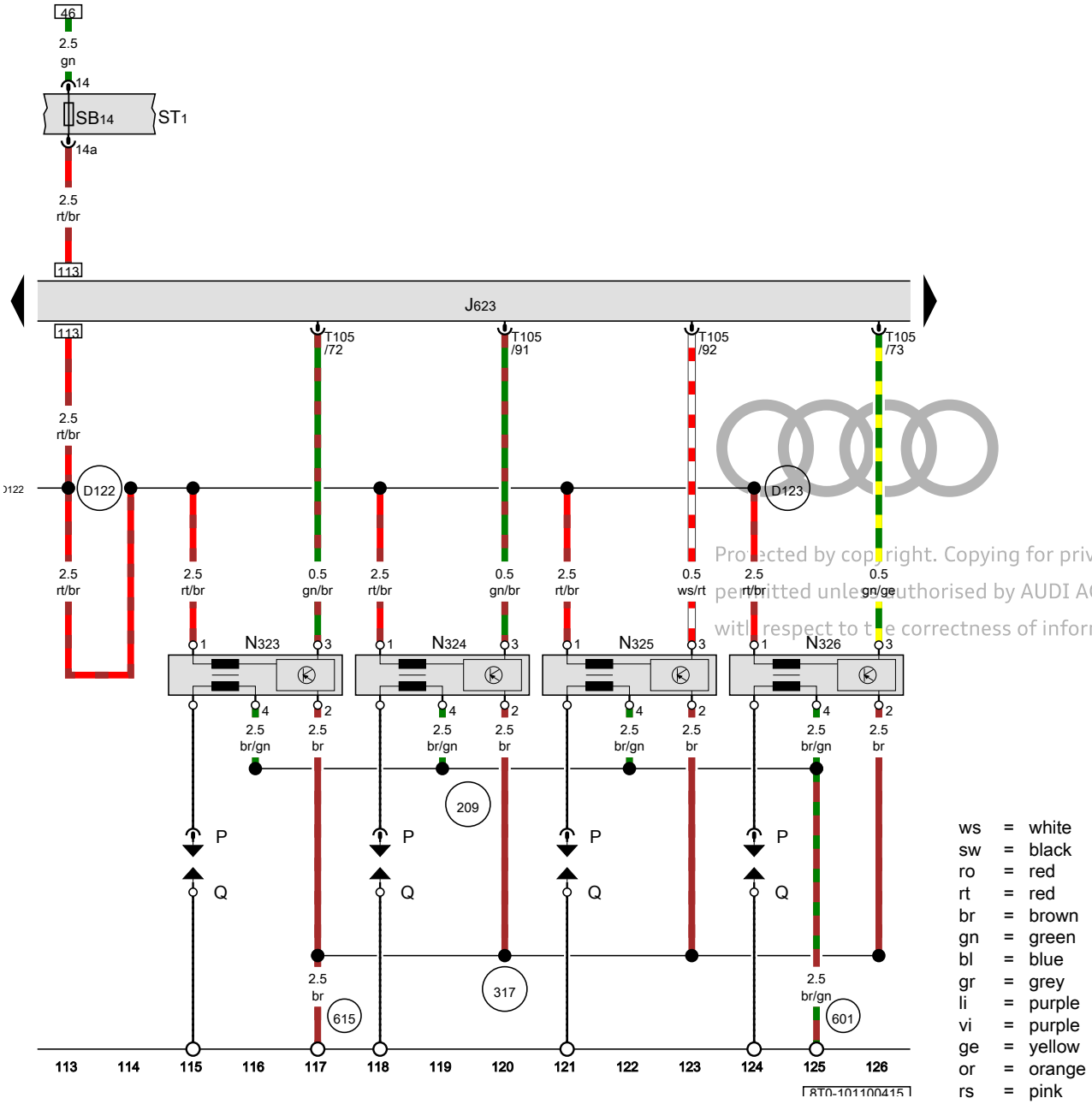


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rs	=	pink

Engine control unit, Ignition coil 5 with output stage, Ignition coil 6 with output stage, Ignition coil 7 with output stage, Ignition coil 8 with output stage

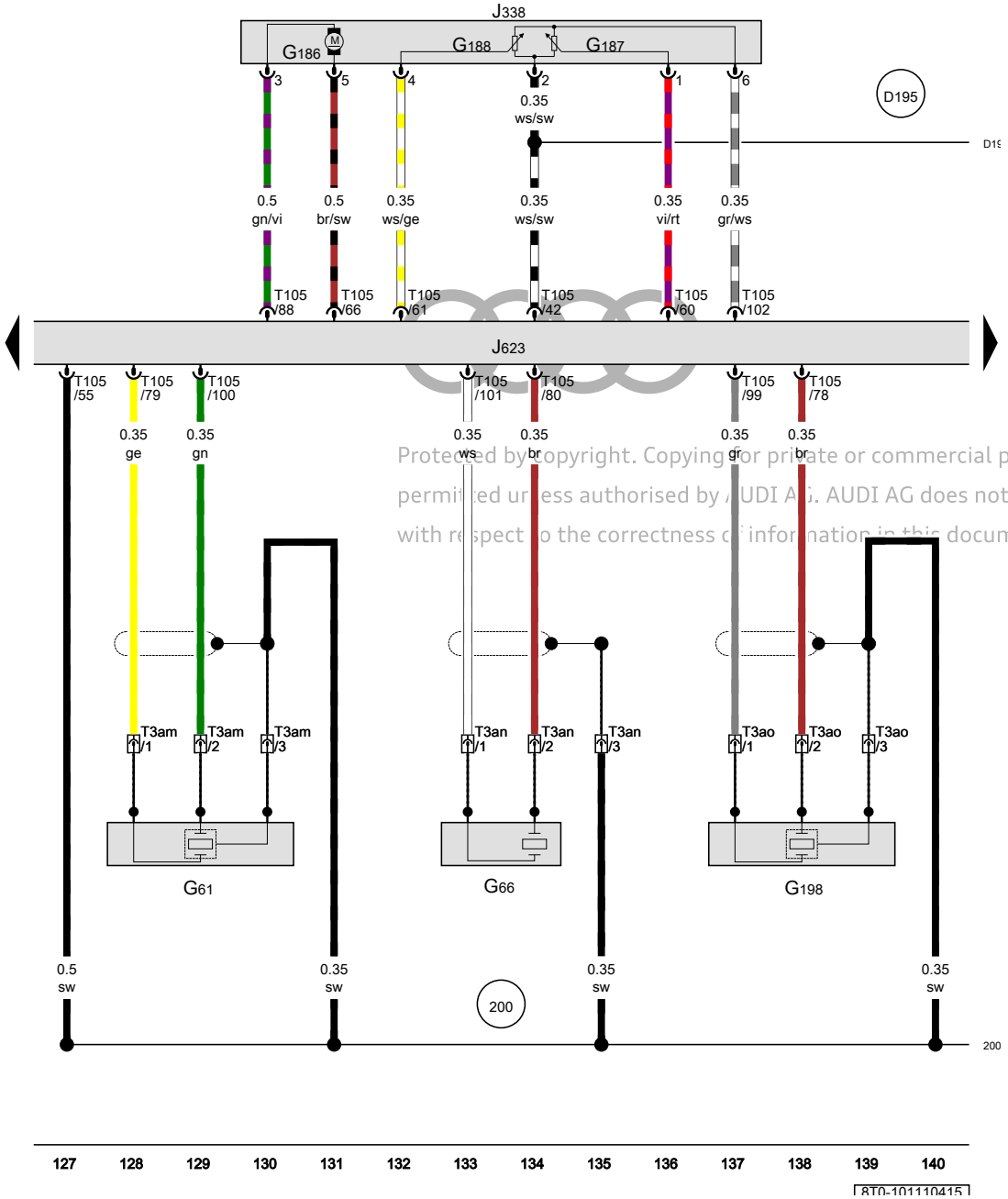
J623	Engine control unit
N323	Ignition coil 5 with output stage
N324	Ignition coil 6 with output stage
N325	Ignition coil 7 with output stage
N326	Ignition coil 8 with output stage
P	Spark plug connector
Q	Spark plugs
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T105	105-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness



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ge	=	yellow
or	=	orange
rs	=	pink

Knock sensor 1, Knock sensor 2, Knock sensor 3, Throttle valve module, Engine control unit

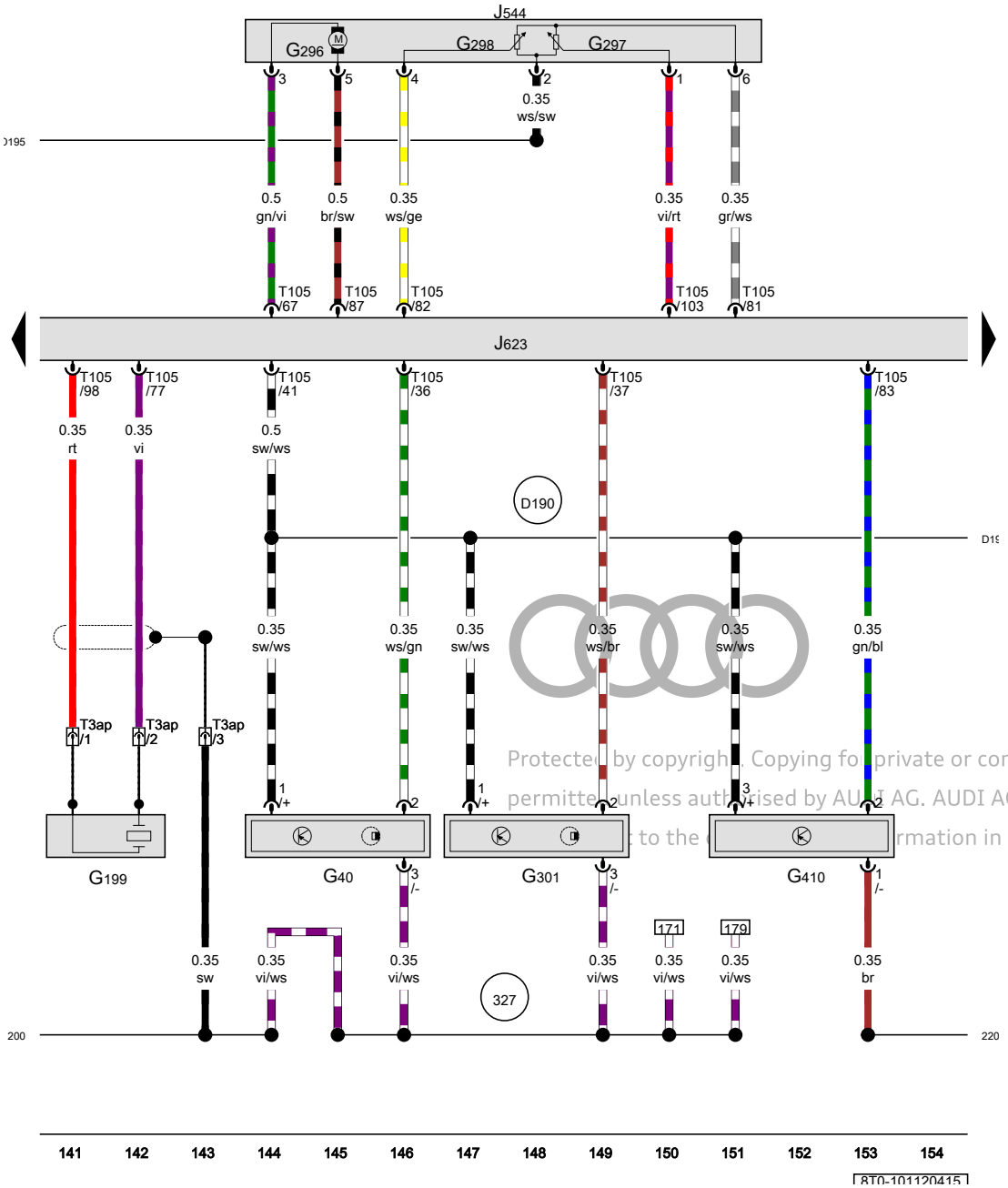


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G61	Knock sensor 1
G66	Knock sensor 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G198	Knock sensor 3
J338	Throttle valve module
J623	Engine control unit
T3am	3-pin connector, black
T3an	3-pin connector, brown
T3ao	3-pin connector, black
T105	105-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness

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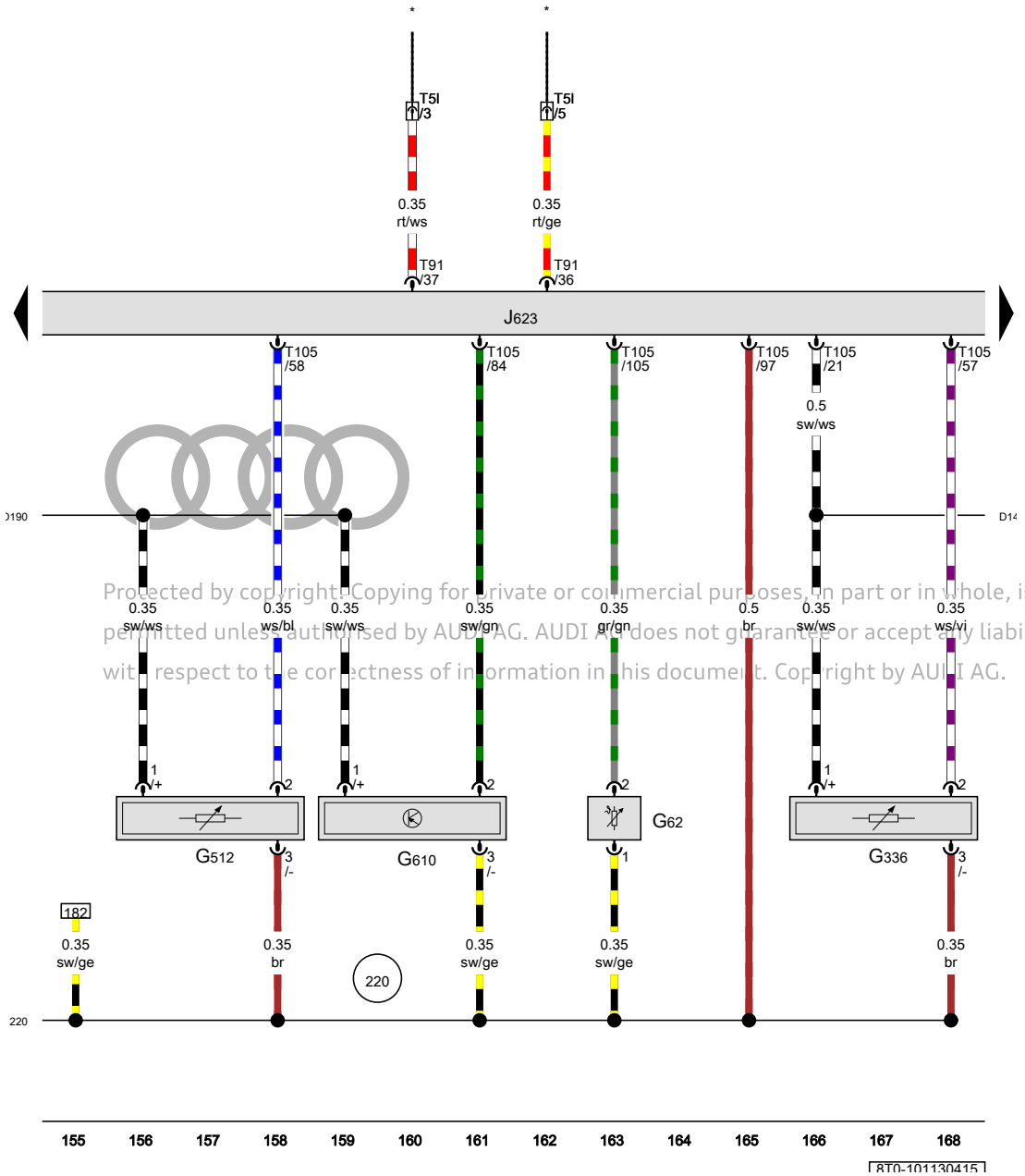


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Hall sender, Knock sensor 4, Throttle valve module 2, Engine control unit

G40	Hall sender
G199	Knock sensor 4
G296	Throttle valve drive 2
G297	Angle sender 1 for throttle valve drive 2
G298	Angle sender 2 for throttle valve drive 2
G301	Hall sender 4
G410	Fuel pressure sender for low-pressure
J544	Throttle valve module 2
J623	Engine control unit
T3ap	3-pin connector, brown
T105	105-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
D190	Connection 3 (5V) in engine prewiring harness
D195	Connection 1 (5V) in engine compartment wiring harness

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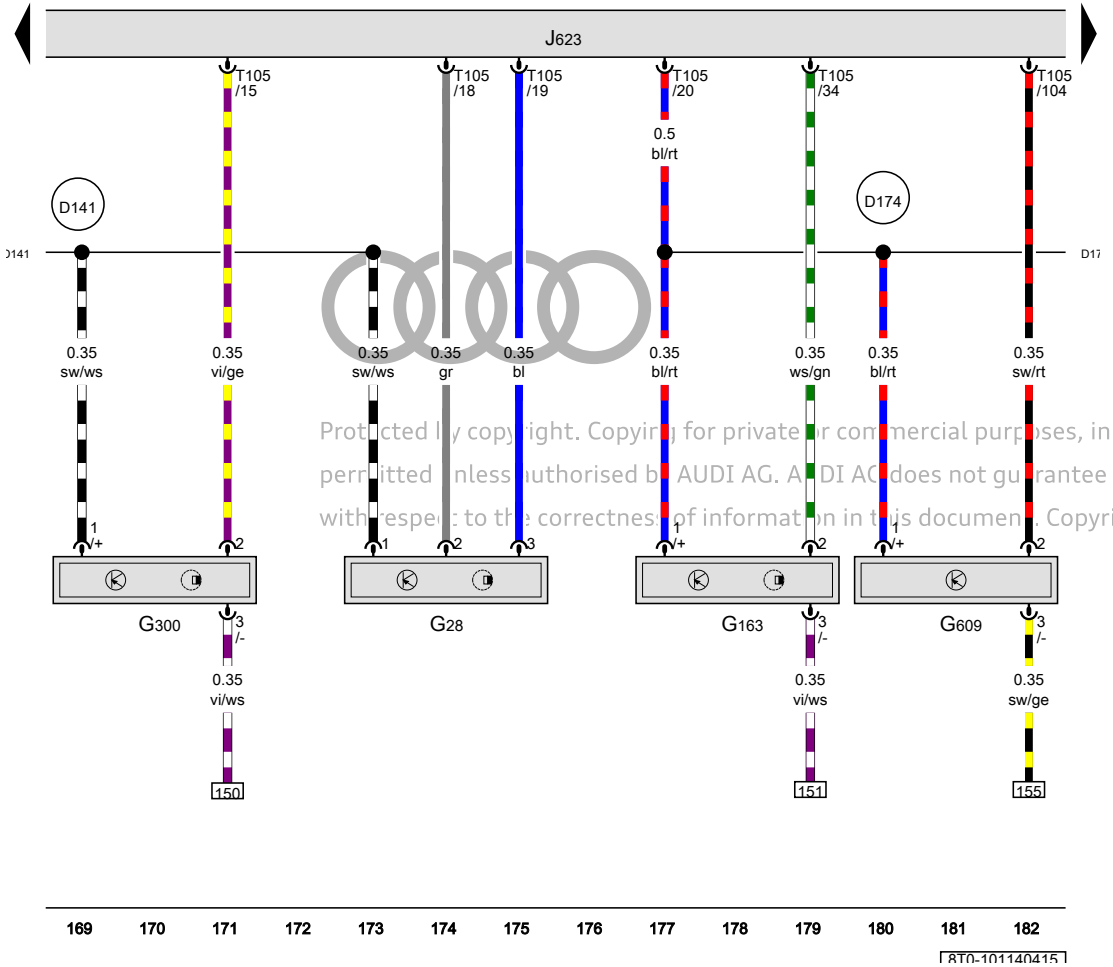
Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine control unit

G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
G610	Sender 2 for secondary air pressure
J623	Engine control unit
T5l	5-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	see applicable current flow diagram for radiator fan

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or	=	orange
rs	=	pink

Engine speed sender, Hall sender 3, Engine control unit

G28	Engine speed sender
G163	Hall sender 2
G300	Hall sender 3
G609	Sender 1 for secondary air pressure
J623	Engine control unit
T105	105-pin connector
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

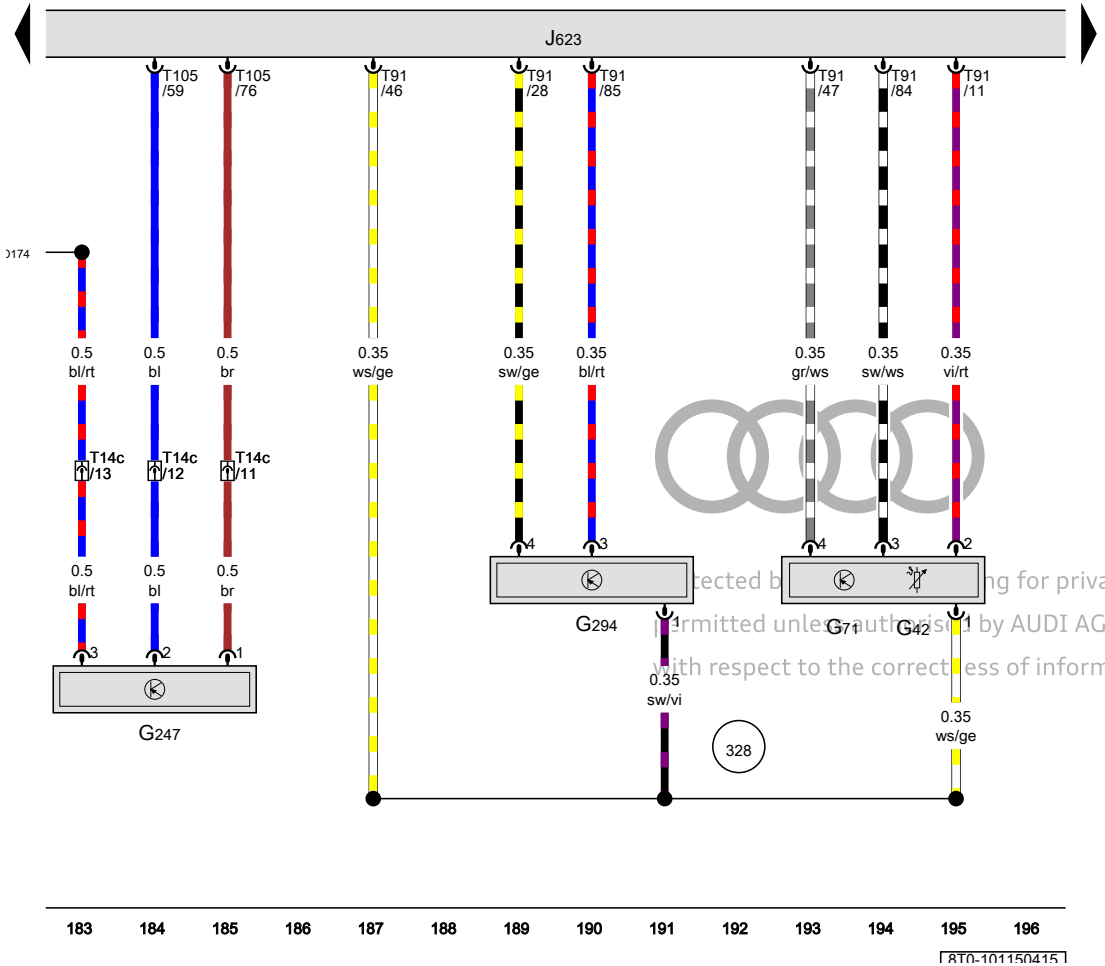


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rs	=	pink

Intake air temperature sender, Fuel pressure sender, Engine control unit

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G294	Brake servo pressure sensor
J623	Engine control unit
T14c	14-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

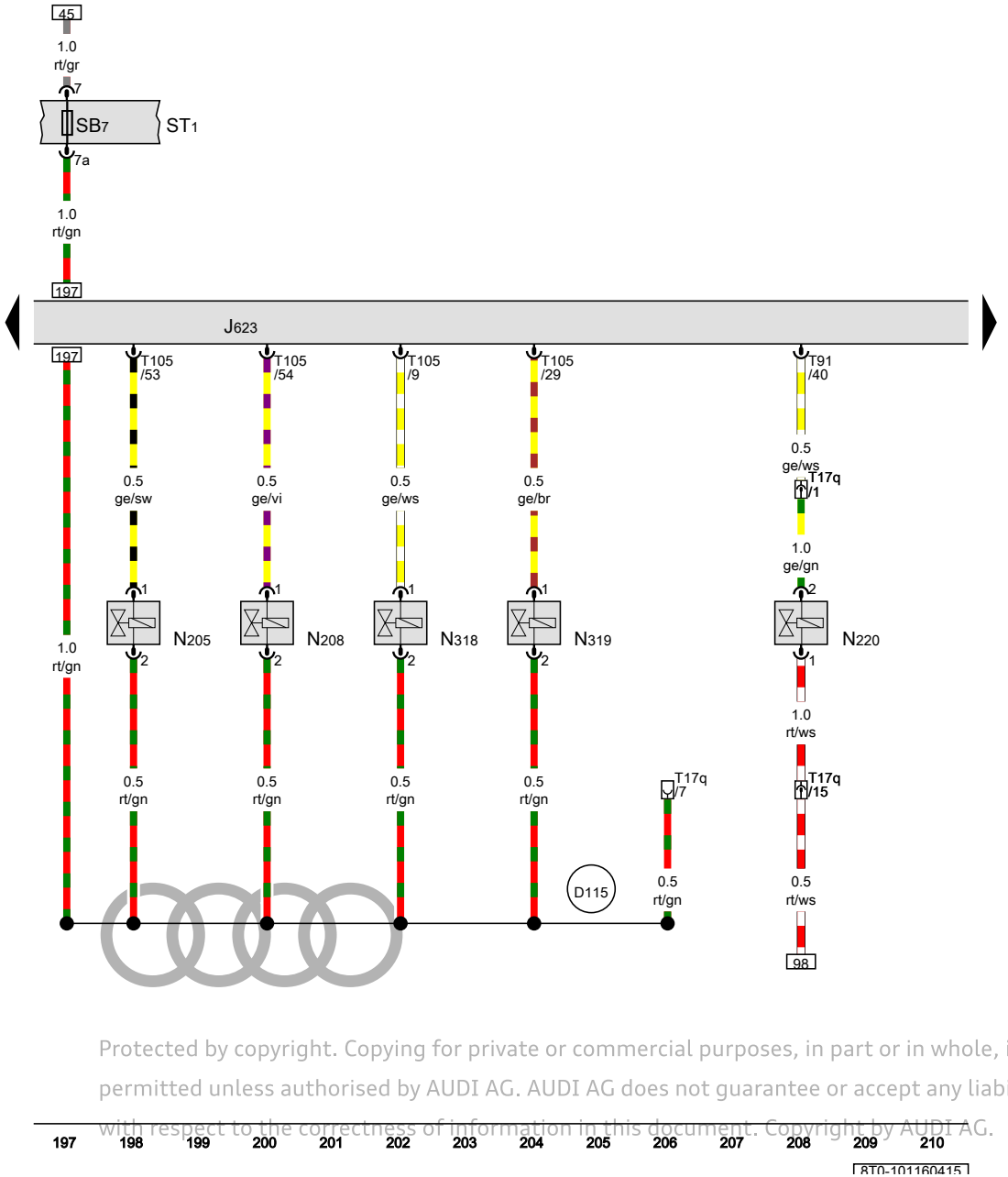


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Engine control unit, Camshaft control valve 1, Exhaust flap valve, Exhaust camshaft control valve 1

J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N220	Exhaust flap valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
D115	Connection 13 in engine compartment wiring harness

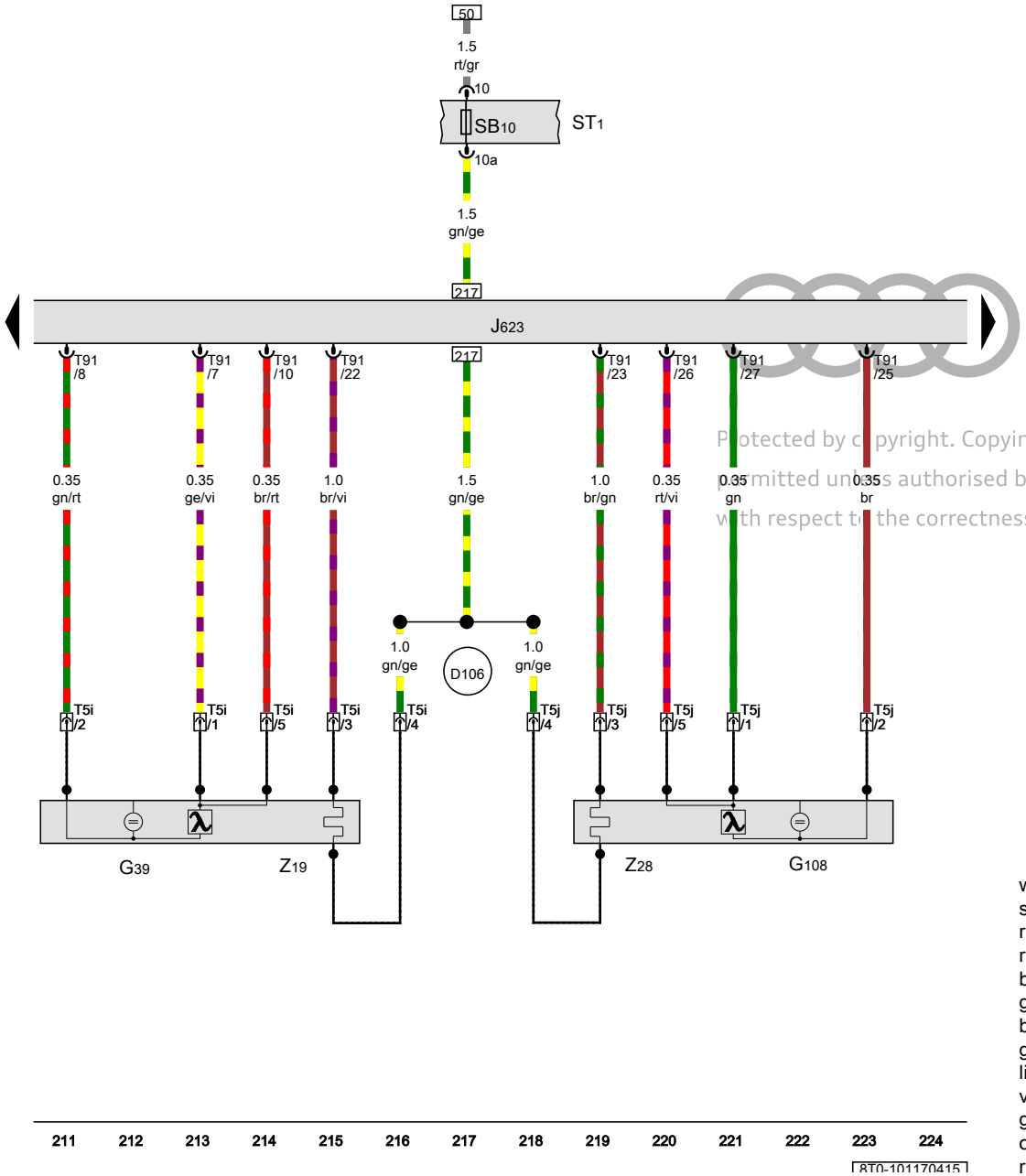


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Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T5i	5-pin connector, black
T5j	5-pin connector, black
T91	91-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

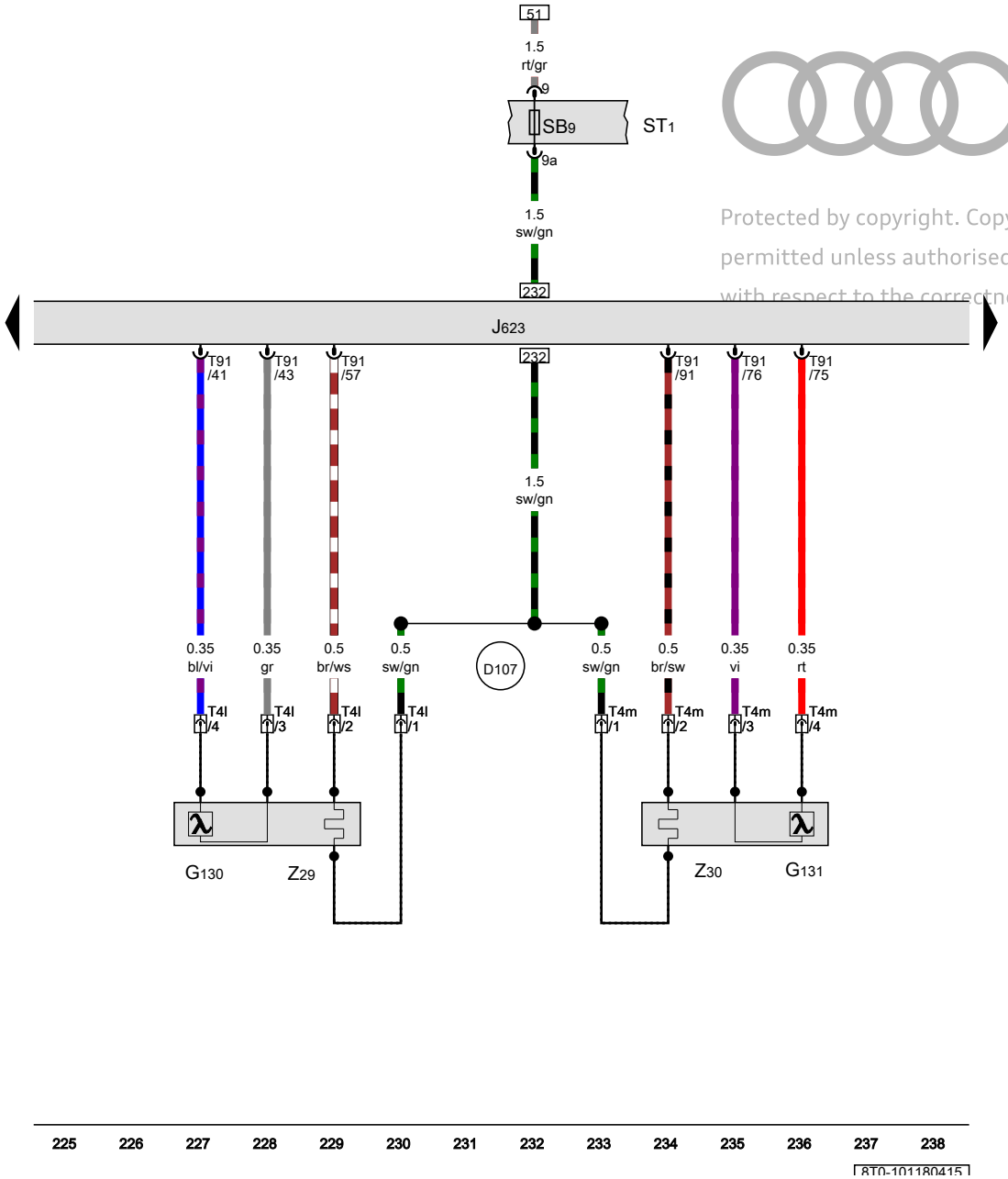


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Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4l	4-pin connector, black
T4m	4-pin connector, brown
T91	91-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness

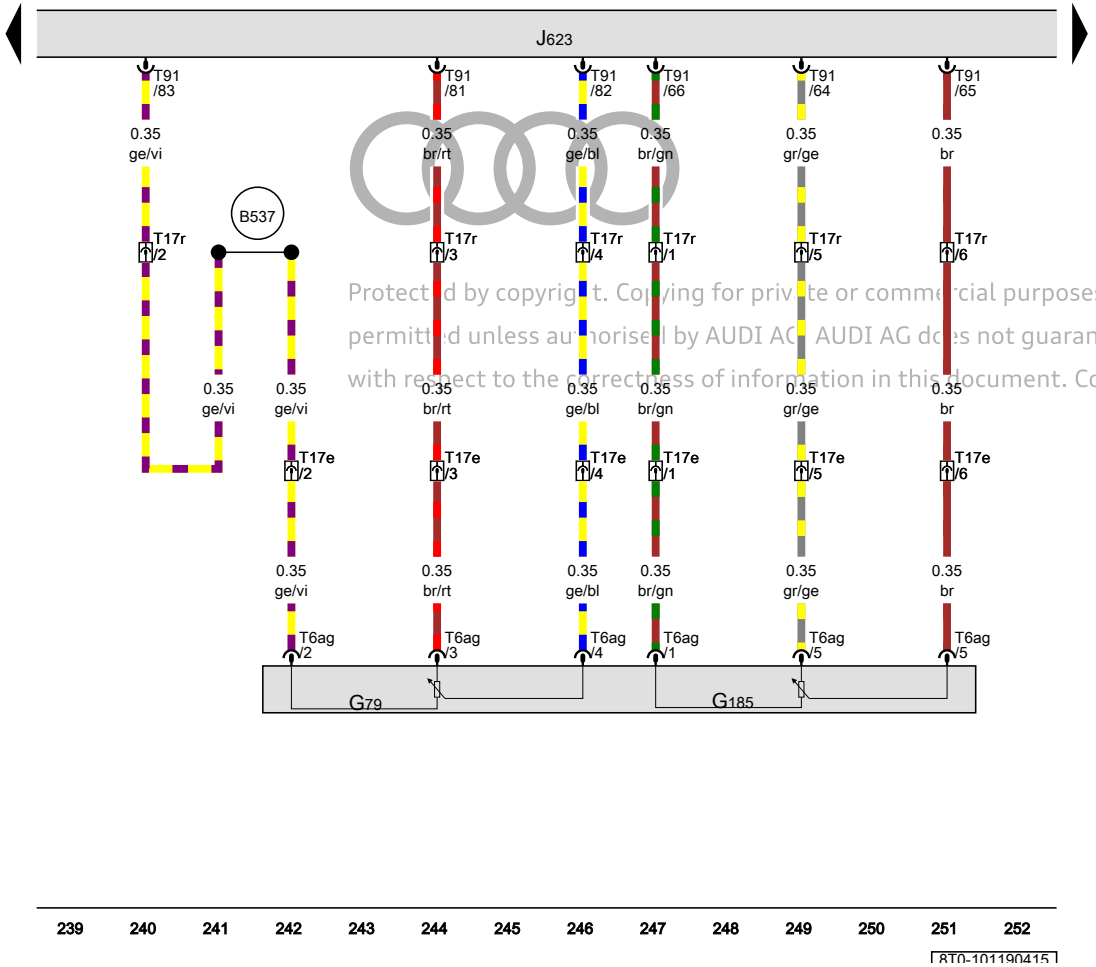


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Accelerator position sender, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
B537	Connection 28, in main wiring harness

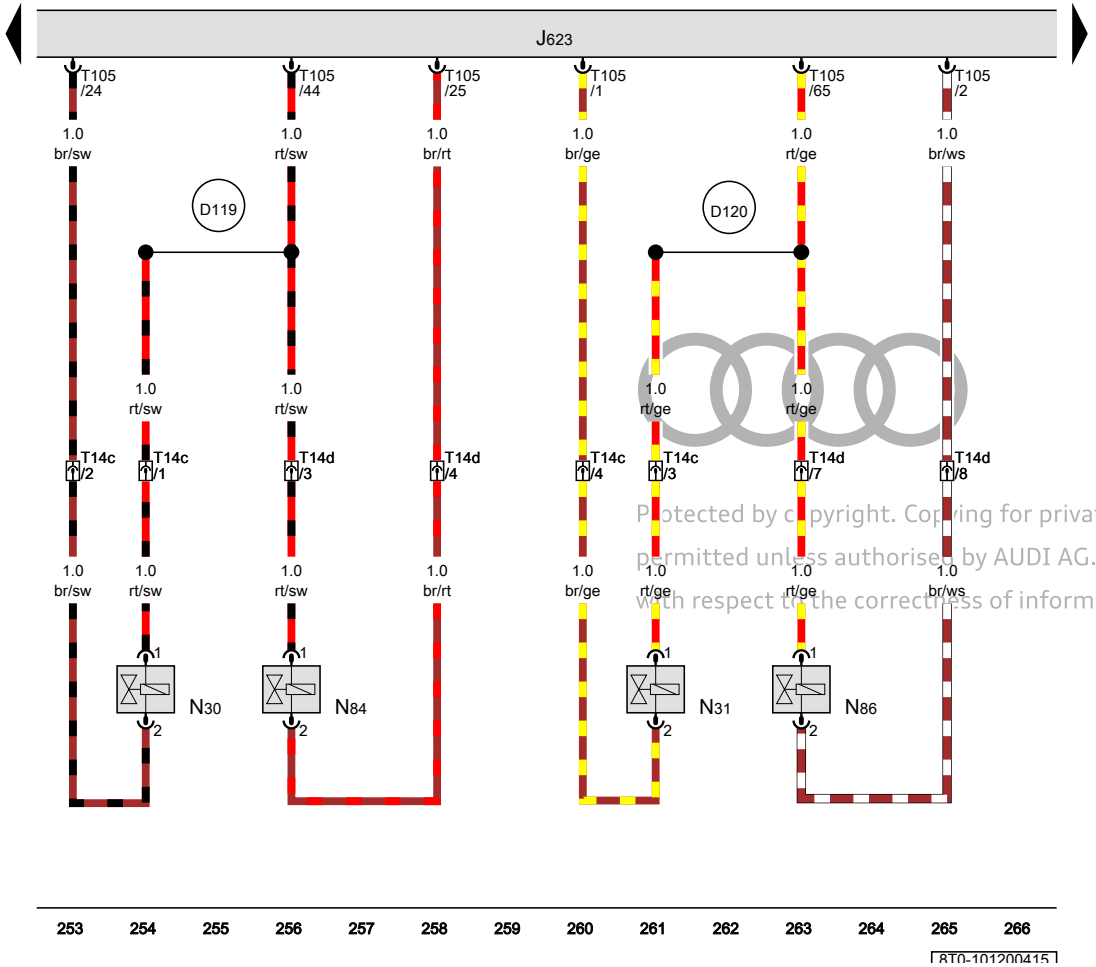


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 6, Injector, cylinder 8

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T105	105-pin connector
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness

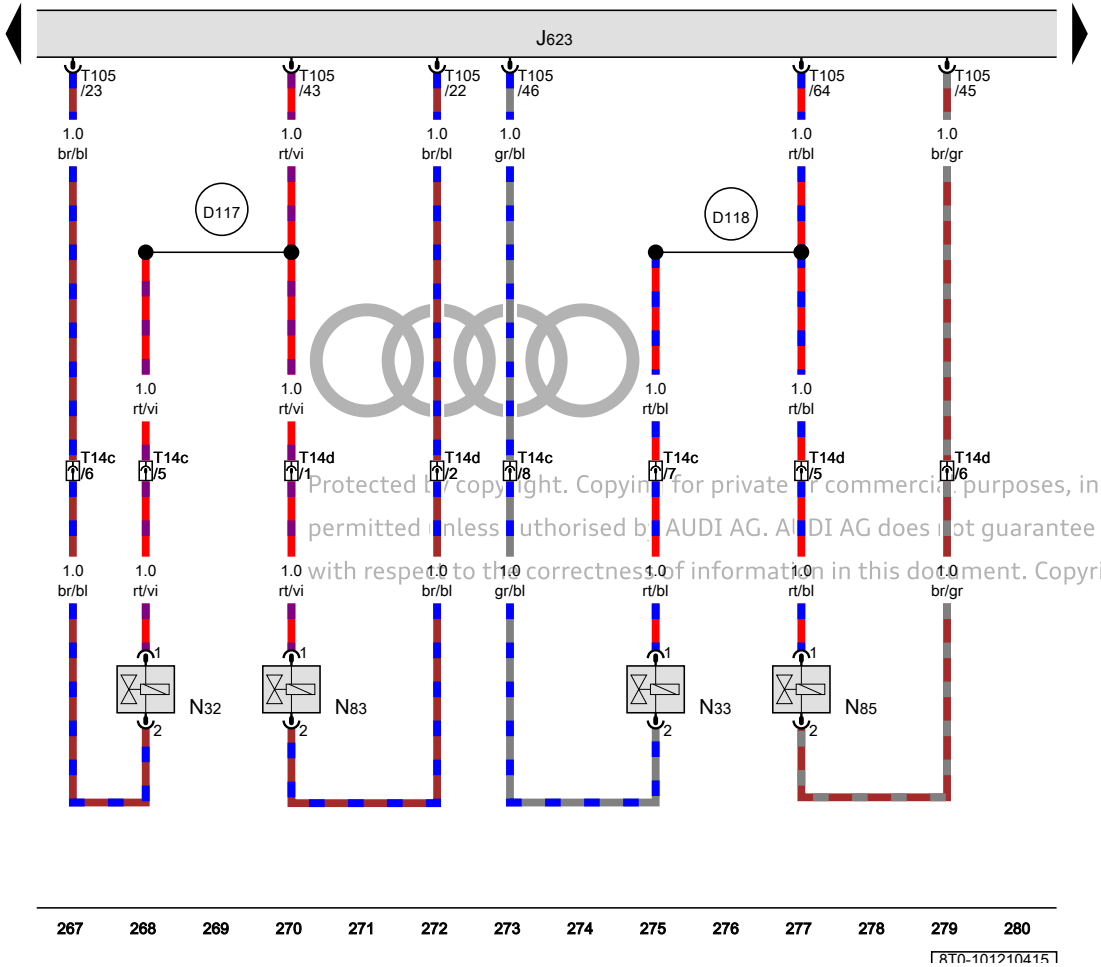


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Engine control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

J623	Engine control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T105	105-pin connector
D117	Connection 15 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness

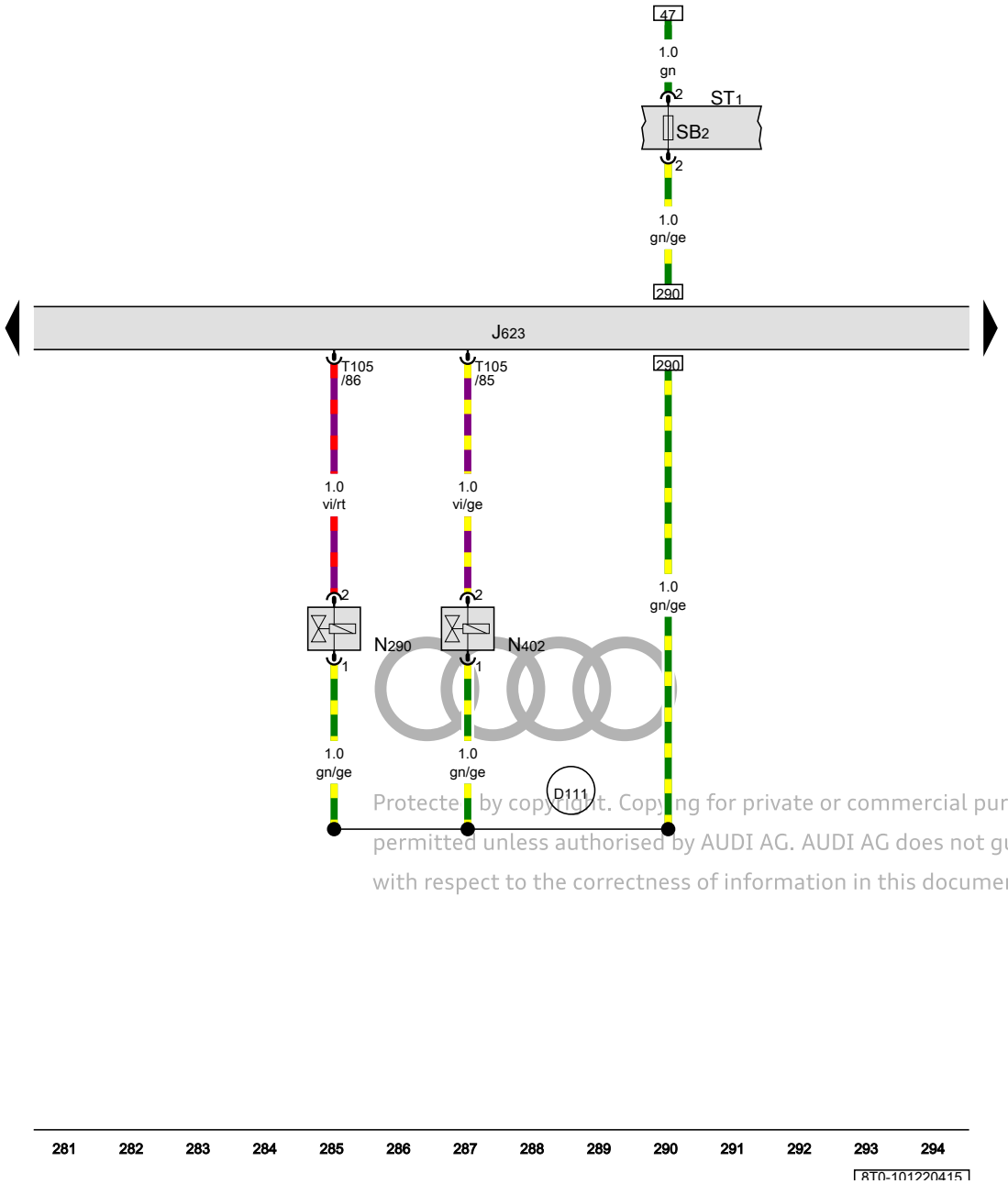


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Engine control unit, Fuel metering valve, Fuel metering valve 2

J623	Engine control unit
N290	Fuel metering valve
N402	Fuel metering valve 2
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness

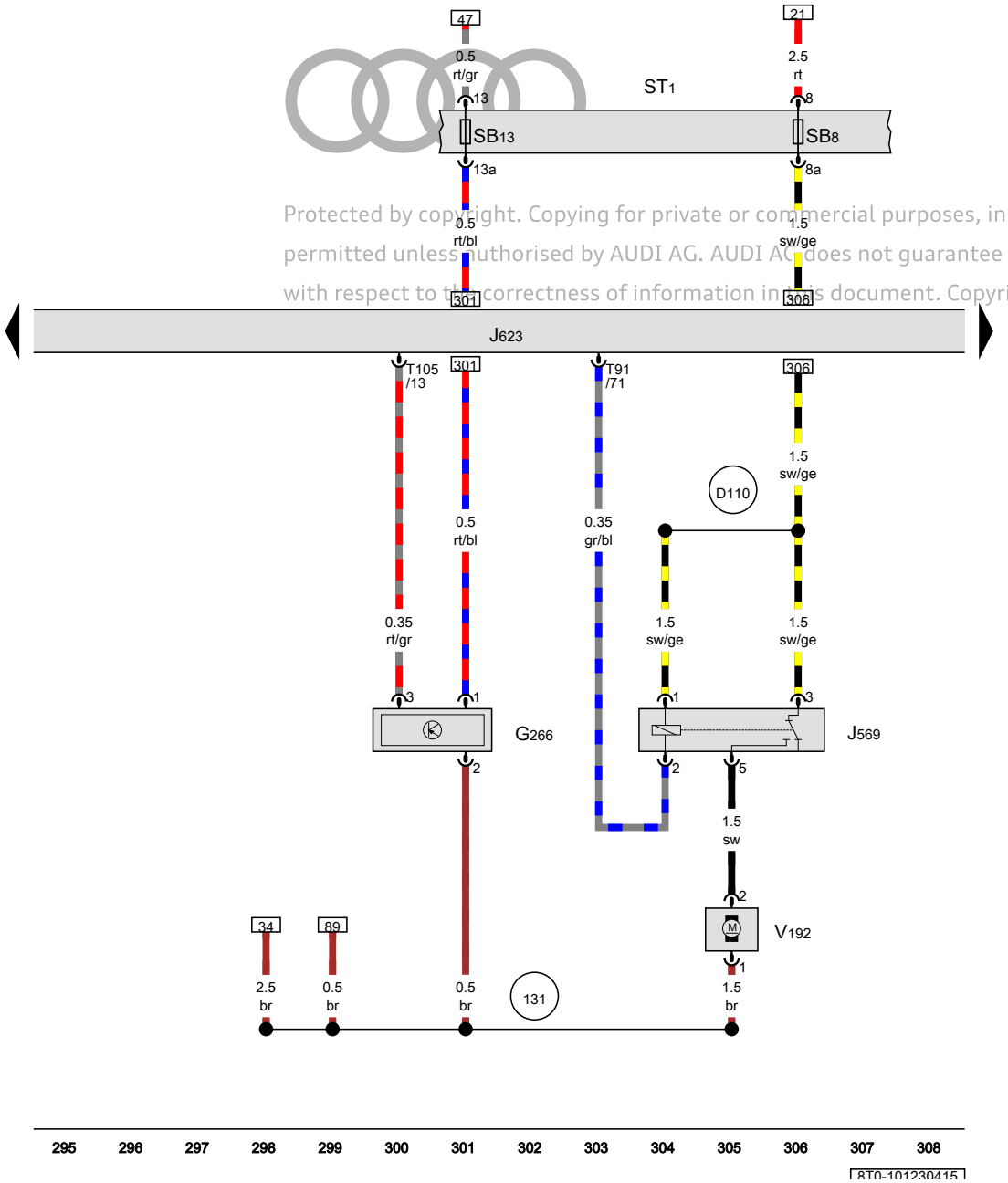


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Oil level and oil temperature sender, Engine control unit, Vacuum pump for brakes

G266	Oil level and oil temperature sender
J569	Brake servo relay
J623	Engine control unit
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
SB13	Fuse 13 on fuse holder B
T91	91-pin connector
T105	105-pin connector
V192	Vacuum pump for brakes
131	Earth connection 2, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness



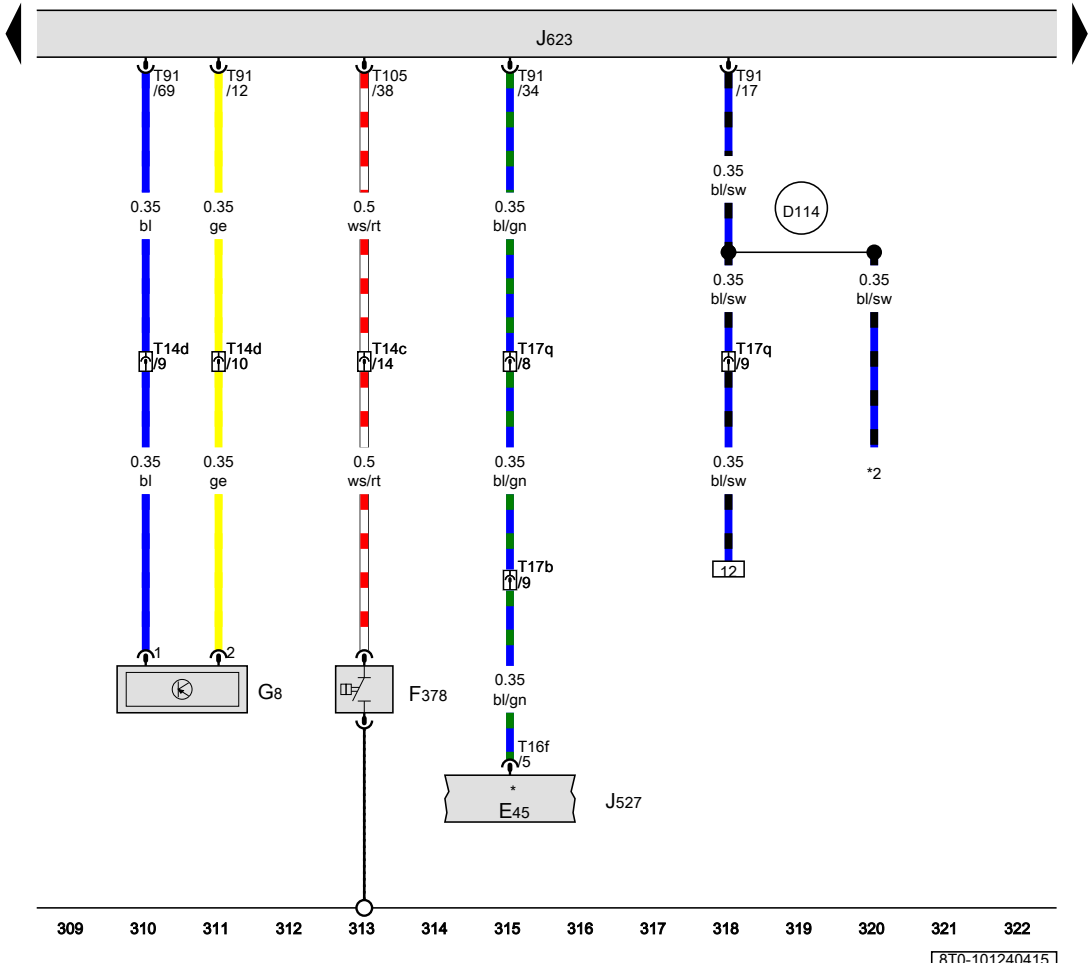
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Oil pressure switch for reduced oil pressure, Oil temperature sender, Engine control unit

E45	Cruise control system switch
F378	Oil pressure switch for reduced oil pressure
G8	Oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
D114	Connection 12 in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for gearbox

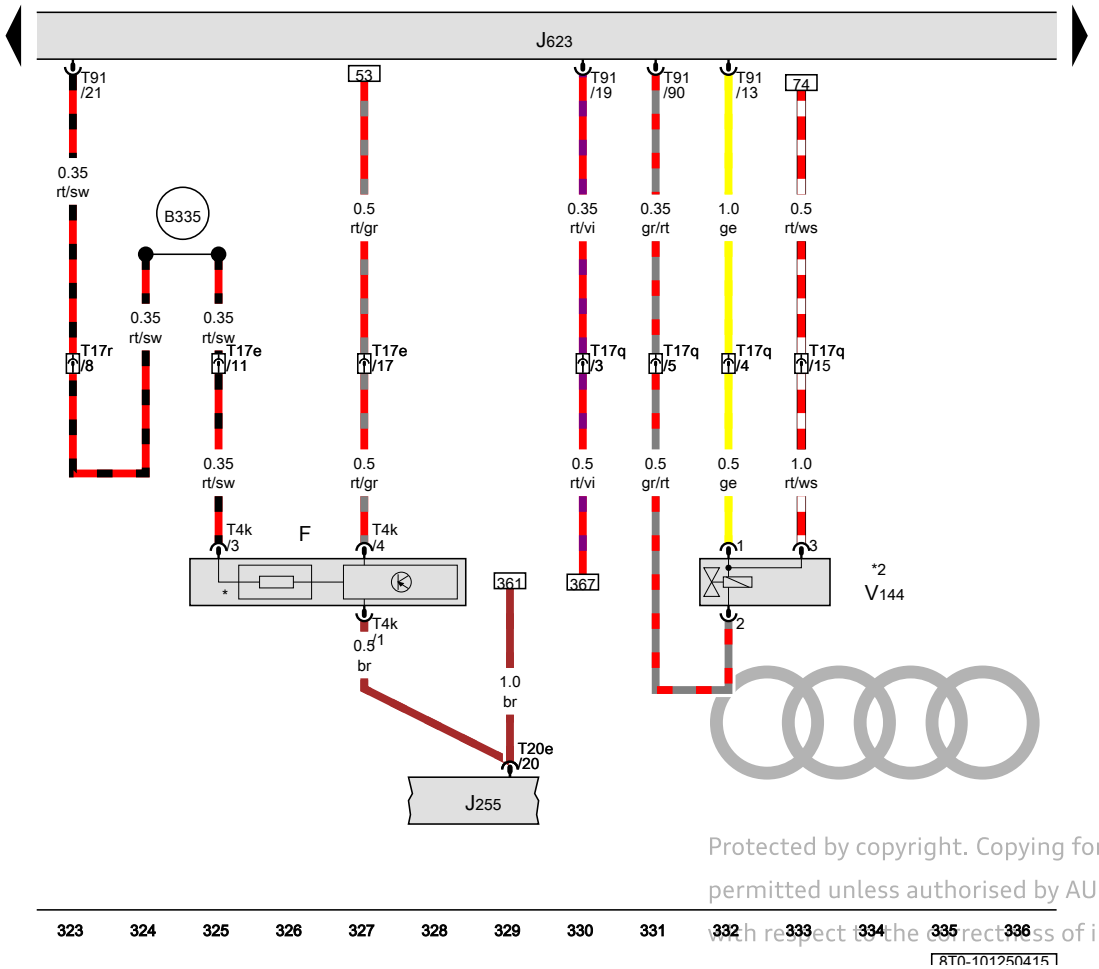
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Brake light switch, Engine control unit, Fuel system diagnostic pump

F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
V144	Fuel system diagnostic pump
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with US equipment

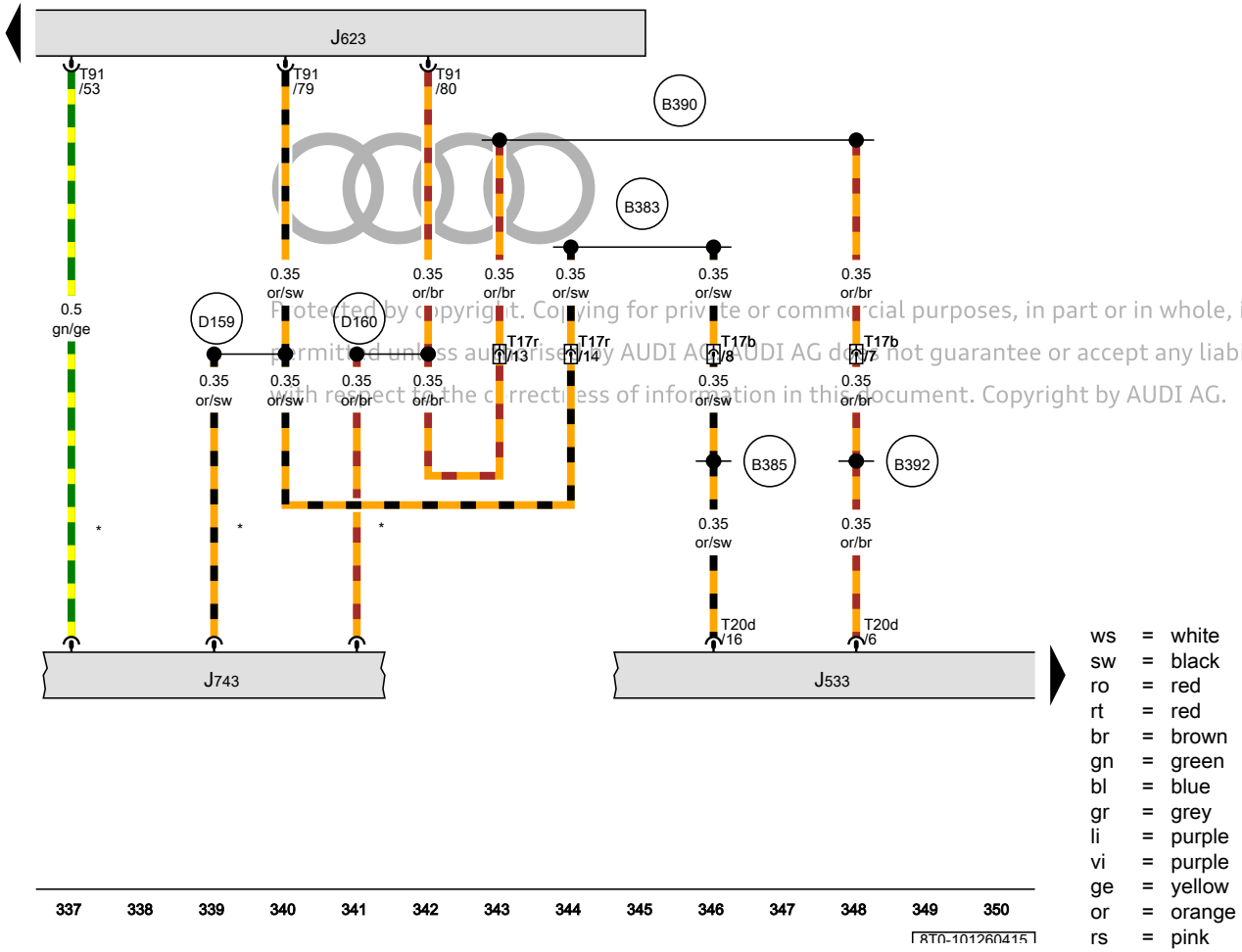


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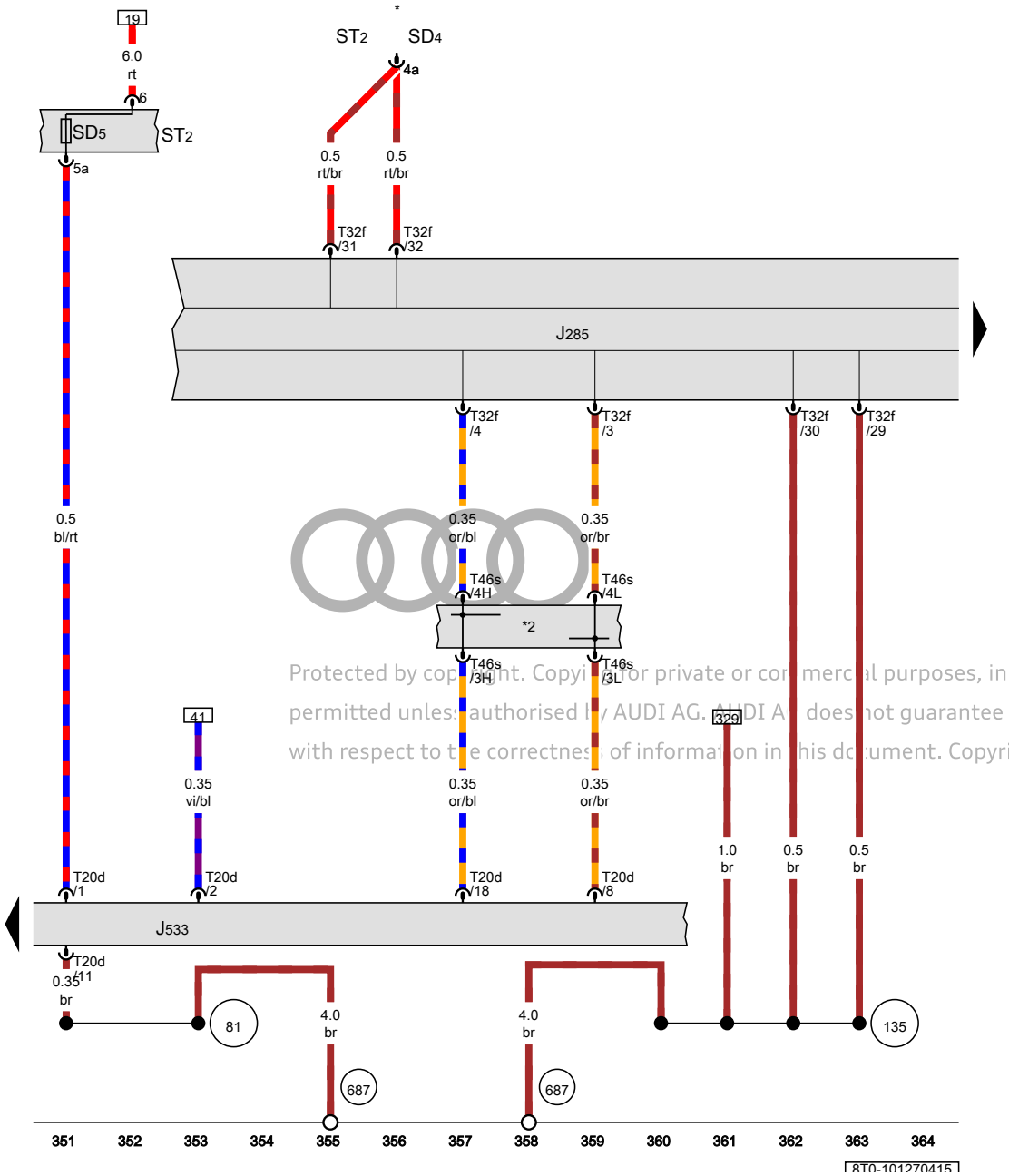
Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T91	91-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox



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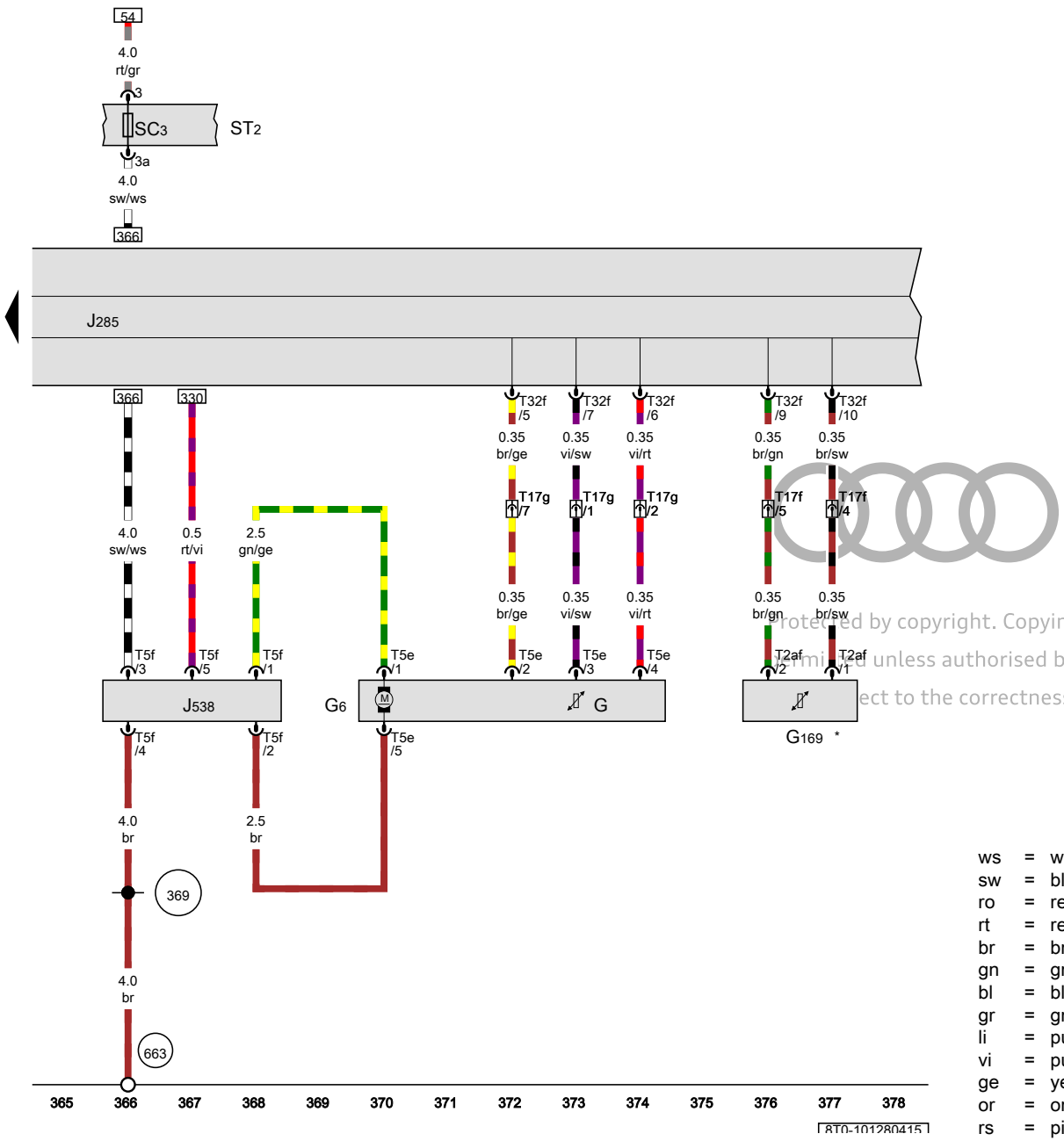
Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only models with all-wheel drive



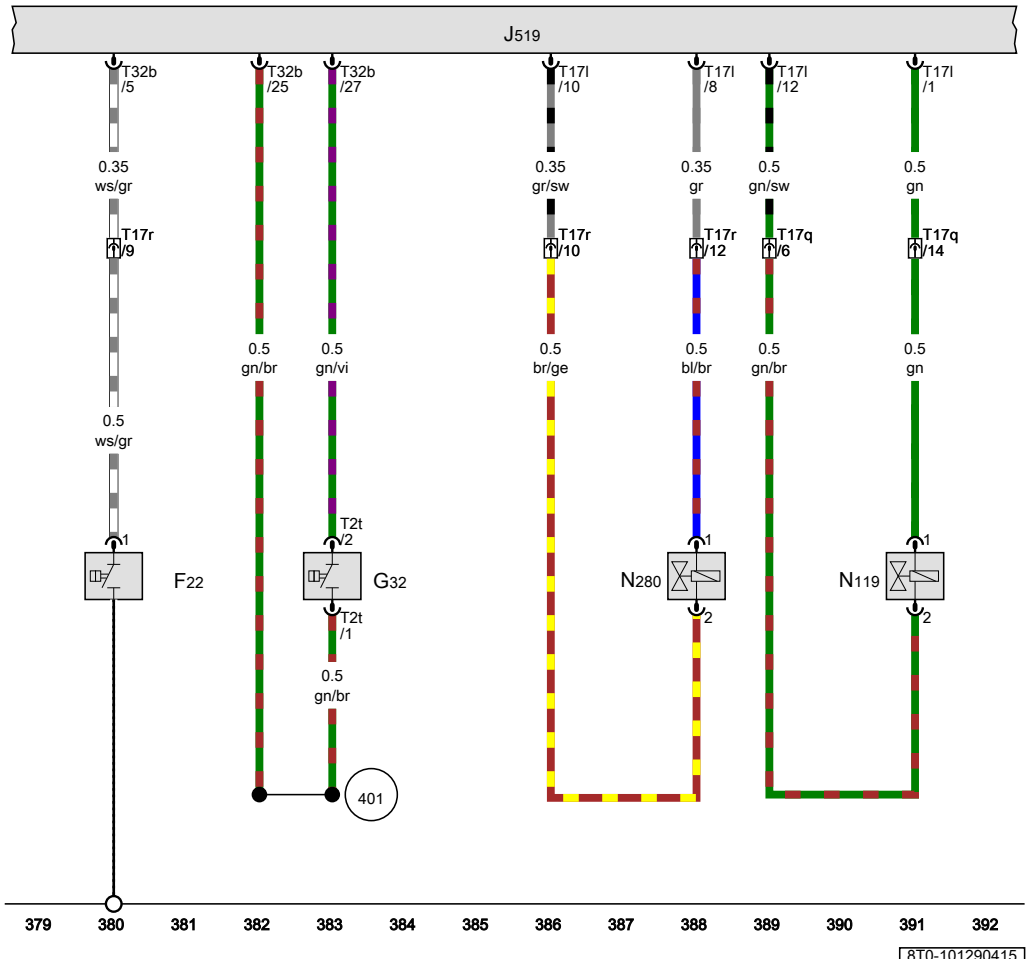
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Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness

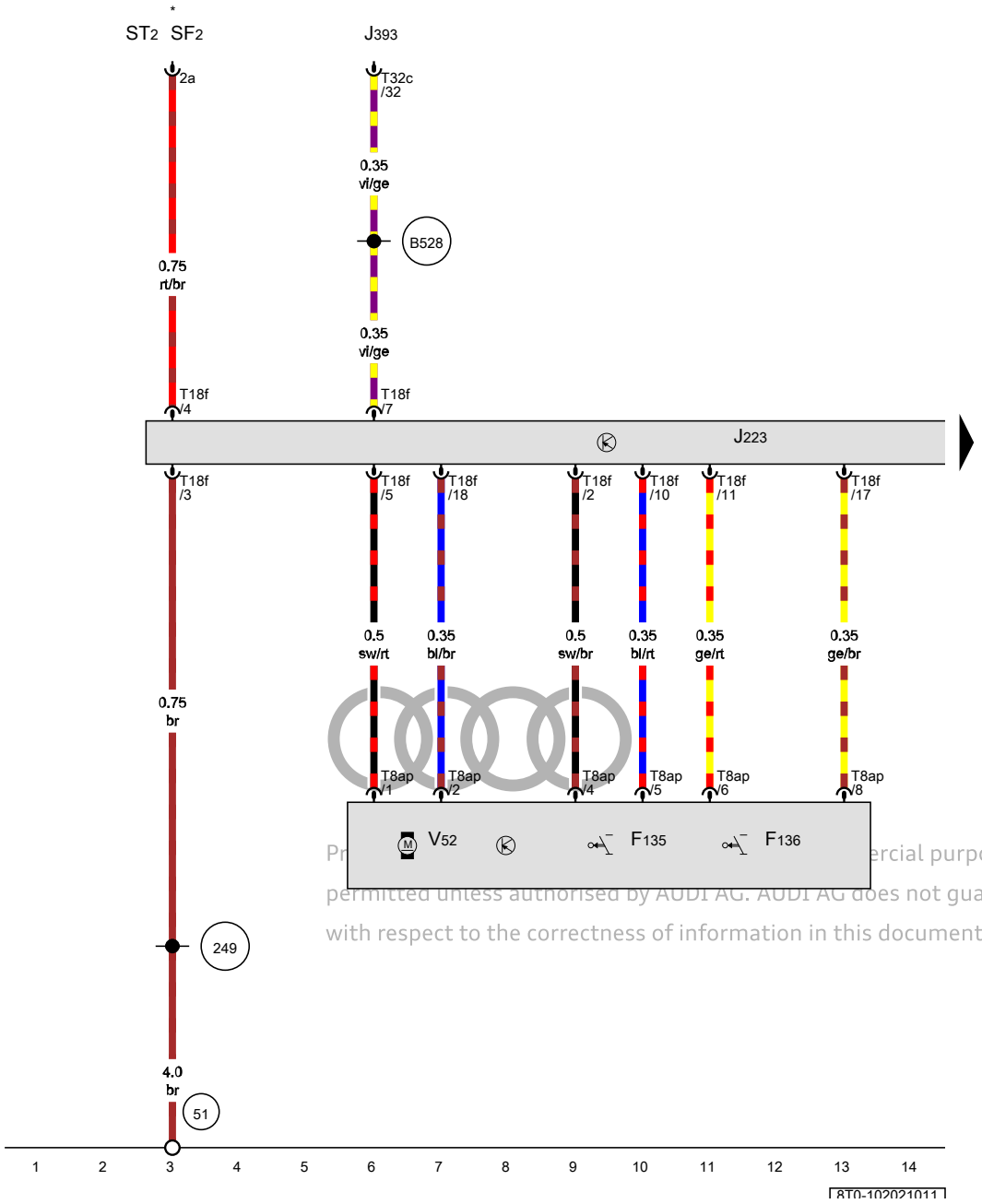


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Electrically adjustable rear spoiler

From August 2009

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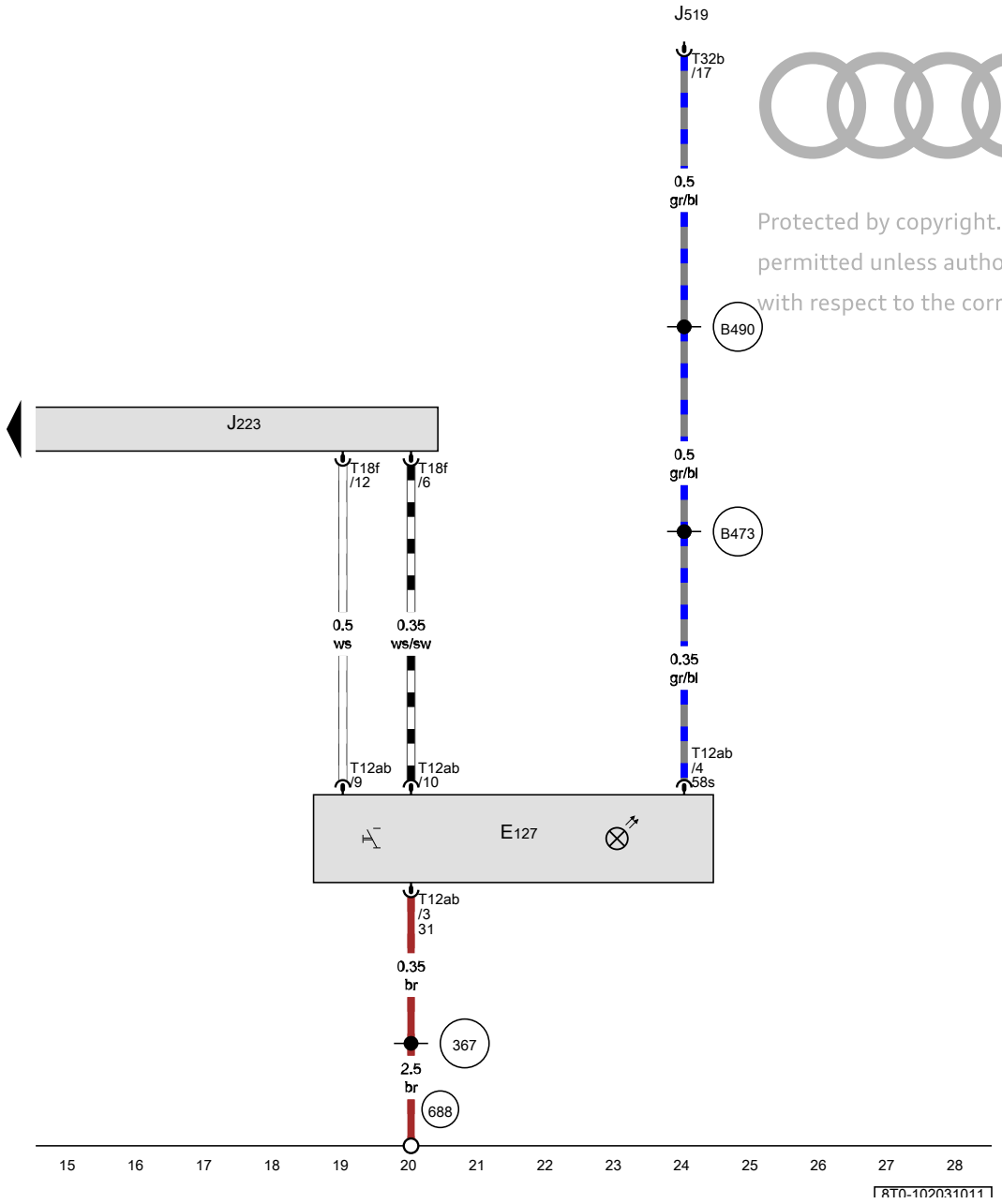
Rear spoiler adjustment limit switch 1, Rear spoiler adjustment limit switch 2, Adjustable rear spoiler control unit, Adjustable rear spoiler motor

F135	Rear spoiler adjustment limit switch 1
F136	Rear spoiler adjustment limit switch 2
J223	Adjustable rear spoiler control unit
J393	Convenience system central control unit
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2
T8ap	8-pin connector
T18f	18-pin connector
T32c	32-pin connector
V52	Adjustable rear spoiler motor
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Adjustable rear spoiler switch, Adjustable rear spoiler control unit

E127	Adjustable rear spoiler switch
J223	Adjustable rear spoiler control unit
J519	Onboard supply control unit
T12ab	12-pin connector
T18f	18-pin connector
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness



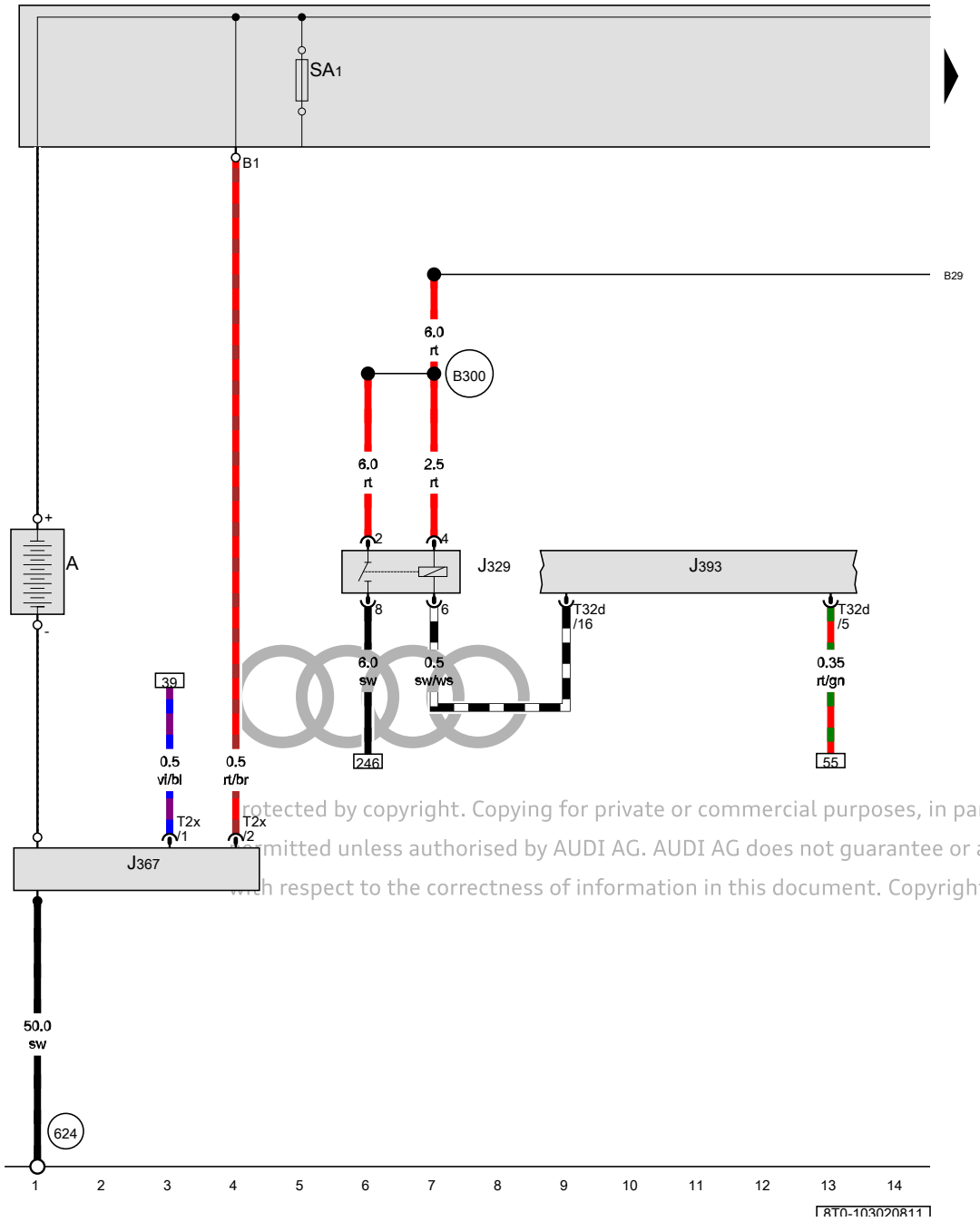
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3.0l petrol engine , CAKA

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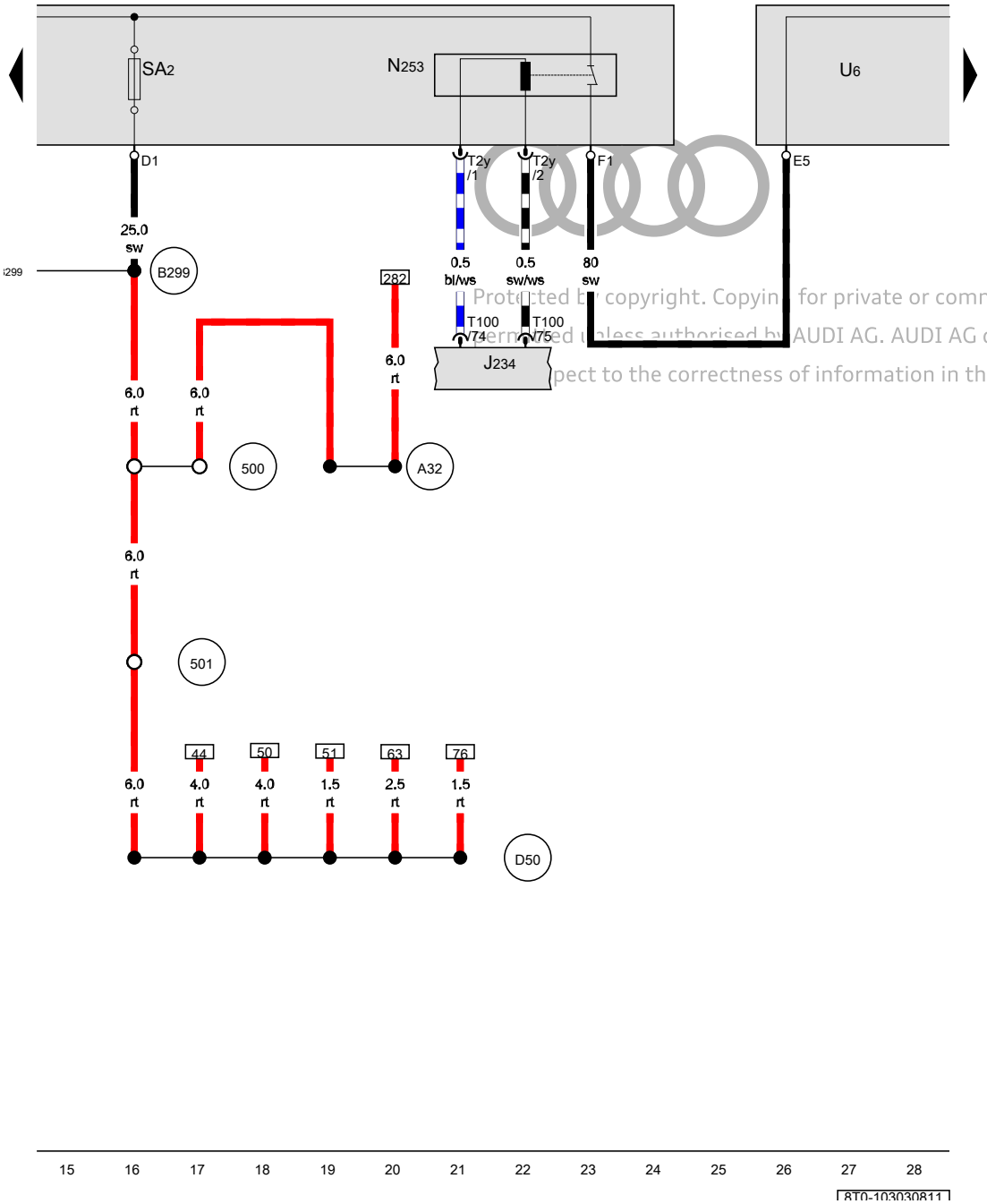


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness

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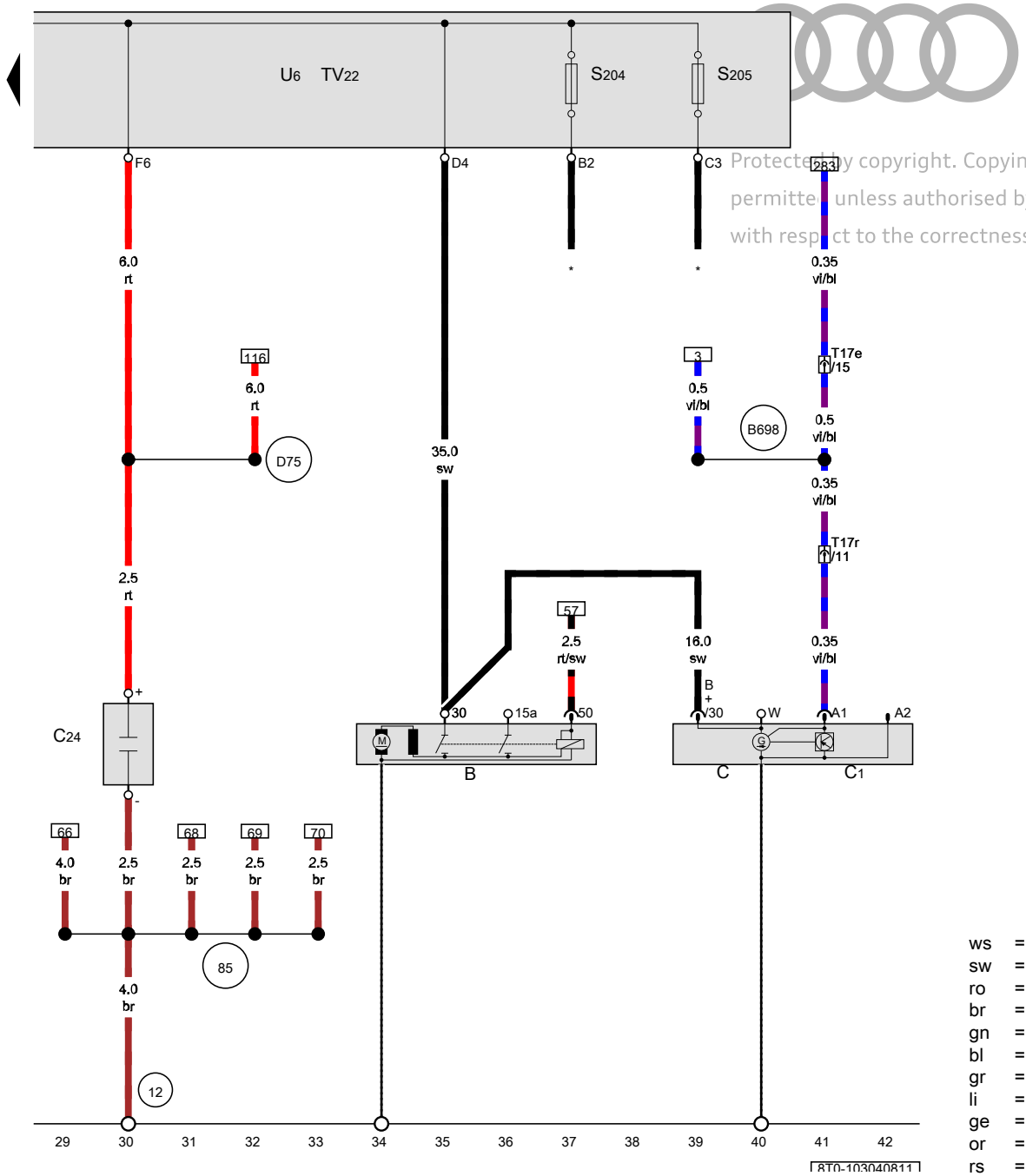


Battery isolation igniter, Jump start socket

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
T100	100-pin connector
U6	Jump start socket
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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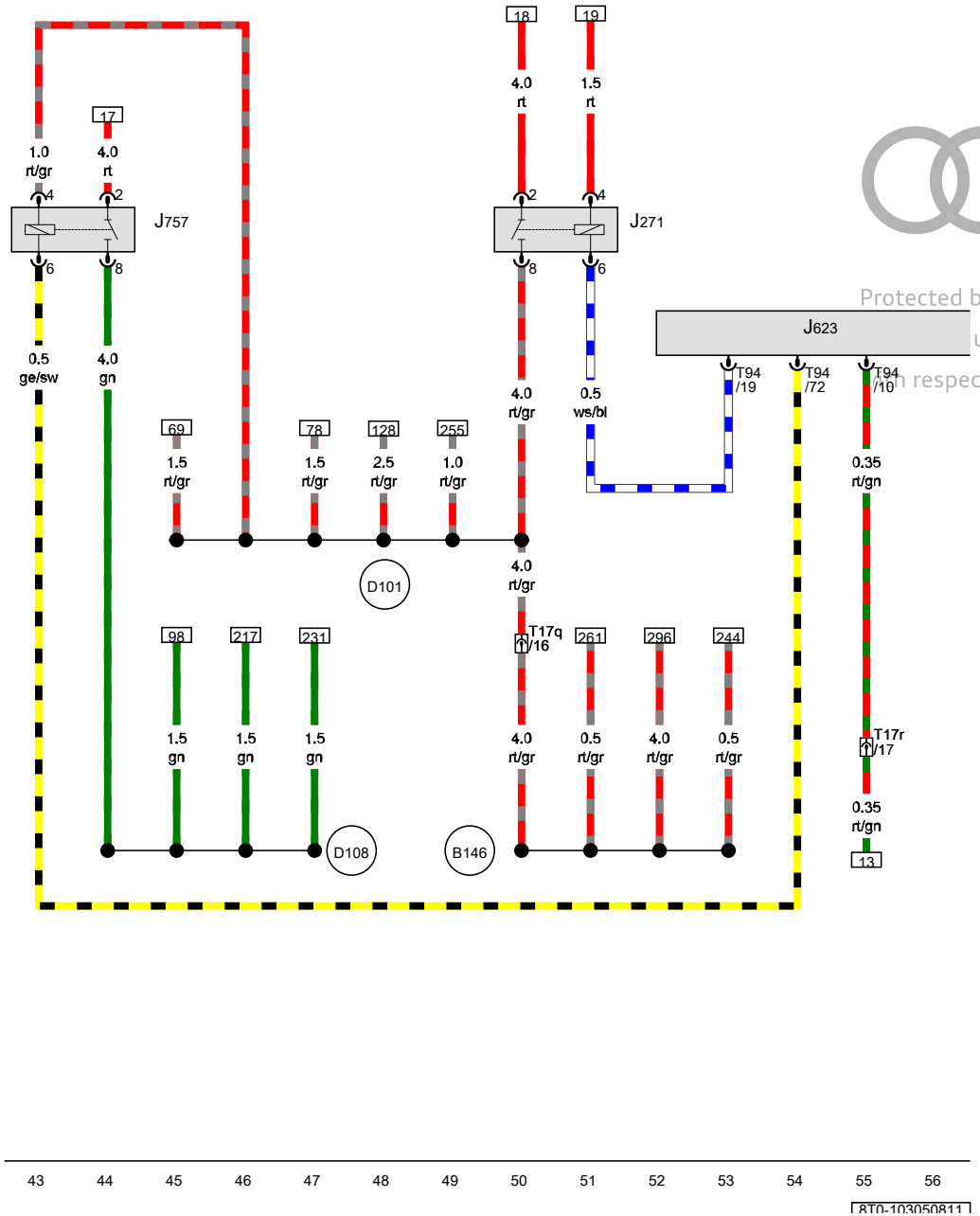
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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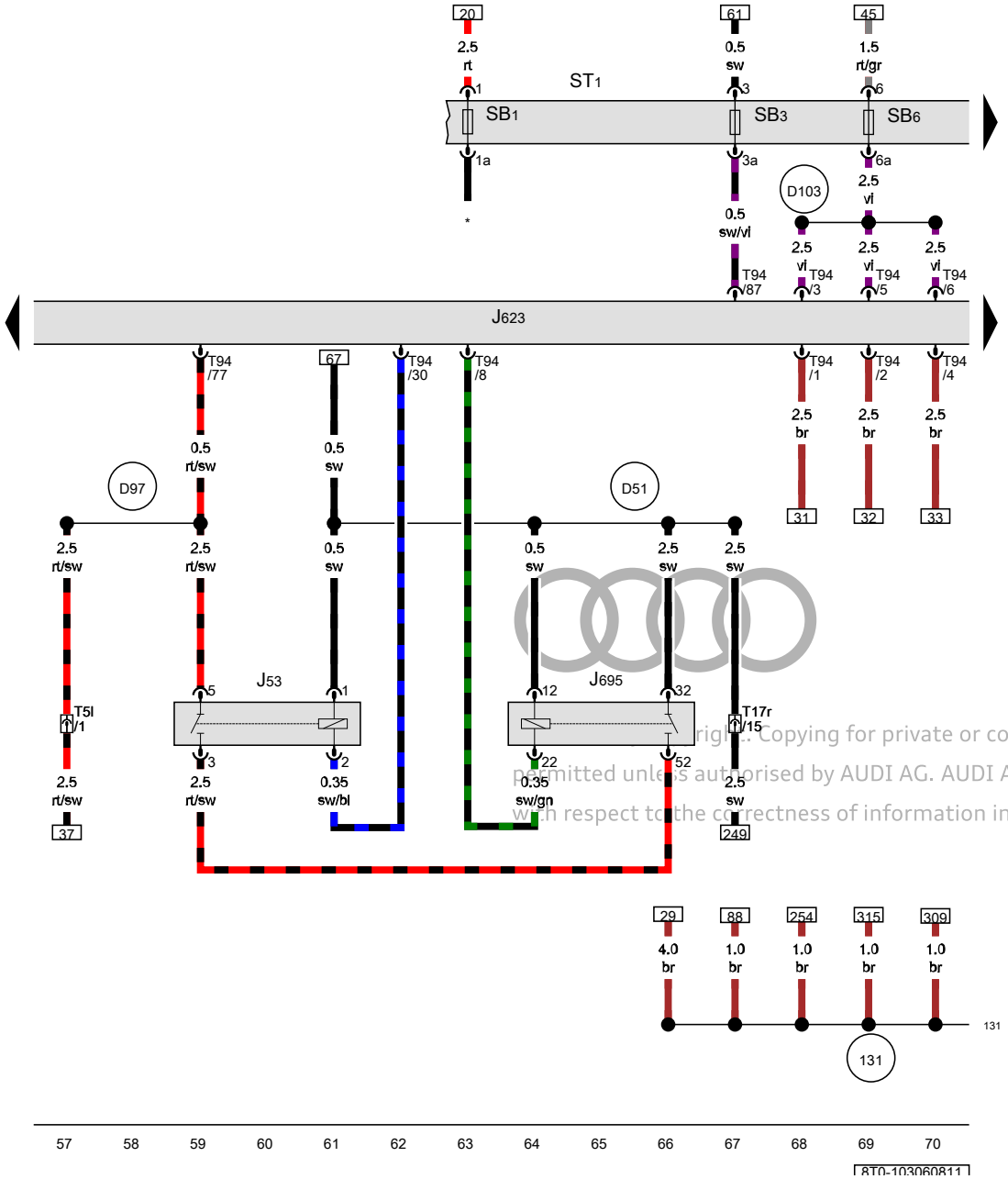
Main relay, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness



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Starter motor relay, Starter motor relay 2

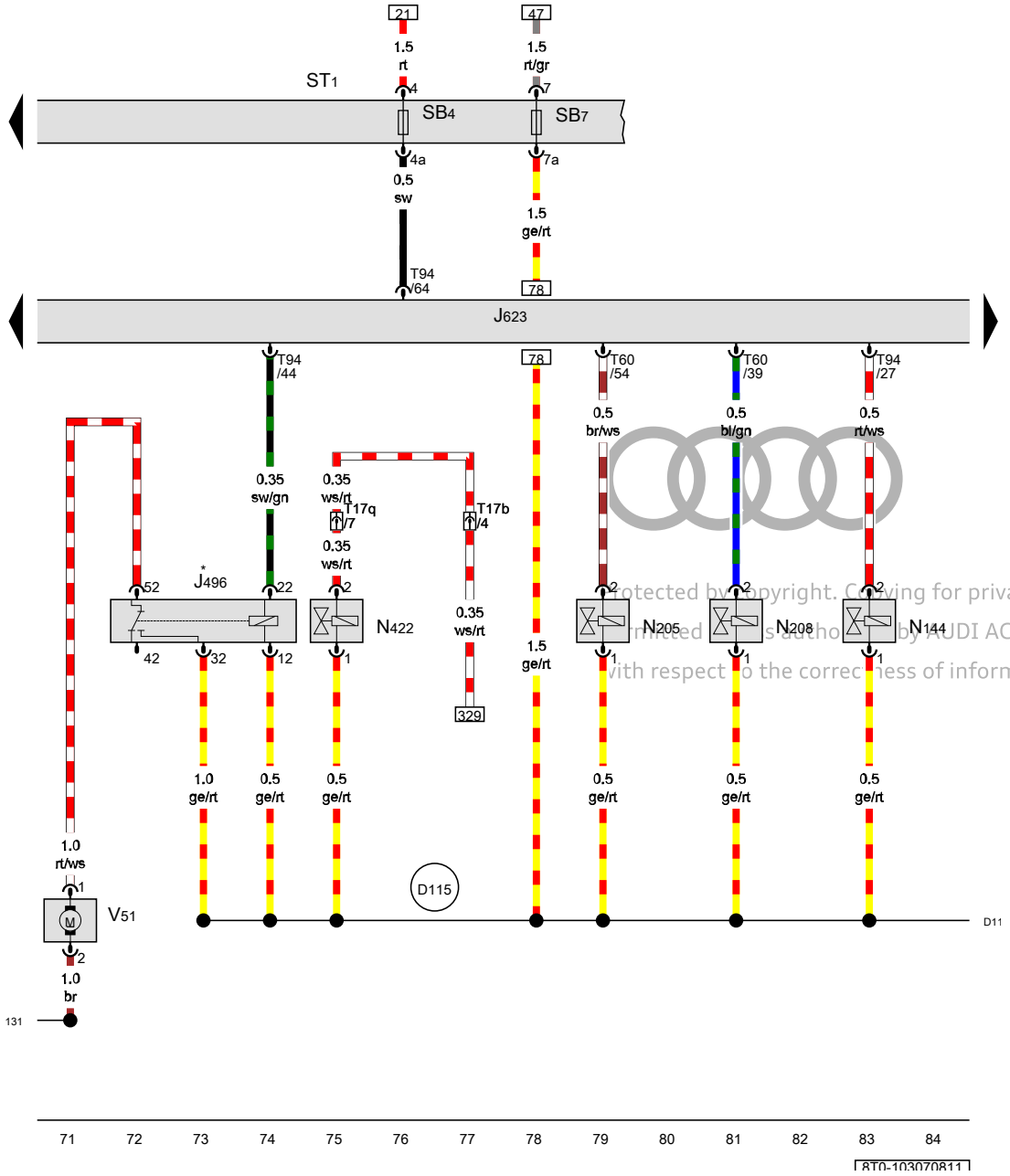
J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB6	Fuse 6 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox

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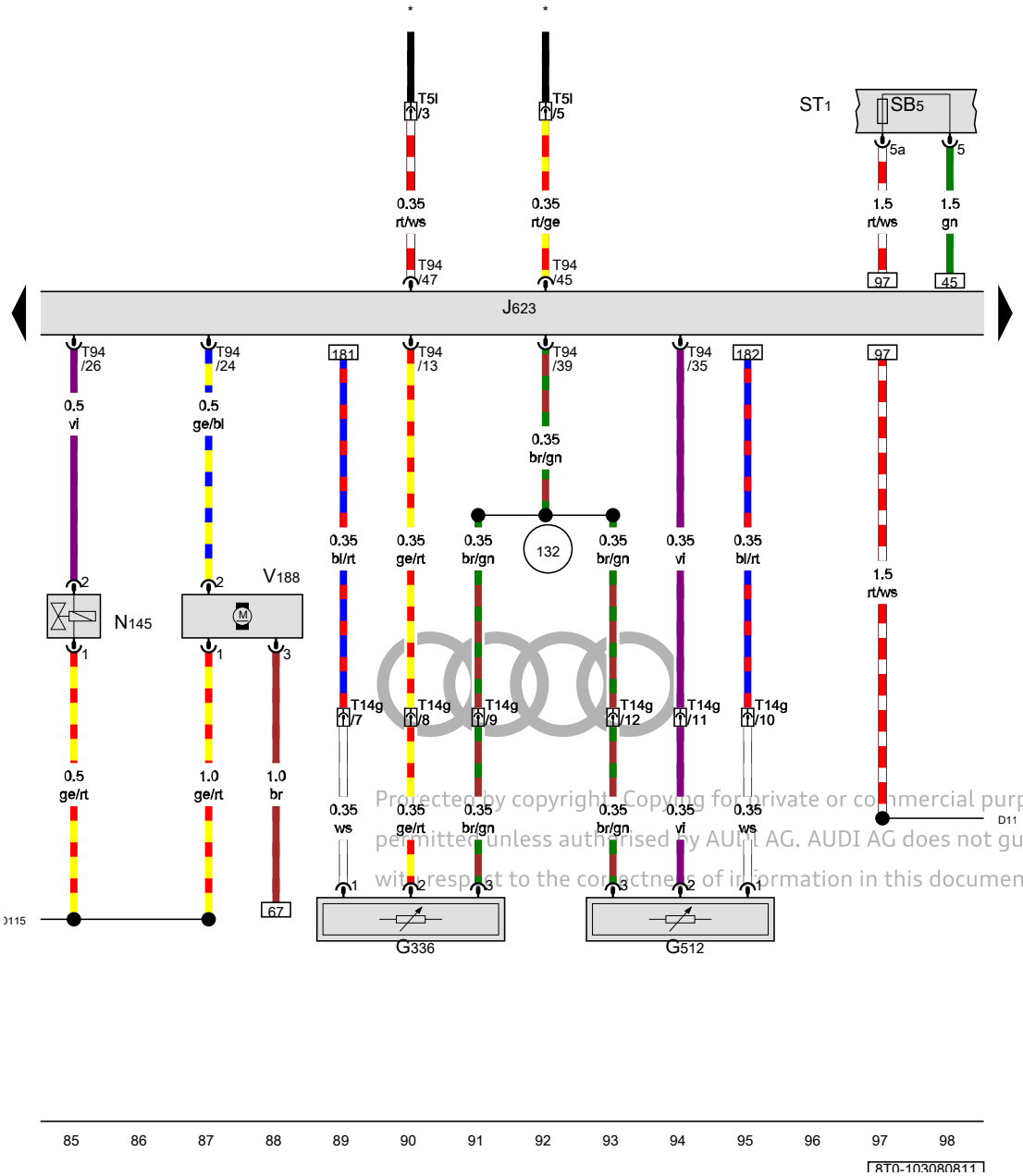
Left electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Camshaft control valve 2, Climatronic coolant shut-off valve, Continued coolant circulation pump

J496	Additional coolant pump relay
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB7	Fuse 7 on fuse holder B
T17b	17-pin connector, blue
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
131	Earth connection 2, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Only models with continued coolant circulation pump



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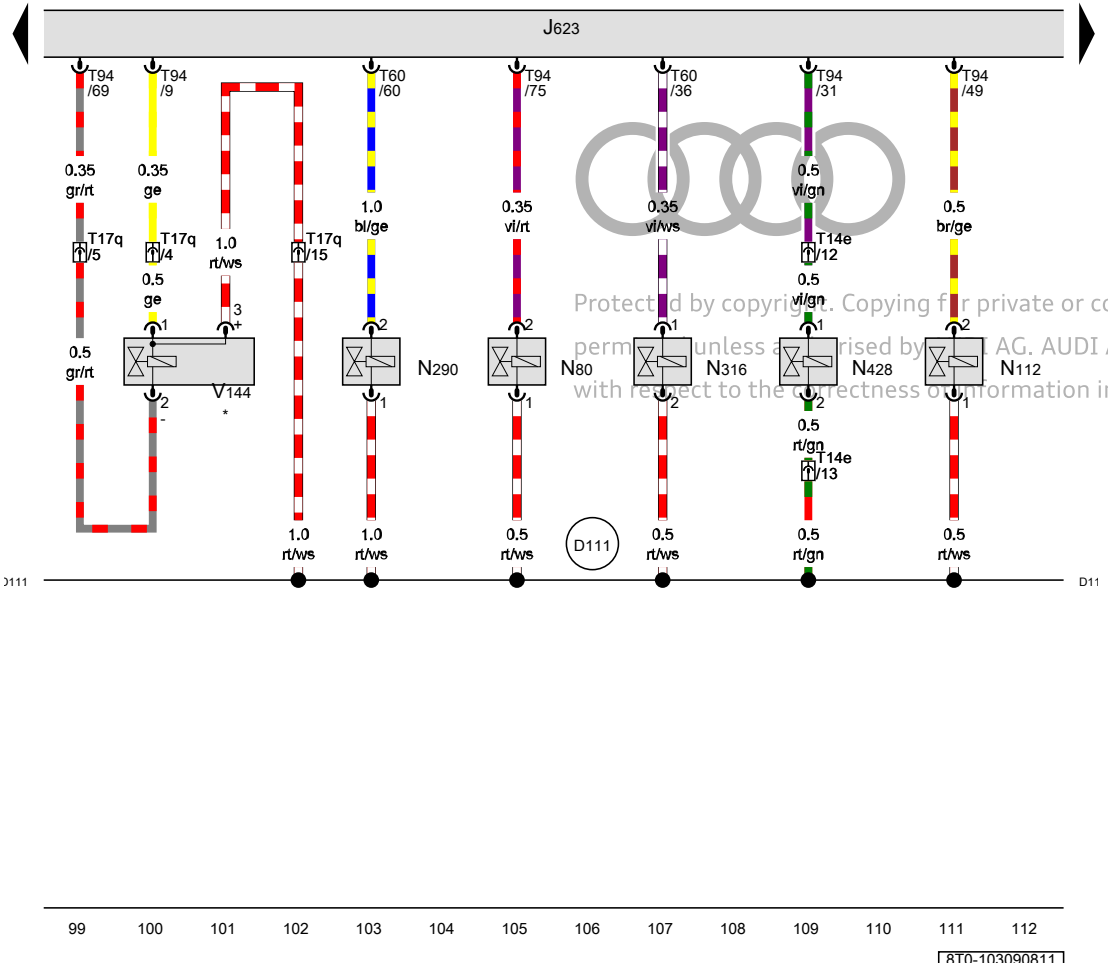
Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Right electrohydraulic engine mounting solenoid valve

G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine control unit
N145	Right electrohydraulic engine mounting solenoid valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T5l	5-pin connector, in engine compartment
T14g	14-pin connector, on right in engine compartment
T94	94-pin connector
V188	Charge air cooling pump
132	Earth connection 3, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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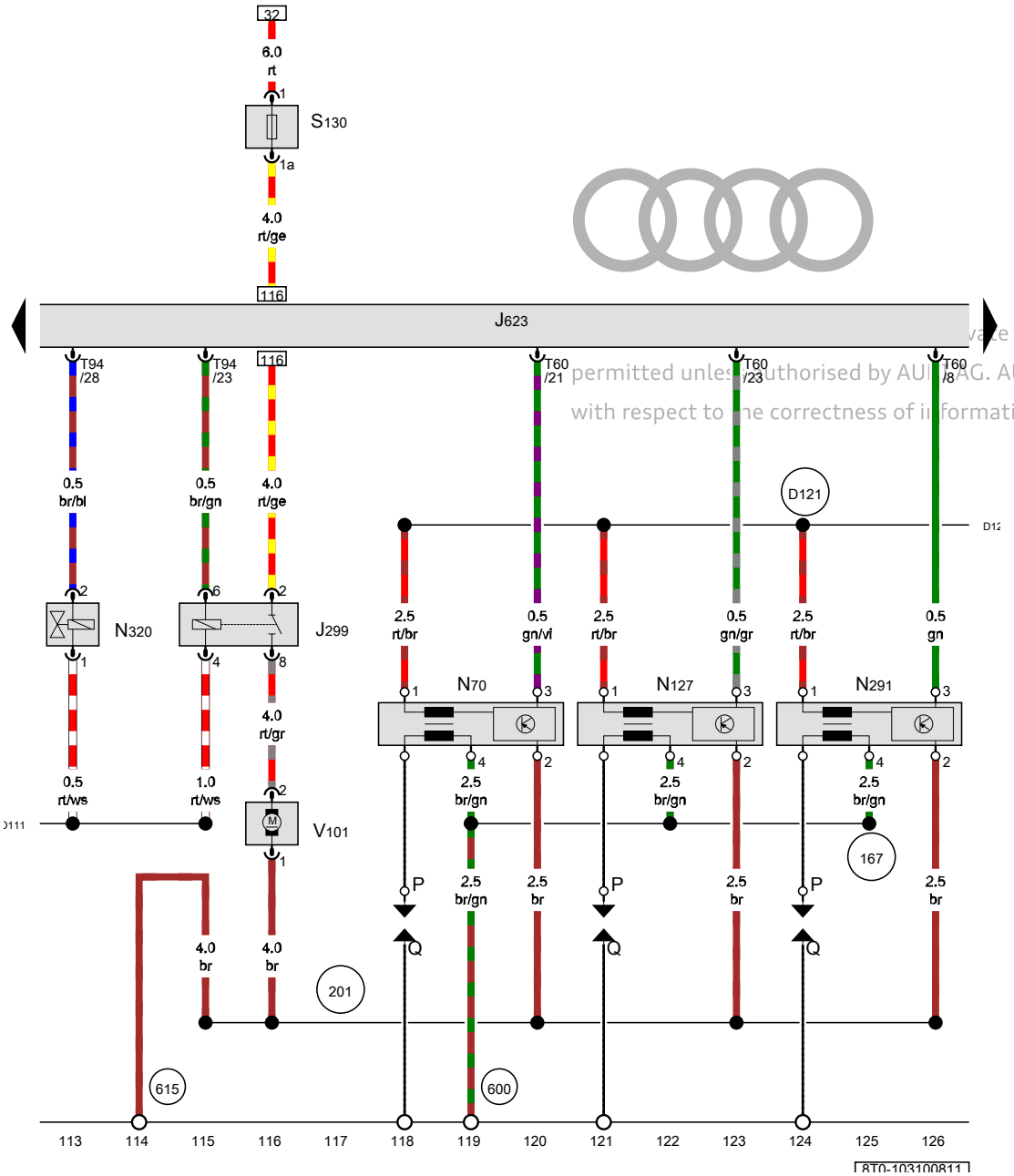
Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Valve for oil pressure control

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N112	Secondary air inlet valve
N290	Fuel metering valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T14e	14-pin connector, on left in engine compartment
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V144	Fuel system diagnostic pump
D111	Connection 9 in engine compartment wiring harness
*	Only models with fuel system diagnostic pump



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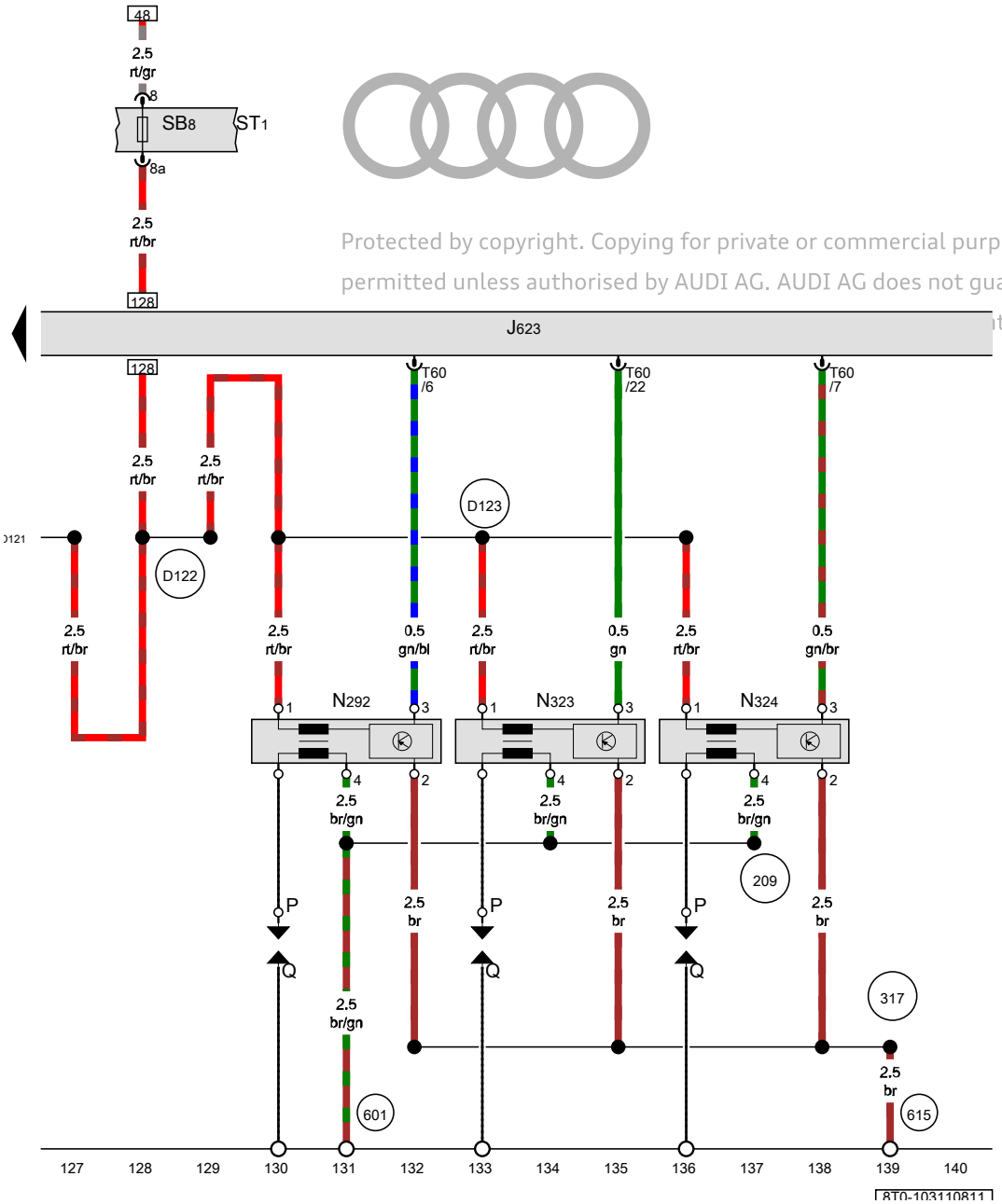


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Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Secondary air inlet valve 2

J299	Secondary air pump relay
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
N320	Secondary air inlet valve 2
P	Spark plug connector
Q	Spark plugs
S130	Secondary air pump fuse
T60	60-pin connector
T94	94-pin connector
V101	Secondary air pump motor
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
615	Earth point, on left suspension strut
D111	Connection 9 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

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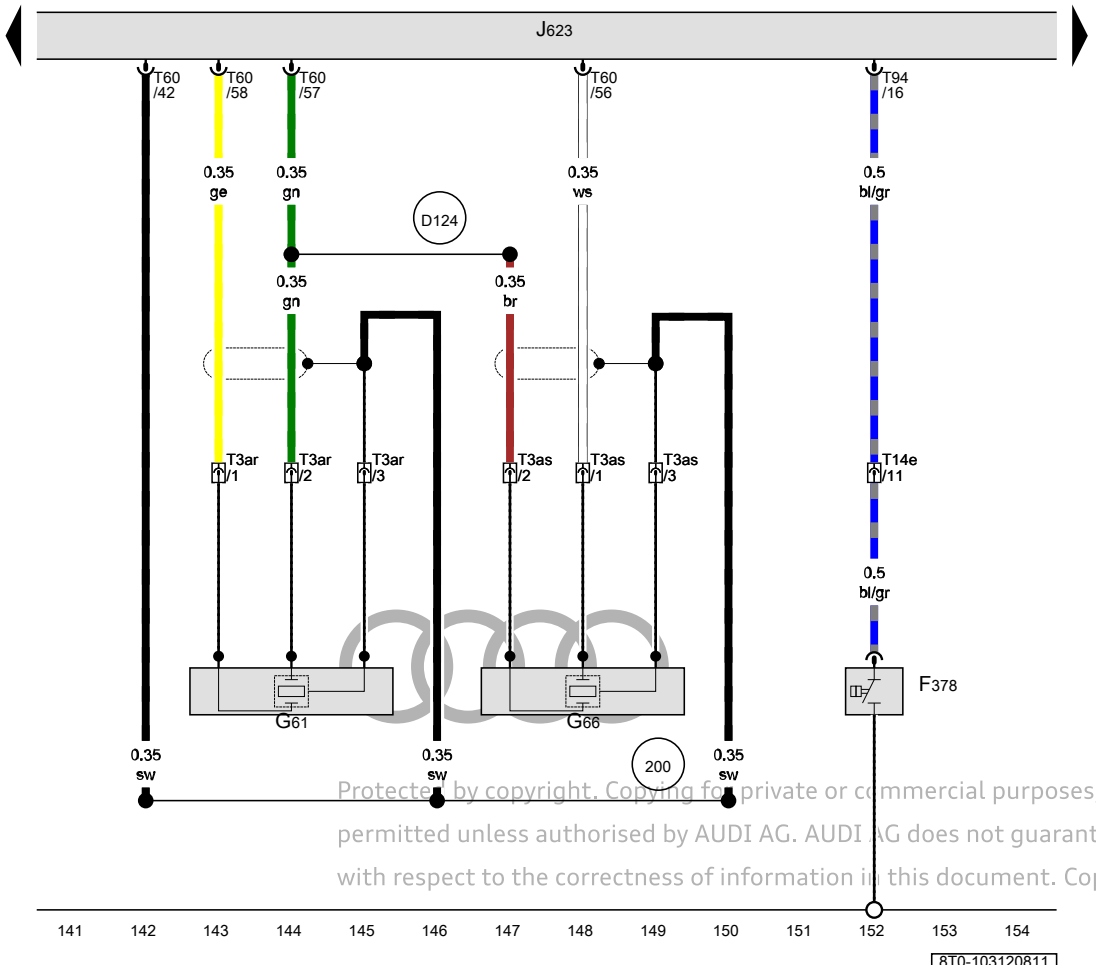
Ignition coil 4 with output stage, Ignition coil 5 with output stage, Ignition coil 6 with output stage

J623	Engine 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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T60	60-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness

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Oil pressure switch for reduced oil pressure, Knock sensor 1, Knock sensor 2

F378	Oil pressure switch for reduced oil pressure
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine control unit
T3ar	3-pin connector, green
T3as	3-pin connector, grey
T14e	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
D124	Connection 22 in engine compartment wiring harness



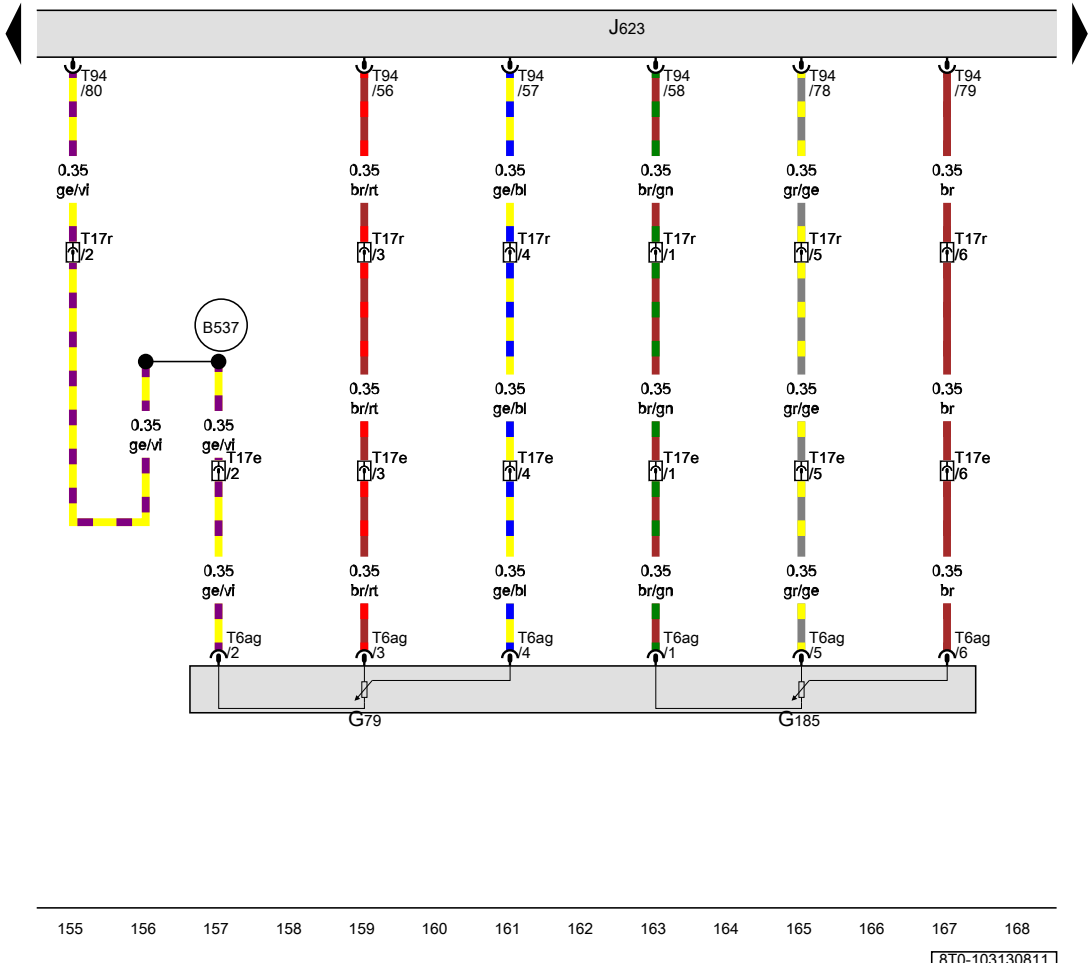
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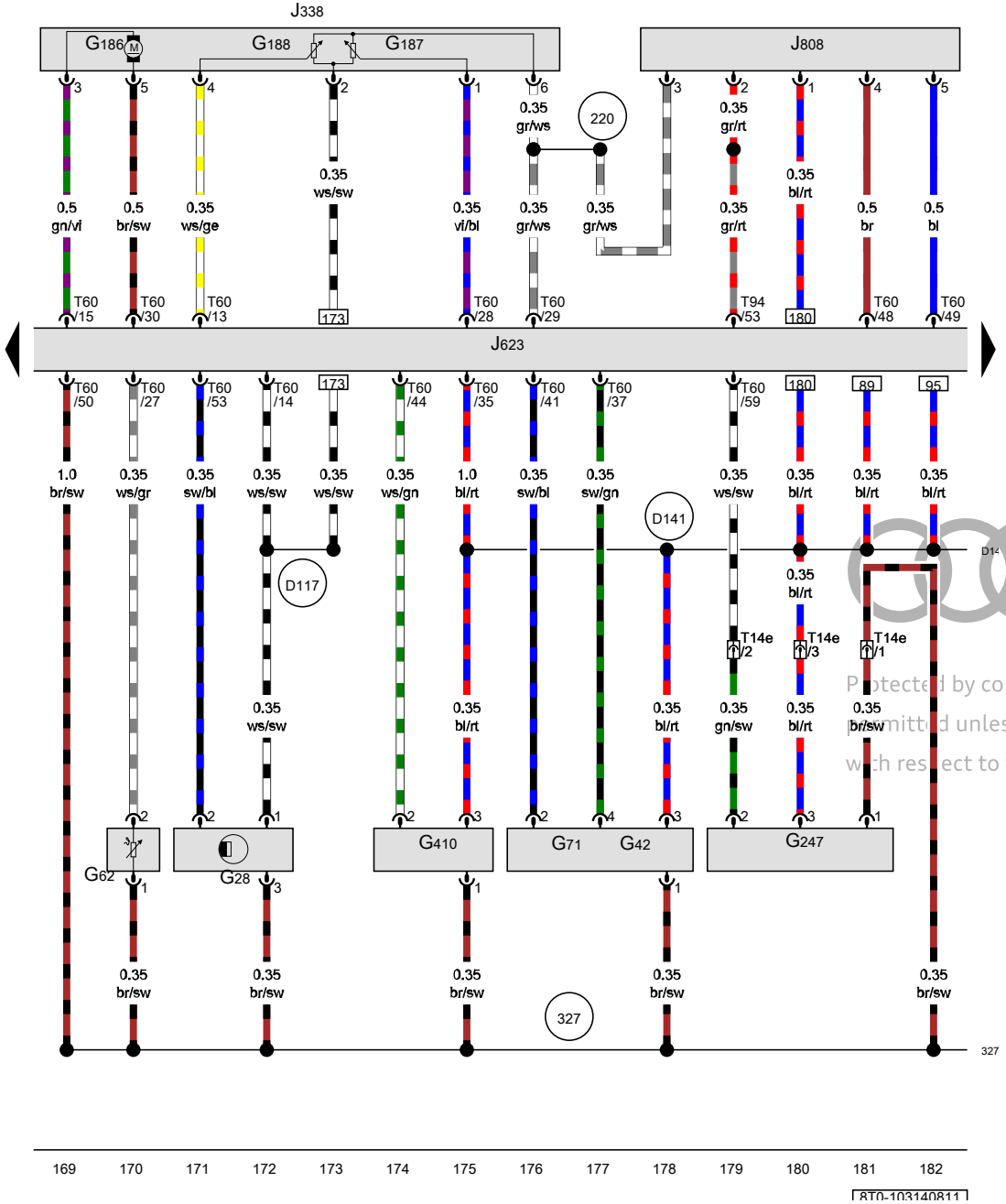
Accelerator position sender, Accelerator position sender 2

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, green
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

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Engine speed sender, Coolant temperature sender, Fuel pressure sender, Throttle valve module

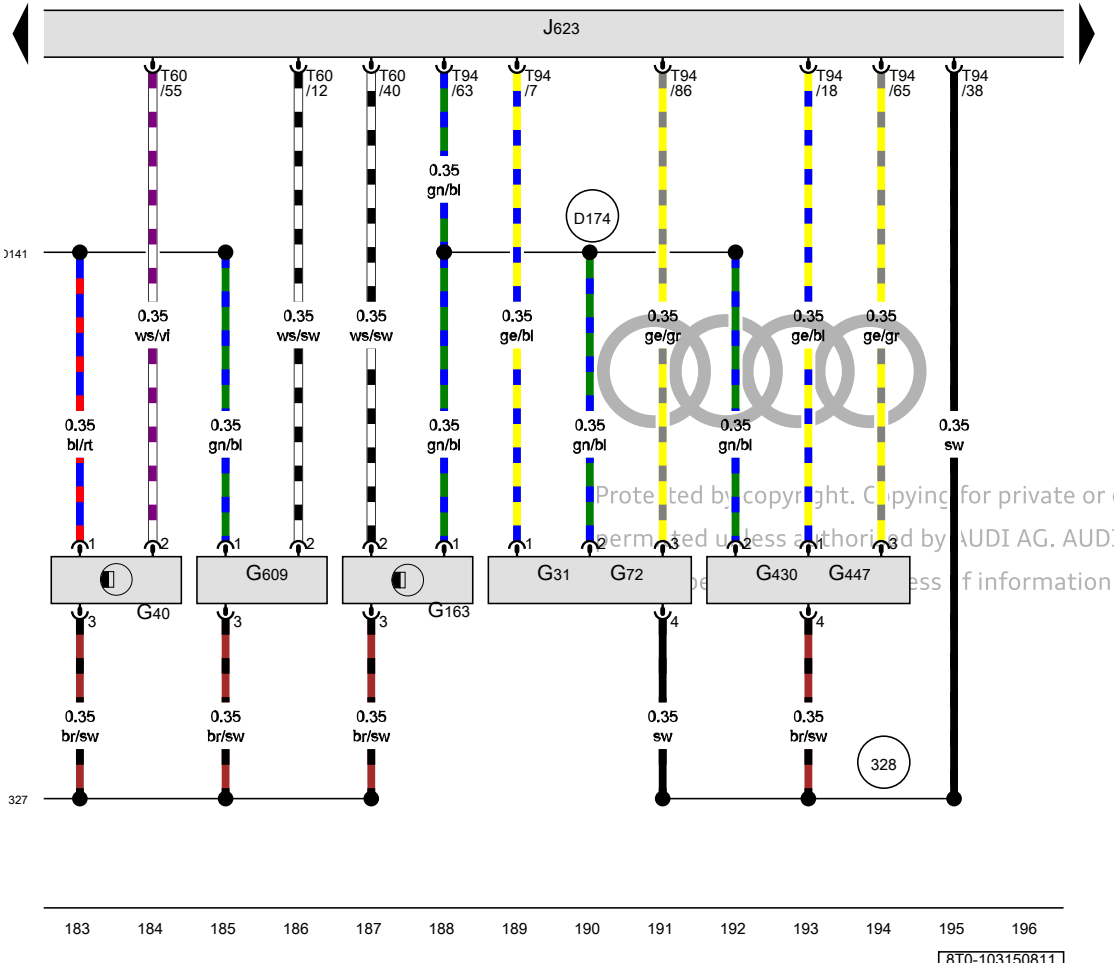
G28	Engine speed sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
G410	Fuel pressure sender for low-pressure
J338	Throttle valve module
J623	Engine control unit
J808	Regulating flap control unit
T14e	14-pin connector, on left in engine compartment
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

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Hall sender, Hall sender 2, Intake manifold temperature sender 2

G31	Charge pressure sender
G40	Hall sender
G72	Intake manifold temperature sender
G163	Hall sender 2
G430	Intake manifold temperature sender 2
G447	Charge pressure sender 2
G609	Sender 1 for secondary air pressure
J623	Engine control unit
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

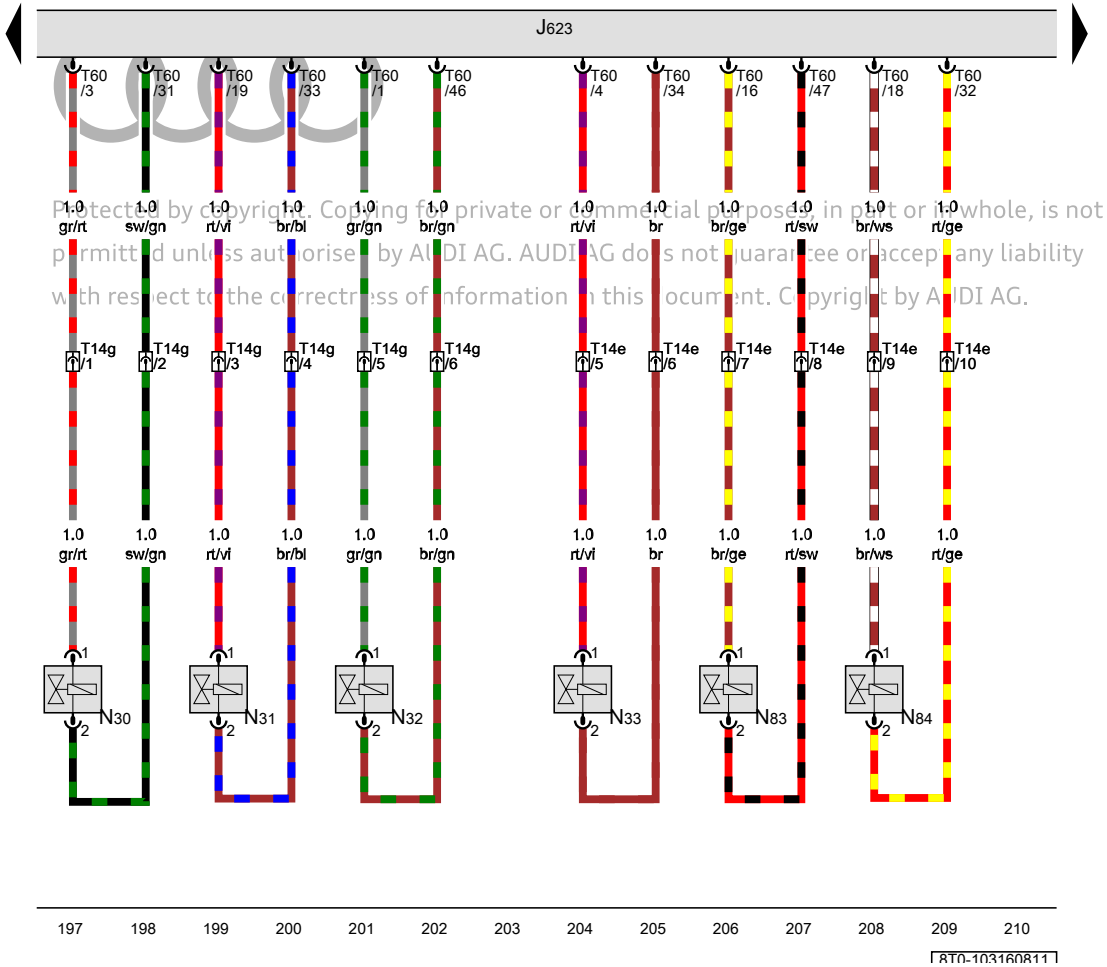


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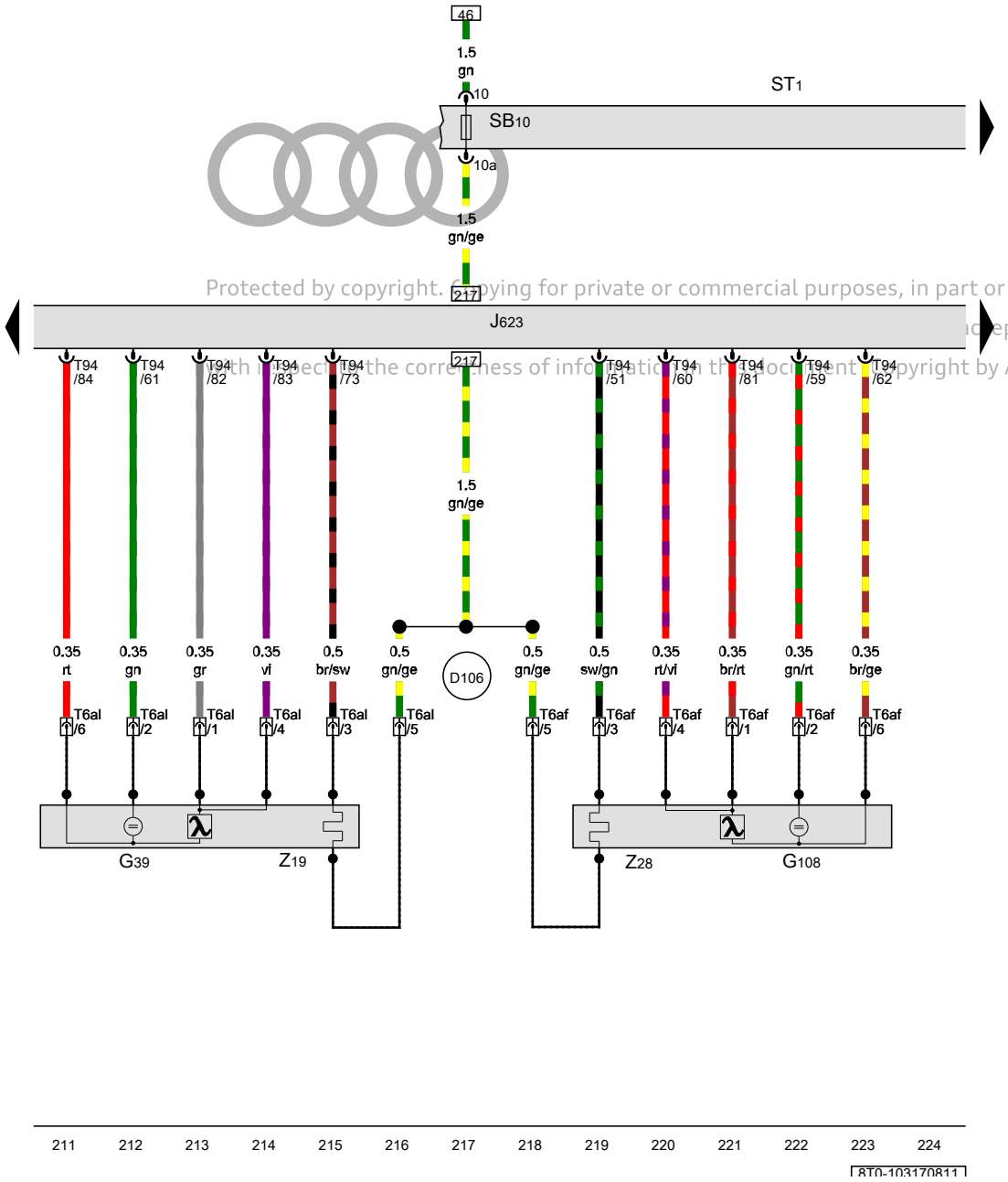
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 6

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
T14e	14-pin connector, on left in engine compartment
T14g	14-pin connector, on right in engine compartment
T60	60-pin connector



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



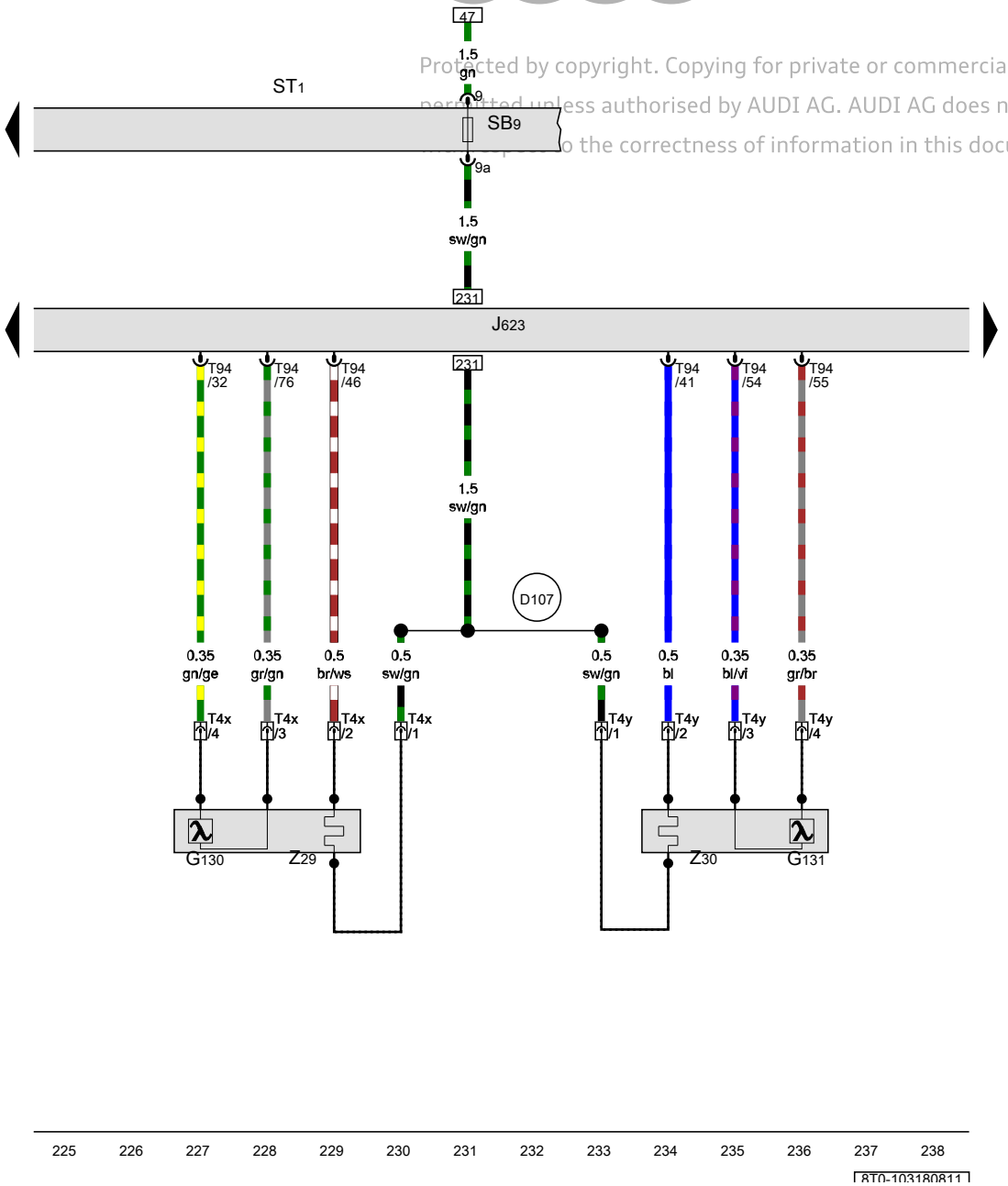
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Lambda probe, Lambda probe 2

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6af	6-pin connector, black
T6al	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

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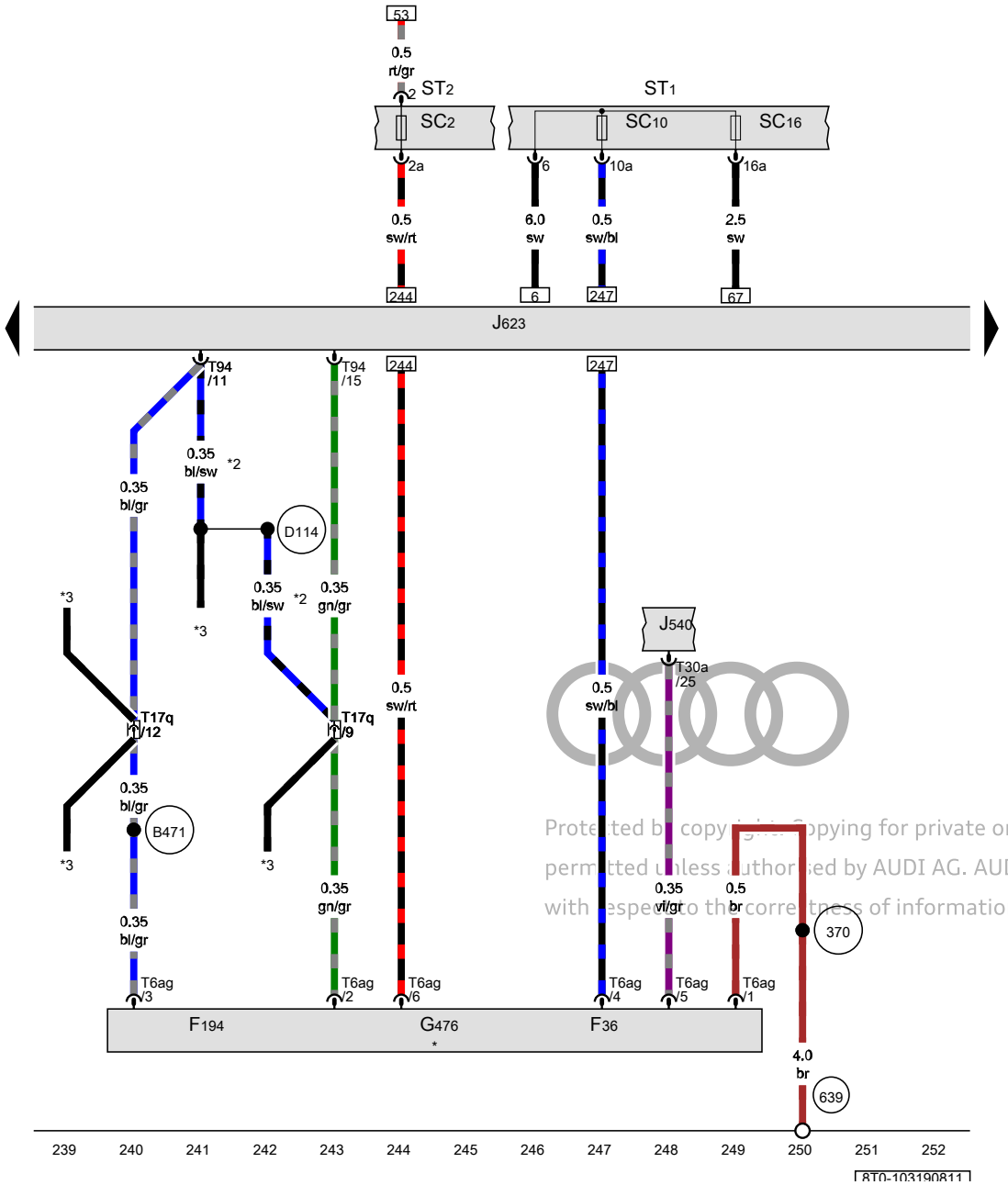
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Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB9	Fuse 9 on fuse holder B
T4x	4-pin connector, black
T4y	4-pin connector, brown
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness

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gn	=	green
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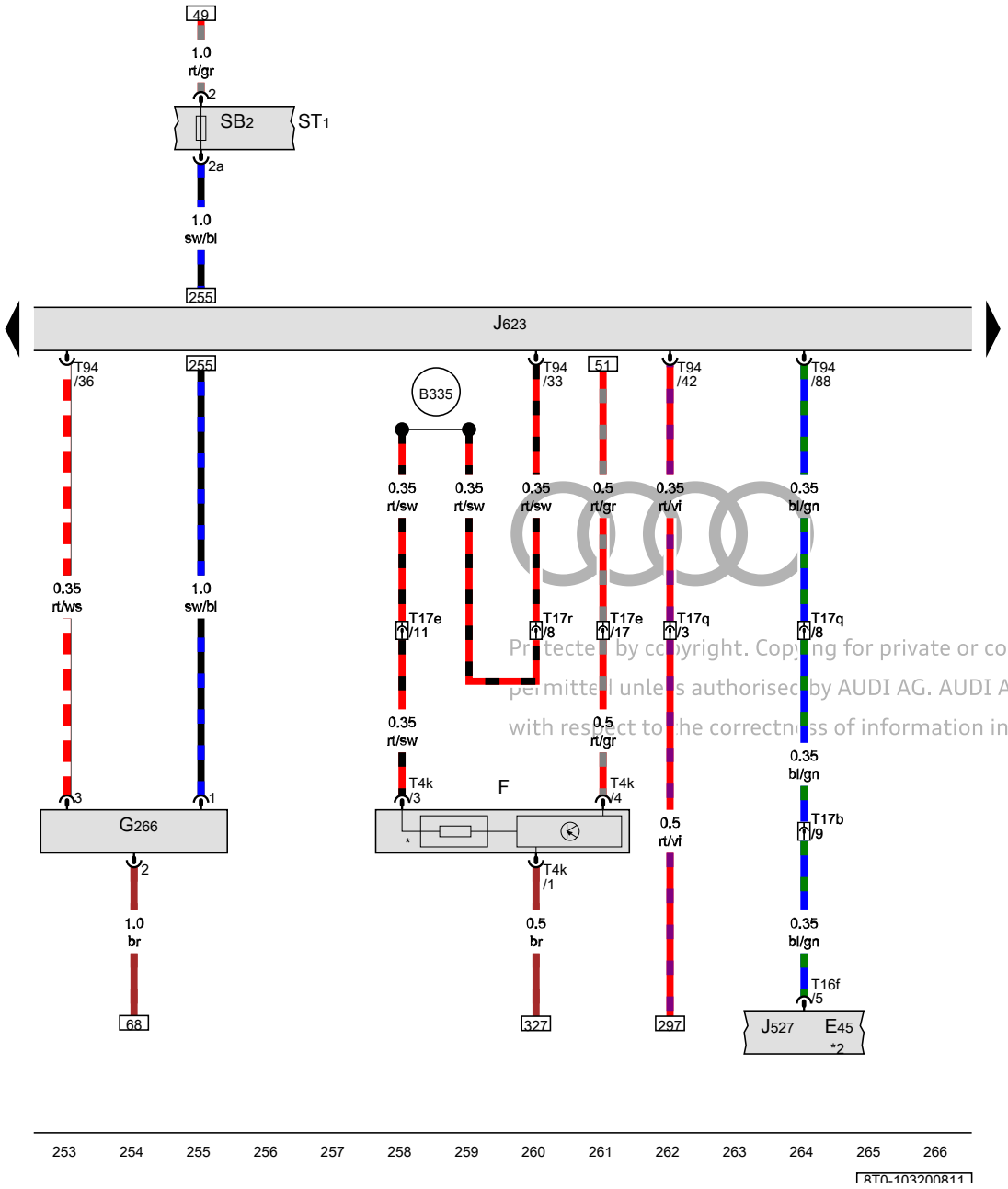
Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6ag	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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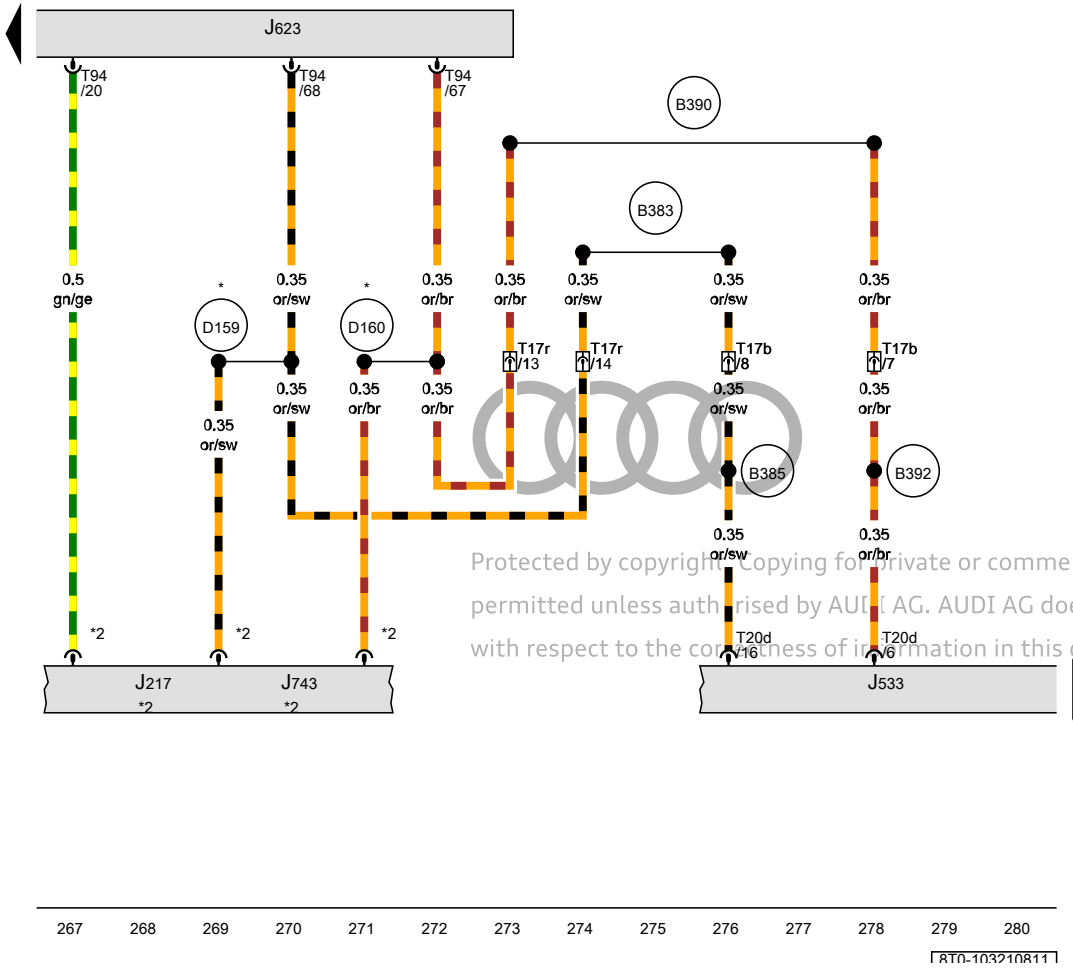
Brake light switch, Oil level and oil temperature sender, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)



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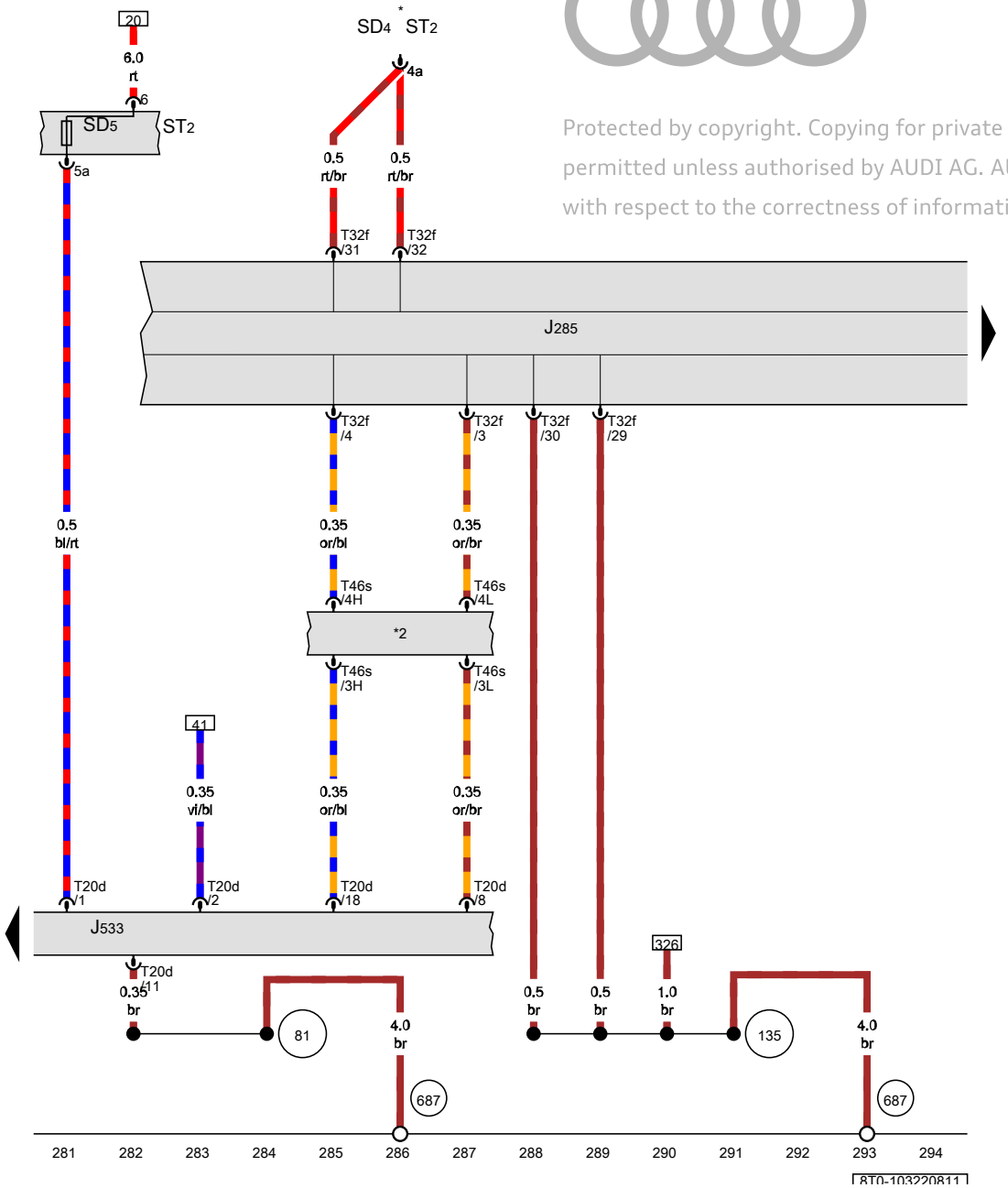


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

ws	=	white
sw	=	black
ro	=	red
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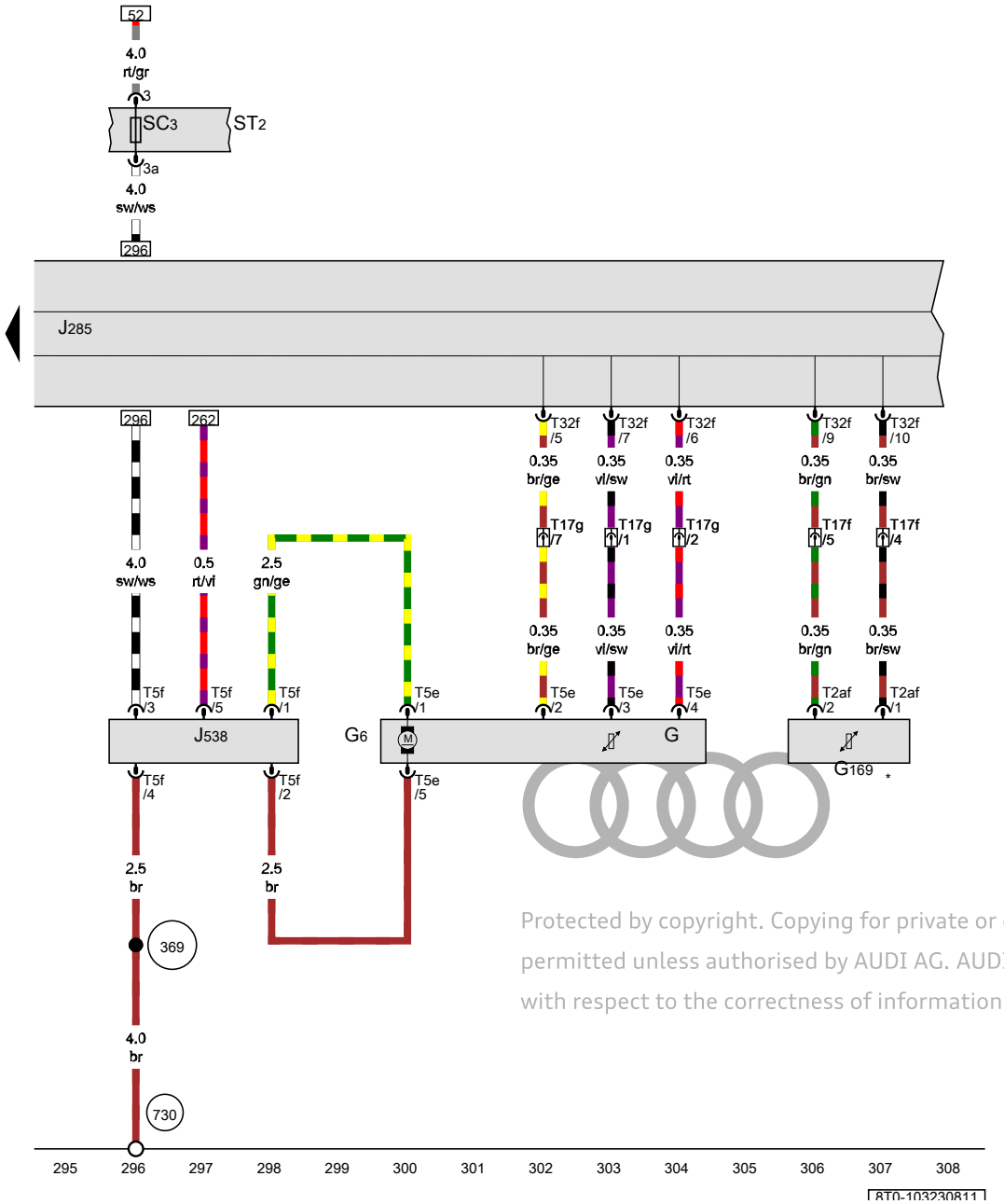


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram

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



Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

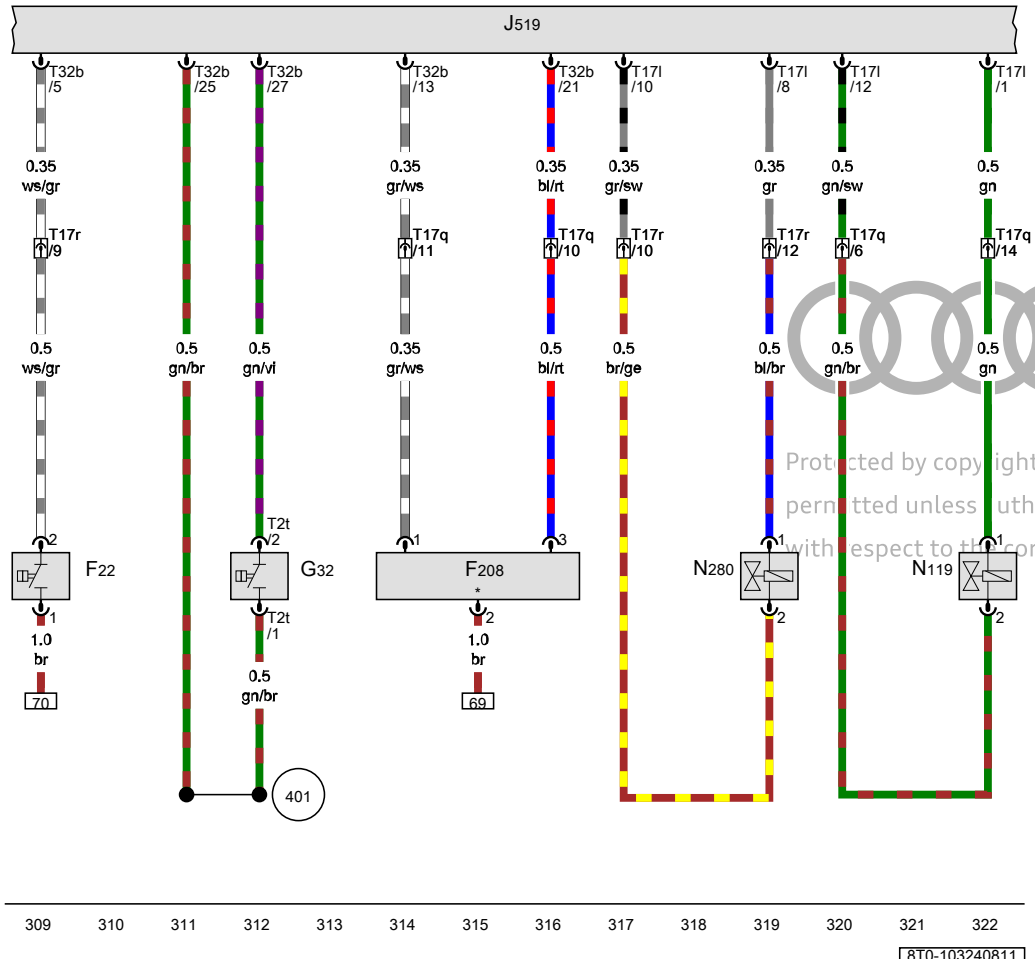
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2af	2-pin connector
T5e	5-pin connector
T5f	5-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
730	Earth point 1, on right rear wheel housing
*	Only models with all-wheel drive

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rs	=	pink

Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
F208	Gear detector switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N119	Servotronic solenoid valve
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	Only models with manual gearbox

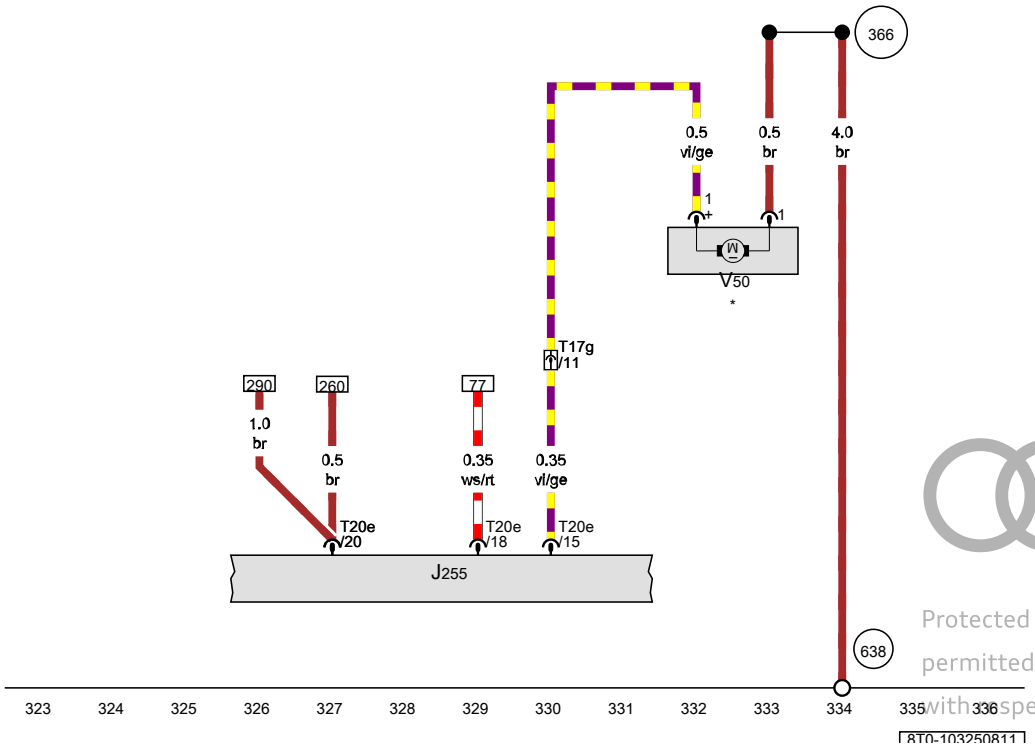


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Coolant circulation pump

J255	Climatronic control unit
T17g	17-pin connector, black
T20e	20-pin connector
V50	Coolant circulation pump
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
*	Special equipment



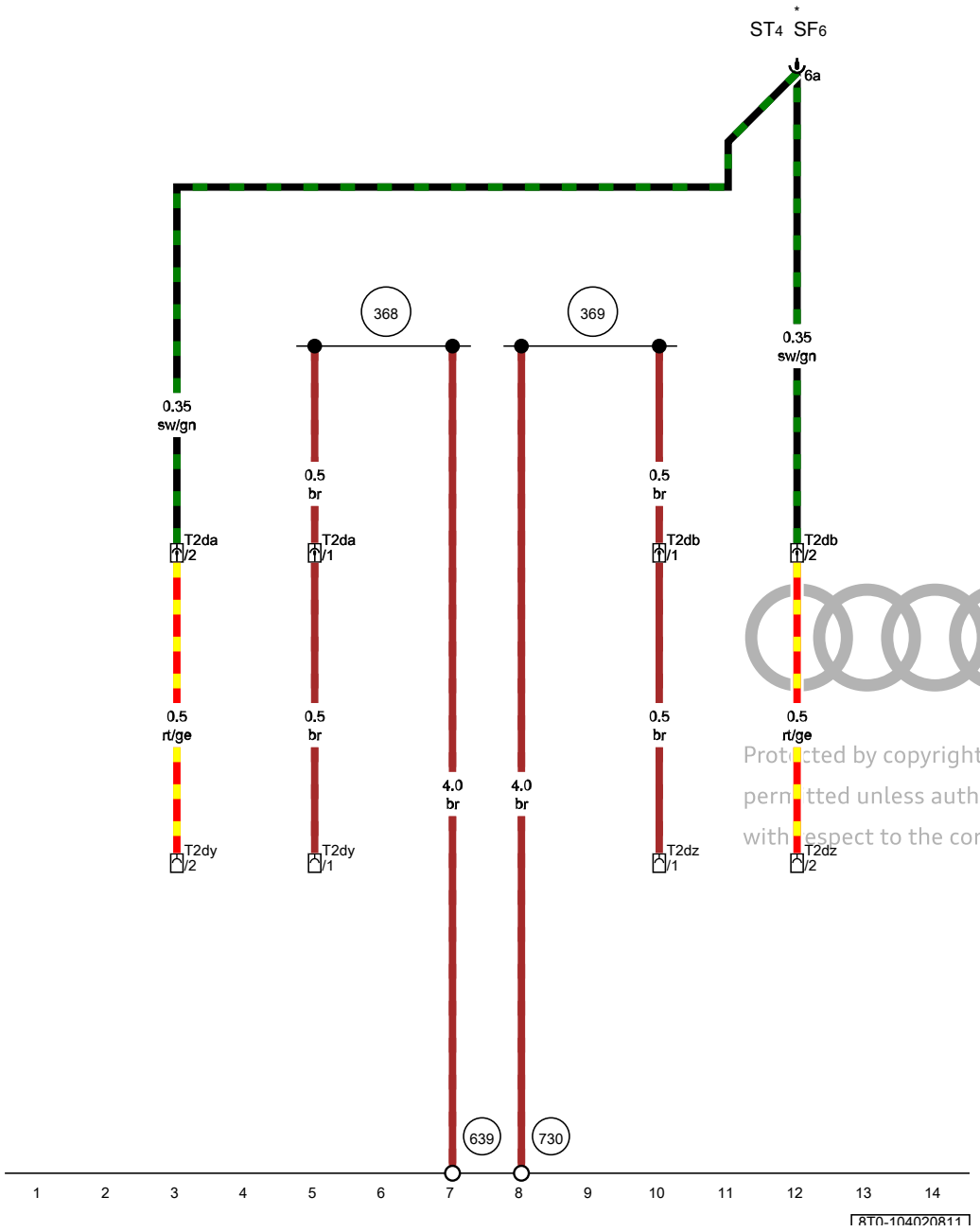
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Preparation for multimedia system

From May 2009

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2-pin connector

ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
T2da	2-pin connector, blue
T2db	2-pin connector, blue
T2dy	2-pin connector, in driver seat armrest
T2dz	2-pin connector, in front passenger seat armrest
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for fuse assignment

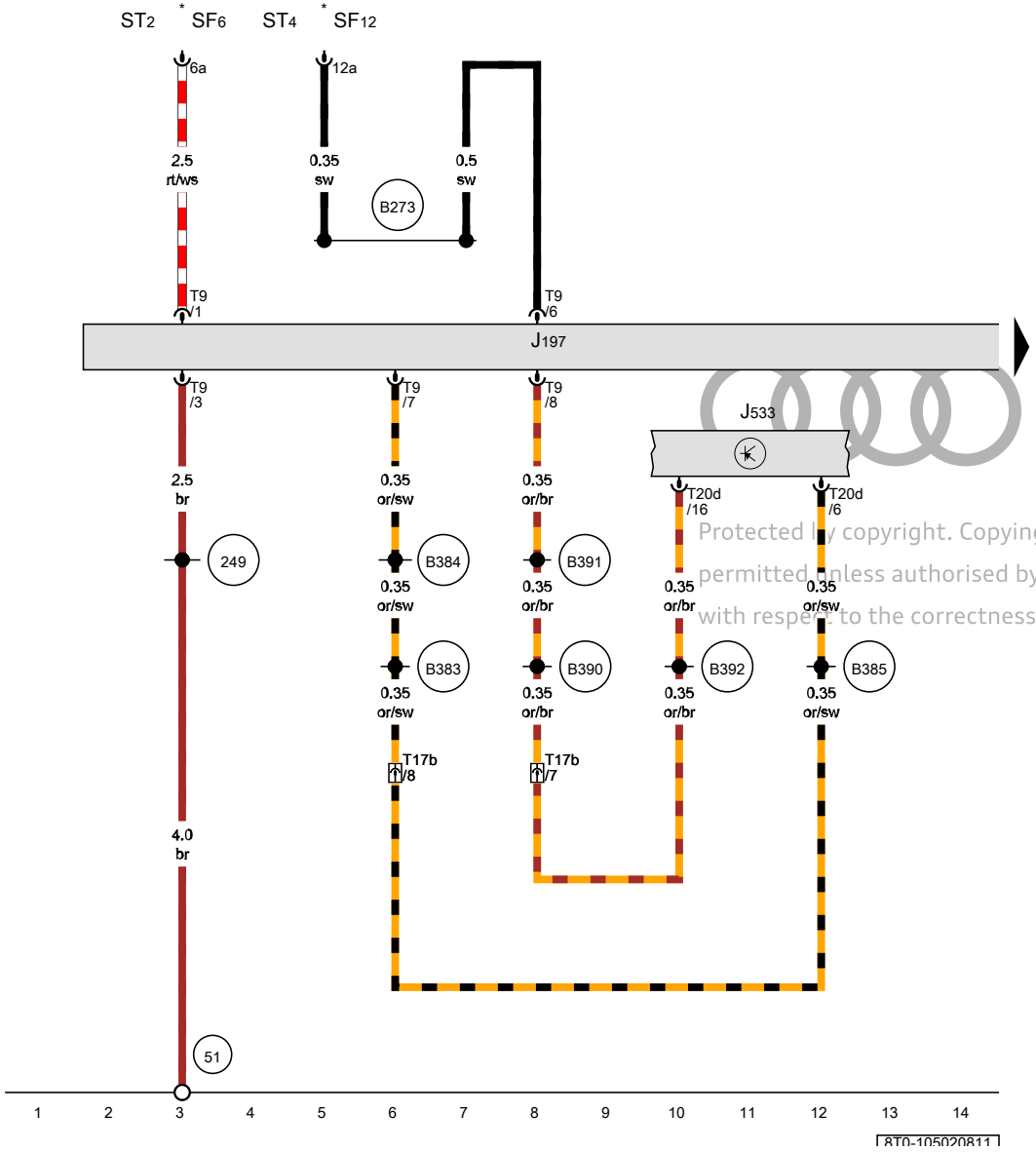
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Dynamic Ride Control

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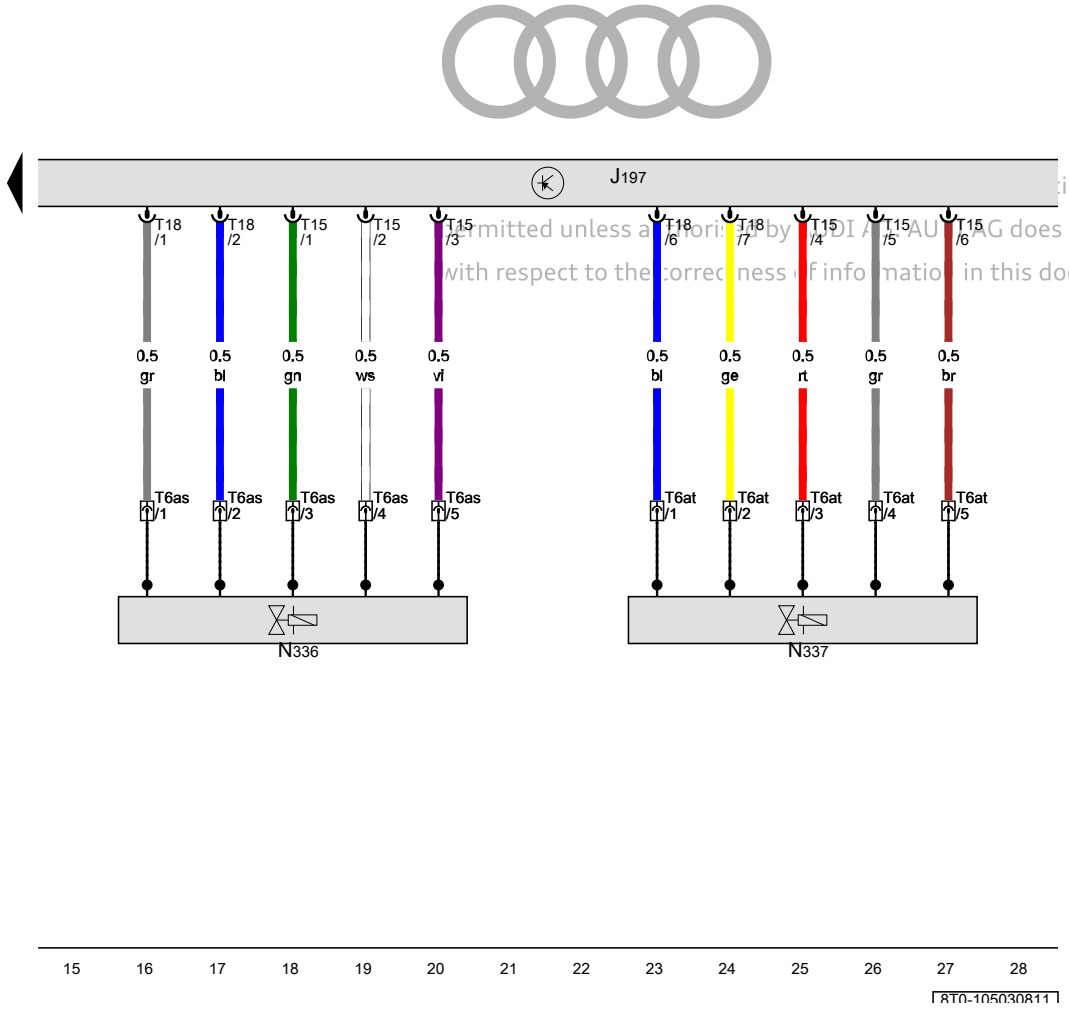
Adaptive suspension control unit

J197	Adaptive suspension control unit
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
ST4	Fuse carrier 4
SF6	Fuse 6 in fuse holder F
SF12	Fuse 12 in fuse holder F
T9	9-pin connector
T17b	17-pin connector, blue
T20d	20-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Adaptive suspension control unit, Front left shock absorber damping adjustment valve, Front right 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
T6as	6-pin connector, on front left suspension strut
T6at	6-pin connector, on front right suspension strut
T15	15-pin connector
T18	18-pin connector



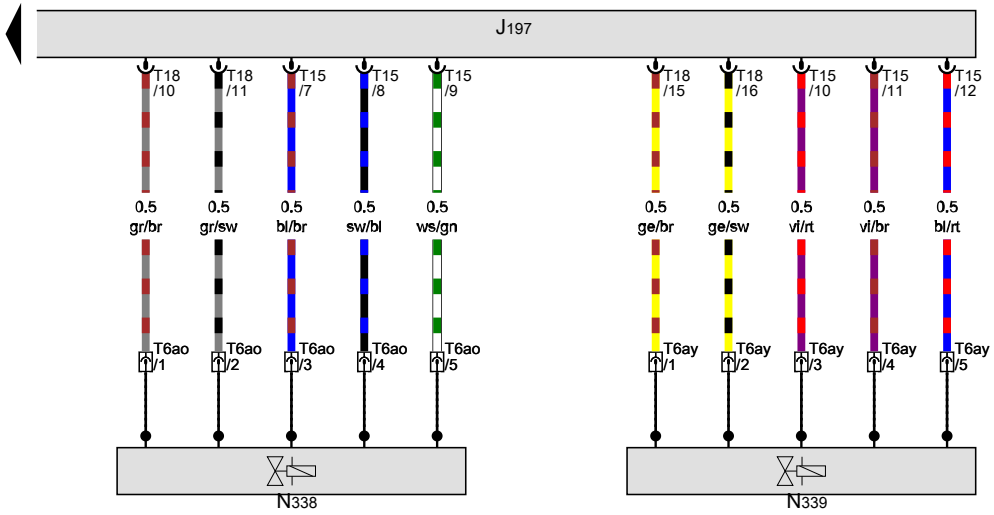
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ge	=	yellow
or	=	orange
rs	=	pink

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

J197	Adaptive suspension control unit
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T6ao	6-pin connector, on rear right suspension strut
T6ay	6-pin connector, on rear right suspension strut
T15	15-pin connector
T18	18-pin connector

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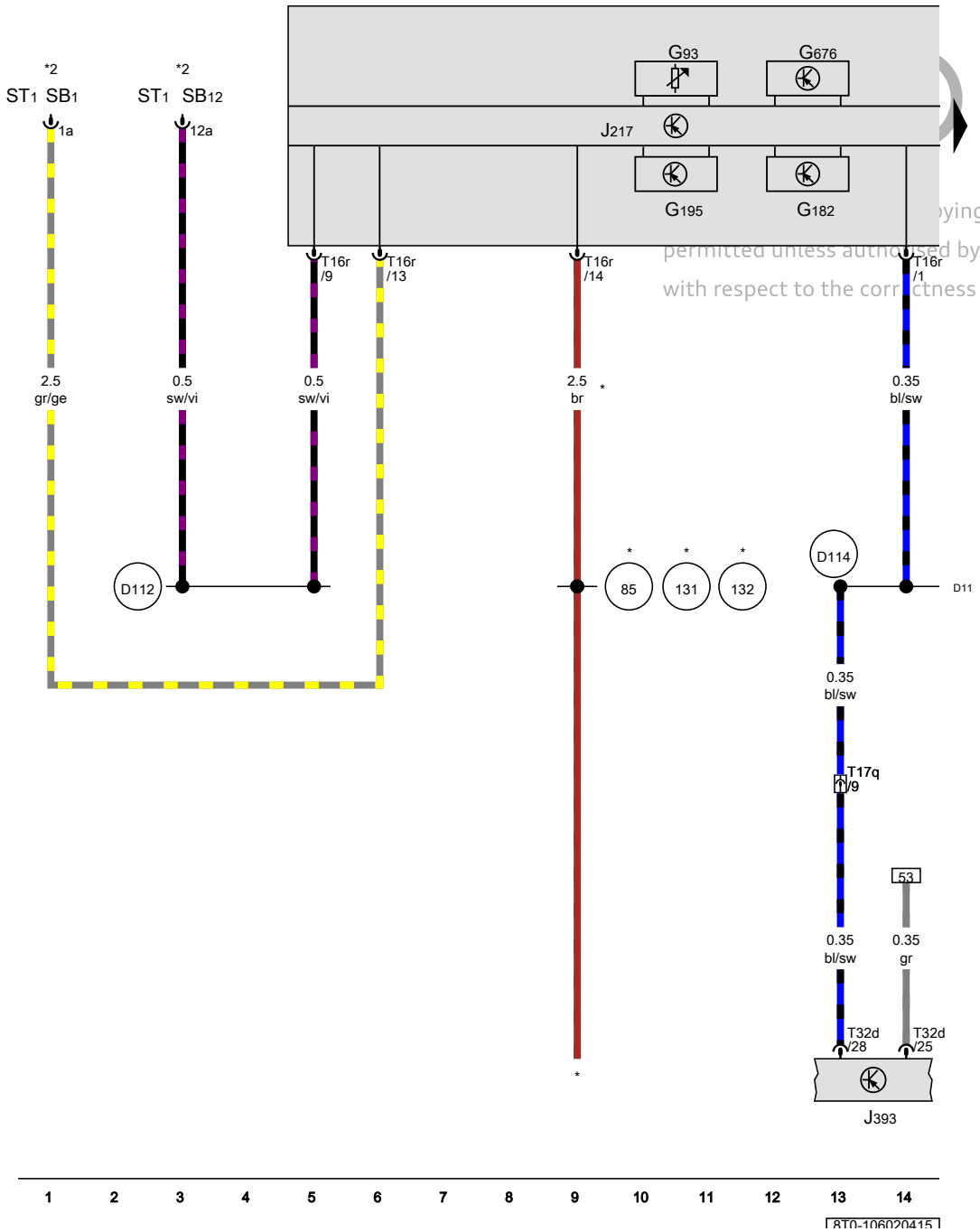
29 30 31 32 33 34 35 36 37 38 39 40 41 42

8T0-105040811

8-speed automatic gearbox 0BK/0BL

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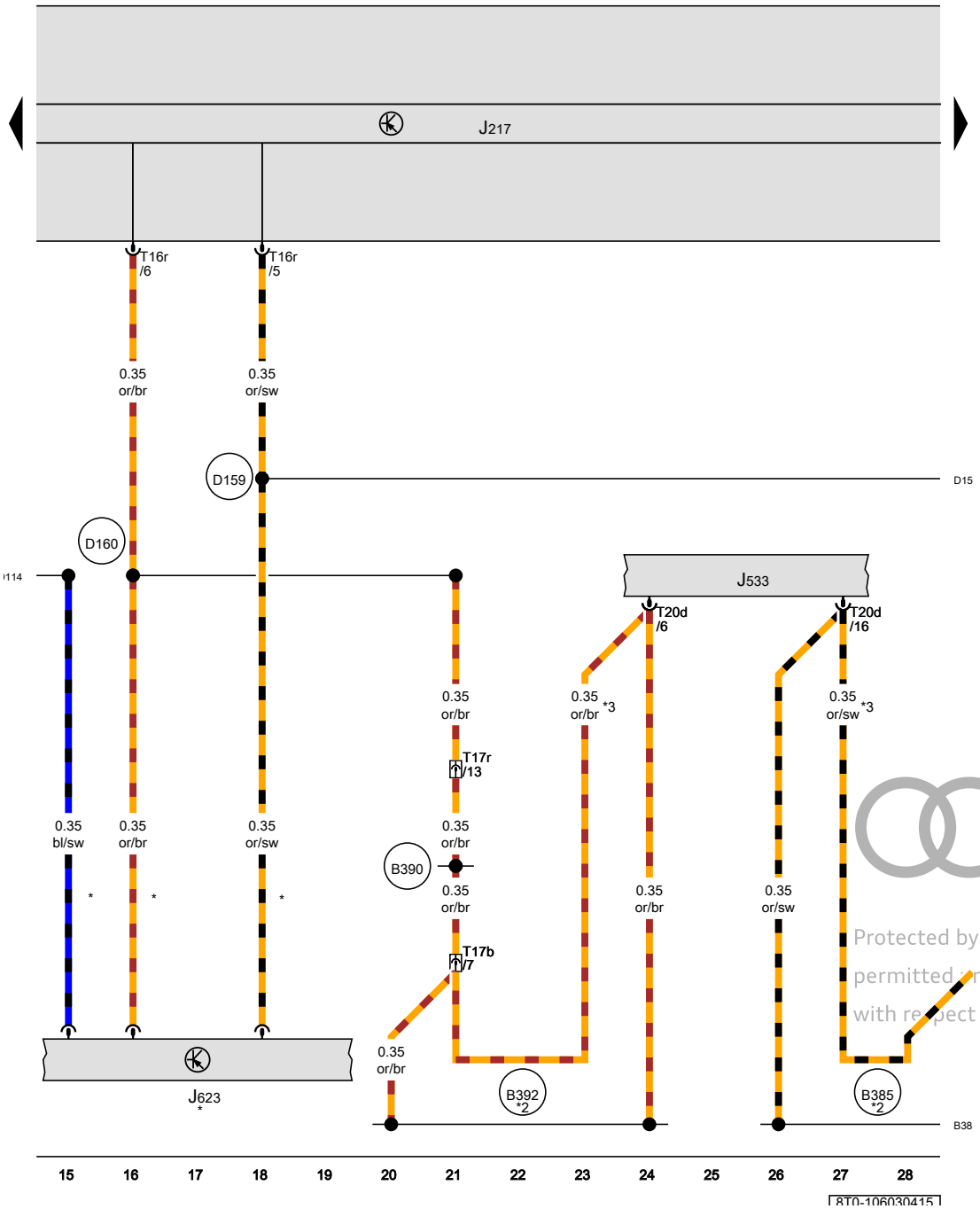


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Gearbox oil temperature sender, Gearbox input speed sender, Gearbox output speed sender, Gear sensor, Automatic gearbox control unit

G93	Gearbox oil temperature sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
G676	Gear sensor
J217	Automatic gearbox control unit
J393	Convenience system central control unit
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB12	Fuse 12 on fuse holder B
T16r	16-pin connector
T17q	17-pin connector, red
T32d	32-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
D112	Connection 10 in engine compartment wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for fuse assignment

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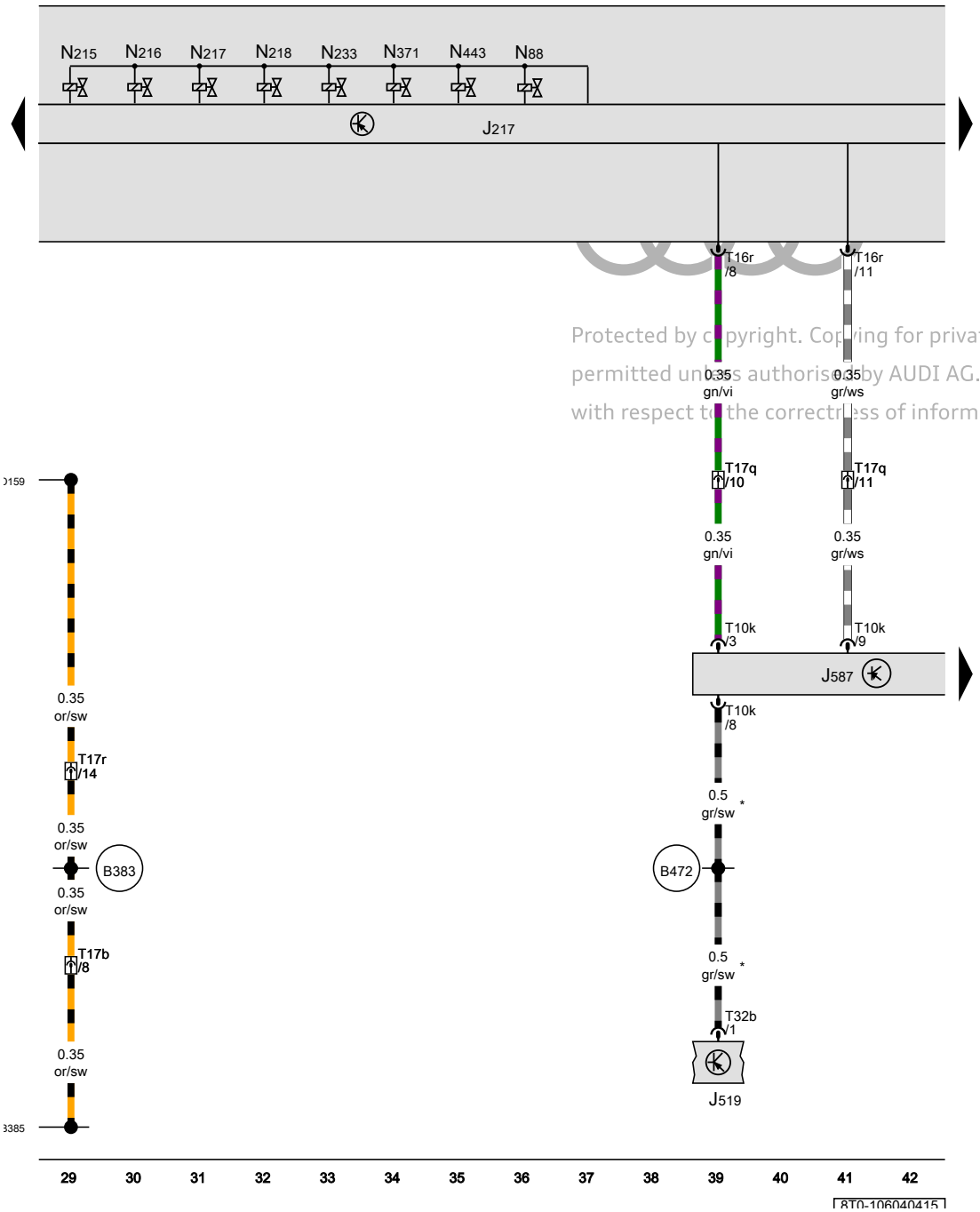


Automatic gearbox control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T16r	16-pin connector
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D114	Connection 12 in engine compartment wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Gradually discontinued
*3	gradual introduction

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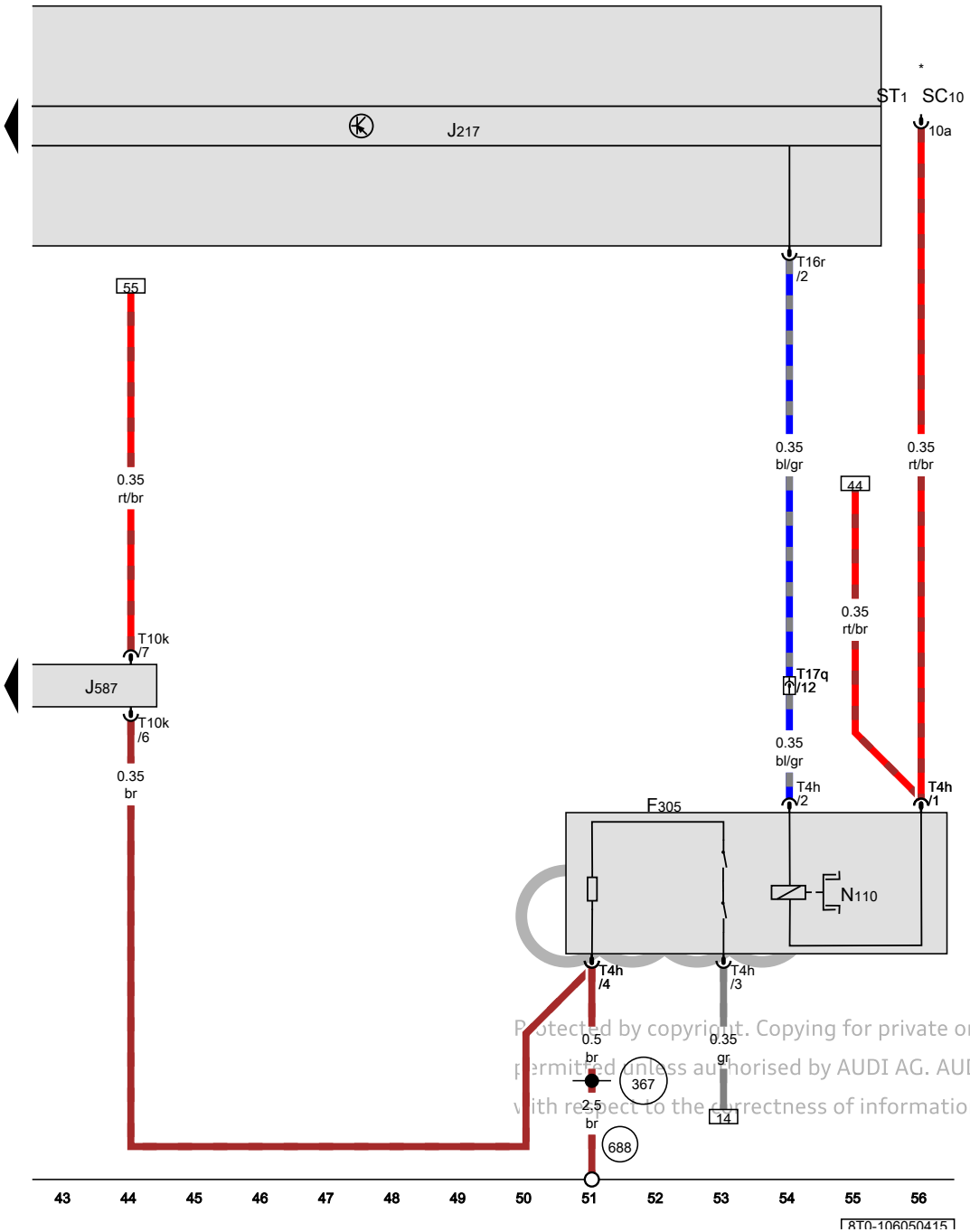


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Automatic gearbox control unit, Onboard supply control unit, Selector lever sensors control unit, Solenoid valve 1, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 3, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 6, Automatic gearbox pressure regulating valve 7

J217	Automatic gearbox control unit
J519	Onboard supply control unit
J587	Selector lever sensors 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
T10k	10-pin connector
T16r	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B472	Connection 8, in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
*	Cross section depends on equipment

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



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
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
T4h	4-pin connector
T10k	10-pin connector
T16r	16-pin connector
T17q	17-pin connector, red
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
*	see applicable current flow diagram for fuse assignment

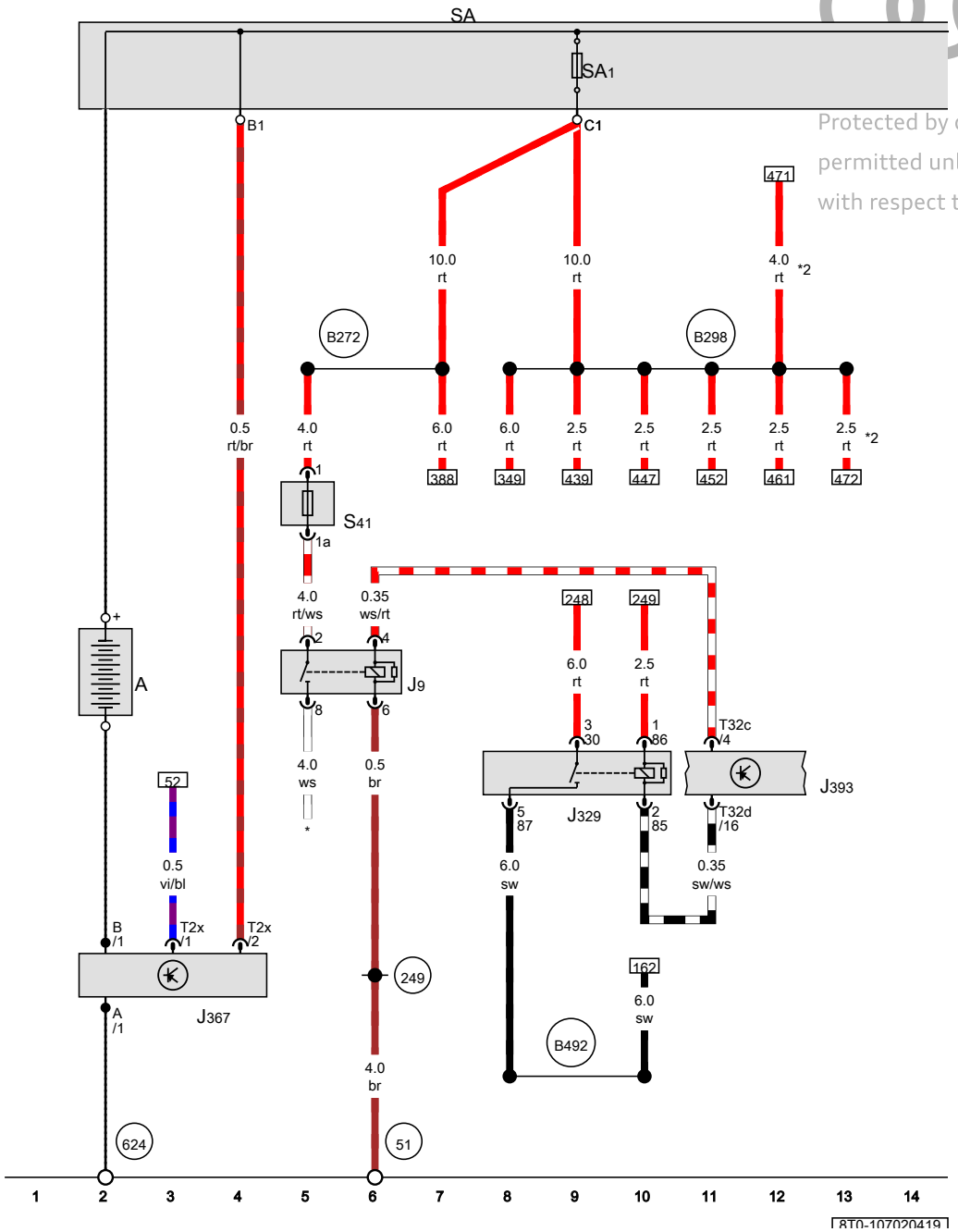
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ge	=	yellow
or	=	orange
rs	=	pink

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Fuse assignment

From August 2011

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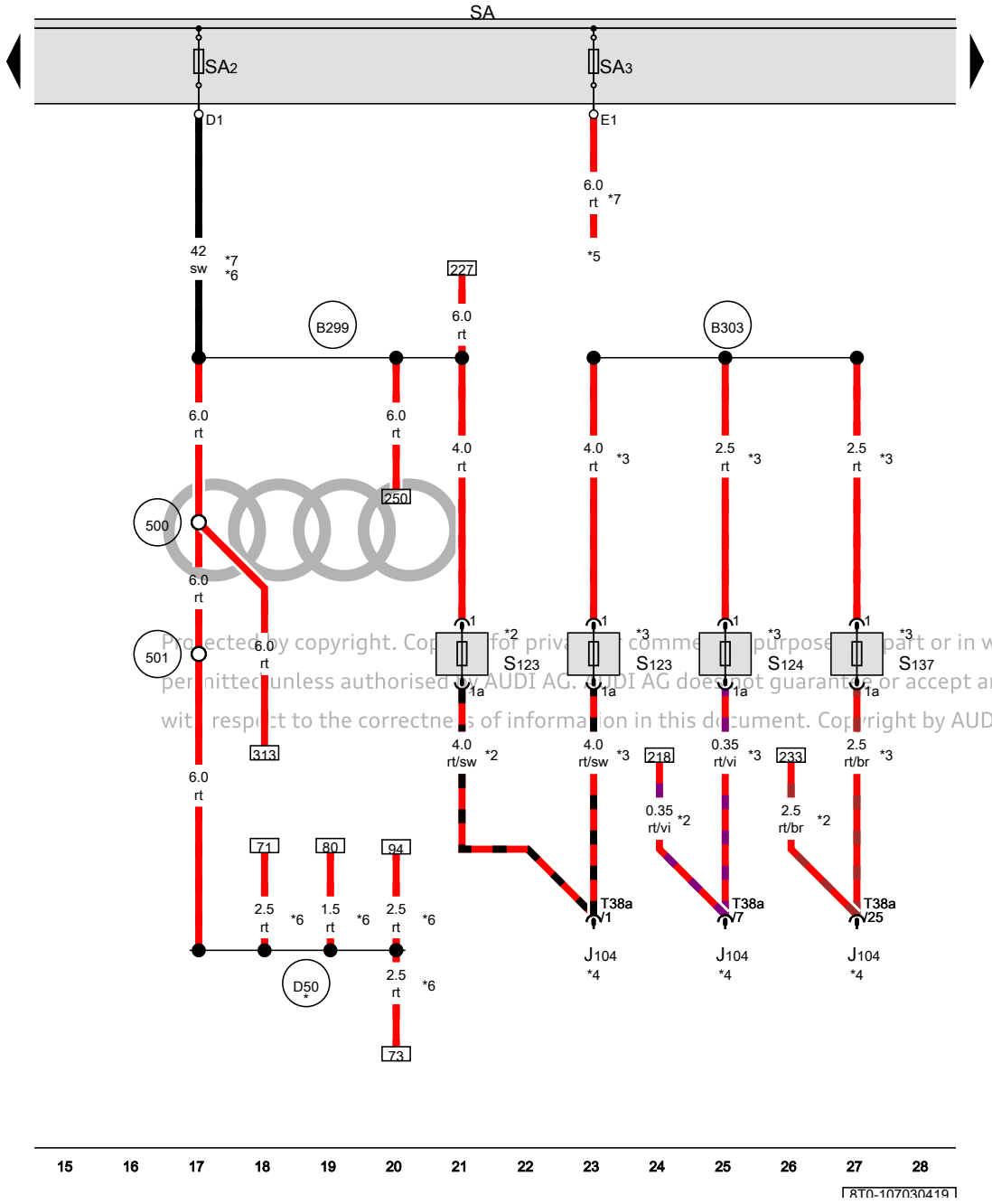


Battery, Battery monitor control unit, Fuse holder A

A	Battery
J9	Heated rear window relay
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 on fuse holder A
S41	Heated rear window single fuse
SA	Fuse holder A
T2x	2-pin connector
T32c	32-pin connector
T32d	32-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
624	Earth point, starter battery
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness
*	see applicable current flow diagram for basic 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
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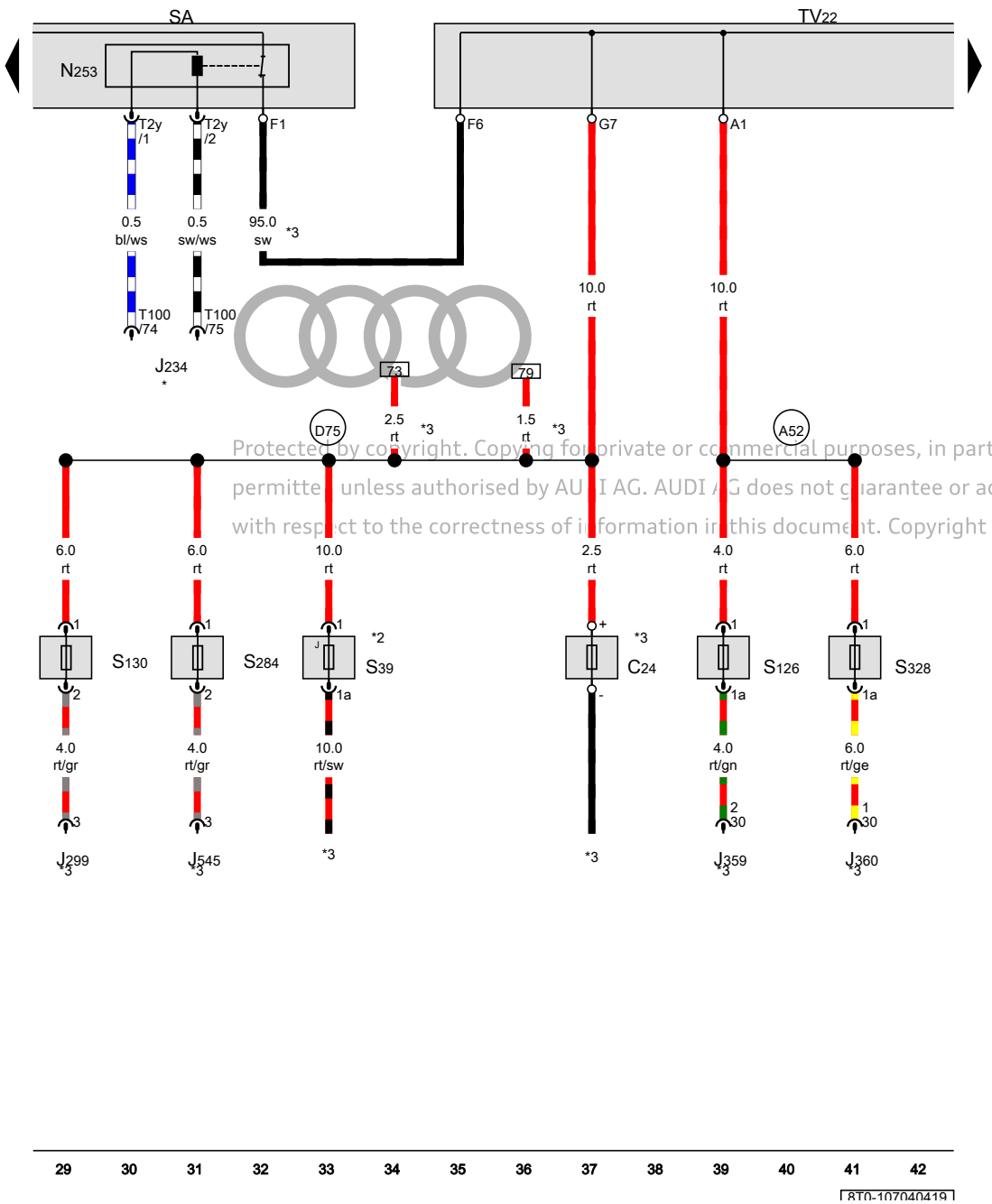


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ABS control unit fuse 1, Fuse holder A

J104	ABS control unit
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S137	ABS control unit fuse 3
SA	Fuse holder A
T38a	38-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
B299	Positive connection 3 (30), in main wiring harness
B303	Positive connection 7 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine/ radiator fan
*2	For left-hand drive models
*3	For right-hand drive models
*4	see applicable current flow diagram for ABS
*5	Only applicable to special vehicles
*6	see applicable current flow diagram for engine
*7	Cross section depends on equipment

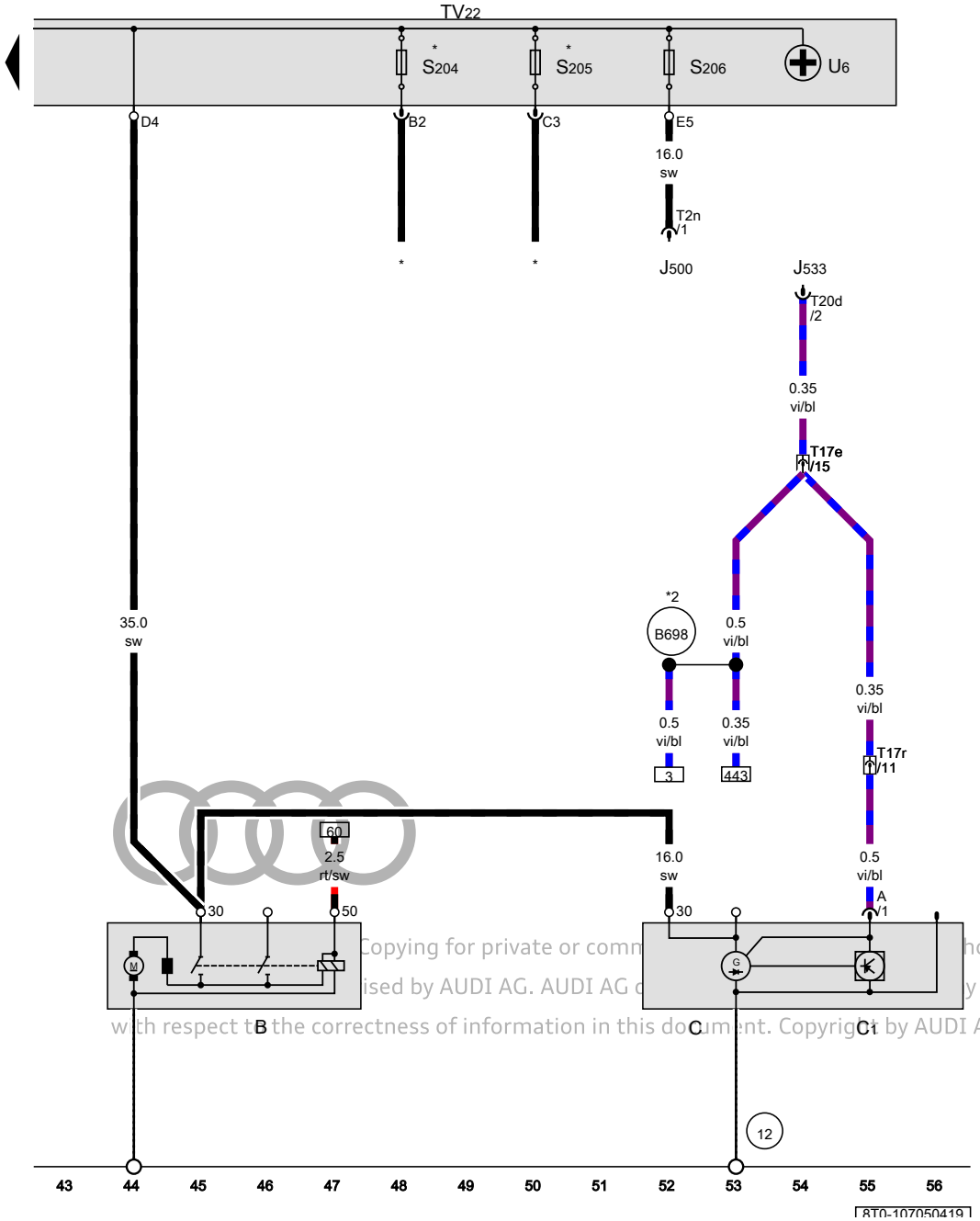


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Battery isolation igniter, Engine glow plug strip fuse, Auxiliary heater fuse, Auxiliary heater fuse 2, Fuse holder A, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
J299	Secondary air pump relay
J359	Low heat output relay
J360	High heat output relay
J545	Secondary air pump 2 relay
N253	Battery isolation igniter
S39	Engine glow plug strip fuse
S126	Auxiliary heater fuse
S130	Secondary air pump fuse
S284	Secondary air pump fuse 2
S328	Auxiliary heater fuse 2
SA	Fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
A52	Positive connection 2 (30), in dash panel wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for airbag
*2	For models with diesel engine
*3	see applicable current flow diagram for engine

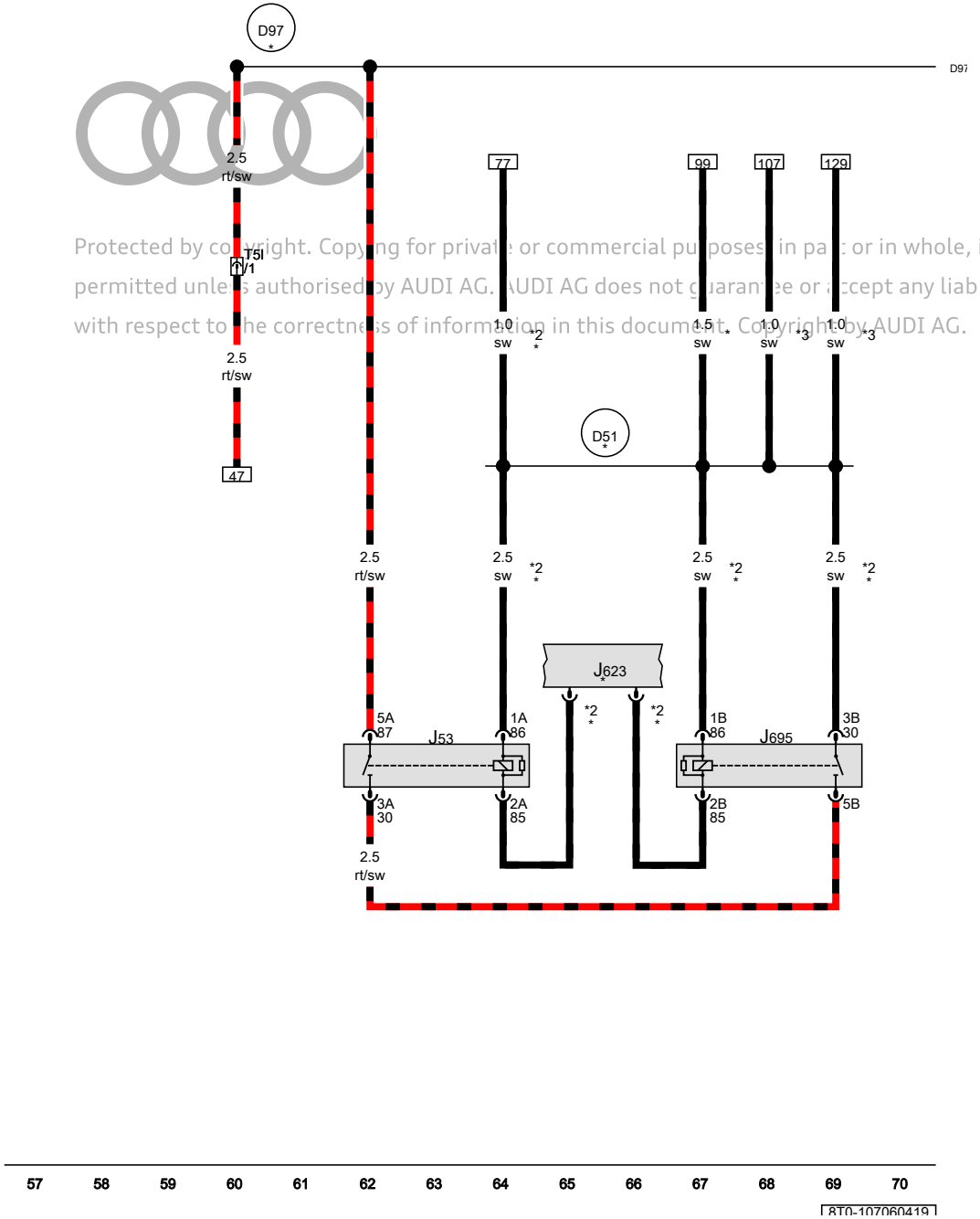


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Starter, Alternator, Terminal 30 wiring junction 2

B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
J533	Data bus diagnostic interface
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, in left A-pillar coupling station
T17r	17-pin connector, in E-box
T20d	20-pin connector
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	For models with stop/start system

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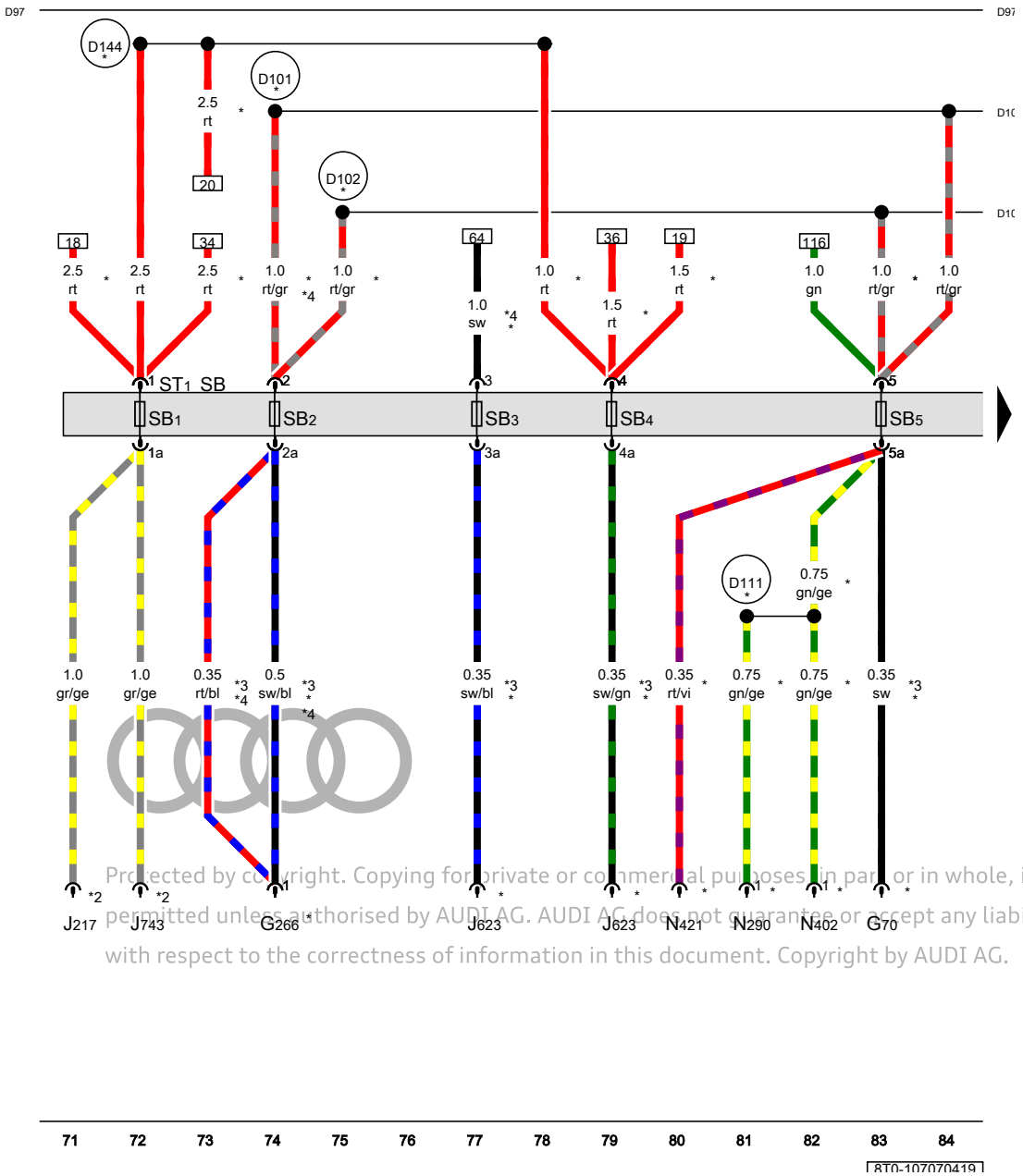


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Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine/motor control unit
J695	Starter motor relay 2
T5l	5-pin connector, in engine compartment
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram for engine
*2	Cross section depends on equipment
*3	Cross-section 1.5 possible

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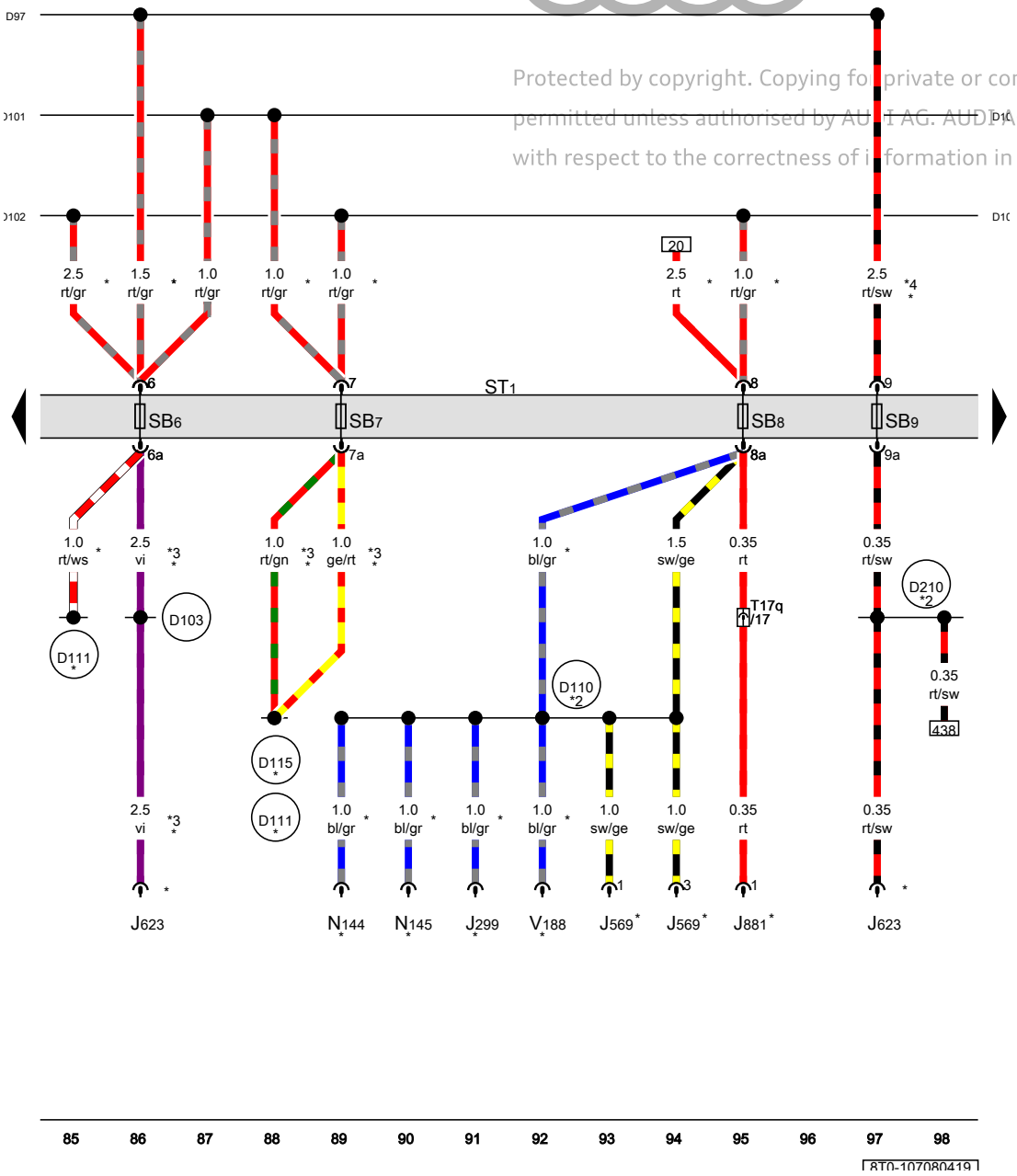
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Fuse holder B, Fuse carrier 1

G70	Air mass meter
G266	Oil level and oil temperature sender
J217	Automatic gearbox control unit
J623	Engine/motor control unit
J743	Mechatronic unit for dual clutch gearbox
N290	Fuel metering valve
N402	Fuel metering valve 2
N421	Magnetic clutch for supercharger
SB	Fuse holder B
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
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
D97	Connection (50), in engine compartment right wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D144	Positive connection 5 (30), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for gearbox
*3	Wiring colour depends on equipment
*4	Cross section depends on equipment

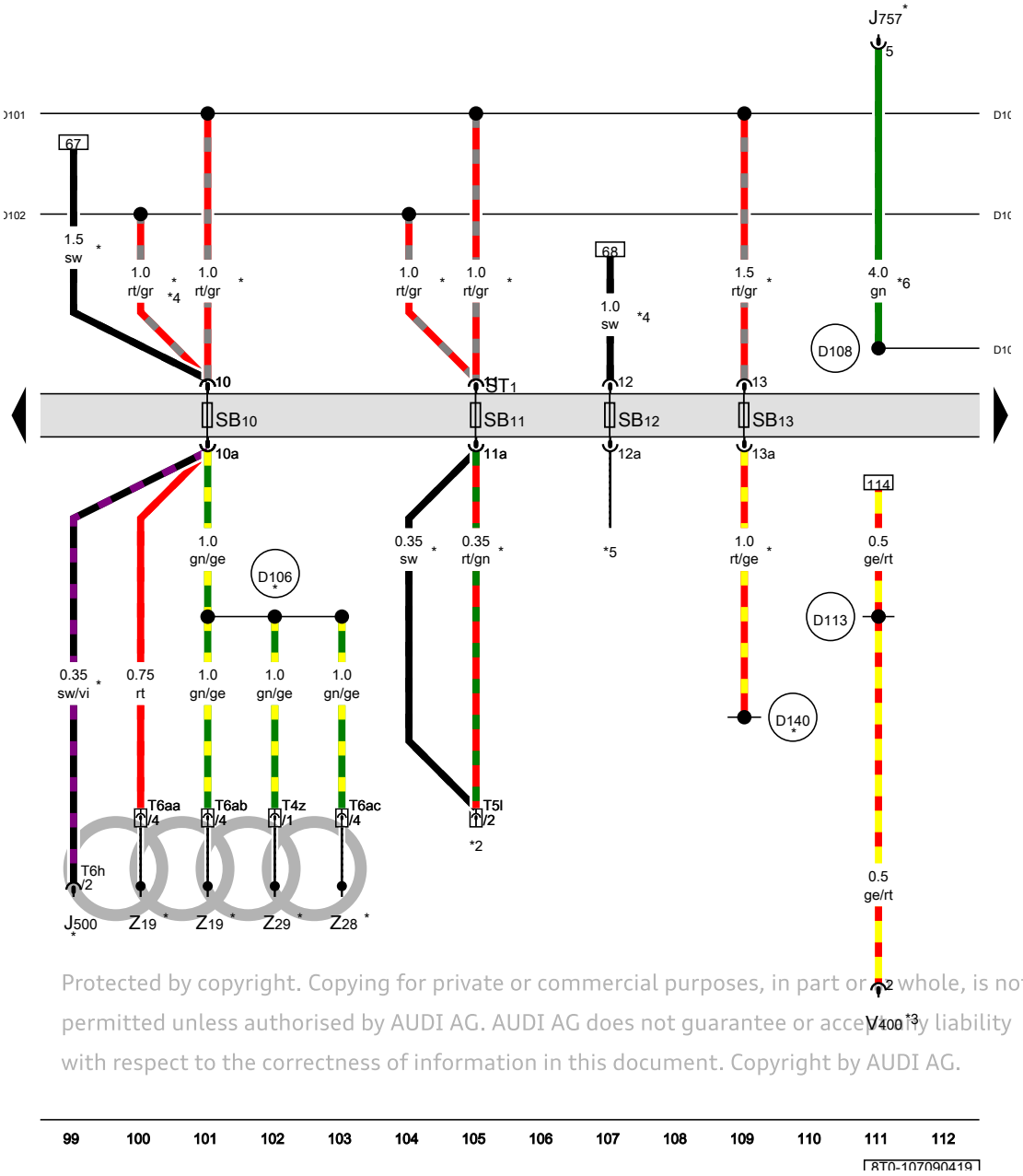
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Fuse carrier 1

J299	Secondary air pump relay
J569	Brake servo relay
J623	Engine/motor control unit
J881	Control unit for NOx sender 2
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
ST1	Fuse carrier 1
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
T17q	17-pin connector
V188	Charge air cooling pump
D97	Connection (50), in engine compartment right 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
D110	Connection 8 in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	For models with start/stop system
*3	Wiring colour depends on equipment
*4	Cross section depends on equipment

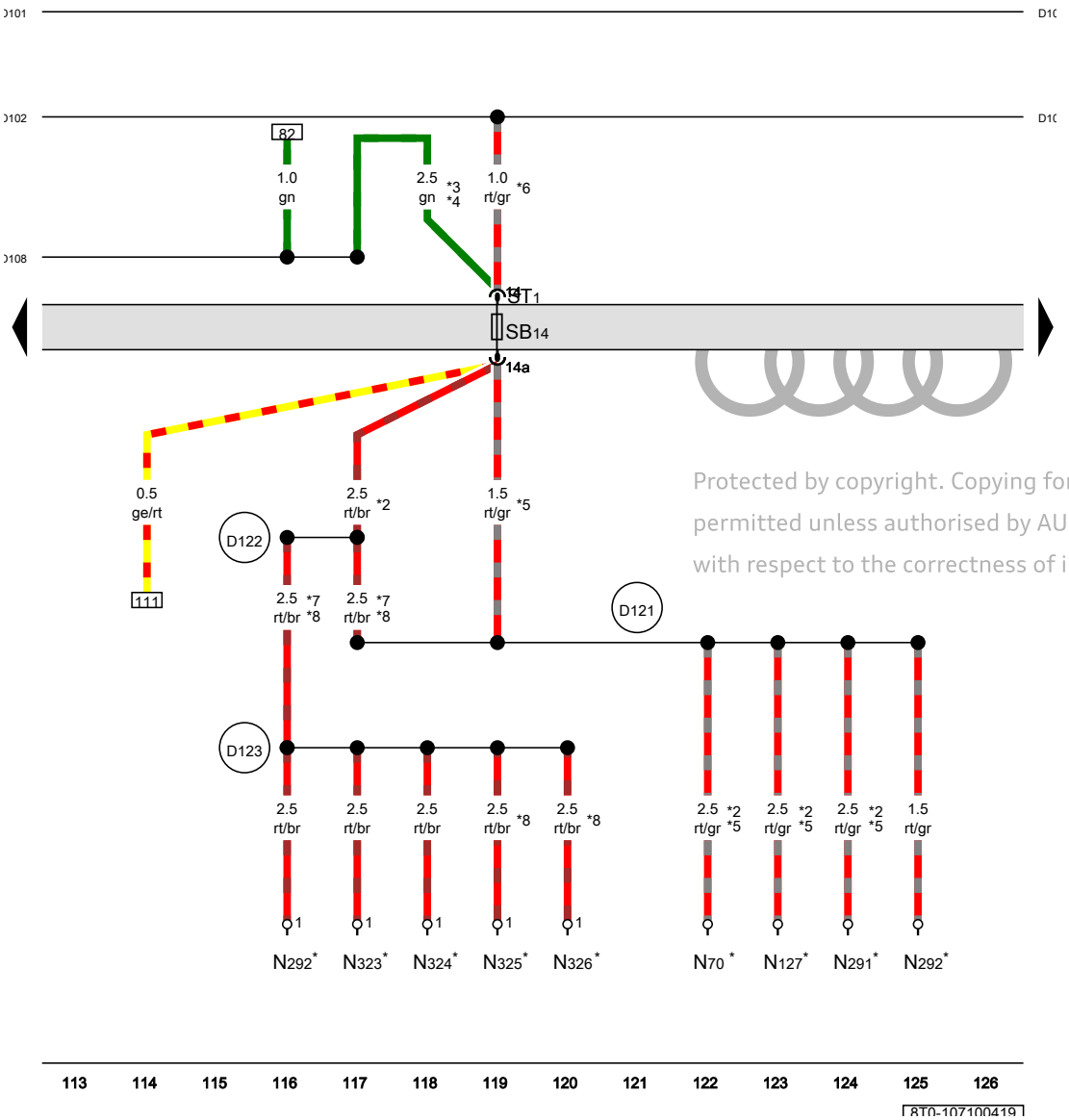


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Fuse carrier 1

J500	Power steering control unit
J757	Engine component current supply relay
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T4z	4-pin connector
T5l	5-pin connector
T6aa	6-pin connector
T6ab	6-pin connector
T6ac	6-pin connector
T6h	6-pin connector
V400	Pump for exhaust gas recirculation cooler
Z19	Lambda probe heater
Z28	Lambda probe heater 2
Z29	Lambda probe 1 heater after catalytic converter
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
D140	Connection (injectors), in engine prewiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for radiator fan
*3	For models with diesel engine
*4	Cross-section 1.5 possible
*5	see applicable current flow diagram for automatic gearbox
*6	For models with petrol engine

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

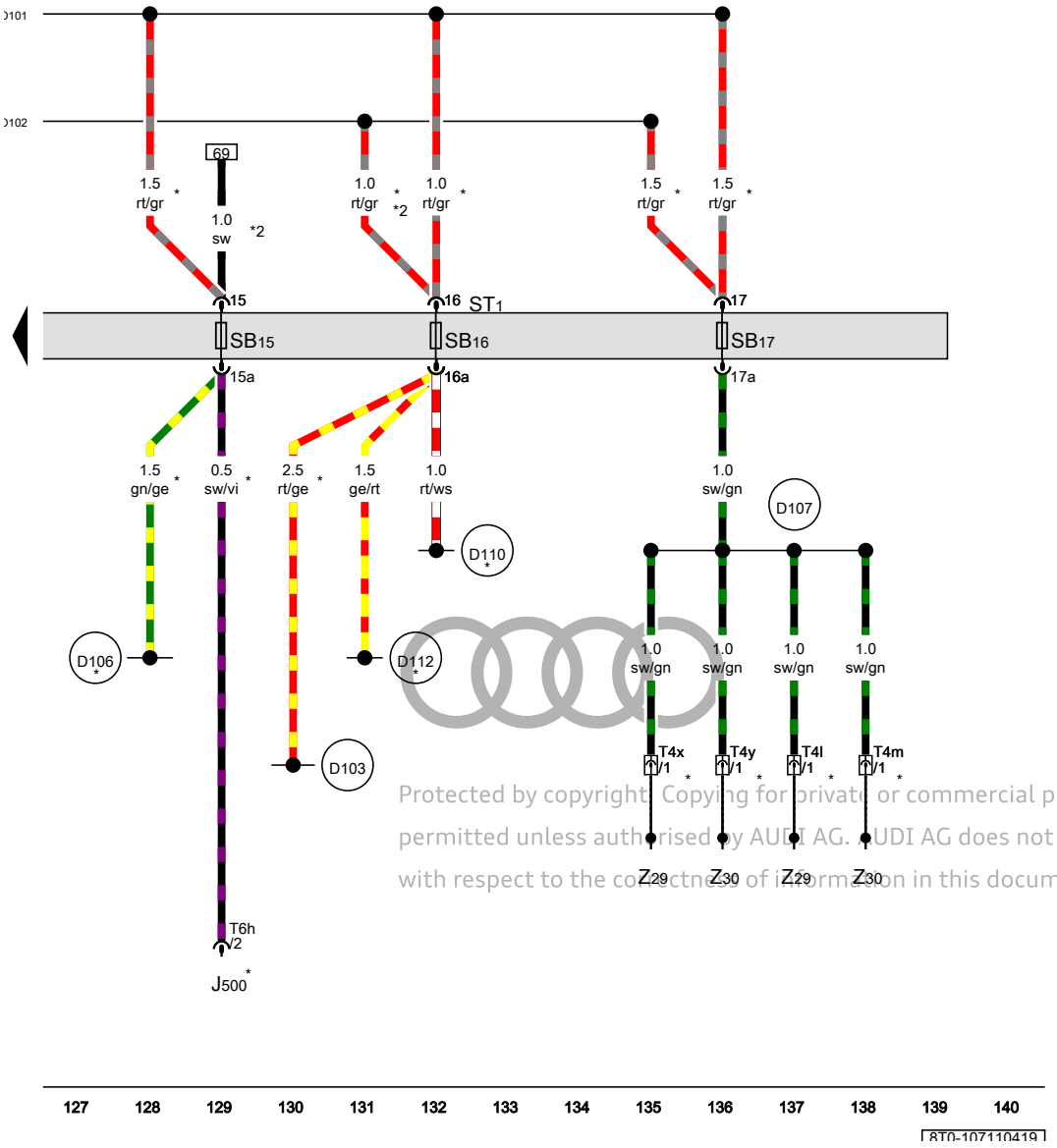


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Fuse carrier 1

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
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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Cross-section 1.5 possible
*3	For models with petrol engine
*4	Cross-section 4.0 possible
*5	Wiring colour depends on equipment
*6	For models with diesel engine
*7	For models with 6-cylinder engine
*8	For models with 8-cylinder engine

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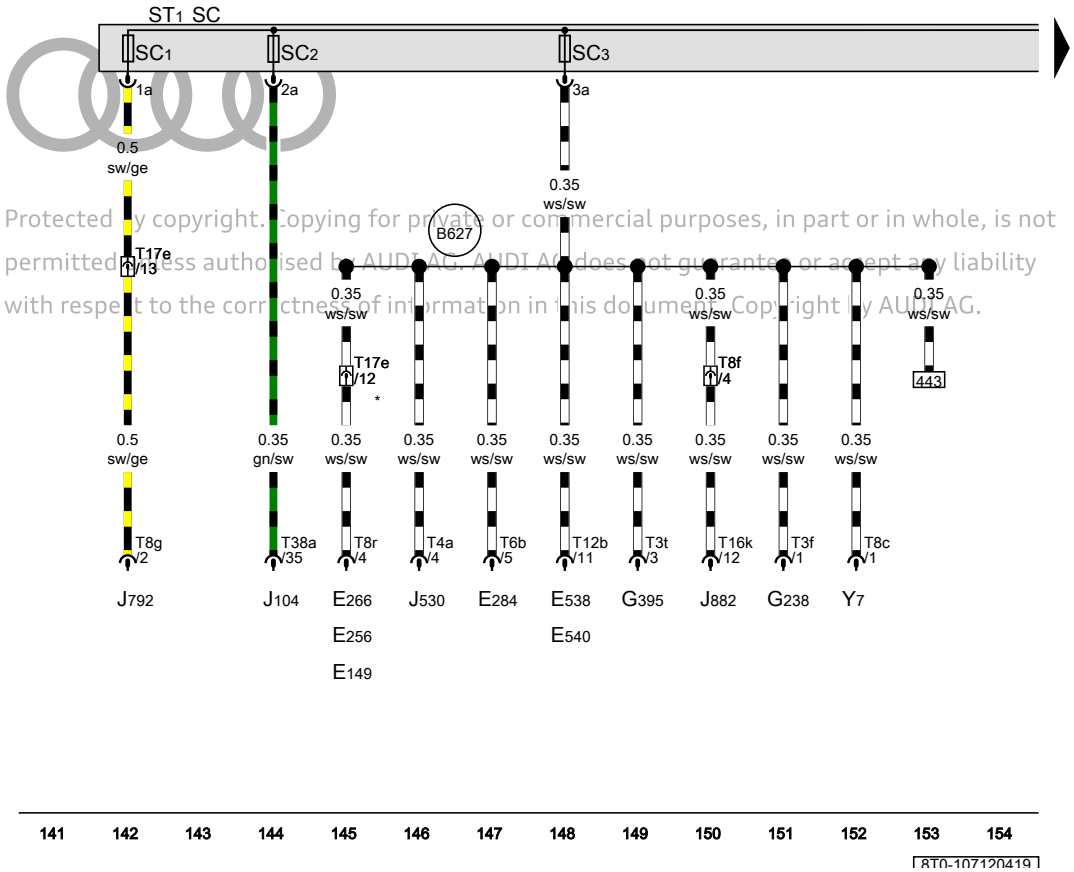


Fuse carrier 1

J500	Power steering control unit
ST1	Fuse carrier 1
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
T4l	4-pin connector
T4m	4-pin connector
T4x	4-pin connector, black
T4y	4-pin connector, brown
T6h	6-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Cross-section 1.5 possible

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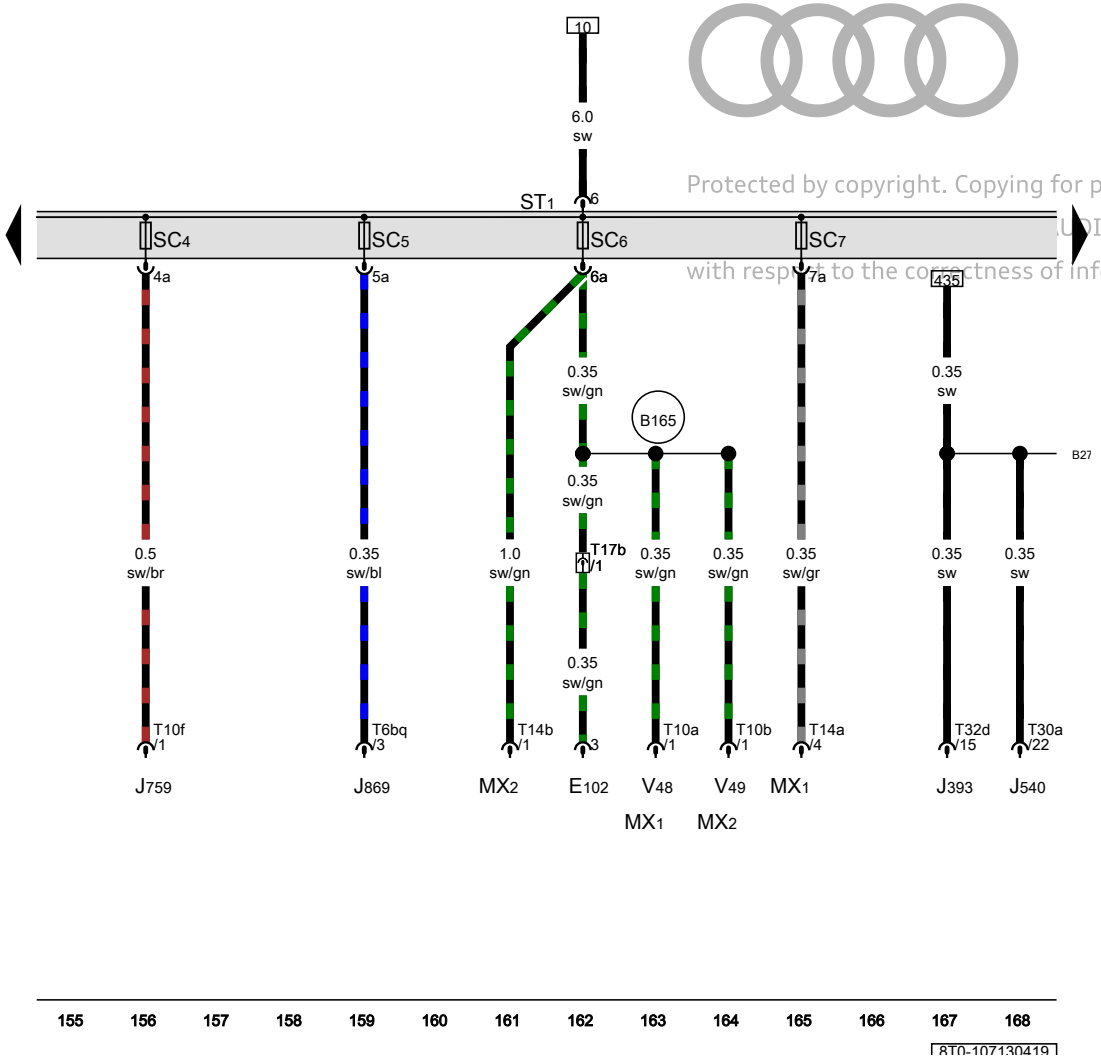


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Fuse holder C, Fuse carrier 1

E149	Rear roller blind switch
E256	Button for TCS and electronic stabilisation program
E266	Parking aid button
E284	Garage door operating unit
E538	Electromechanical parking brake button
E540	Auto-hold button
G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
J104	ABS control unit
J530	Garage door operation control unit
J792	Active steering control unit
J882	Seat heating control unit
SC	Fuse holder C
ST1	Fuse carrier 1
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
T3f	3-pin connector
T3t	3-pin connector
T4a	4-pin connector
T6b	6-pin connector
T8c	8-pin connector
T8f	8-pin connector, black
T8g	8-pin connector
T8r	8-pin connector
T12b	12-pin connector
T16k	16-pin connector
T17e	17-pin connector, in left A-pillar coupling station
T38a	38-pin connector
Y7	Automatic anti-dazzle interior mirror
B627	Positive connection 3 (15), in main wiring harness
*	For models with navigation system

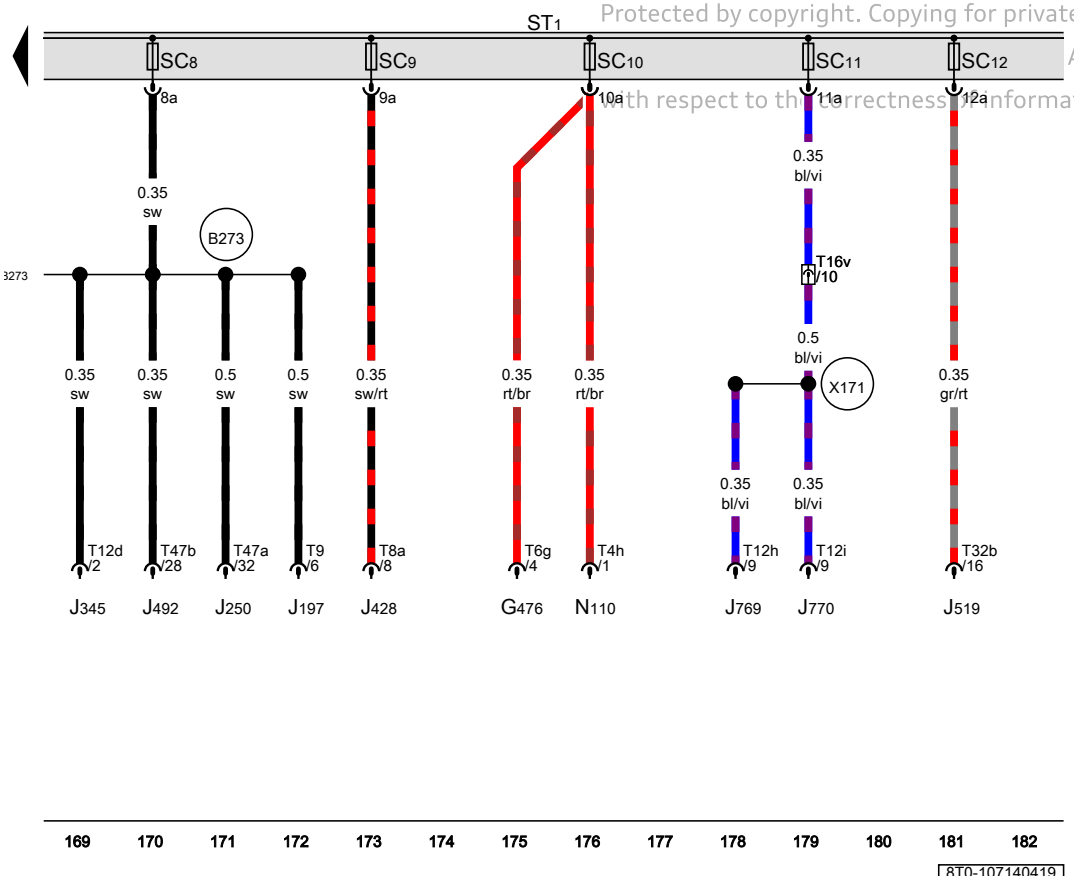


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Fuse carrier 1

E102	Headlight range control regulator
J393	Convenience system central control unit
J540	Control unit for electromechanical parking brake
J759	Lane departure warning control unit
J869	Control unit for structure-borne sound
MX1	Front left headlight
MX2	Front right headlight
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T6bq	6-pin connector
T10a	10-pin connector
T10b	10-pin connector
T10f	10-pin connector
T14a	14-pin connector
T14b	14-pin connector
T17b	17-pin connector, blue
T30a	30-pin connector
T32d	32-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness
B273	Positive connection (15), in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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Fuse carrier 1

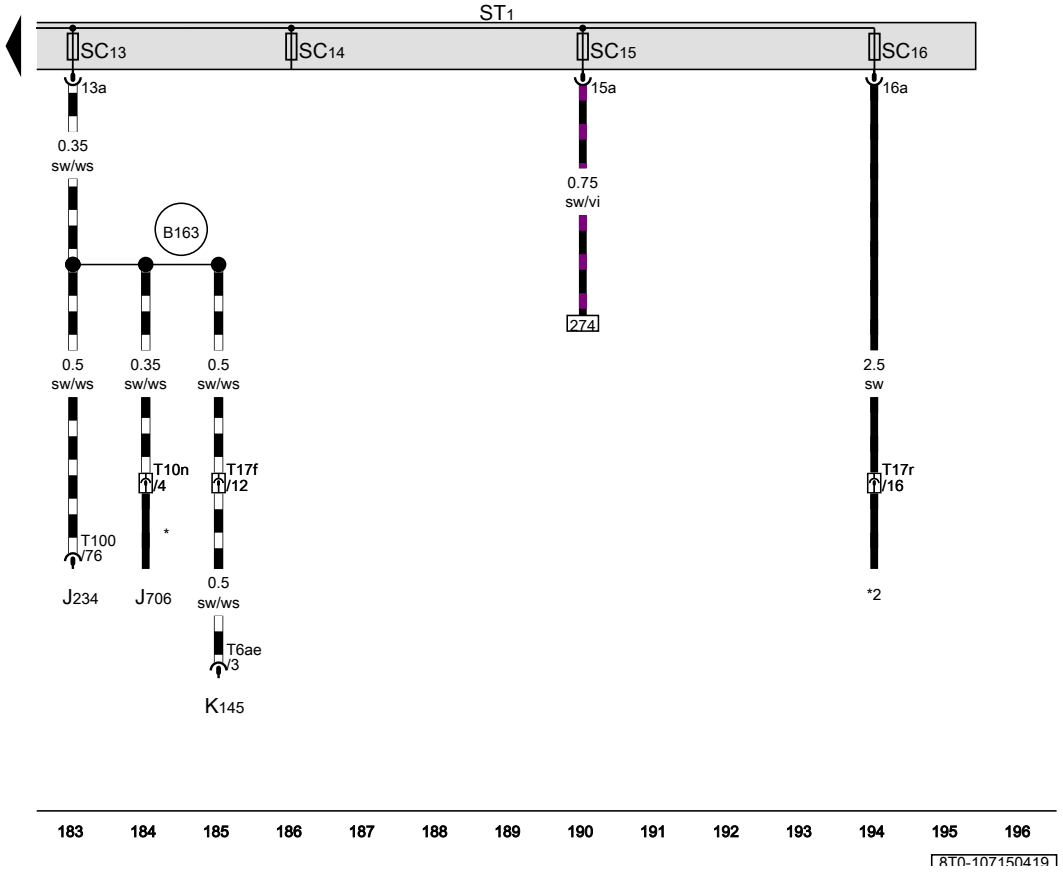
G476	Clutch position sender
J197	Adaptive suspension control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J428	Adaptive cruise control unit
J492	All-wheel drive control unit
J519	Onboard supply control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
N110	Selector lever lock solenoid
ST1	Fuse carrier 1
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
T4h	4-pin connector
T6g	6-pin connector
T8a	8-pin connector
T9	9-pin connector
T12d	12-pin connector
T12h	12-pin connector
T12i	12-pin connector
T16v	16-pin connector, brown
T32b	32-pin connector
T47a	47-pin connector
T47b	47-pin connector
B273	Positive connection (15), in main wiring harness
X171	Connection (15), rear bumper wiring harness

ws	=	white
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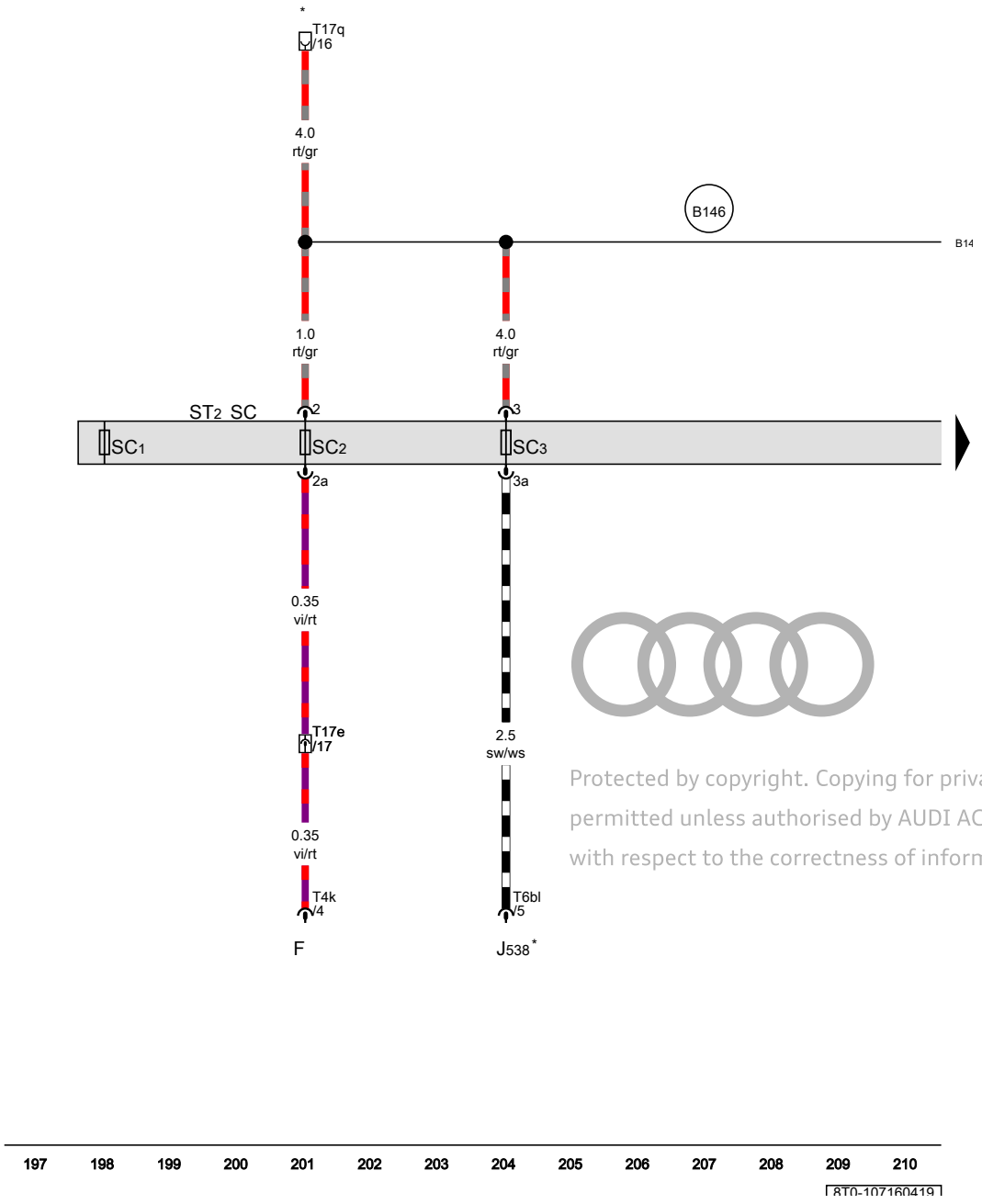
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Fuse carrier 1

J234	Airbag control unit
J706	Seat occupied recognition control unit
K145	Warning lamp for airbag deactivated on front passenger side
ST1	Fuse carrier 1
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6ae	6-pin connector
T10n	10-pin connector, black
T17f	17-pin connector, in right A-pillar coupling station
T17r	17-pin connector, in E-box
T100	100-pin connector
B163	Positive connection 1 (15), in interior wiring harness
*	see applicable current flow diagram for seat adjustment
*2	see applicable current flow diagram for engine



ws	=	white
sw	=	black
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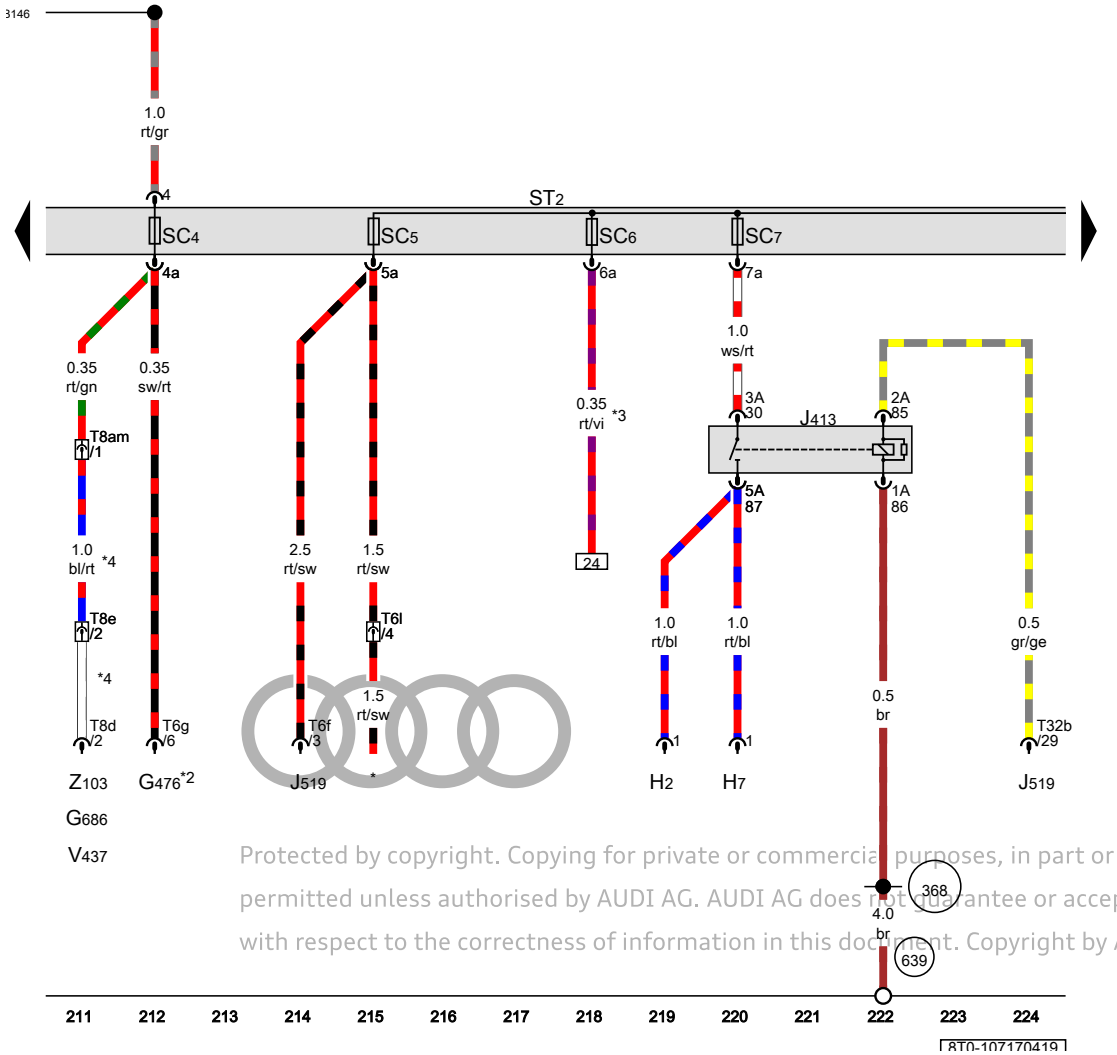


Fuse holder C, Fuse carrier 2

F	Brake light switch
J538	Fuel pump control unit
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4k	4-pin connector
T6bl	6-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, in E-box
B146	Positive connection 1 (87), in interior wiring harness
*	see applicable current flow diagram for engine

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or	=	orange
rs	=	pink



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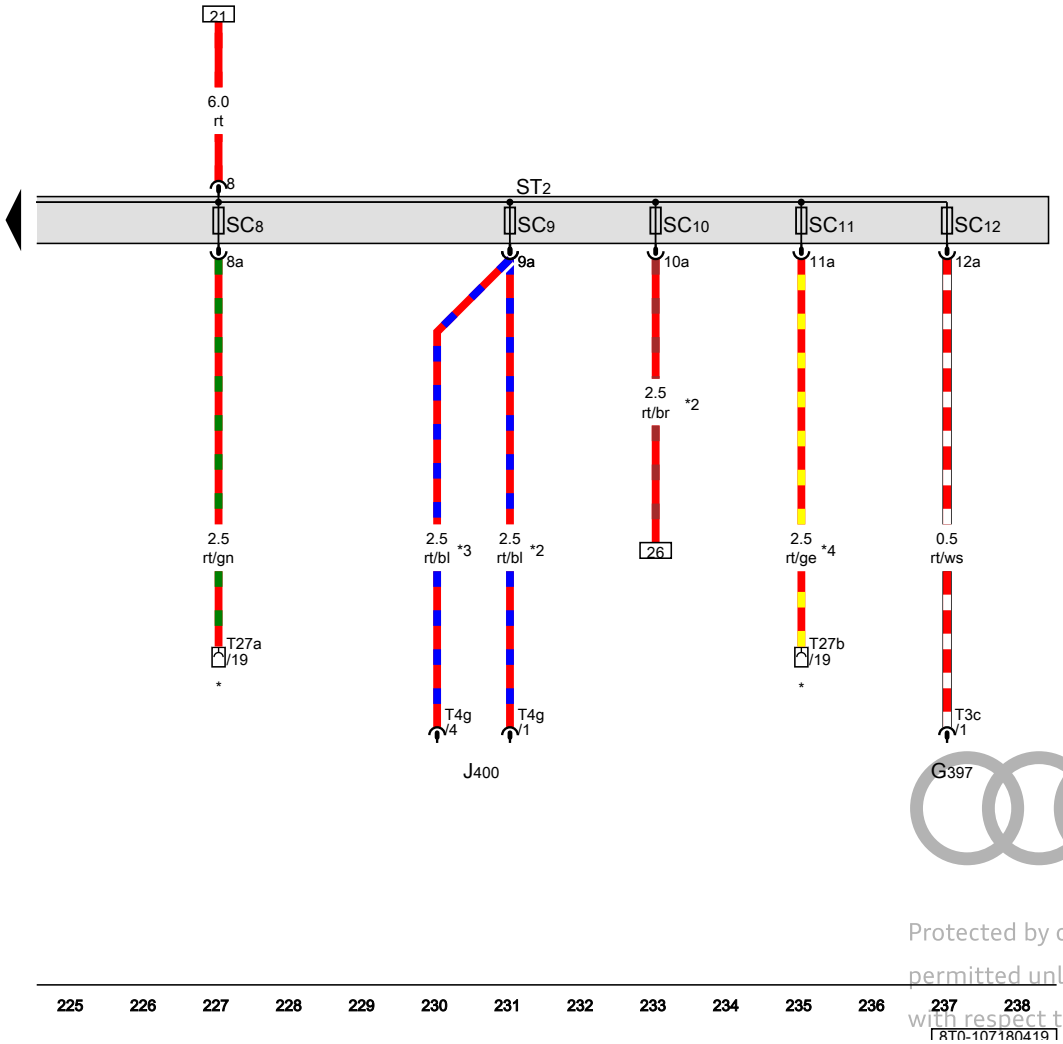
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Horn relay, Fuse carrier 2

G476	Clutch position sender
G686	Pressure sender for reducing agent metering system
H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T6f	6-pin connector
T6g	6-pin connector
T6l	6-pin connector, green
T8am	8-pin connector, black
T8d	8-pin connector
T8e	8-pin connector
T32b	32-pin connector
V437	Pump for reducing agent
Z103	Heater for reducing agent pump (heater circuit 2)
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
B146	Positive connection 1 (87), in interior wiring harness
*	see applicable current flow diagram for seat heating
*2	For models with manual gearbox
*3	For left-hand drive models
*4	see applicable current flow diagram for engine

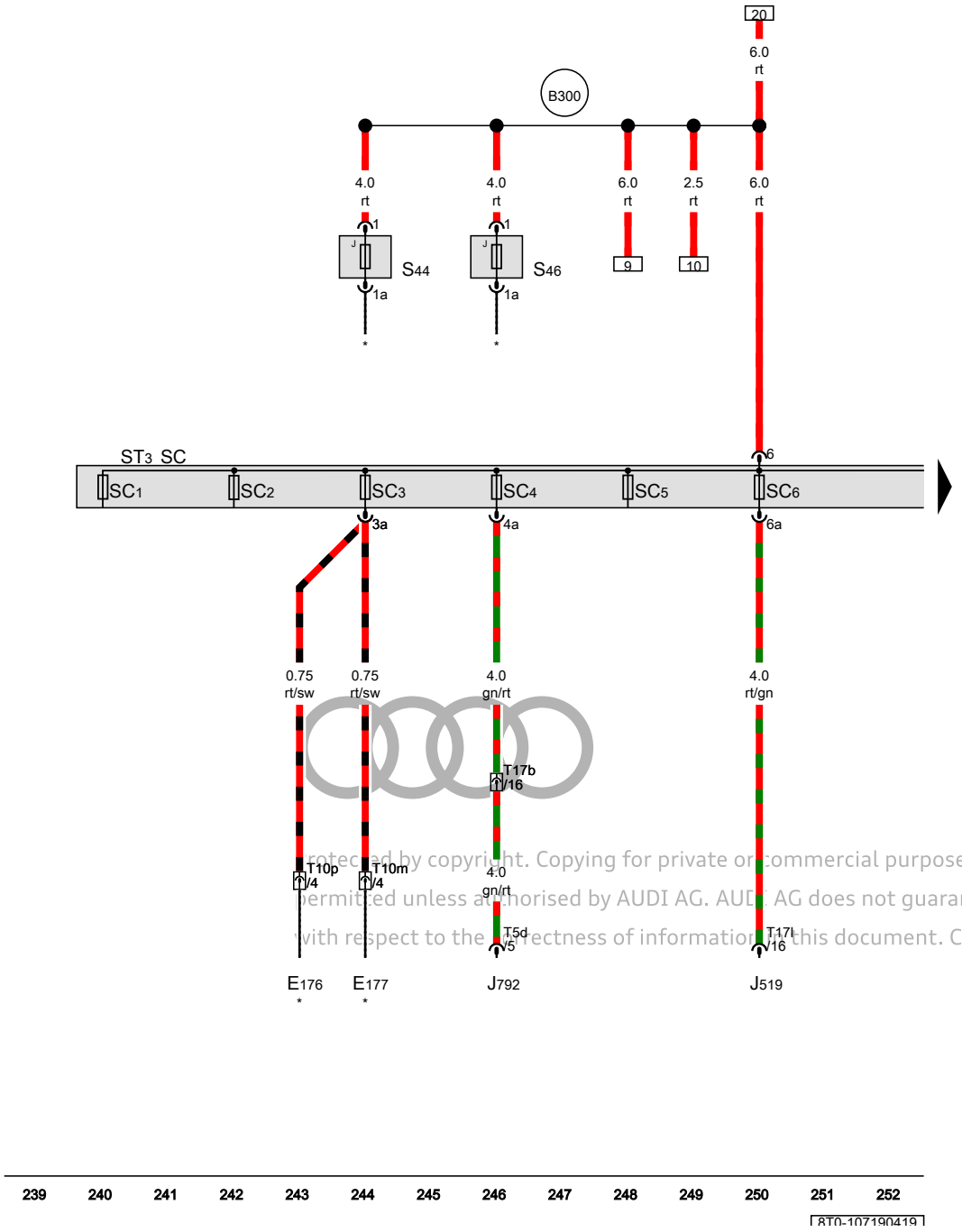
Fuse carrier 2

G397	Rain and light sensor
J400	Wiper motor control unit
ST2	Fuse carrier 2
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
T3c	3-pin connector
T4g	4-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
*	see applicable current flow diagram for convenience system
*2	For left-hand drive models
*3	For right-hand drive models
*4	For models with 5 doors



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

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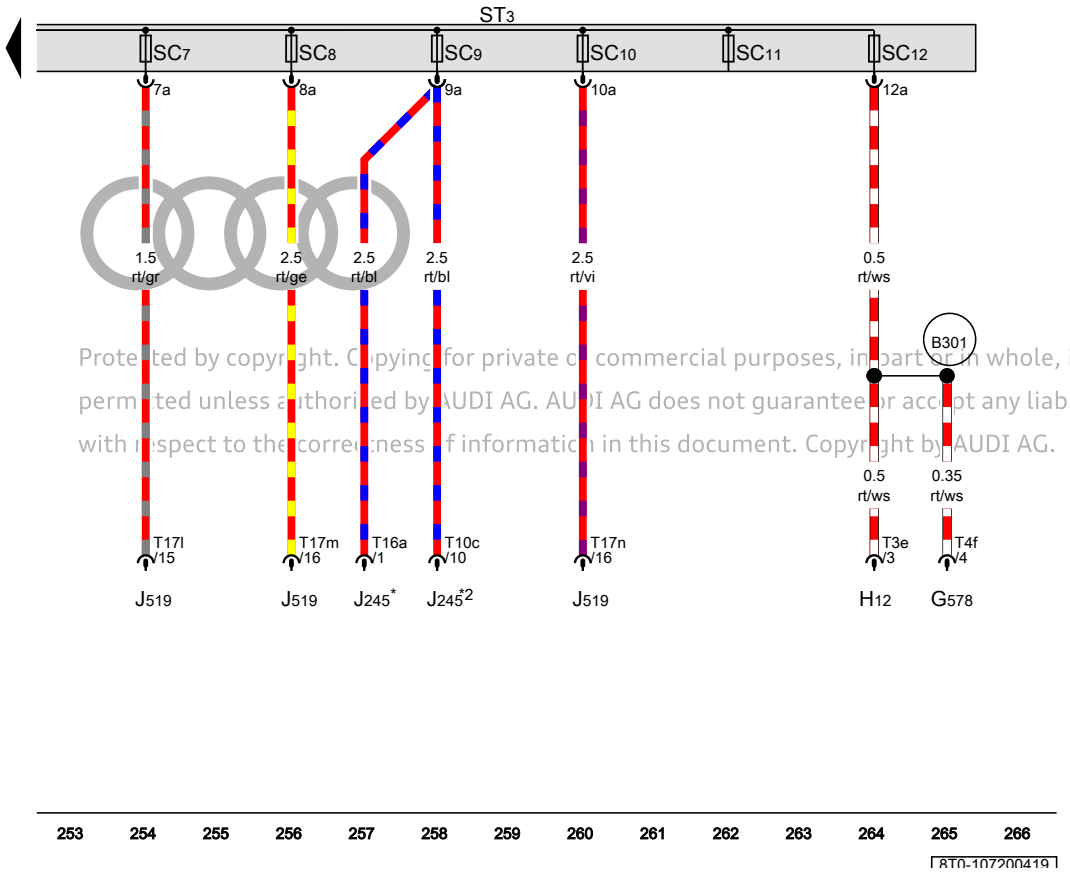


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Fuse carrier 3, Driver seat adjustment thermal fuse 1, Front passenger seat adjustment thermal fuse 1, Fuse holder C

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J519	Onboard supply control unit
J792	Active steering control unit
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC3	Fuse 3 on fuse holder C
ST3	Fuse carrier 3
SC4	Fuse 4 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
SC	Fuse holder C
T5d	5-pin connector
T10m	10-pin connector, in coupling point for front seat, right
T10p	10-pin connector, in coupling point for front seat, left
T17b	17-pin connector, in left A-pillar coupling station
T17l	17-pin connector
B300	Positive connection 4 (30), in main wiring harness
*	see applicable current flow diagram for seat adjustment

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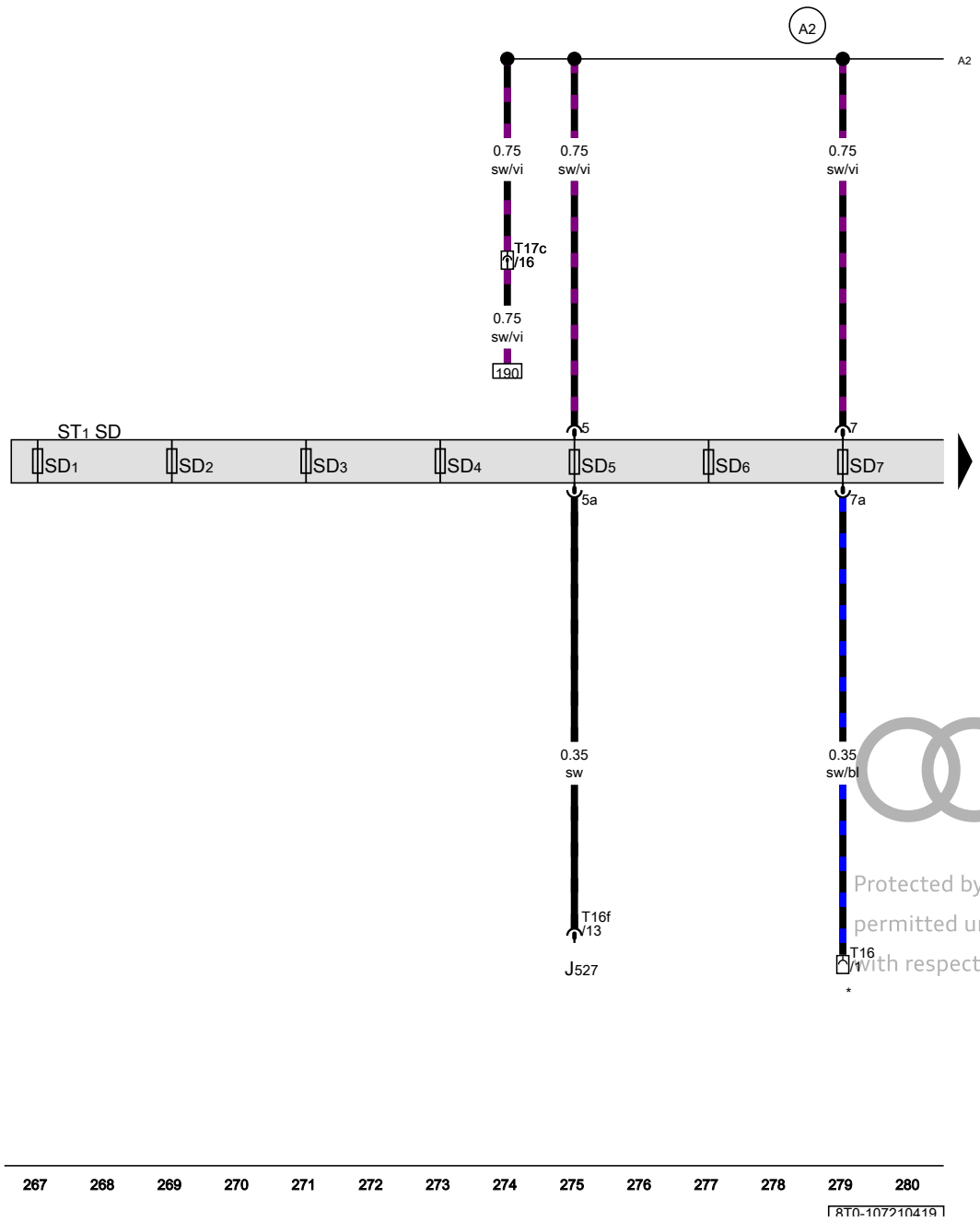


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Fuse carrier 3

G578	Anti-theft alarm sensor
H12	Alarm horn
J245	Sliding sunroof adjustment control unit
J519	Onboard supply control unit
ST3	Fuse carrier 3
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
T3e	3-pin connector
T4f	4-pin connector
T10c	10-pin connector
T16a	16-pin connector
T17l	17-pin connector
T17m	17-pin connector
T17n	17-pin connector
B301	Positive connection 5 (30), in main wiring harness
*	For models with 2 doors
*2	For models with 5 doors

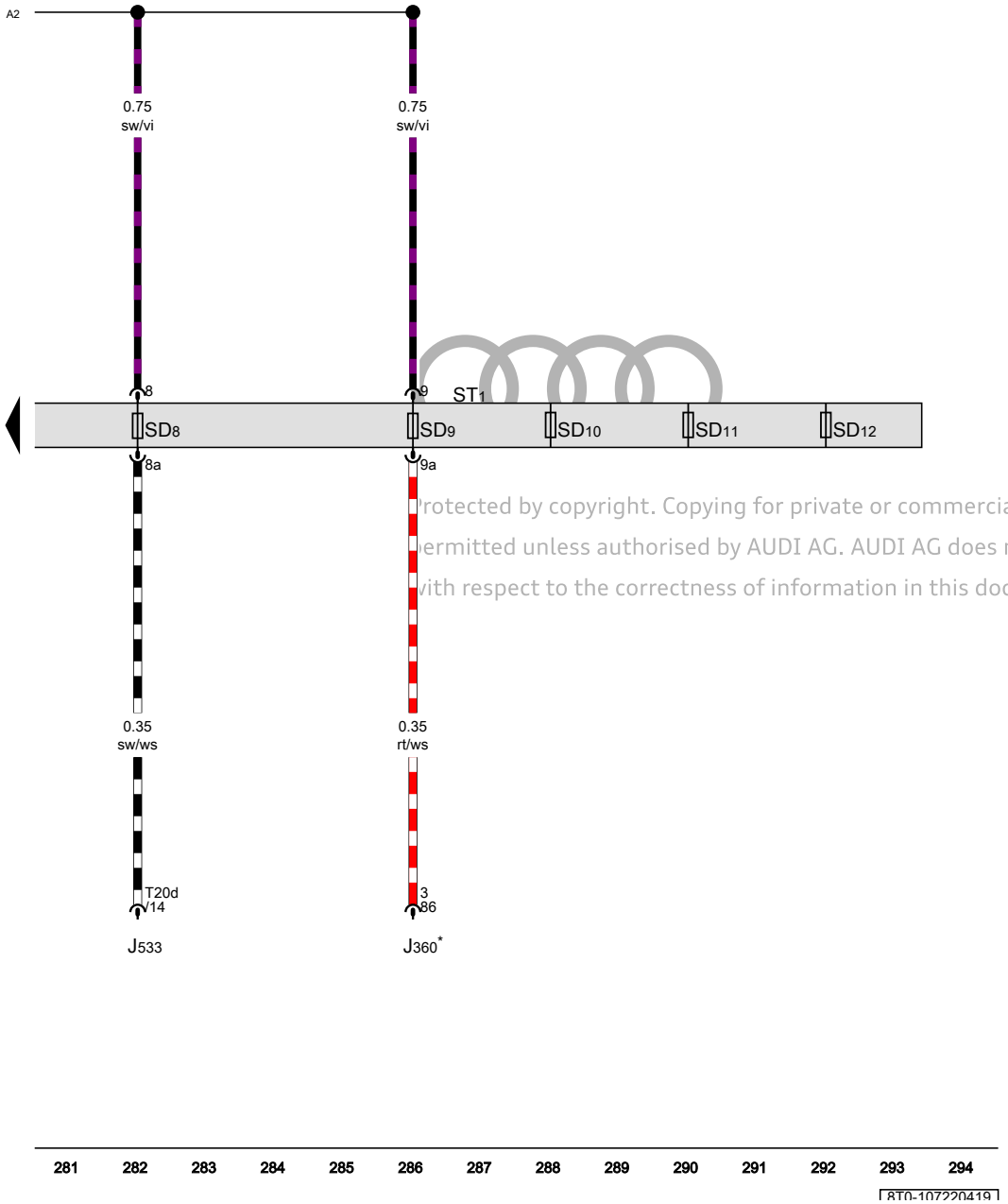


Fuse holder D, Fuse carrier 1

J527	Steering column electronics control unit
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
ST1	Fuse carrier 1
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
SD7	Fuse 7 on fuse holder D
T16	16-pin connector
T16f	16-pin connector
T17c	17-pin connector, in left A-pillar coupling station
A2	Positive connection (15), in dash panel wiring harness
*	Diagnostic connection

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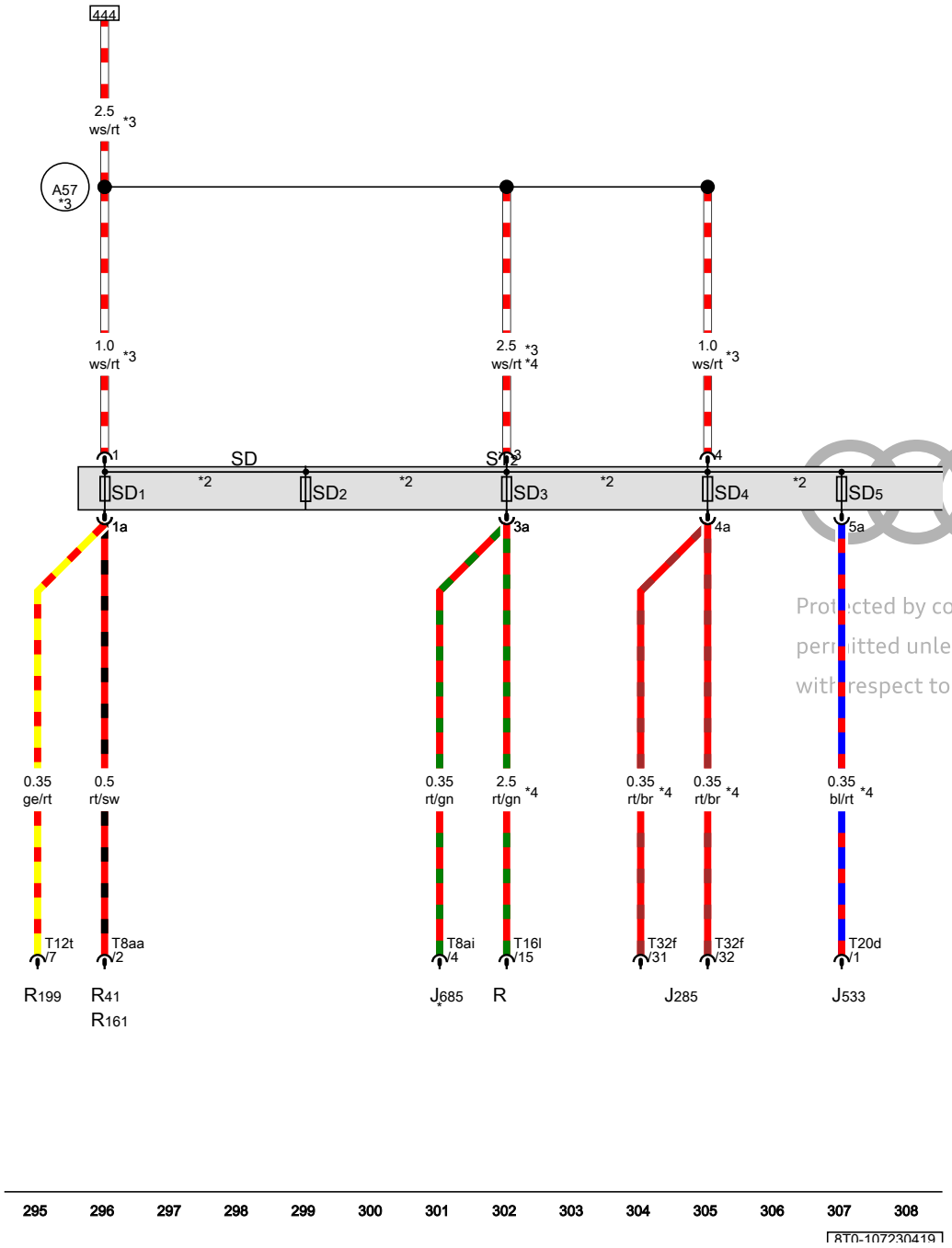


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Fuse carrier 1

J360	High heat output relay
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
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
T20d	20-pin connector
A2	Positive connection (15), in dash panel wiring harness
*	For models with petrol engine

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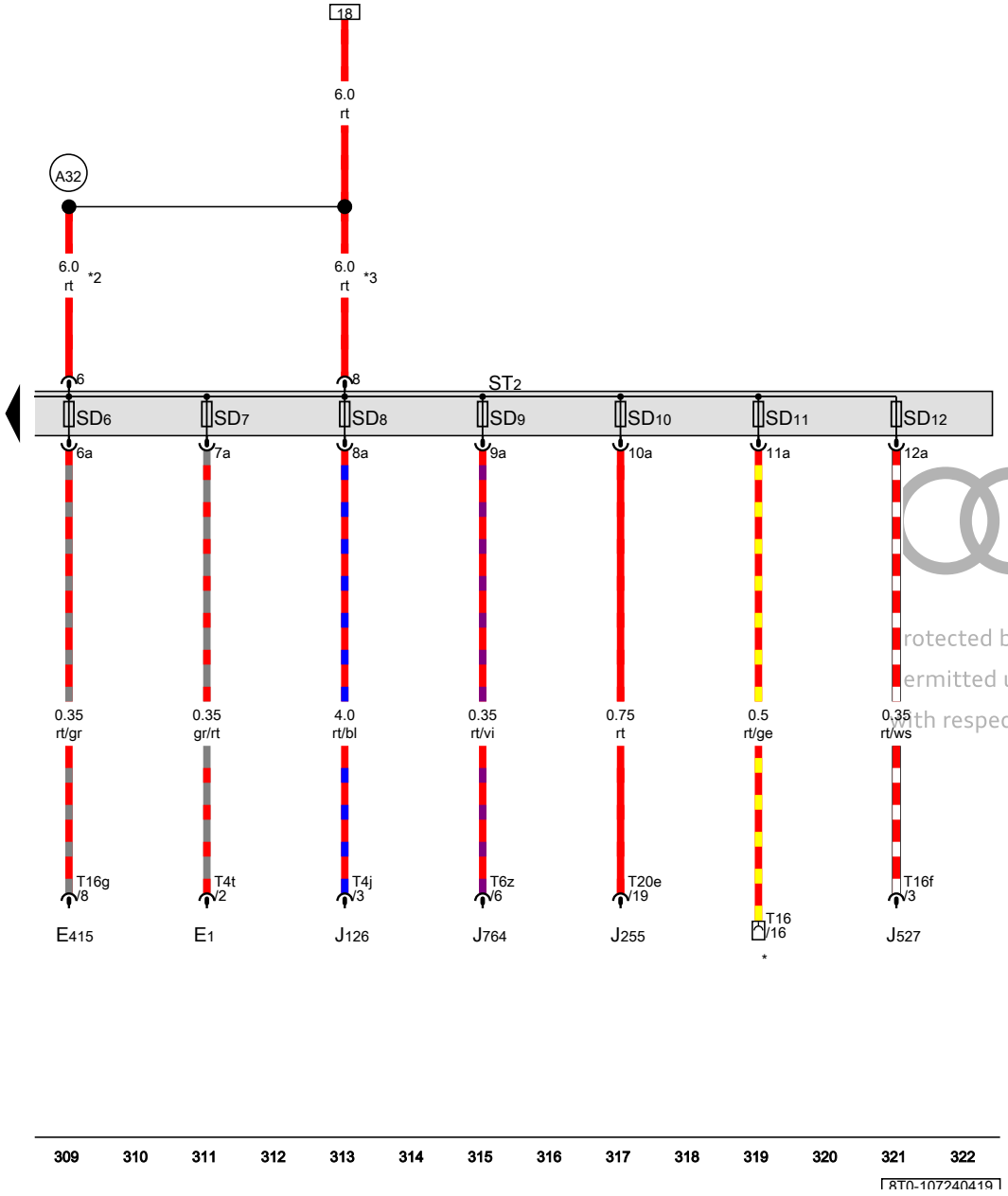


Fuse holder D, Fuse carrier 2

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
R	Radio, black
R41	CD changer
R161	DVD changer
R199	Connection for external audio sources
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
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
T8aa	8-pin connector
T8ai	8-pin connector
T12t	12-pin connector
T16l	16-pin connector
T20d	20-pin connector
T32f	32-pin connector
A57	Positive connection 3 (30), in dash panel wiring harness
*	see applicable current flow diagram for MMI (information electronics)
*2	For models with no start/stop system
*3	For models with start/stop system
*4	Cross section depends on equipment

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Fuse carrier 2

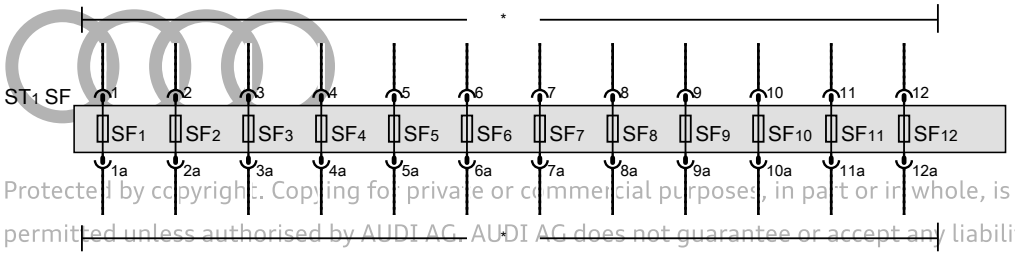
E1	Light switch
E415	Entry and start authorisation switch
J126	Fresh air blower control unit
J255	Climatronic control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SD6	Fuse 6 on fuse holder D
SD7	Fuse 7 on fuse holder D
SD8	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
T4j	4-pin connector
T4t	4-pin connector
T6z	6-pin connector
T16	16-pin connector
T16f	16-pin connector
T16g	16-pin connector
T20e	20-pin connector
A32	Positive connection (30), in dash panel wiring harness
*	Diagnostic connection
*2	For models with no start/stop system
*3	For models with start/stop system

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ge	=	yellow
or	=	orange
rs	=	pink

Fuse holder F, Fuse carrier 1

SF	Fuse holder F
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
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
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
*	see applicable current flow diagram for special purpose vehicles

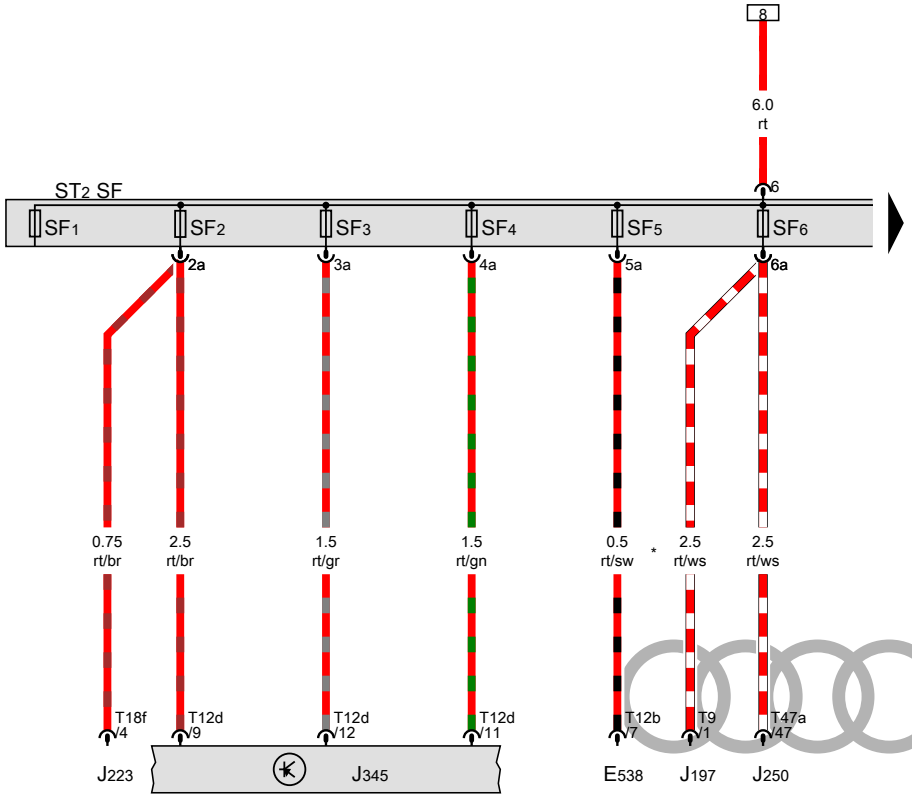


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or	=	orange
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Fuse holder F, Fuse carrier 2

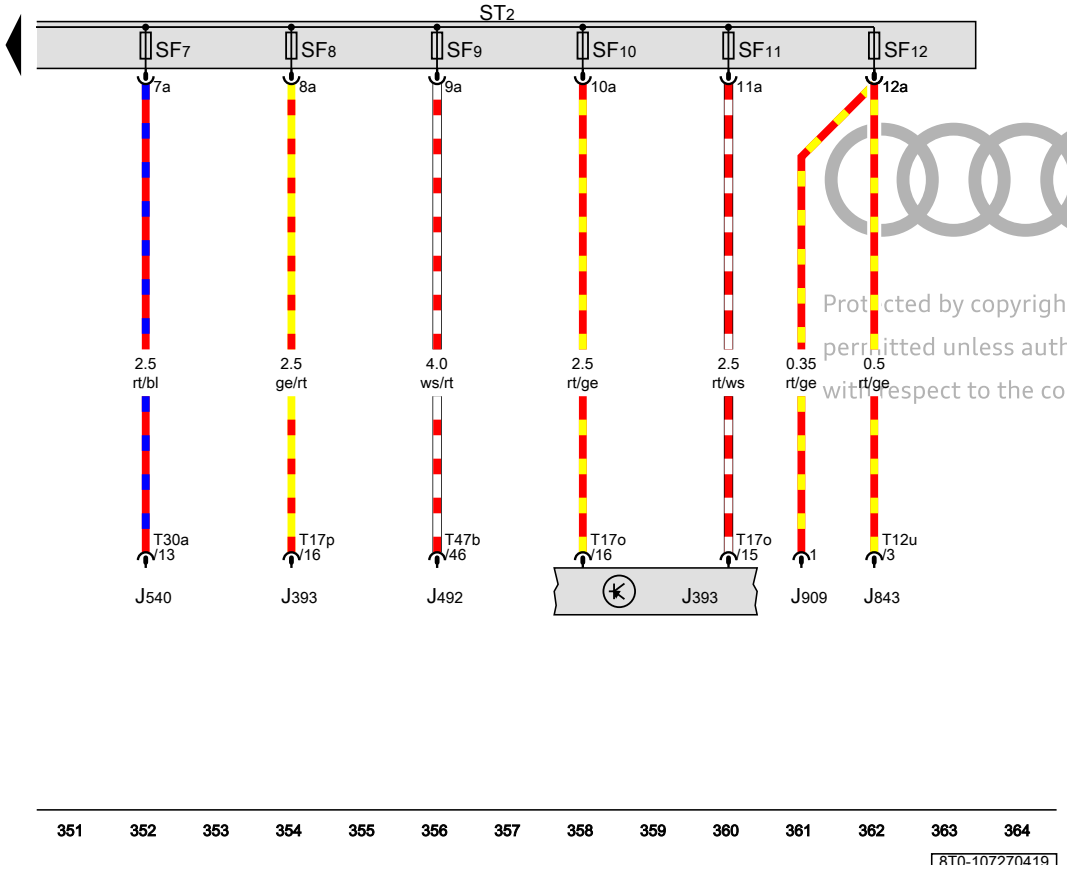
E538	Electromechanical parking brake button
J197	Adaptive suspension control unit
J223	Adjustable rear spoiler control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST2	Fuse carrier 2
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
T9	9-pin connector
T12b	12-pin connector
T12d	12-pin connector
T18f	18-pin connector
T47a	47-pin connector
*	Cross section depends on equipment

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Fuse carrier 2

J393	Convenience system central control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
J843	Interface control unit for vehicle location system
J909	Control unit for fuel tank leak detection
ST2	Fuse carrier 2
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
T12u	12-pin connector
T17o	17-pin connector
T17p	17-pin connector
T30a	30-pin connector
T47b	47-pin connector



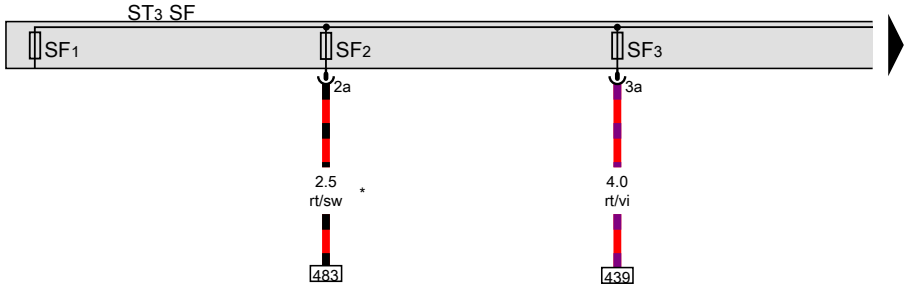
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rs	=	pink

Fuse holder F, Fuse carrier 3

SF	Fuse holder F
SF1	Fuse 1 in fuse holder F
SF2	Fuse 2 in fuse holder F
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
*	Cross section depends on equipment

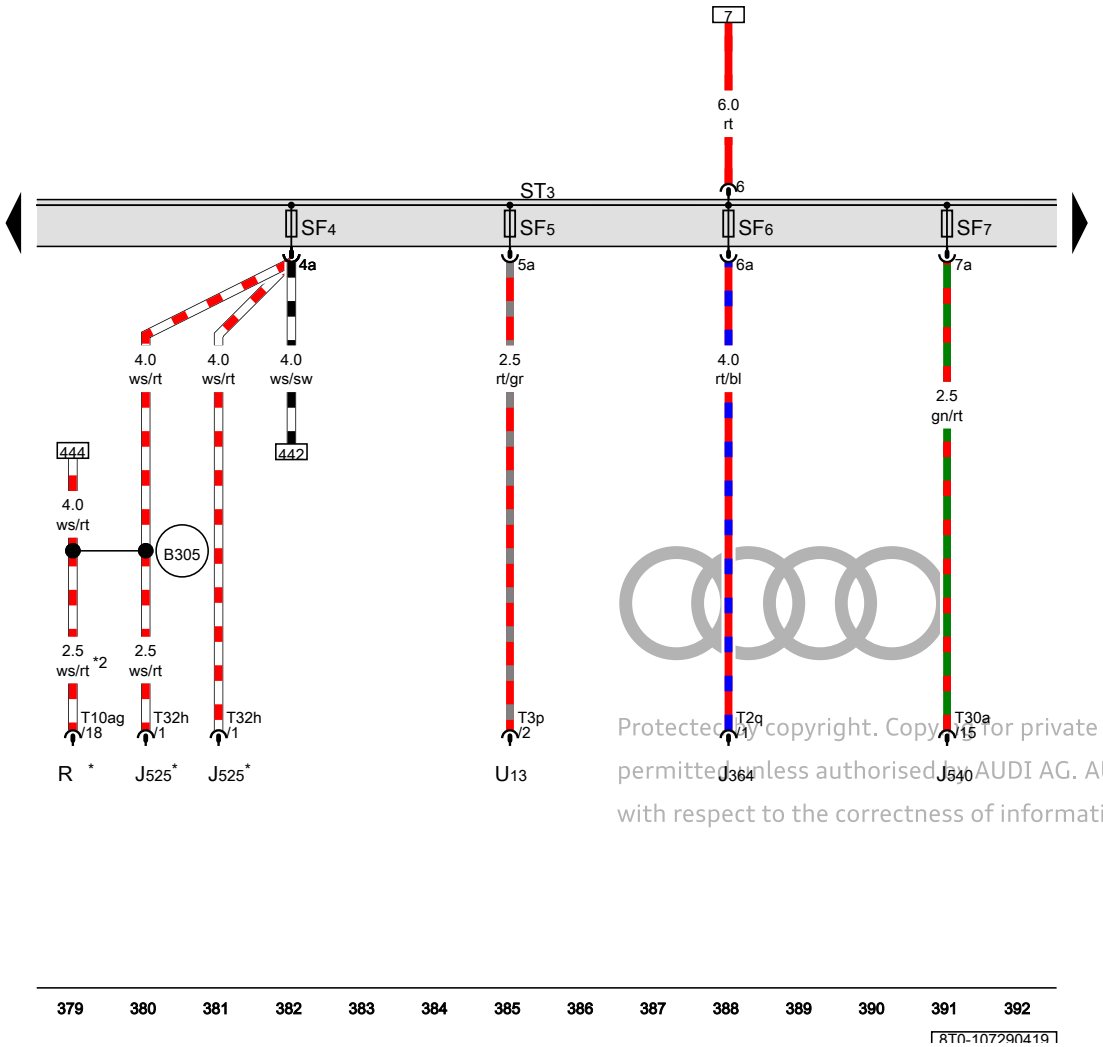
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or	=	orange
rs	=	pink

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Fuse carrier 3

J364	Auxiliary heater control unit
J525	Digital sound package control unit
J540	Control unit for electromechanical parking brake
R	Radio
ST3	Fuse carrier 3
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
T2q	2-pin connector
T3p	3-pin connector
T10ag	10-pin connector
T30a	30-pin connector
T32h	32-pin connector
U13	DC/AC converter with socket, 12 V - 230 V, in centre console
B305	Positive connection 9 (30), in main wiring harness
*	According to equipment
*2	Cross-section 4.0 possible

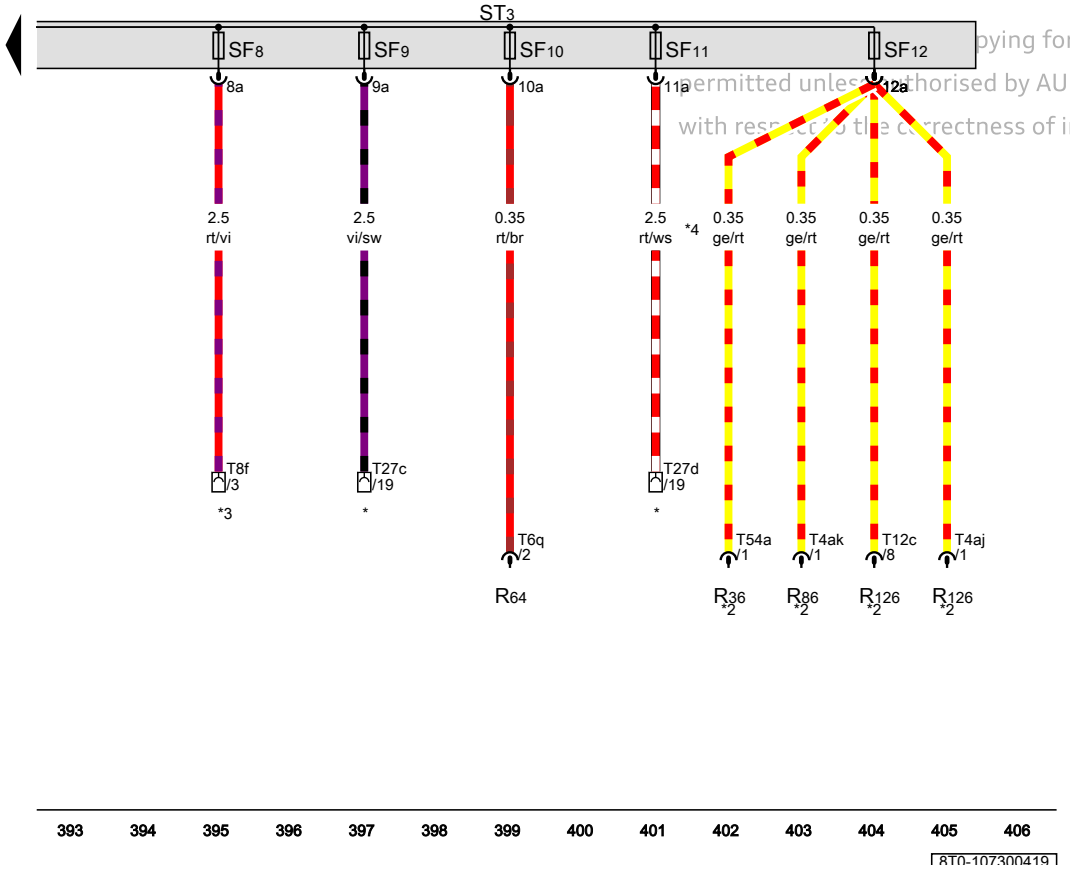
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Fuse carrier 3

R36	Telephone transmitter and receiver unit
R64	Remote control receiver for auxiliary heater
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
ST3	Fuse carrier 3
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
T4aj	4-pin connector
T4ak	4-pin connector
T6q	6-pin connector
T8f	8-pin connector, black
T12c	12-pin connector
T27c	27-pin connector, lower part of B-pillar, front passenger side
T27d	27-pin connector
T54a	54-pin connector
*	see applicable current flow diagram for convenience system
*2	According to equipment
*3	see applicable current flow diagram for seat heating
*4	For models with 5 doors

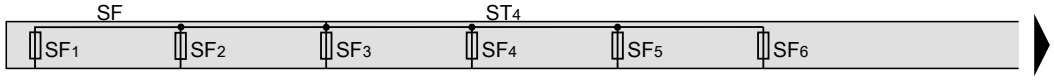
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Fuse holder F, Fuse carrier 4

SF	Fuse holder F
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
SF4	Fuse 4 in fuse holder F
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F



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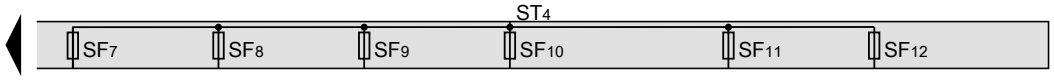
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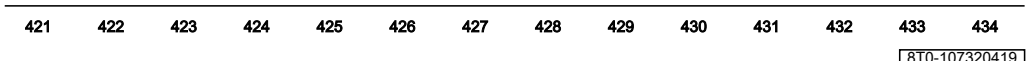
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Fuse carrier 4

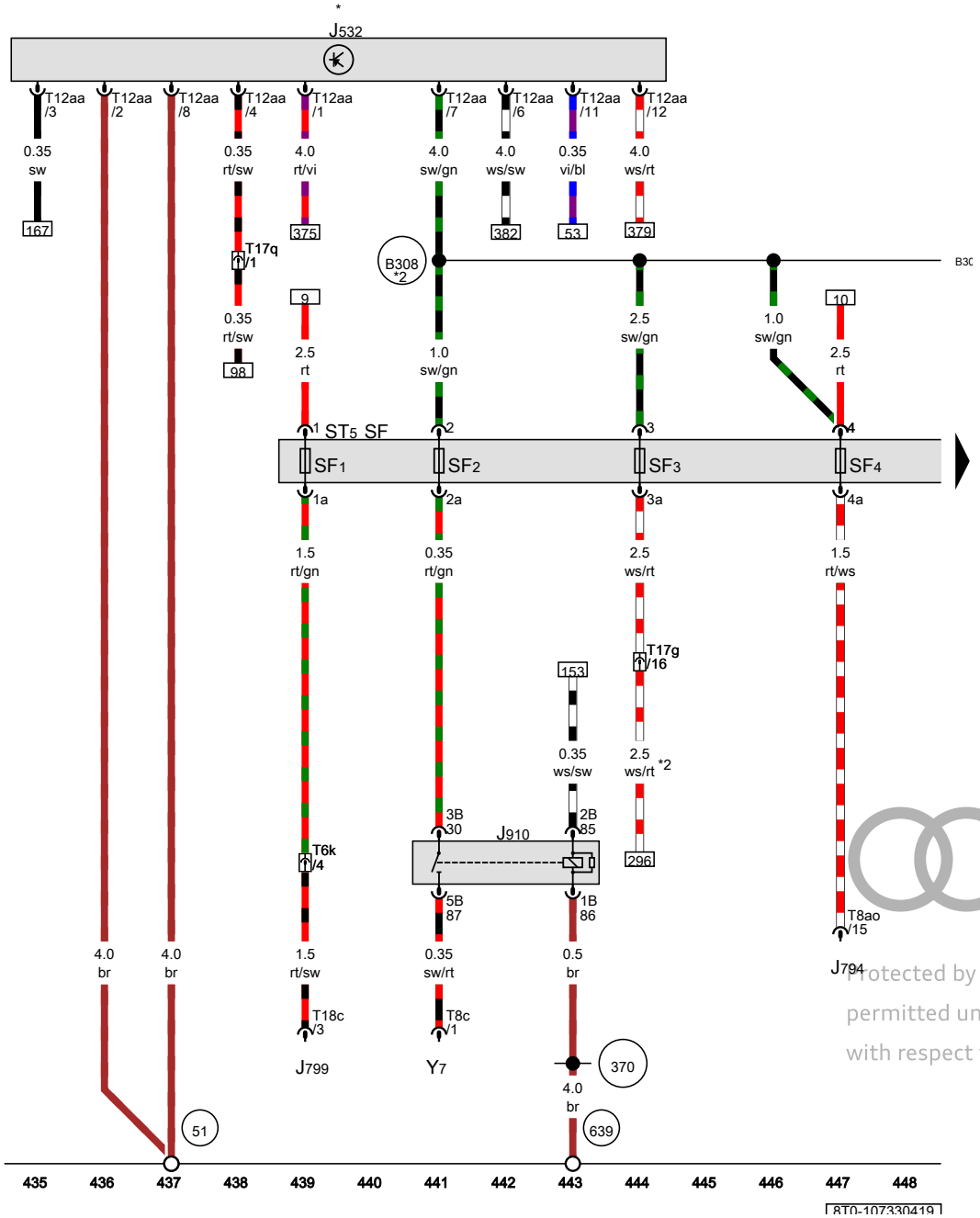
ST4	Fuse carrier 4
SF7	Fuse 7 in fuse holder F
SF8	Fuse 8 in fuse holder F
SF9	Fuse 9 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F



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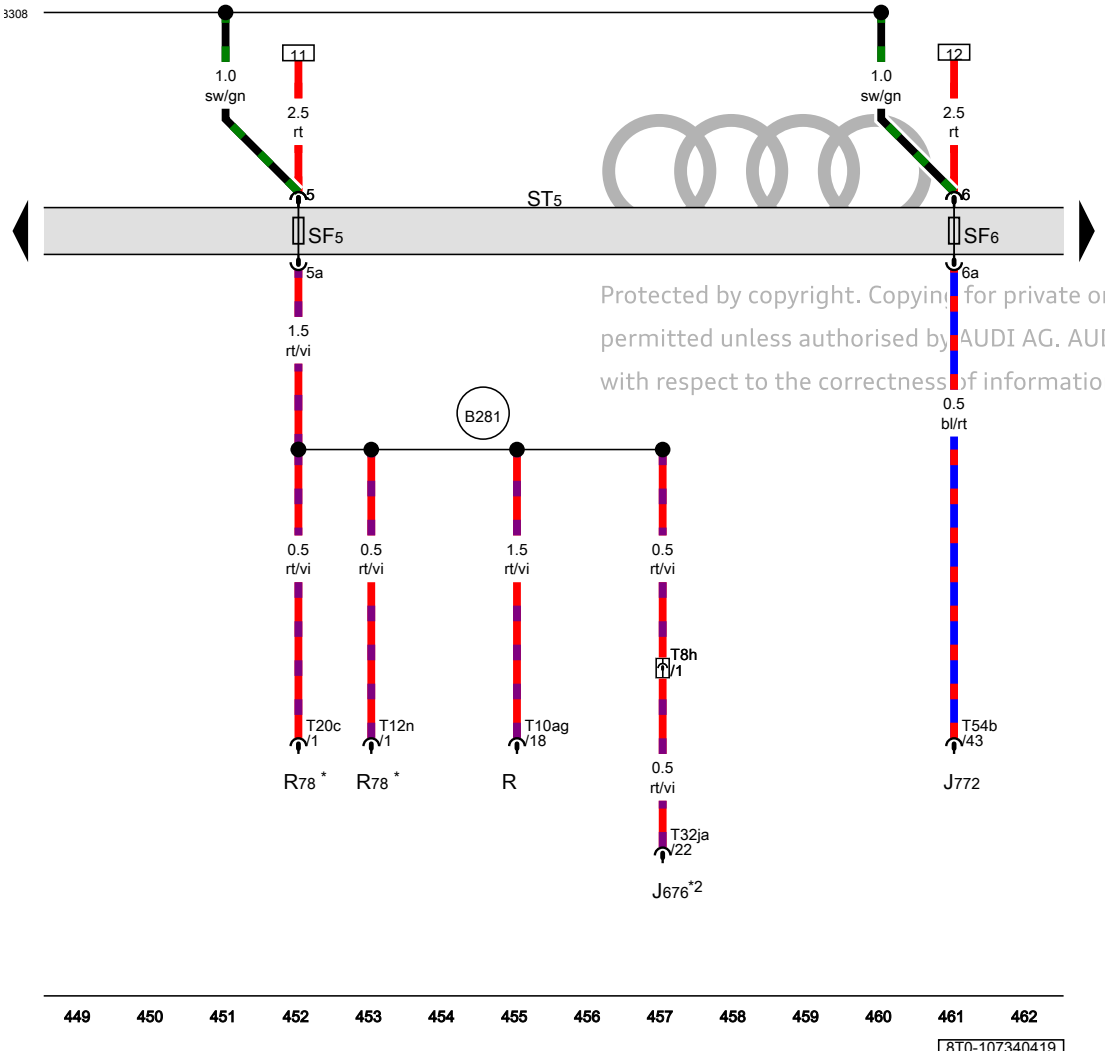


Voltage stabiliser, Relay for automatic anti-dazzle interior mirror, Fuse holder F, Fuse carrier 5

J532	Voltage stabiliser
J794	Control unit 1 for information electronics
J799	Control unit for front right seat ventilation
J910	Relay for automatic anti-dazzle interior mirror
SF	Fuse holder F
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
ST5	Fuse carrier 5
T6k	6-pin connector, green
T8ao	8-pin connector
T8c	8-pin connector
T12aa	12-pin connector
T17g	17-pin connector, black
T17q	17-pin connector, in E-box
T18c	18-pin connector
Y7	Automatic anti-dazzle interior mirror
51	Earth point, on right in luggage compartment
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B308	Positive connection 12 (30), in main wiring harness
*	For models with stop/start system
*2	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
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or	=	orange
rs	=	pink

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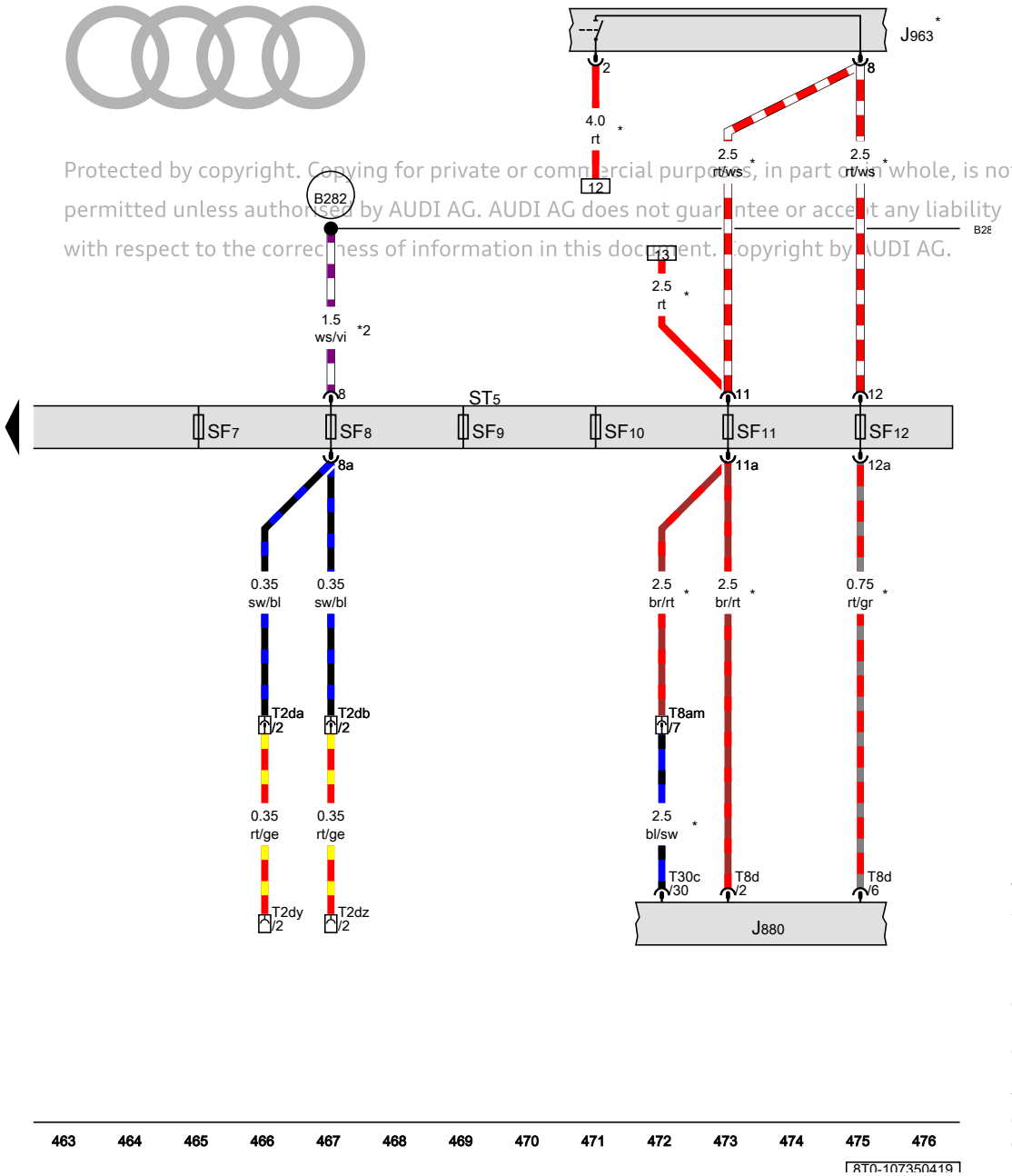
Fuse carrier 5

J676	Chip card reader control unit
J772	Reversing camera system control unit
R	Radio
R78	TV tuner
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
T8h	8-pin connector, black
T10ag	10-pin connector
T12n	12-pin connector
T20c	20-pin connector
T32ja	32-pin connector
T54b	54-pin connector
B281	Positive connection 5 (15a) in main wiring harness
B308	Positive connection 12 (30), in main wiring harness
*	According to equipment
*2	For models with equipment for Japan

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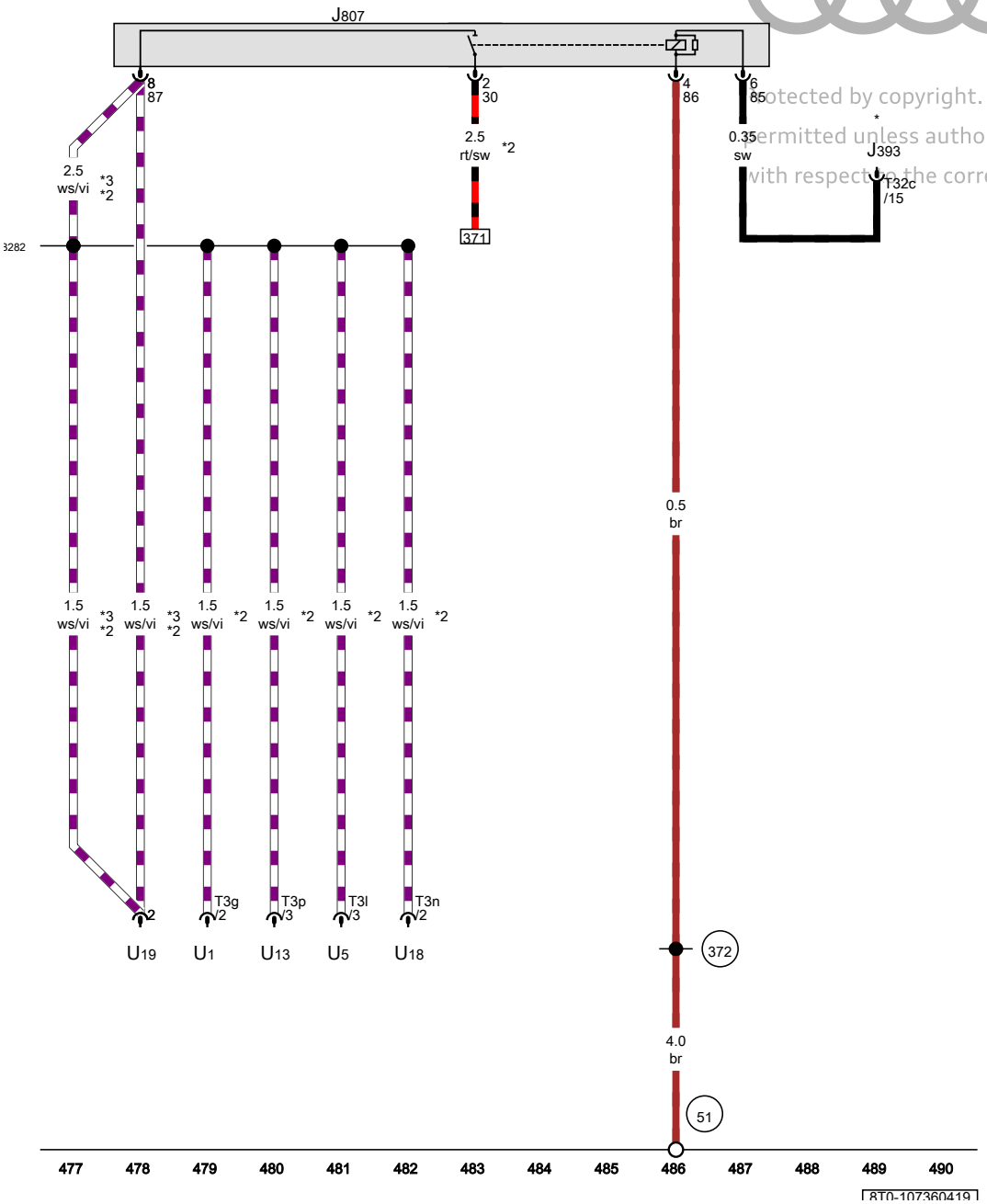
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bl = blue
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vi = purple
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Fuse carrier 5

J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST5	Fuse carrier 5
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
T2da	2-pin connector
T2db	2-pin connector
T2dy	2-pin connector, in driver seat armrest
T2dz	2-pin connector, in front passenger seat armrest
T8am	8-pin connector, black
T8d	8-pin connector
T30c	30-pin connector
B282	Positive connection 6 (15a) in main wiring harness
*	According to equipment
*2	Cross section depends on equipment



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Relay for power sockets

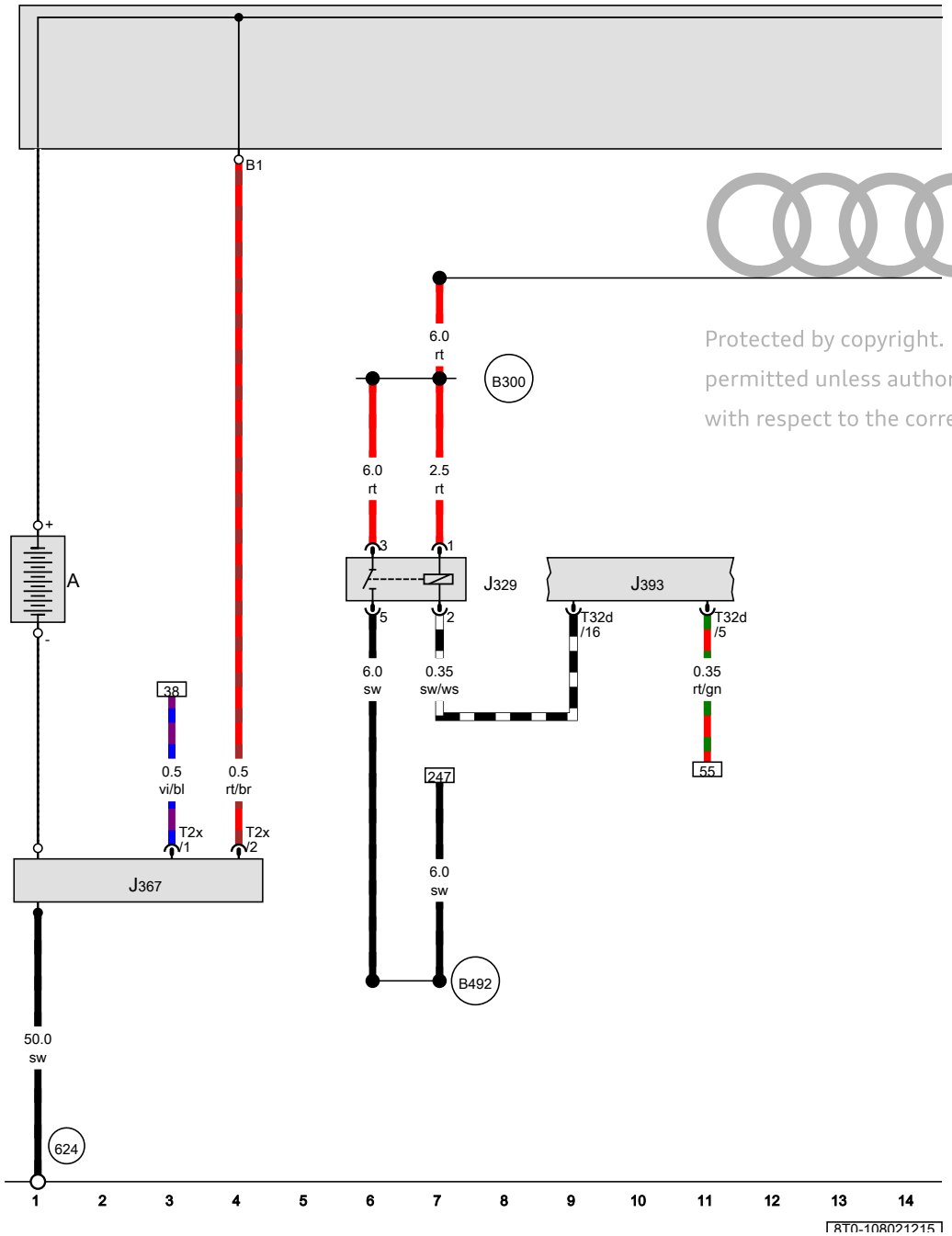
J393	Convenience system central control unit
J807	Relay for power sockets
T3g	3-pin connector
T3l	3-pin connector
T3n	3-pin connector
T3p	3-pin connector
T32c	32-pin connector
U1	Cigarette lighter
U5	12 V socket, in centre console
U13	DC/AC converter with socket, 12 V - 230 V
U18	12 V socket 2, in rear centre console
U19	12 V socket 3, in luggage compartment
51	Earth point, on right in luggage compartment
372	Earth connection 7, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Cross section depends on equipment
*3	According to equipment

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br	=	brown
gn	=	green
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gr	=	grey
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vi	=	purple
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rs	=	pink

1.8l petrol engine , CJEB,CJED,CJEE

From August 2011

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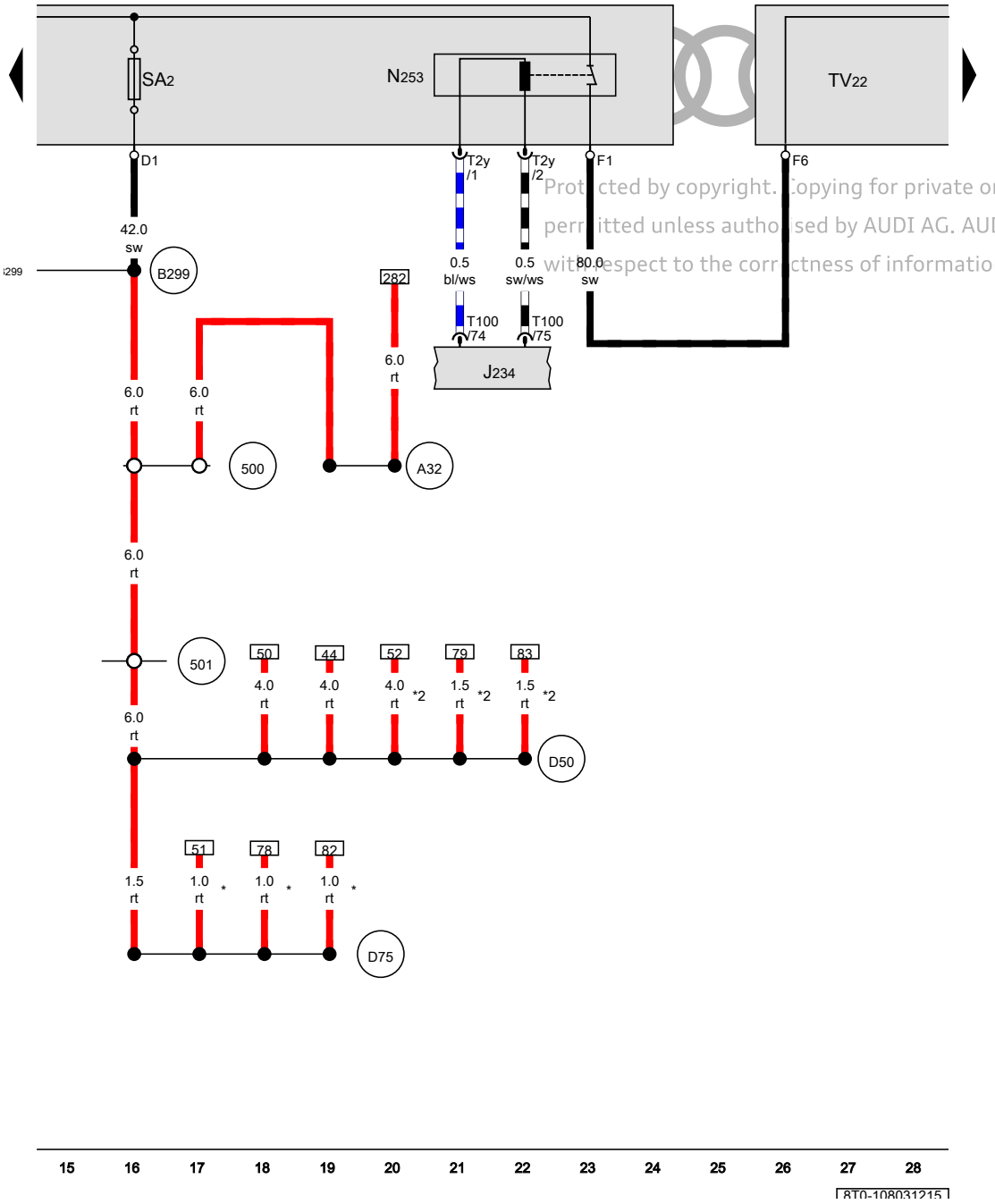


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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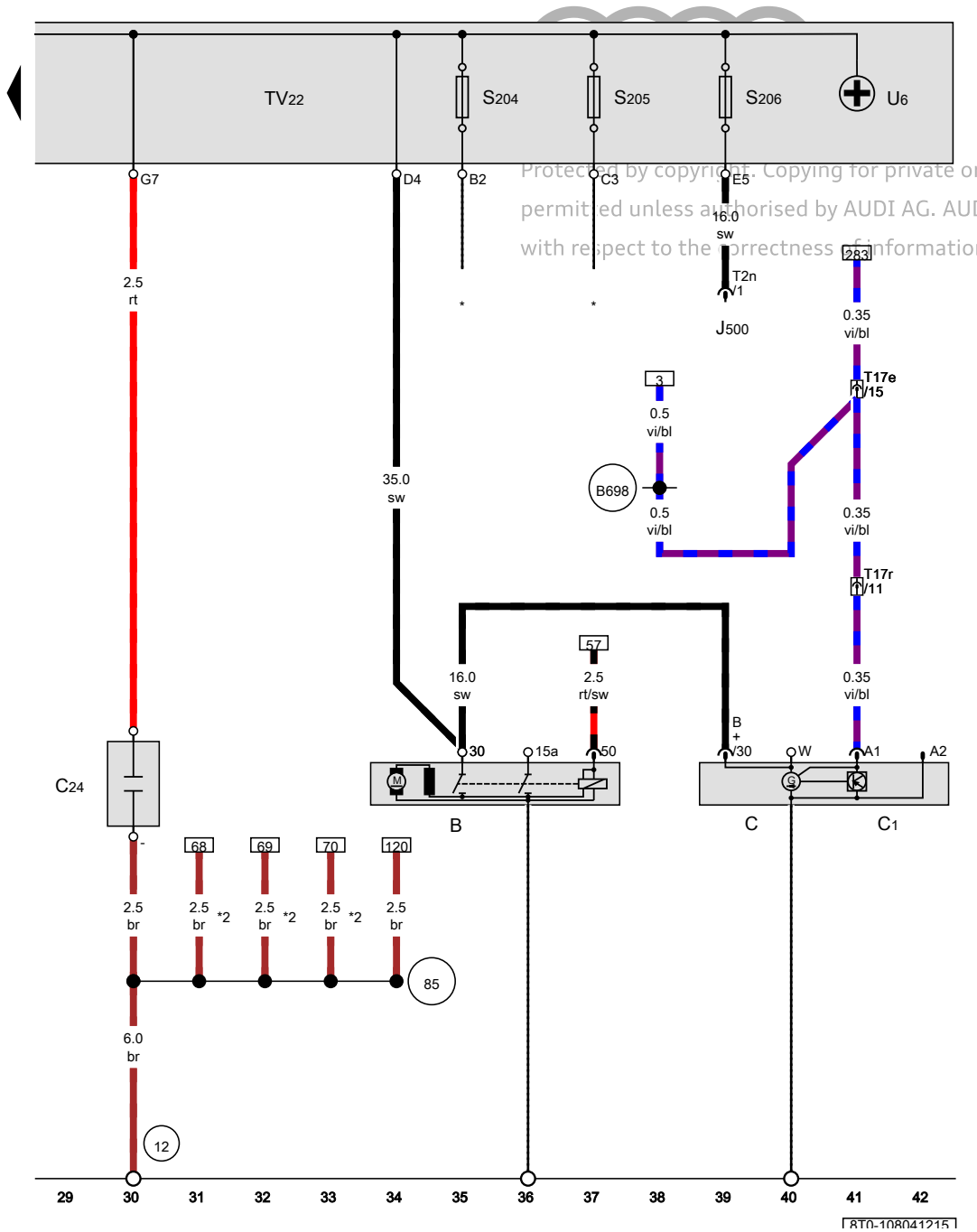


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Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	Up to April 2012
*2	From May 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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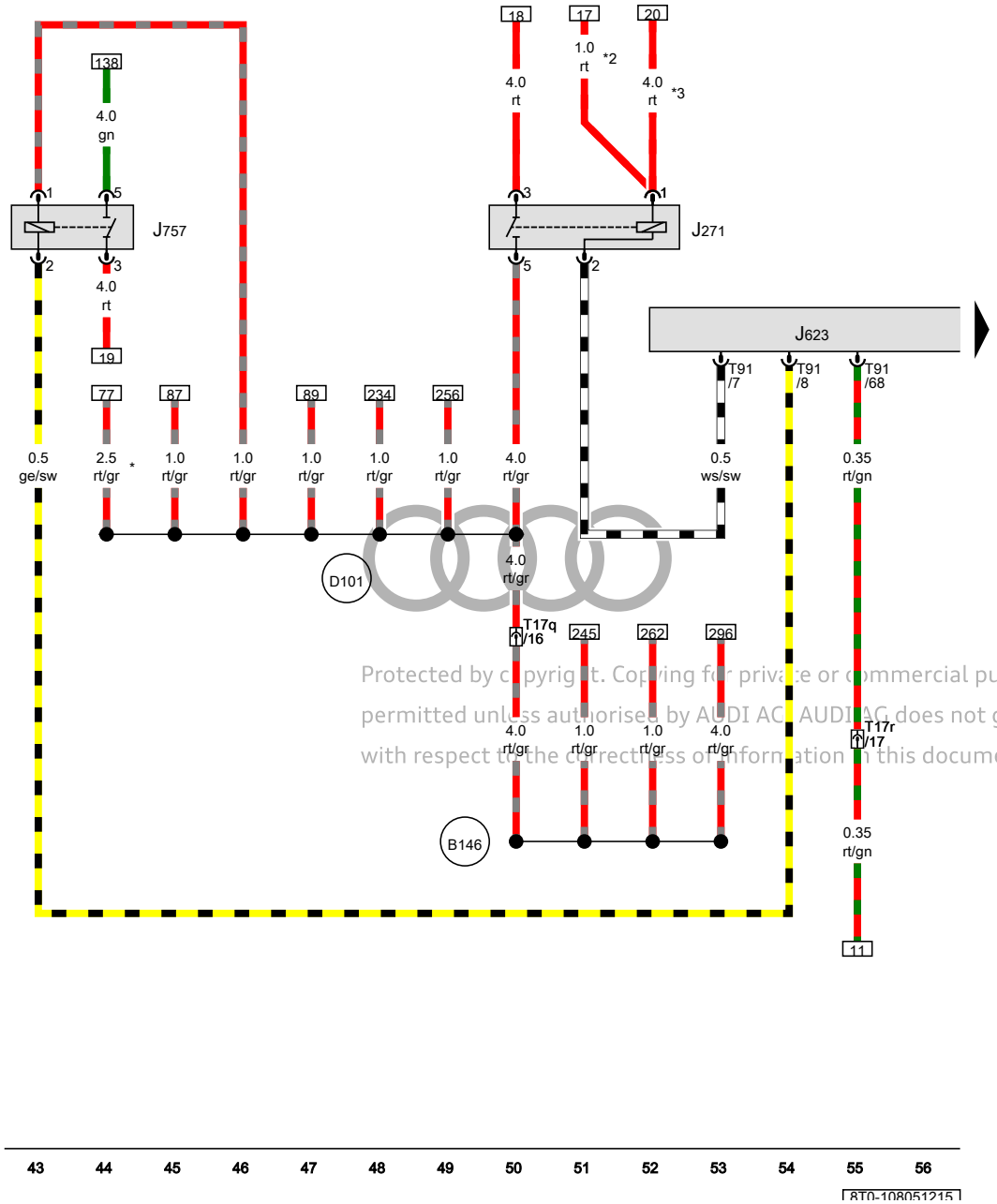
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	Cross-section 1.5 possible

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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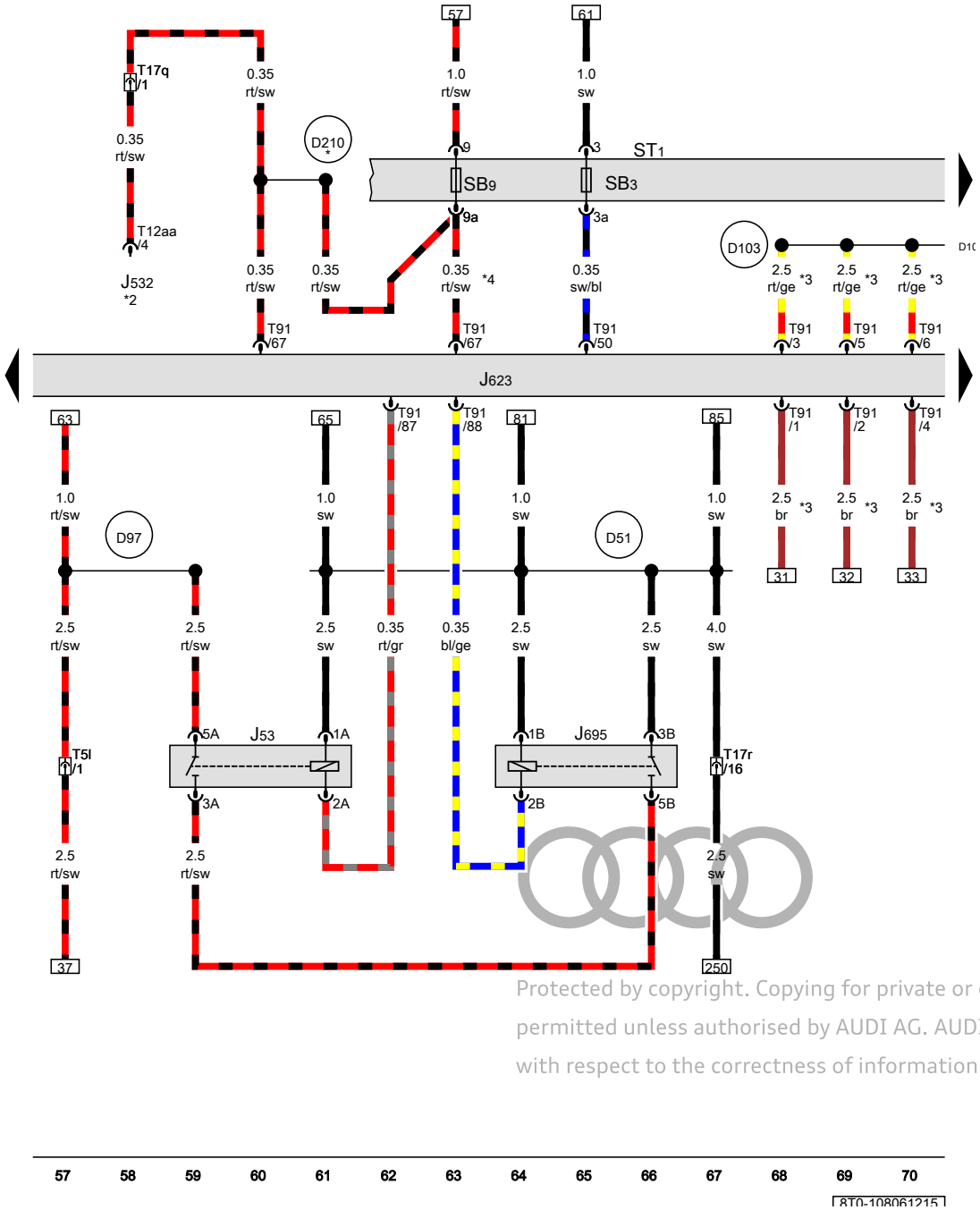
Main relay, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Cross-section 1.5 possible
*2	Up to April 2012
*3	From May 2012



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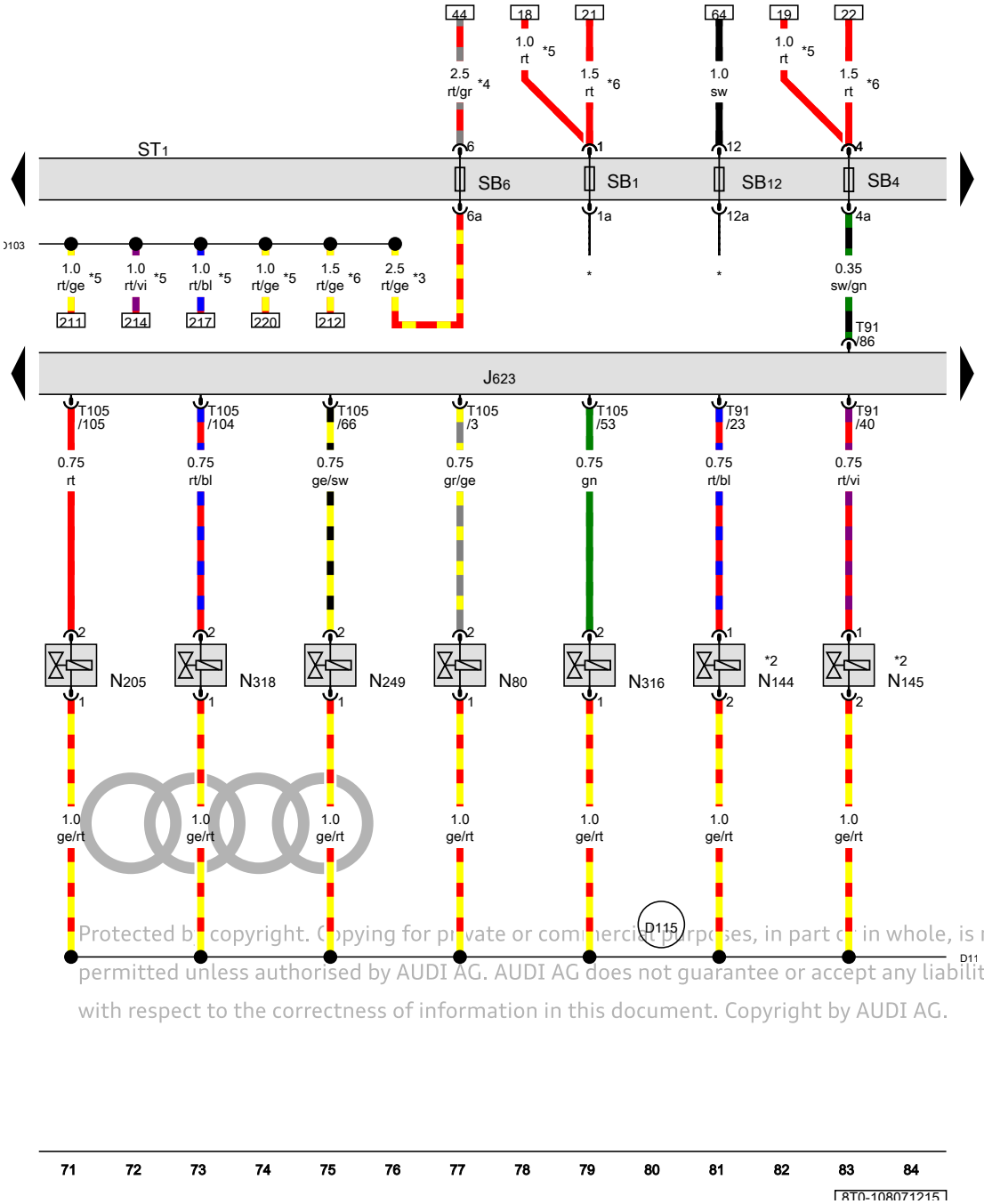


Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D103	Connection 3 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Only models with start/stop system
*2	See applicable current flow diagram for start/stop system
*3	Cross-section 1.5 possible
*4	Only models with no start/stop system

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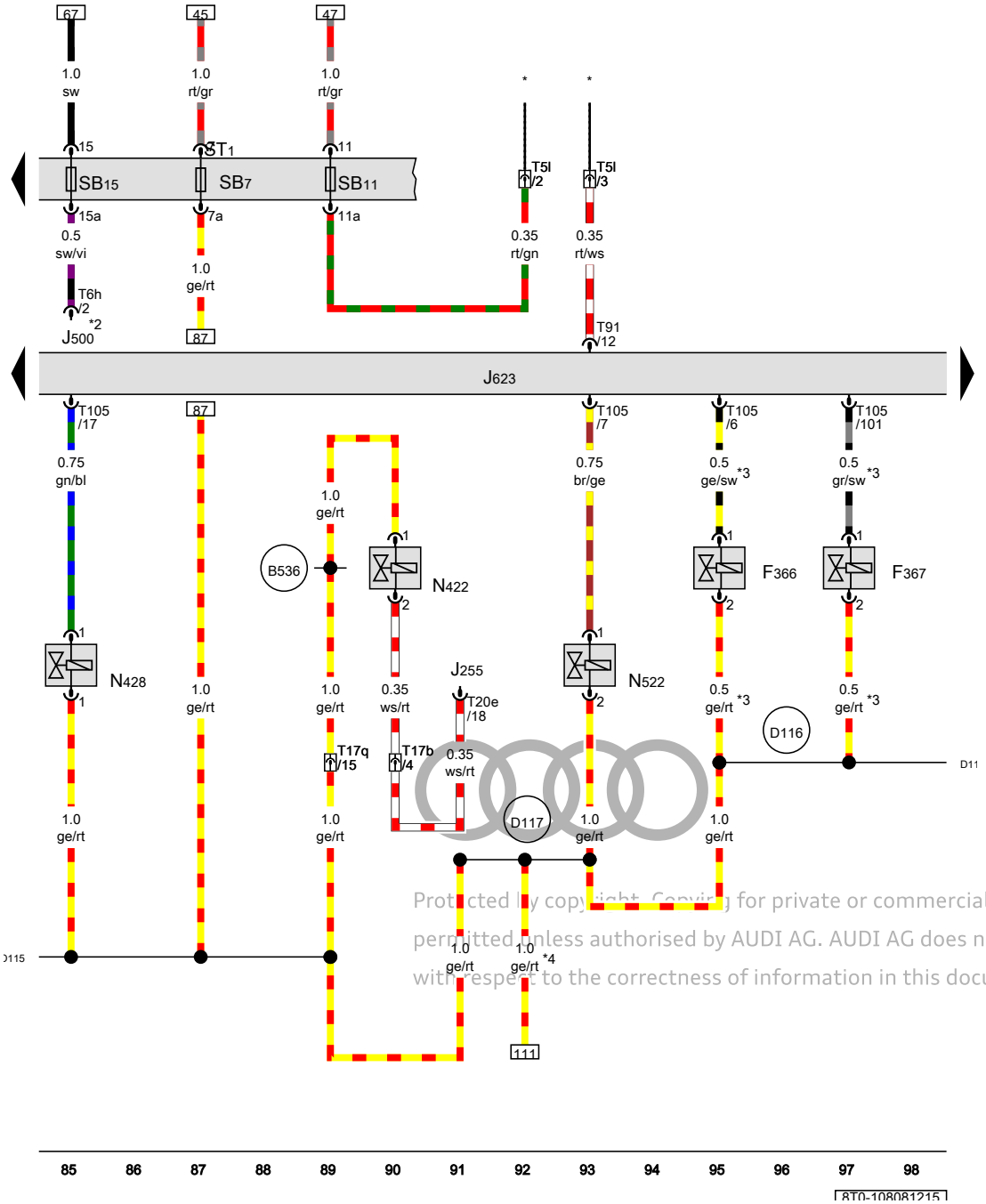


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Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Turbocharger air recirculation valve, Exhaust camshaft control valve 1

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
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T91	91-pin connector
T105	105-pin connector
D103	Connection 3 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	If fitted
*3	Wiring colour depends on equipment
*4	Cross-section 1.5 possible
*5	Up to April 2012
*6	From May 2012



Actuator 1 for camshaft adjustment, Valve for oil pressure control, Piston cooling jet control valve

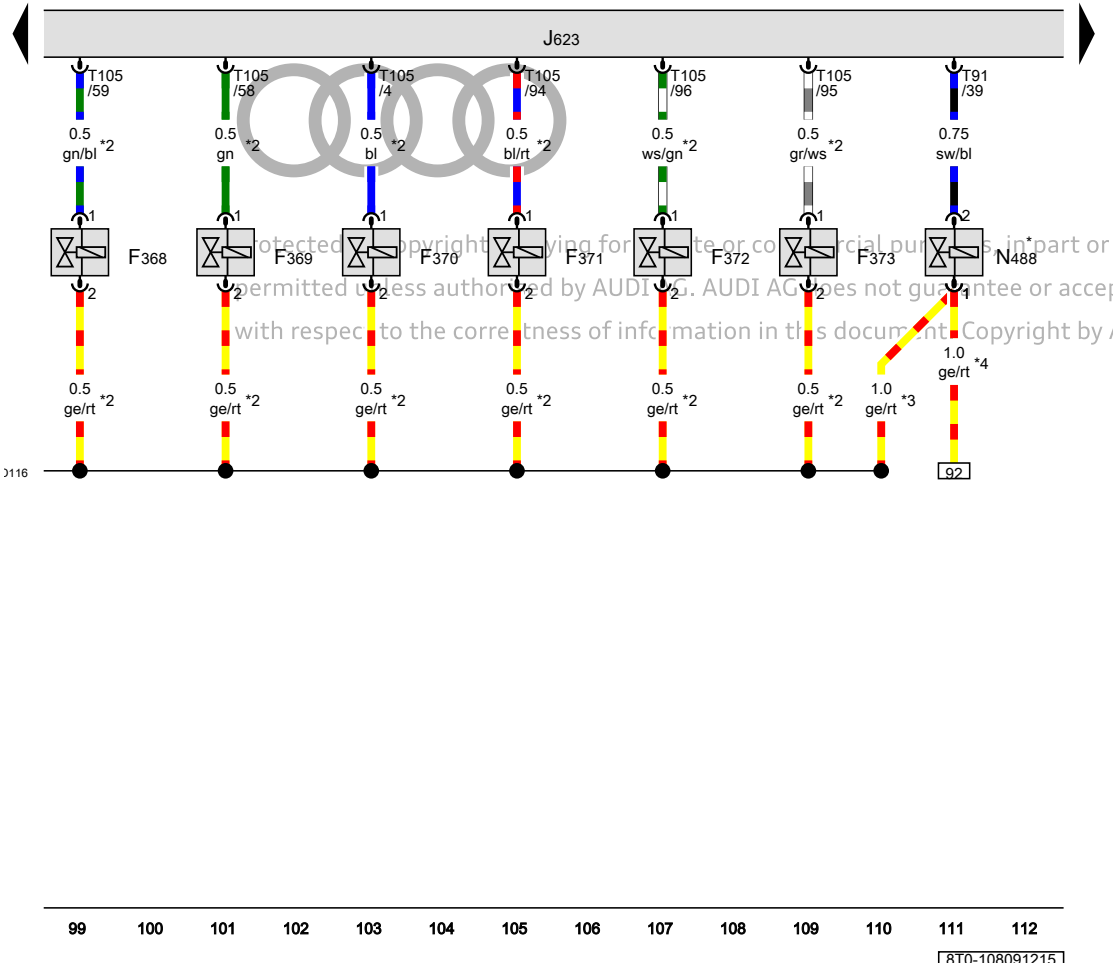
F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
J255	Climatronic control unit
J500	Power steering control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
N428	Valve for oil pressure control
N522	Piston cooling jet control valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T91	91-pin connector
T105	105-pin connector
B536	Connection 27, in main wiring harness
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram
*3	Cross section depends on equipment
*4	From May 2012

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 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
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
J623	Engine control unit
N488	Coolant valve for gearbox
T91	91-pin connector
T105	105-pin connector
D116	Connection 14 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Cross section depends on equipment
*3	Up to April 2012
*4	From May 2012

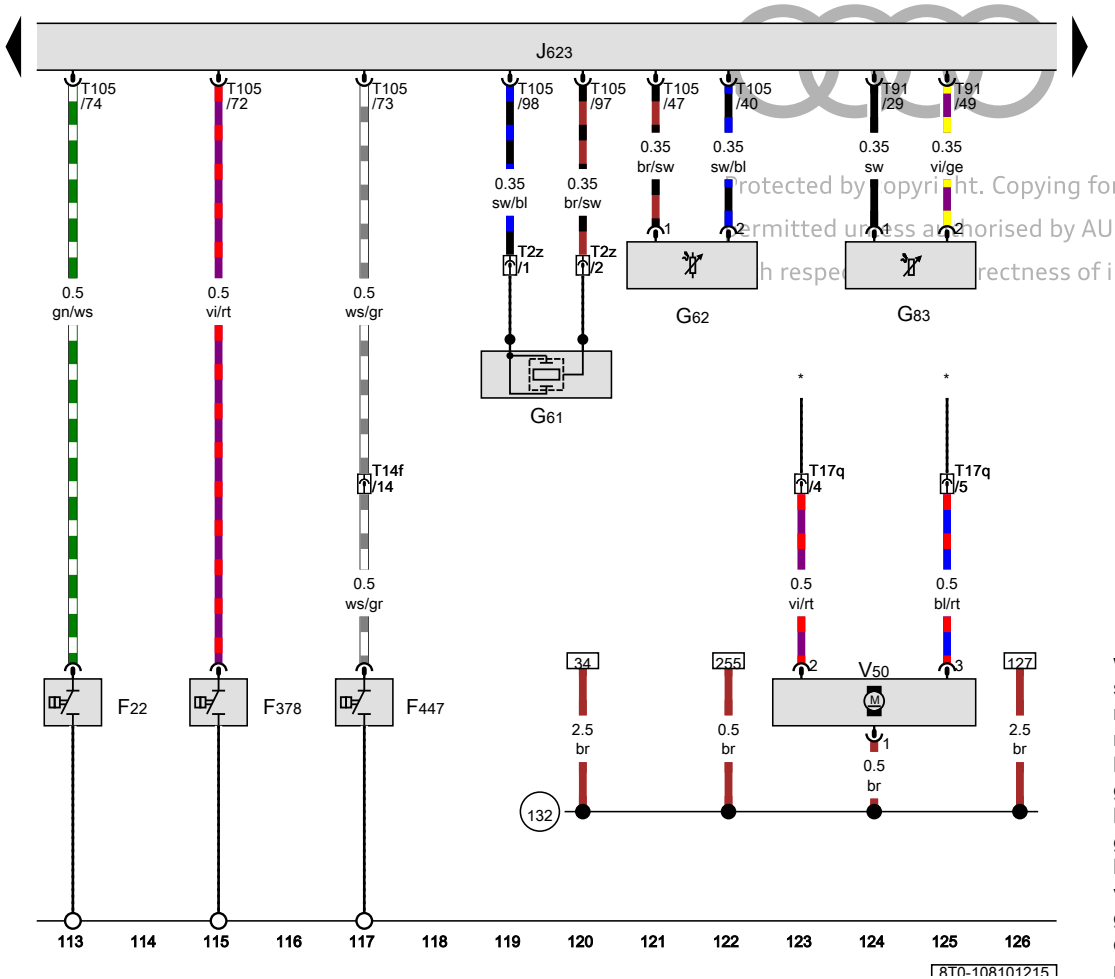


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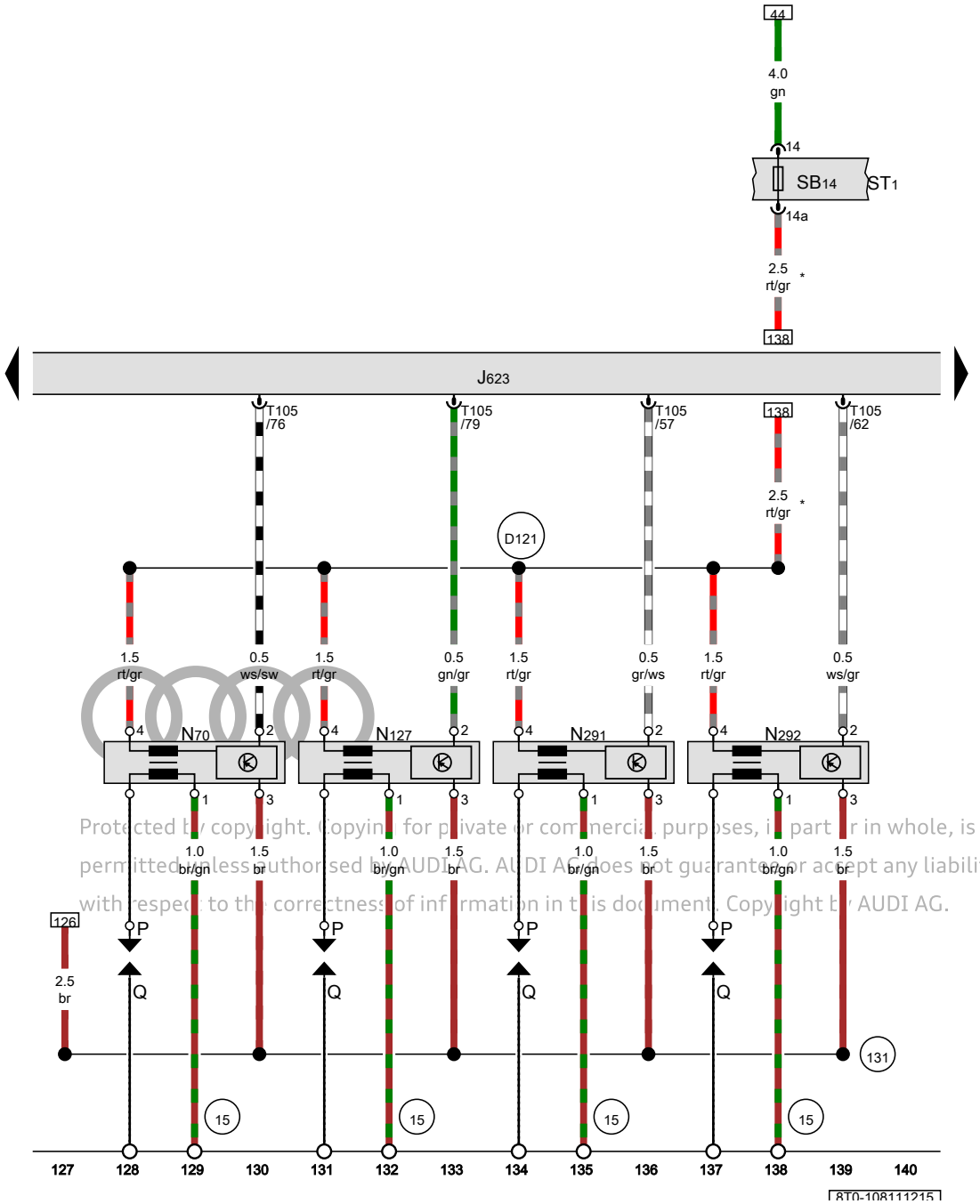
Oil pressure switch, Oil pressure switch for reduced oil pressure, Coolant temperature sender, Radiator outlet coolant temperature sender

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G61	Knock sensor 1
G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
T2z	2-pin connector, green
T14f	14-pin connector, in engine compartment
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
V50	Coolant circulation pump
132	Earth connection 3, in engine compartment wiring harness
*	see applicable current flow diagram for air conditioning



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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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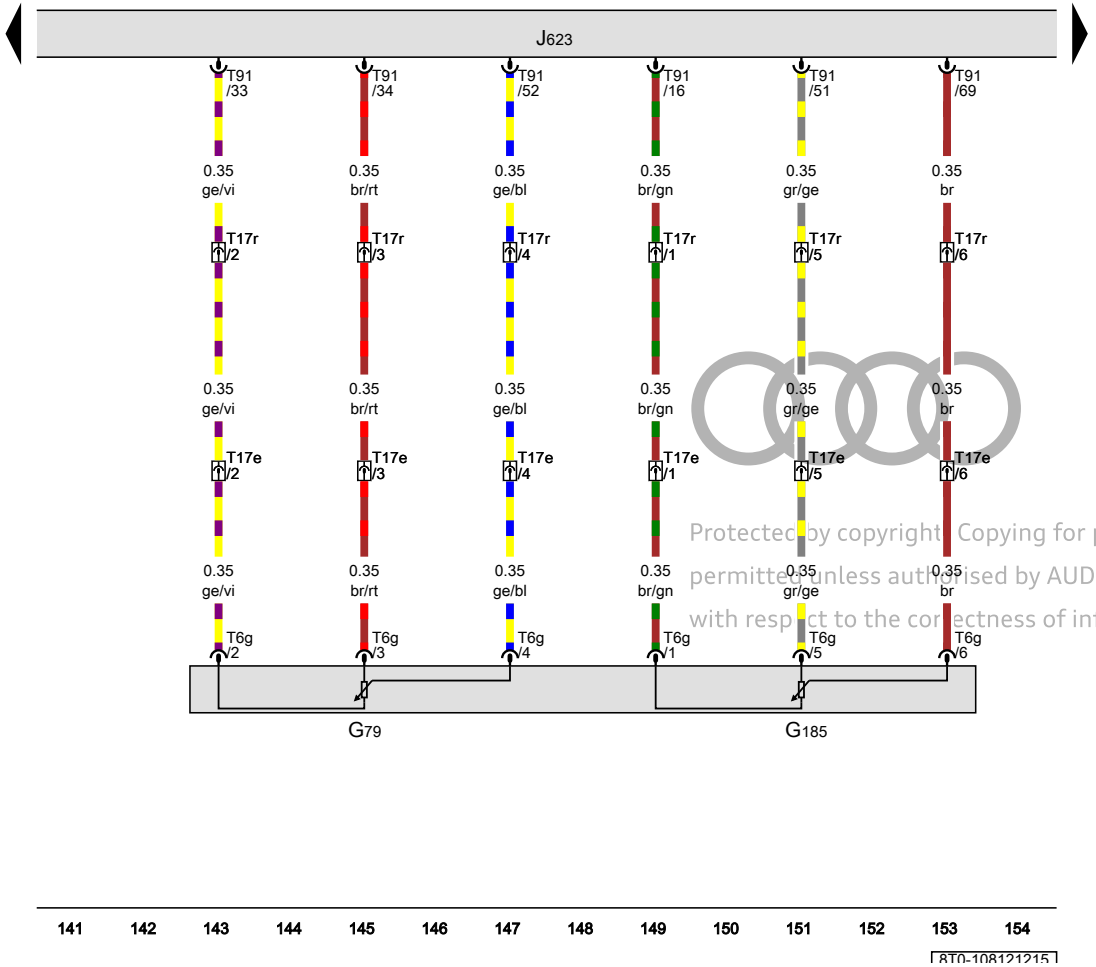
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Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T105	105-pin connector
15	Earth point, on cylinder head
131	Earth connection 2, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	Cross-section 1.5 possible

Accelerator position sender, Accelerator position sender 2

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6g	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector

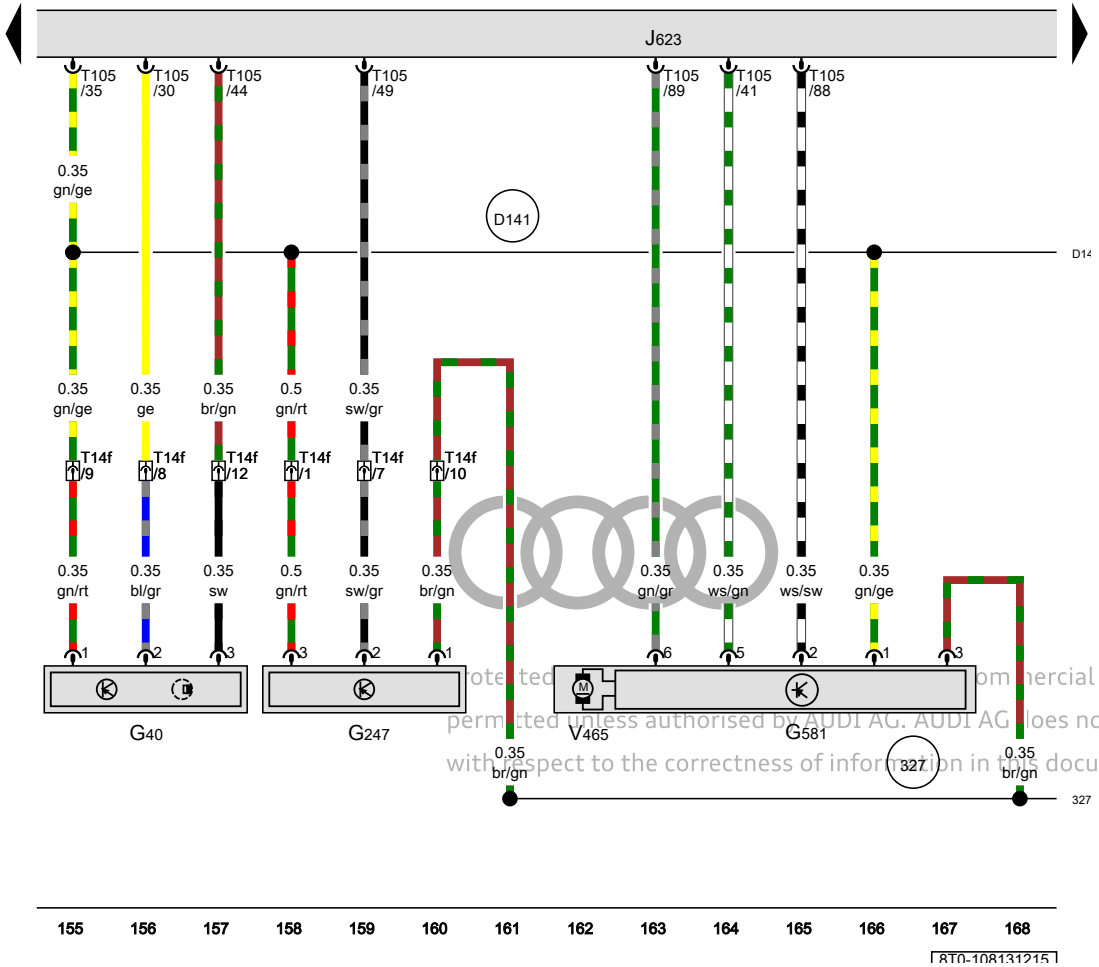


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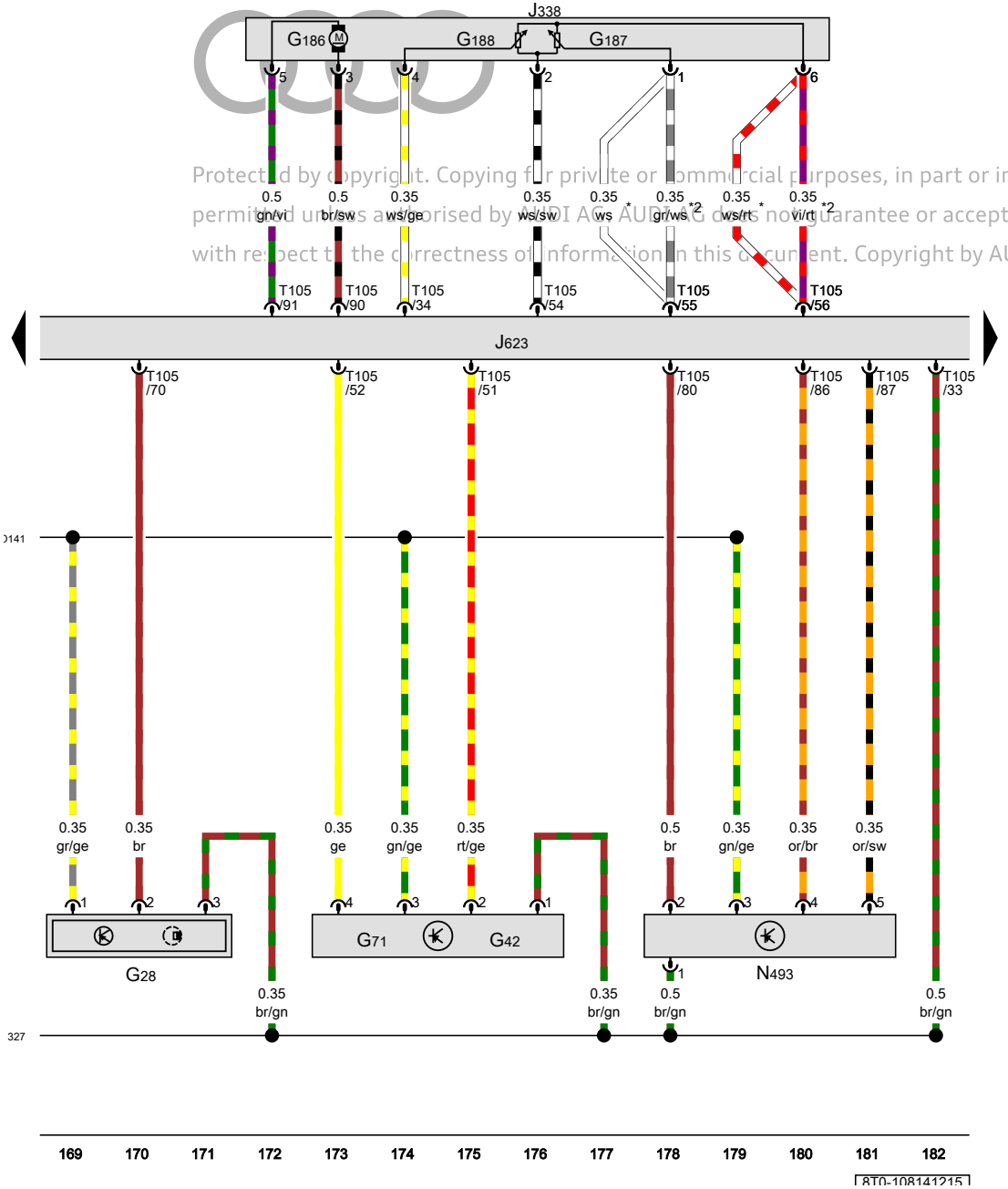
Hall sender, Fuel pressure sender

G40	Hall sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T105	105-pin connector
V465	Charge pressure positioner
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness



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ro	=	red
rt	=	red
br	=	brown
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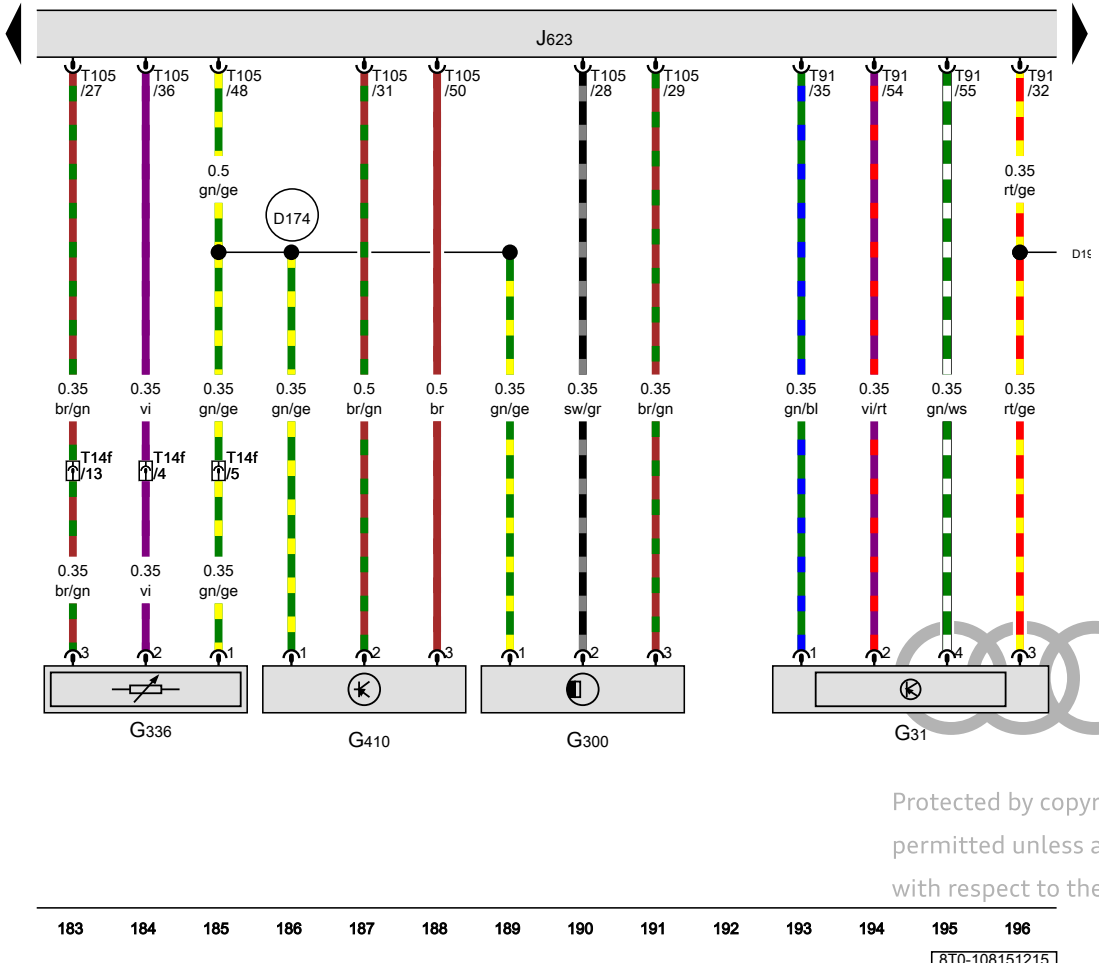
Engine speed sender, Throttle valve module

G28	Engine speed sender
G42	Intake air temperature sender
G71	Intake manifold pressure 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
N493	Actuator for engine temperature regulation
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Up to October 2015
*2	From November 2015

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sw	=	black
ro	=	red
rt	=	red
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Intake manifold flap potentiometer

G31	Charge pressure sender
G300	Hall sender 3
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low-pressure
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness

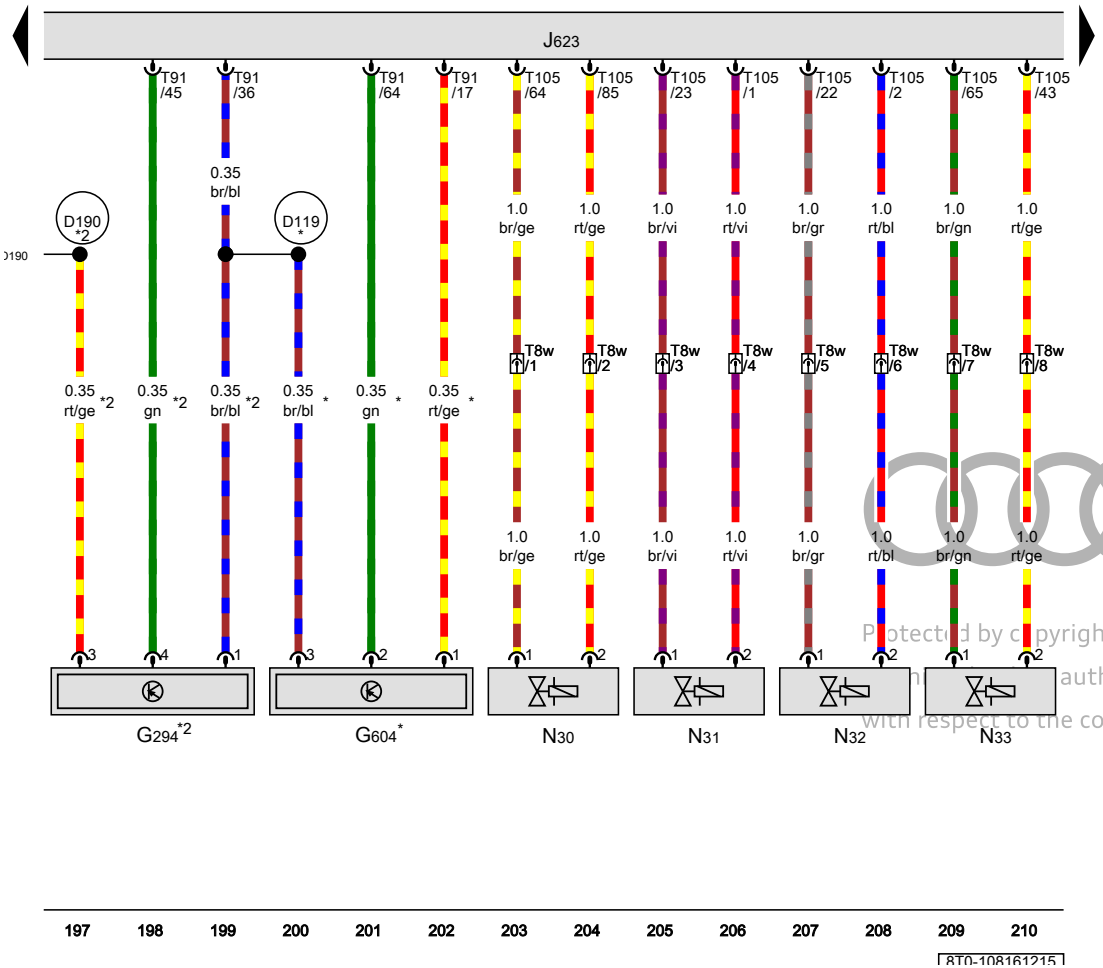


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Gear detection sensor, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
D119	Connection 17 in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	Only models with manual gearbox
*2	Only models with stop/start system



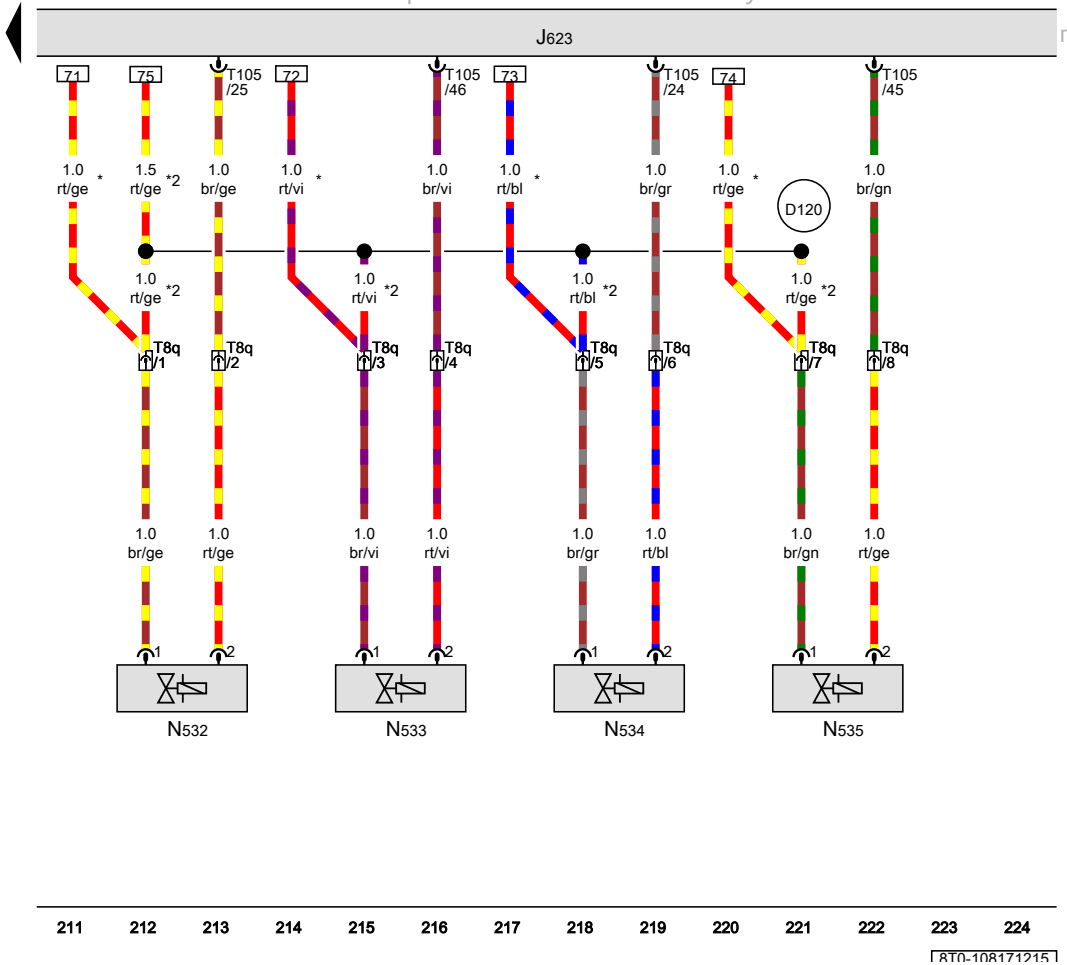
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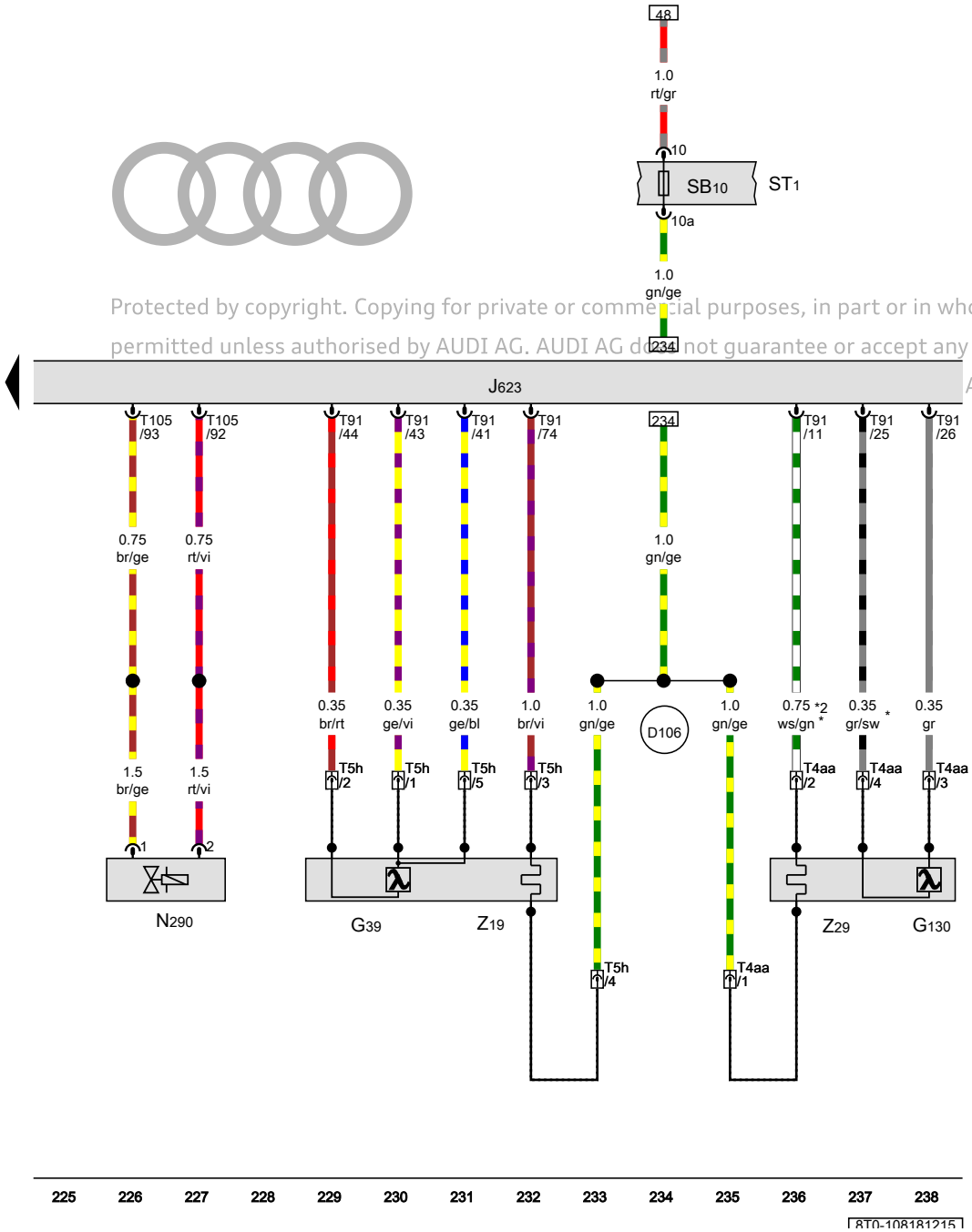
Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

J623	Engine control unit
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T8q	8-pin connector, black
T105	105-pin connector
D120	Connection 18 in engine compartment wiring harness
*	Up to April 2012
*2	From May 2012

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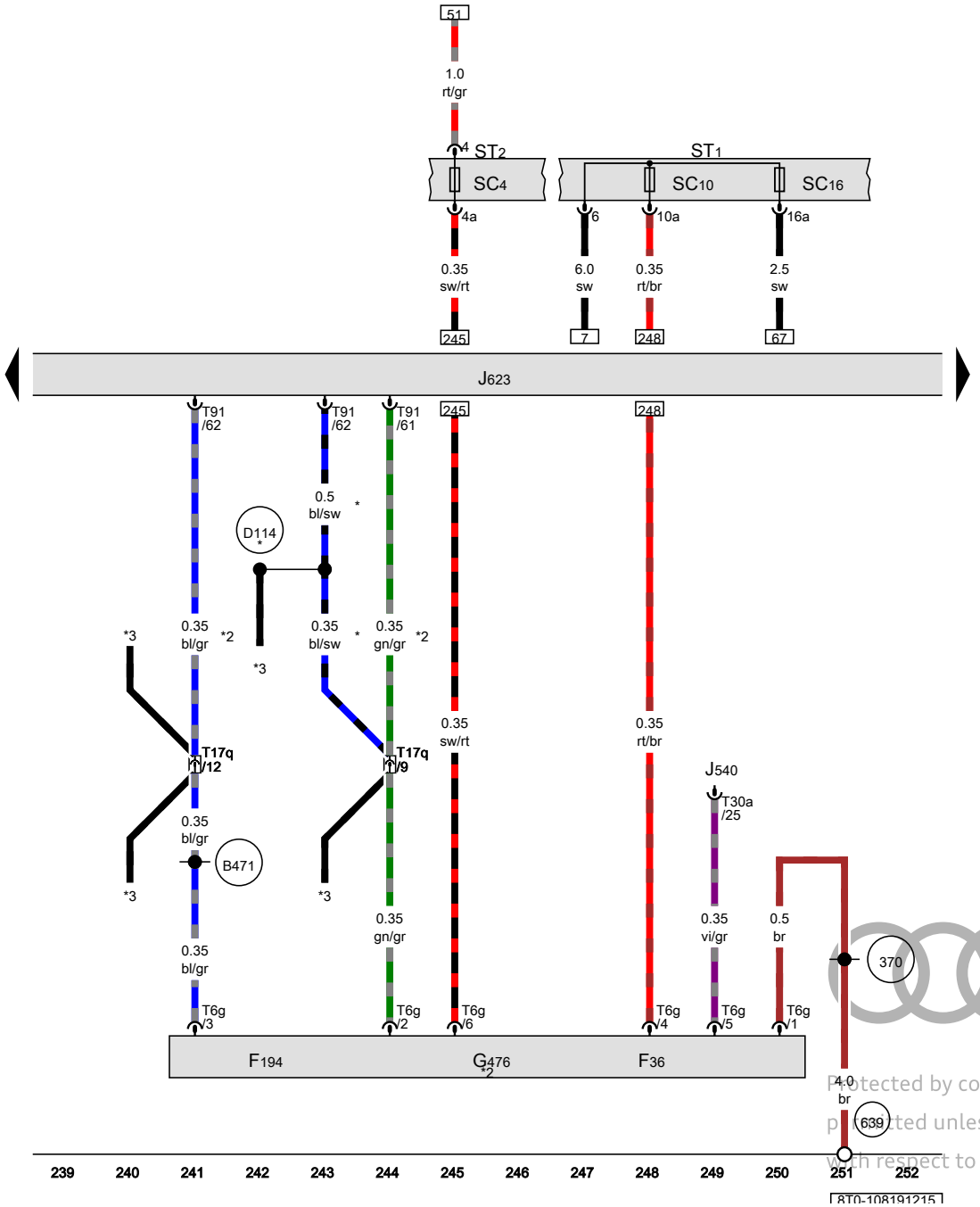


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Lambda probe, Lambda probe after catalytic converter, Fuel metering valve

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
N290	Fuel metering valve
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4aa	4-pin connector, grey
T5h	5-pin connector, black
T91	91-pin connector
T105	105-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness
*	Wiring colour depends on equipment
*2	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
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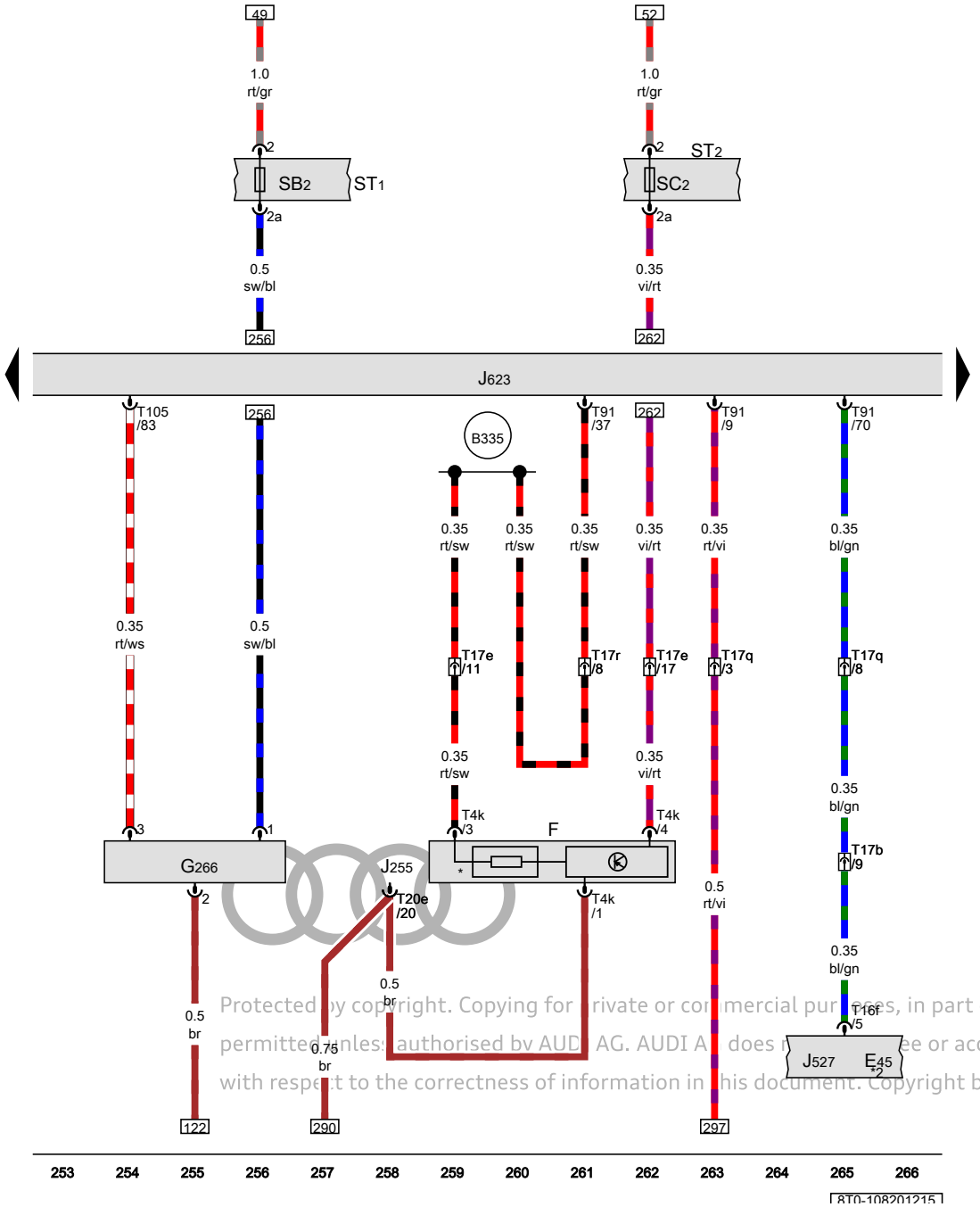
Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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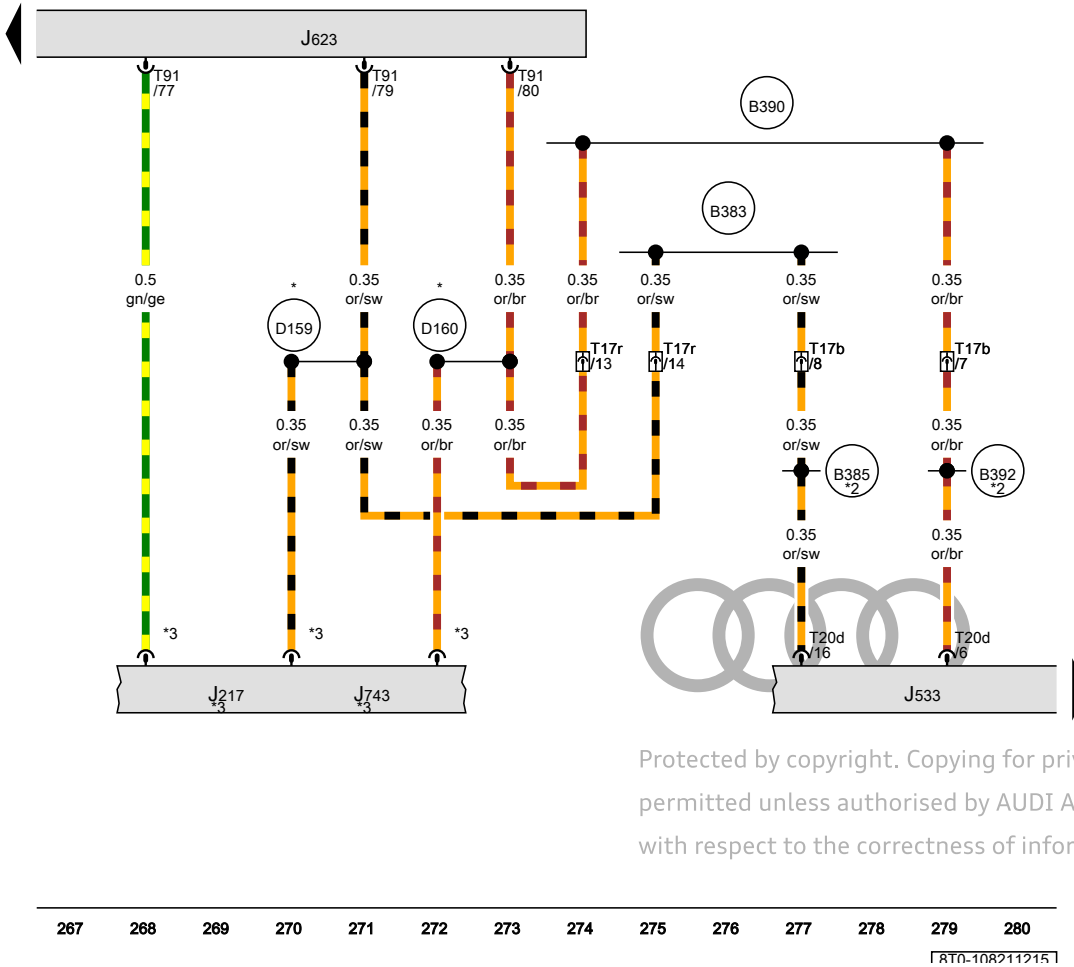
Brake light switch, Steering column electronics control unit



E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
T105	105-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

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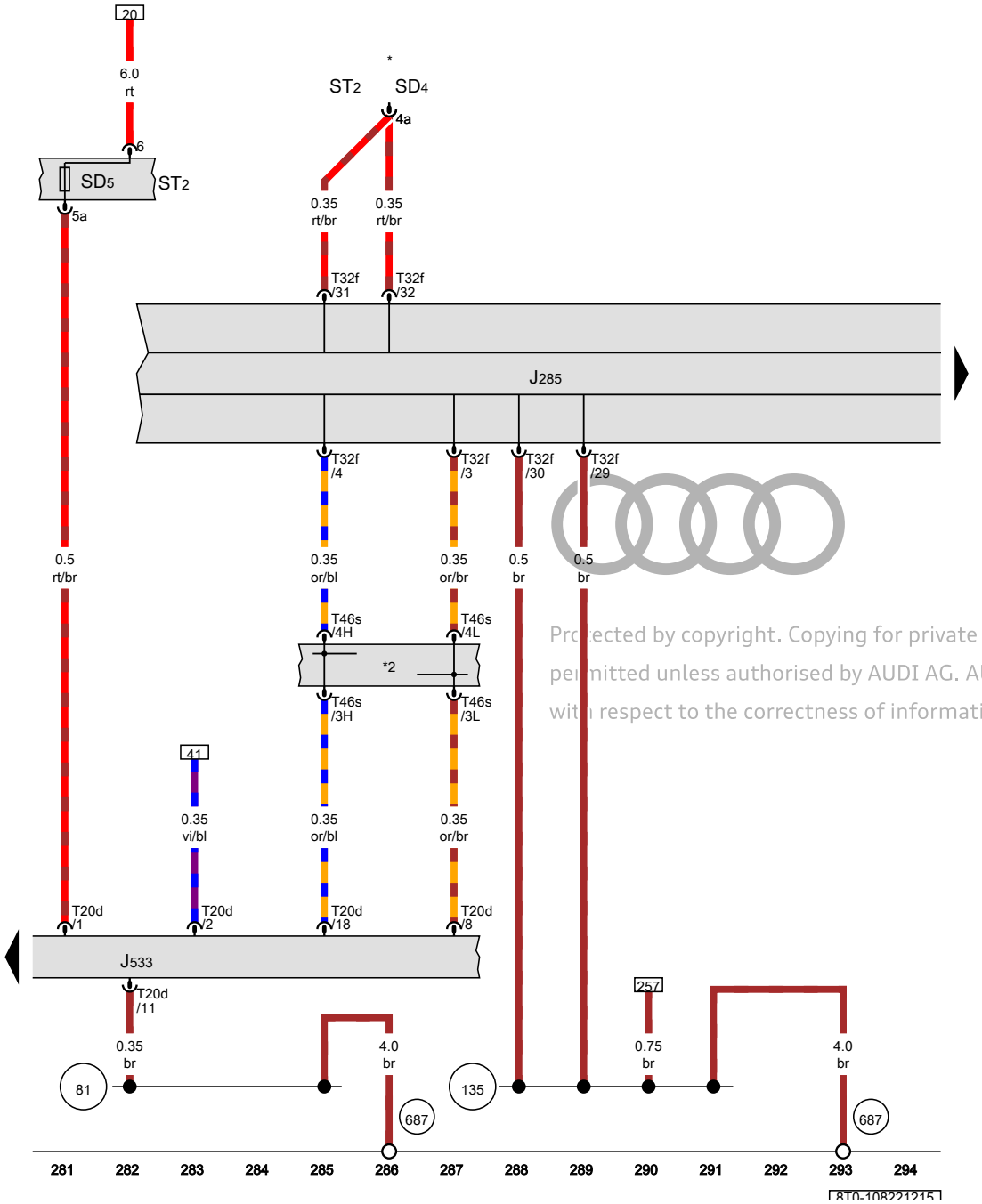


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T91	91-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Gradually discontinued
*3	see applicable current flow diagram for automatic gearbox

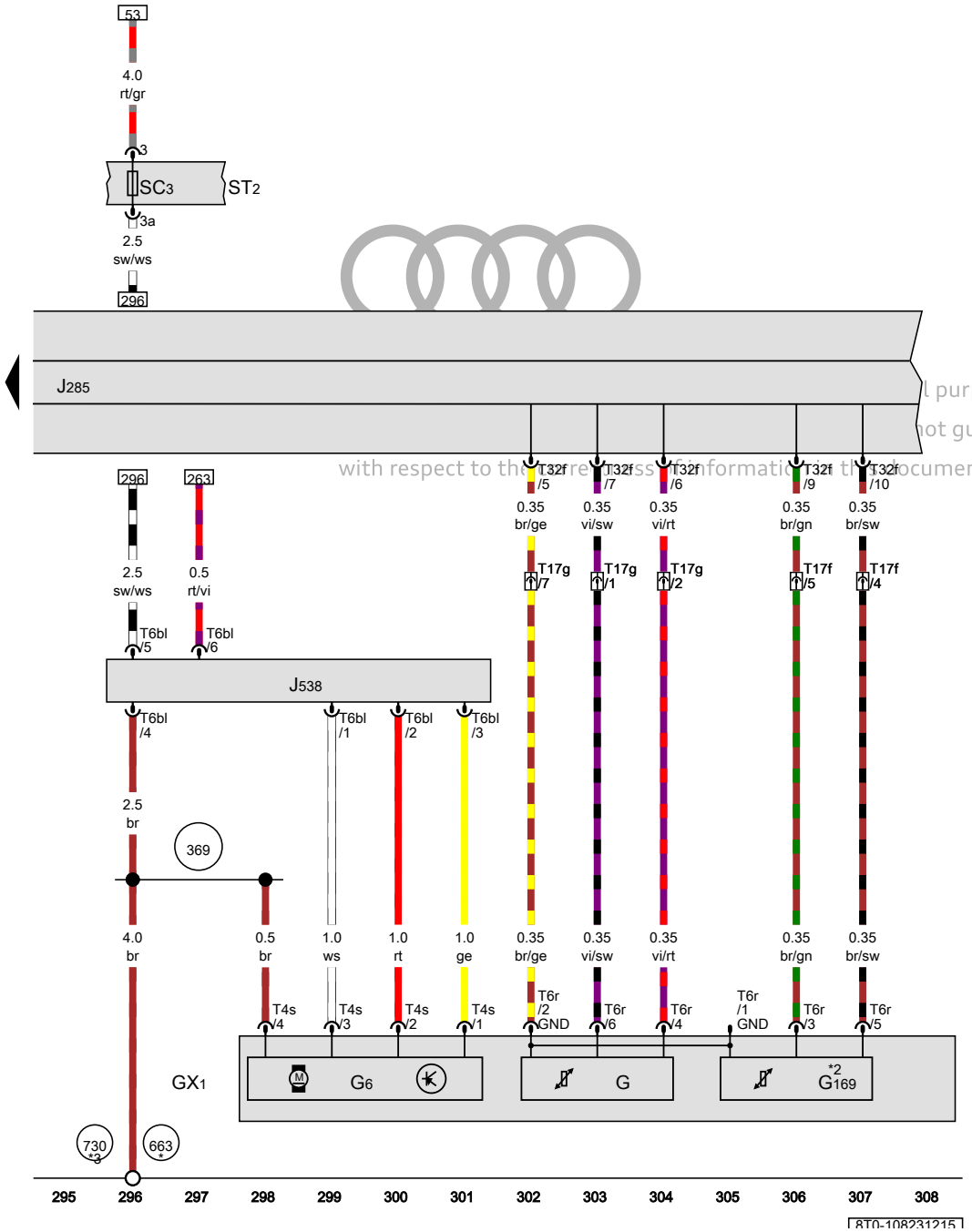


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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rt	=	red
br	=	brown
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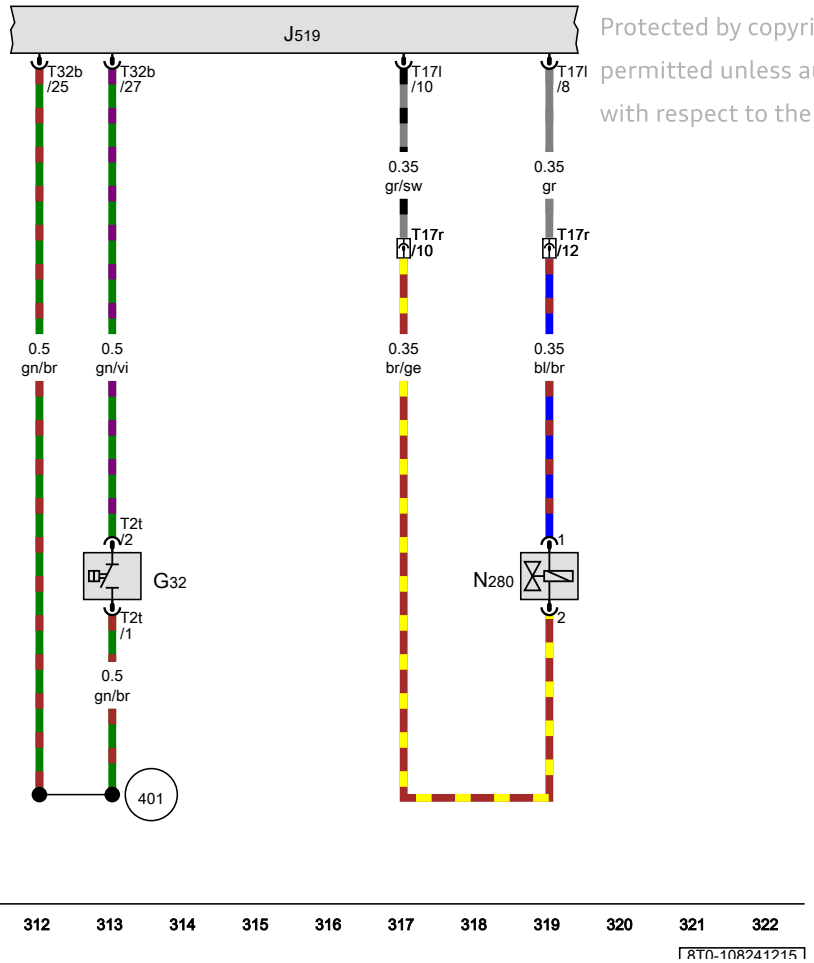
Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 2-doors
*2	Only models with all-wheel drive
*3	Only models with 5-doors

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sw	=	black
ro	=	red
rt	=	red
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gr	=	grey
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or	=	orange
rs	=	pink

Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



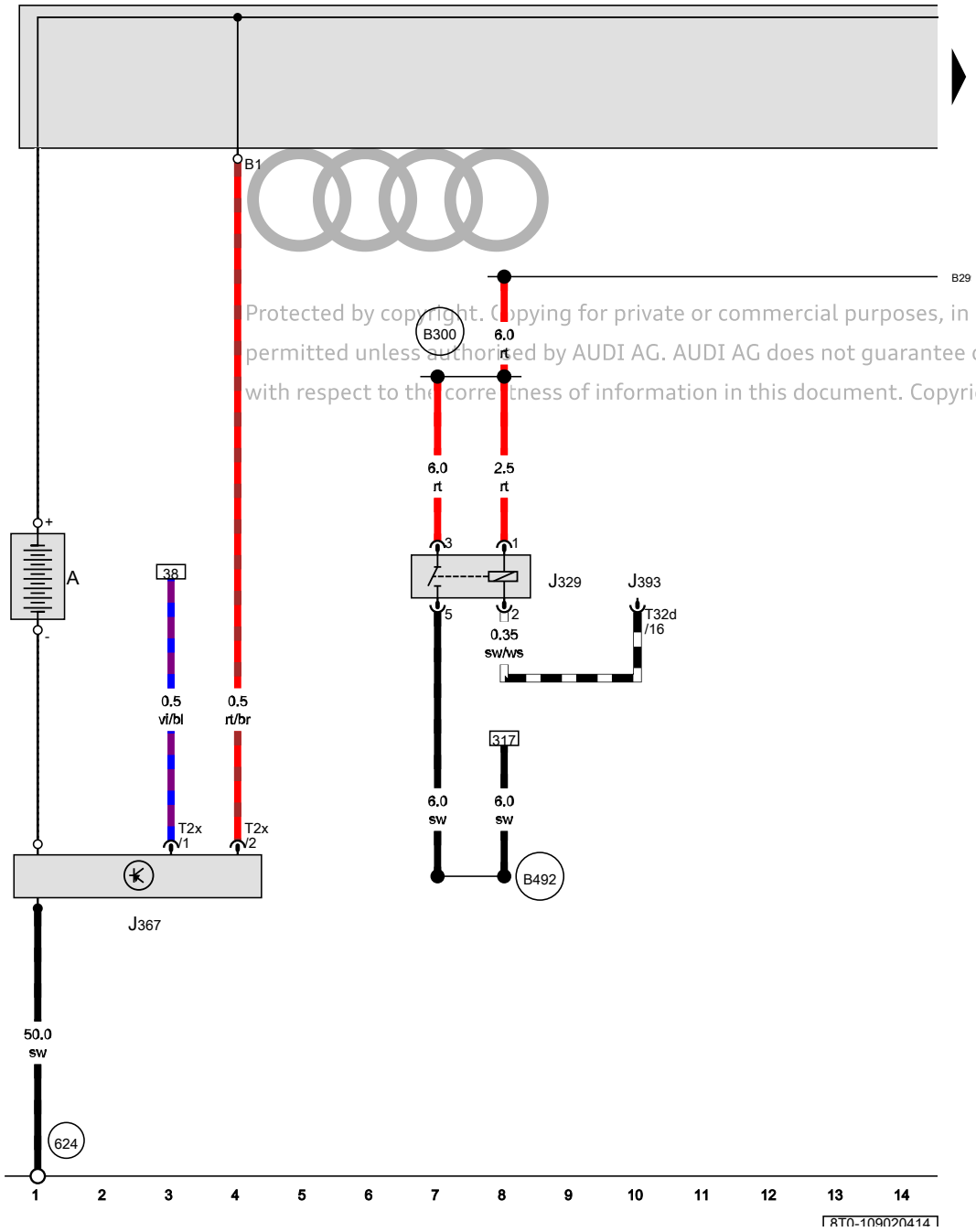
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2.0l diesel engine , CGLC,CGLD,CJCA,CJCB,CJCC,CMFA

From August 2011

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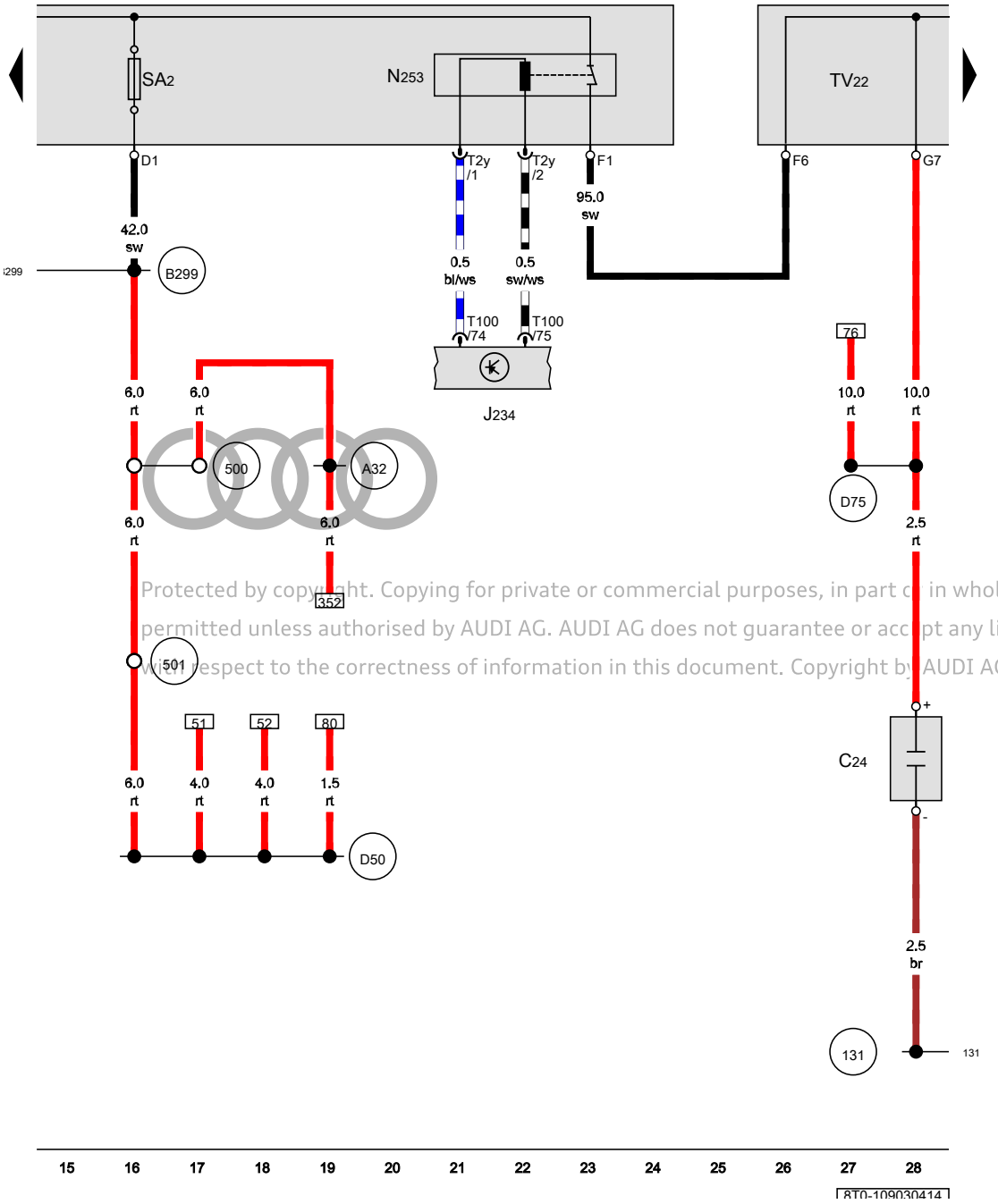


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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rt	=	red
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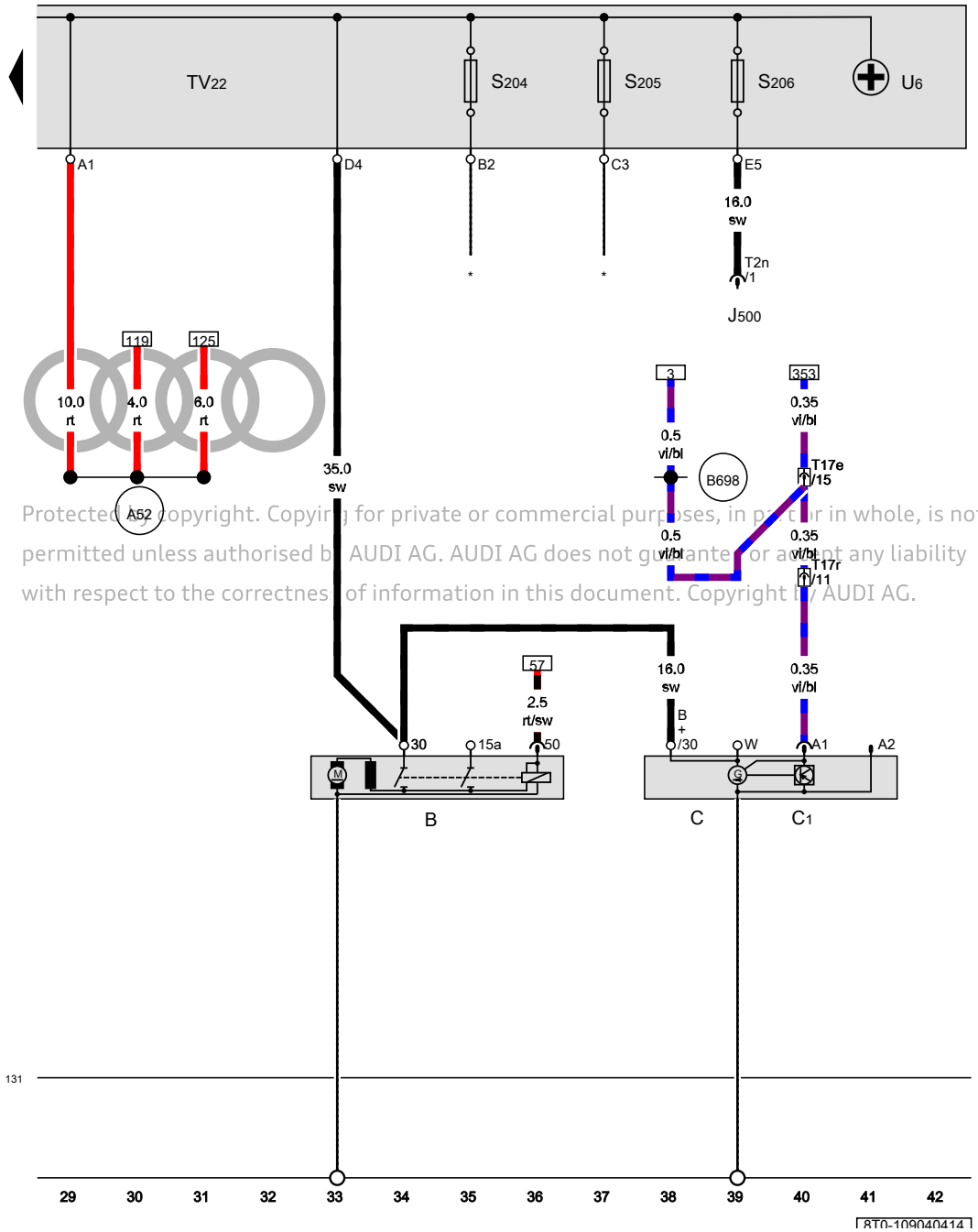


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Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness



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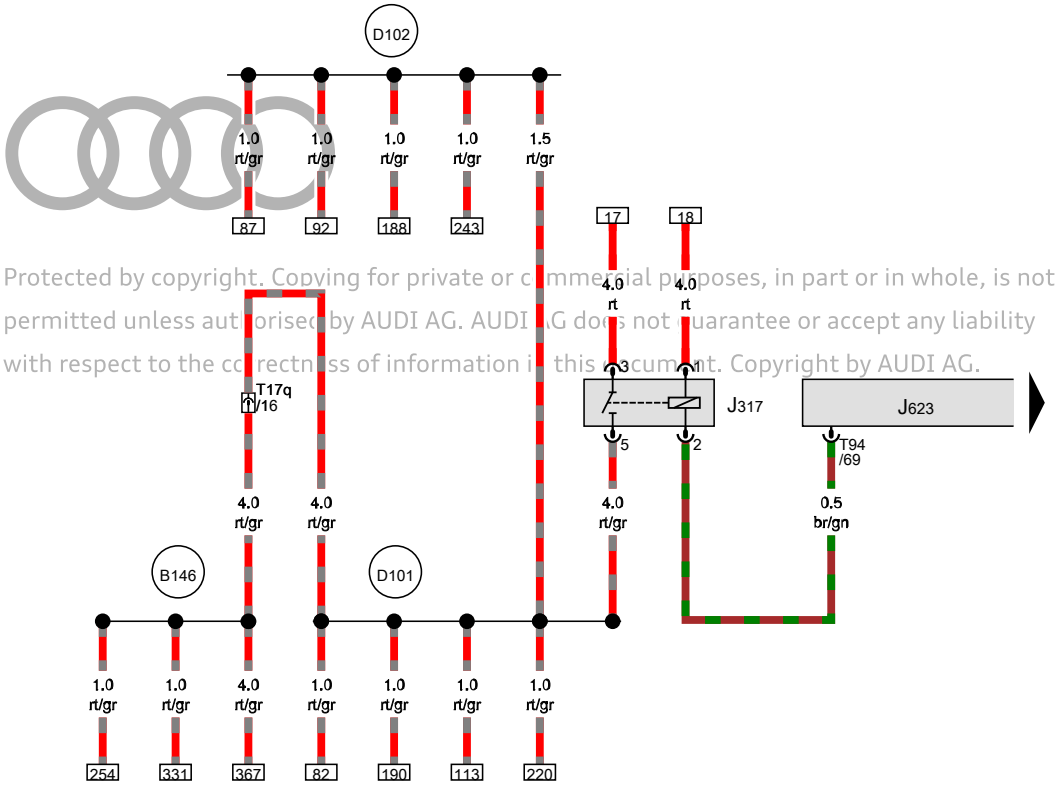
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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

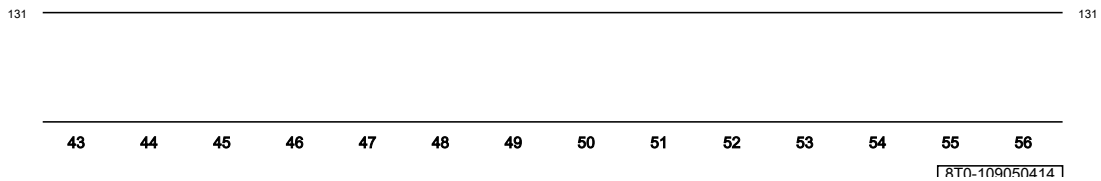
B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

Terminal 30 voltage supply relay, Engine control unit

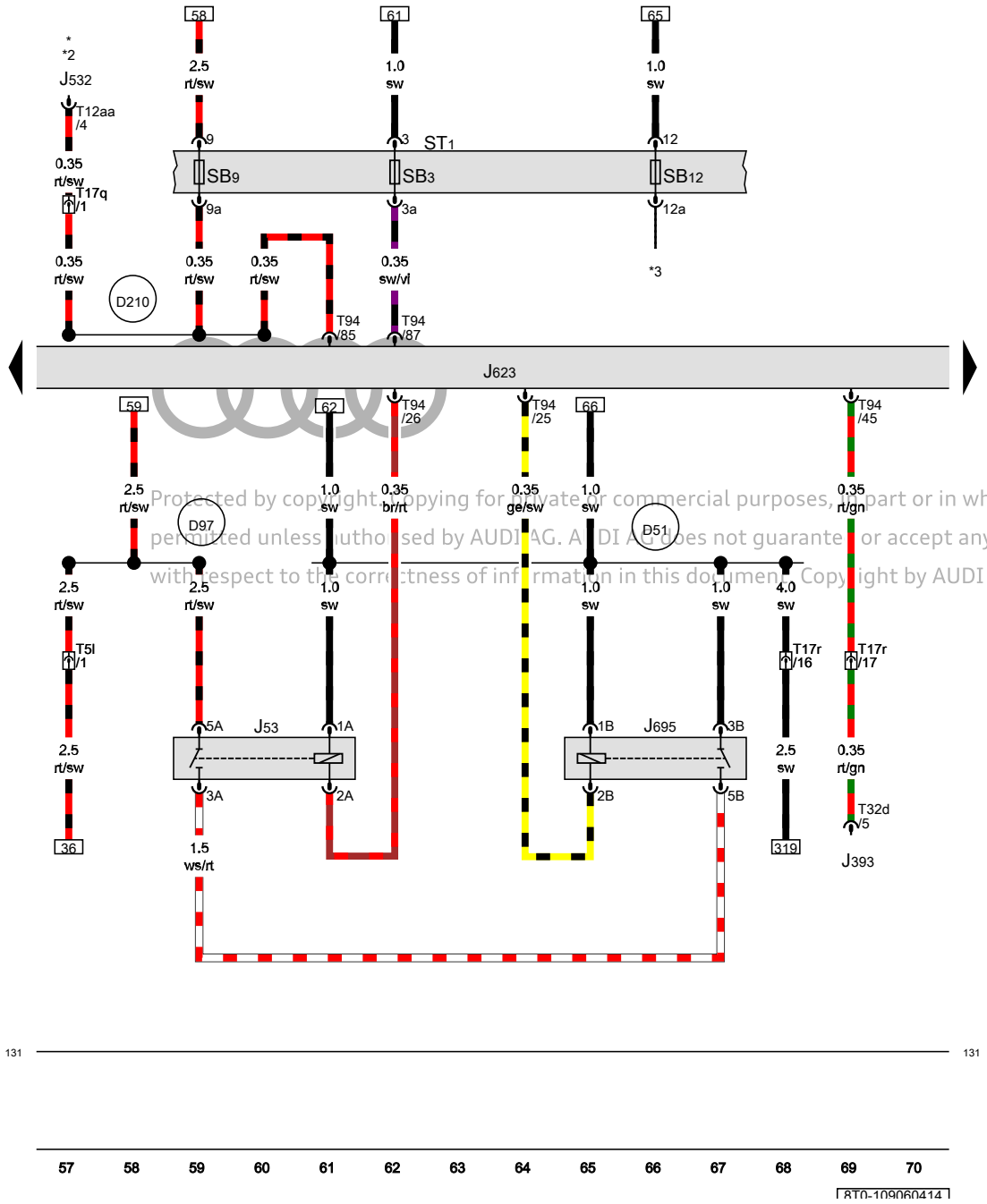
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness



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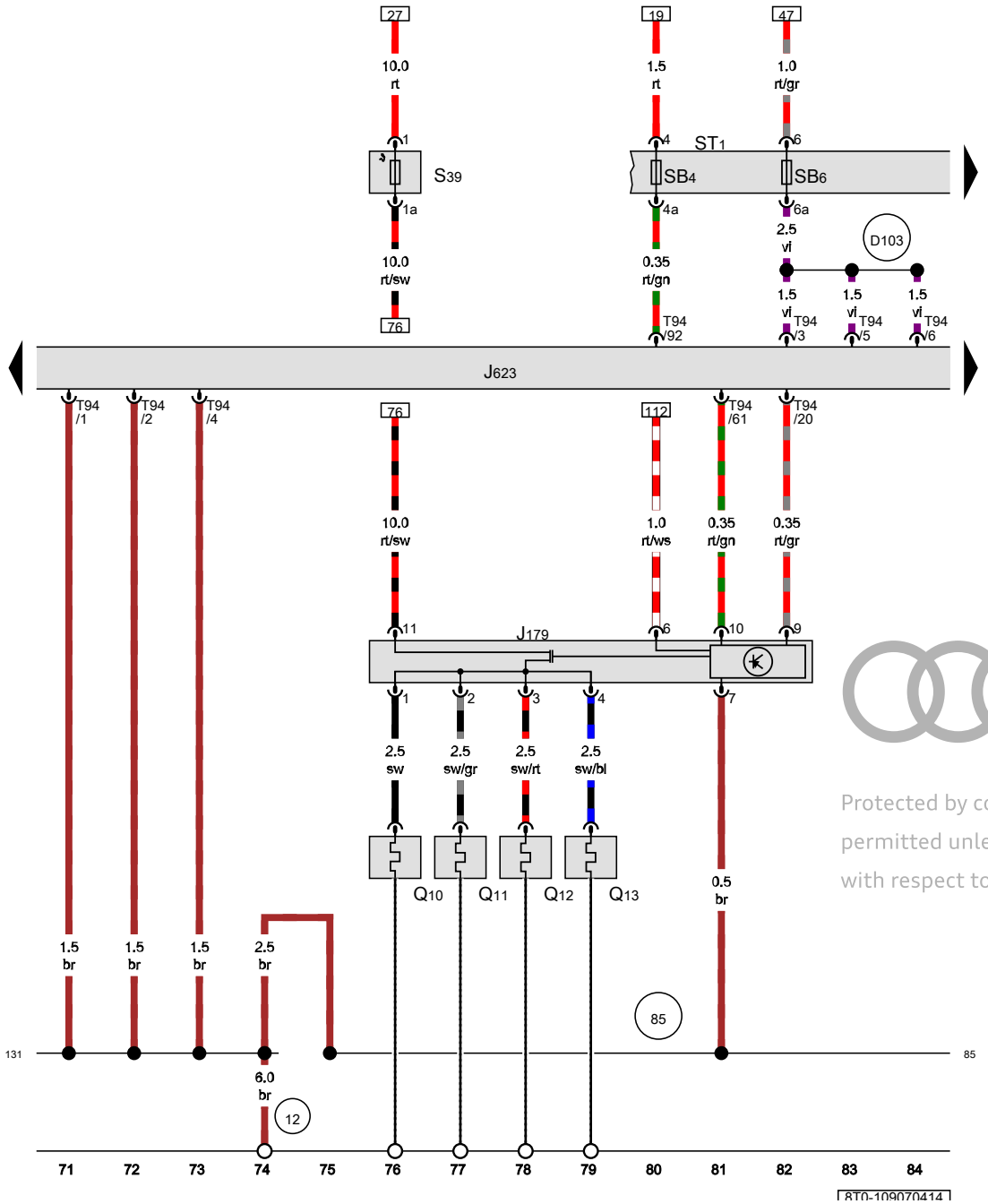


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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
T1	Single connector
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram
*3	see applicable current flow diagram for automatic gearbox

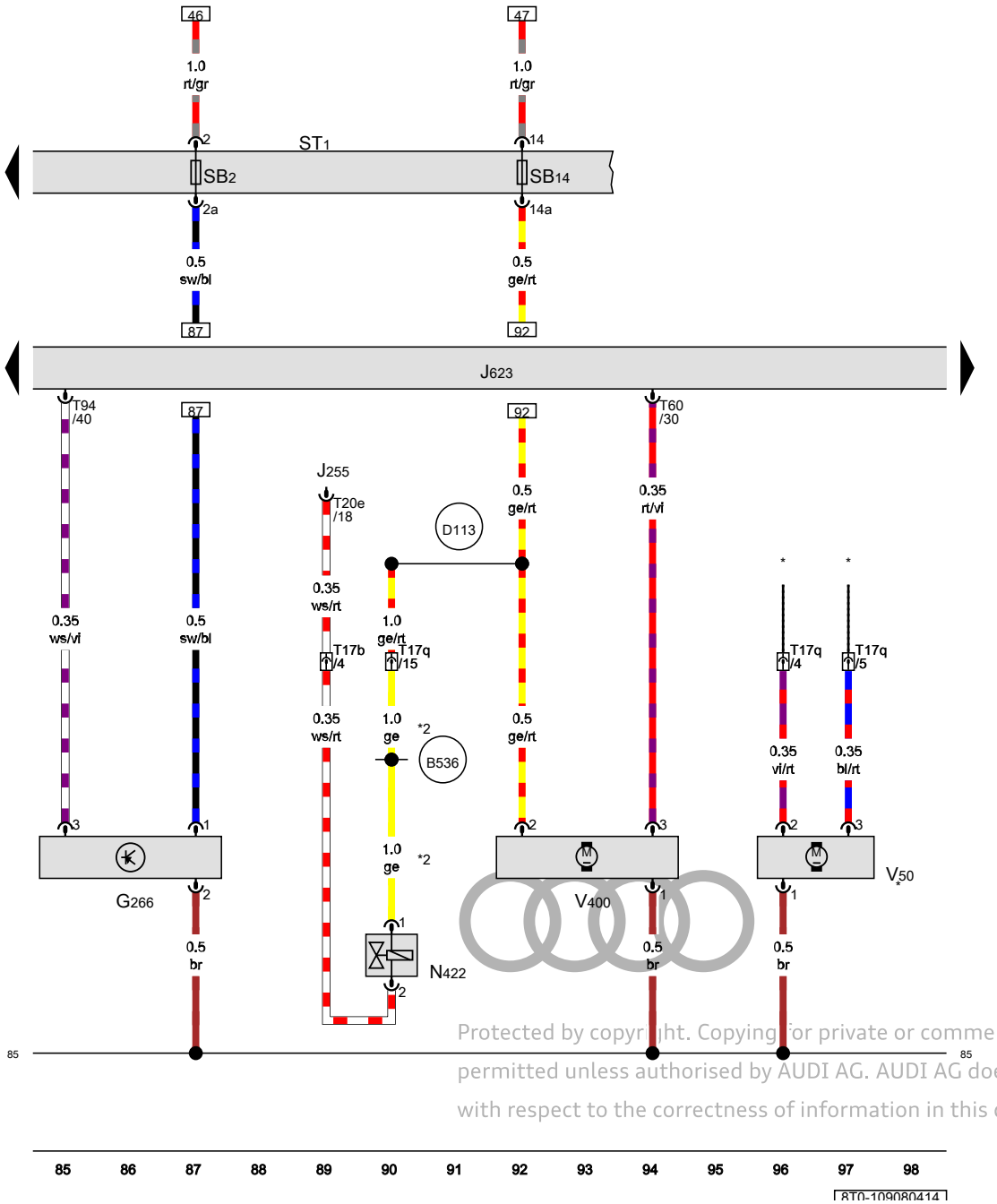


Automatic glow period control unit, Engine control unit

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness

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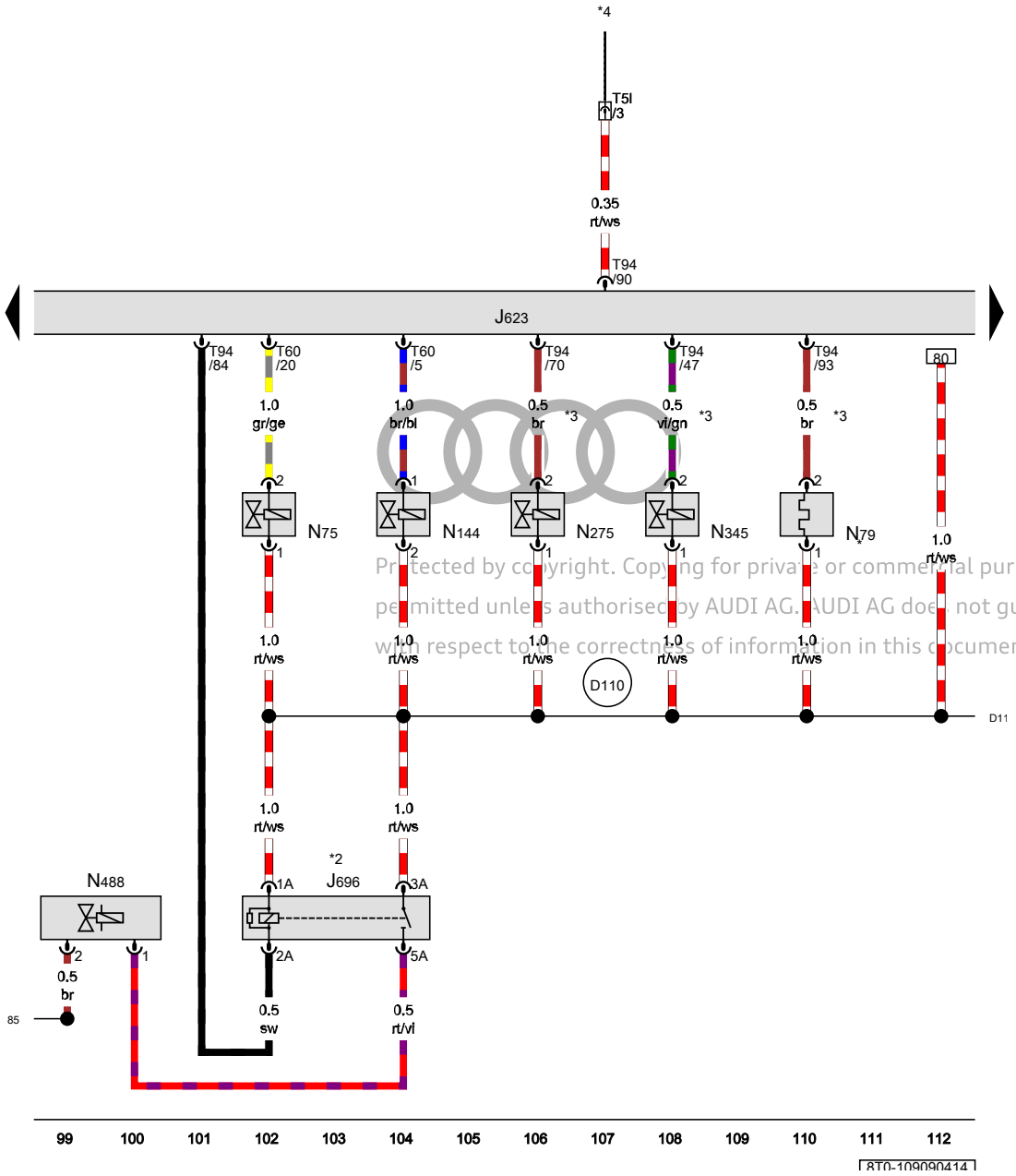


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Oil level and oil temperature sender, Engine control unit, Climatronic coolant shut-off valve, Coolant circulation pump, Pump for exhaust gas recirculation cooler

G266	Oil level and oil temperature sender
J255	Climatronic control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB14	Fuse 14 on fuse holder B
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
V400	Pump for exhaust gas recirculation cooler
85	Earth connection 1, in engine compartment wiring harness
B536	Connection 27, in main wiring harness
D113	Connection 11 in engine compartment wiring harness
*	see applicable current flow diagram for air conditioning
*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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or	=	orange
rs	=	pink

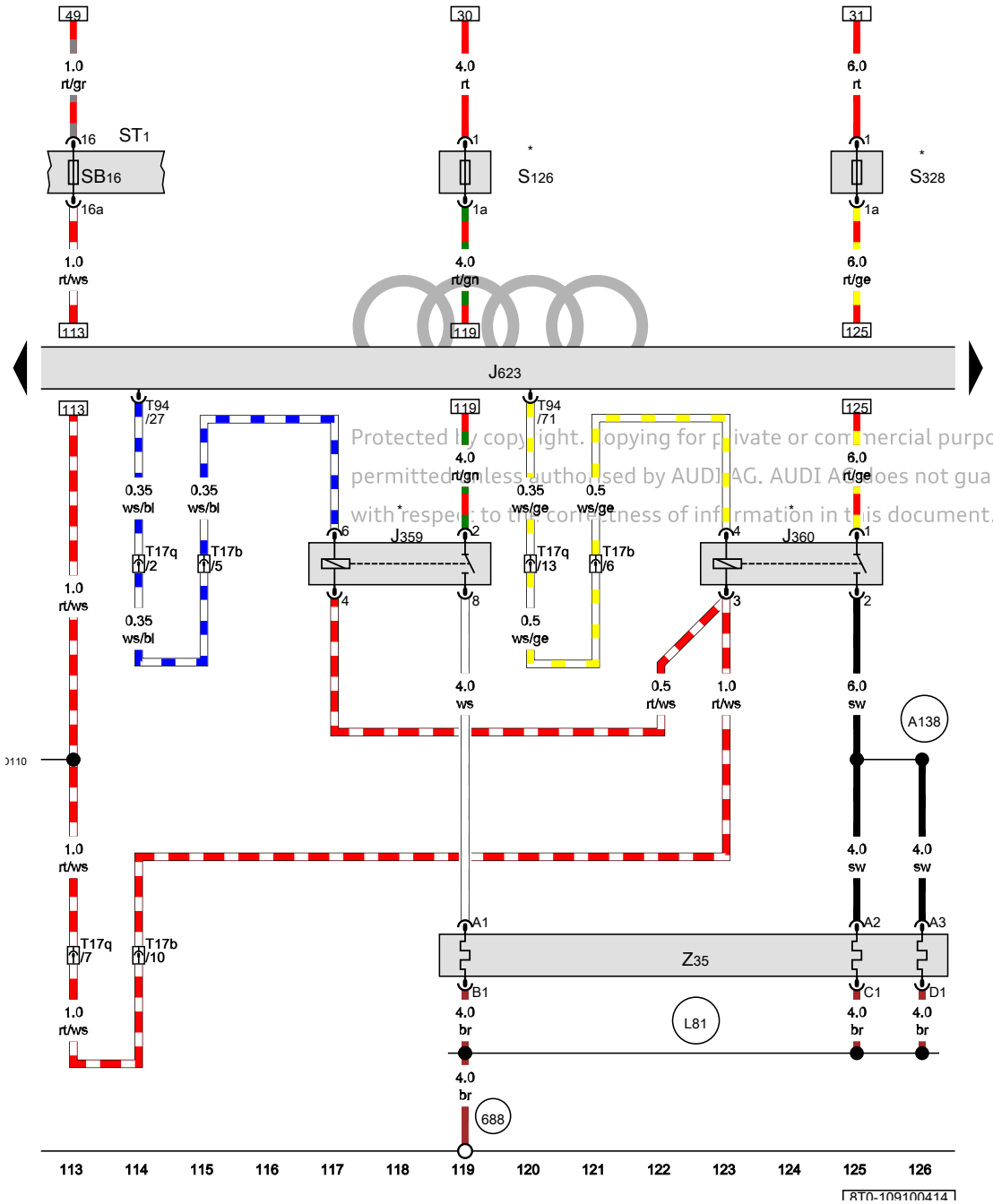


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Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Left electrohydraulic engine mounting solenoid valve, Air filter bypass flap valve, Exhaust gas recirculation cooler changeover valve

J623	Engine control unit
J696	Gearbox cooling circuit relay
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
N144	Left electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
N488	Coolant valve for gearbox
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	Only models with manual gearbox
*3	Cross section depends on equipment
*4	see applicable current flow diagram for radiator fan

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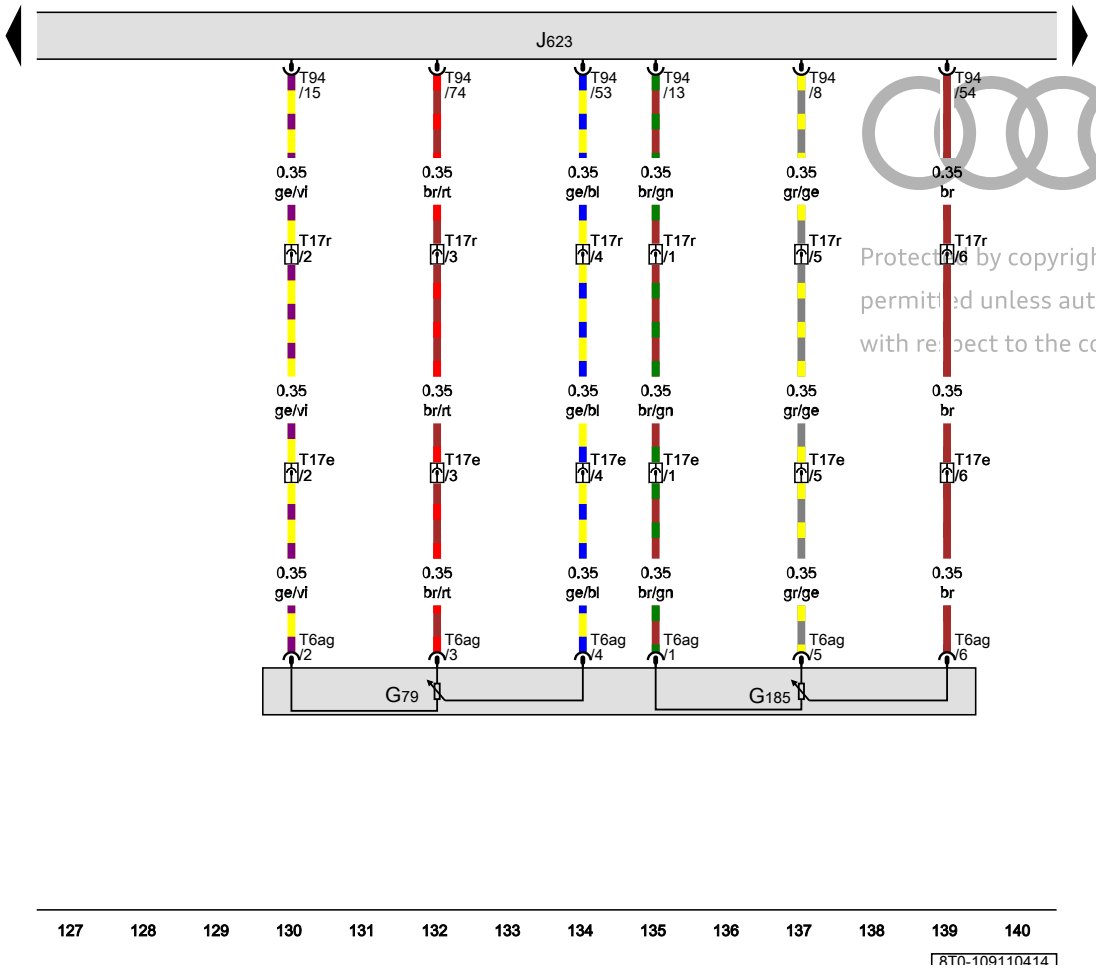
Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector

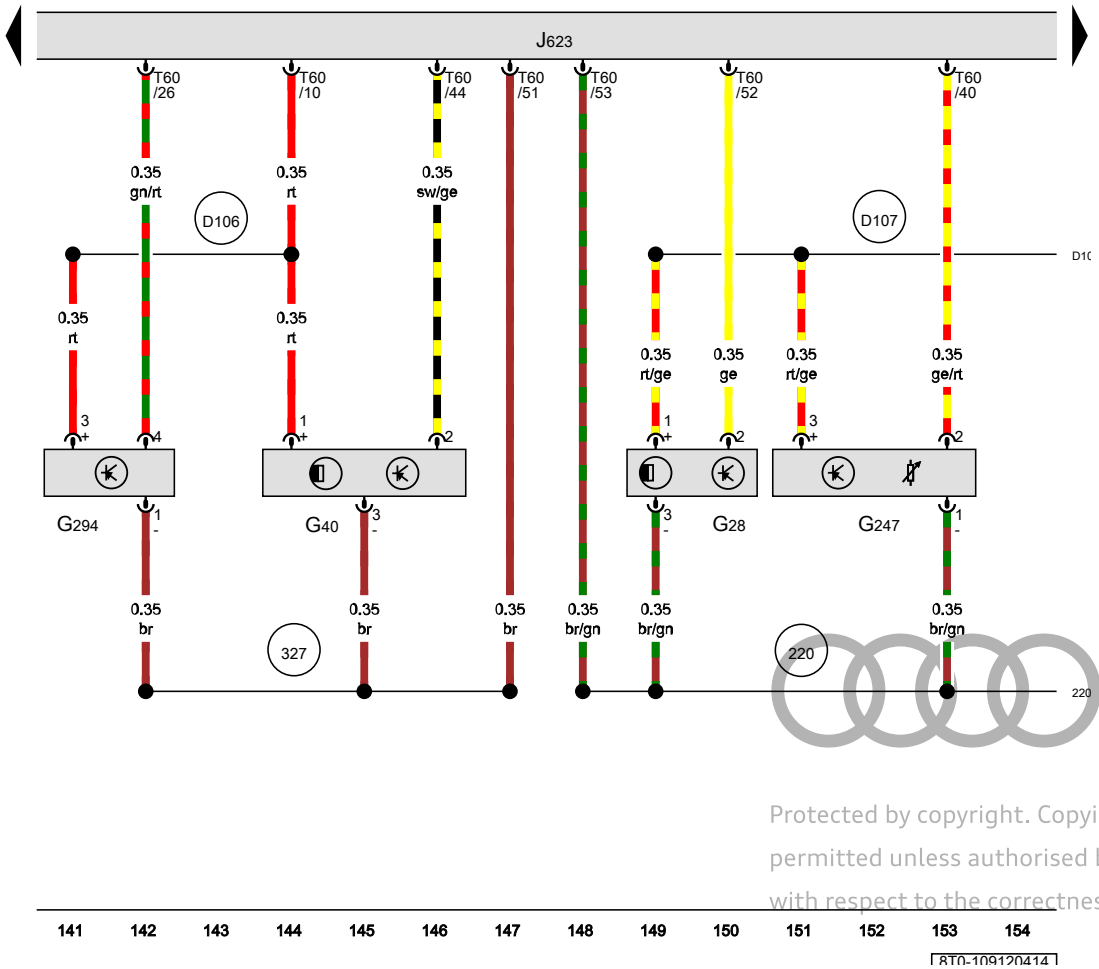


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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Engine speed sender, Hall sender, Fuel pressure sender, Brake servo pressure sensor, Engine control unit

G28	Engine speed sender
G40	Hall sender
G247	Fuel pressure sender
G294	Brake servo pressure sensor
J623	Engine control unit
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



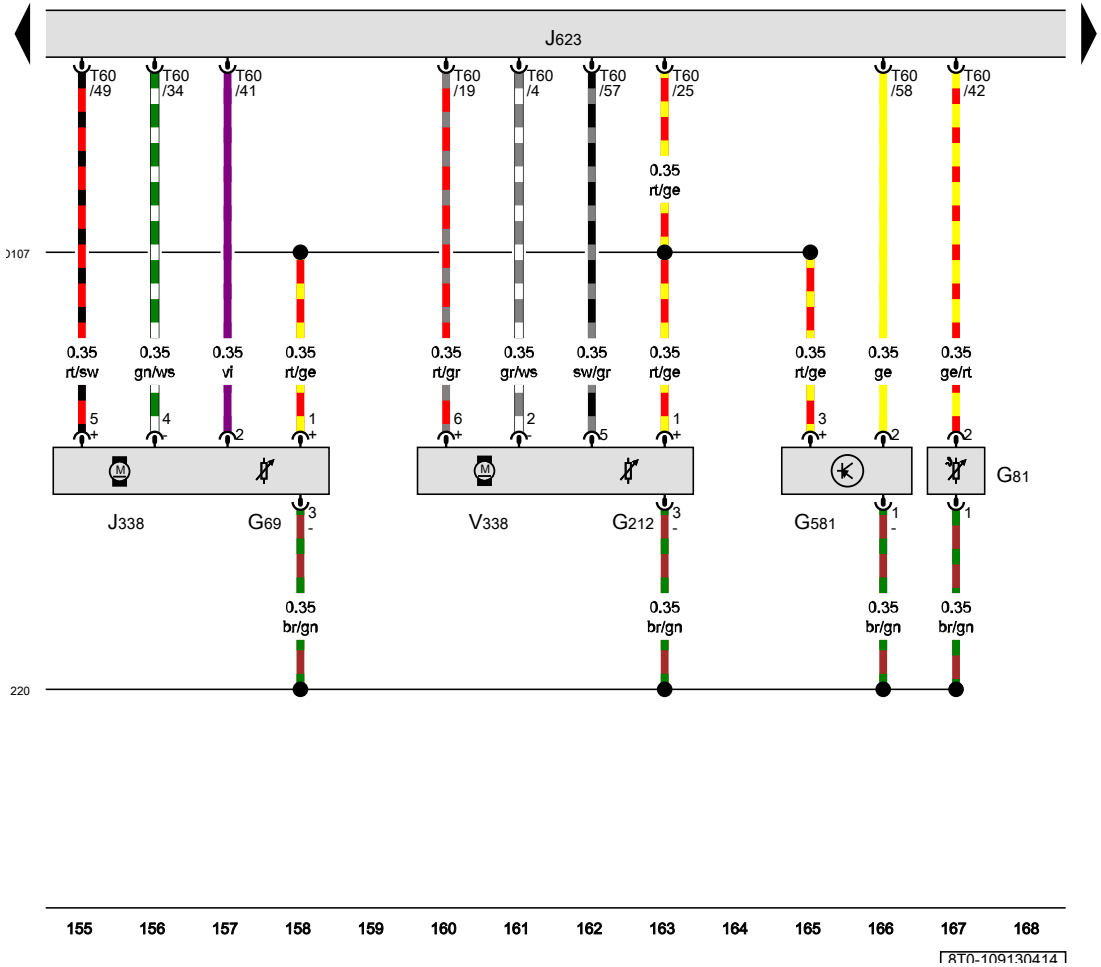
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Throttle valve potentiometer, Fuel temperature sender, Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor

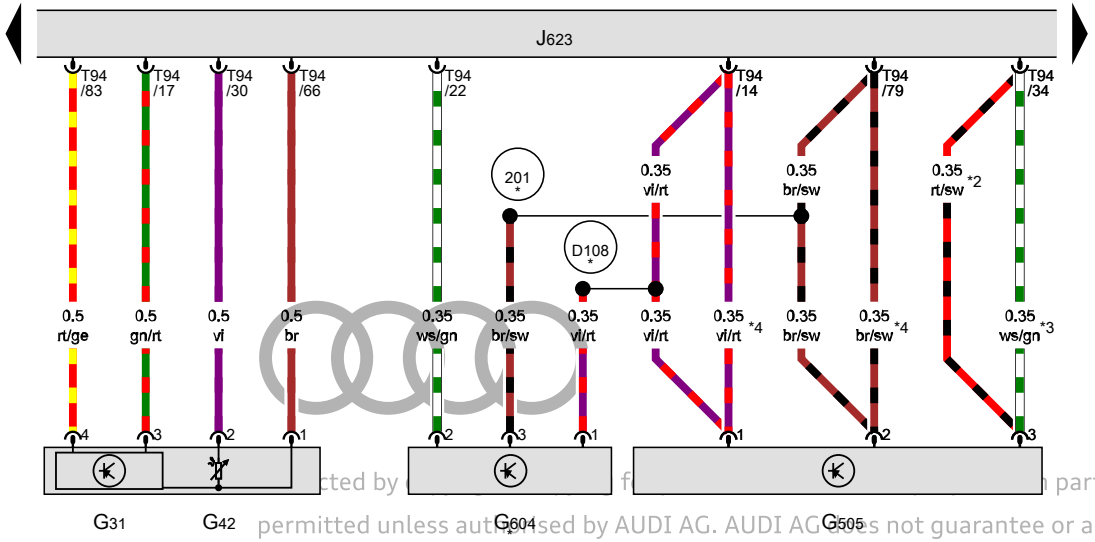
G69	Throttle valve potentiometer
G81	Fuel temperature sender
G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
T60	60-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



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or	=	orange
rs	=	pink

Charge pressure sender, Intake air temperature sender, Pressure differential sender, Gear detection sensor, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G505	Pressure differential sender
G604	Gear detection sensor
J623	Engine control unit
T94	94-pin connector
201	Earth connection 5, in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with manual gearbox
*2	From May 2012
*3	Gradually discontinued
*4	Only models with automatic gearbox

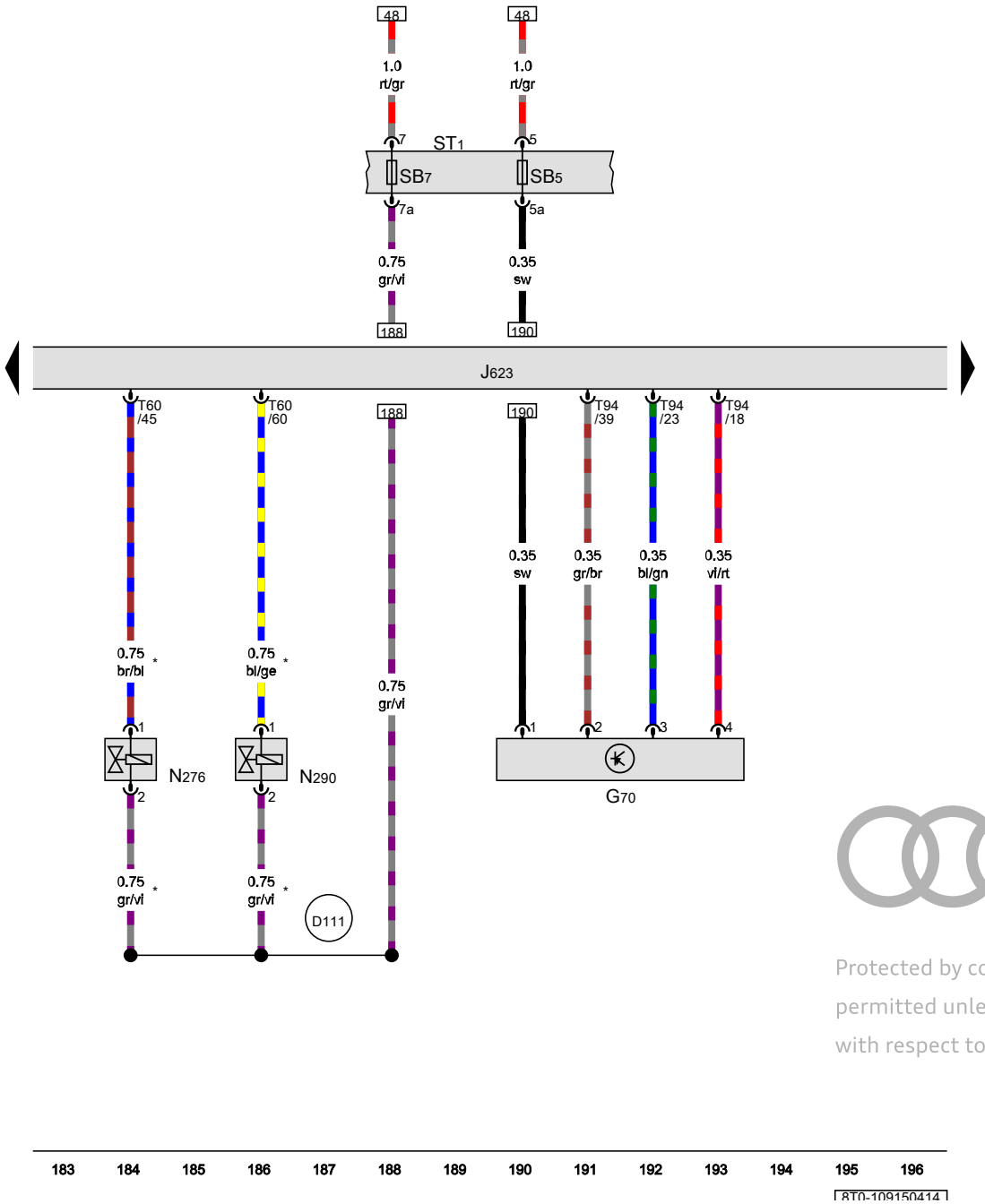


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169 170 171 172 173 174 175 176 177 178 179 180 181 182

8T0-109140414



Air mass meter, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
*	Cross section depends on equipment

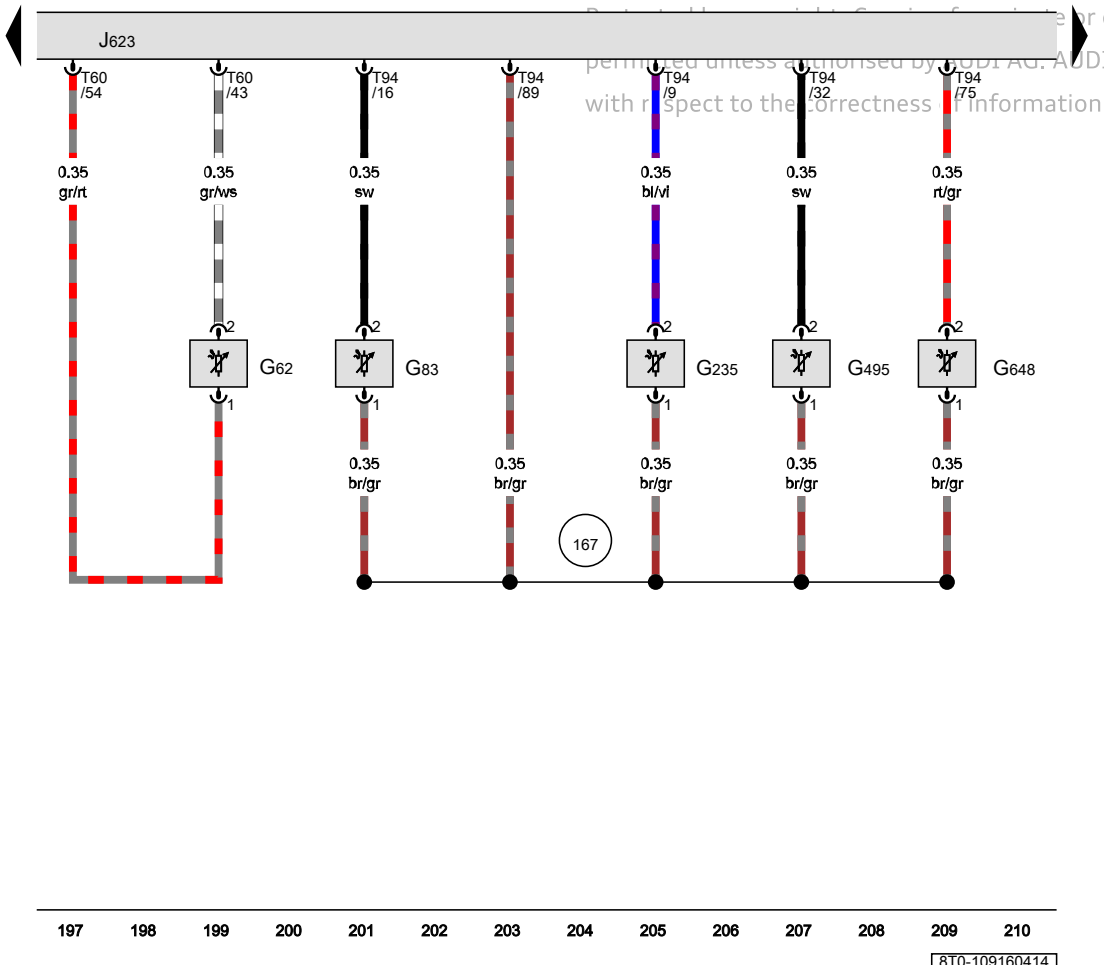
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or	=	orange
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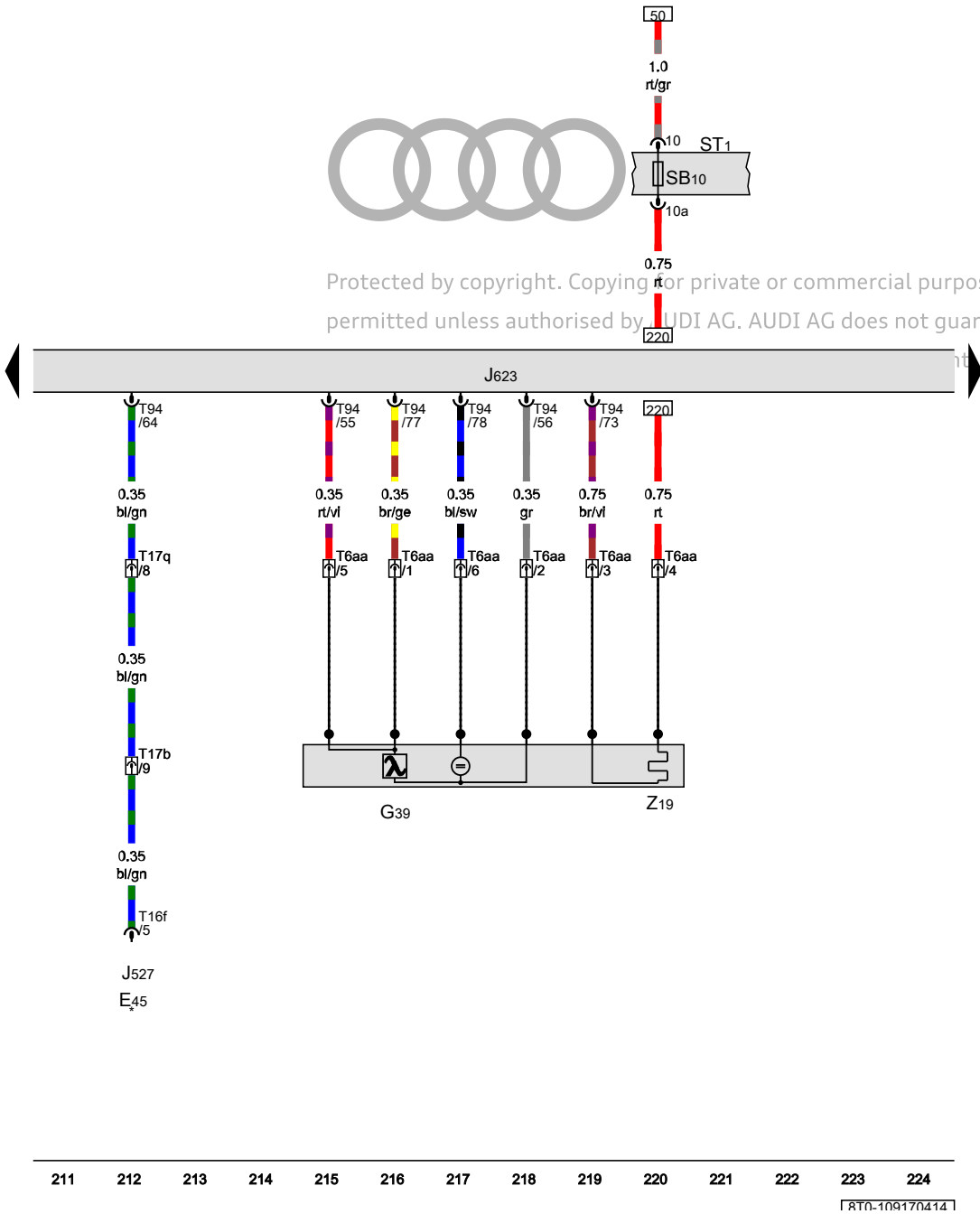
Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness

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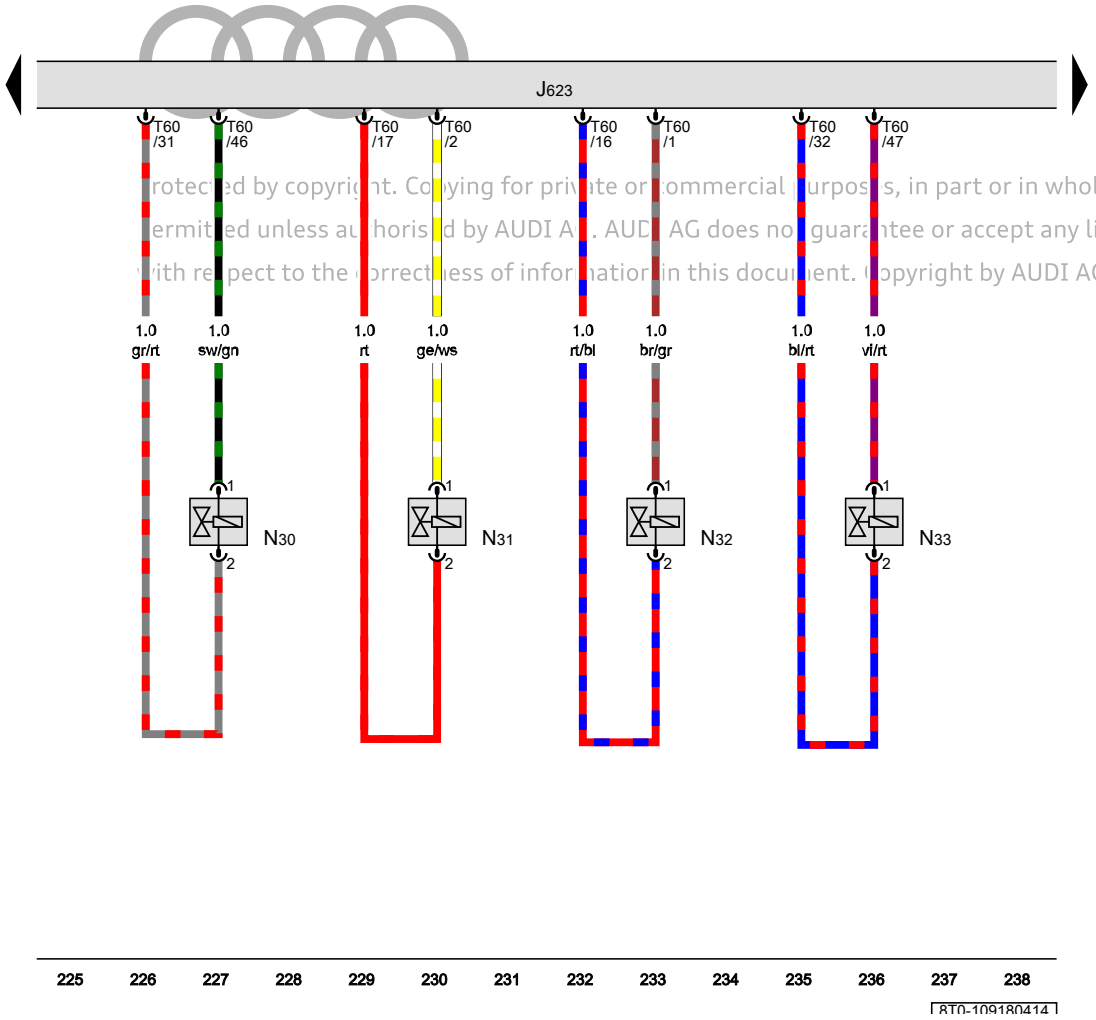
Lambda probe, Engine control unit

E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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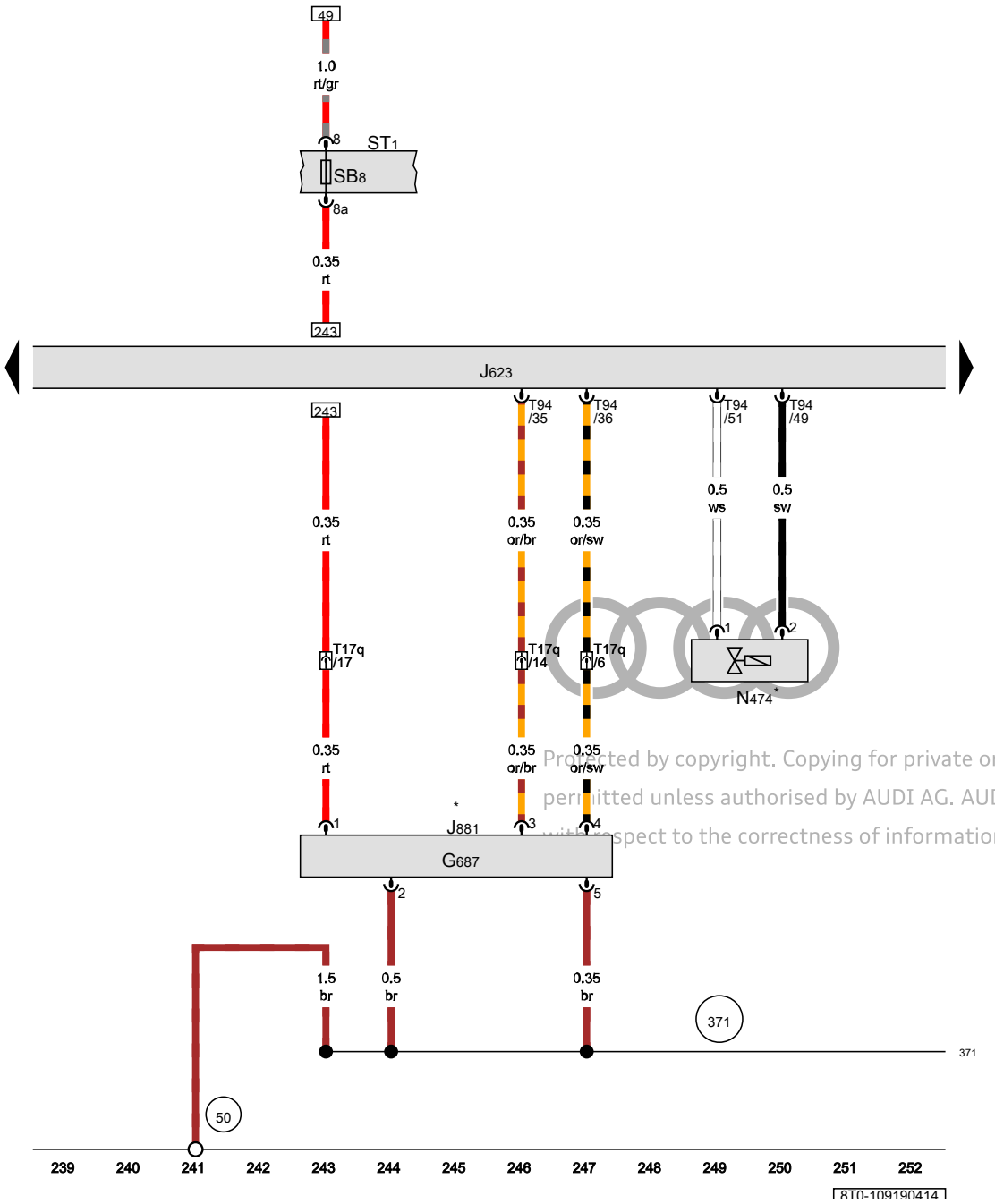
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector



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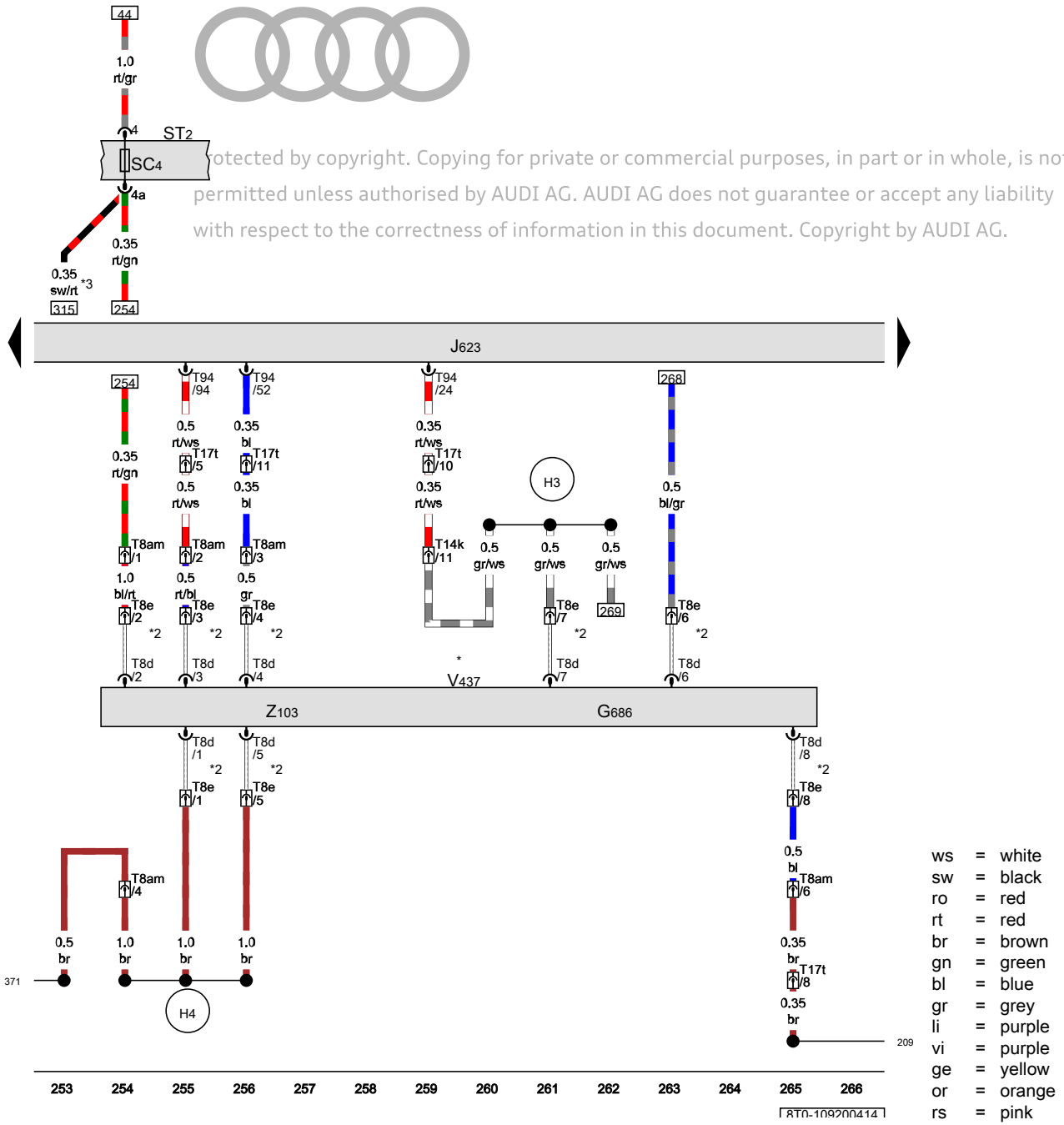


NOx sender 2, Engine control unit, Control unit for NOx sender 2

G687	NOx sender 2
J623	Engine control unit
J881	Control unit for NOx sender 2
N474	Injector for reducing agent
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T17q	17-pin connector, red
T94	94-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
*	Only models with reducing agent metering system

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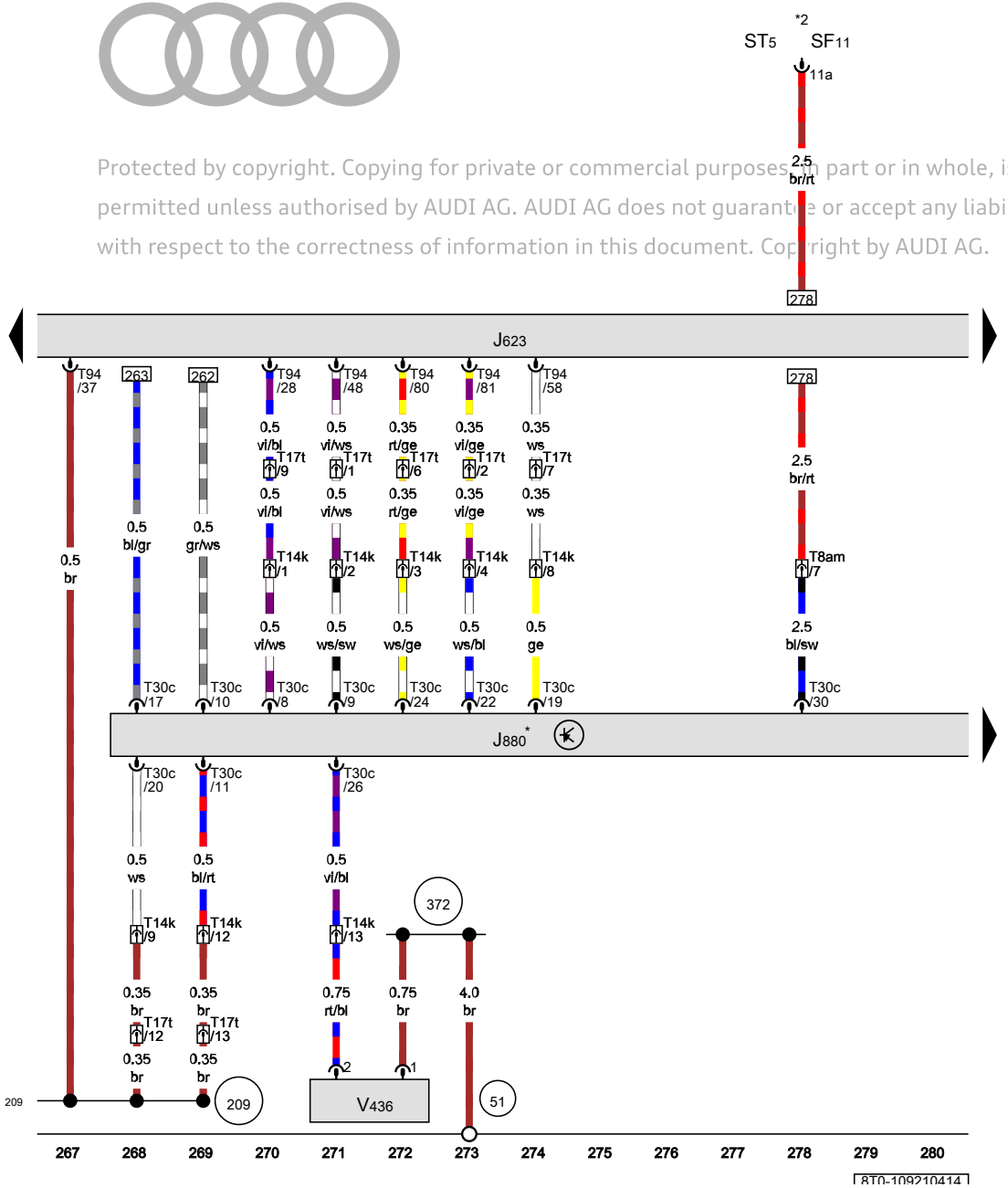
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Engine control unit, Pump for reducing agent

G686	Pressure sender for reducing agent metering system
J623	Engine control unit
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T8am	8-pin connector, black
T8d	8-pin connector
T8e	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T94	94-pin connector
V437	Pump for reducing agent
Z103	Heater for reducing-agent pump (heater circuit 2)
209	Earth connection 6, in engine compartment wiring harness
371	Earth connection 6, in main wiring harness
H3	Connection 1 in wiring harness for reducing-agent tank
H4	Connection 2 in wiring harness for reducing-agent tank
*	Only models with reducing agent metering system
*2	Adapter wire
*3	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
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Engine control unit, Control unit for reducing agent metering system

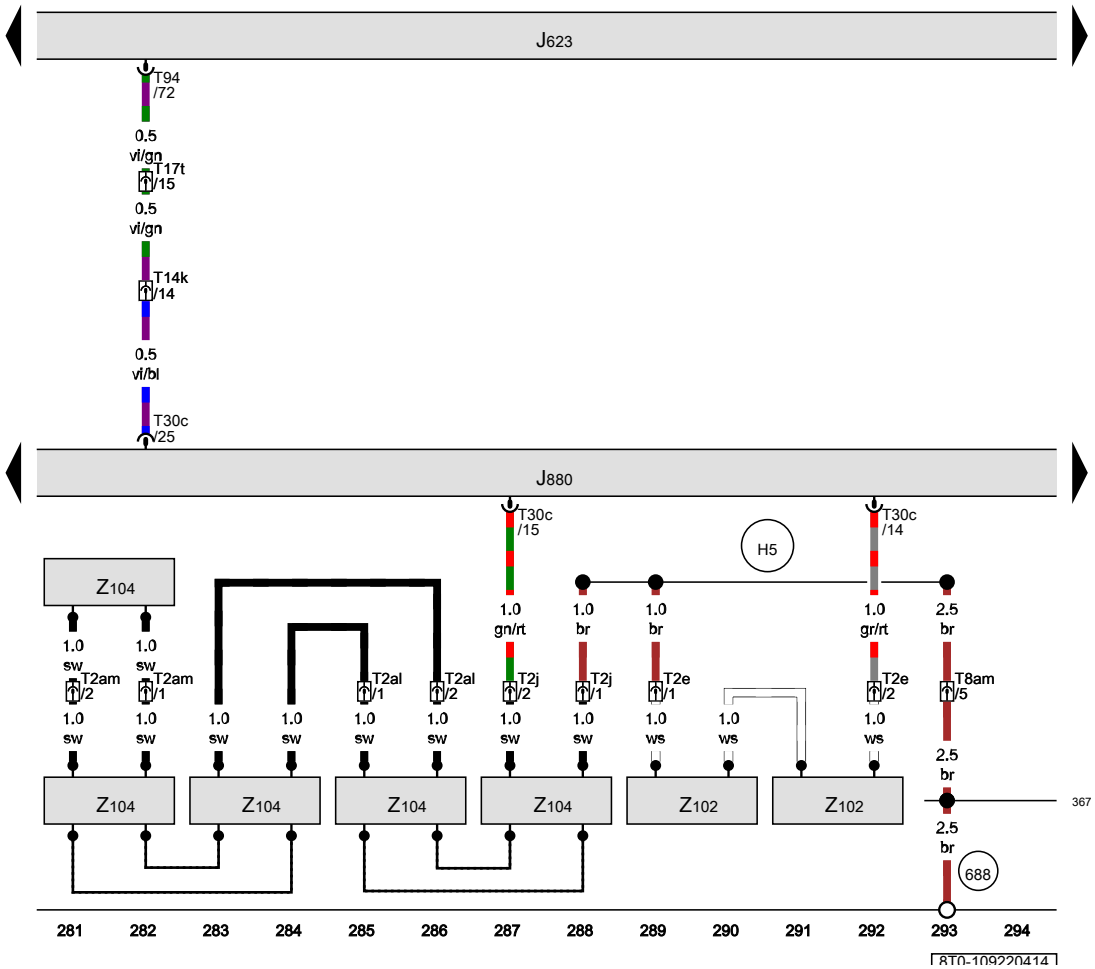
J623	Engine control unit
J880	Control unit for reducing agent metering system
ST5	Fuse carrier 5
SF11	Fuse 11 in fuse holder F
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T30c	30-pin connector
T94	94-pin connector
V436	Transfer pump for reducing agent
51	Earth point, on right in luggage compartment
209	Earth connection 6, in engine compartment wiring harness
372	Earth connection 7, in main wiring harness
*	Only models with reducing agent metering system
*2	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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Engine control unit, Control unit for reducing agent metering system, Heater for reducing-agent tank (heater circuit 1), Heater for reducing-agent line (heater circuit 2)

J623	Engine control unit
J880	Control unit for reducing agent metering system
T2al	2-pin connector, brown
T2am	2-pin connector, orange
T2e	2-pin connector, black
T2j	2-pin connector, black
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T30c	30-pin connector
T94	94-pin connector
Z102	Heater for reducing-agent tank (heater circuit 1)
Z104	Heater for reducing-agent line (heater circuit 2)
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
H5	Connection 3 in wiring harness for reducing-agent tank

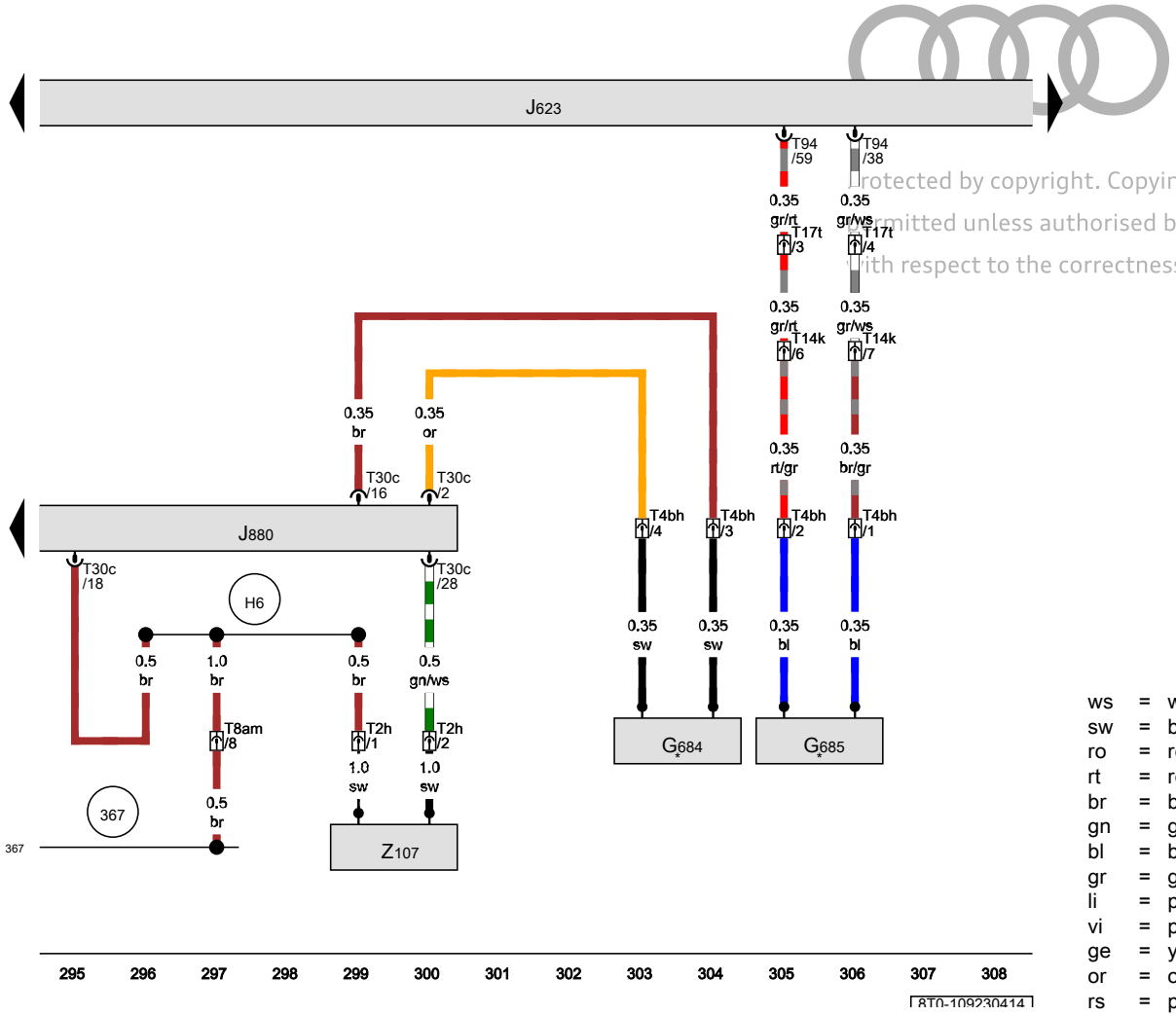


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gn	=	green
bl	=	blue
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rs	=	pink

Tank sender for reducing agent, Temperature sender for reducing agent, Engine control unit, Control unit for reducing agent metering system

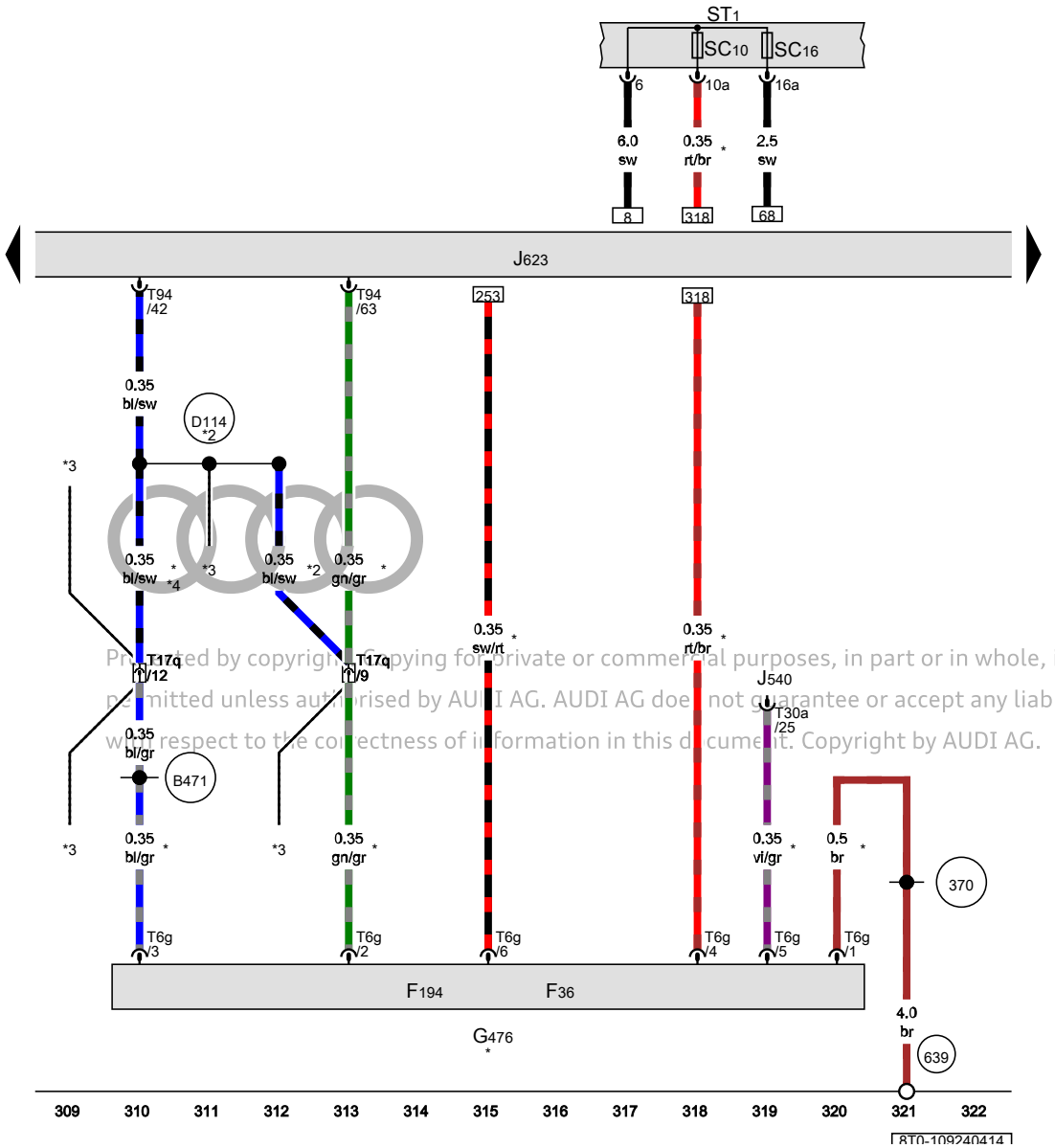
G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
J623	Engine control unit
J880	Control unit for reducing agent metering system
T2h	2-pin connector
T4bh	4-pin connector, black
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T30c	30-pin connector
T94	94-pin connector
Z107	Heater for reducing-agent breather line
367	Earth connection 2, in main wiring harness
H6	Connection 4 in wiring harness for reducing-agent tank
*	Only models with reducing agent metering system

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gn	=	green
bl	=	blue
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Clutch position sender, Engine control unit

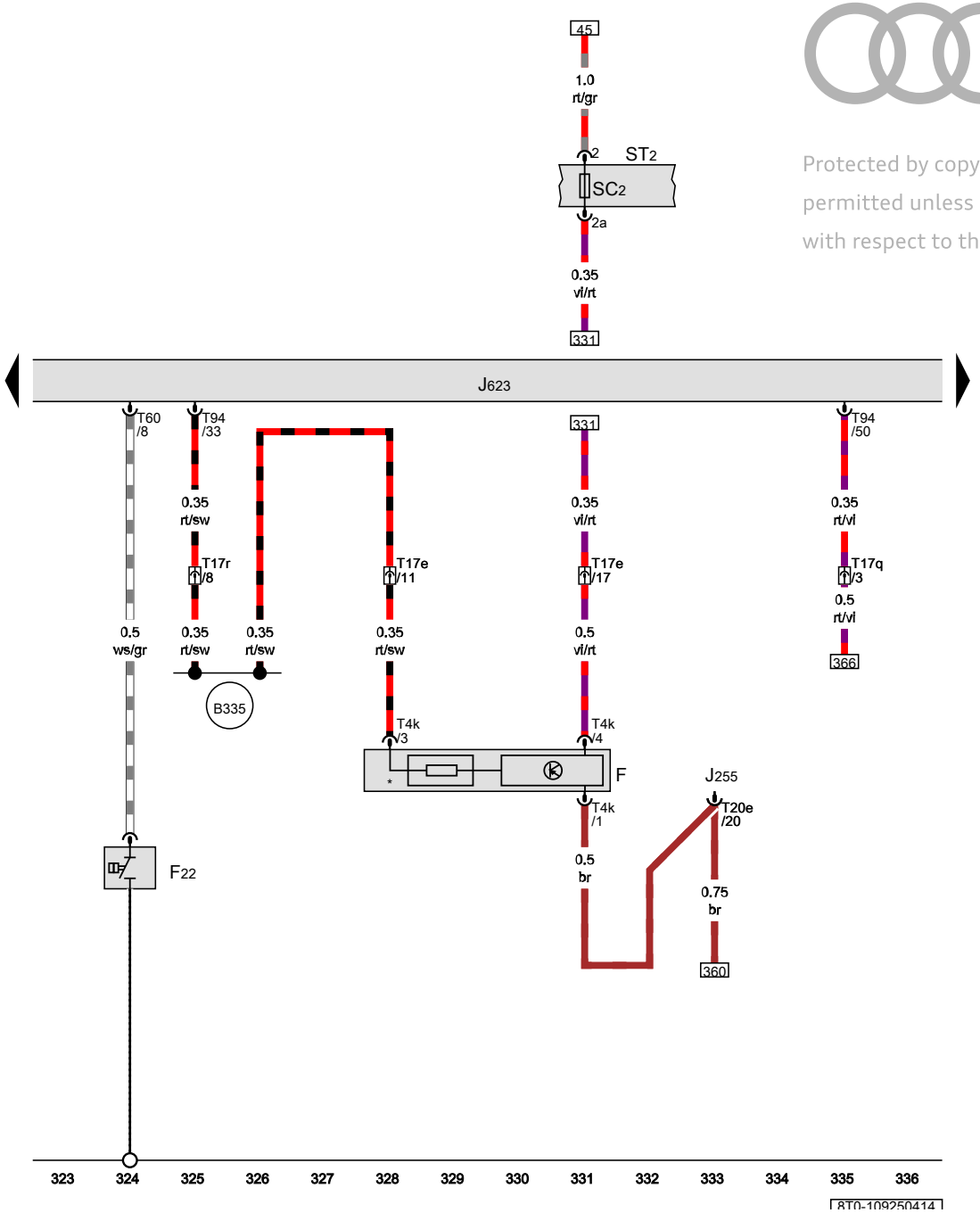


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F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox
*4	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

Brake light switch, Oil pressure switch, Engine control unit



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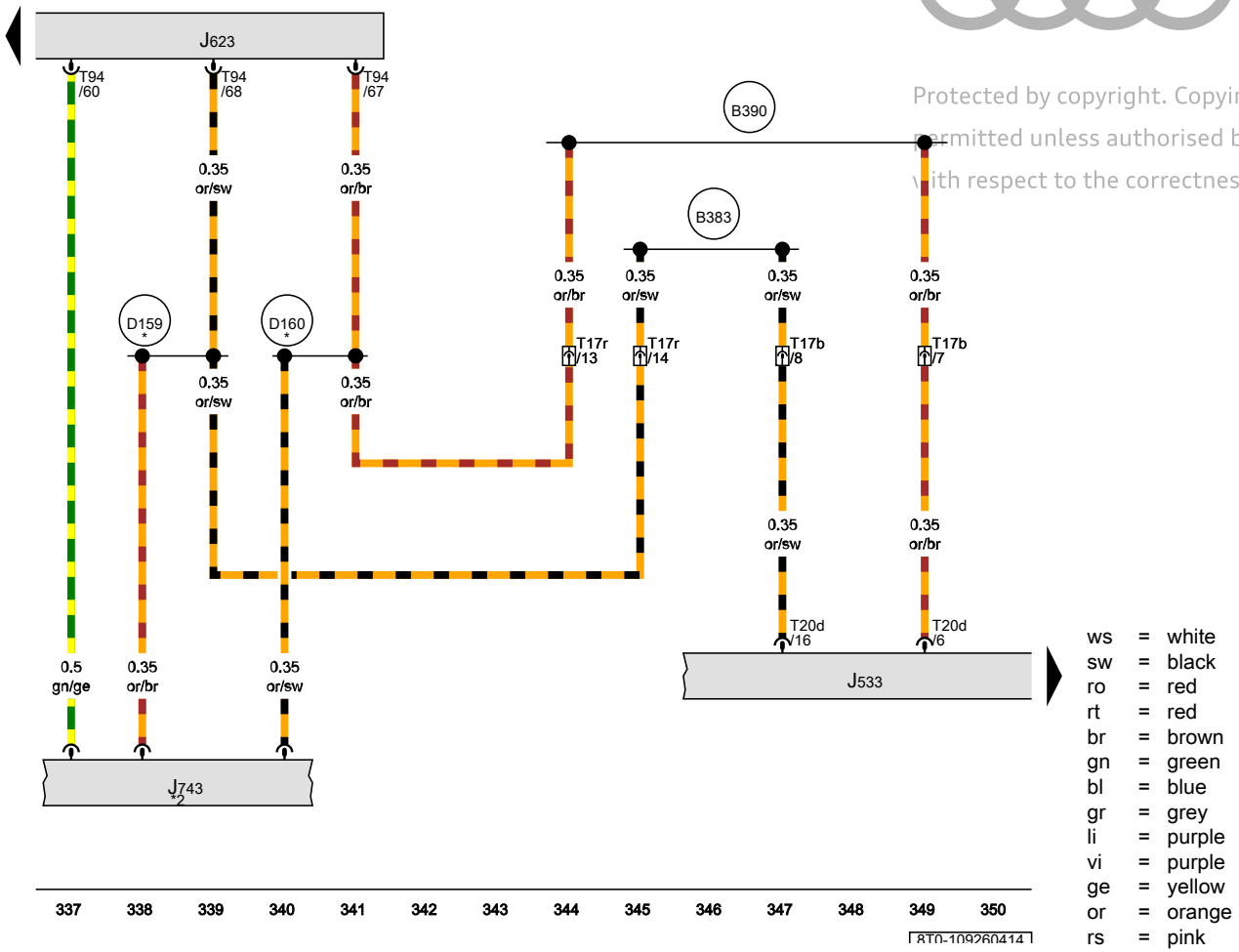
F	Brake light switch
F22	Oil pressure switch
J255	Climatronic control unit
J623	Engine control unit
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, black
T17r	17-pin connector, white
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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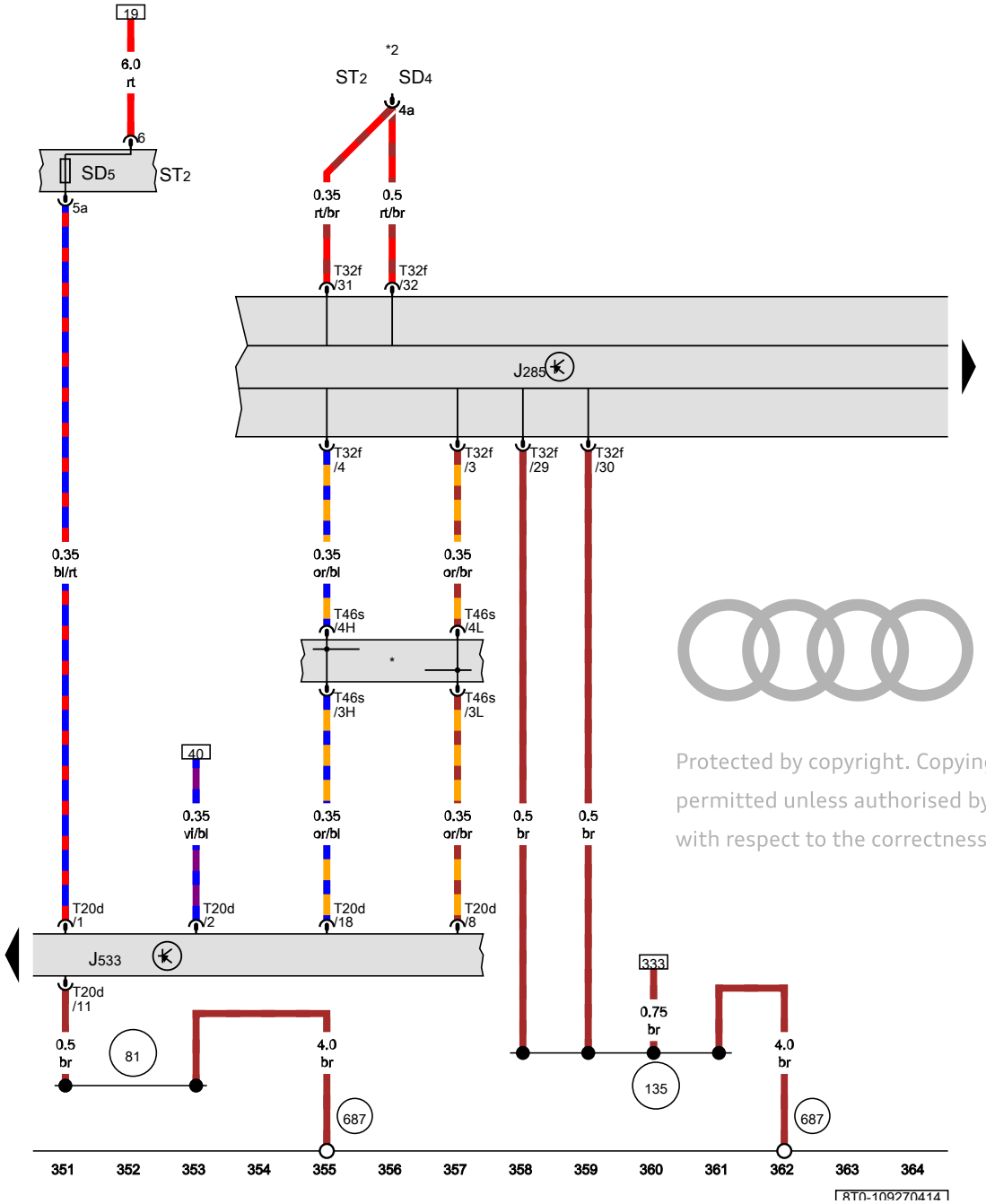
Data bus diagnostic interface, Engine control unit

J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

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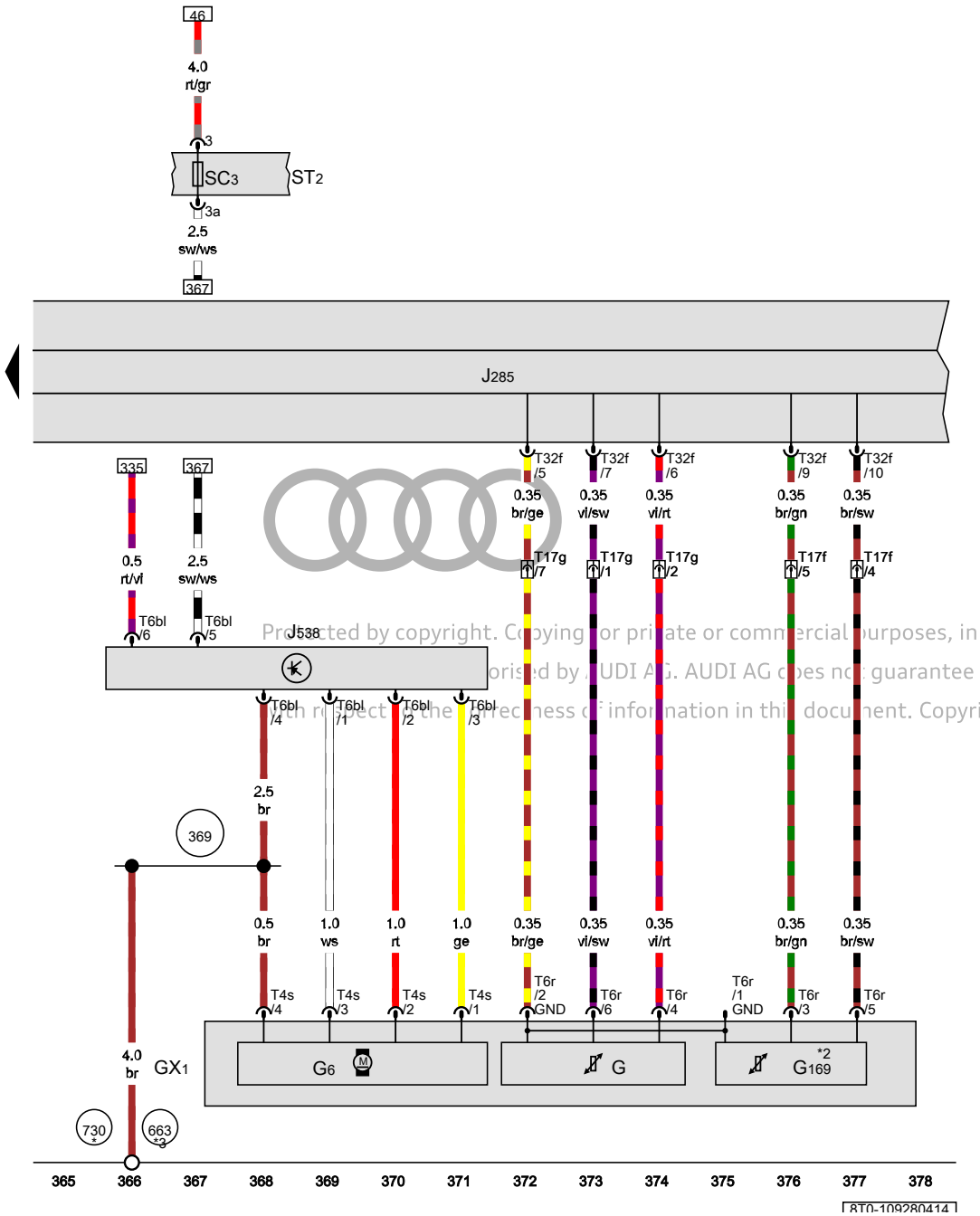


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment

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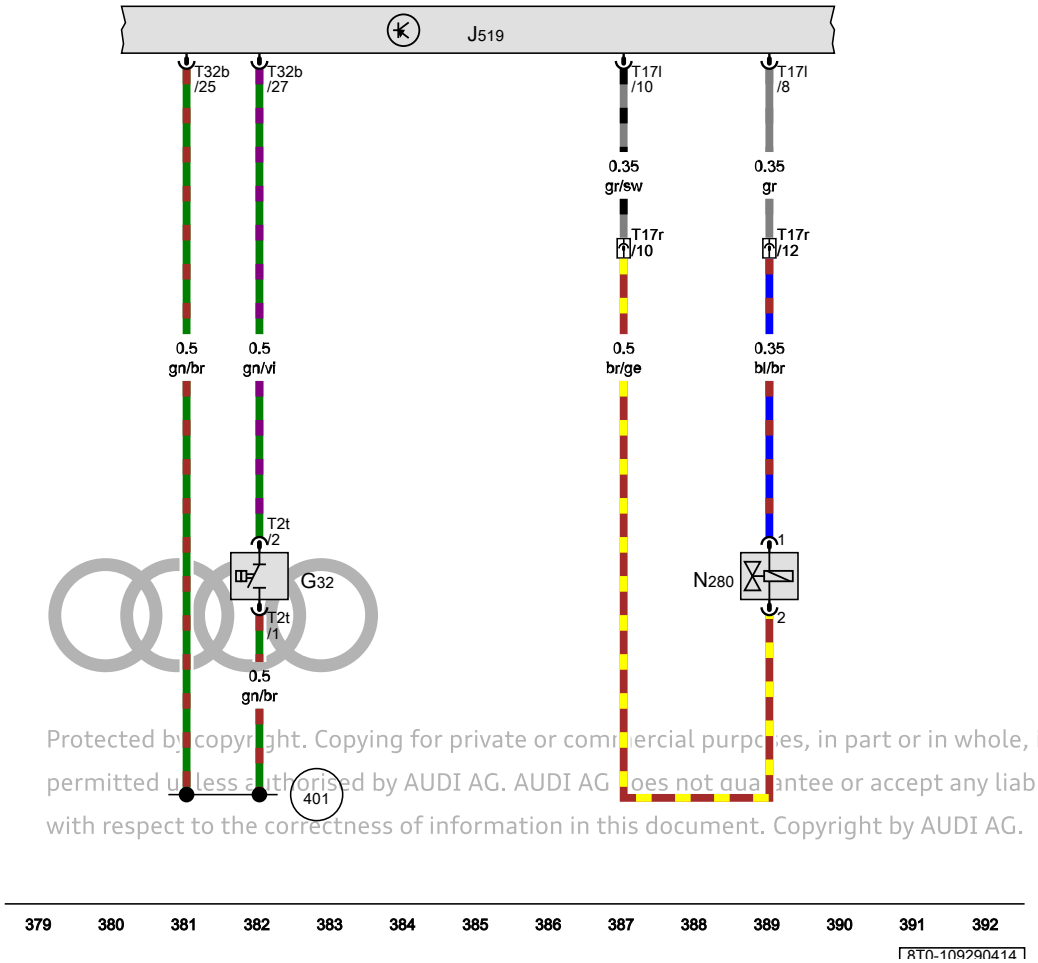
Fuel delivery unit, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with all-wheel drive
*3	Only models with 2-doors

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Coolant shortage indicator sender, Onboard supply control unit, Air conditioner compressor regulating valve

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



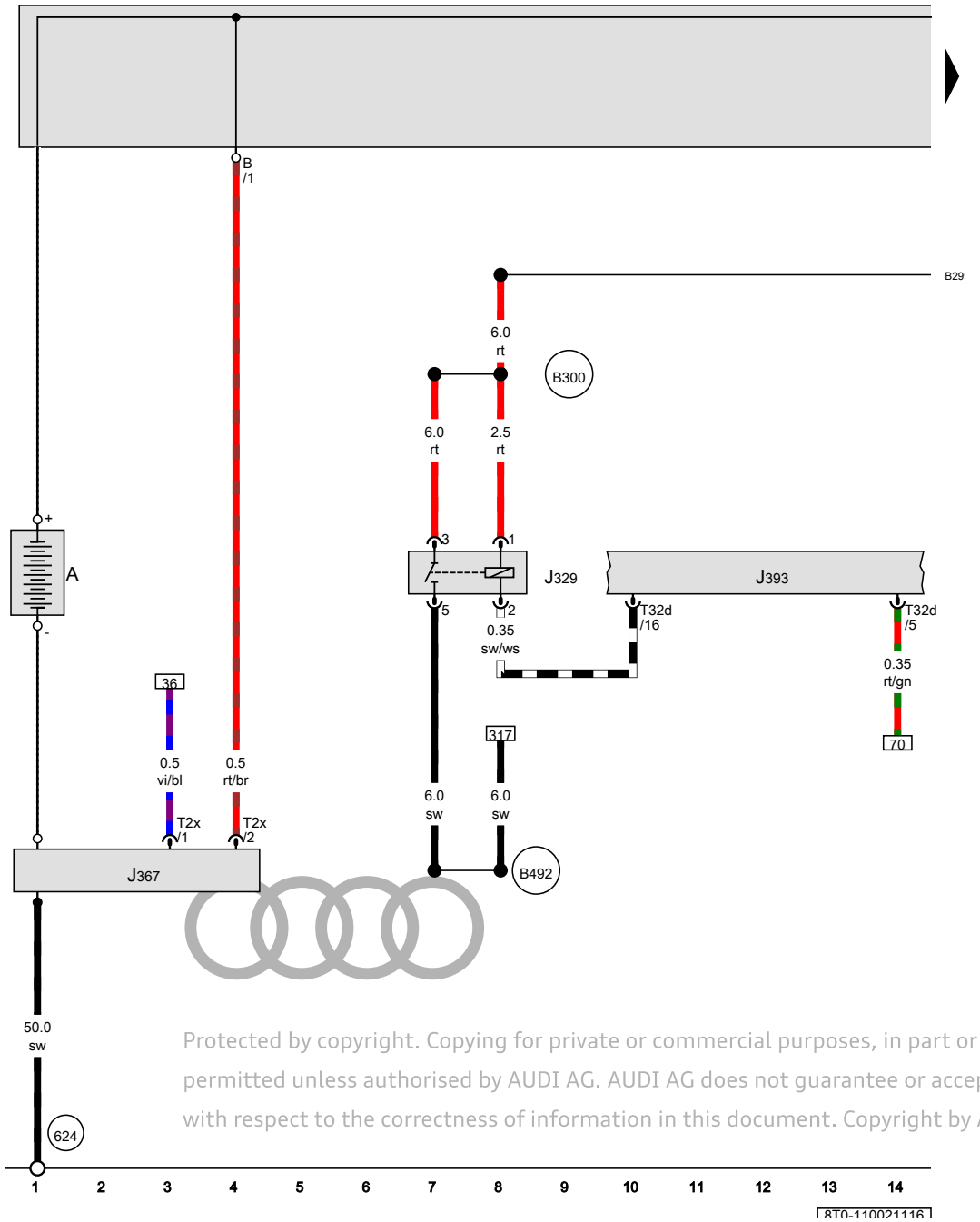
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3.0l diesel engine , CDUC,CKVB,CKVC,CKVD,CLAB

From August 2011

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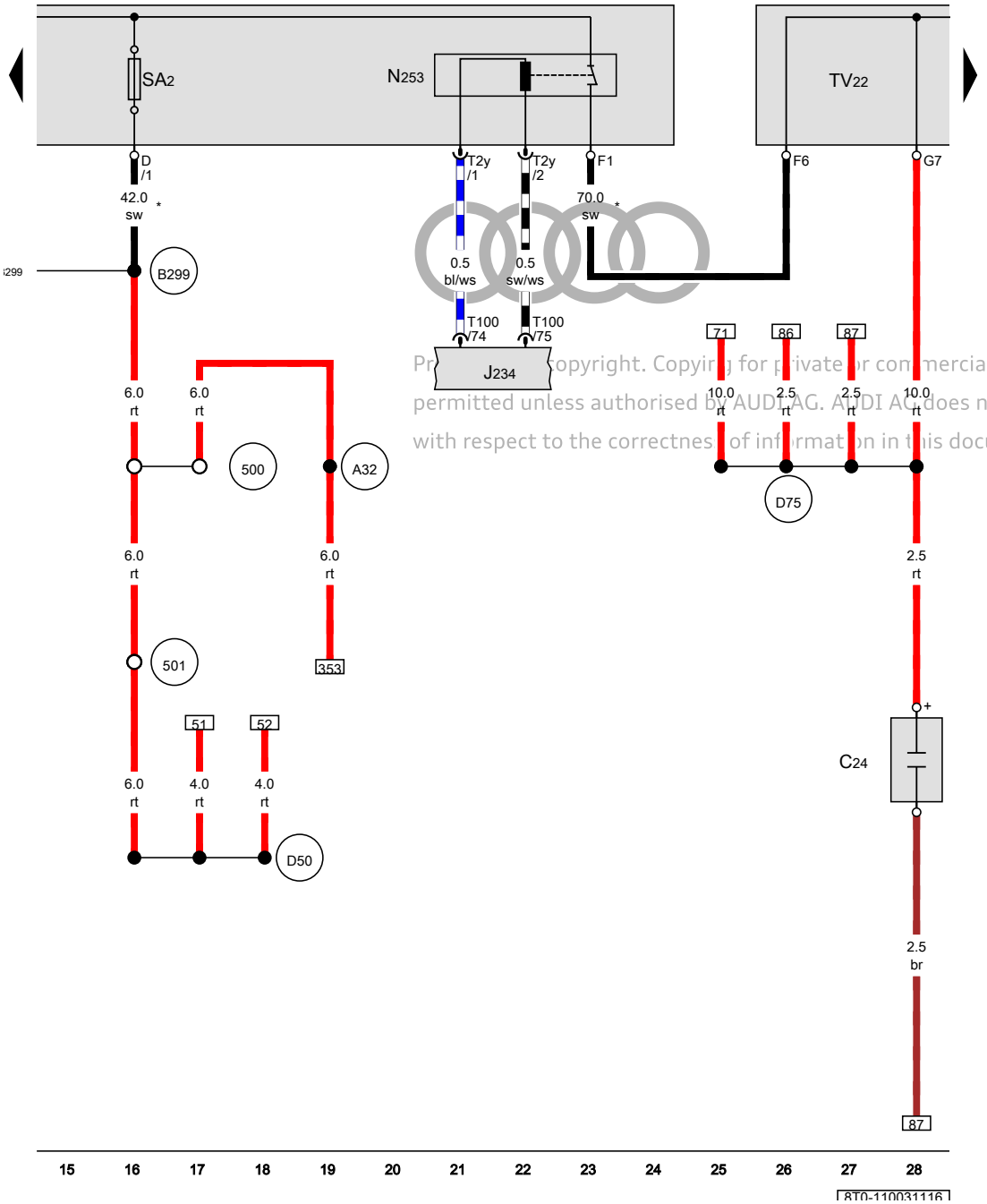


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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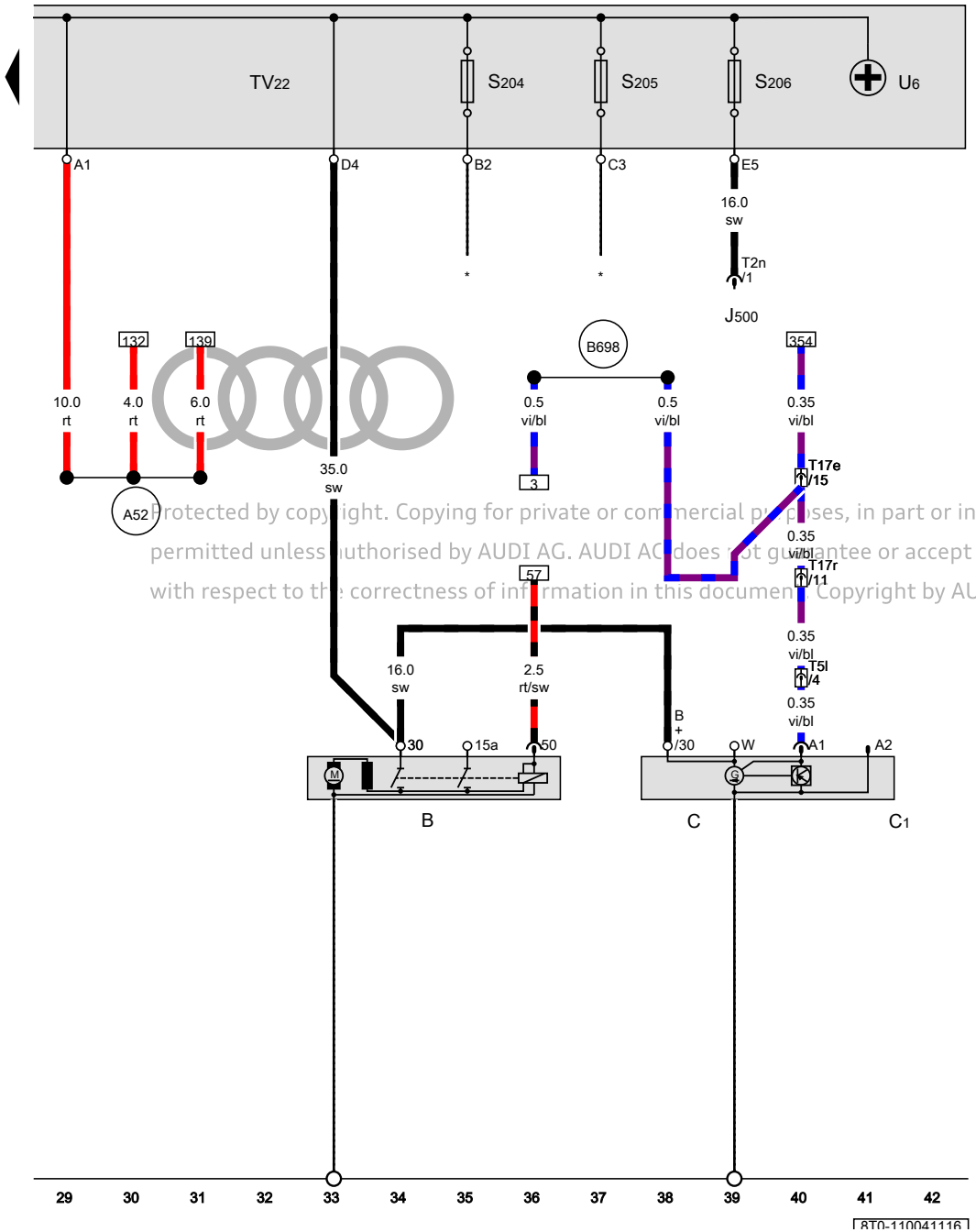


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Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 on fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	Cross section depends on equipment

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sw	=	black
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rt	=	red
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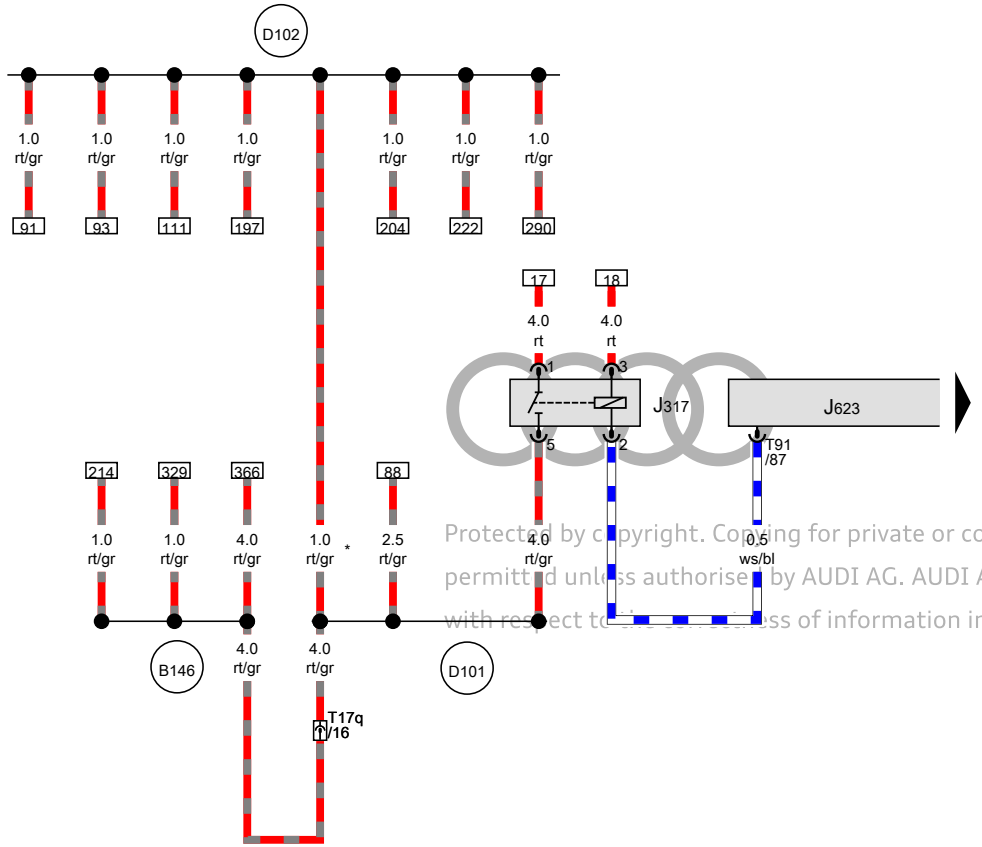
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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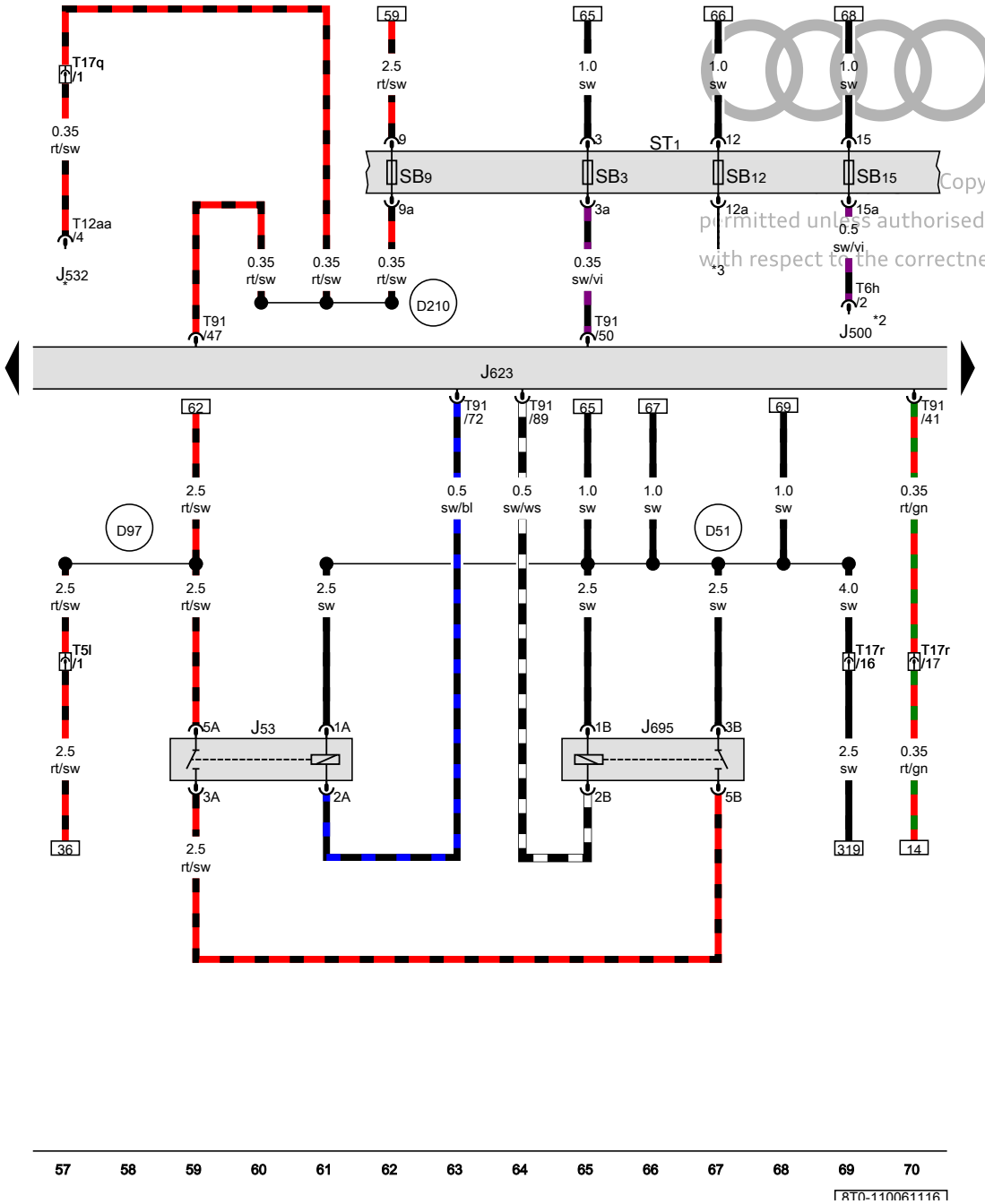
Terminal 30 voltage supply relay

J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	Cross section depends on equipment



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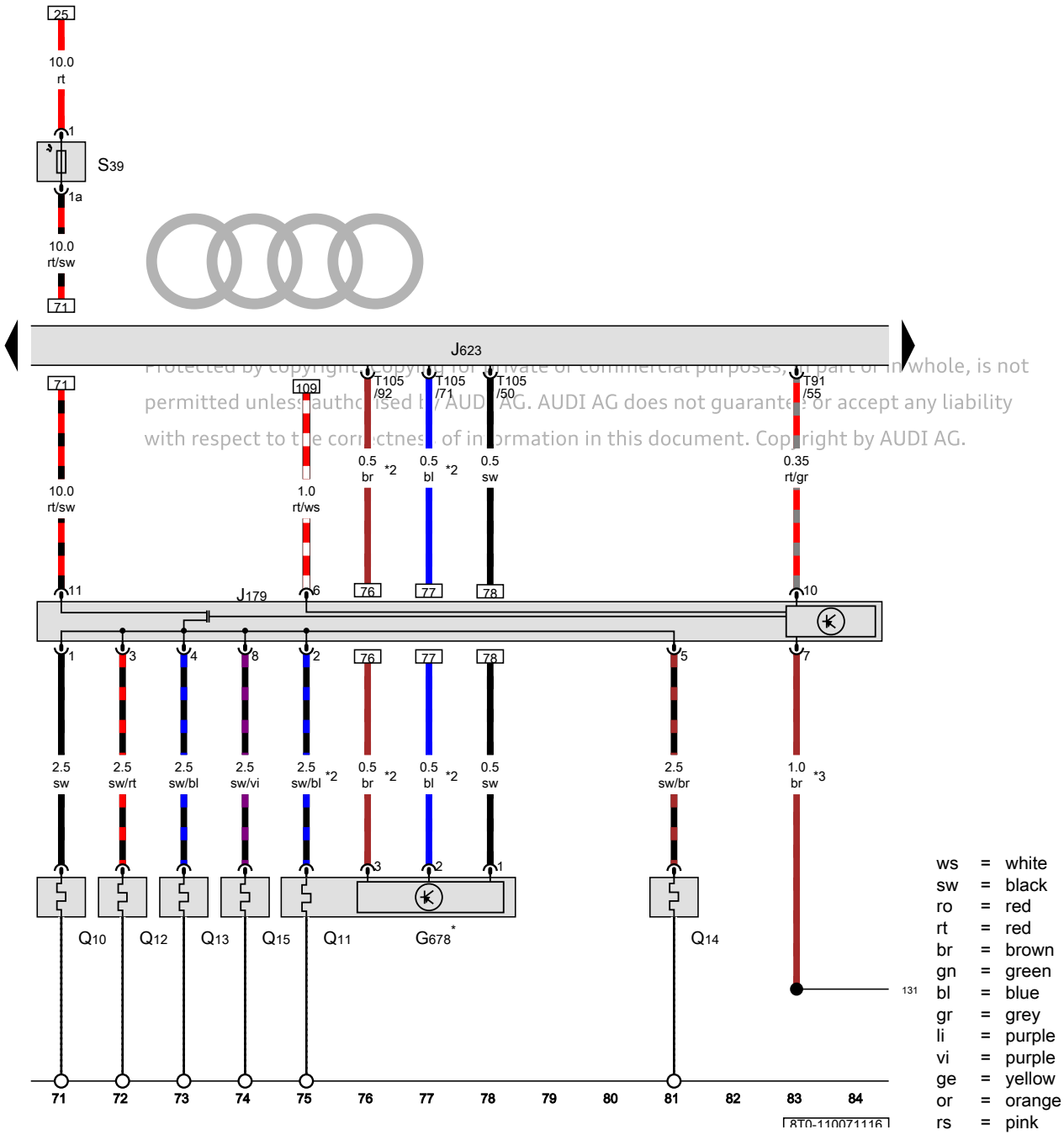


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Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J500	Power steering control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	See applicable current flow diagram for start/stop system
*2	see applicable current flow diagram
*3	see applicable current flow diagram for gearbox

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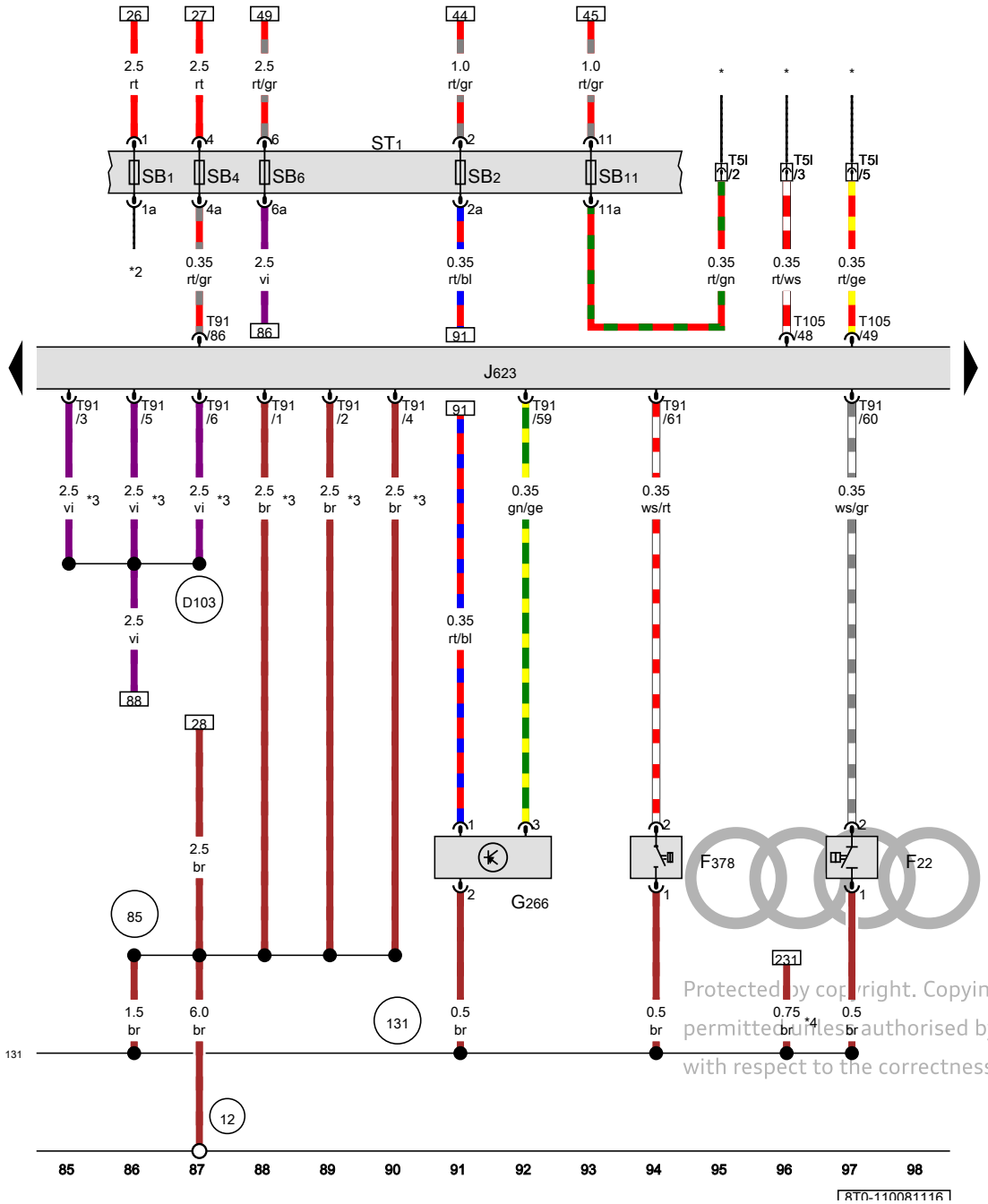
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Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
J623	Engine 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
S39	Engine glow plug strip fuse
T91	91-pin connector
T105	105-pin connector
131	Earth connection 2, in engine compartment wiring harness
*	Only models with Euro 6 emission standard
*2	Wiring colour depends on equipment
*3	Cross section depends on equipment

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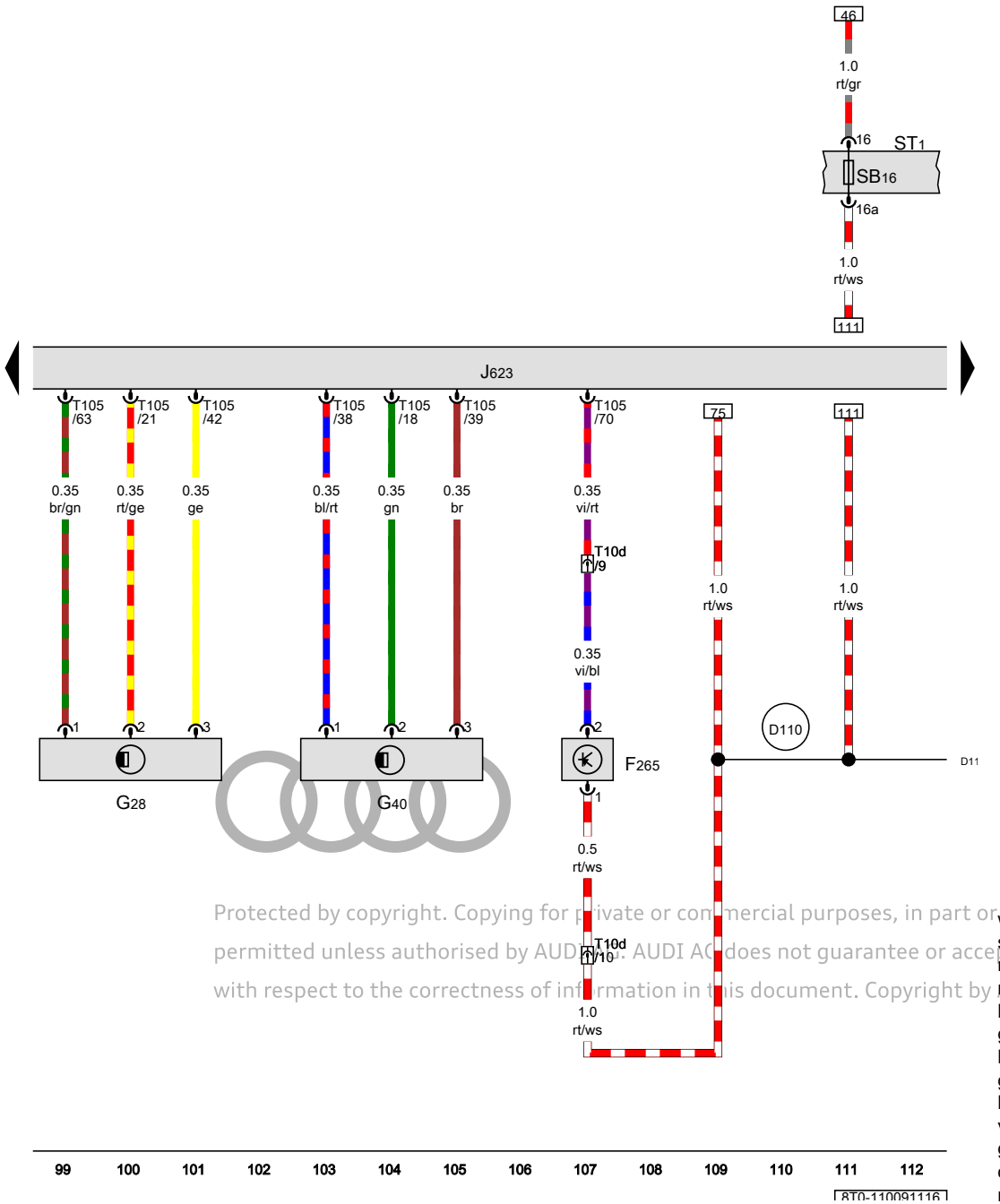
Oil pressure switch for reduced oil pressure, Oil level and oil temperature sender



F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G266	Oil level and oil temperature sender
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T5l	5-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for gearbox
*3	Cross-section 1.5 possible
*4	Only for American markets

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Engine speed sender, Hall sender

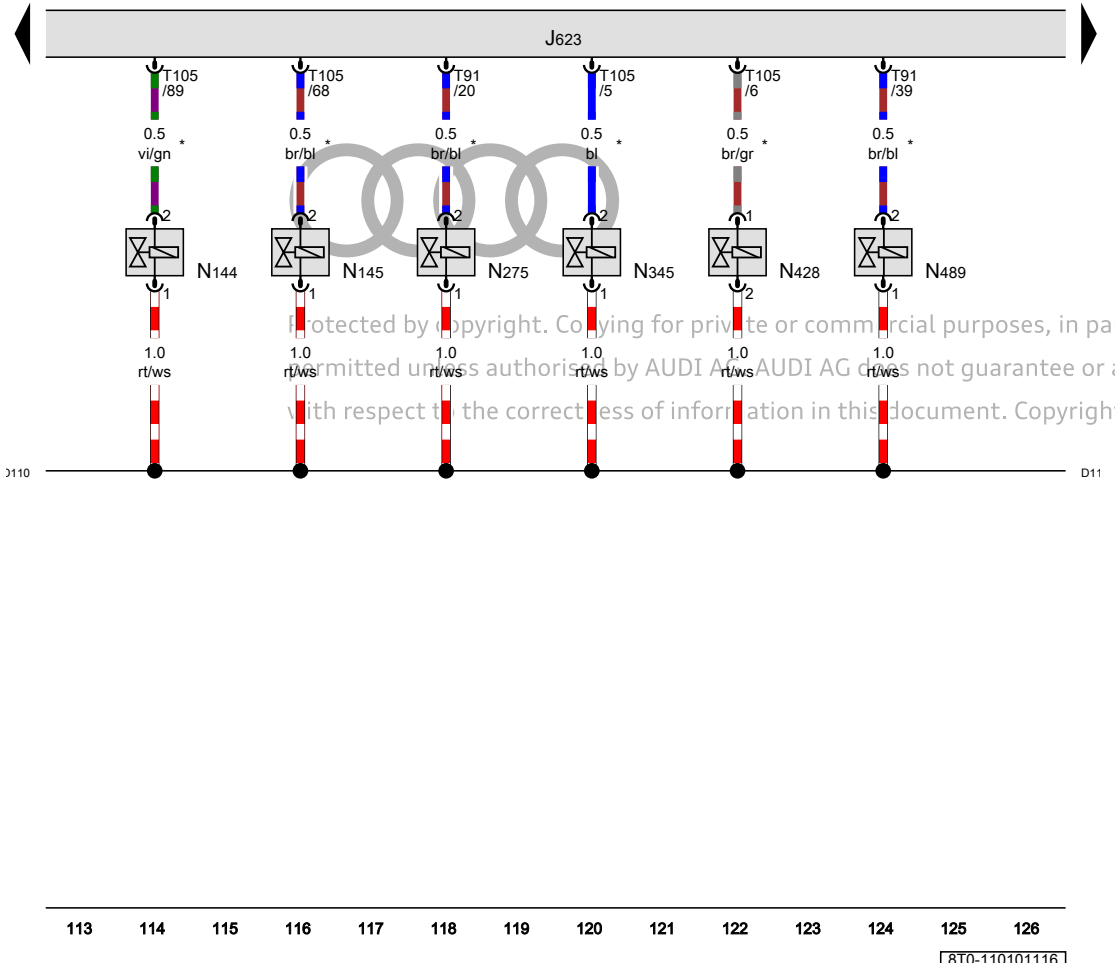
F265	Map-controlled engine cooling system thermostat
G28	Engine speed sender
G40	Hall sender
J623	Engine control unit
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
T10d	10-pin connector, black
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness

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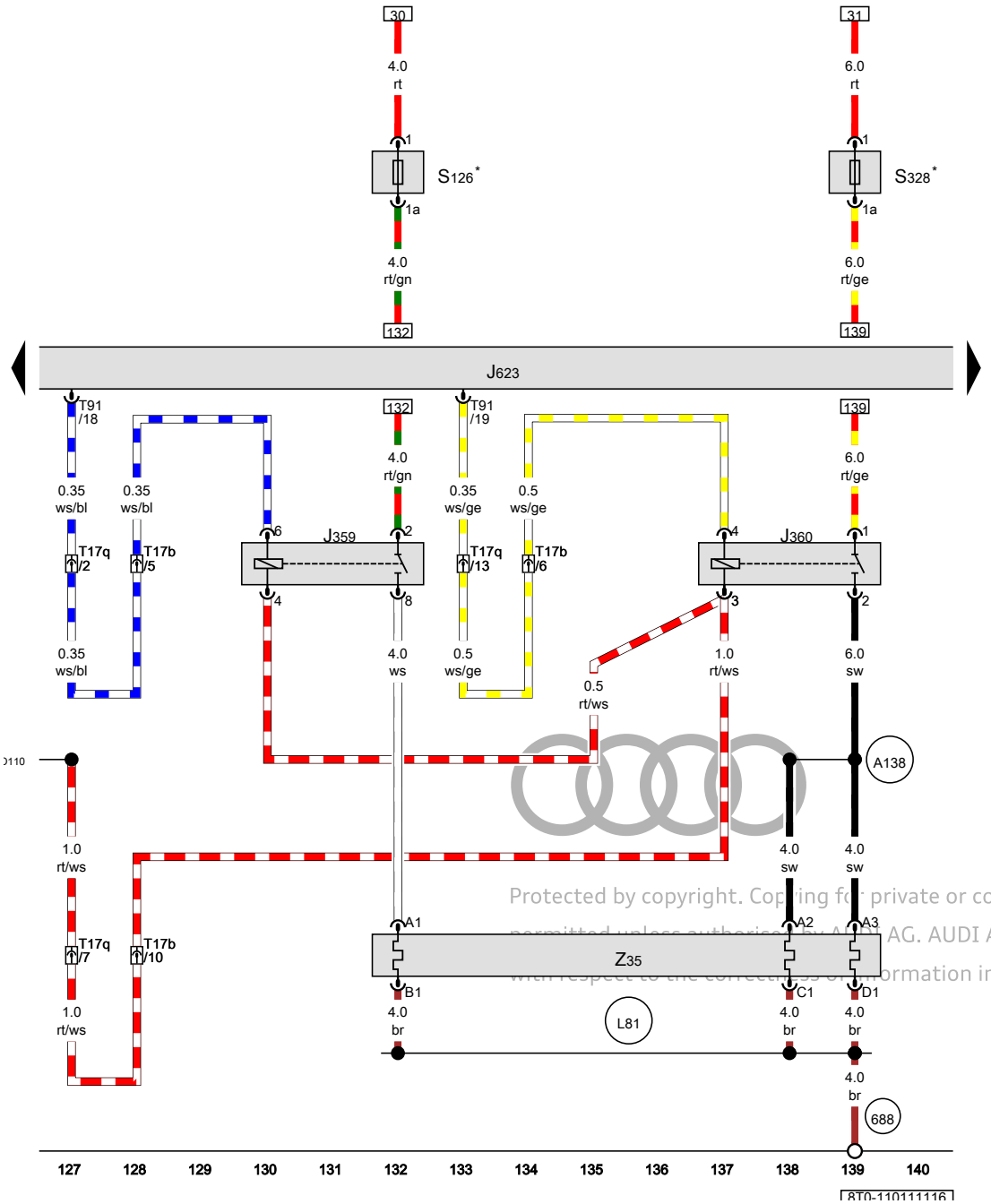
Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve

J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T91	91-pin connector
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness
*	Cross section depends on equipment



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Low heat output relay, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

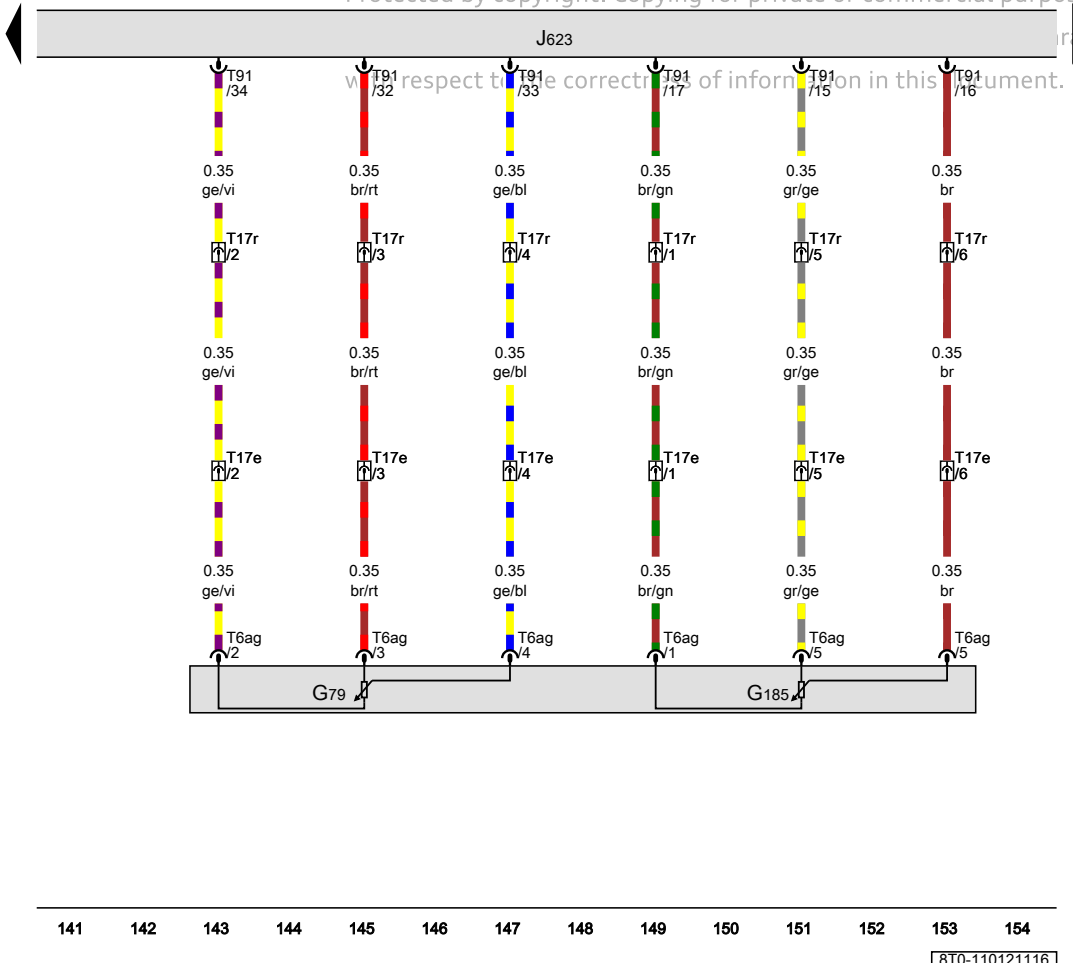
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Accelerator position sender, Accelerator position sender 2

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector

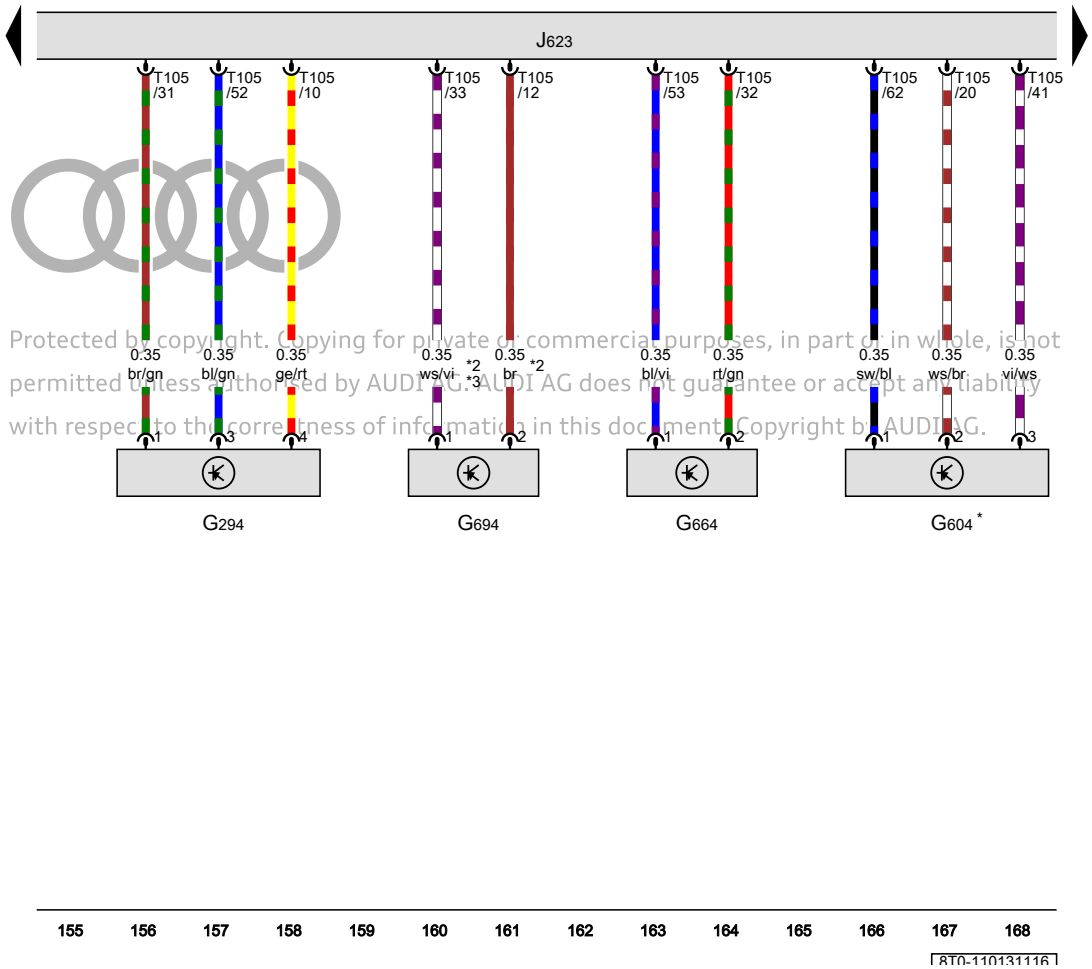
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Brake servo pressure sensor, Temperature sender for engine temperature regulation

G294	Brake servo pressure sensor
G604	Gear detection sensor
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T105	105-pin connector
*	Only models with manual gearbox
*2	Cross section depends on equipment
*3	Wiring colour depends on equipment



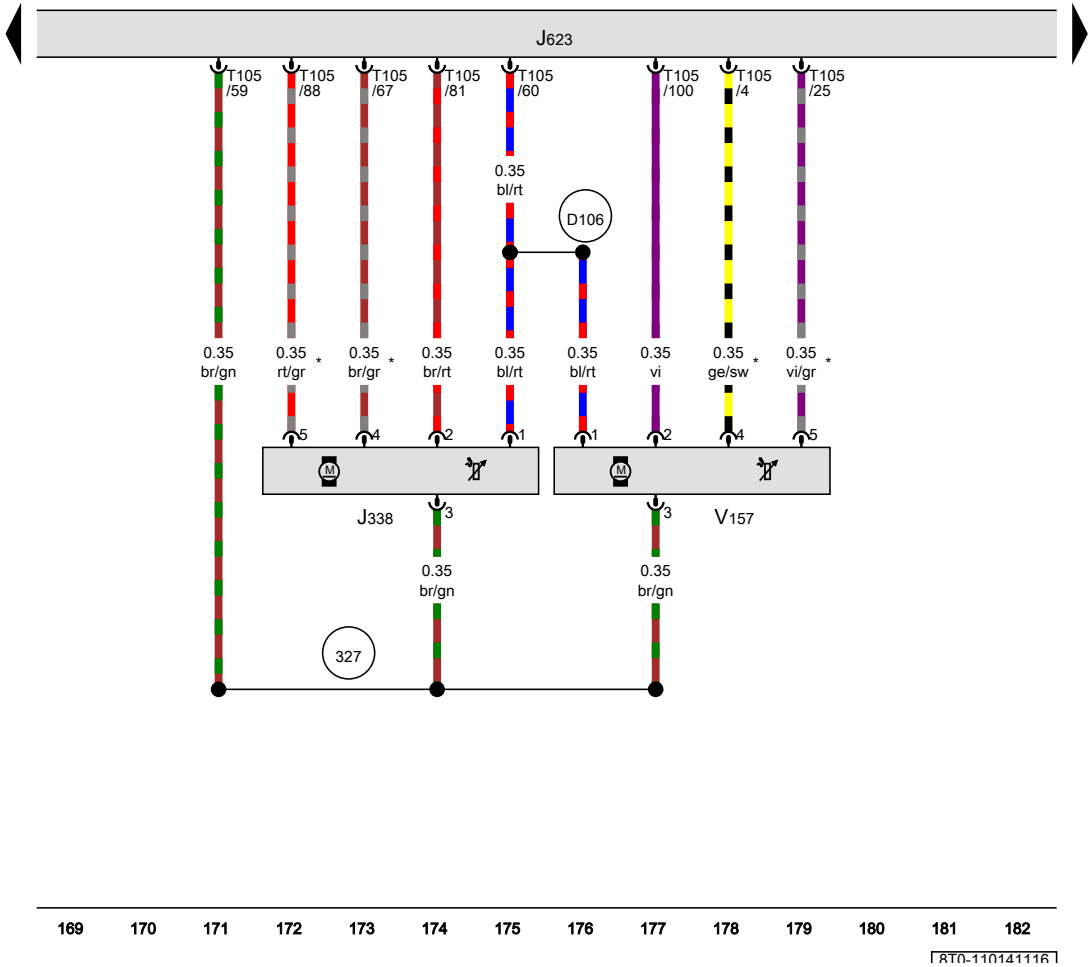
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Throttle valve module

J338	Throttle valve module
J623	Engine control unit
T105	105-pin connector
V157	Intake manifold flap motor
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Cross section depends on equipment

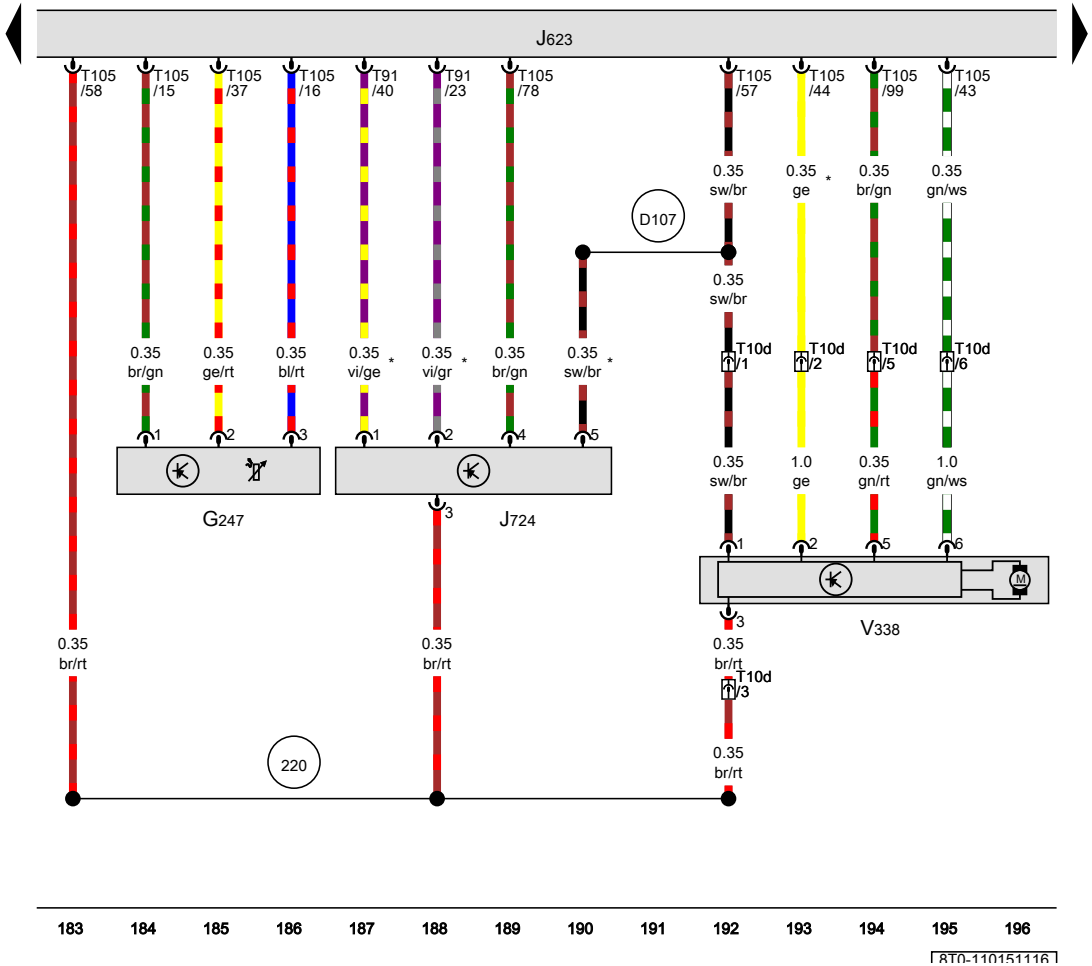


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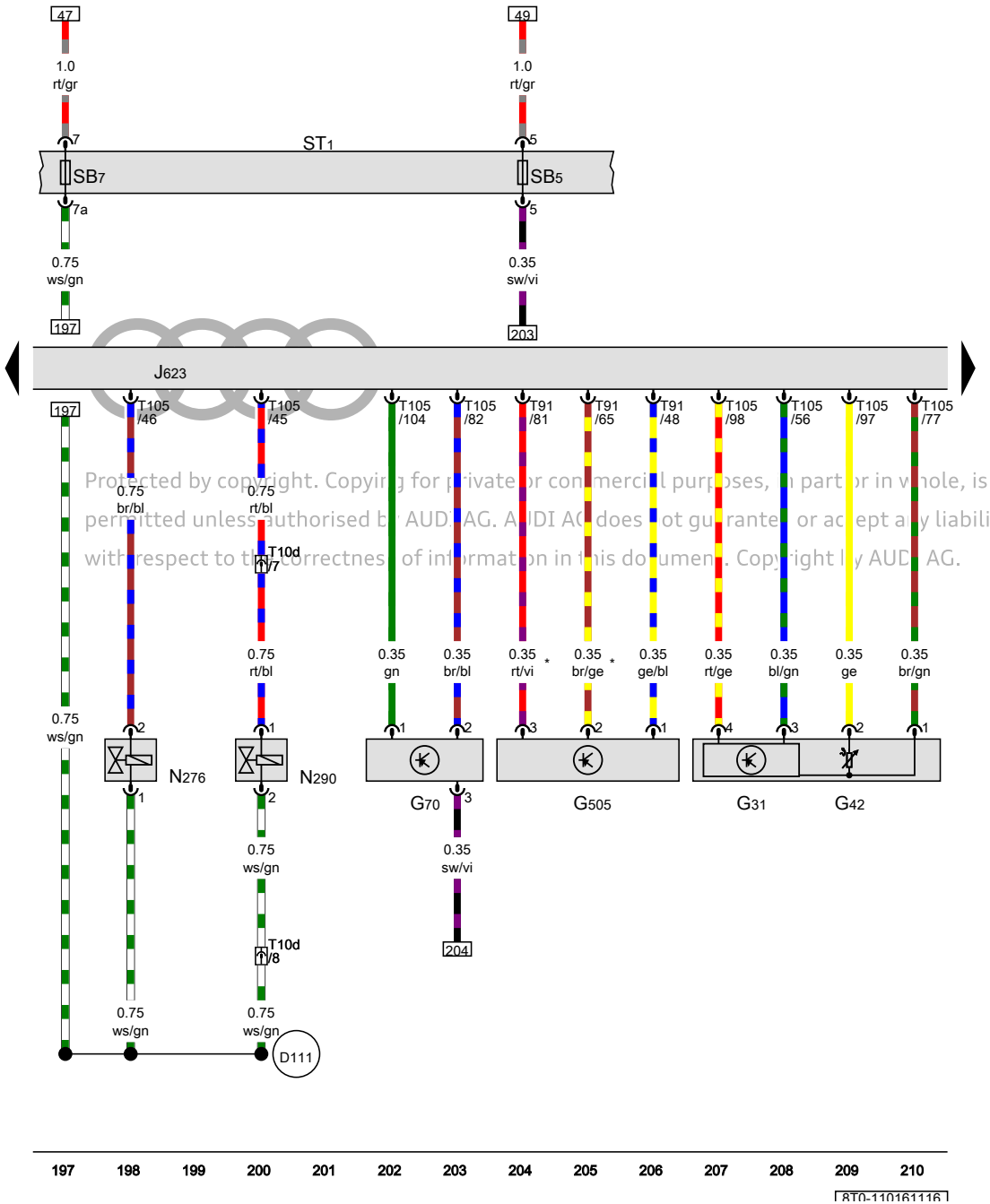
Fuel pressure sender, Turbocharger 1 control unit

G247	Fuel pressure sender
J623	Engine control unit
J724	Turbocharger 1 control unit
T10d	10-pin connector, black
T91	91-pin connector
T105	105-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness
*	Cross section depends on equipment

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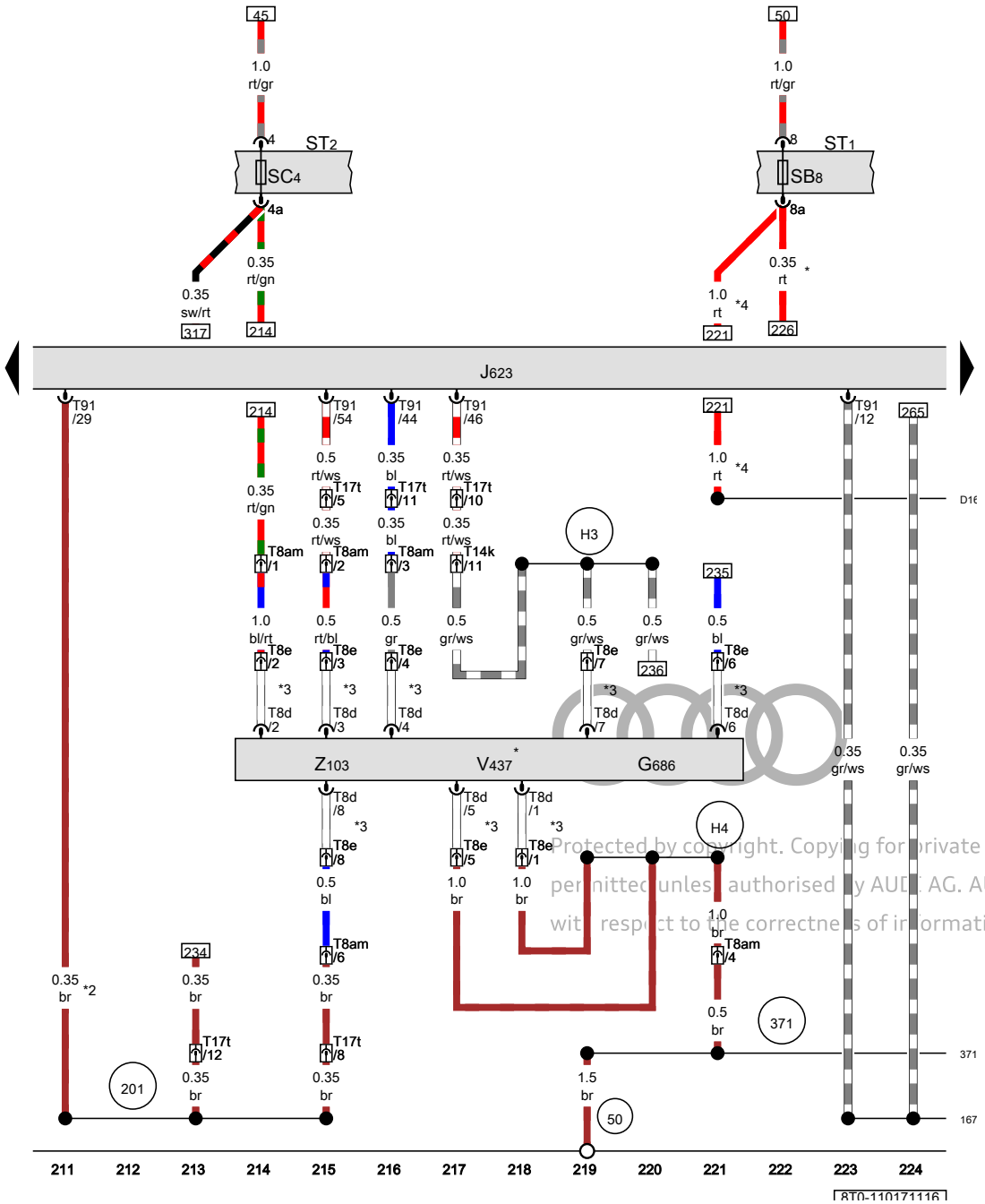


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Charge pressure sender, Intake air temperature sender, Air mass meter, Pressure differential sender

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
G505	Pressure differential sender
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T10d	10-pin connector, black
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 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
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or	=	orange
rs	=	pink



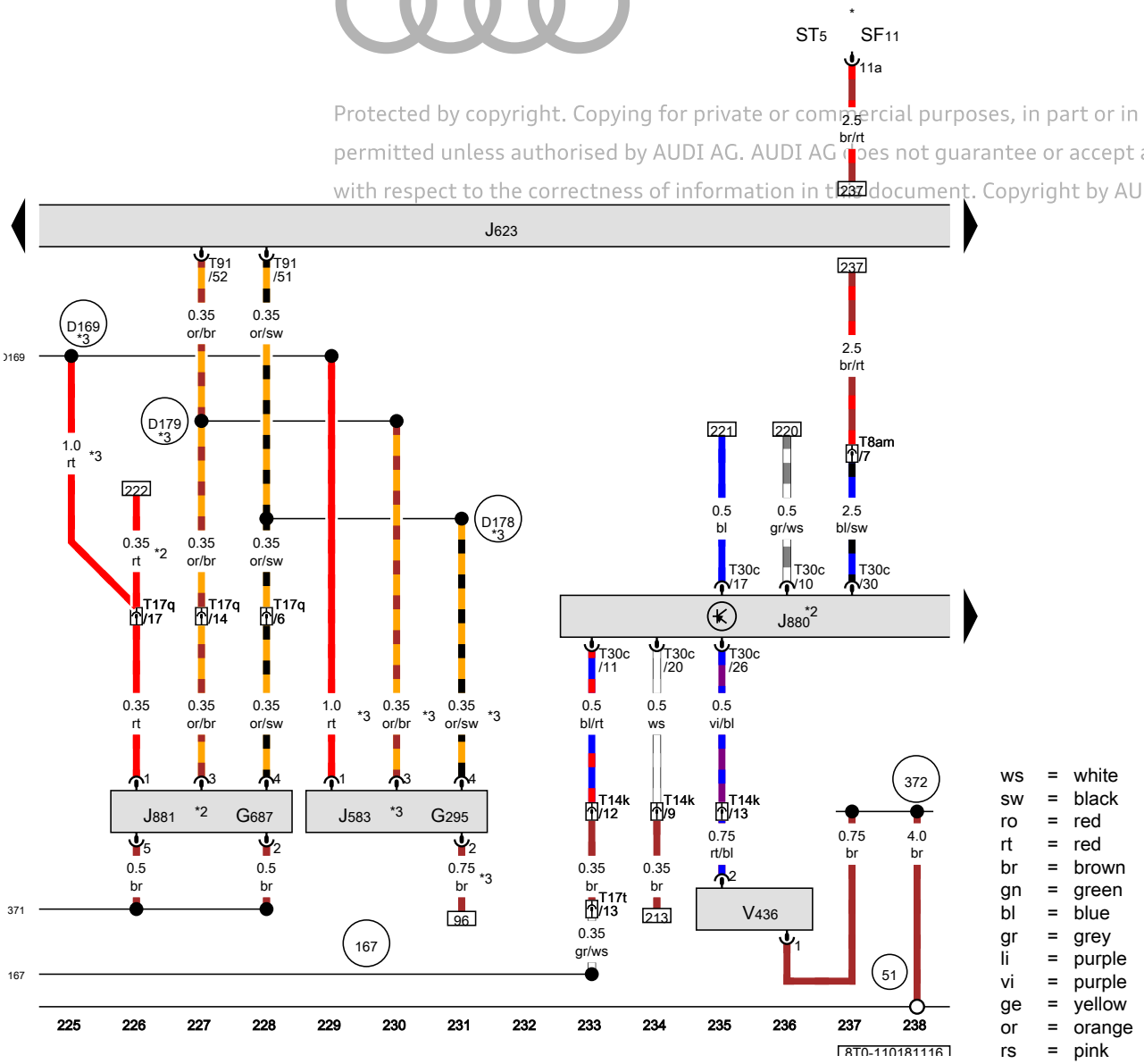
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bl = blue
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li = purple
vi = purple
ge = yellow
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rs = pink

Pump for reducing agent

G686	Pressure sender for reducing agent metering system
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SB8	Fuse 8 on fuse holder B
T8am	8-pin connector, black
T8d	8-pin connector
T8e	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T91	91-pin connector
V437	Pump for reducing agent
Z103	Heater for reducing agent pump (heater circuit 2)
50	Earth point, on left in luggage compartment
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
371	Earth connection 6, in main wiring harness
D169	Connection (NOx), in engine compartment wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank
*	Only models with reducing agent metering system
*2	Wiring colour depends on equipment
*3	Adapter wire
*4	Only for American markets

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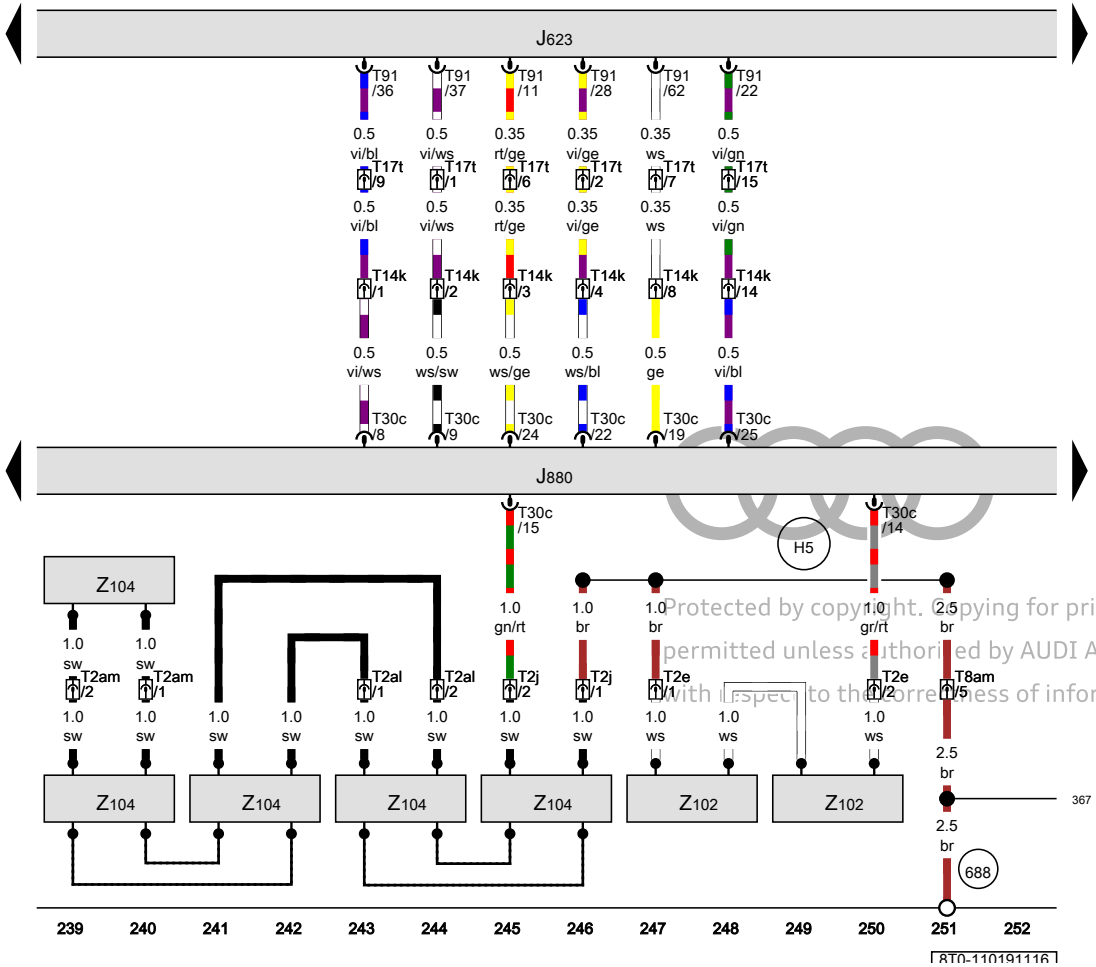
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Control unit for reducing agent metering system, Transfer pump for reducing agent

G295	NOx sender
G687	NOx sender 2
J583	Control unit for NOx sender
J623	Engine control unit
J880	Control unit for reducing agent metering system
J881	Control unit for NOx sender 2
ST5	Fuse carrier 5
SF11	Fuse 11 in fuse holder F
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17q	17-pin connector, red
T17t	17-pin connector, brown
T30c	30-pin connector
T91	91-pin connector
V436	Transfer pump for reducing agent
51	Earth point, on right in luggage compartment
167	Earth connection 4, in engine compartment wiring harness
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
D169	Connection (NOx), in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with reducing agent metering system
*3	Only for American markets

Control unit for reducing agent metering system, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2)

J623	Engine control unit
J880	Control unit for reducing agent metering system
T2al	2-pin connector, brown
T2am	2-pin connector, orange
T2e	2-pin connector, black
T2j	2-pin connector, black
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T30c	30-pin connector
T91	91-pin connector
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
H5	Connection 3 in wiring harness for reducing agent tank

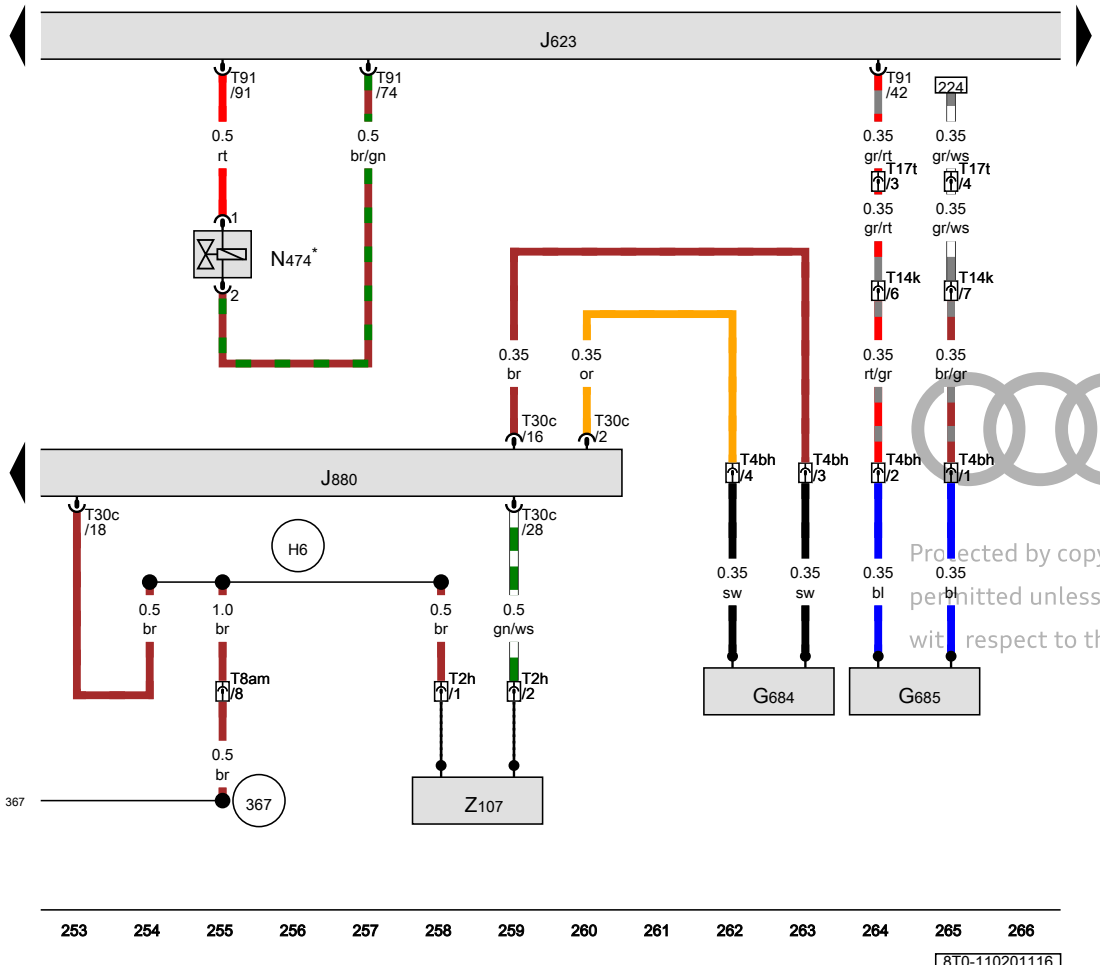


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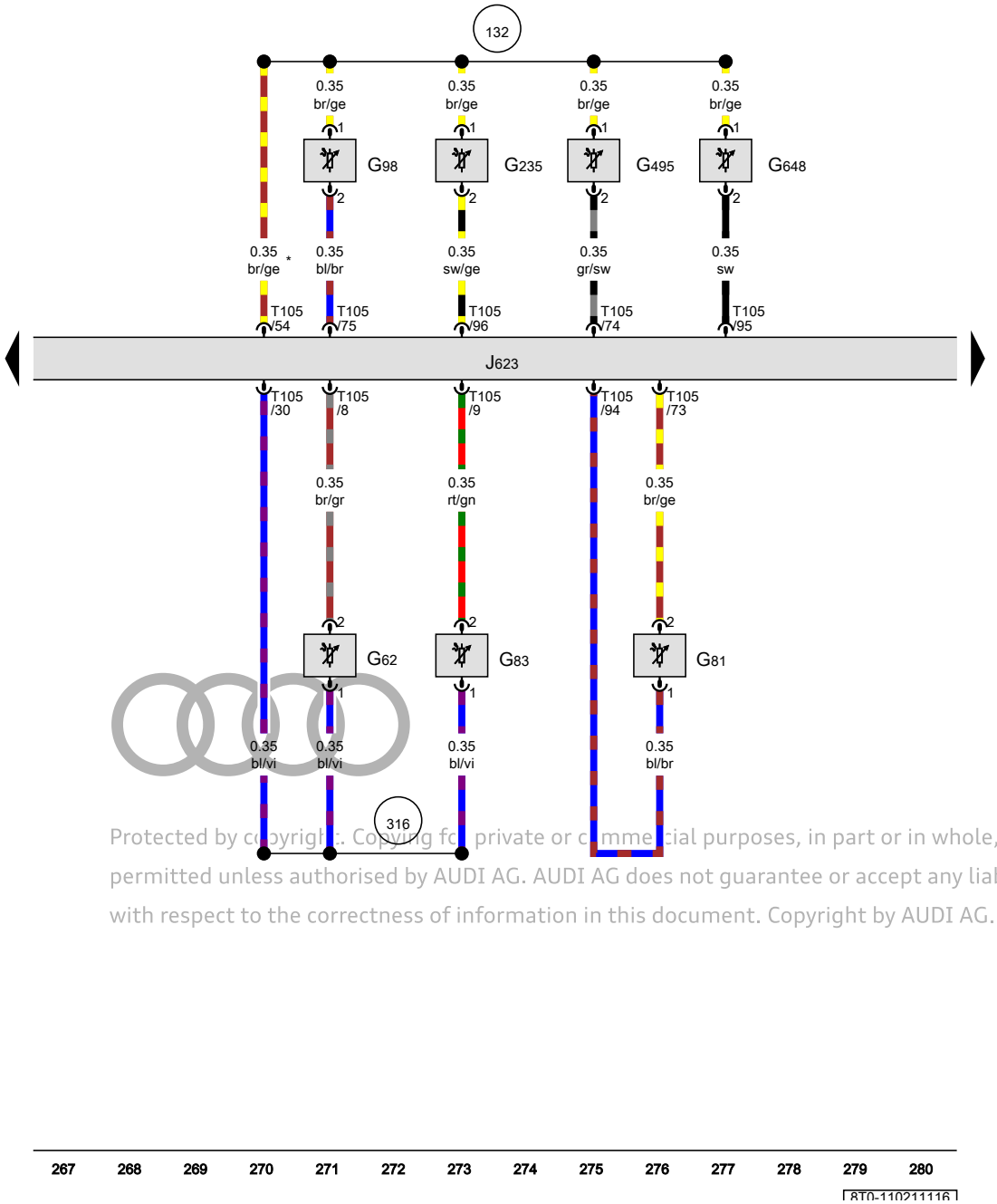
Control unit for reducing agent metering system, Injector for reducing agent, Heater for reducing agent breather line

G684	Tank sender for reducing agent
G685	Temperature sender for reducing agent
J623	Engine control unit
J880	Control unit for reducing agent metering system
N474	Injector for reducing agent
T2h	2-pin connector, brown
T4bh	4-pin connector, black
T8am	8-pin connector, black
T14k	14-pin connector, brown
T17t	17-pin connector, brown
T30c	30-pin connector
T91	91-pin connector
Z107	Heater for reducing agent breather line
367	Earth connection 2, in main wiring harness
H6	Connection 4 in wiring harness for reducing agent tank
*	Only models with reducing agent metering system



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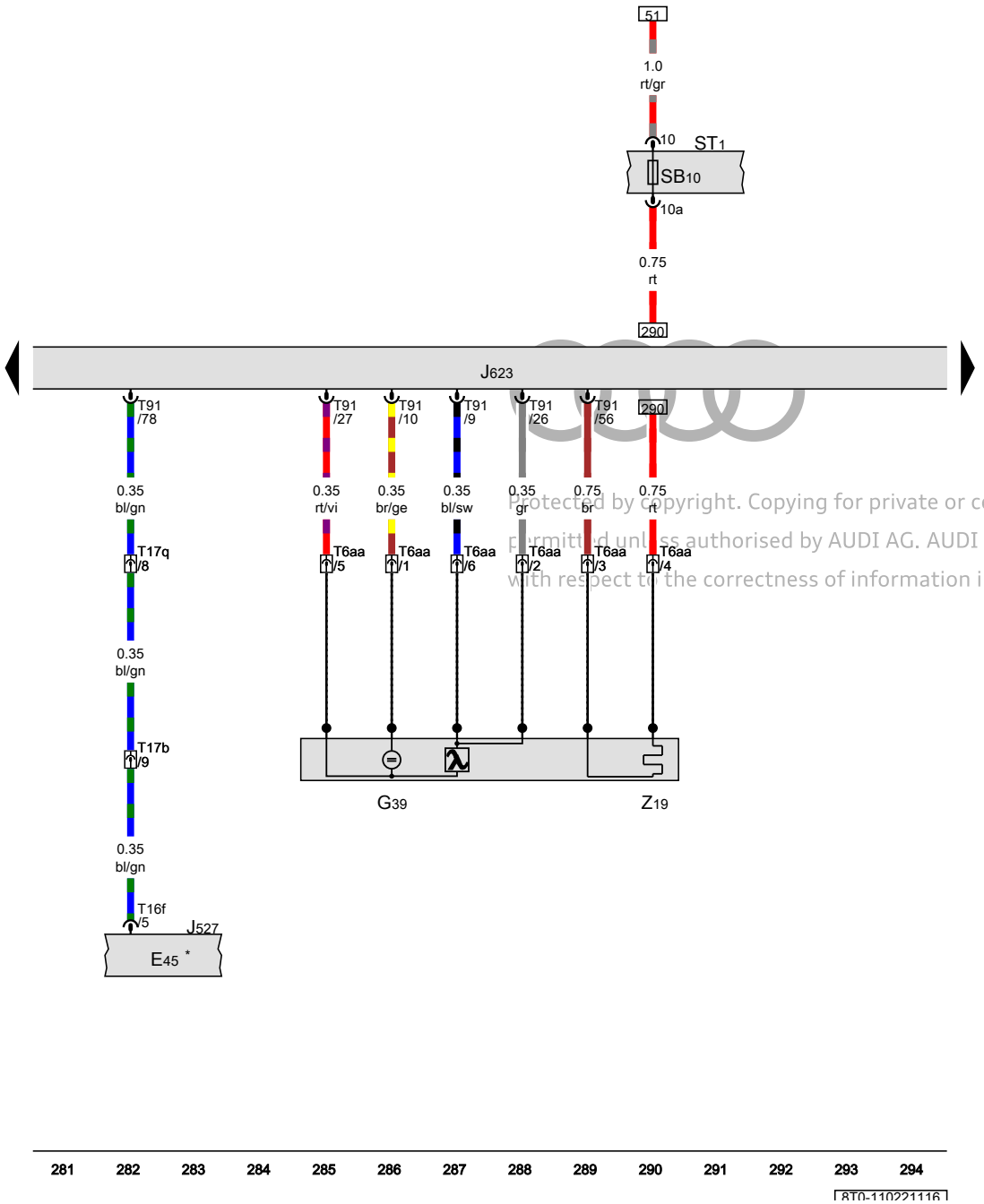
Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender

G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T105	105-pin connector
132	Earth connection 3, in engine compartment wiring harness
316	Earth connection (sender earth 2) in engine wiring harness
*	Cross section depends on equipment

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gr	=	grey
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rs	=	pink

Lambda probe, Lambda probe heater

E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

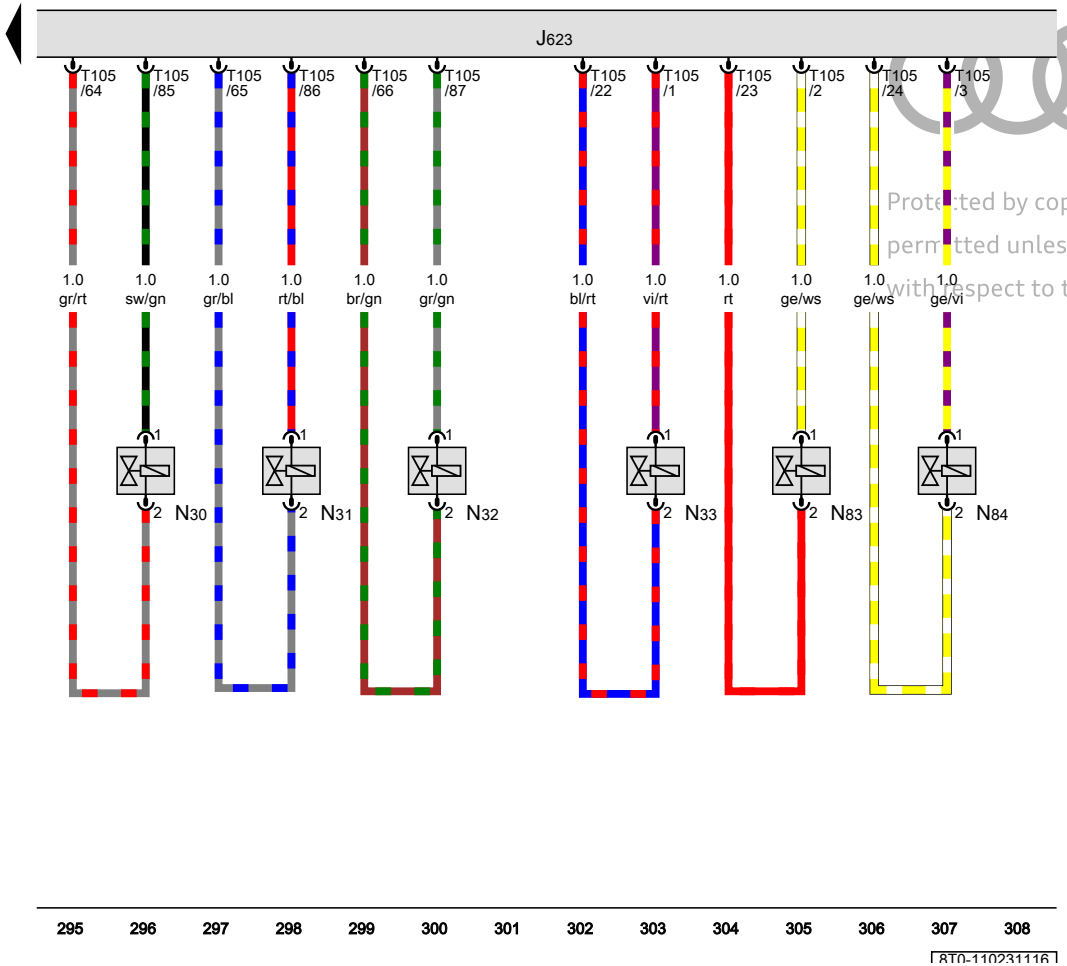


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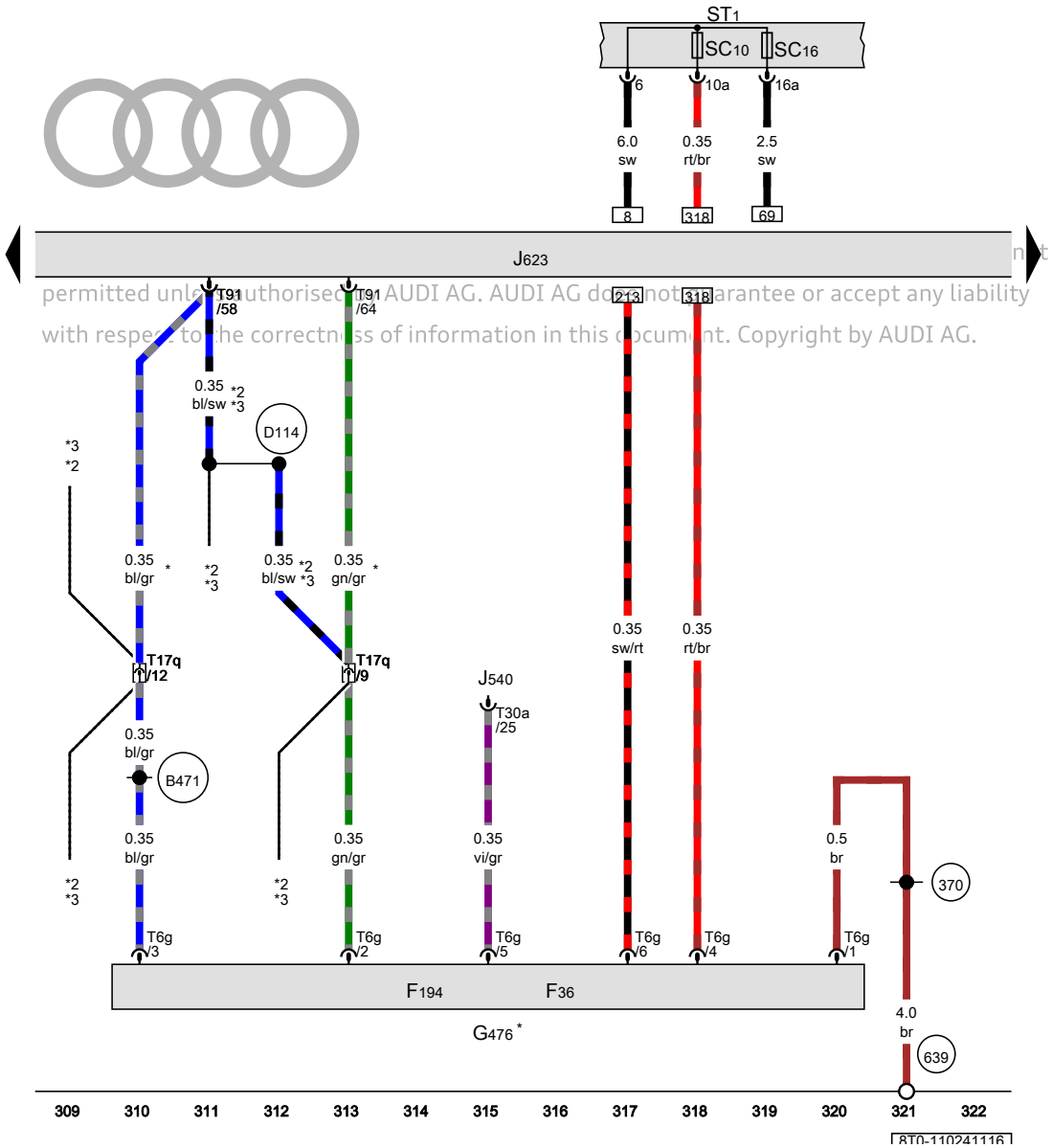
Injector, cylinder 1, Injector, cylinder 6

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
T105	105-pin connector



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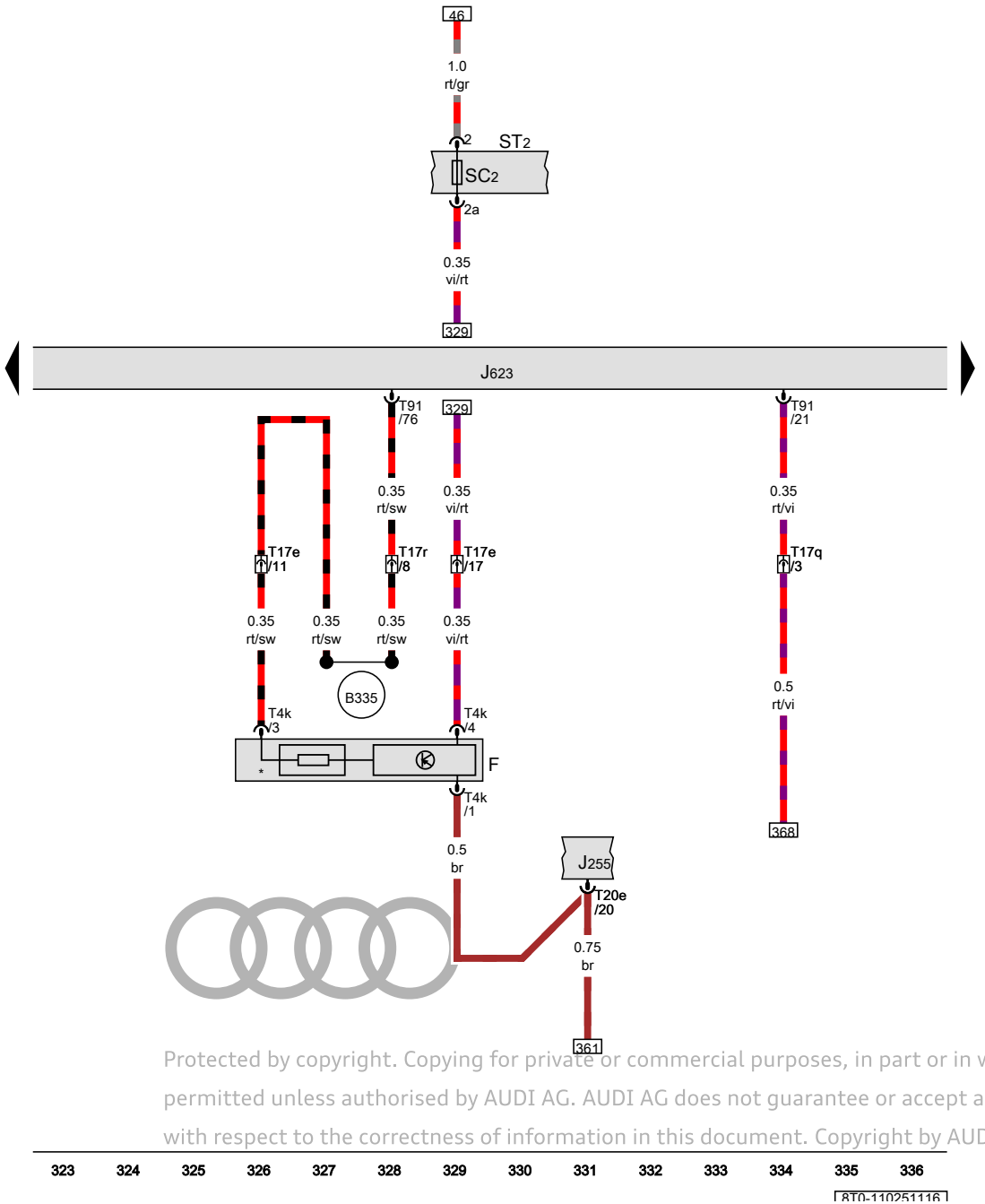


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Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox

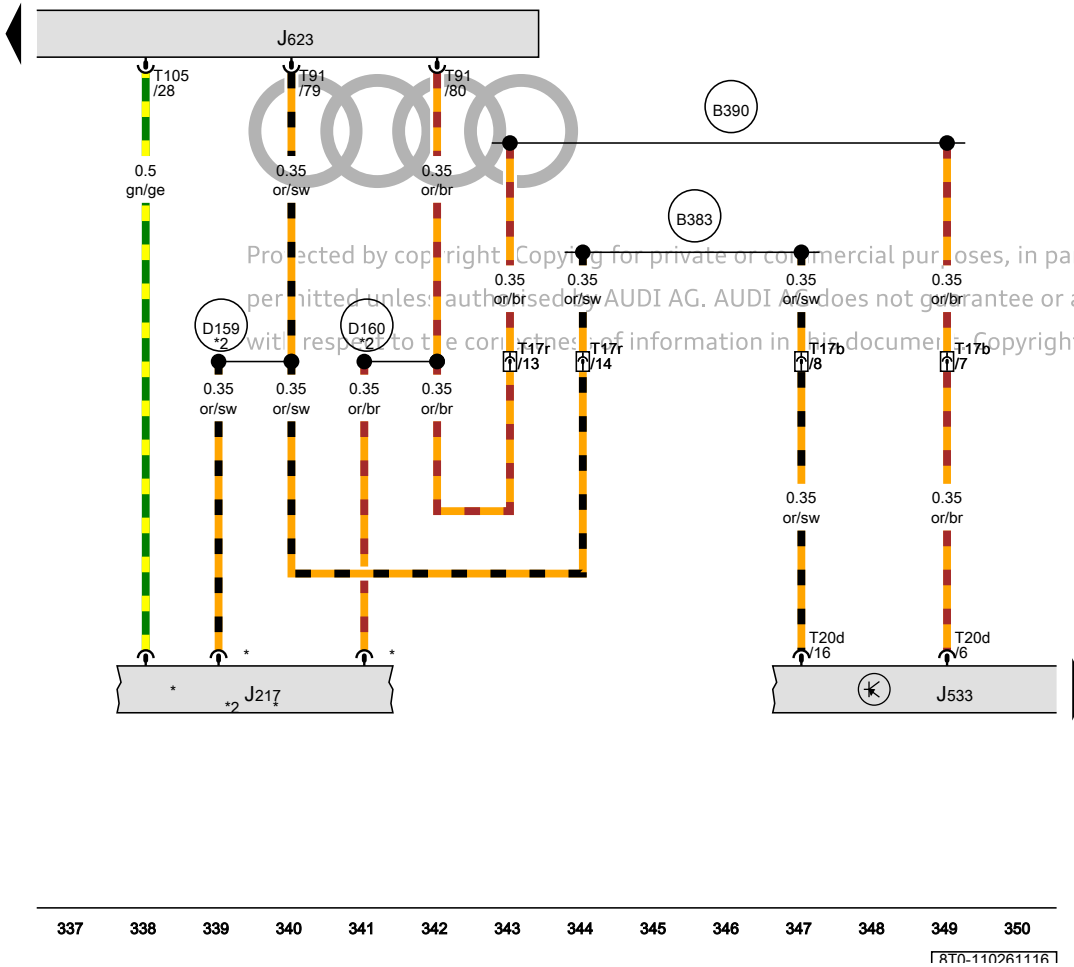


Brake light switch

F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor

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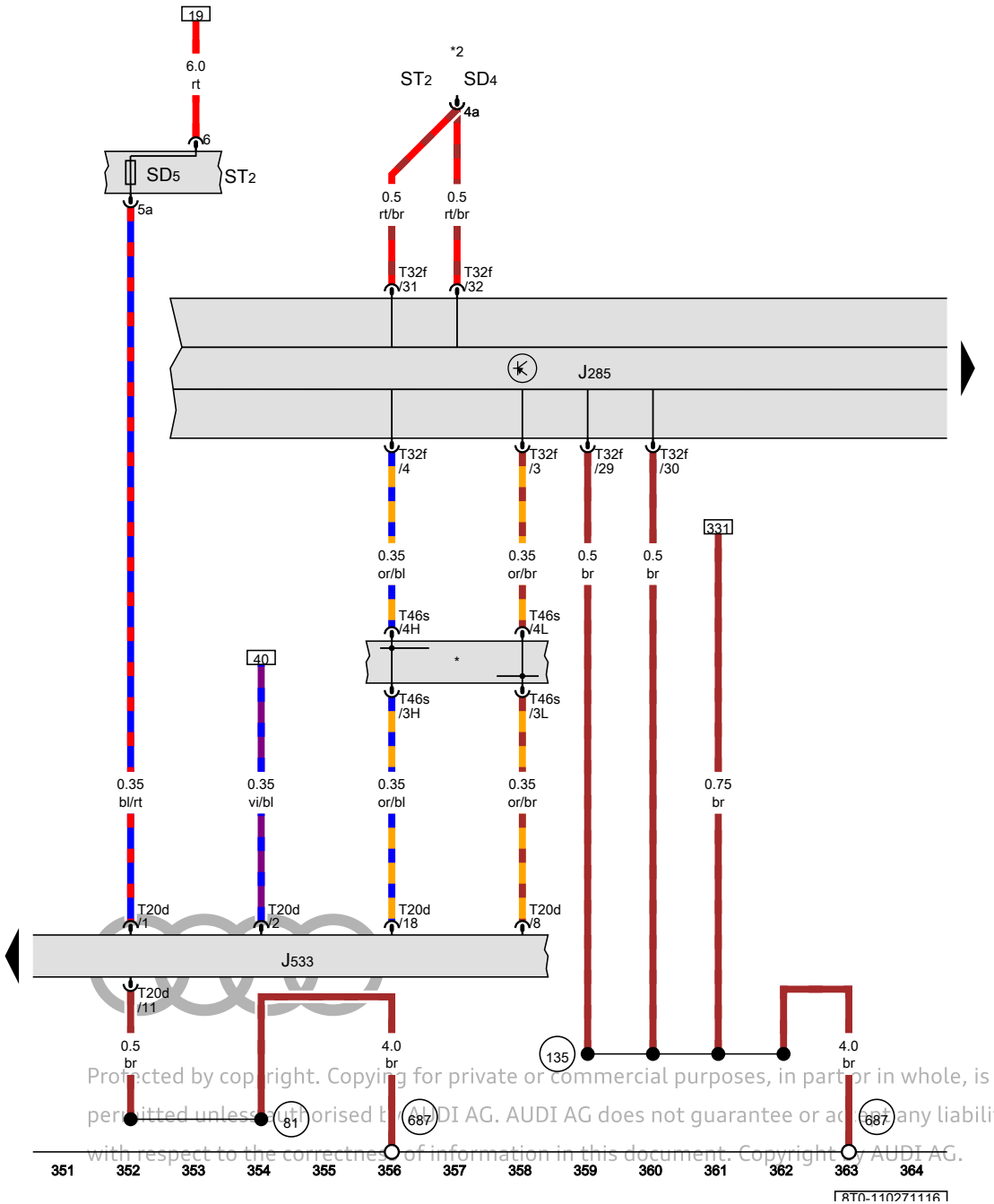


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T91	91-pin connector
T105	105-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox

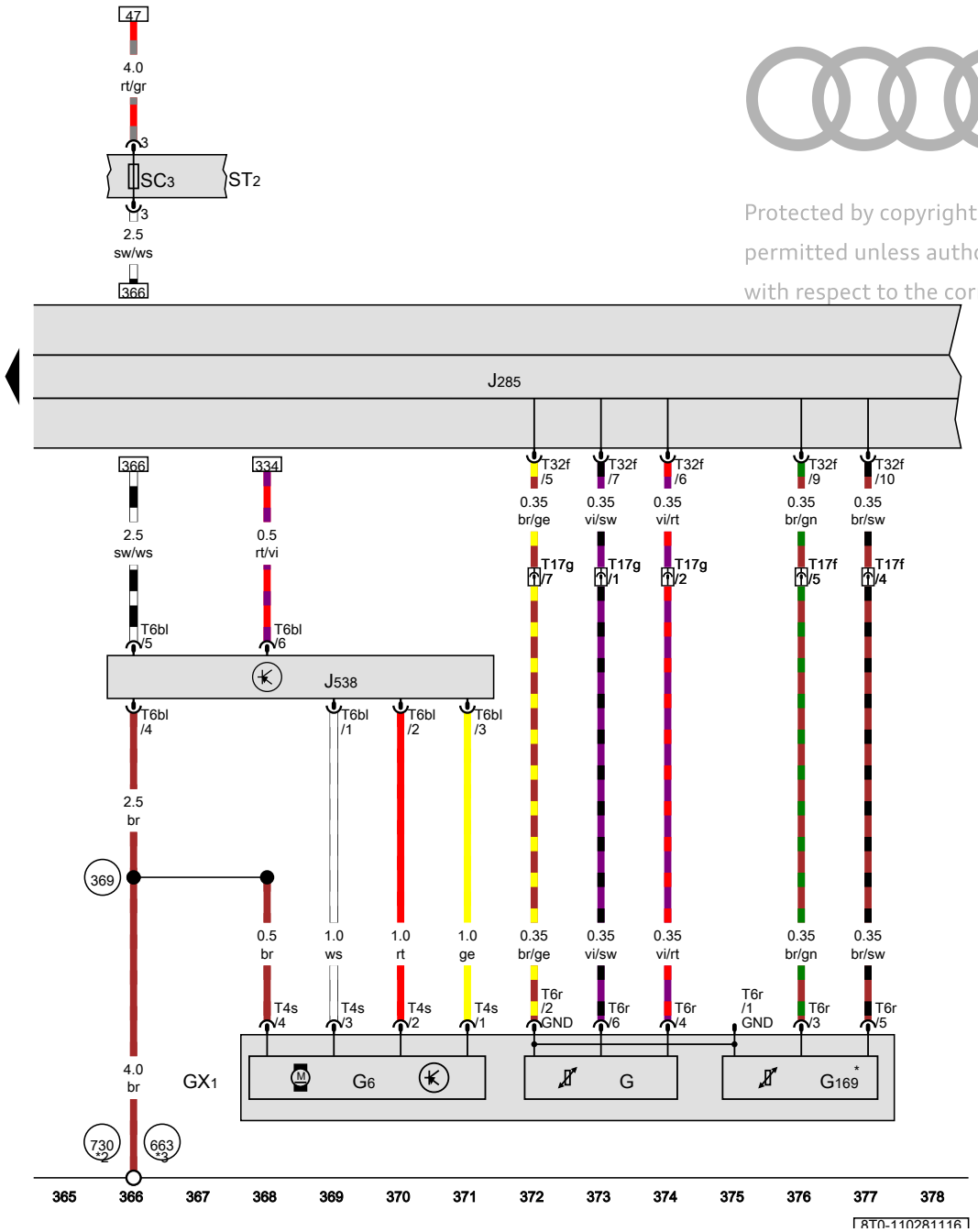


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment



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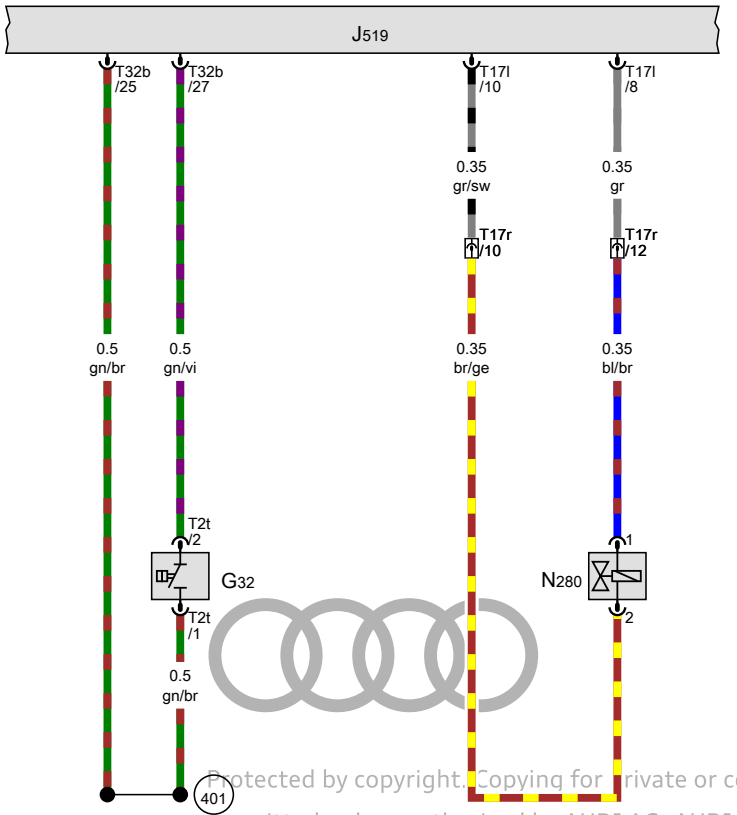
Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with all-wheel drive
*2	Only models with 5-doors
*3	Only models with 2-doors

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rs	=	pink

Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



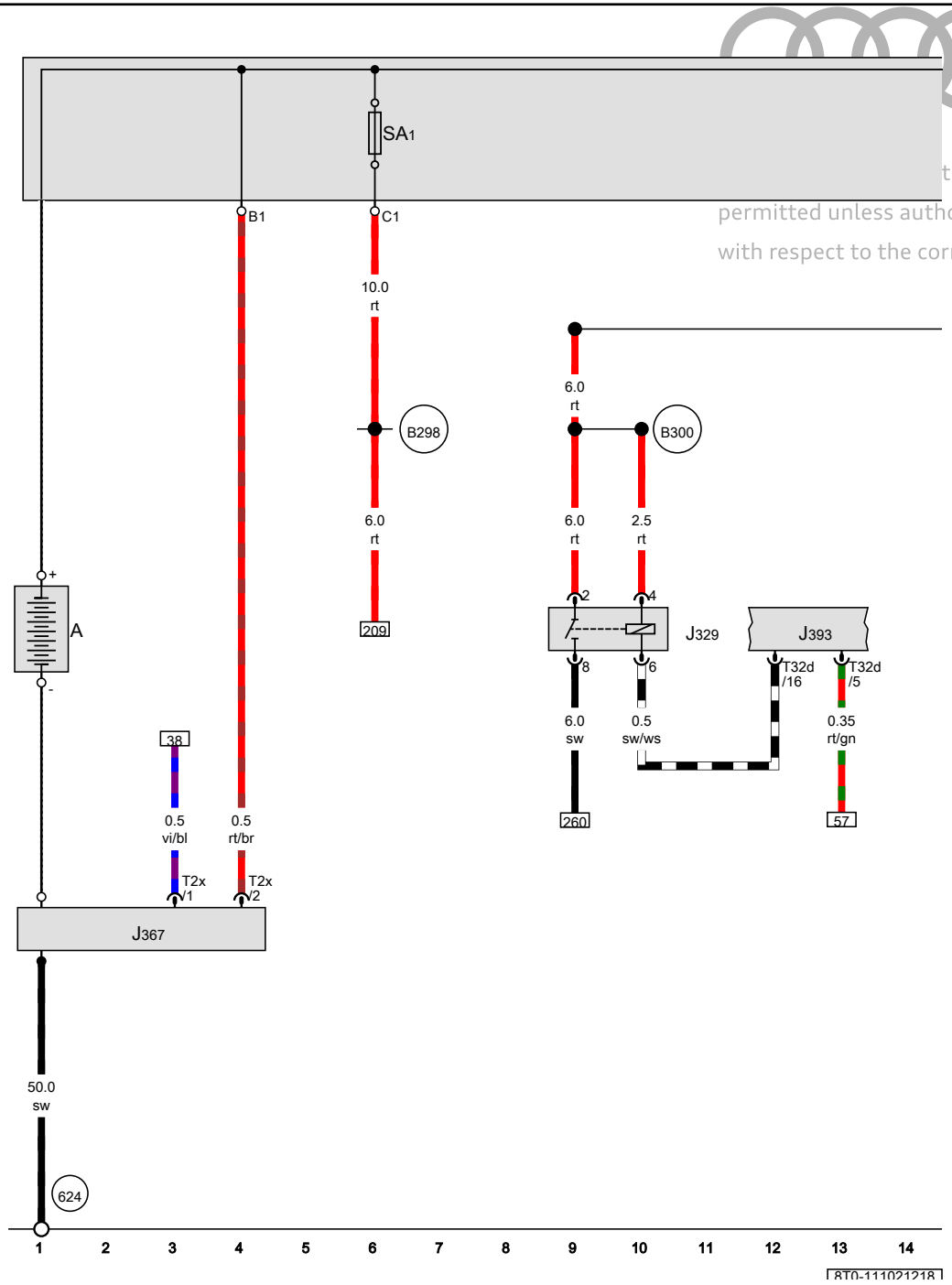
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3.0l petrol engine , CGWC,CGXC,CHMB,CMUA,CTUB

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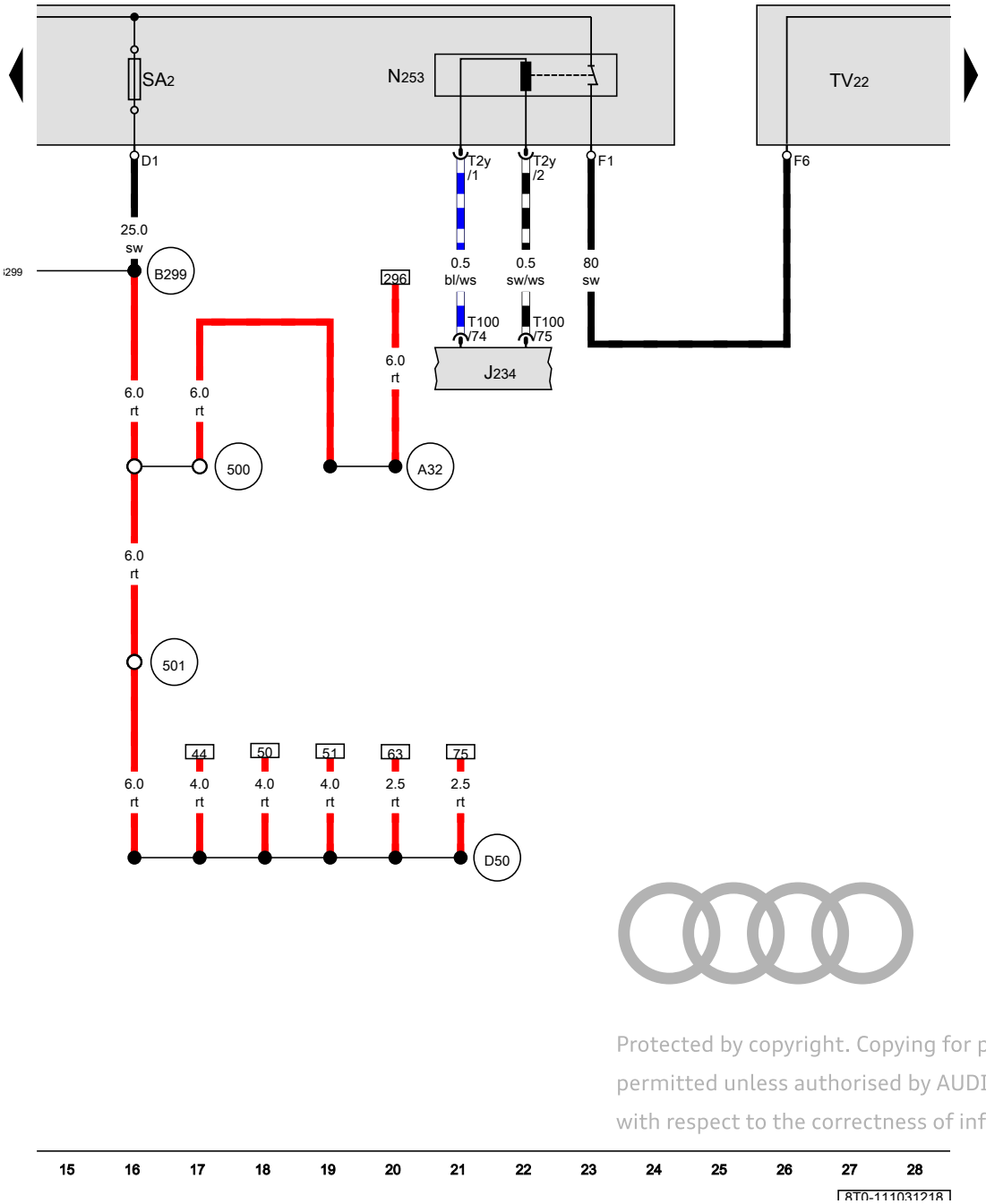


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 on fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness

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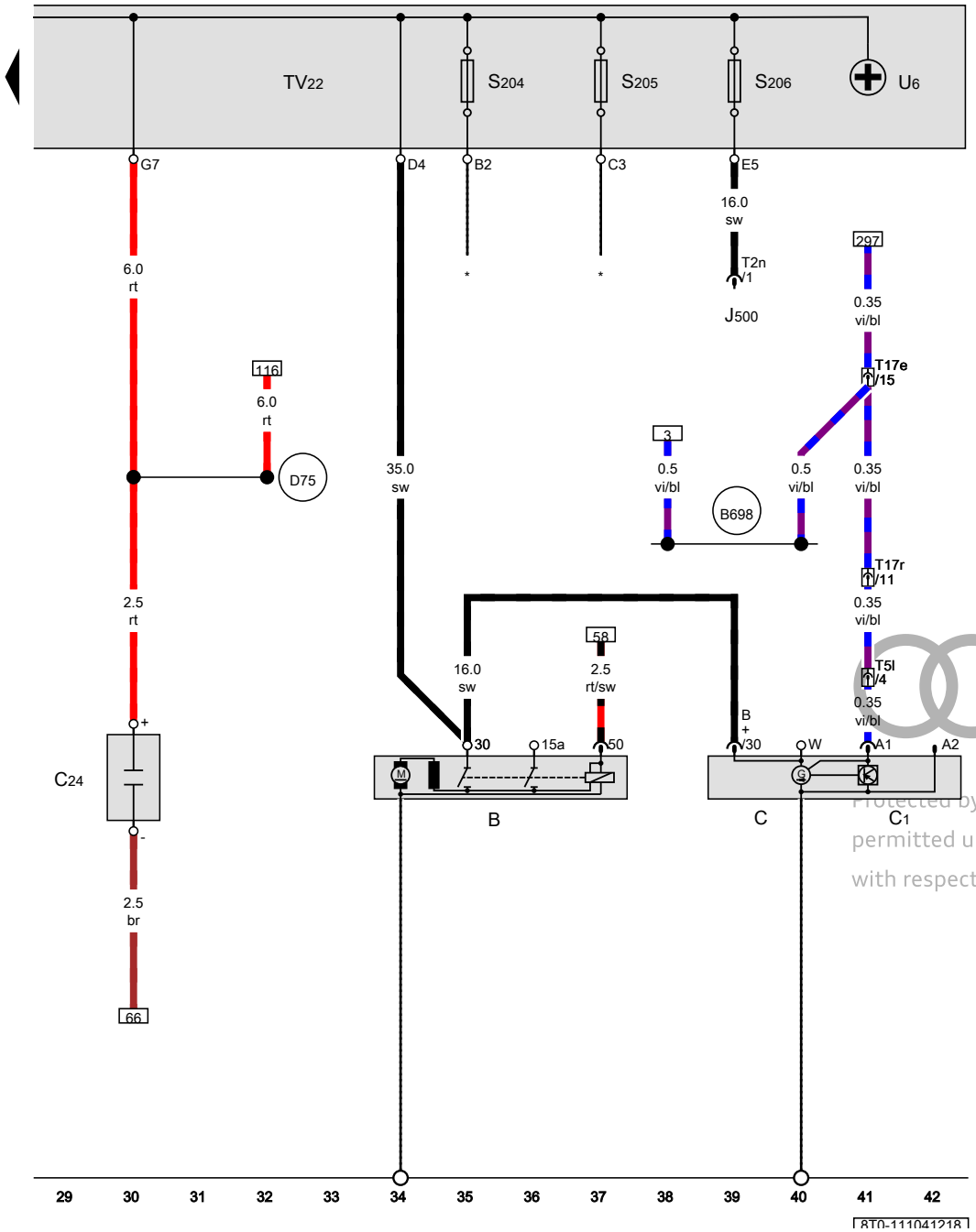


Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 on fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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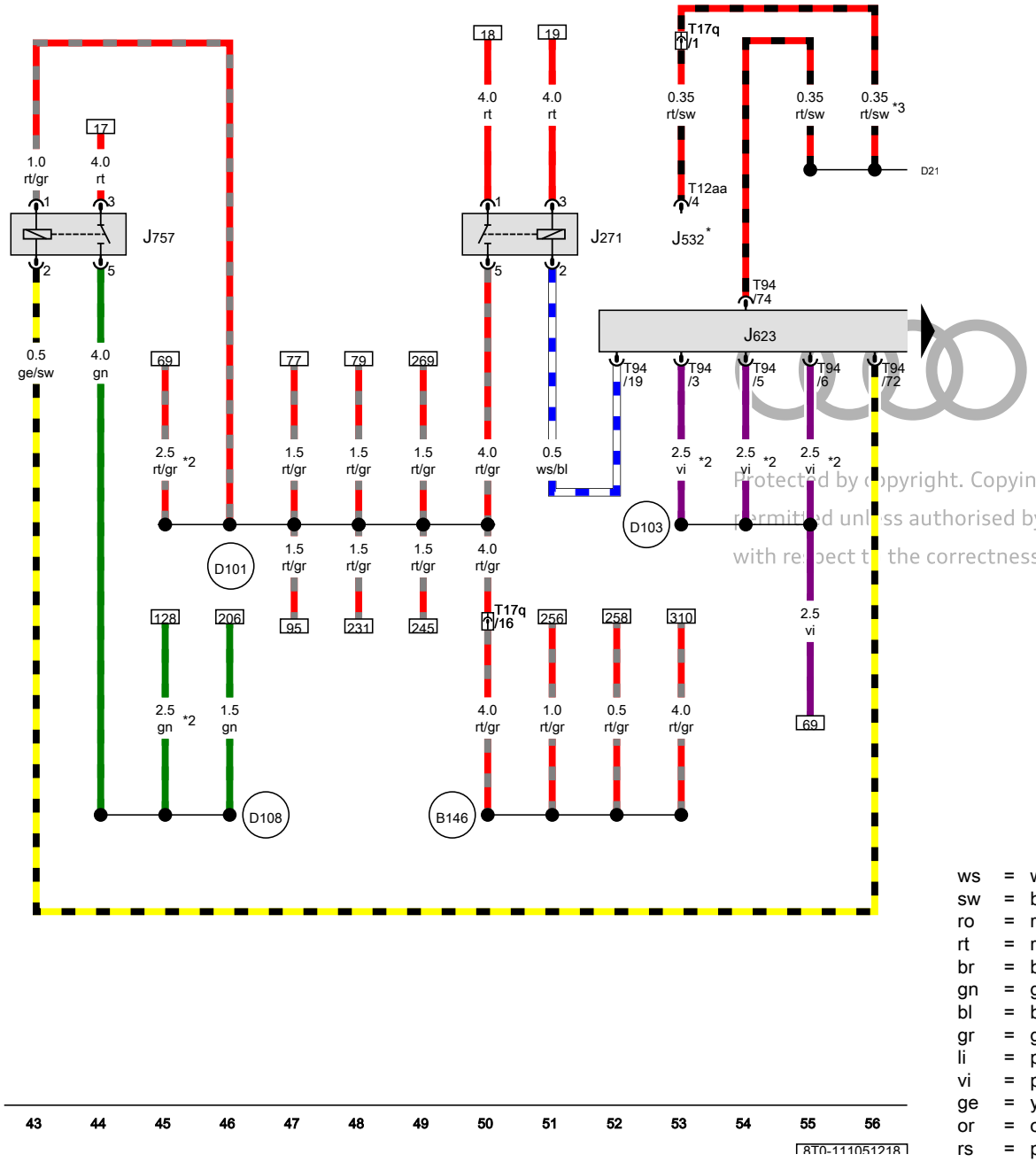


Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
B698	Connection 3 (LIN bus) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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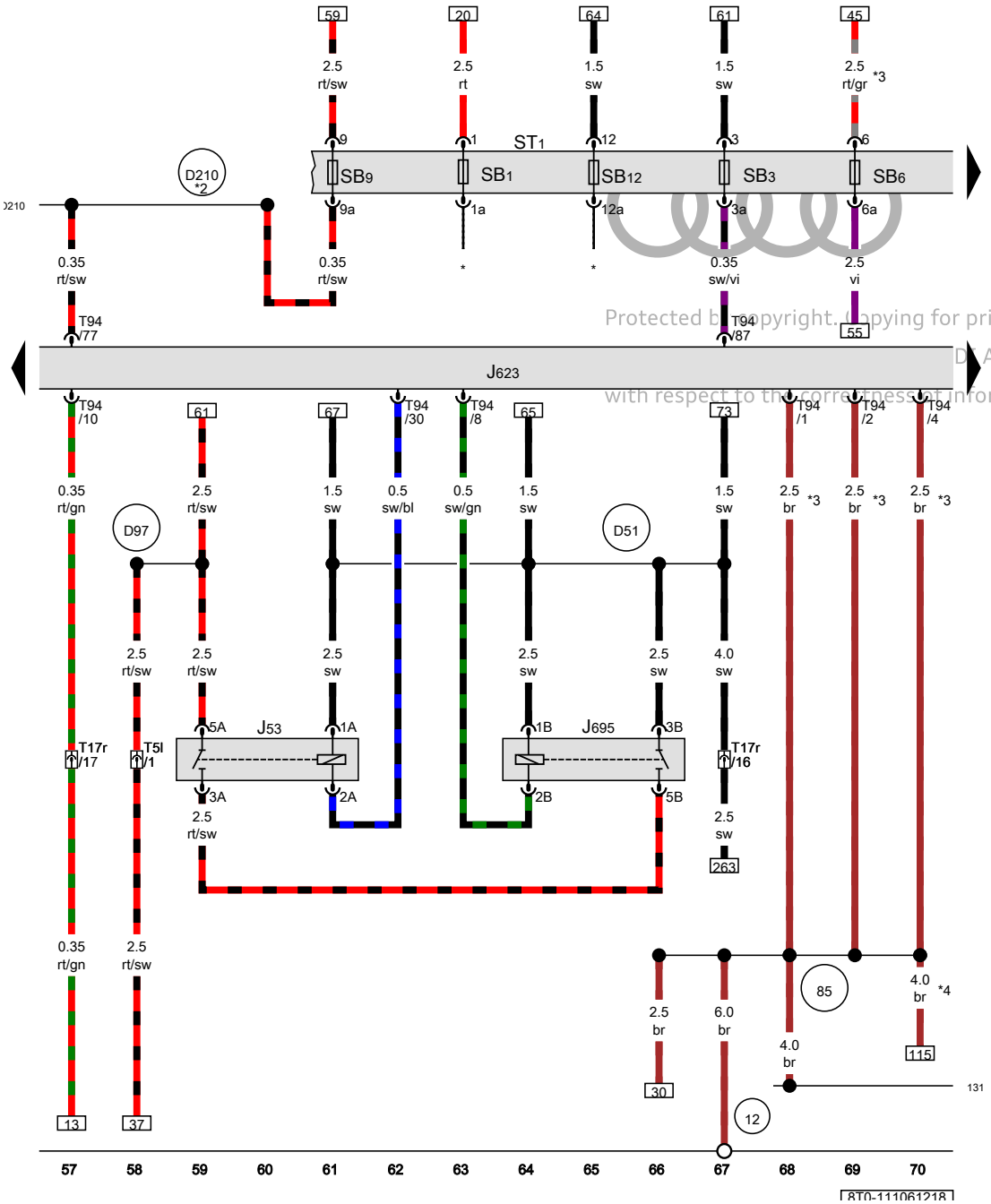


Main relay, Engine component current supply relay

J271	Main relay
J532	Voltage stabiliser
J623	Engine/motor control unit
J757	Engine component current supply relay
T12aa	12-pin connector
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D103	Connection 3 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 start/stop system
*2	Cross-section 1.5 possible
*3	For models with start/stop system

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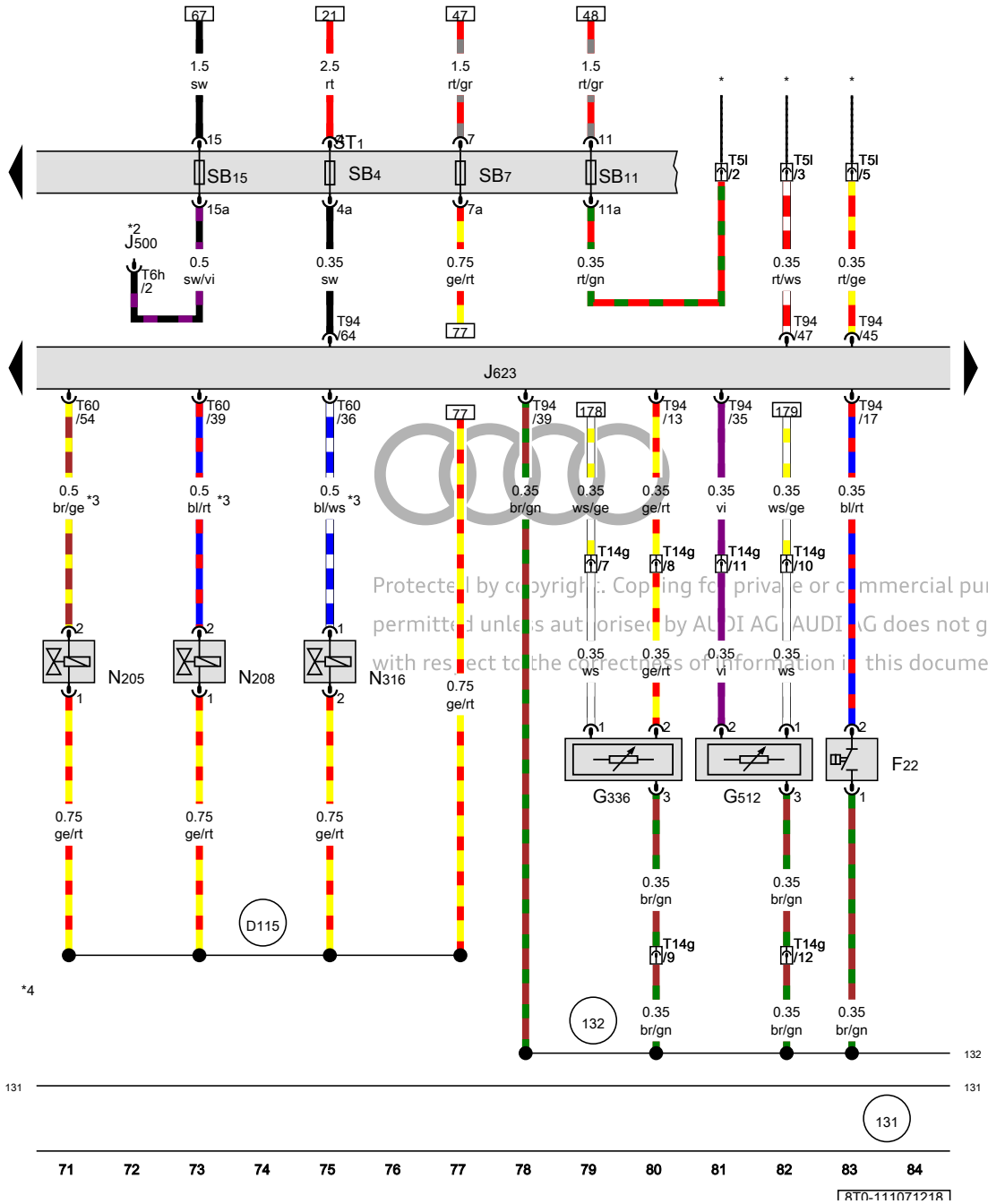


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Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine/motor control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with start/stop system
*3	Cross-section 1.5 possible
*4	From May 2012

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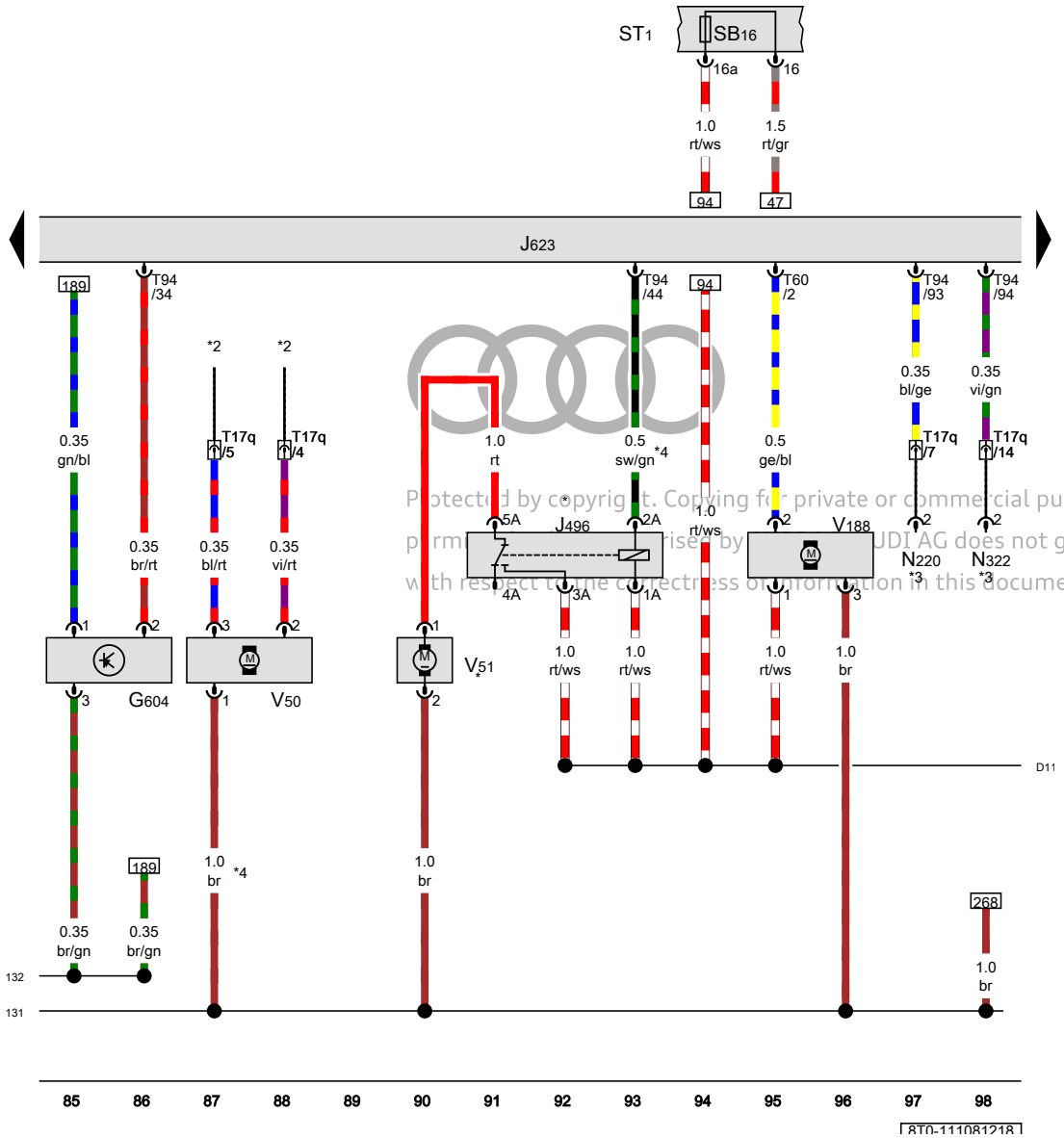


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Oil pressure switch, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Camshaft control valve 1, Camshaft control valve 2

F22	Oil pressure switch
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J500	Power steering control unit
J623	Engine/motor control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N316	Intake manifold flap valve
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T14g	14-pin connector, on right in engine compartment
T60	60-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram
*3	Cross section depends on equipment

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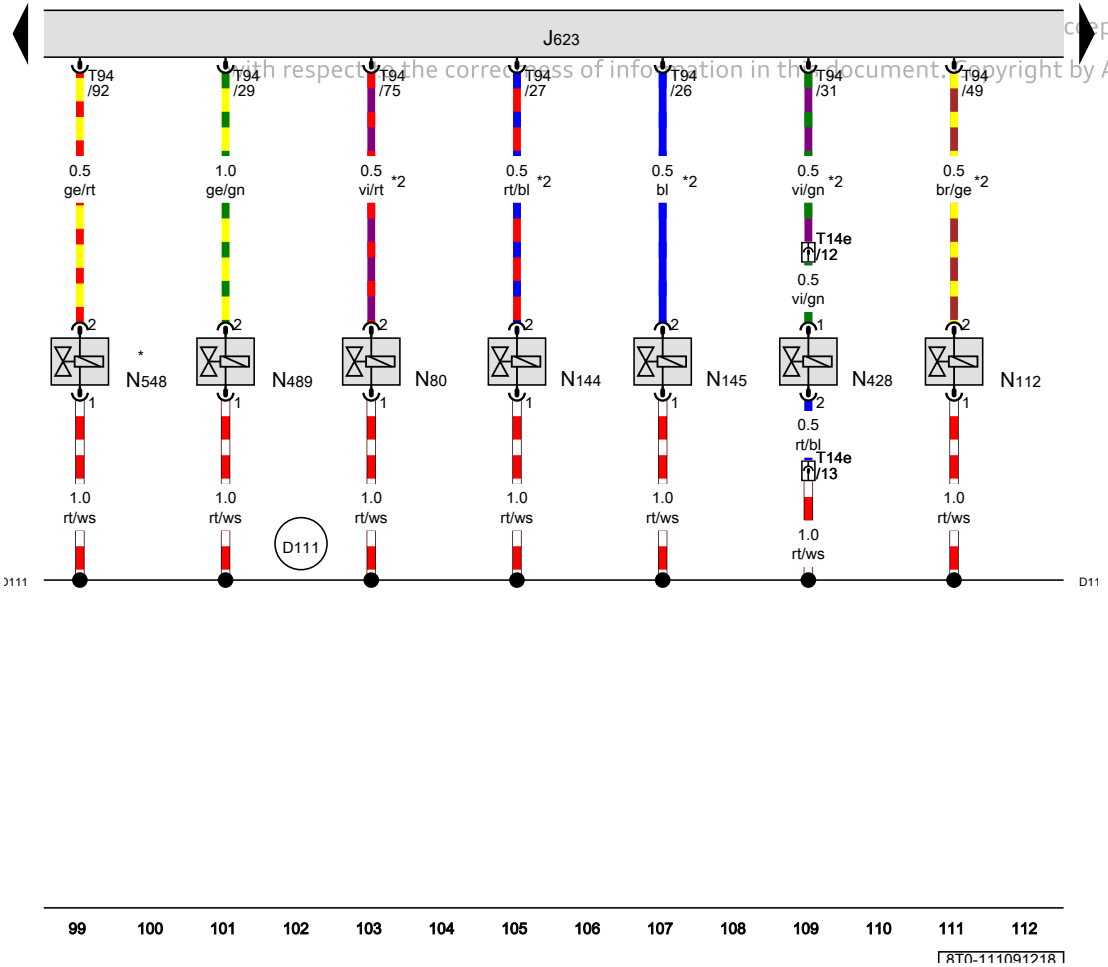
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Continued coolant circulation pump

G604	Gear detection sensor
J496	Additional coolant pump relay
J623	Engine/motor control unit
N220	Exhaust flap valve
N322	Exhaust flap 2 valve
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
V51	Continued coolant circulation pump
V188	Charge air cooling pump
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D111	Connection 9 in engine compartment wiring harness
*	For models with continued coolant circulation pump
*2	see applicable current flow diagram for air conditioning
*3	According to equipment
*4	Cross section depends on equipment

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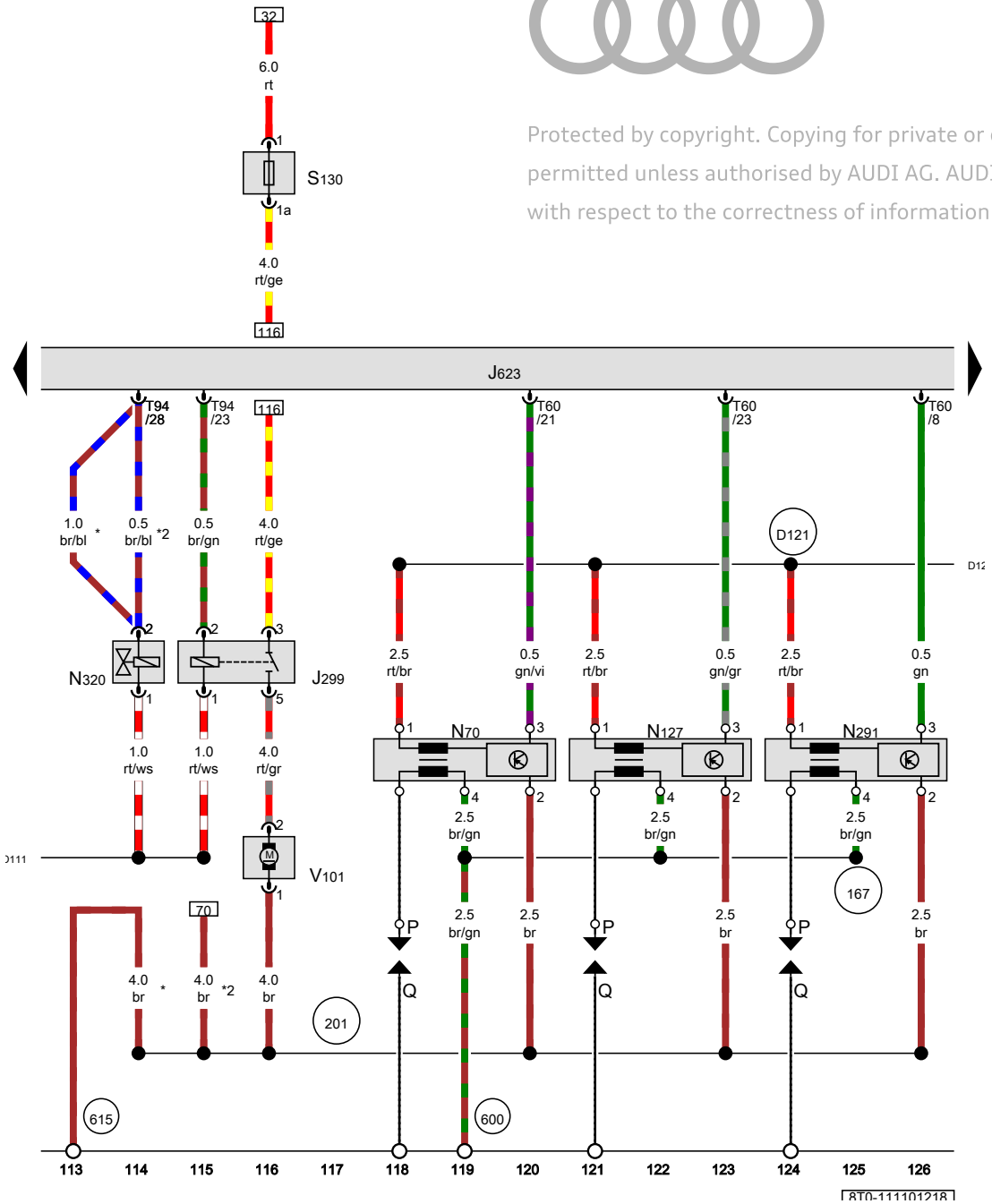


Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Valve for oil pressure control

J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N112	Secondary air inlet valve
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
N548	Crankcase breather shut-off valve
T14e	14-pin connector, on left in engine compartment
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness
*	If fitted
*2	Cross section depends on equipment

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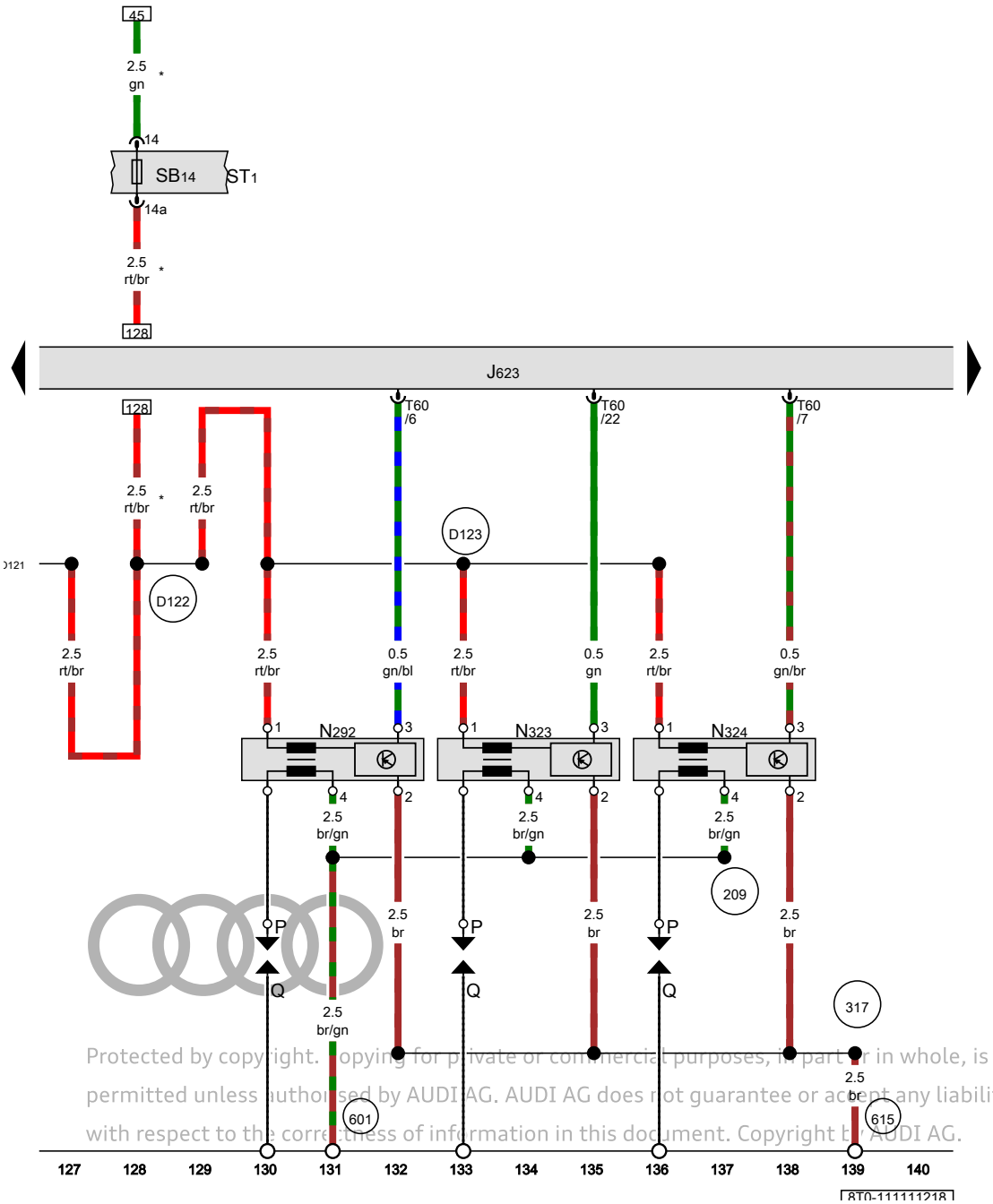
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Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Secondary air inlet valve 2

J299	Secondary air pump relay
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
N320	Secondary air inlet valve 2
P	Spark plug connector
Q	Spark plugs
S130	Secondary air pump fuse
T60	60-pin connector
T94	94-pin connector
V101	Secondary air pump motor
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
615	Earth point, on left suspension strut
D111	Connection 9 in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	Up to April 2012
*2	From May 2012

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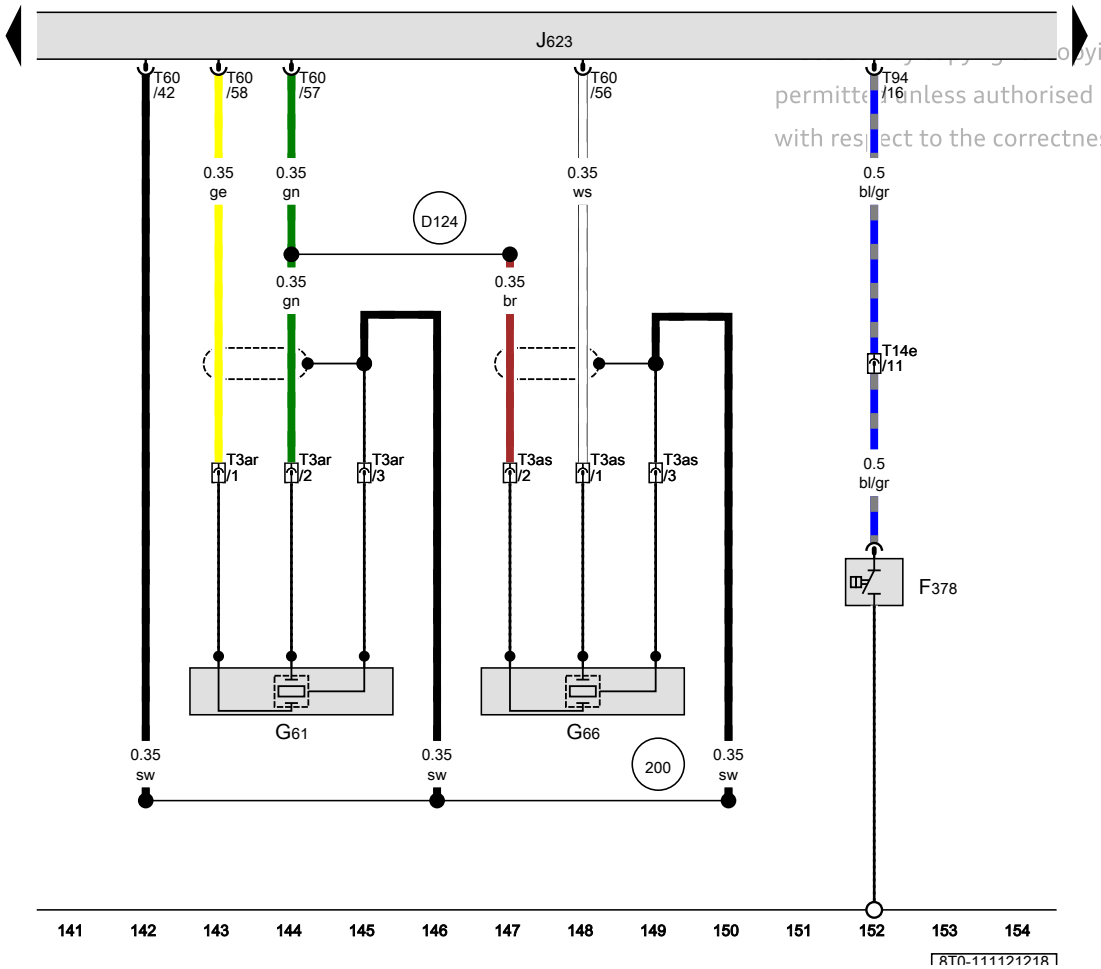
Ignition coil 4 with output stage, Ignition coil 5 with output stage, Ignition coil 6 with output stage

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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T60	60-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness
*	Cross-section 1.5 possible

Oil pressure switch for reduced oil pressure, Knock sensor 1, Knock sensor 2

F378	Oil pressure switch for reduced oil pressure
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit
T3ar	3-pin connector, green
T3as	3-pin connector, grey
T14e	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
D124	Connection 22 in engine compartment wiring harness

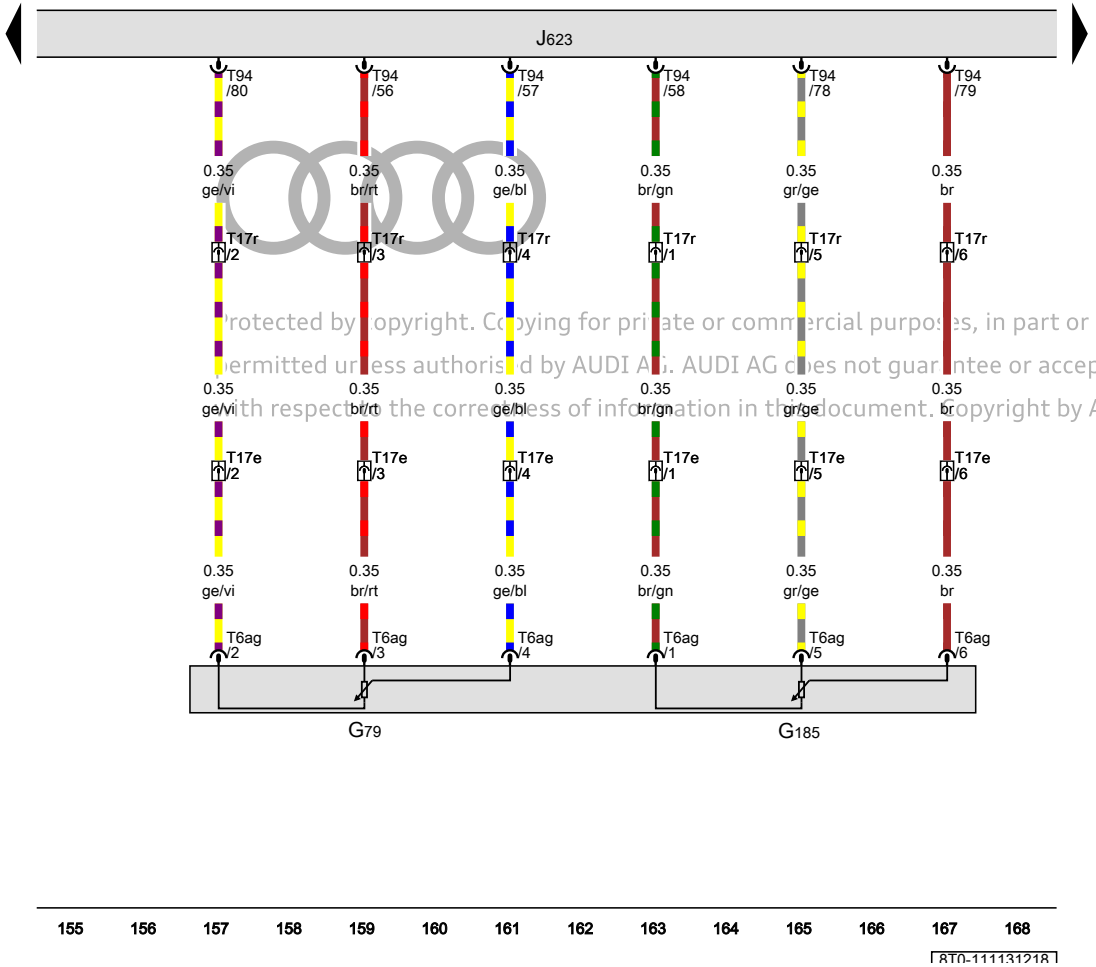
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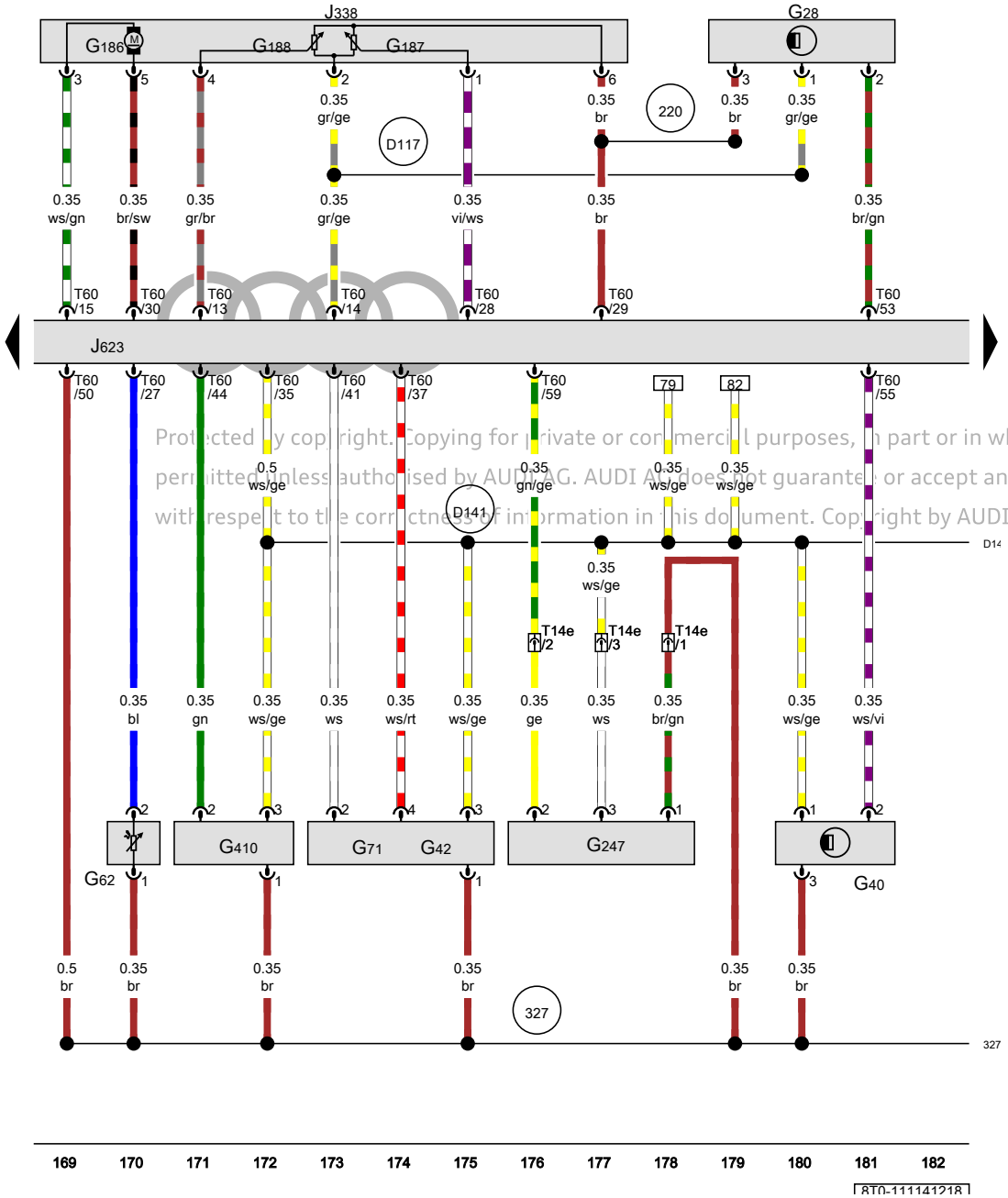
Accelerator position sender, Accelerator position sender 2

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T6ag	6-pin connector
T17e	17-pin connector, green
T17r	17-pin connector, white
T94	94-pin connector



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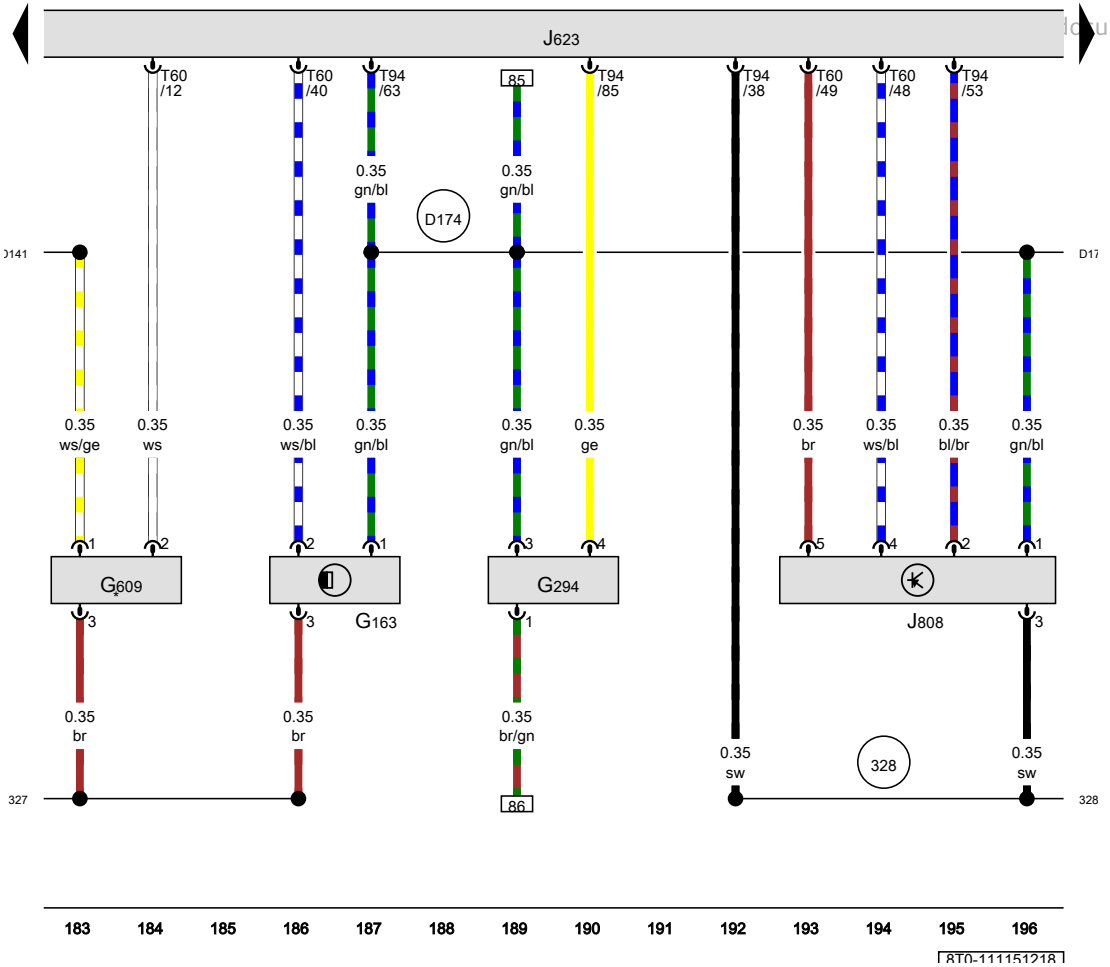
Engine speed sender, Hall sender, Coolant temperature sender, Fuel pressure sender, Throttle valve module

G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure 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
G247	Fuel pressure sender
G410	Fuel pressure sender for low pressure
J338	Throttle valve module
J623	Engine/motor control unit
T14e	14-pin connector, on left in engine compartment
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness

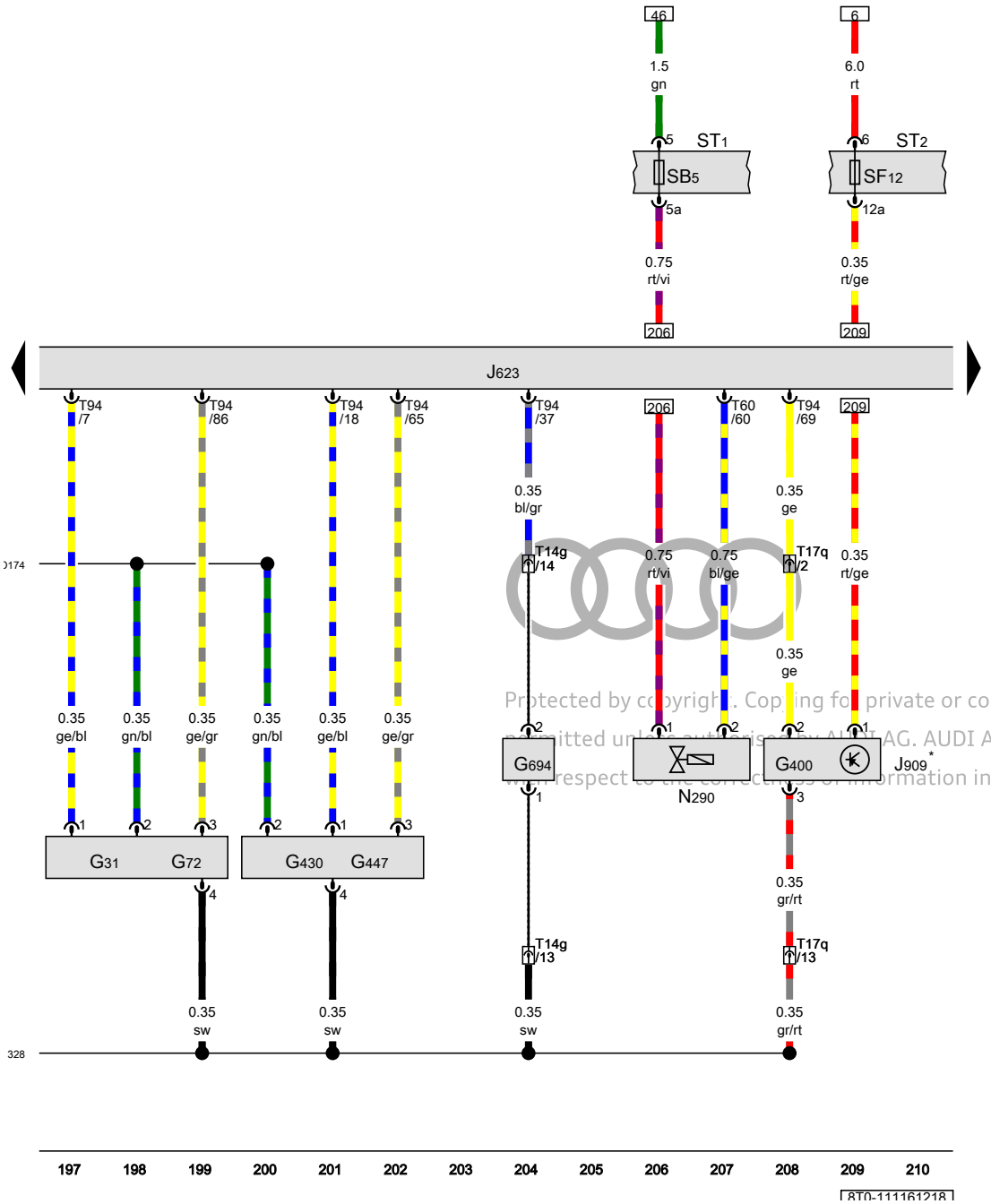
Hall sender 2, Brake servo pressure sensor, Regulating flap control unit

G163	Hall sender 2
G294	Brake servo pressure sensor
G609	Sender 1 for secondary air pressure
J623	Engine/motor control unit
J808	Regulating flap control unit
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
*	For models with US equipment

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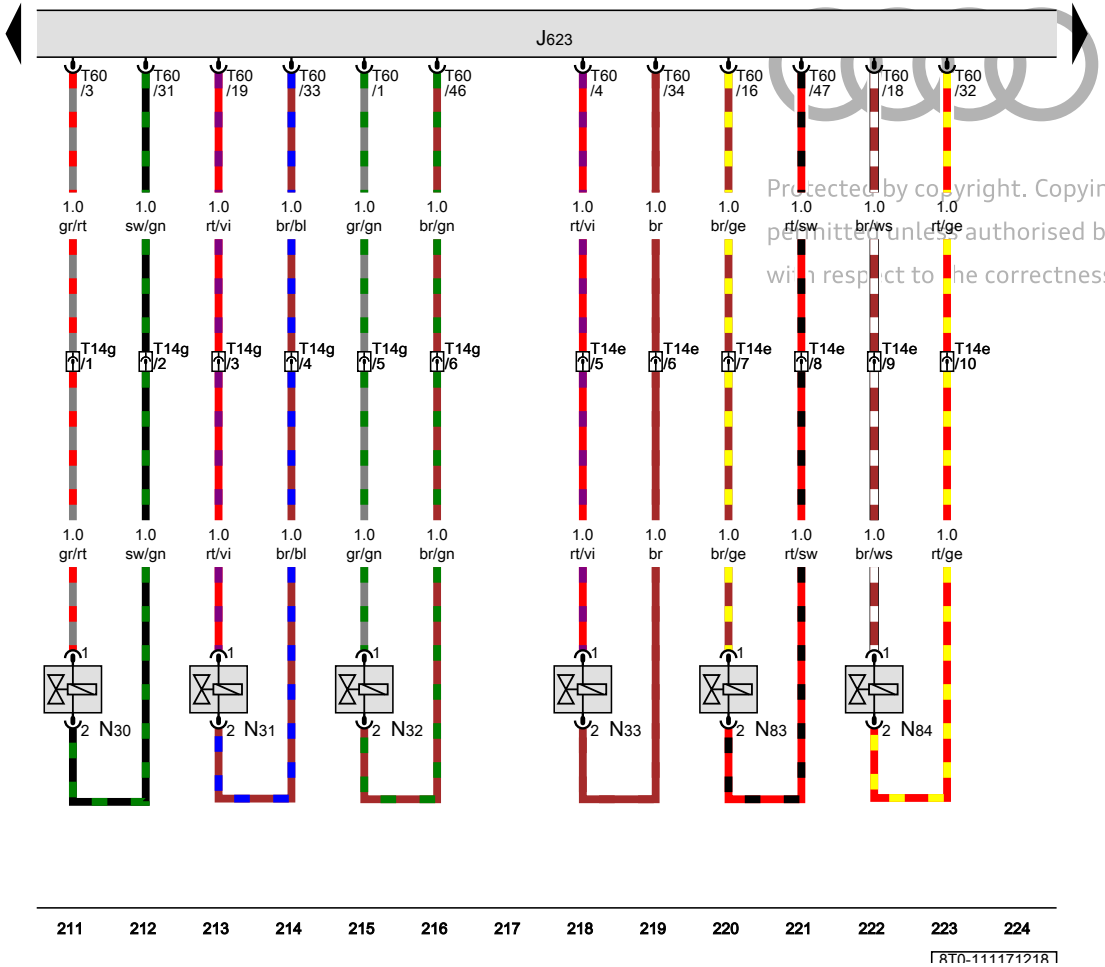
Charge pressure sender, Intake manifold temperature sender 2, Charge pressure sender 2, Control unit for fuel tank leak detection

G31	Charge pressure sender
G72	Intake manifold temperature sender
G400	Tank pressure sensor
G430	Intake manifold temperature sender 2
G447	Charge pressure sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
N290	Fuel metering valve
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
SF12	Fuse 12 in fuse holder F
T14g	14-pin connector, on right in engine compartment
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	For models with fuel system diagnostic pump

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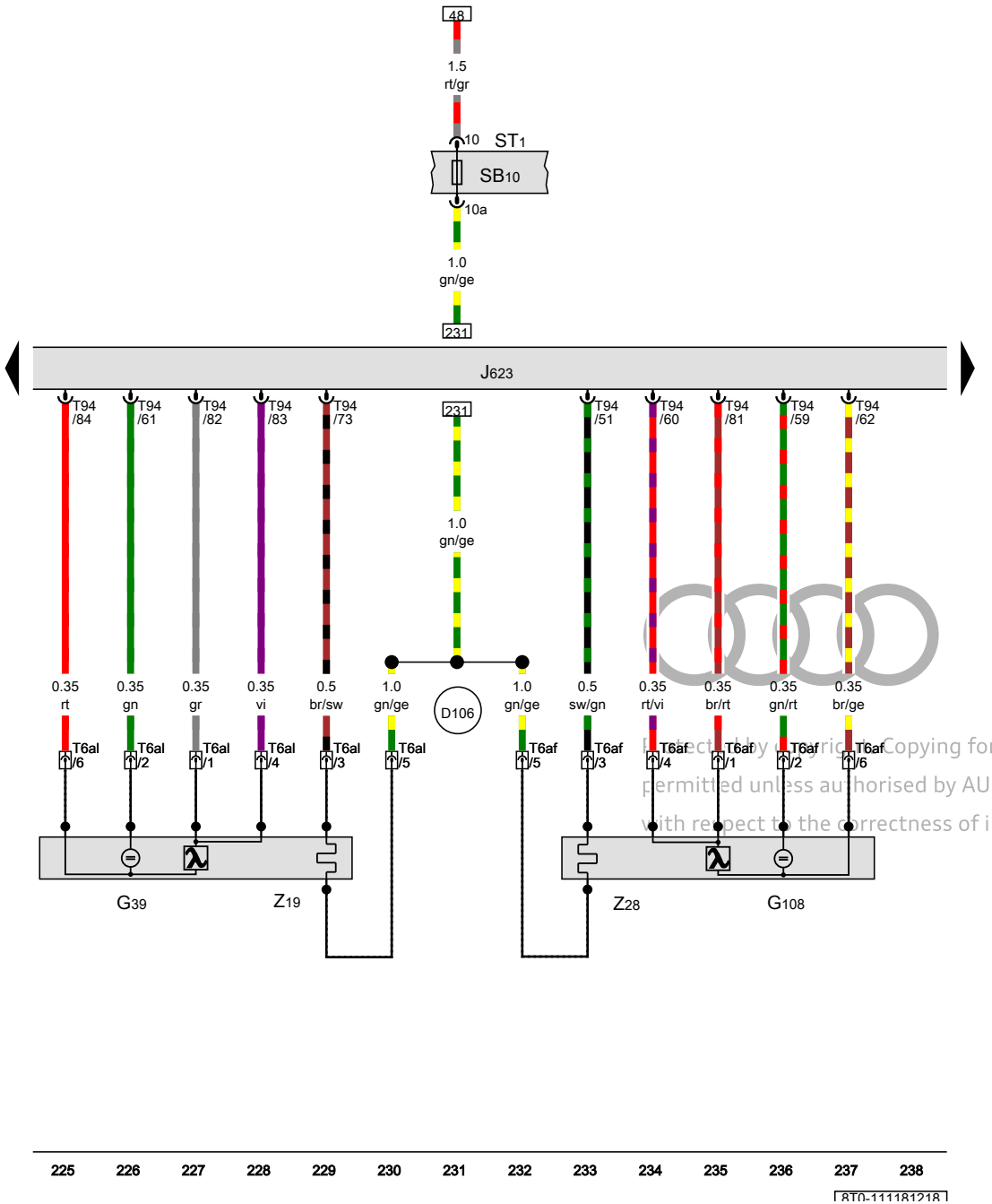
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 6

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
T14e	14-pin connector, on left in engine compartment
T14g	14-pin connector, on right in engine compartment
T60	60-pin connector



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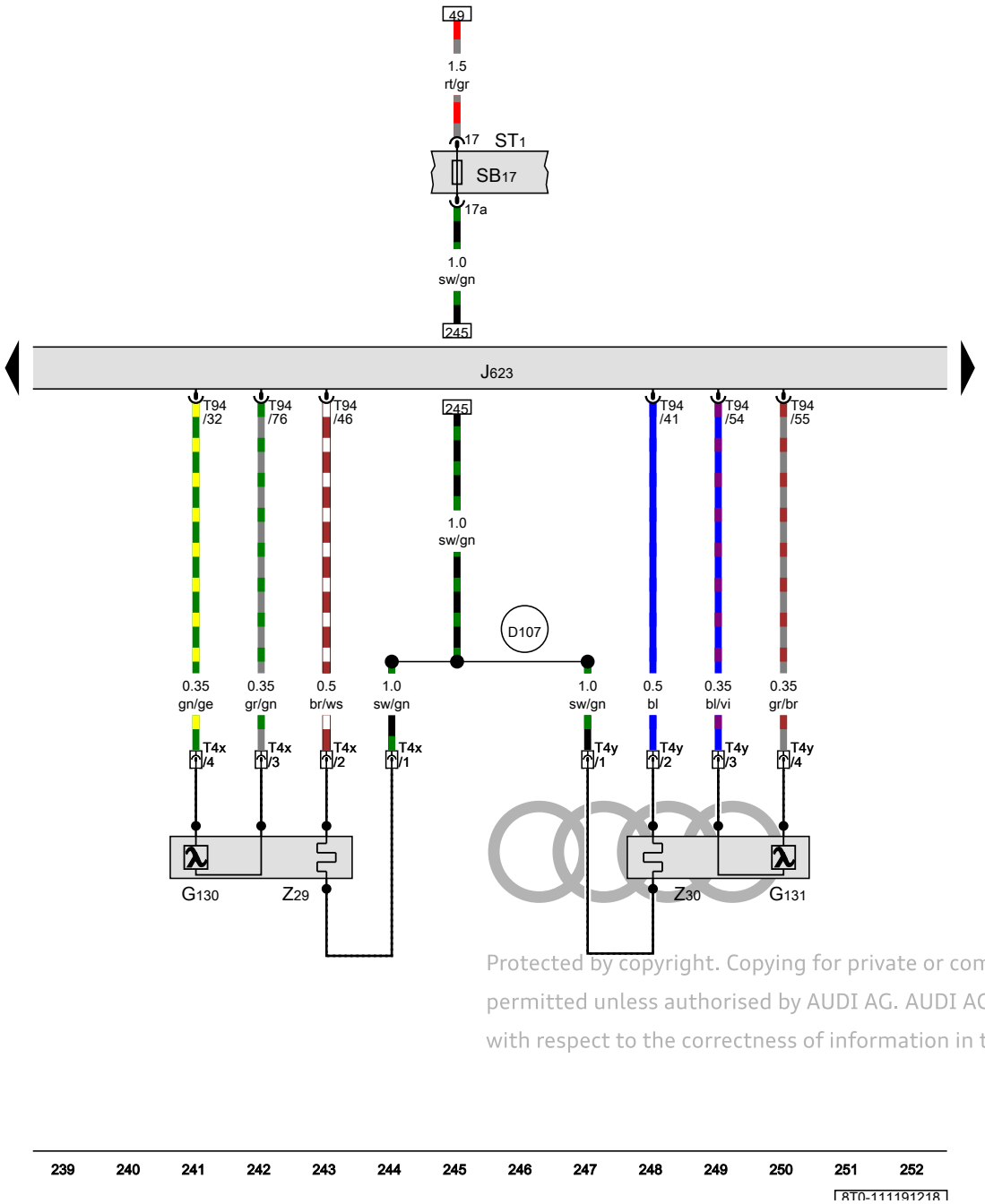


Lambda probe, Lambda probe 2

G39	Lambda probe
G108	Lambda probe 2
J623	Engine/motor control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6af	6-pin connector, black
T6al	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

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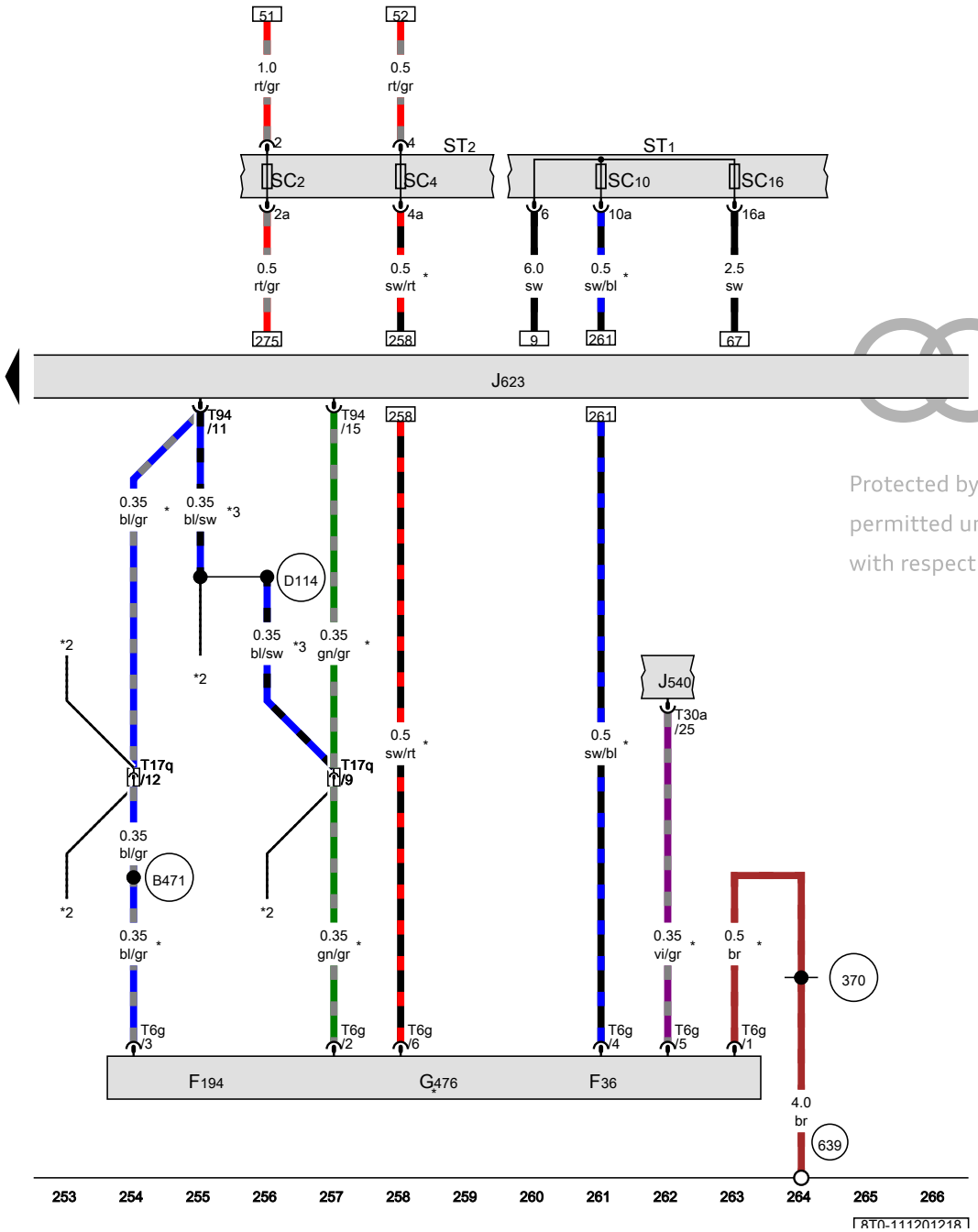


Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine/motor control unit
ST1	Fuse carrier 1
SB17	Fuse 17 on fuse holder B
T4x	4-pin connector, black
T4y	4-pin connector, brown
T94	94-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness

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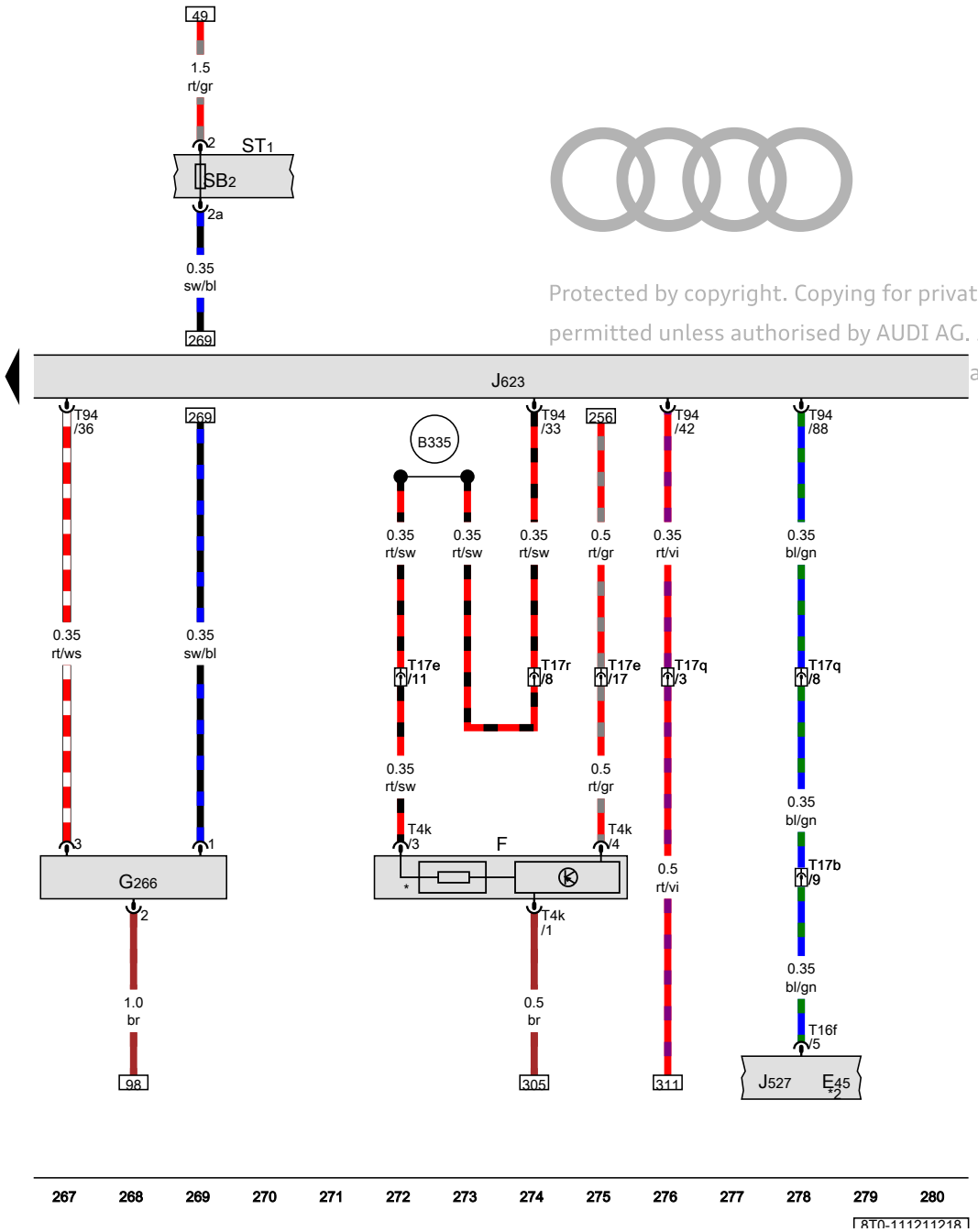


Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	For models with manual gearbox
*2	see applicable current flow diagram for automatic gearbox
*3	For models with automatic gearbox

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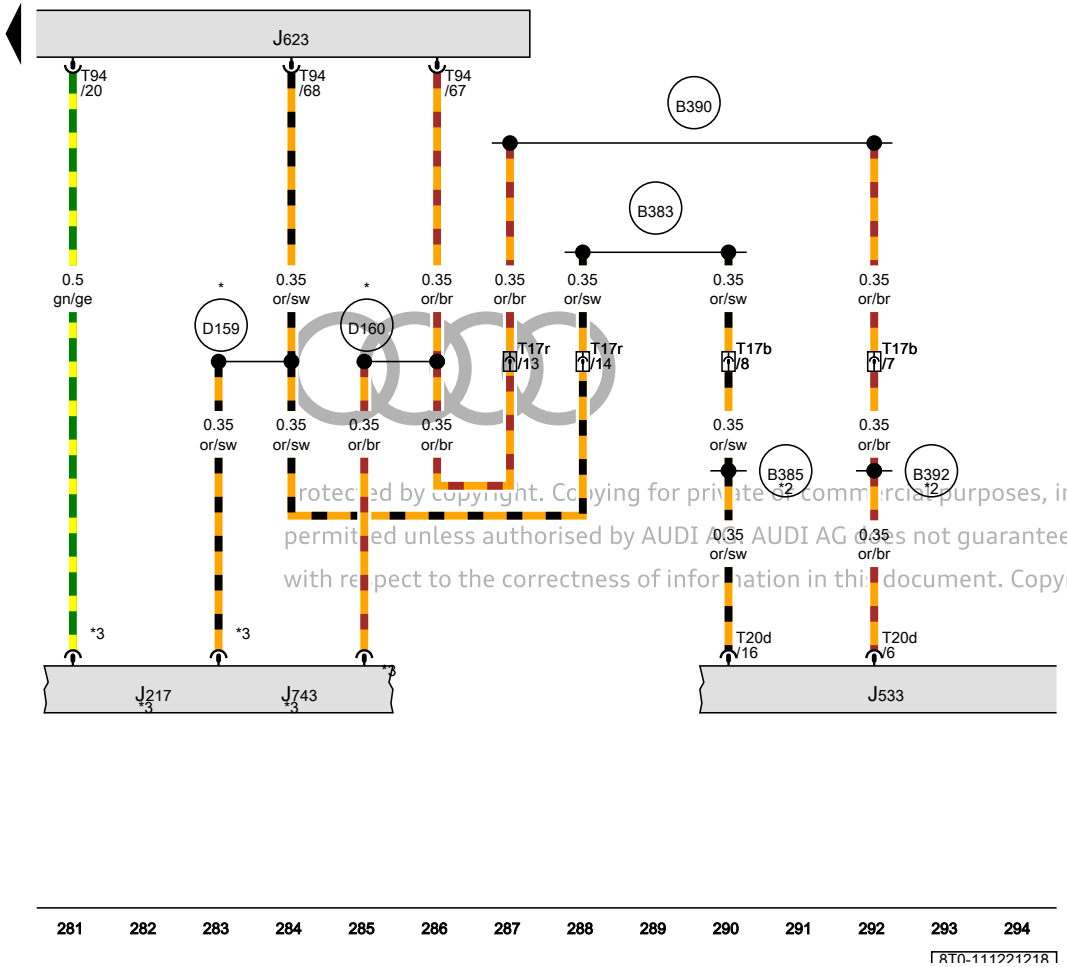


Brake light switch, Oil level and oil temperature sender, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine/motor control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	For models with cruise control system (CCS)

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Data bus diagnostic interface

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
J623 Engine/motor control unit
J743 Mechatronic unit for dual clutch gearbox
T17b 17-pin connector, blue
T17r 17-pin connector, white
T20d 20-pin connector
T94 94-pin connector

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

B385 Connection 3 (powertrain CAN bus, high), in main wiring harness

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

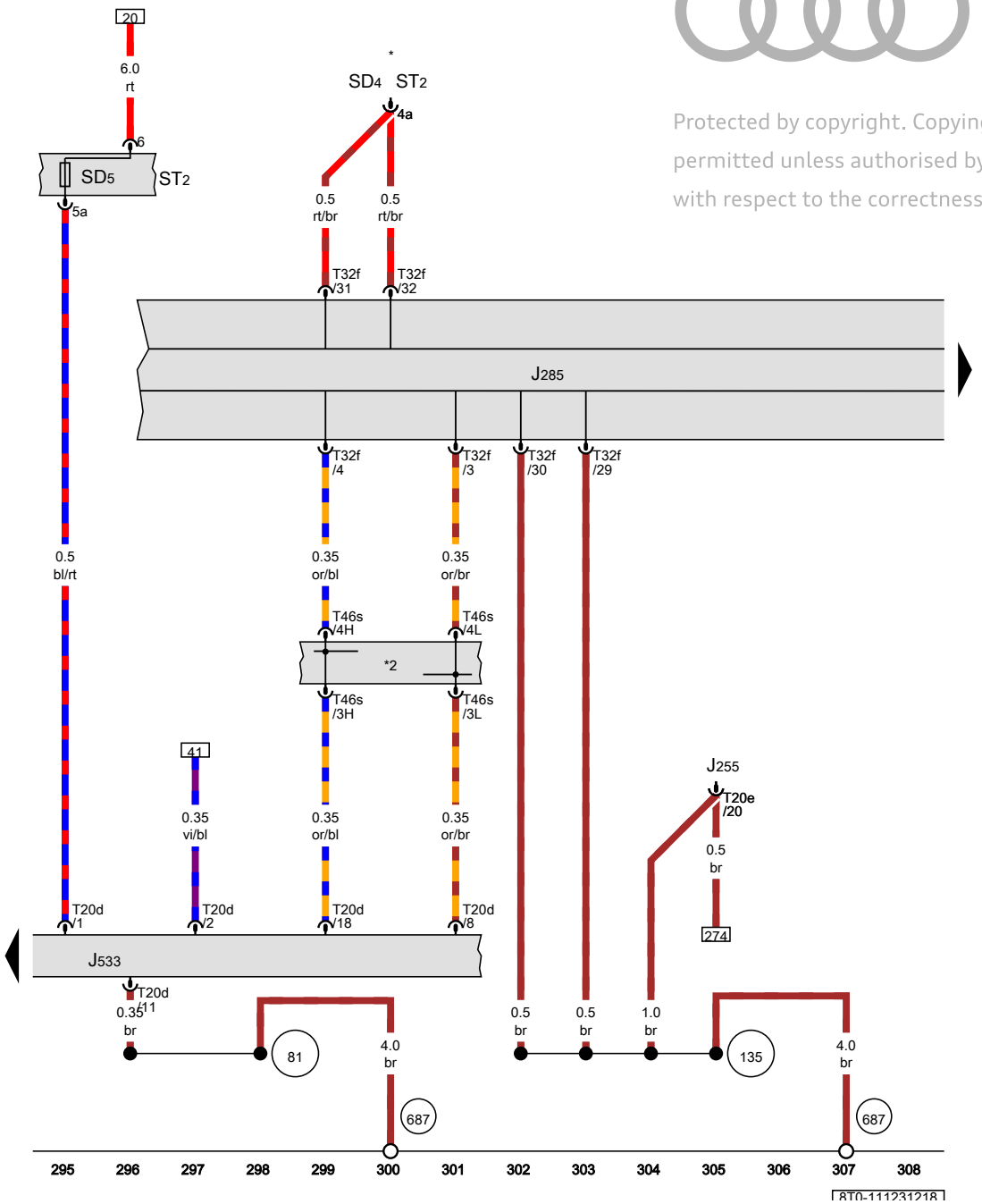
B392 Connection 3 (powertrain CAN bus, low), in main wiring harness

D159 Connection (high bus), in engine compartment wiring harness

D160 Connection (low bus), in engine compartment wiring harness

* For models with automatic gearbox
*2 Gradually discontinued
*3 see applicable current flow diagram for automatic gearbox

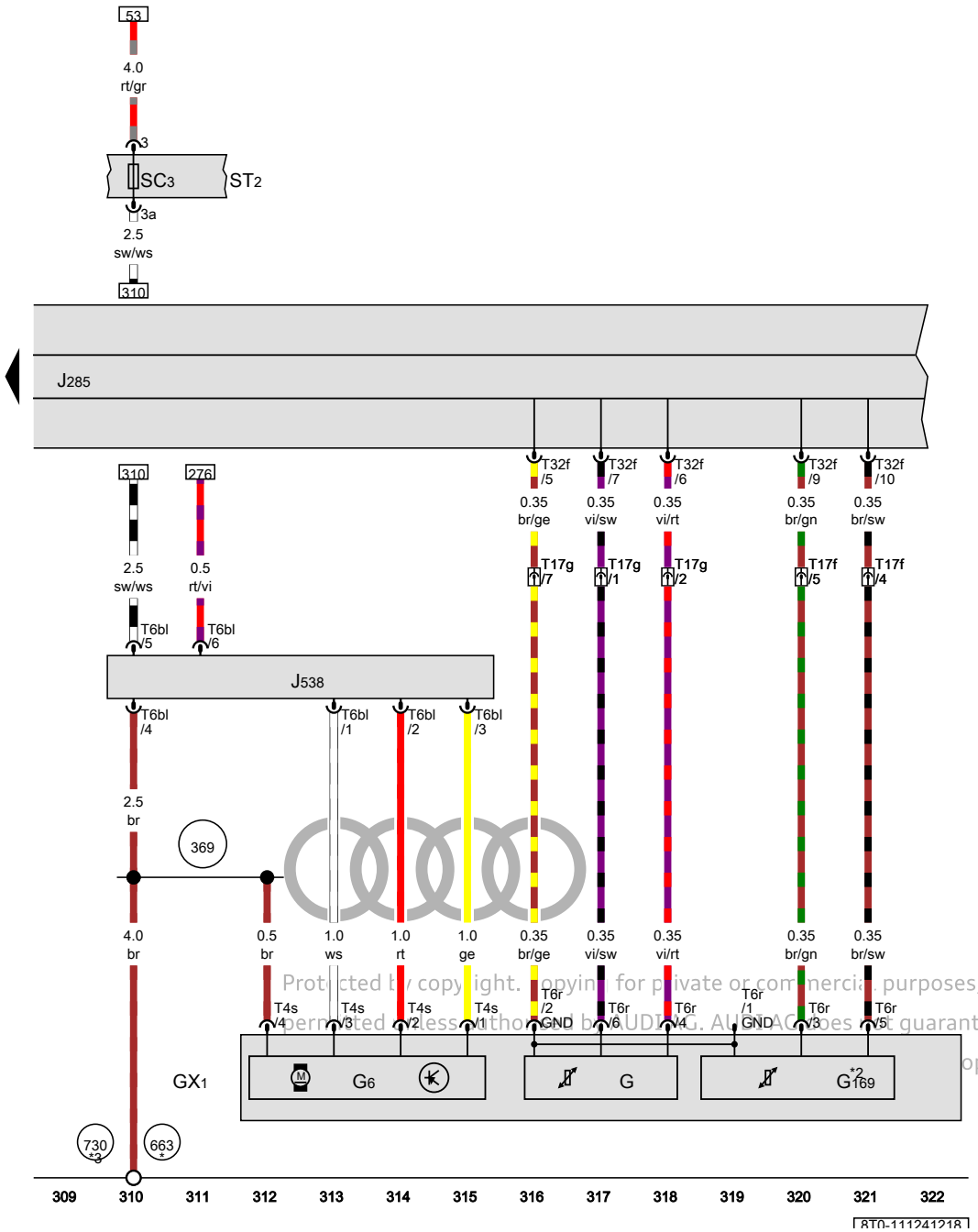
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Control unit in dash panel insert, Data bus diagnostic interface

J255	Climatronic control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T20e	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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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 delivery unit, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	For models with 2 doors
*2	For models with all-wheel drive
*3	For models with 5 doors

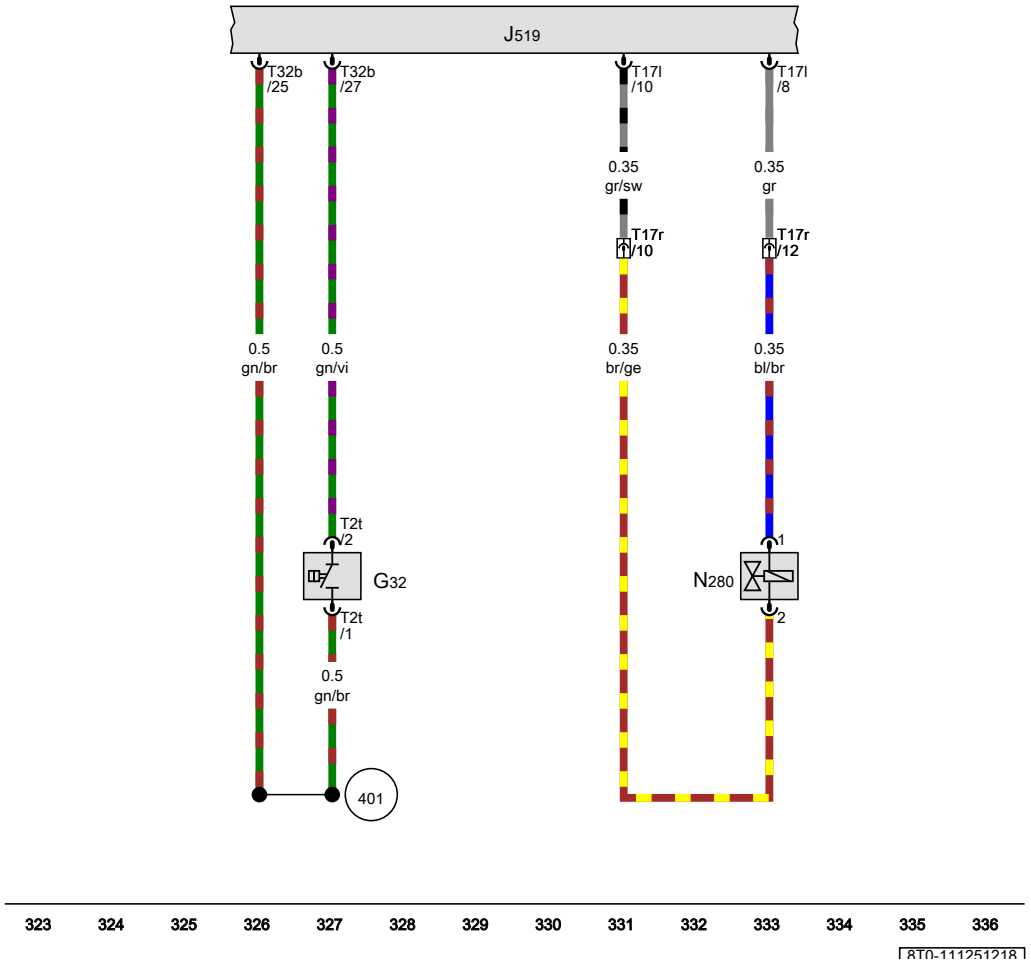
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Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness

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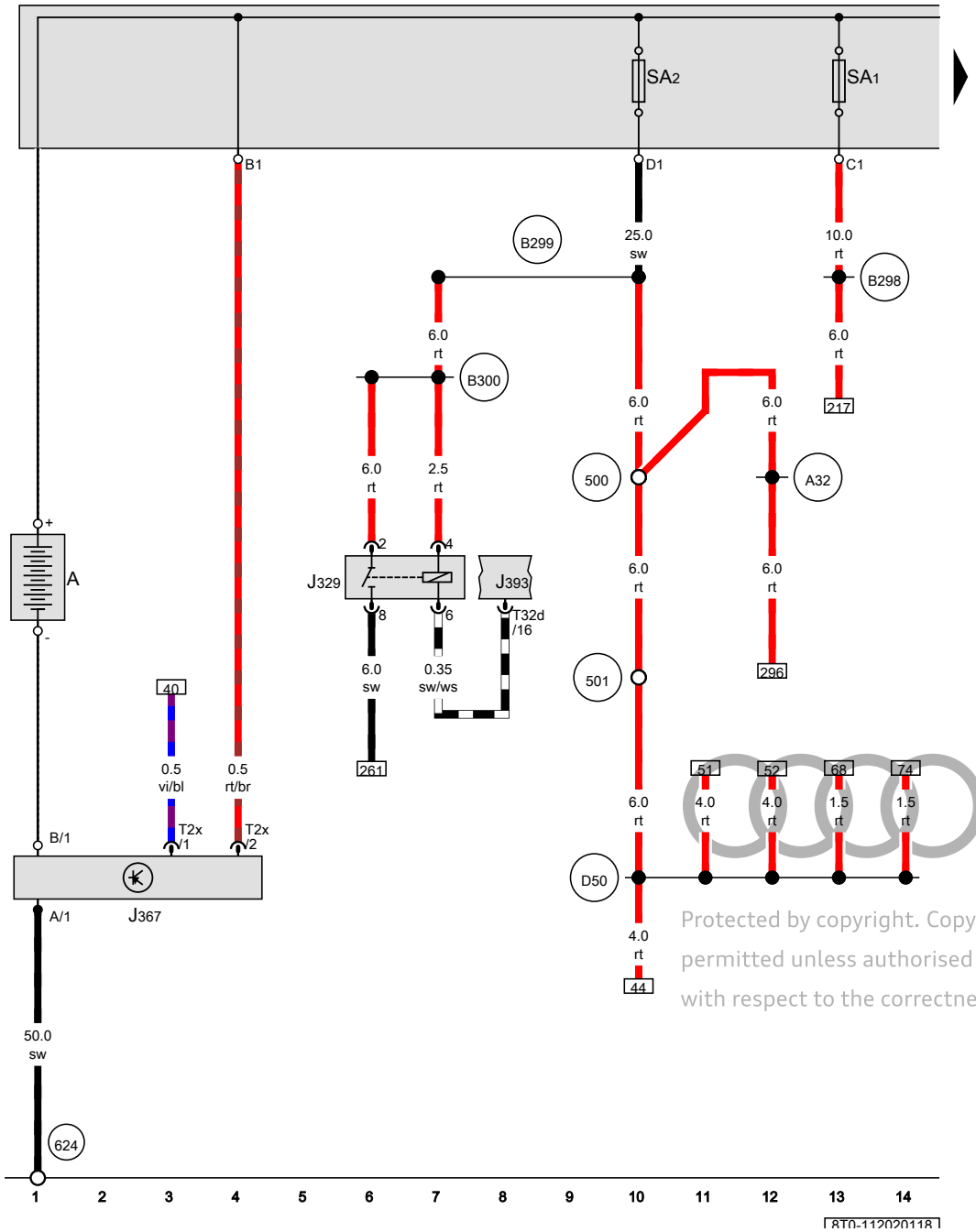


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rs	=	pink

2.0l petrol engine , CADA,CAEB,CAED,CDNB,CDNC,CDZA,CFKA,CPMA,CPMB

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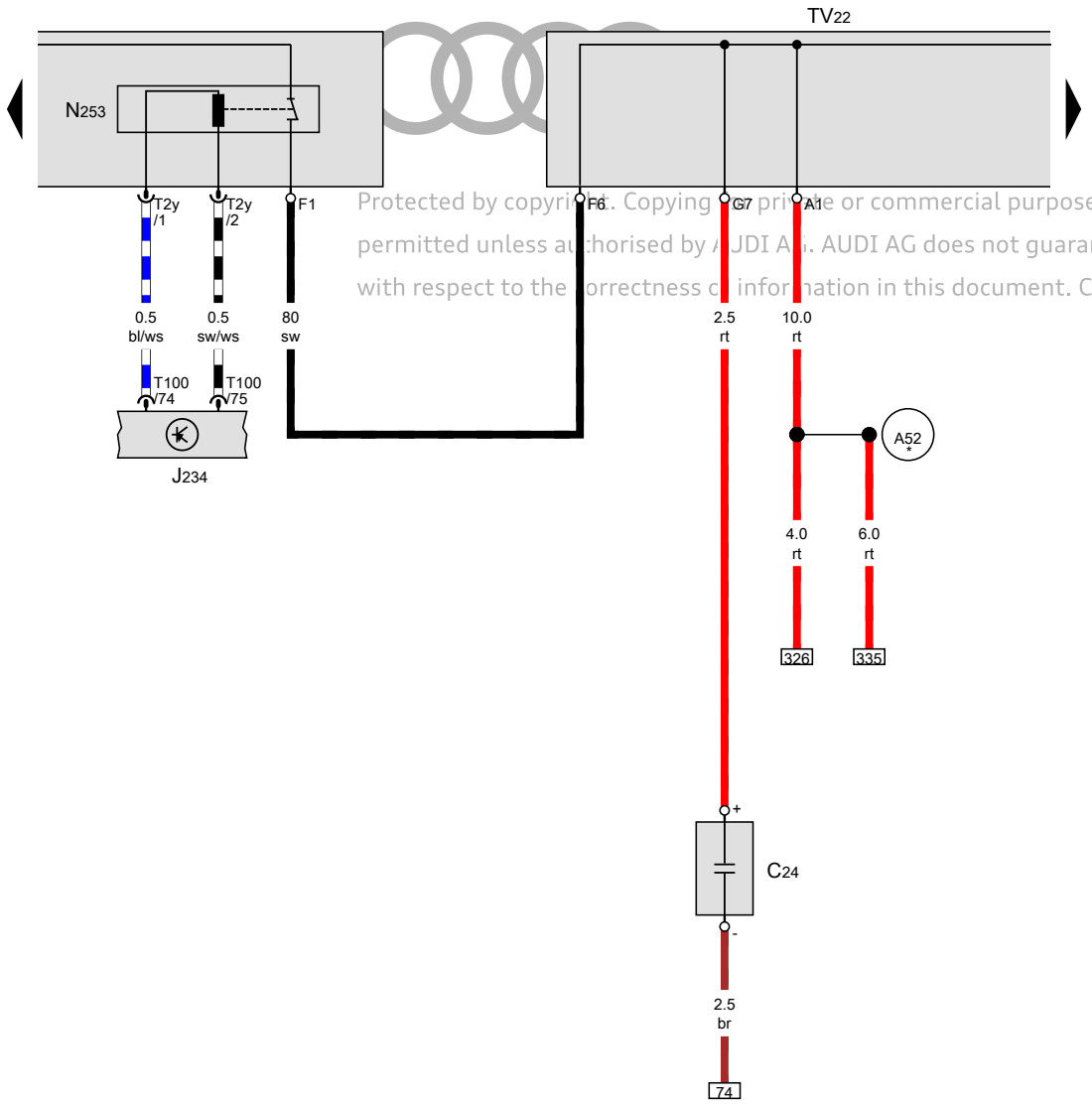


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
T2x	2-pin connector
T32d	32-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
624	Earth point, starter battery
A32	Positive connection (30), in dash panel wiring harness
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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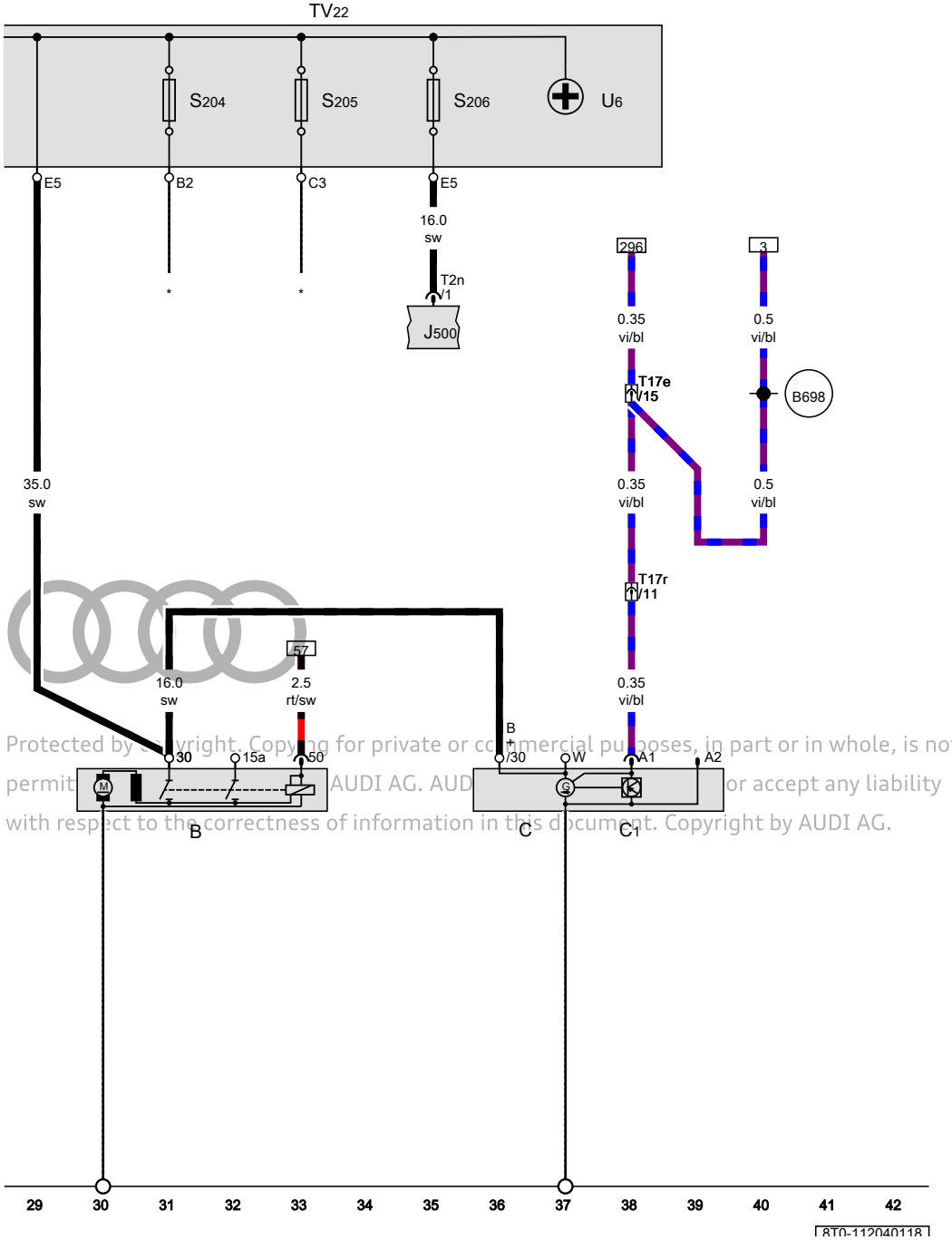


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Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
A52	Positive connection 2 (30), in dash panel wiring harness
*	For models with Flex Fuel

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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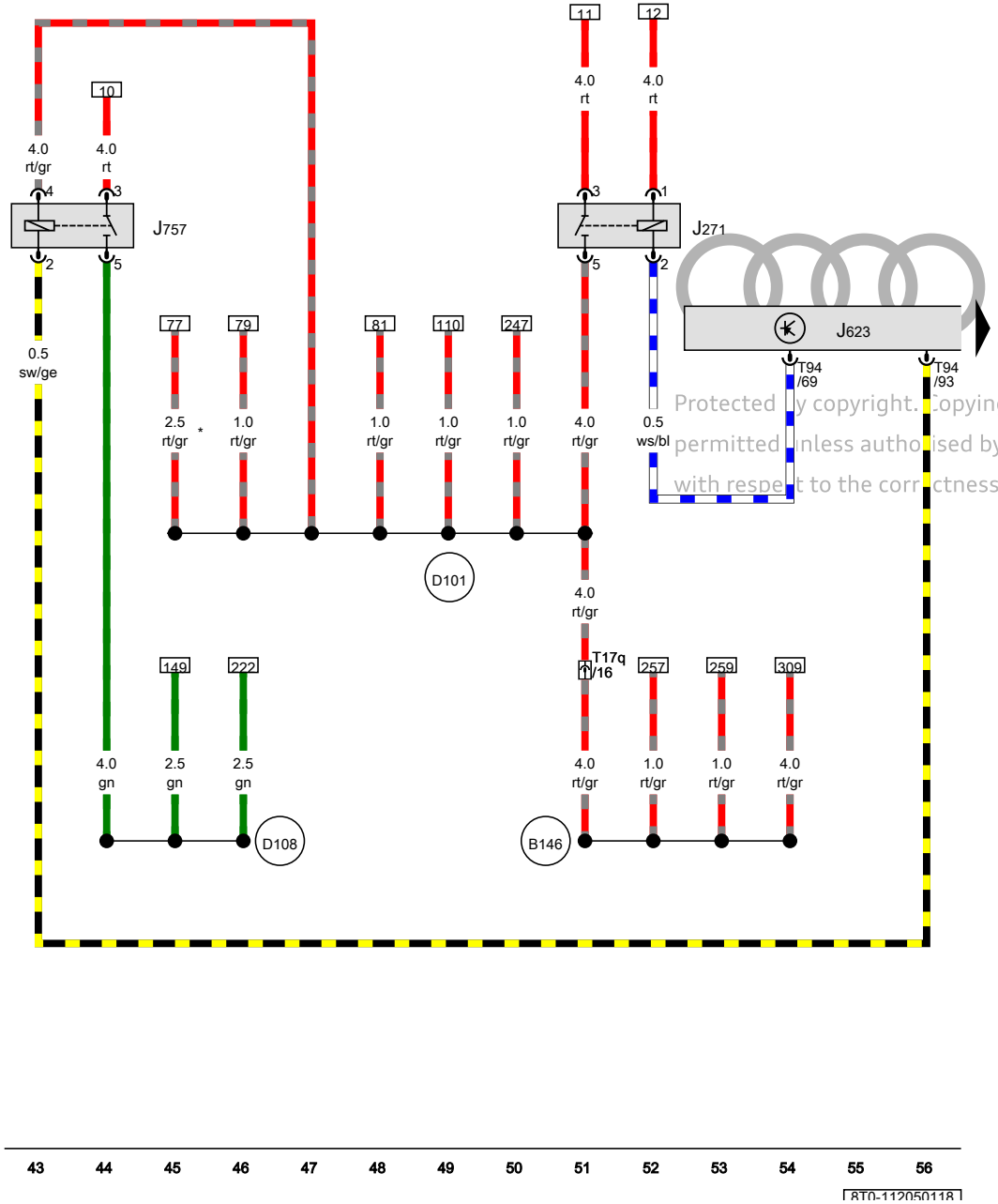
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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sw	=	black
ro	=	red
rt	=	red
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gn	=	green
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li	=	purple
vi	=	purple
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rs	=	pink

Main relay, Engine component current supply relay

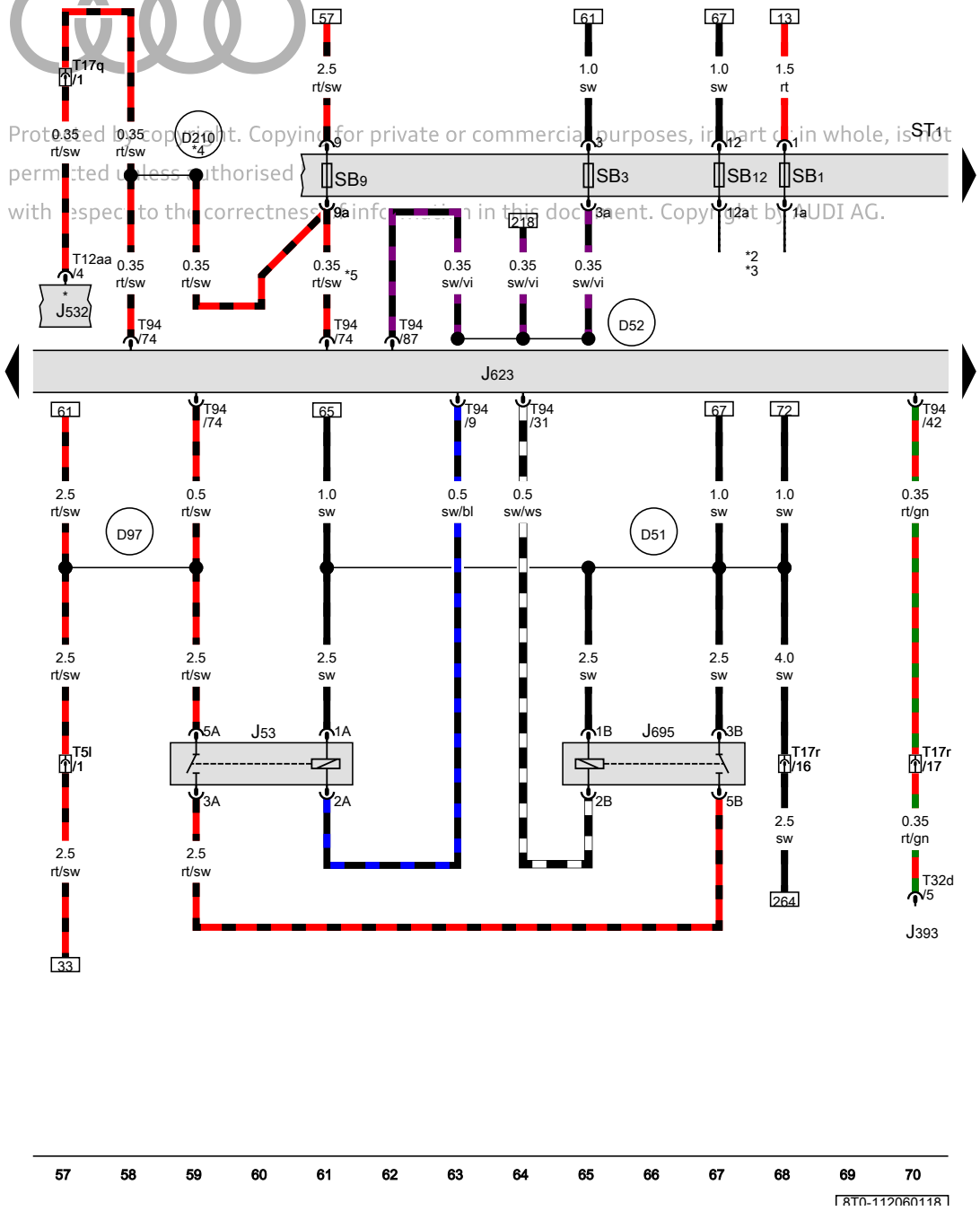
J271	Main relay
J623	Engine/motor control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Cross-section 1.5 possible



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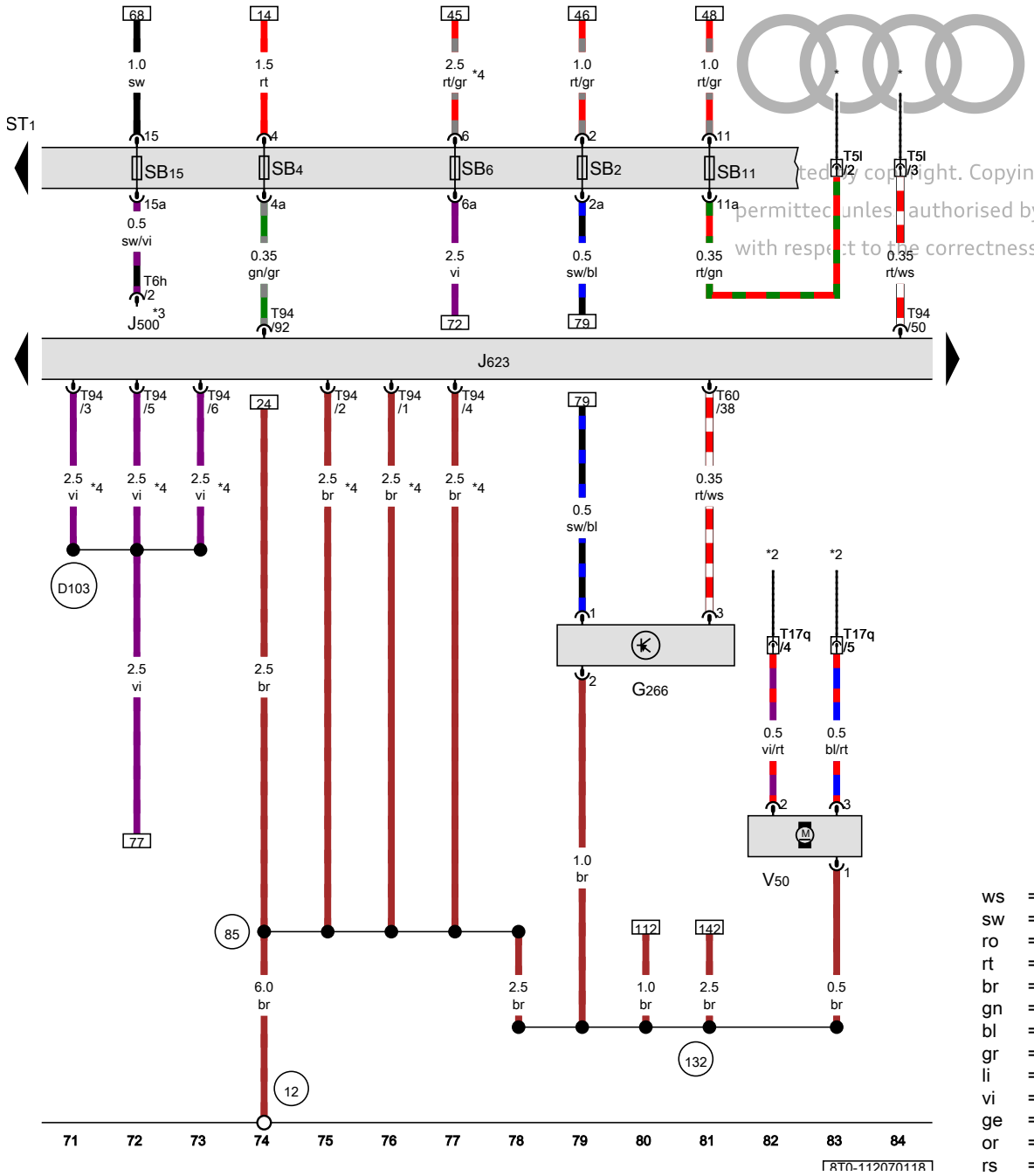
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Starter motor relay, Starter motor relay 2, Fuse carrier 1

J53	Starter motor relay
J393	Convenience system central control unit
J532	Voltage stabiliser
J623	Engine/motor control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	For models with stop/start system
*2	For models with automatic gearbox
*3	see applicable current flow diagram for gearbox
*4	For models with start/stop system
*5	For models with no start/stop system



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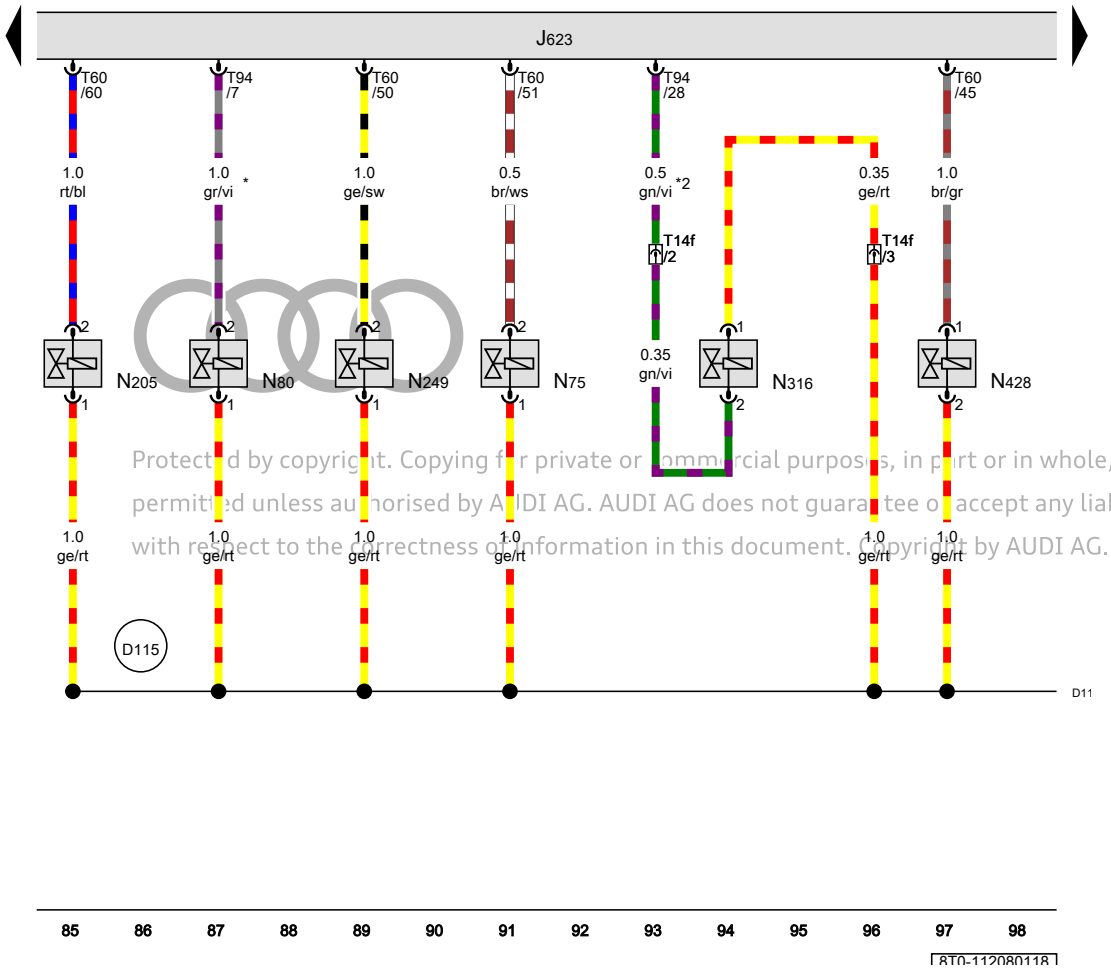
Oil level and oil temperature sender, Fuse carrier 1, Coolant circulation pump

G266	Oil level and oil temperature sender
J500	Power steering control unit
J623	Engine/motor control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector
T6h	6-pin connector
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for air conditioning
*3	see applicable current flow diagram
*4	Cross-section 1.5 possible

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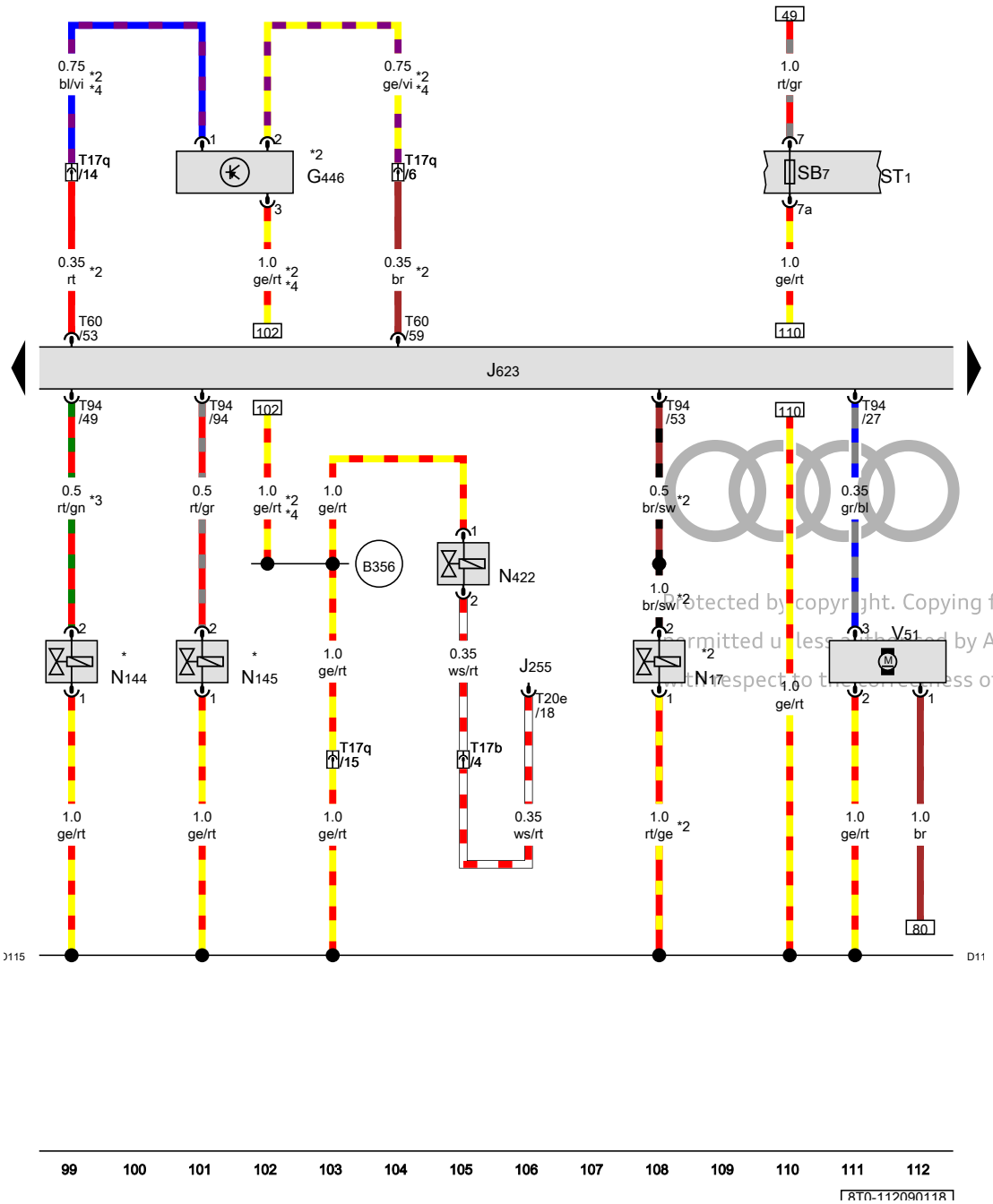
Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Valve for oil pressure control

J623	Engine/motor control unit
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T14f	14-pin connector
T60	60-pin connector
T94	94-pin connector
D115	Connection 13 in engine compartment wiring harness
*	Wiring colour depends on equipment
*2	Cross section depends on equipment



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ge	=	yellow
or	=	orange
rs	=	pink



Fuel quality sender, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Continued coolant circulation pump

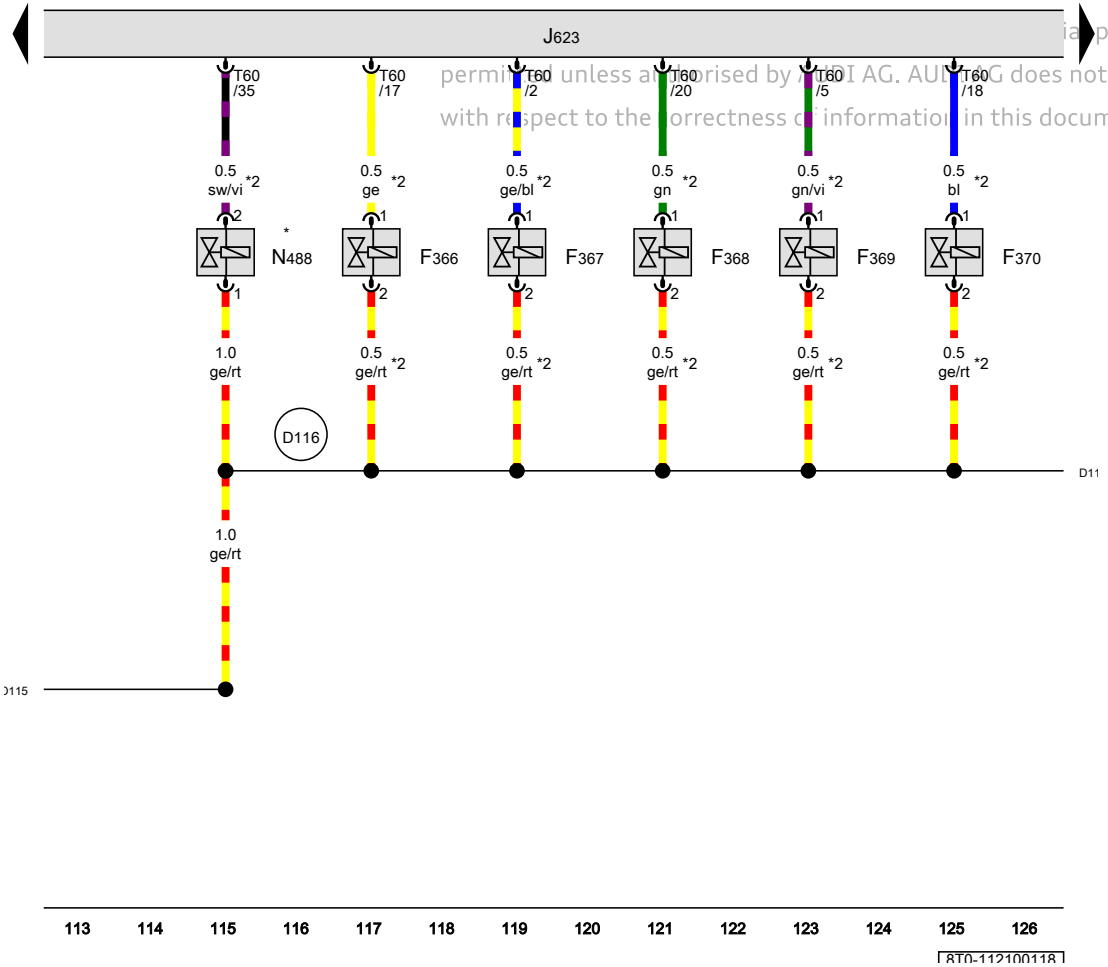
G446	Fuel quality sender
J255	Climatronic control unit
J623	Engine/motor control unit
N17	Cold start valve
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
B356	Positive connection 7 (87a) in main wiring harness
D115	Connection 13 in engine compartment wiring harness
*	For models with automatic gearbox
*2	For models with Flex Fuel
*3	Cross section depends on equipment
*4	Wiring colour depends on equipment

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sw	=	black
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Actuator 1 for camshaft adjustment

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
J623	Engine/motor control unit
N488	Coolant valve for gearbox
T60	60-pin connector
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
*	For models with manual gearbox
*2	Cross section depends on equipment

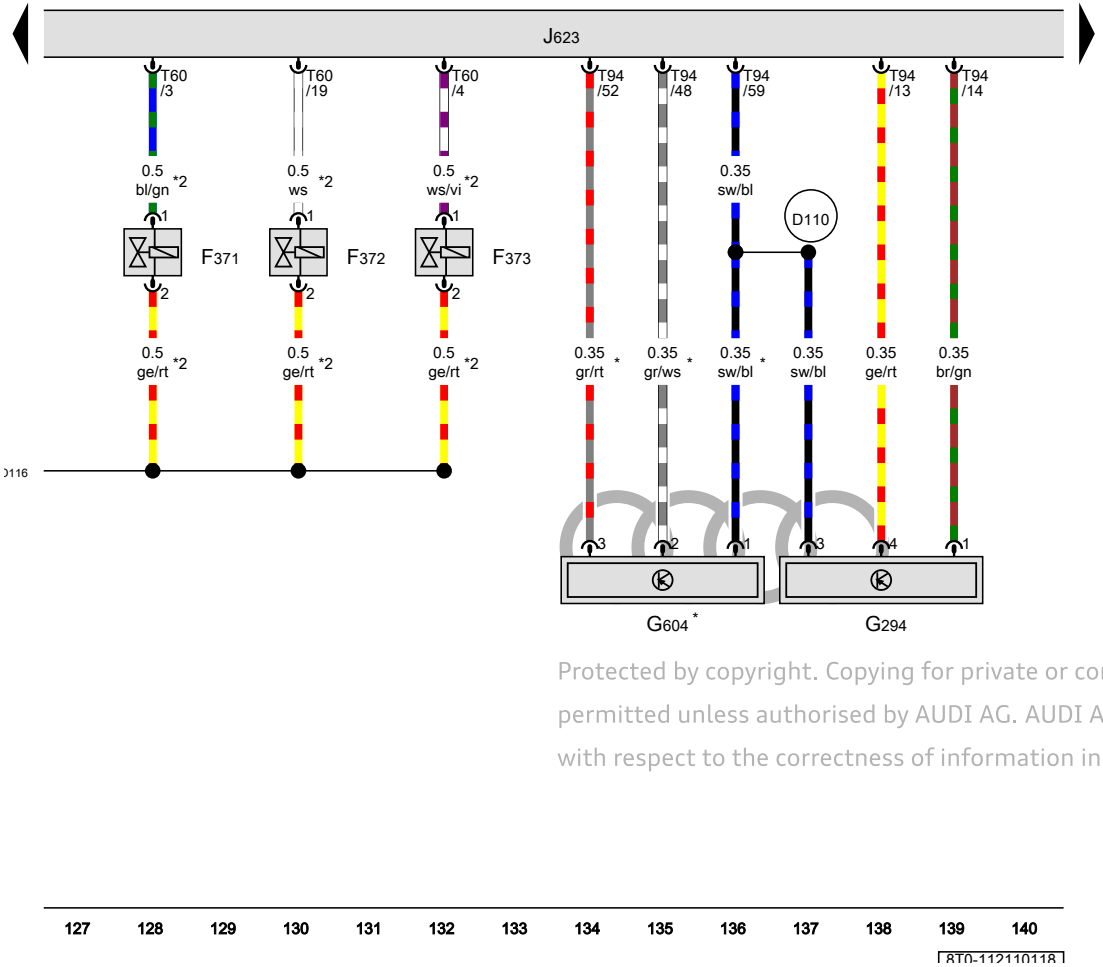


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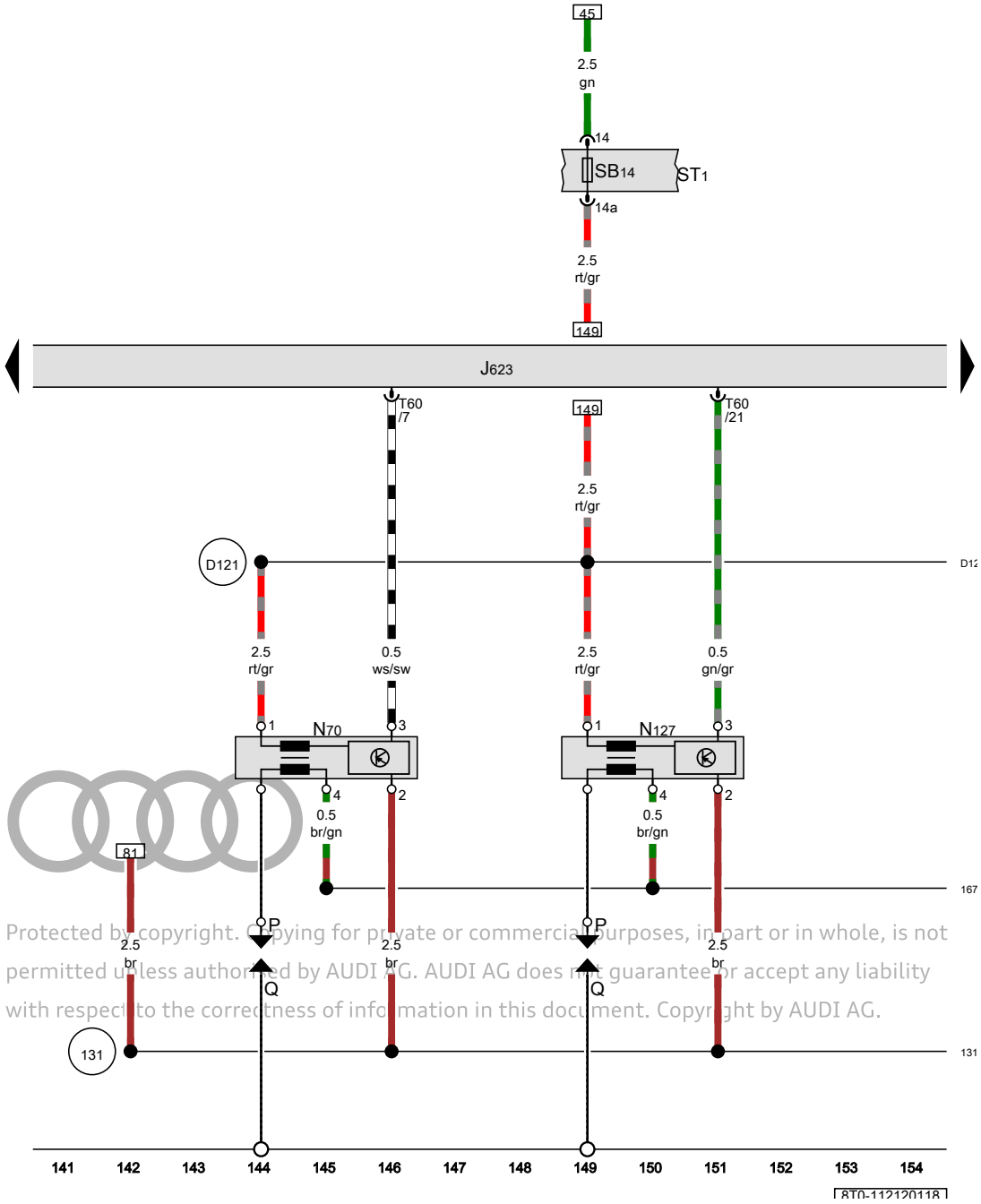
Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Brake servo pressure sensor, Gear detection sensor

F371	Actuator 6 for camshaft adjustment
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine/motor control unit
T60	60-pin connector
T94	94-pin connector
D110	Connection 8 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
*	For models with manual gearbox
*2	Cross section depends on equipment



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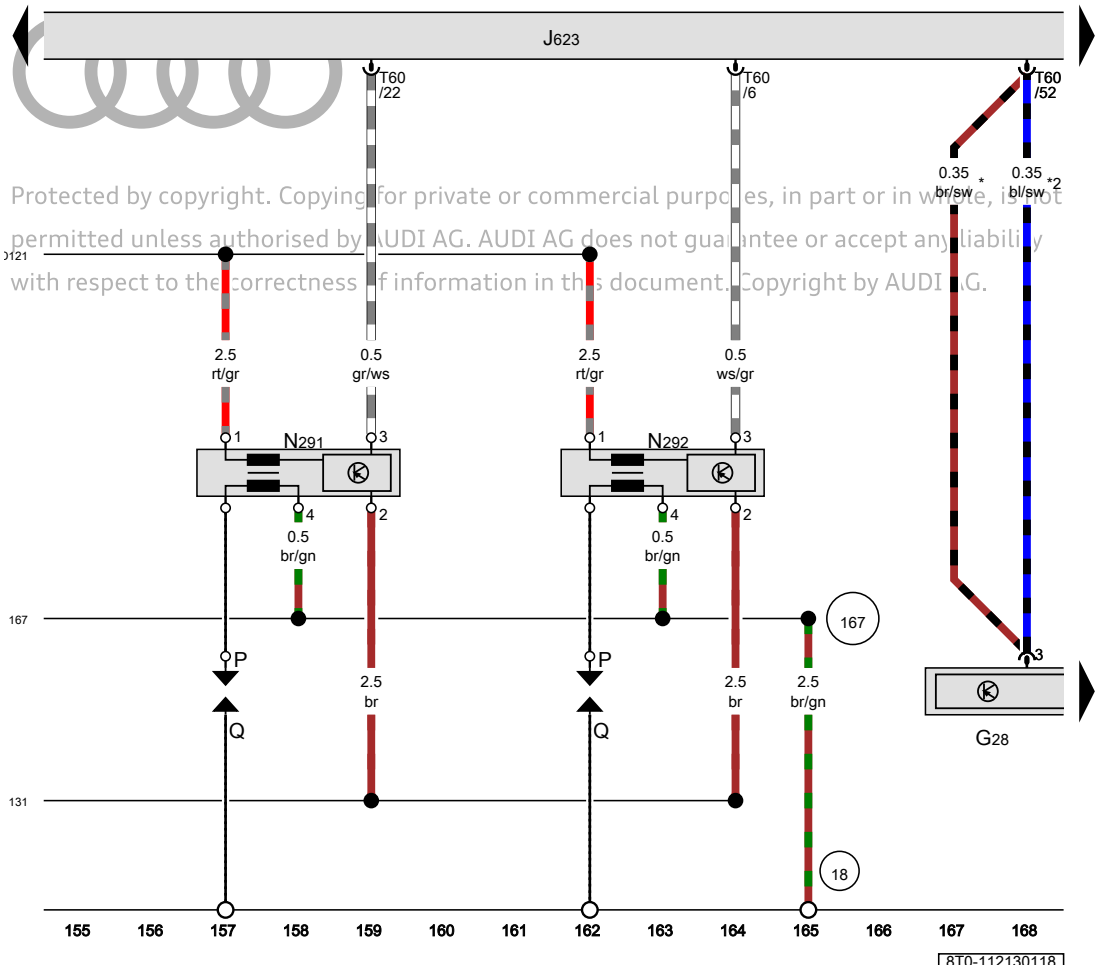
Ignition coil 1 with output stage, Ignition coil 2 with output stage

J623	Engine/motor control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
P	Spark plug connector
Q	Spark plugs
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T60	60-pin connector
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

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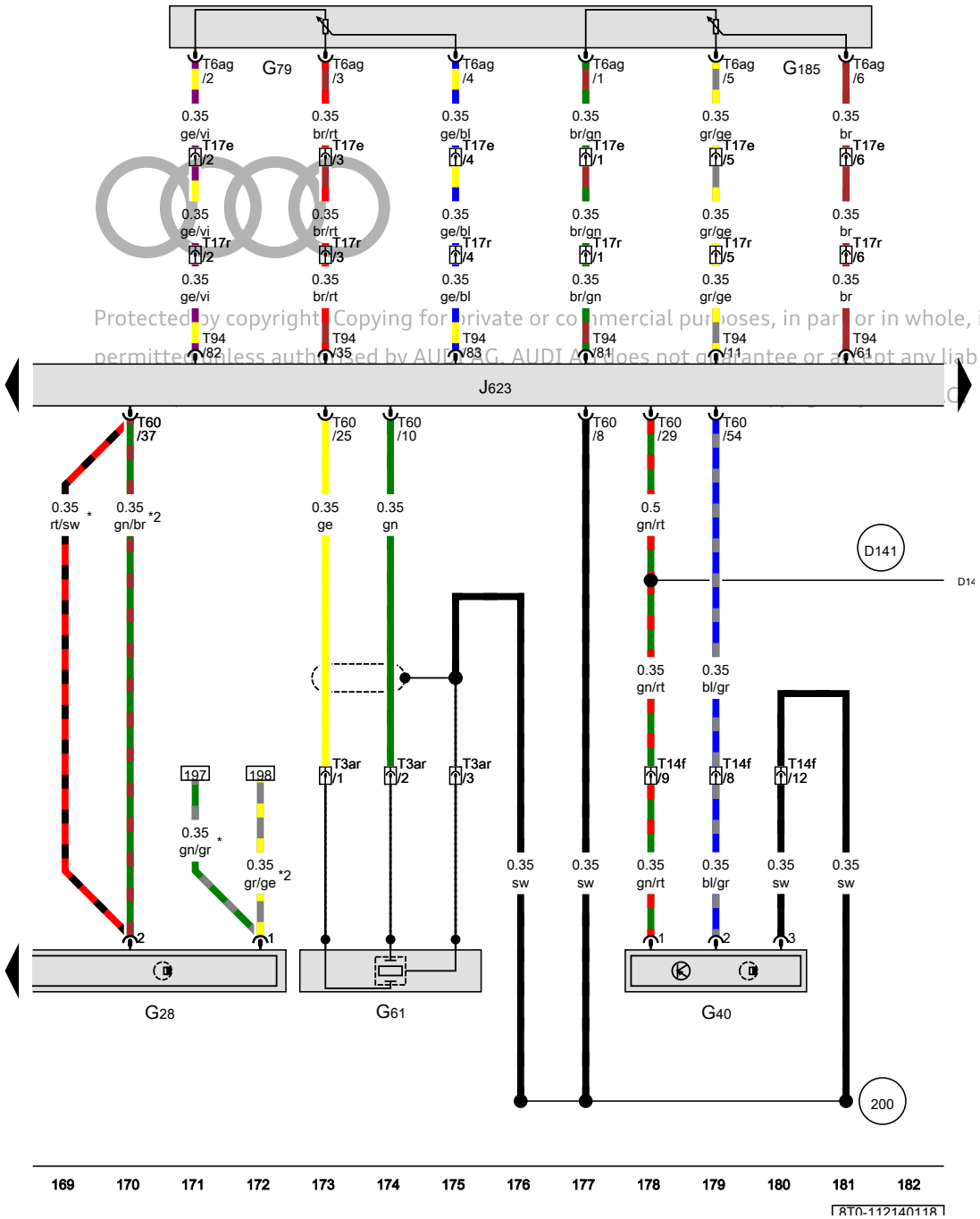
Engine speed sender, Ignition coil 3 with output stage, Ignition coil 4 with output stage

G28	Engine speed sender
J623	Engine/motor control unit
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T60	60-pin connector
18	Earth point, on cylinder block
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness
*	Up to April 2012
*2	From May 2012



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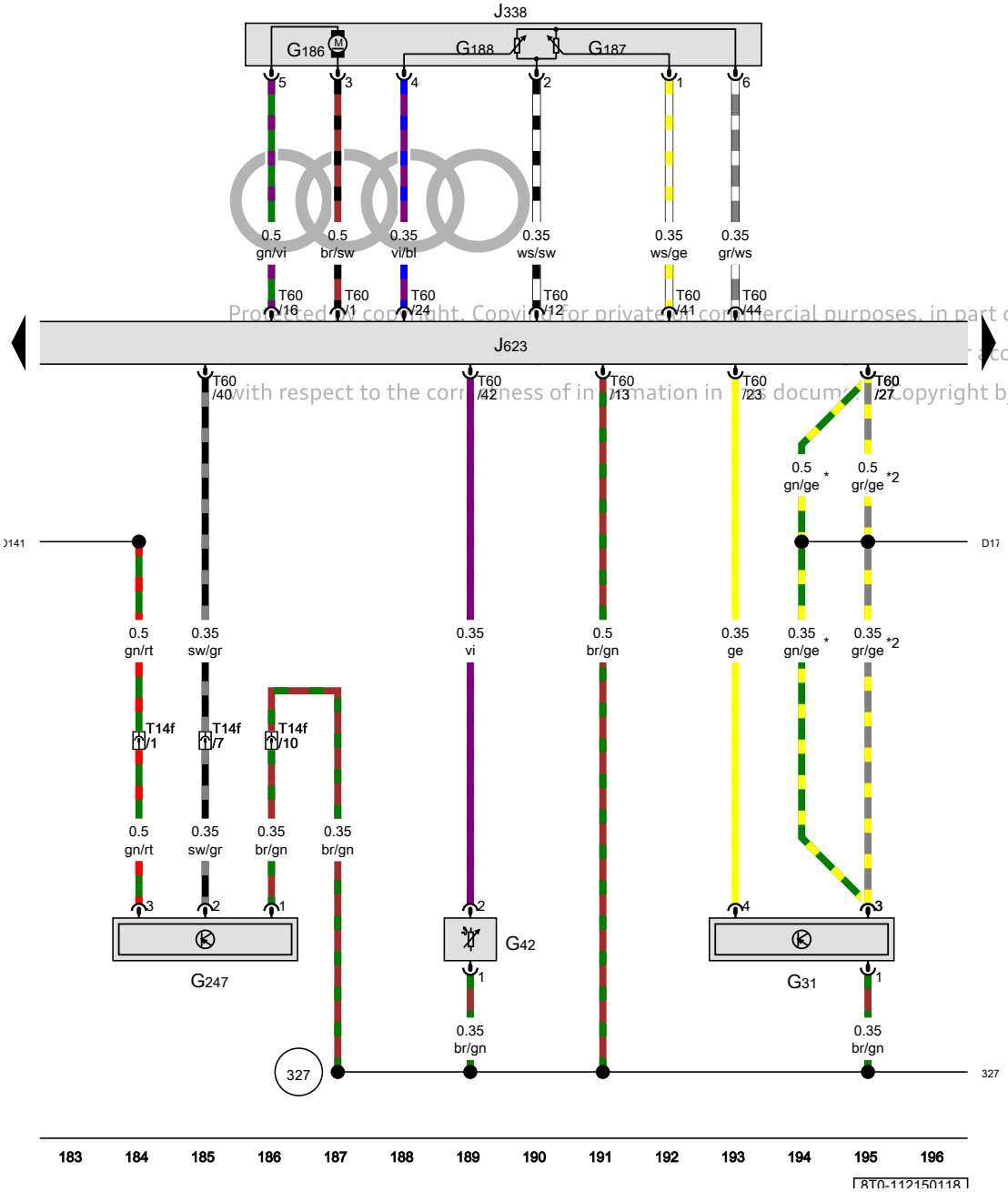


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Engine speed sender, Hall sender, Accelerator position sender, Accelerator position sender 2

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor 1
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine/motor control unit
T3ar	3-pin connector, green
T6ag	6-pin connector
T14f	14-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
T60	60-pin connector
T94	94-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Up to April 2012
*2	From May 2012



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Fuel pressure sender, Throttle valve module

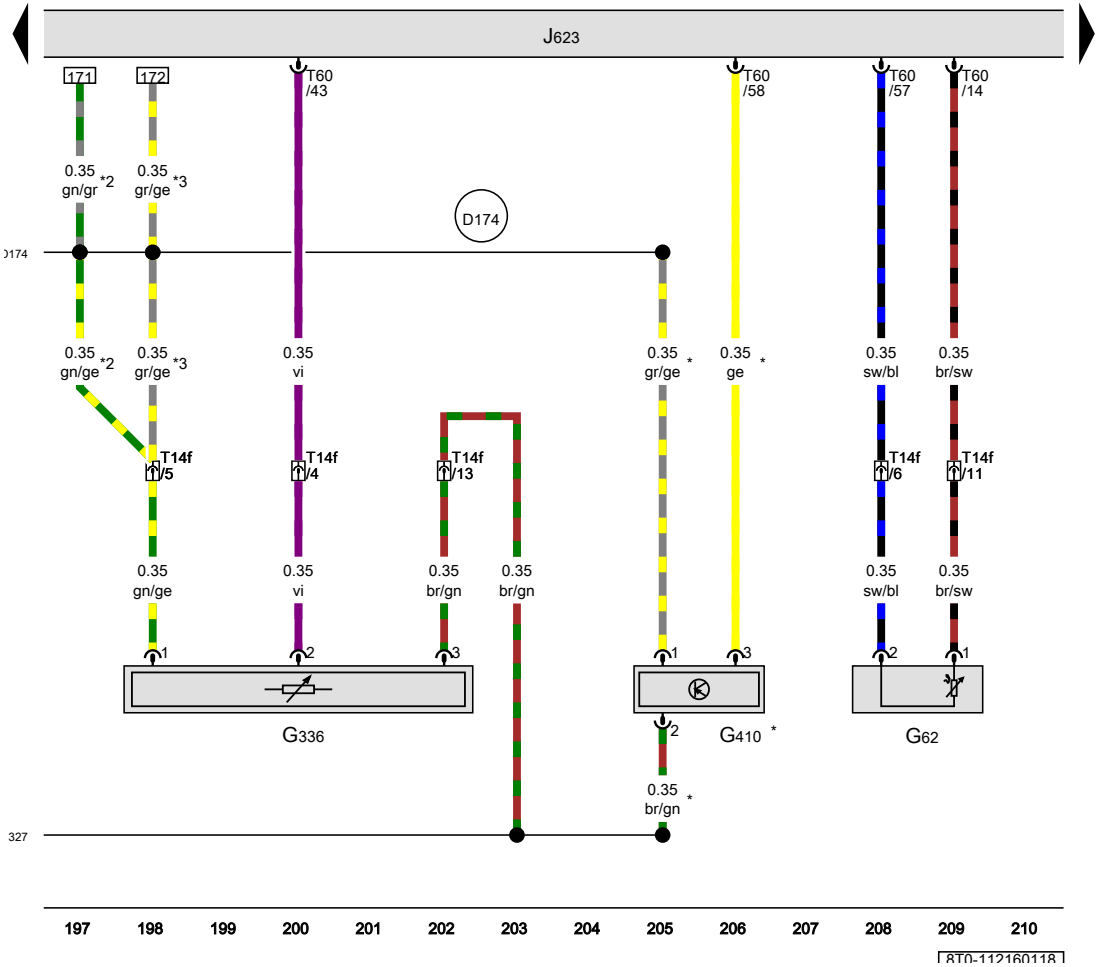
G31	Charge pressure sender
G42	Intake air temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G247	Fuel pressure sender
J338	Throttle valve module
J623	Engine/motor control unit
T14f	14-pin connector, in engine compartment
T60	60-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
*	Up to April 2012
*2	From May 2012

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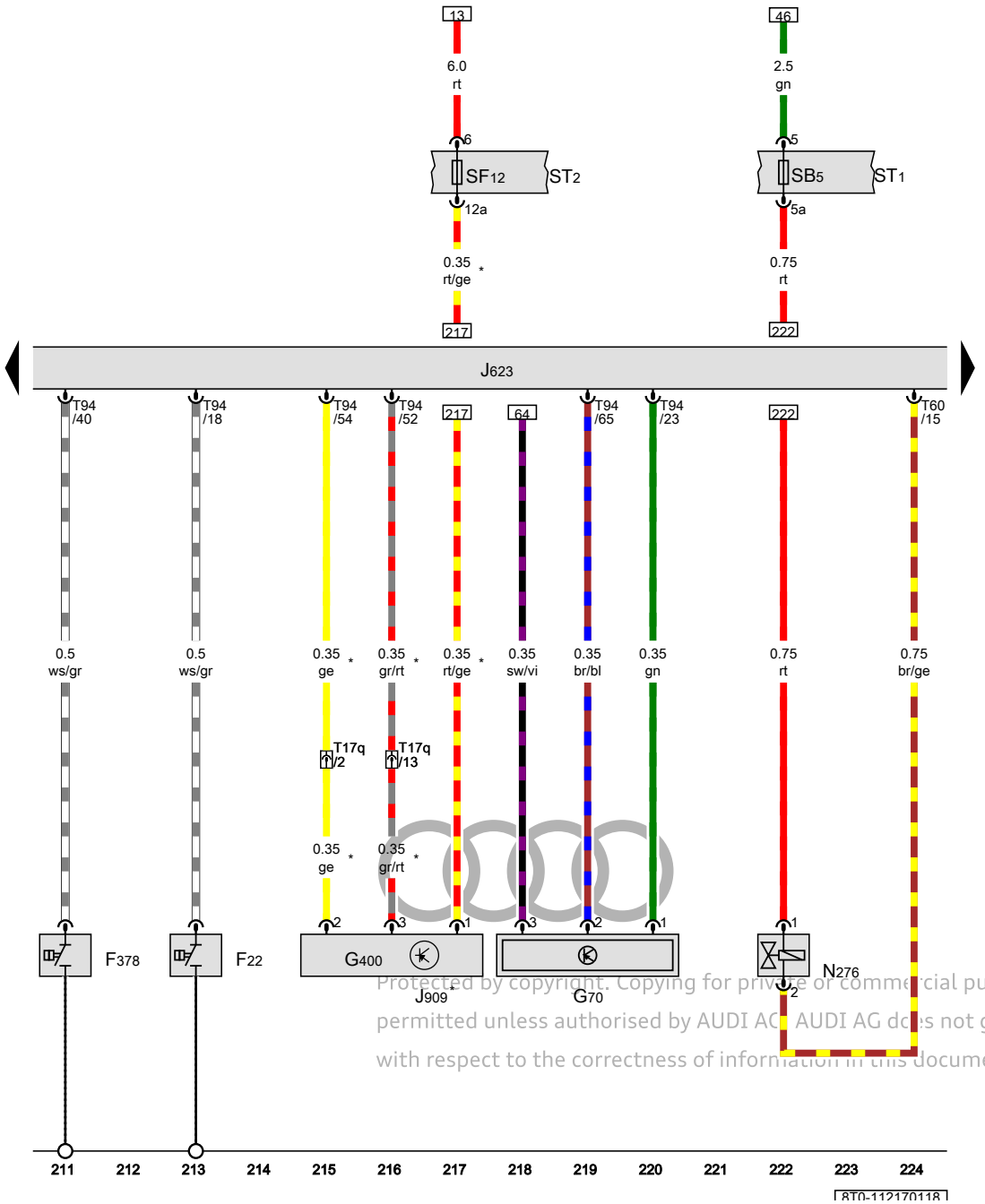
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Coolant temperature sender, Intake manifold flap potentiometer, Fuel pressure sender for low pressure

G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low pressure
J623	Engine/motor control unit
T14f	14-pin connector, in engine compartment
T60	60-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	For models with Flex Fuel
*2	Up to April 2012
*3	From May 2012



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, Air mass meter, Tank pressure sensor, Control unit for fuel tank leak detection, Fuel pressure regulating valve

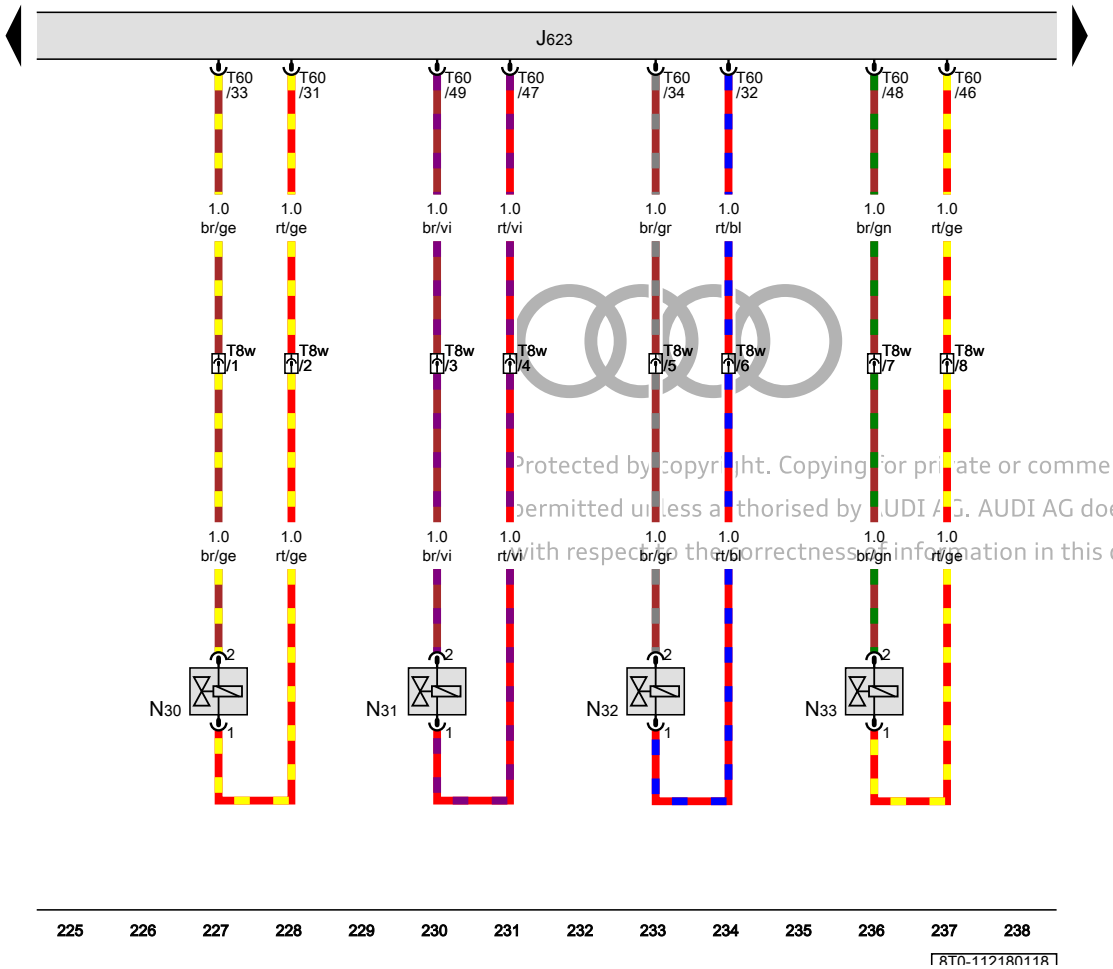
F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G70	Air mass meter
G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
N276	Fuel pressure regulating valve
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
SF12	Fuse 12 in fuse holder F
T17q	17-pin connector, red
T60	60-pin connector
T94	94-pin connector
*	For models with fuel system diagnostic pump

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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ge	=	yellow
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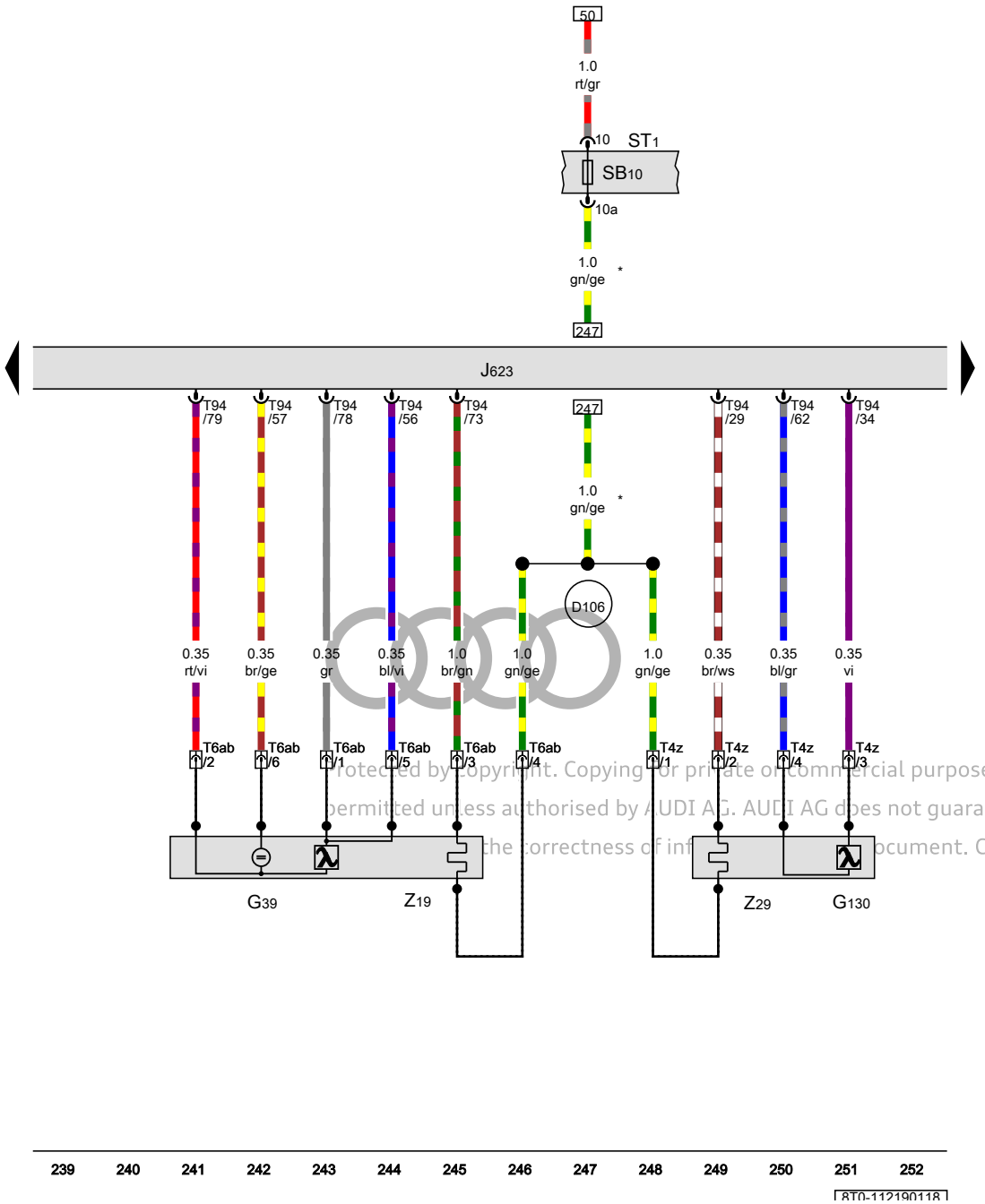
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T60	60-pin connector



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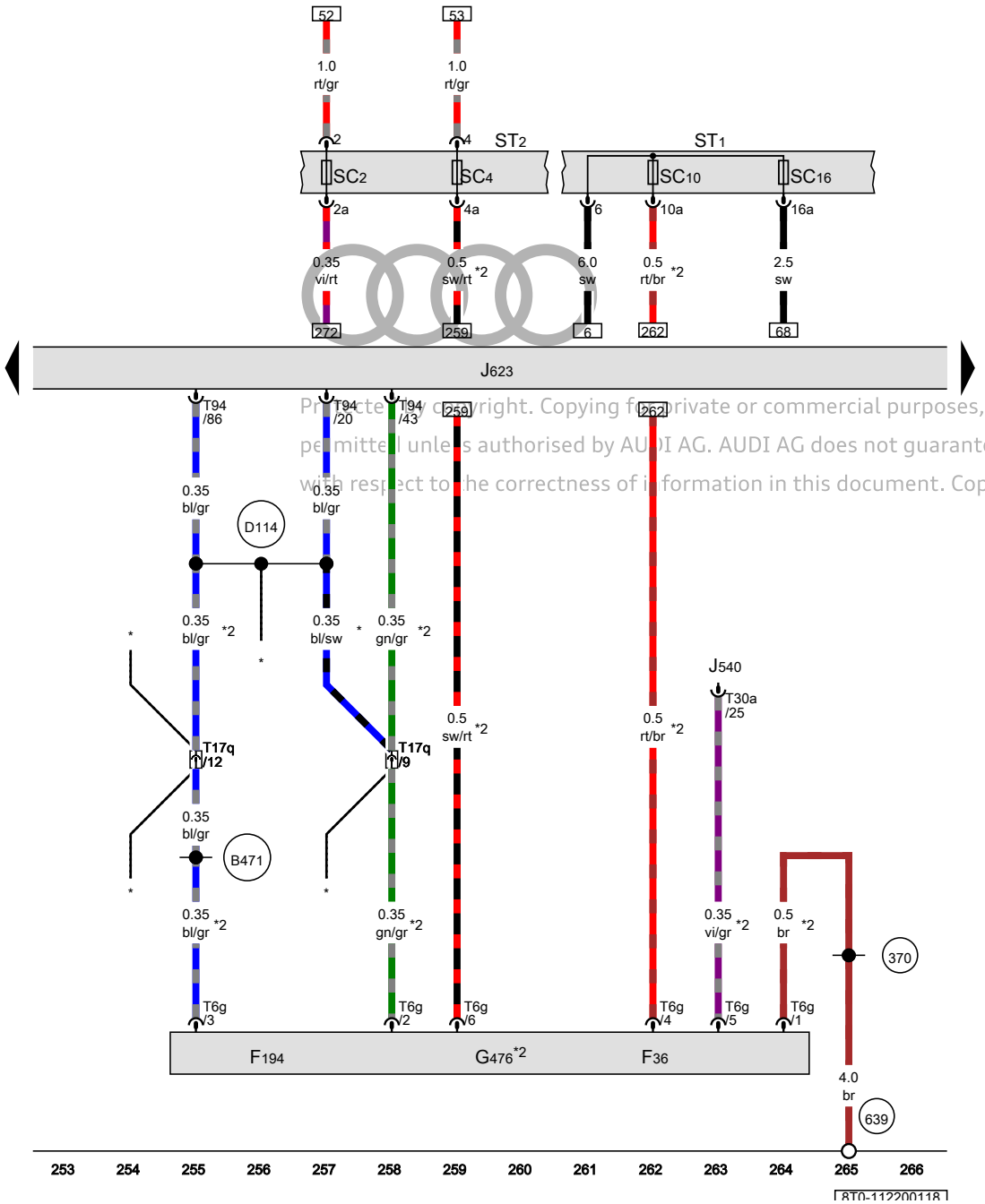


Lambda probe, Lambda probe after catalytic converter

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4z	4-pin connector, brown
T6ab	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness
*	Cross section depends on equipment

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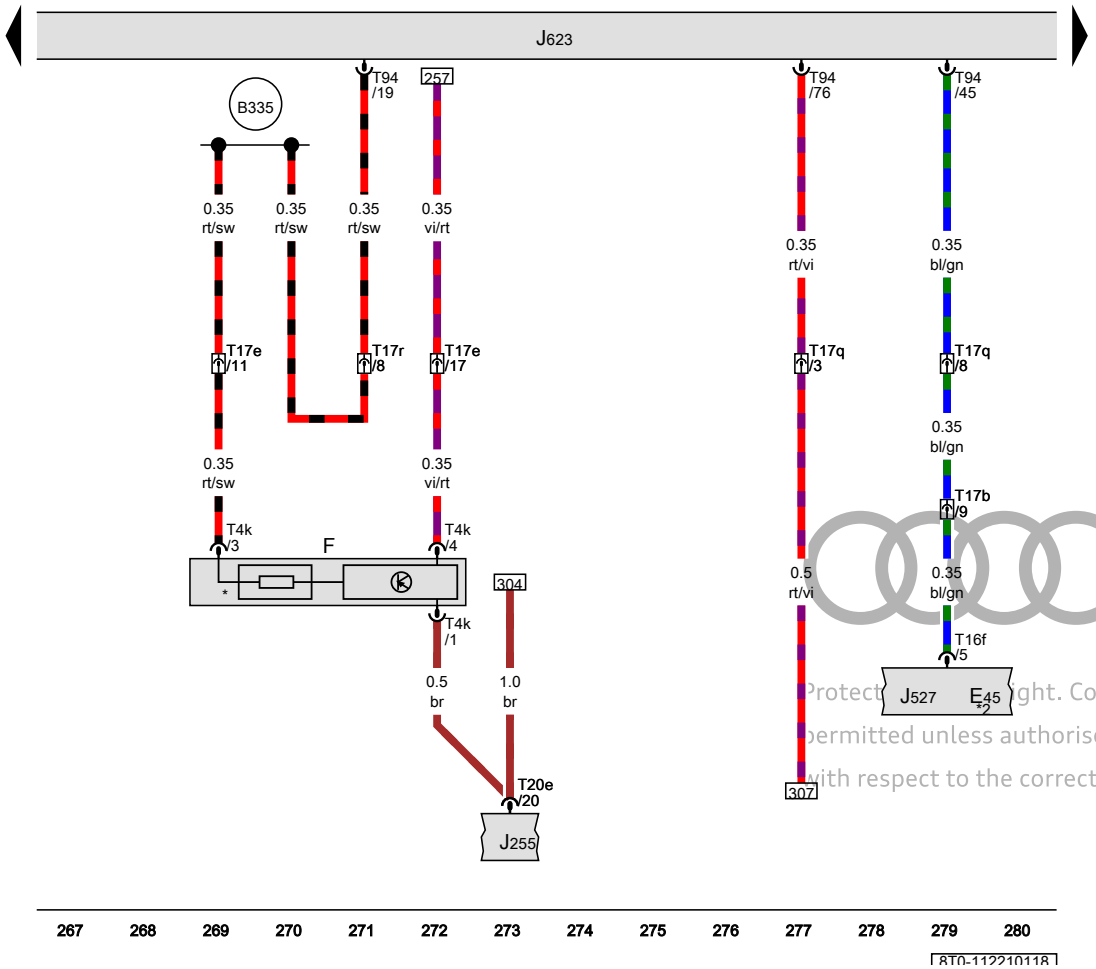
Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	For models with manual gearbox

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

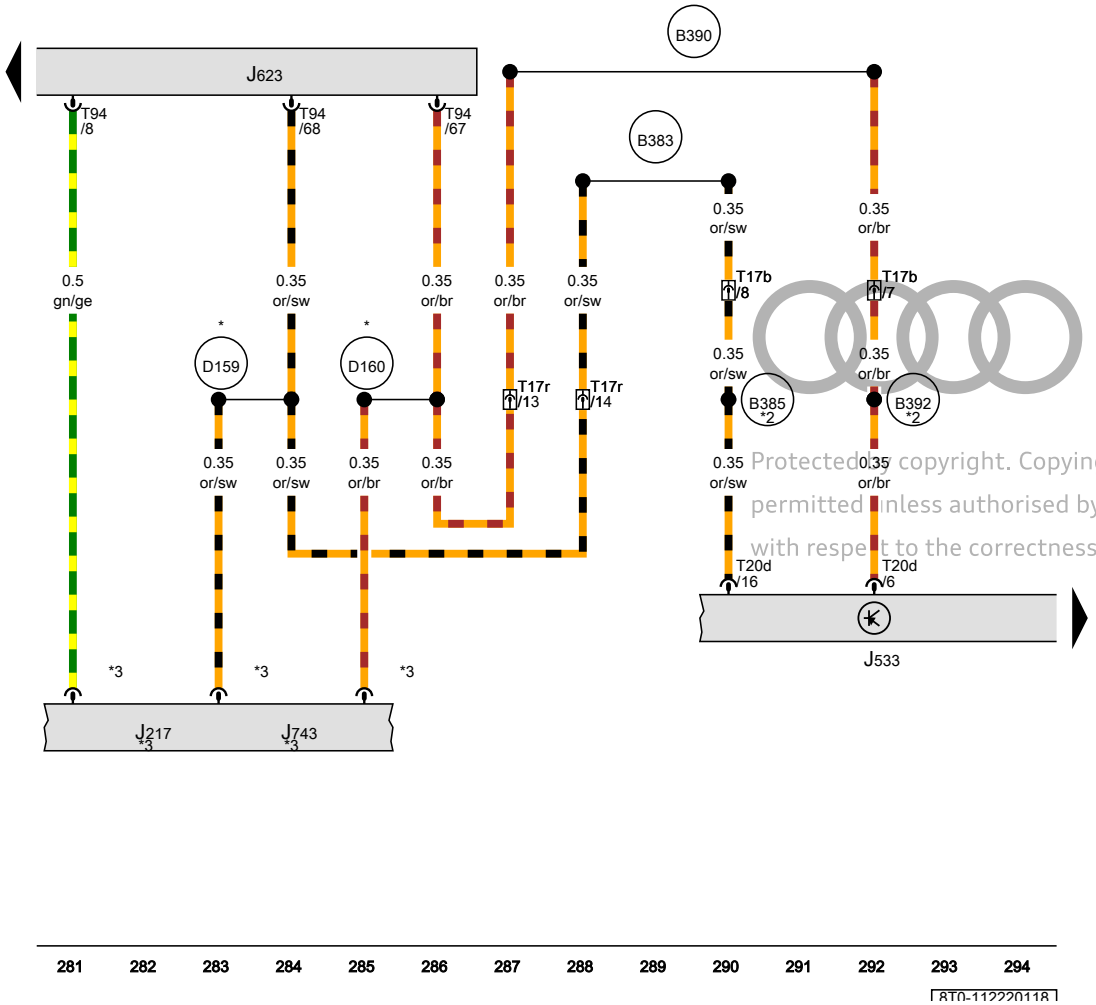
Brake light switch, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	For models with cruise control system (CCS)



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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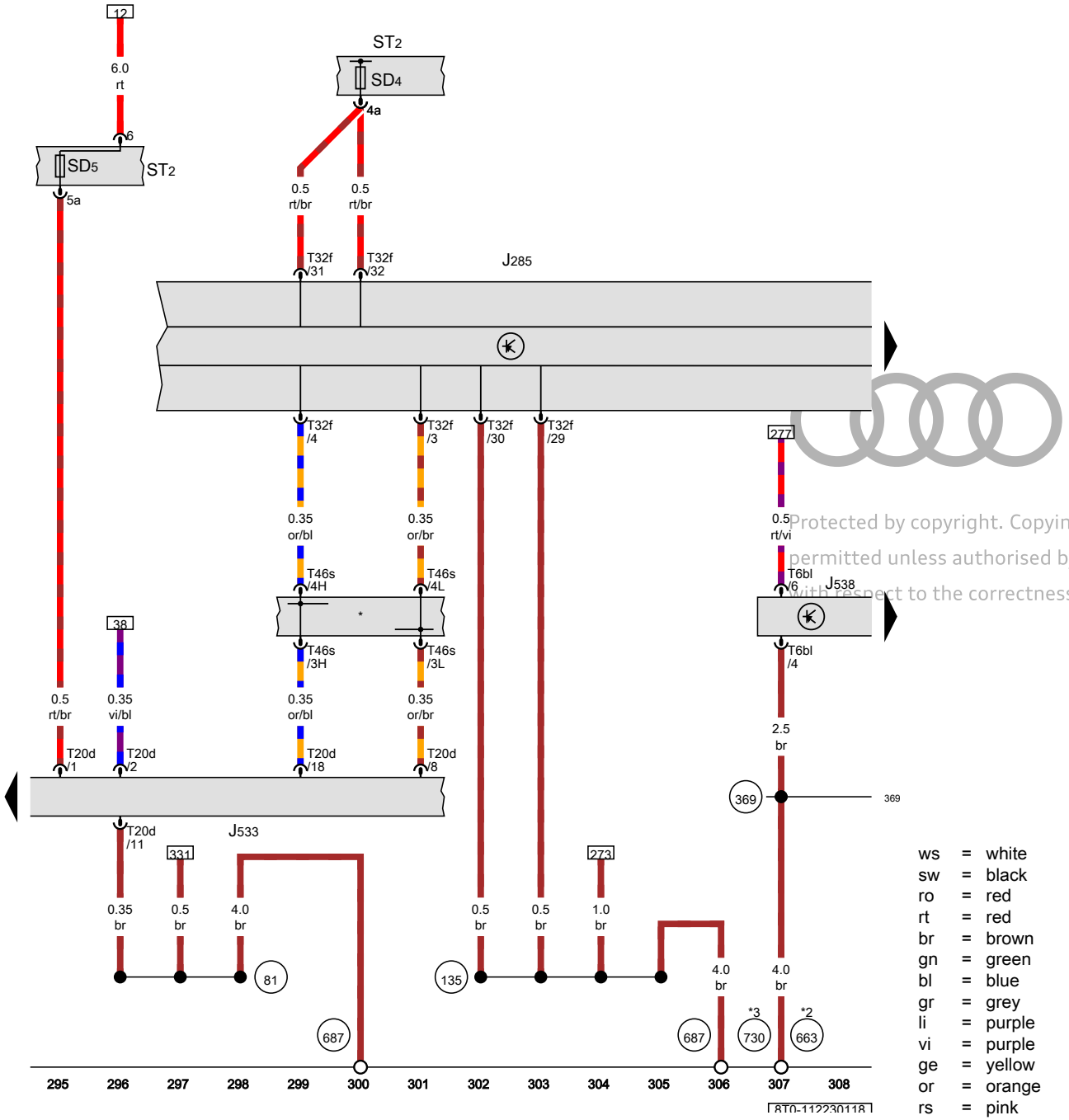


Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine/motor control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	For models with automatic gearbox
*2	Gradually discontinued
*3	see applicable current flow diagram for automatic gearbox

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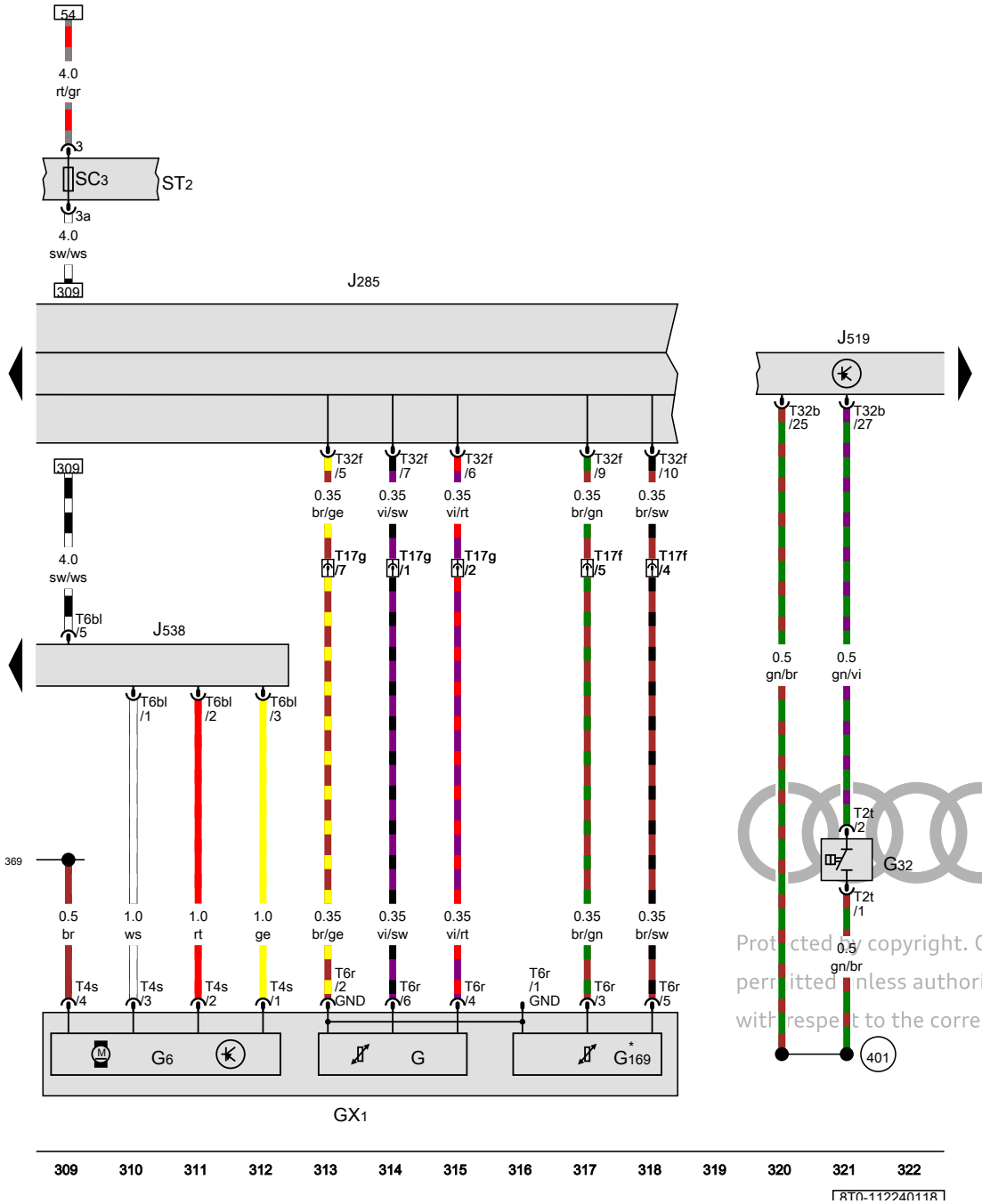


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit in dash panel insert, Data bus diagnostic interface, Fuel pump control unit

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J538	Fuel pump control unit
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T6bl	6-pin connector
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
687	Earth point 1, on centre tunnel
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for CAN separating connector
*2	For models with 2 doors
*3	For models with 5 doors

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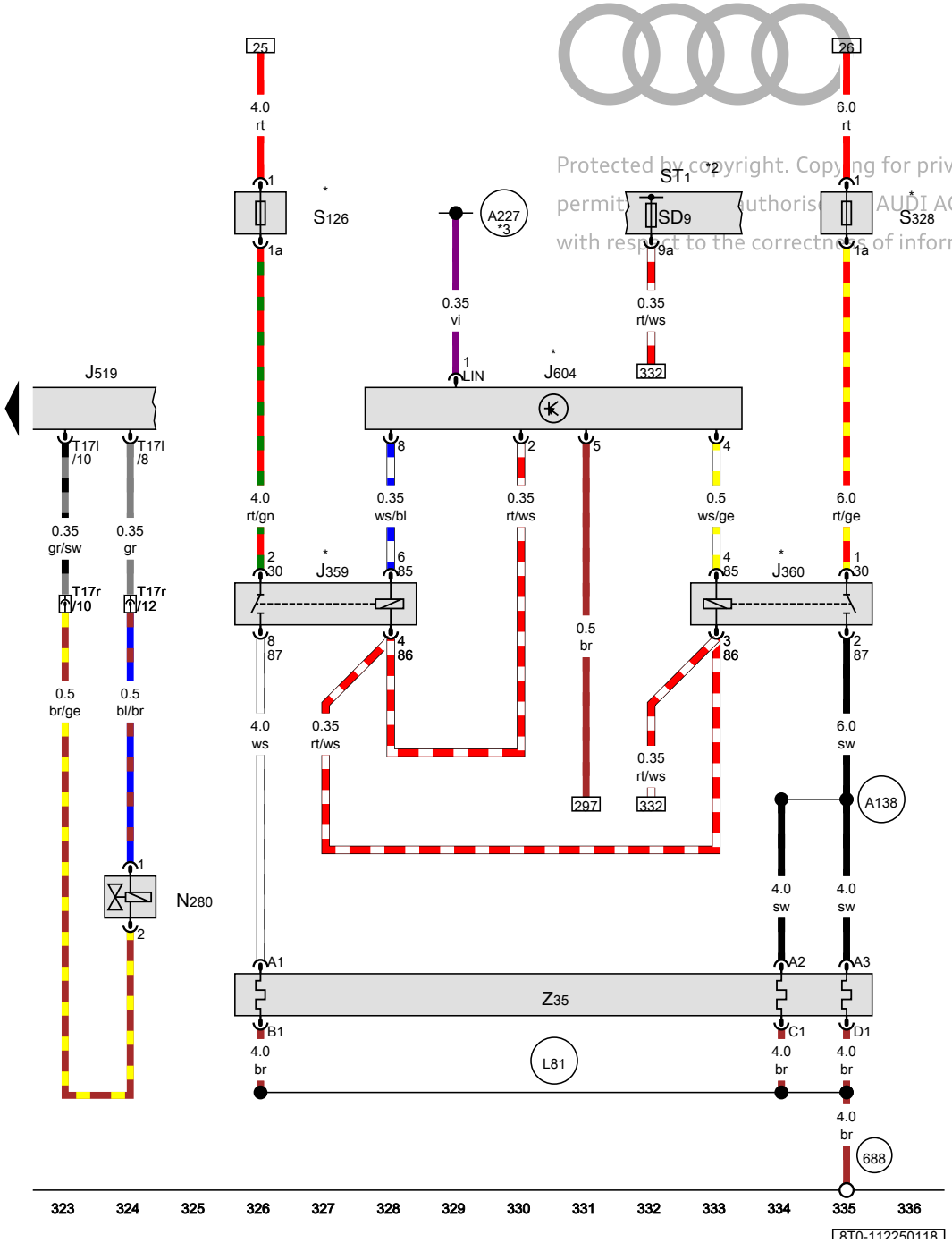
Coolant shortage indicator sender, Control unit in dash panel insert, Onboard supply control unit, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G32	Coolant shortage indicator sender
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T2t	2-pin connector
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32b	32-pin connector
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
401	Earth connection (sender earth), in interior 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
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rs	=	pink

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

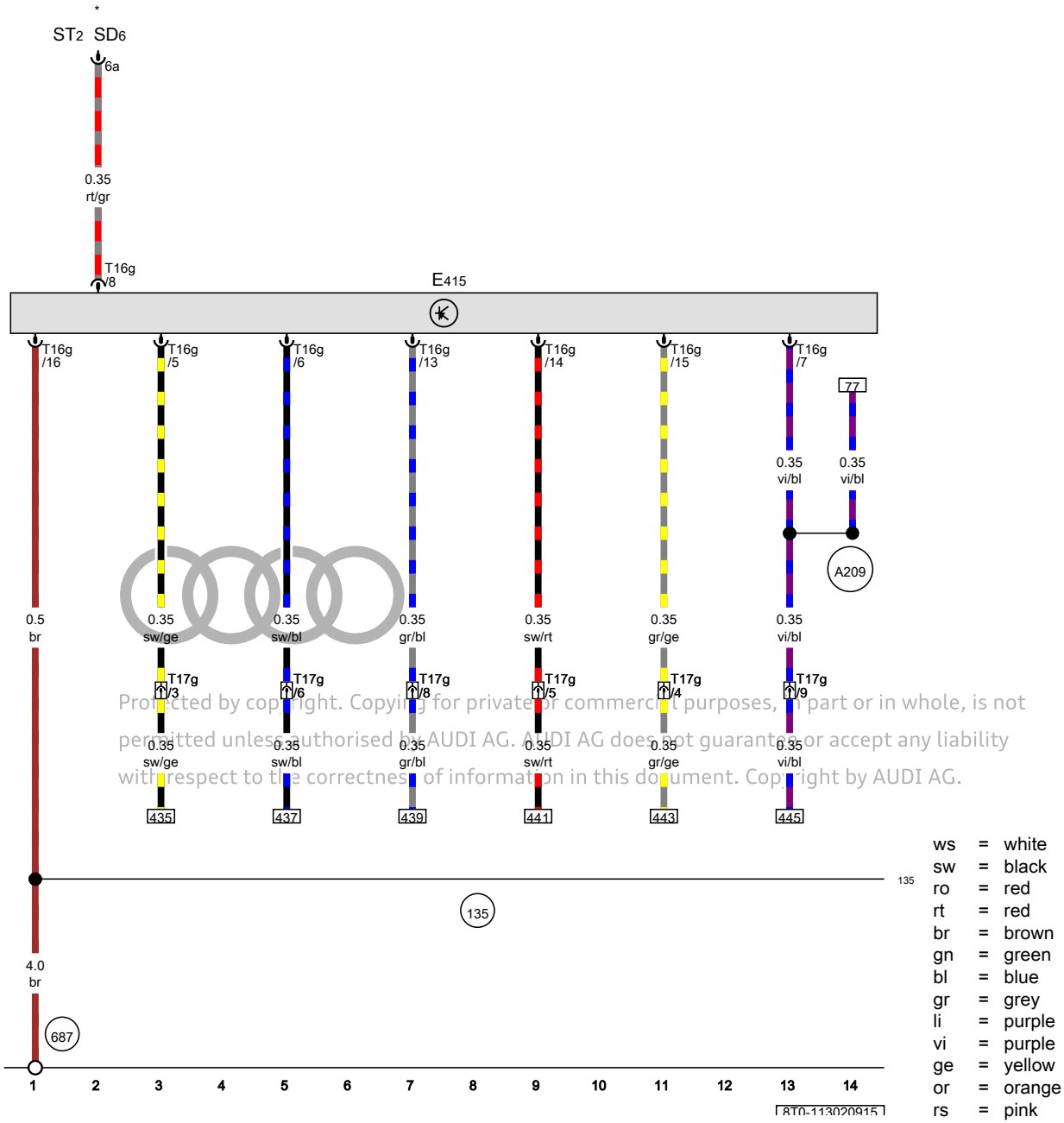
J359	Low heat output relay
J360	High heat output relay
J519	Onboard supply control unit
J604	Auxiliary air heater control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SD9	Fuse 9 on fuse holder D
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17l	17-pin connector
T17r	17-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
A227	Connection 2 (LIN bus) in dash panel wiring harness
L81	Connection in supplementary heater wiring harness
*	For models with auxiliary air heater
*2	see applicable current flow diagram for fuse assignment
*3	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

Basic equipment

From August 2011

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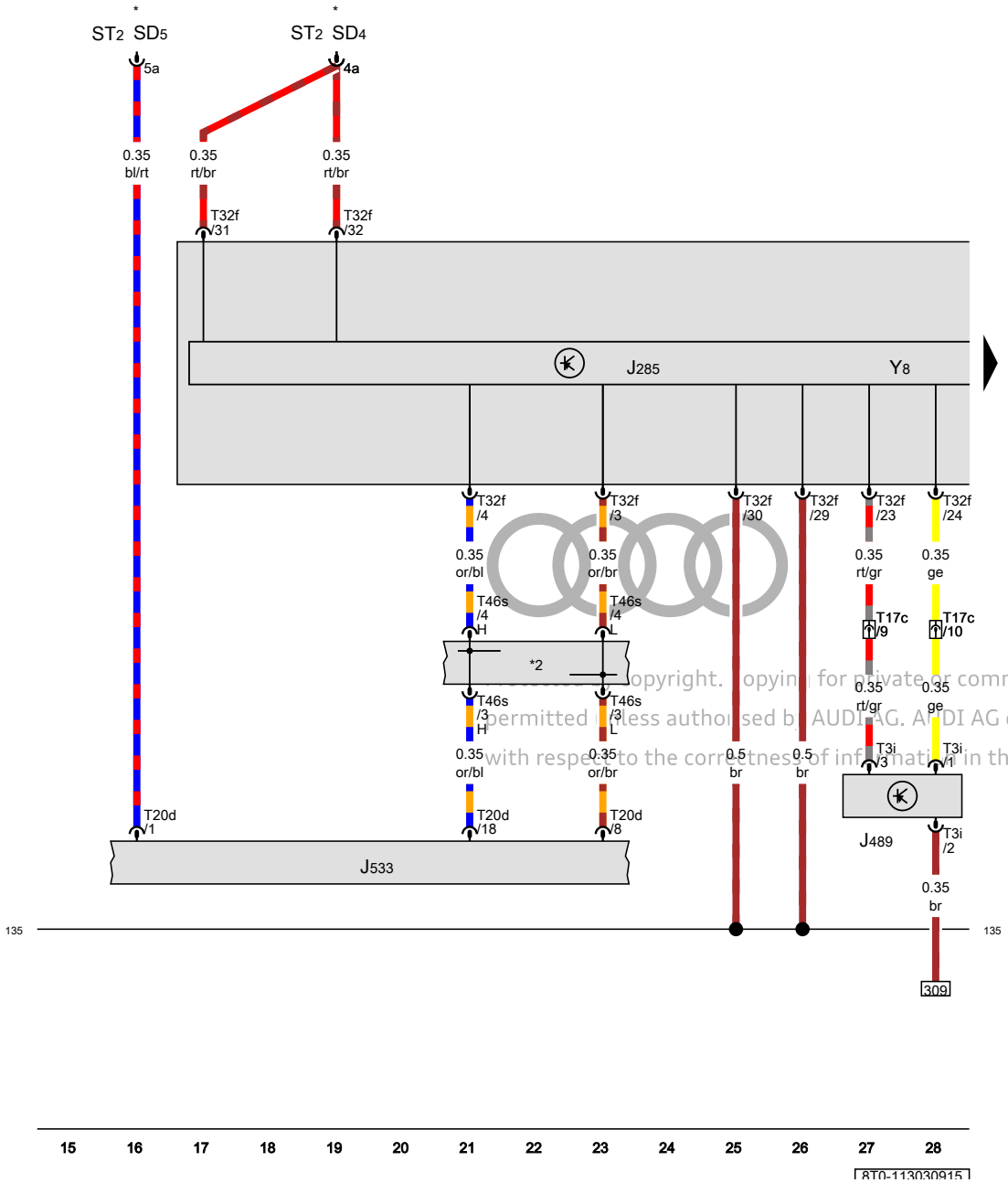
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Entry and start authorisation switch, Fuse 6 on fuse holder D

E415	Entry and start authorisation switch
ST2	Fuse carrier 2
SD6	Fuse 6 on fuse holder D
T16g	16-pin connector
T17g	17-pin connector, black
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A209	Connection 1 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment

Control unit in dash panel insert, Radio controlled clock receiver, Radio controlled clock

J285	Control unit in dash panel insert
J489	Radio controlled clock receiver
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T3i	3-pin connector
T17c	17-pin connector, black
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
Y8	Radio controlled clock
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector



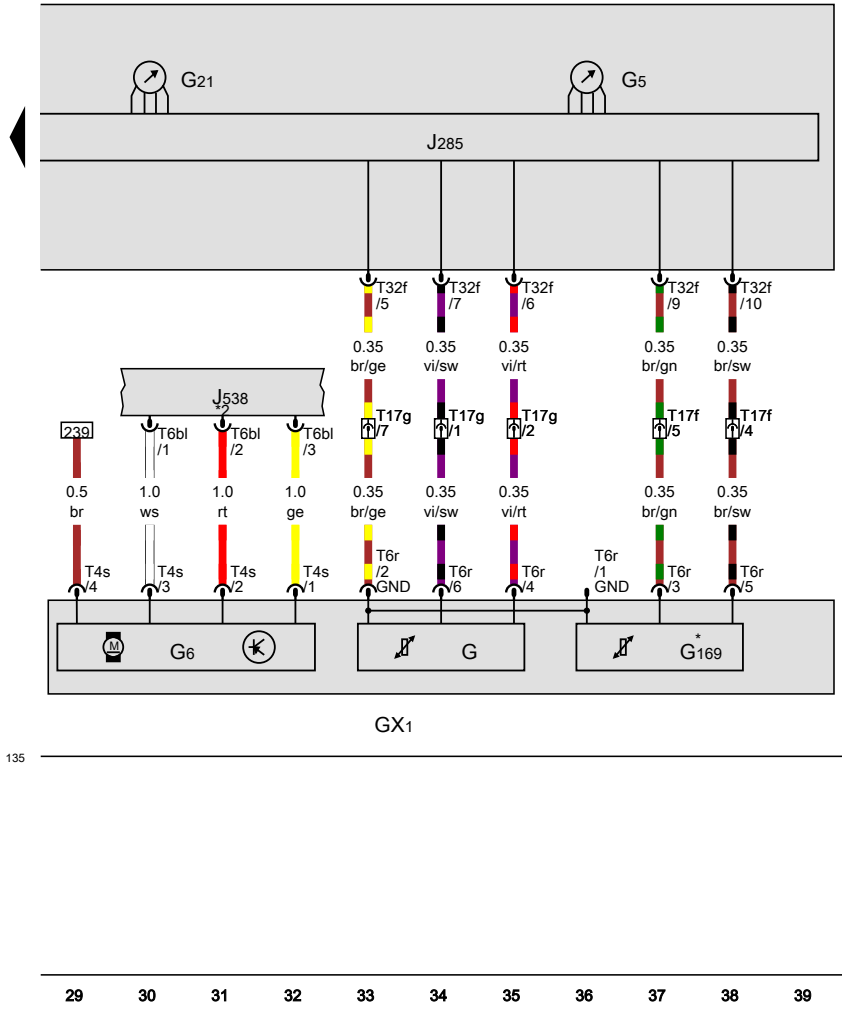
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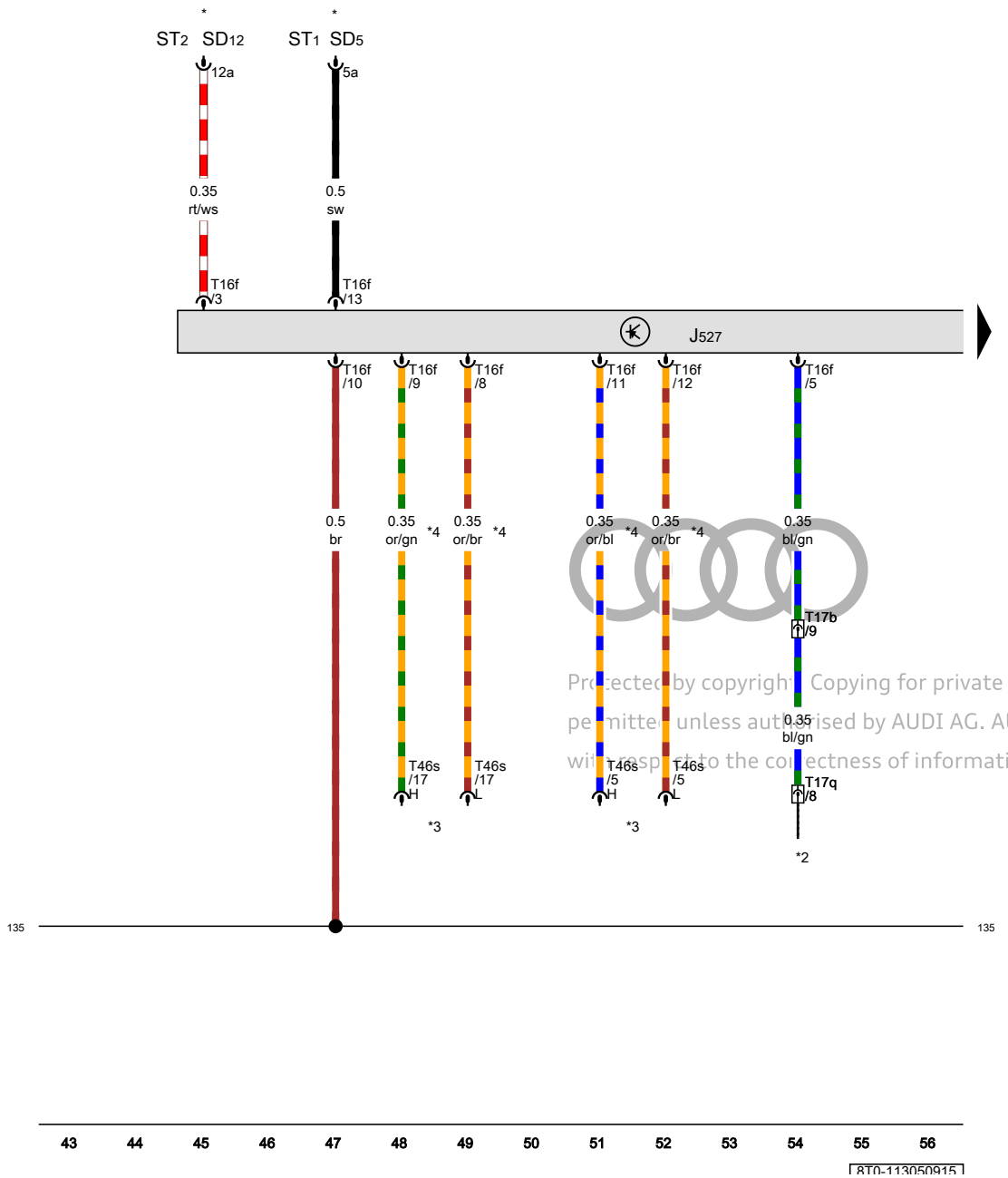
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Fuel delivery unit, Control unit in dash panel insert

G	Fuel gauge sender
GX1	Fuel delivery unit
G5	Rev. counter
G6	Fuel system pressurisation pump
G21	Speedometer
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
135	Earth connection 2, in dash panel wiring harness
*	Only models with all-wheel drive
*2	see applicable current flow diagram for engine



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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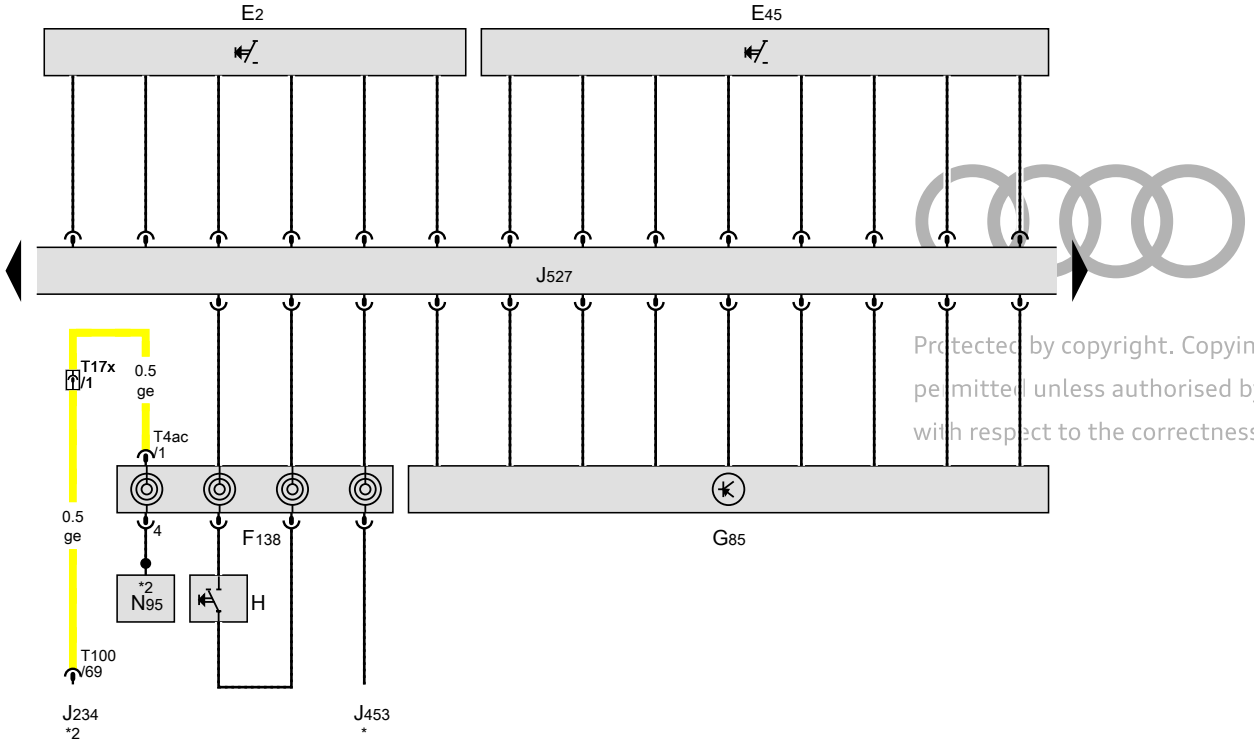
Steering column electronics control unit

J527	Steering column electronics control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD12	Fuse 12 on fuse holder D
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	Front passenger side push-in bridge, brown
*4	Data bus wire (CAN bus)

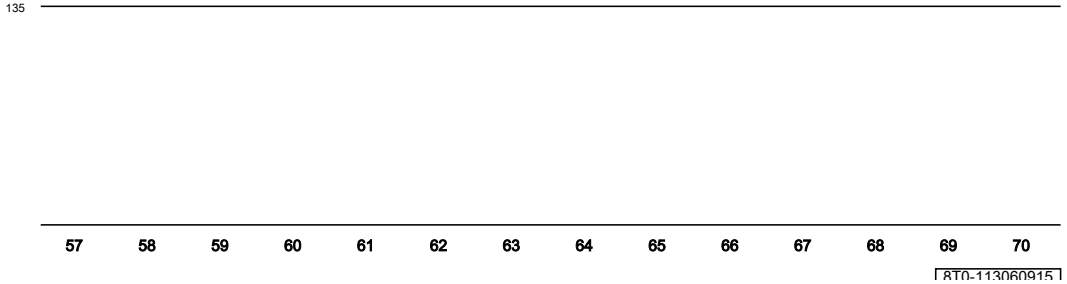
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Turn signal switch, Cruise control system switch, Steering column electronics control unit

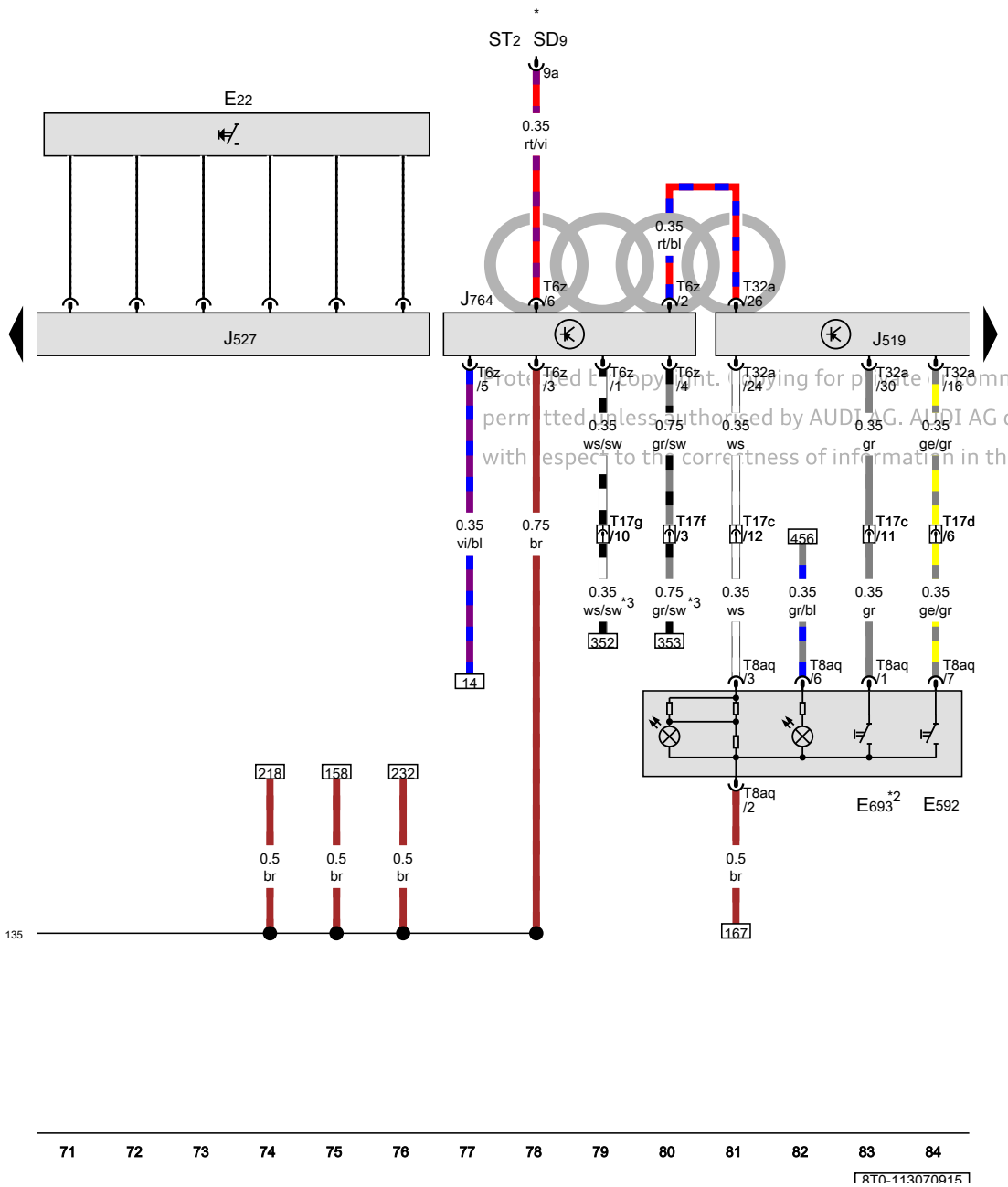
E2	Turn signal switch
E45	Cruise control system switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J234	Airbag control unit
J453	Multifunction steering wheel control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
T4ac	4-pin connector
T17x	17-pin connector, yellow
T100	100-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for multifunction steering wheel
*2	see applicable current flow diagram for airbag



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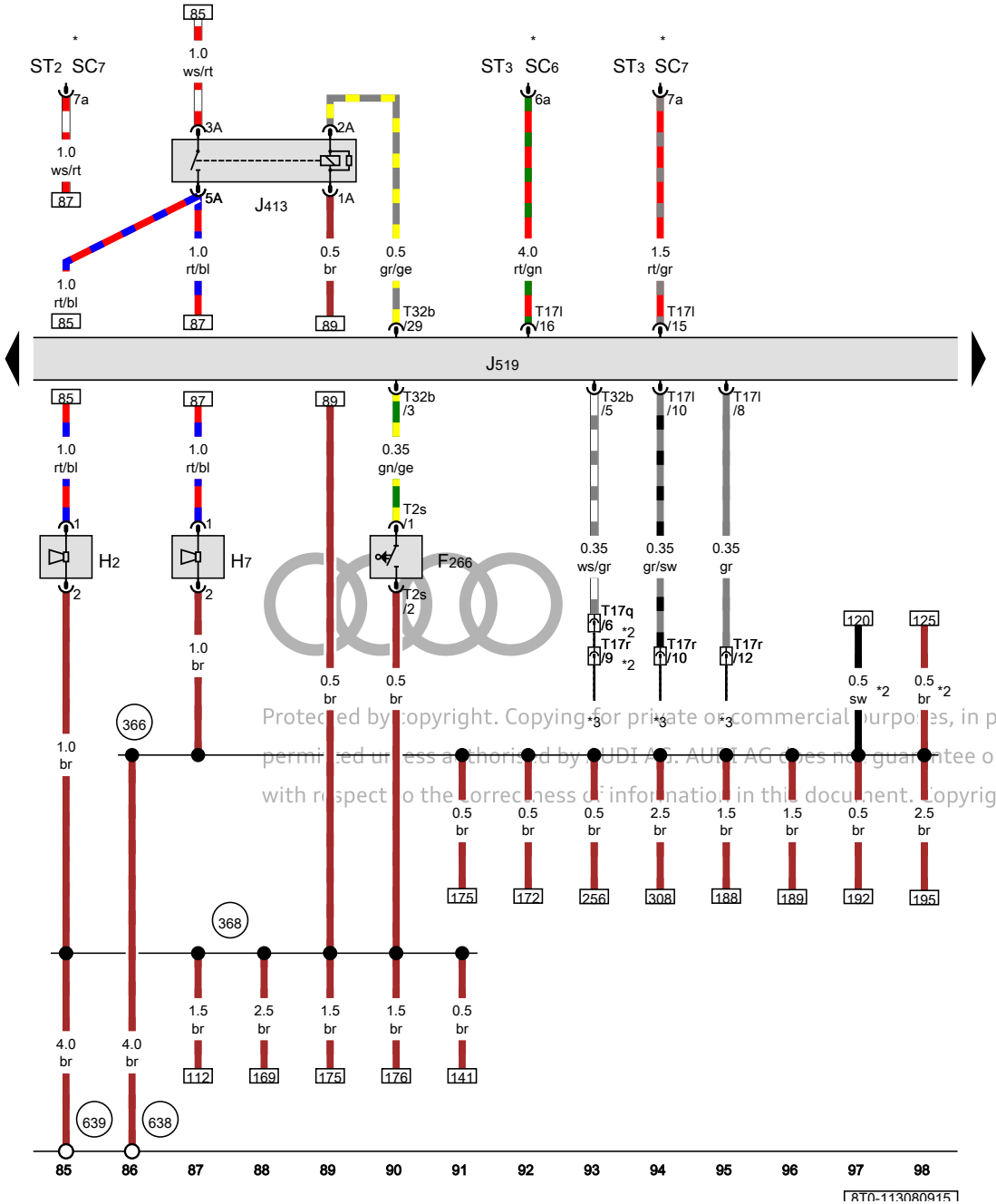


Intermittent wiper switch, Switch module for driving mode selection, Start/Stop operation button, Onboard supply control unit, Steering column electronics control unit, Control unit for electronic steering column lock

E22	Intermittent wiper switch
E592	Switch module for driving mode selection
E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
ST2	Fuse carrier 2
SD9	Fuse 9 on fuse holder D
T6z	6-pin connector
T8aq	8-pin connector
T17c	17-pin connector, black
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32a	32-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system
*3	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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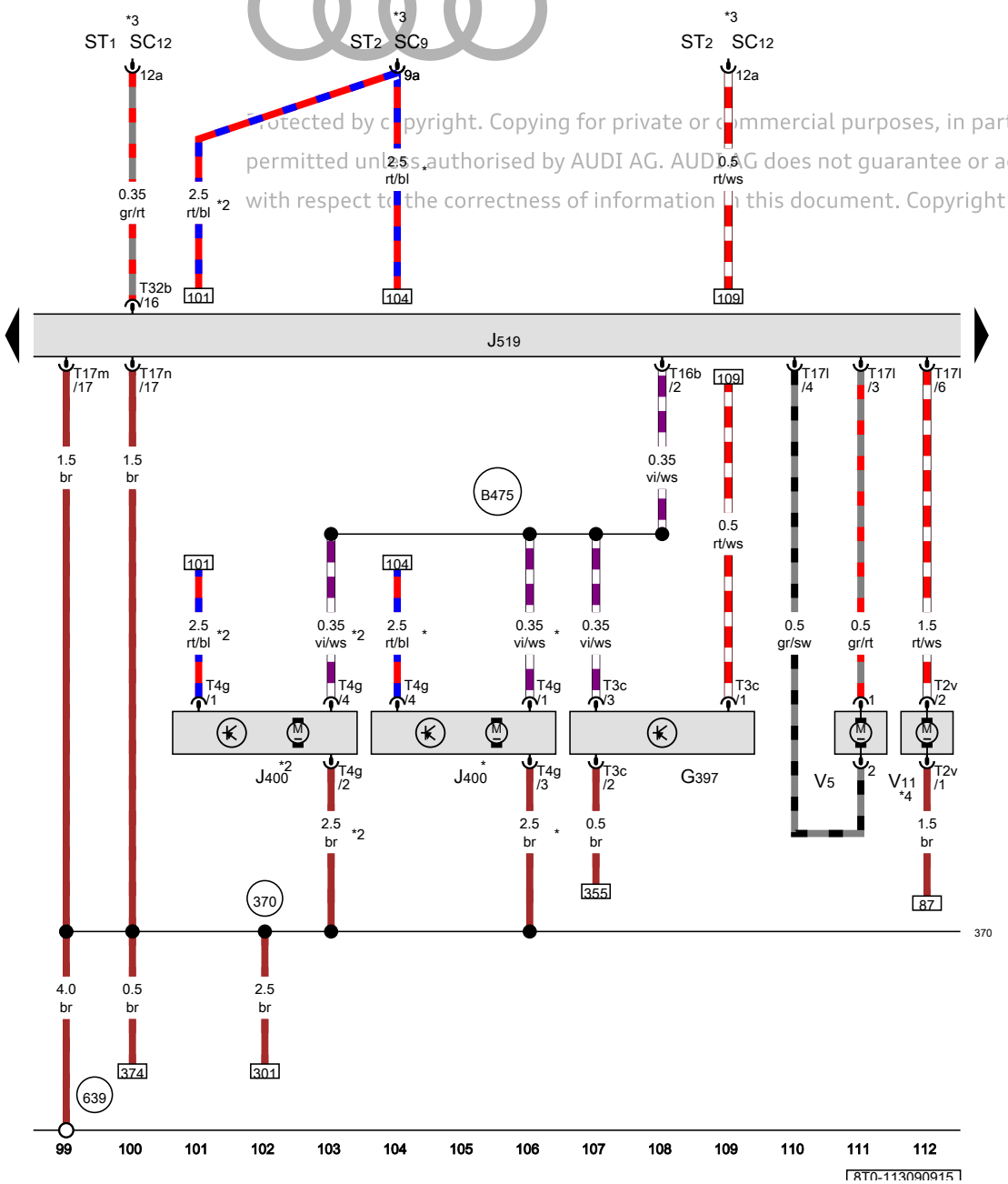
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Bonnet contact switch, Treble horn, Bass horn, Horn relay, Onboard supply control unit

F266	Bonnet contact switch
H2	Treble horn
H7	Bass horn
J413	Horn relay
J519	Onboard supply control unit
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
T2s	2-pin connector
T17l	17-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32b	32-pin connector
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	see applicable current flow diagram for engine

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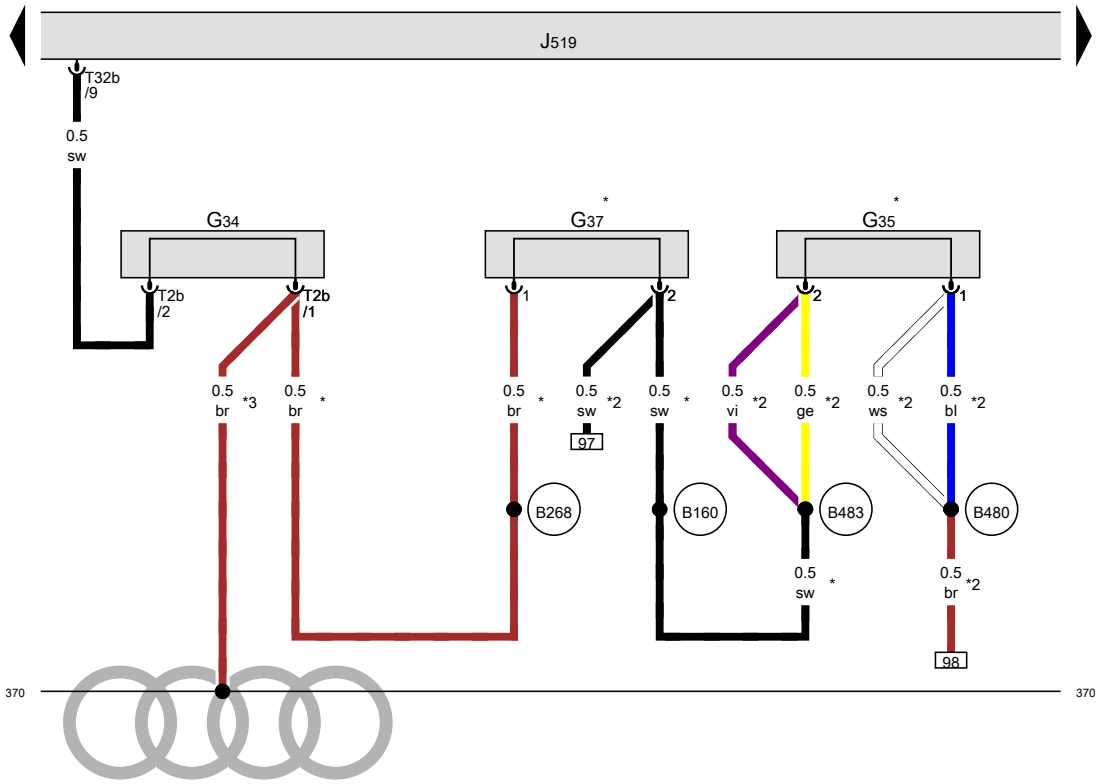
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Rain and light sensor, Wiper motor control unit, Onboard supply control unit, Headlight washer system pump

G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC9	Fuse 9 on fuse holder C
SC12	Fuse 12 on fuse holder C
T2v	2-pin connector
T3c	3-pin connector
T4g	4-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17m	17-pin connector
T17n	17-pin connector
T32b	32-pin connector
V5	Washer pump
V11	Headlight washer system pump
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B475	Connection 11, in main wiring harness
*	Only right-hand drive models
*2	Left-hand drive models
*3	see applicable current flow diagram for fuse assignment
*4	Only models with headlight washer system

Front left brake pad wear sender, Front right brake pad wear sender, Rear right brake pad wear sender, Onboard supply control unit

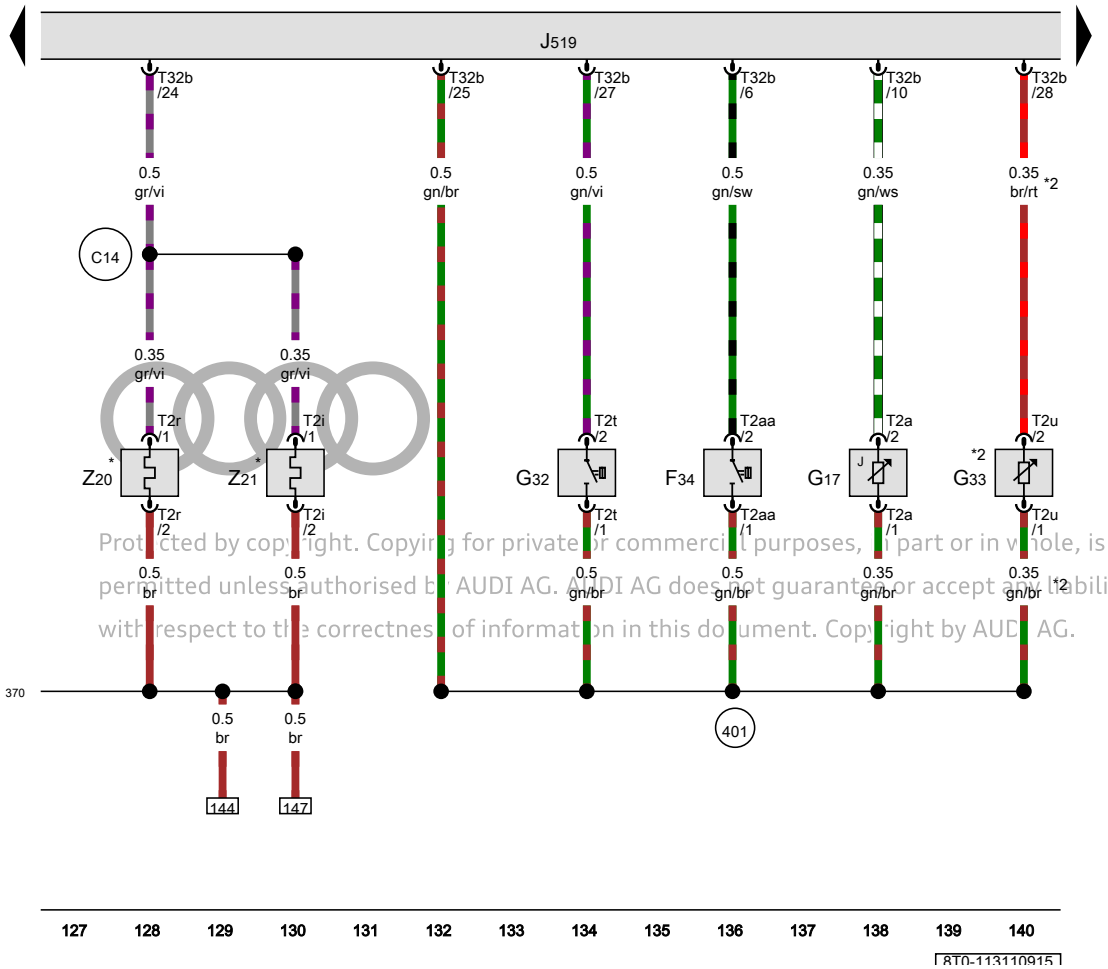
G34	Front left brake pad wear sender
G35	Front right brake pad wear sender
G37	Rear right brake pad wear sender
J519	Onboard supply control unit
T2b	2-pin connector
T32b	32-pin connector
370	Earth connection 5, in main wiring harness
B160	Connection (brake system monitor), in interior wiring harness
B268	Connection 1 (brake pad wear indicator), in interior wiring harness
B480	Connection 16, in main wiring harness
B483	Connection 19, in main wiring harness
*	Optional equipment
*2	According to equipment
*3	Only models with basic equipment



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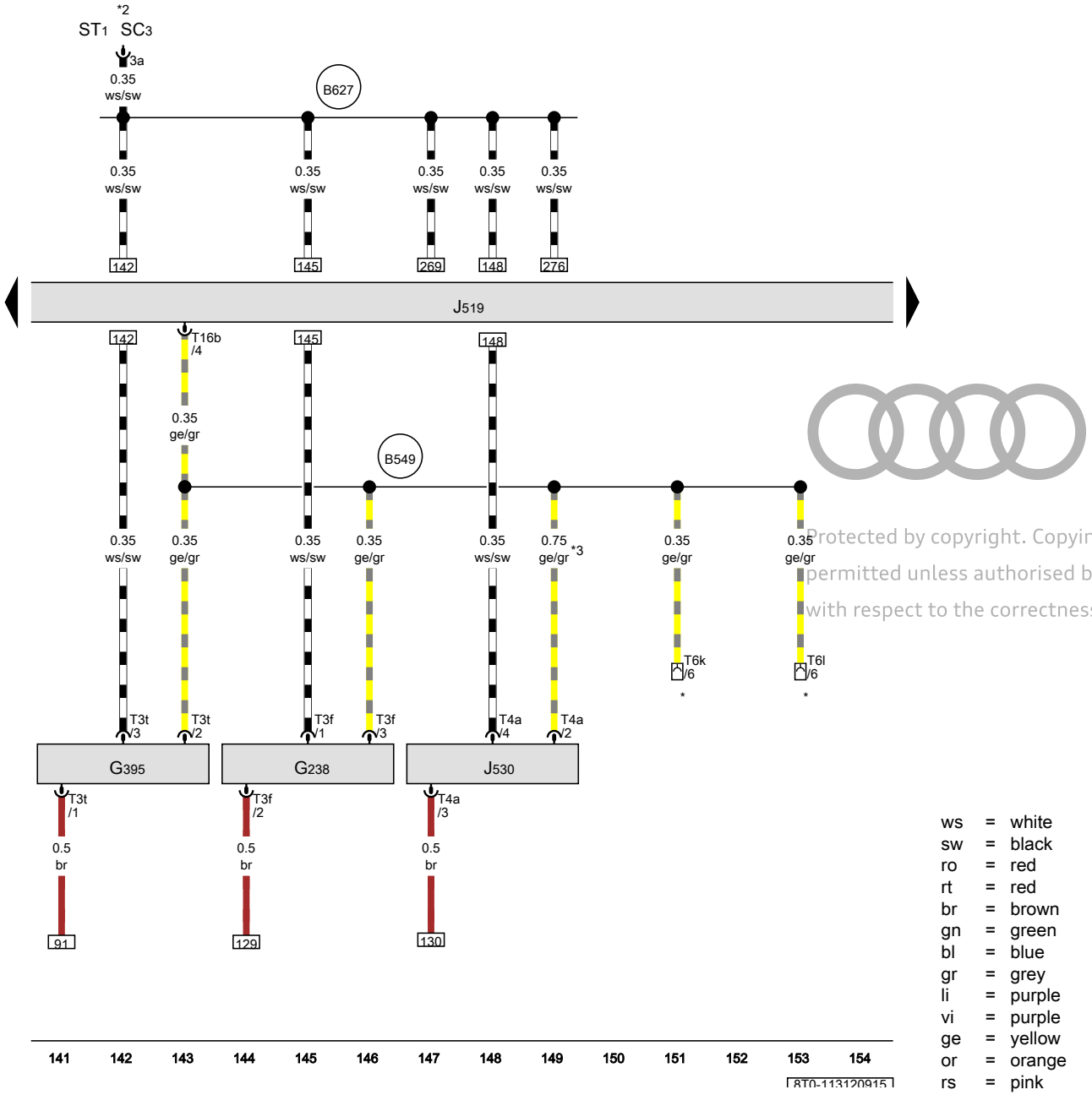
Brake fluid level warning contact, Ambient temperature sensor, Coolant shortage indicator sender, Windscreen washer fluid level sender, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element



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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
T2a	2-pin connector
T2aa	2-pin connector
T2i	2-pin connector
T2r	2-pin connector
T2t	2-pin connector
T2u	2-pin connector
T32b	32-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
370	Earth connection 5, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
C14	Positive connection (15), in heated washer jet wiring harness
*	Only models with heater elements for washer jets
*2	According to equipment

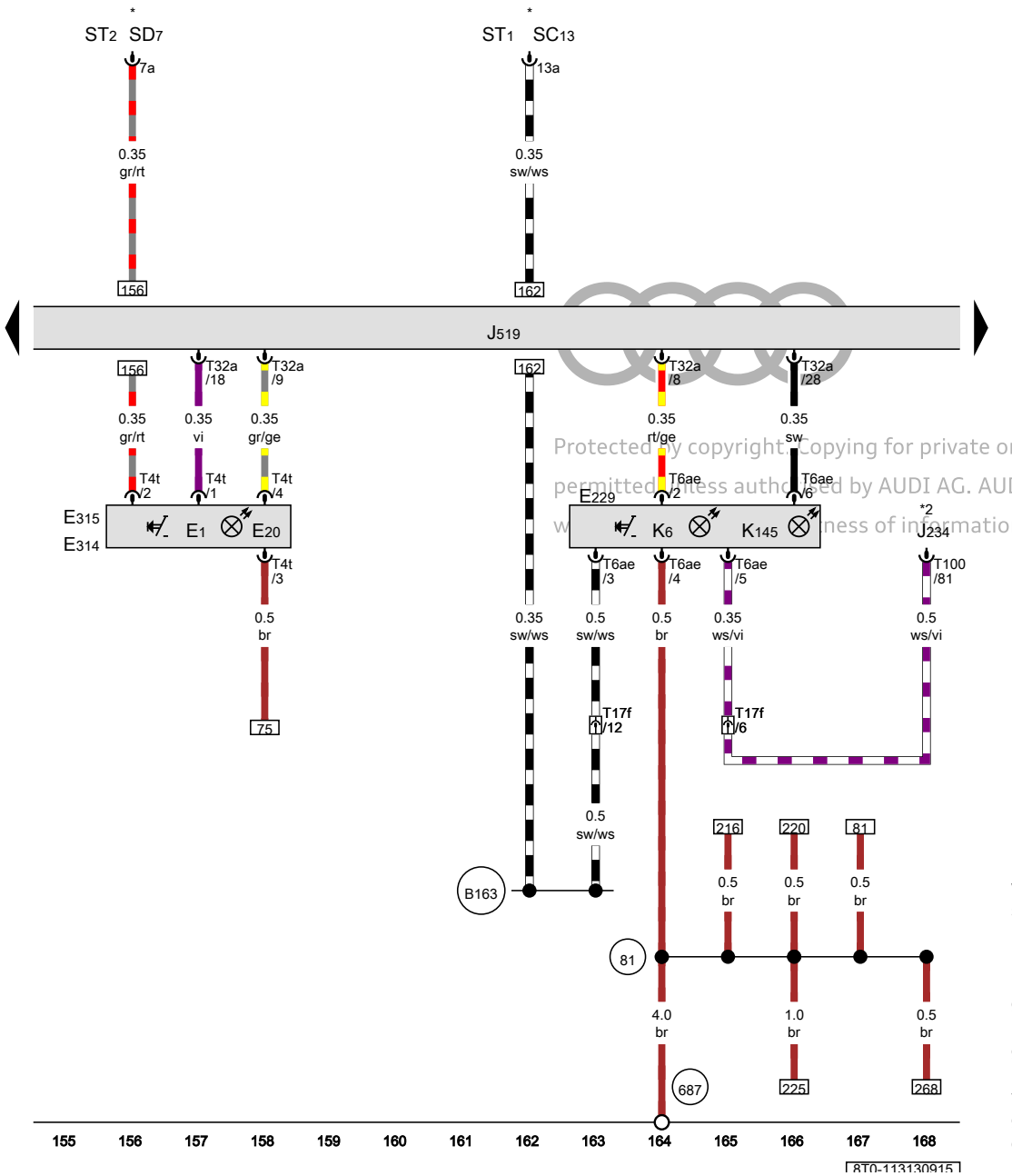


Air quality sensor, Refrigerant pressure and temperature sender, Onboard supply control unit, Garage door operation control unit

G238	Air quality sensor
G395	Refrigerant pressure and temperature sender
J519	Onboard supply control unit
J530	Garage door operation control unit
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T3f	3-pin connector
T3t	3-pin connector
T4a	4-pin connector
T6k	6-pin connector, green
T6l	6-pin connector, green
T16b	16-pin connector
B549	Connection 2 (LIN bus) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for seat adjustment
*2	see applicable current flow diagram for fuse assignment
*3	Cross section depends on equipment

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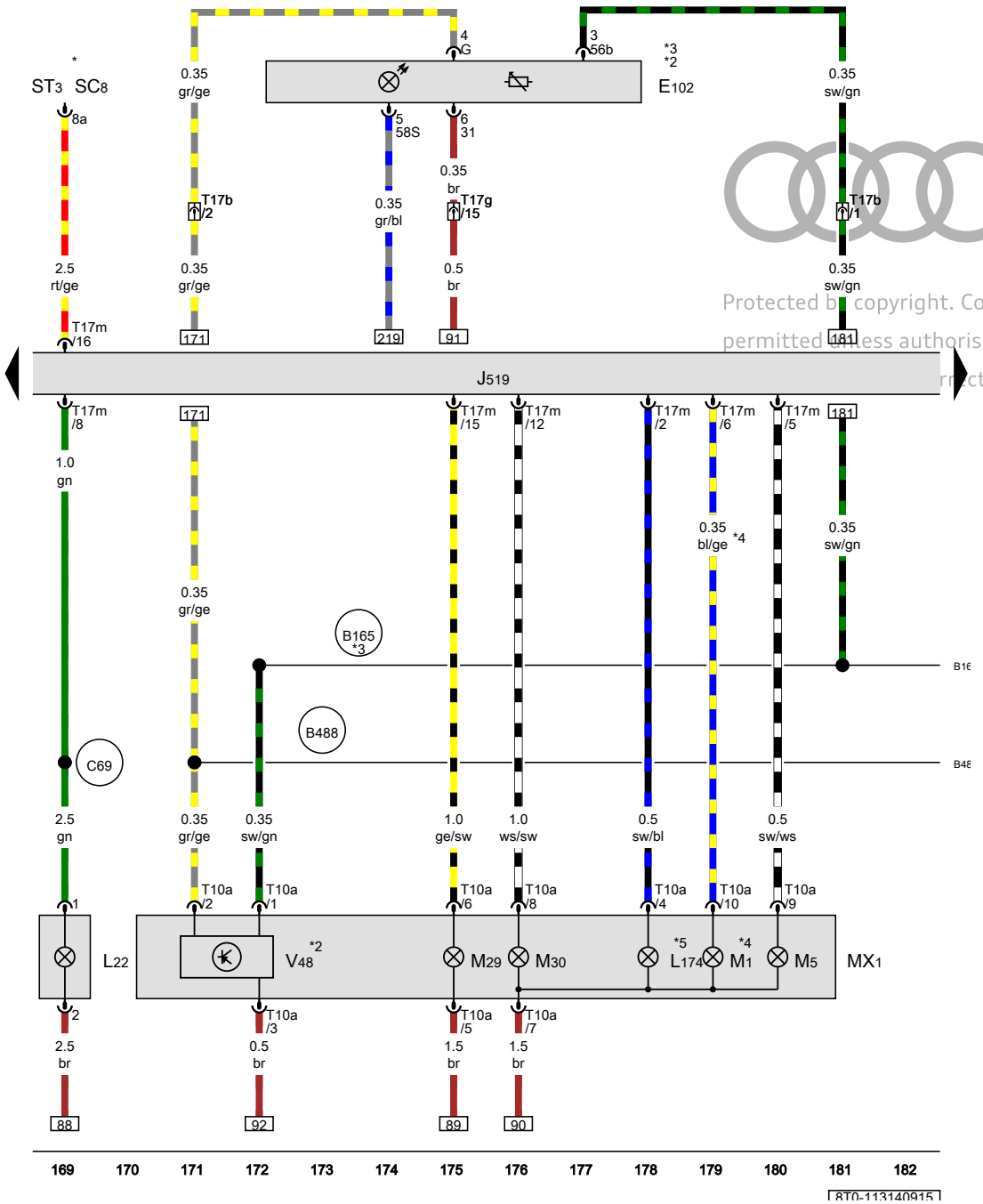


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Light switch, Hazard warning lights button, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E229	Hazard warning lights button
E314	Rear fog light button
E315	Fog light button
J234	Airbag control unit
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K145	Front passenger side airbag deactivated warning lamp
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD7	Fuse 7 on fuse holder D
SC13	Fuse 13 on fuse holder C
T4t	4-pin connector
T6ae	6-pin connector
T17f	17-pin connector, brown
T32a	32-pin connector
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
687	Earth point 1, on centre tunnel
B163	Positive connection 1 (15), in interior wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for airbag

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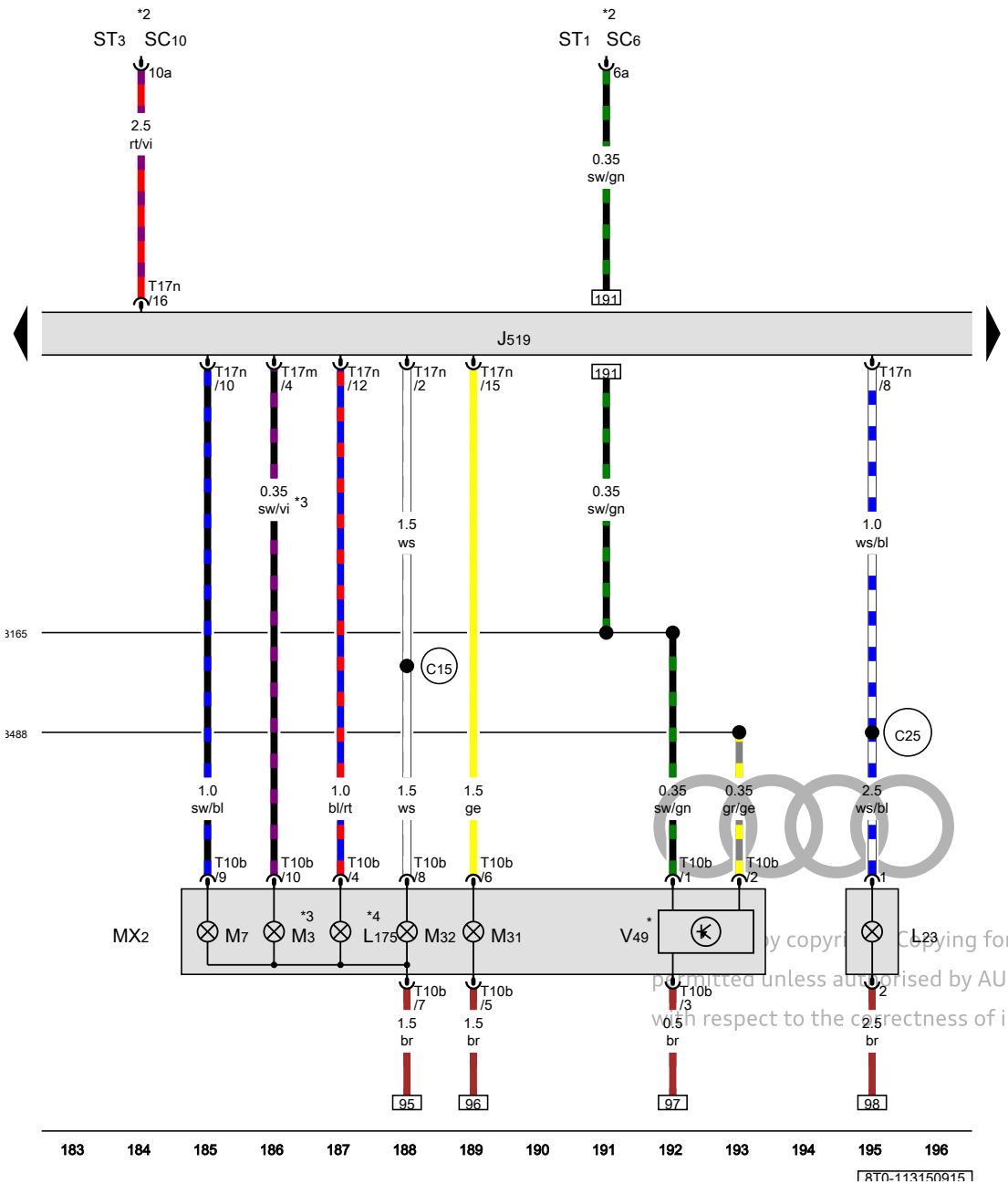


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Onboard supply control unit, Front left headlight

E102	Headlight range control regulator
J519	Onboard supply control unit
L22	Left fog light bulb
L174	Left daytime running light bulb
M1	Left side light bulb
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
ST3	Fuse carrier 3
SC8	Fuse 8 on fuse holder C
T10a	10-pin connector
T17b	17-pin connector, blue
T17g	17-pin connector, black
T17m	17-pin connector
V48	Left headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness
B488	Connection 24, in main wiring harness
C69	Front left connection (fog light),, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with no US equipment
*3	Only models with mechanical headlight range control
*4	Only models with US equipment
*5	Only models with daytime running lights

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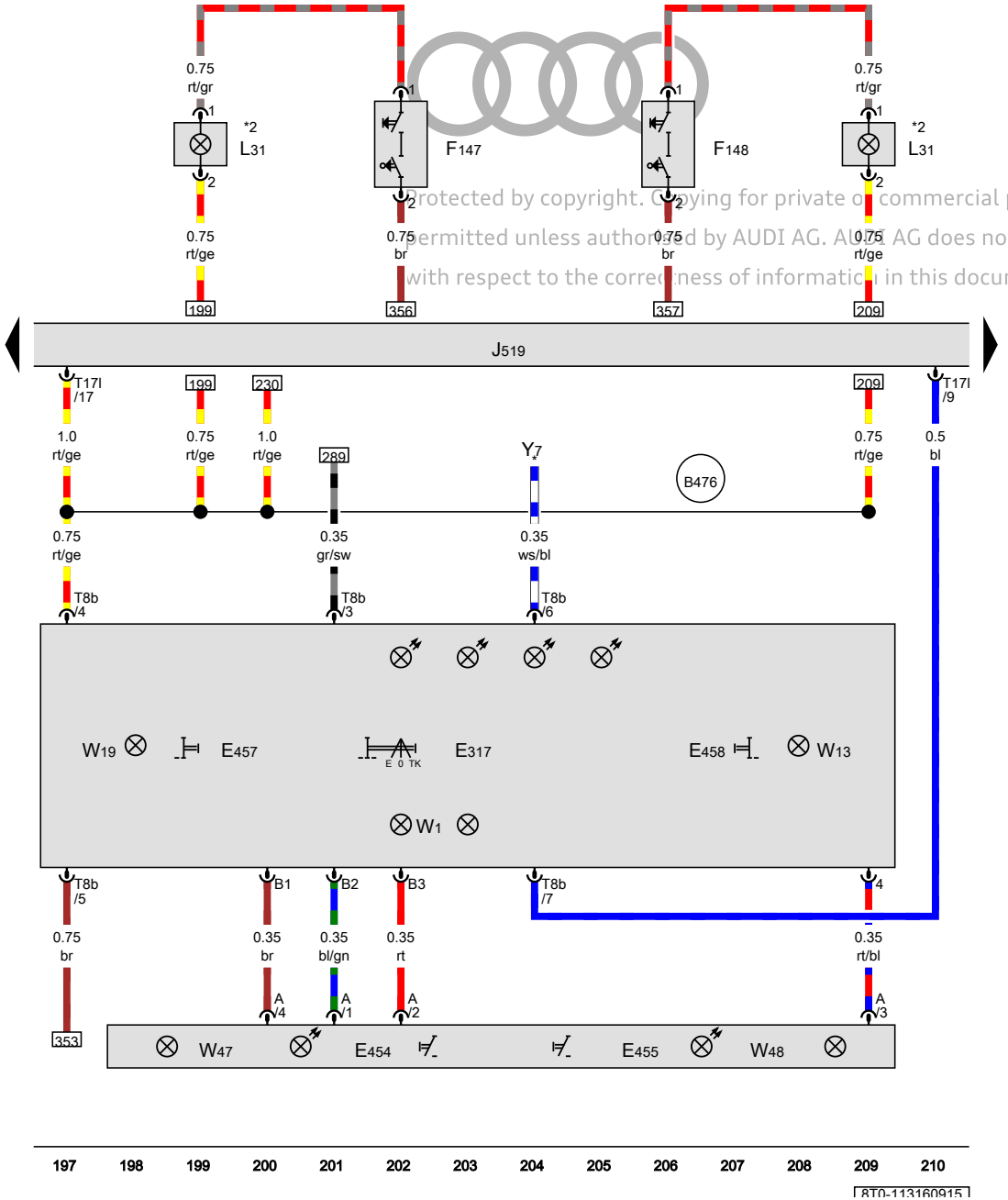


Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
L23	Right fog light bulb
L175	Right daytime running light bulb
MX2	Front right headlight
M3	Right side light bulb
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC6	Fuse 6 on fuse holder C
SC10	Fuse 10 on fuse holder C
T10b	10-pin connector
T17m	17-pin connector
T17n	17-pin connector
V49	Right headlight range control motor
B165	Positive connection 2 (15), in interior wiring harness
B488	Connection 24, in main wiring harness
C15	Connection 1, in headlight wiring harness
C25	Connection (fog light), in front lighting wiring harness
*	Only models with no US equipment
*2	see applicable current flow diagram for fuse assignment
*3	Only models with US equipment
*4	Only models with daytime running lights

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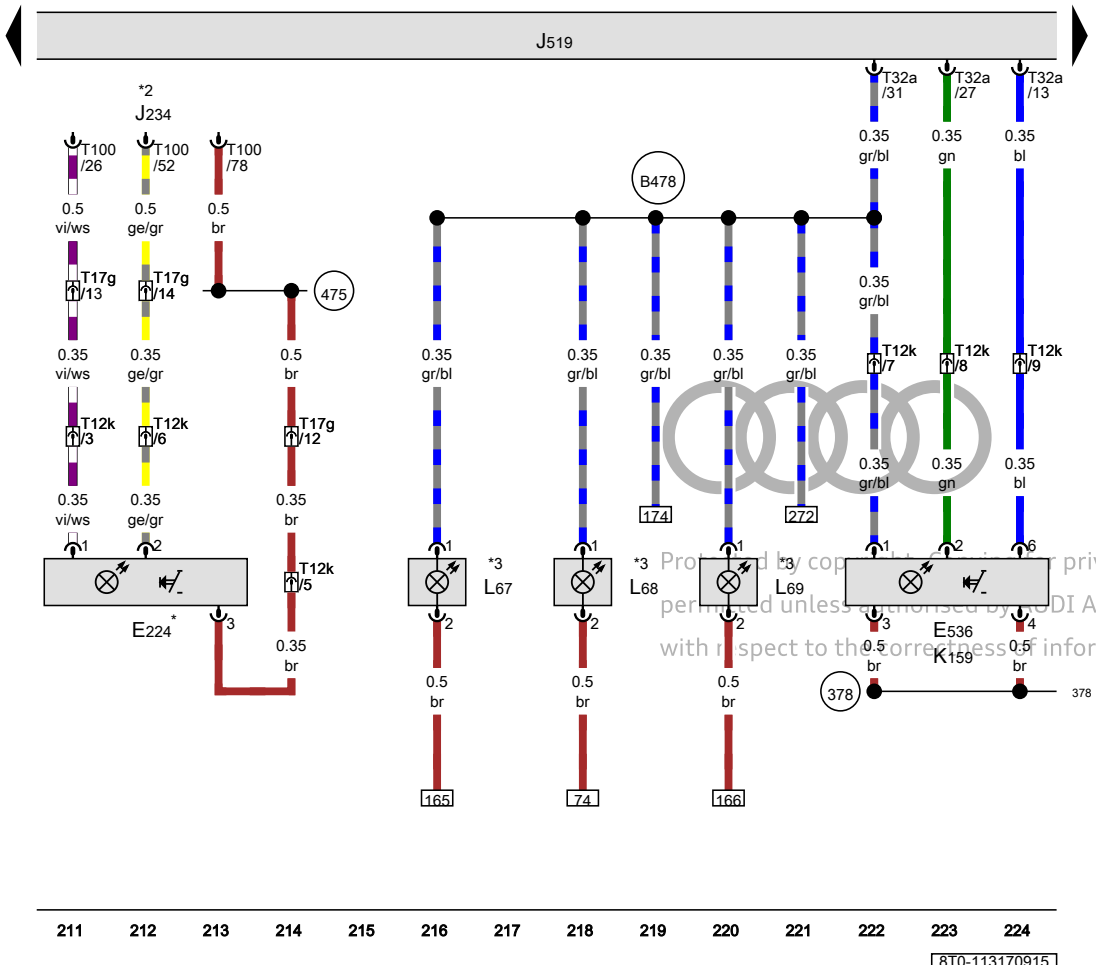
Rear left reading light button, Onboard supply control unit, Vanity mirror light bulb, Front interior light, Rear right interior light

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
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
J519	Onboard supply control unit
L31	Vanity mirror light bulb
T8b	8-pin connector
T17l	17-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
Y7	Automatic anti-dazzle interior mirror
B476	Connection 12, in main wiring harness
*	see applicable current flow diagram
*2	According to equipment

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Key operated switch to deactivate front passenger side airbag, Valet parking button, Onboard supply control unit, Valet parking warning lamp

E224	Key operated switch to deactivate front passenger side airbag
E536	Valet parking button
J234	Airbag control unit
J519	Onboard supply control unit
K159	Valet parking warning lamp
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
T12k	12-pin connector, near glove compartment
T17g	17-pin connector, black
T32a	32-pin connector
T100	100-pin connector
378	Earth connection 13, in main wiring harness
475	Earth connection (airbag), in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag
*2	see applicable current flow diagram for airbag
*3	According to equipment

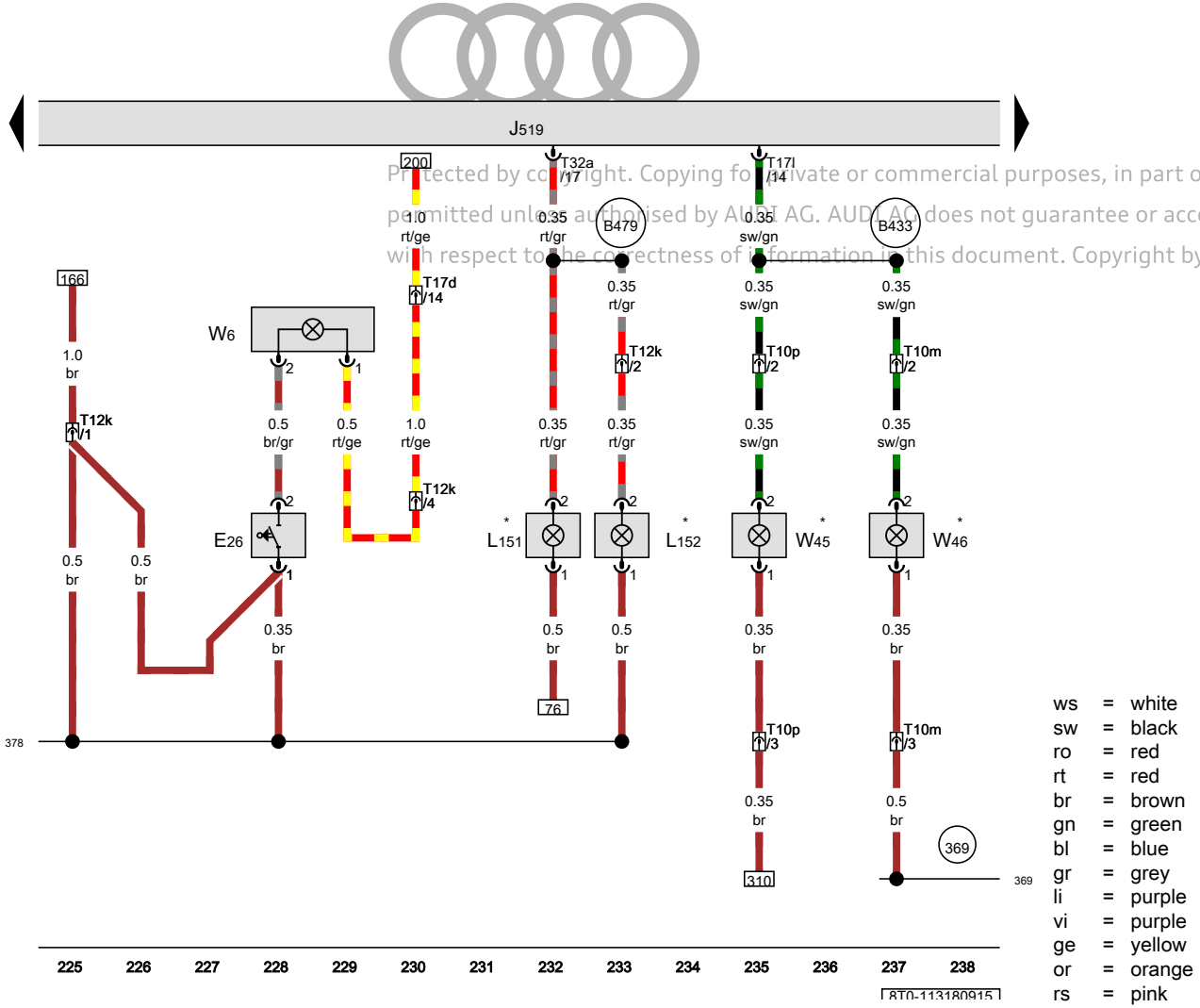


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Glove compartment light switch, Onboard supply control unit, Front left footwell illumination bulb, Front right footwell illumination bulb, Glove compartment light, Earth connection 4, in main wiring harness

E26	Glove compartment light switch
J519	Onboard supply control unit
L151	Front left footwell illumination bulb
L152	Front right footwell illumination bulb
T10m	10-pin connector, red
T10p	10-pin connector, red
T12k	12-pin connector, near glove compartment
T17d	17-pin connector, brown
T17l	17-pin connector
T32a	32-pin connector
W6	Glove compartment light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
378	Earth connection 13, in main wiring harness
B433	Connection (footwell light), in main wiring harness
B479	Connection 15, in main wiring harness
*	According to equipment

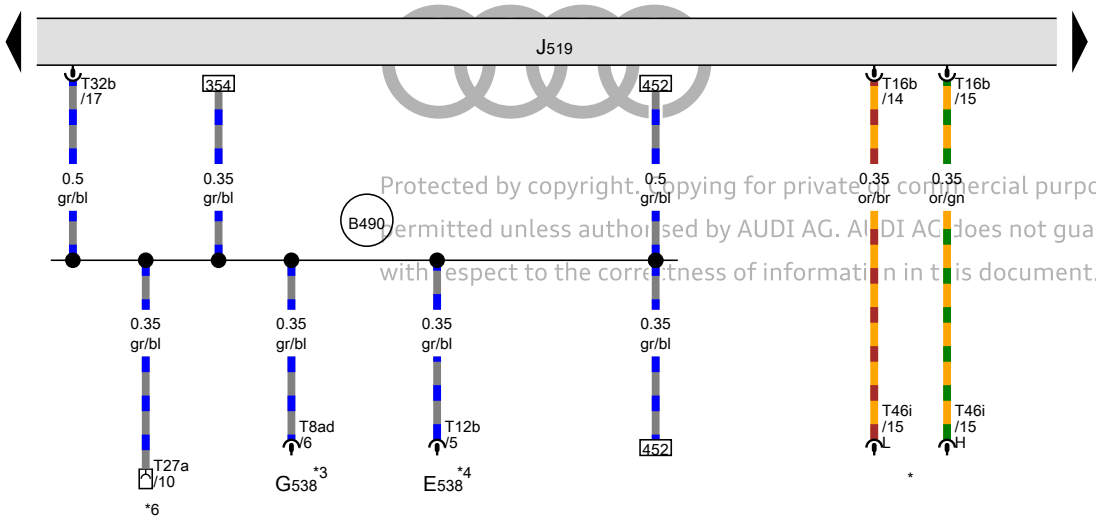


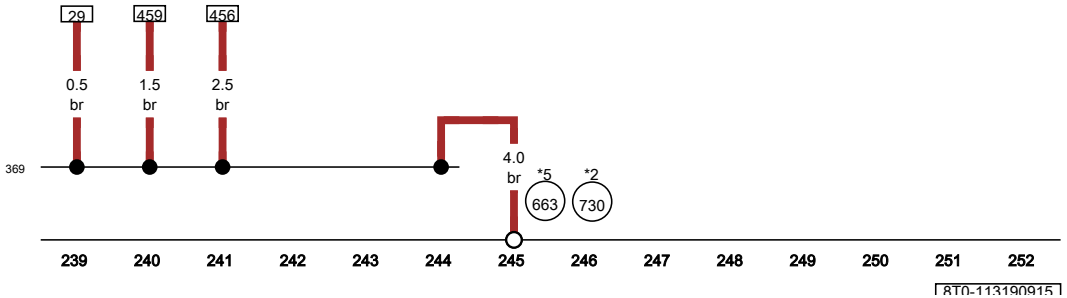
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Onboard supply control unit, Earth connection 4, in main wiring harness, Connection 26, in main wiring harness

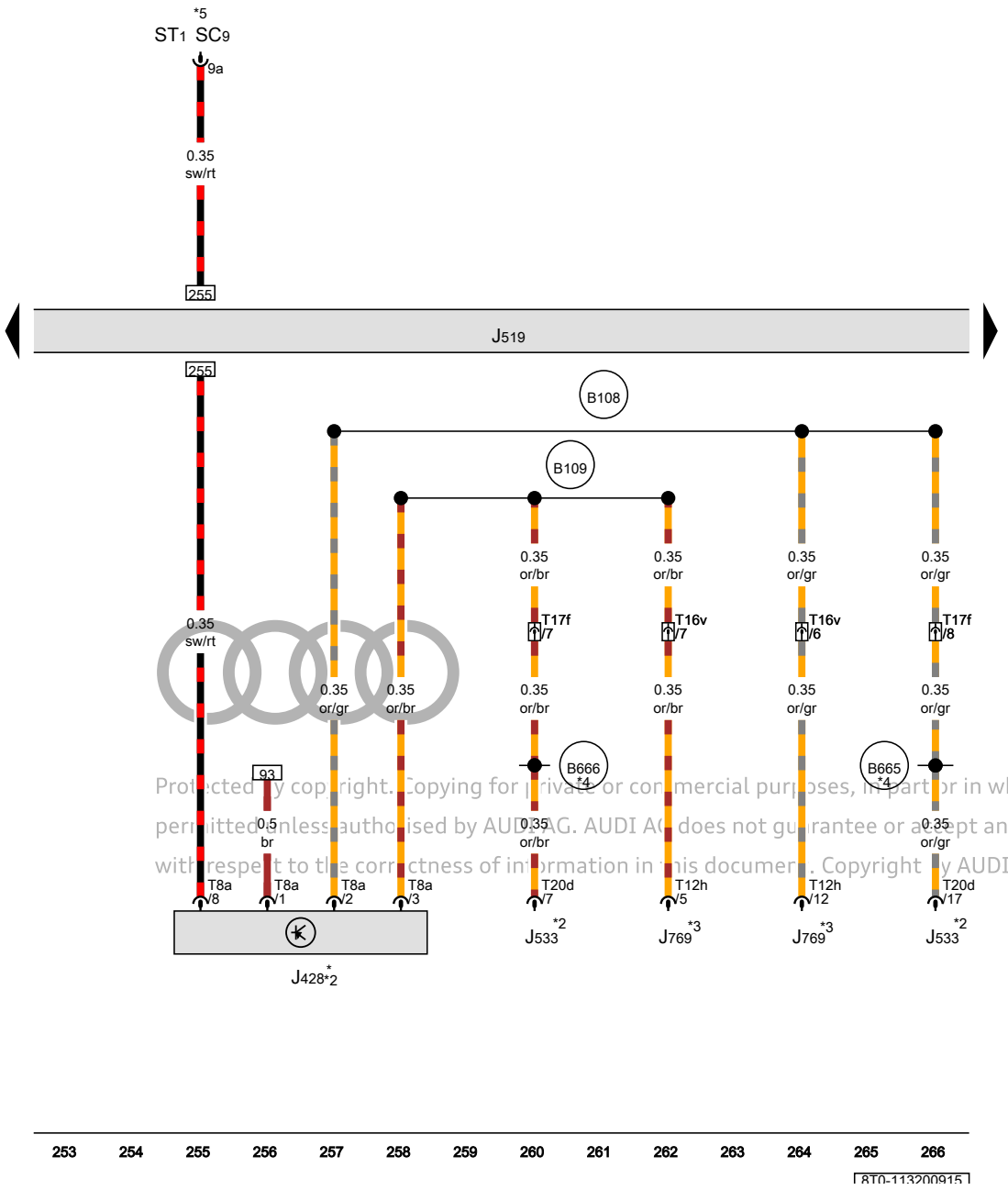
E538	Electromechanical parking brake button
G538	Potentiometer for rear temperature selection
J519	Onboard supply control unit
T8ad	8-pin connector
T12b	12-pin connector
T16b	16-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T32b	32-pin connector
T46i	46-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
B490	Connection 26, in main wiring harness
*	Driver side push-in bridge, brown
*2	Only models with 5-doors
*3	see applicable current flow diagram for air conditioning
*4	According to equipment
*5	Only models with 2-doors
*6	see applicable current flow diagram for convenience system





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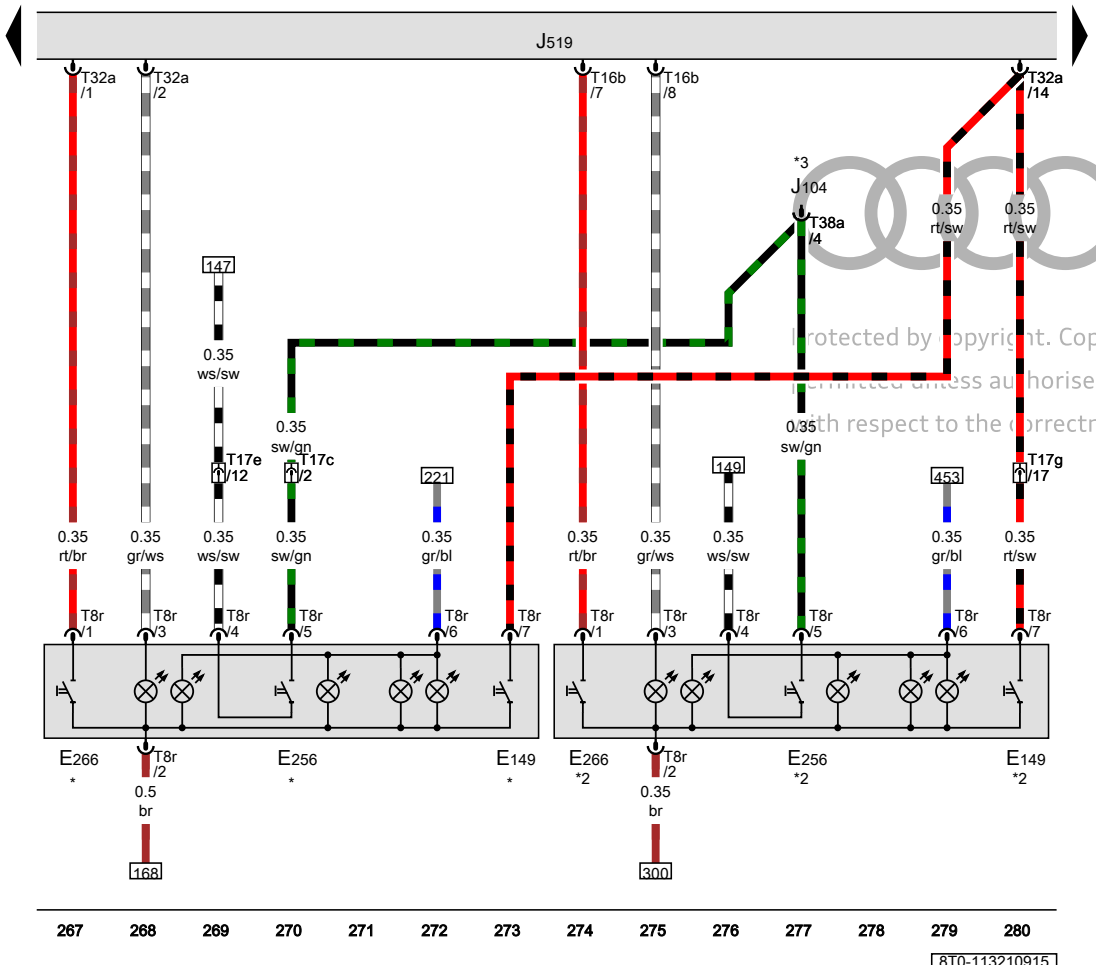
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Adaptive cruise control unit, Onboard supply control unit

J428	Adaptive cruise control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST1	Fuse carrier 1
SC9	Fuse 9 on fuse holder C
T8a	8-pin connector
T12h	12-pin connector
T16v	16-pin connector
T17f	17-pin connector, brown
T20d	20-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	Only models with lane departure warning assist
*2	see applicable current flow diagram
*3	see applicable current flow diagram for lane change assist
*4	According to equipment
*5	see applicable current flow diagram for fuse assignment

Rear roller blind switch, Button for TCS and electronic stabilisation program, Parking aid button, Onboard supply control unit

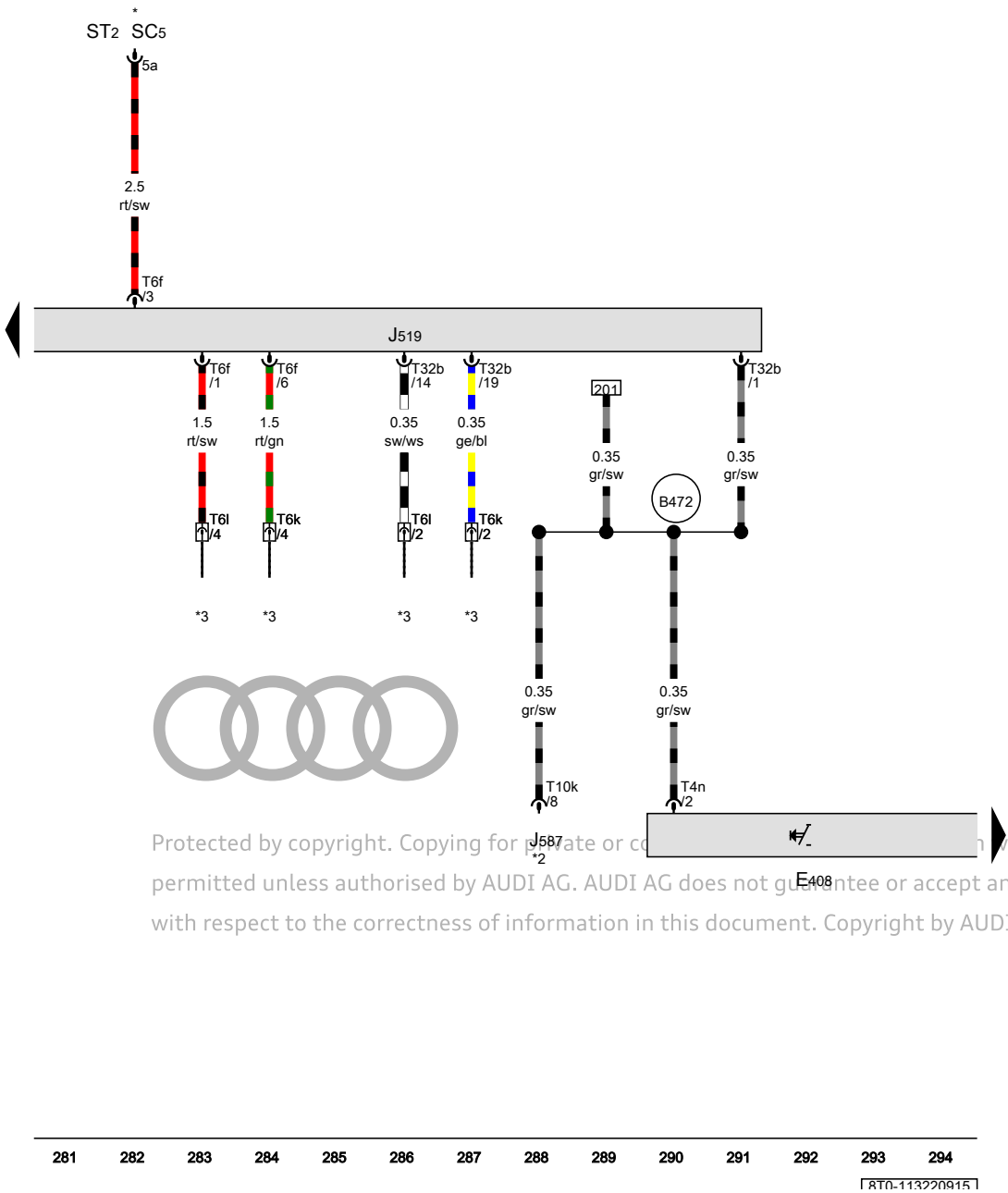
E149	Rear roller blind switch
E256	Button for TCS and electronic stabilisation program
E266	Parking aid button
J104	ABS control unit
J519	Onboard supply control unit
T8r	8-pin connector
T16b	16-pin connector
T17c	17-pin connector, black
T17e	17-pin connector, red
T17g	17-pin connector, black
T32a	32-pin connector
T38a	38-pin connector
*	Only models with navigation system
*2	Only models with no navigation system
*3	see applicable current flow diagram for ABS



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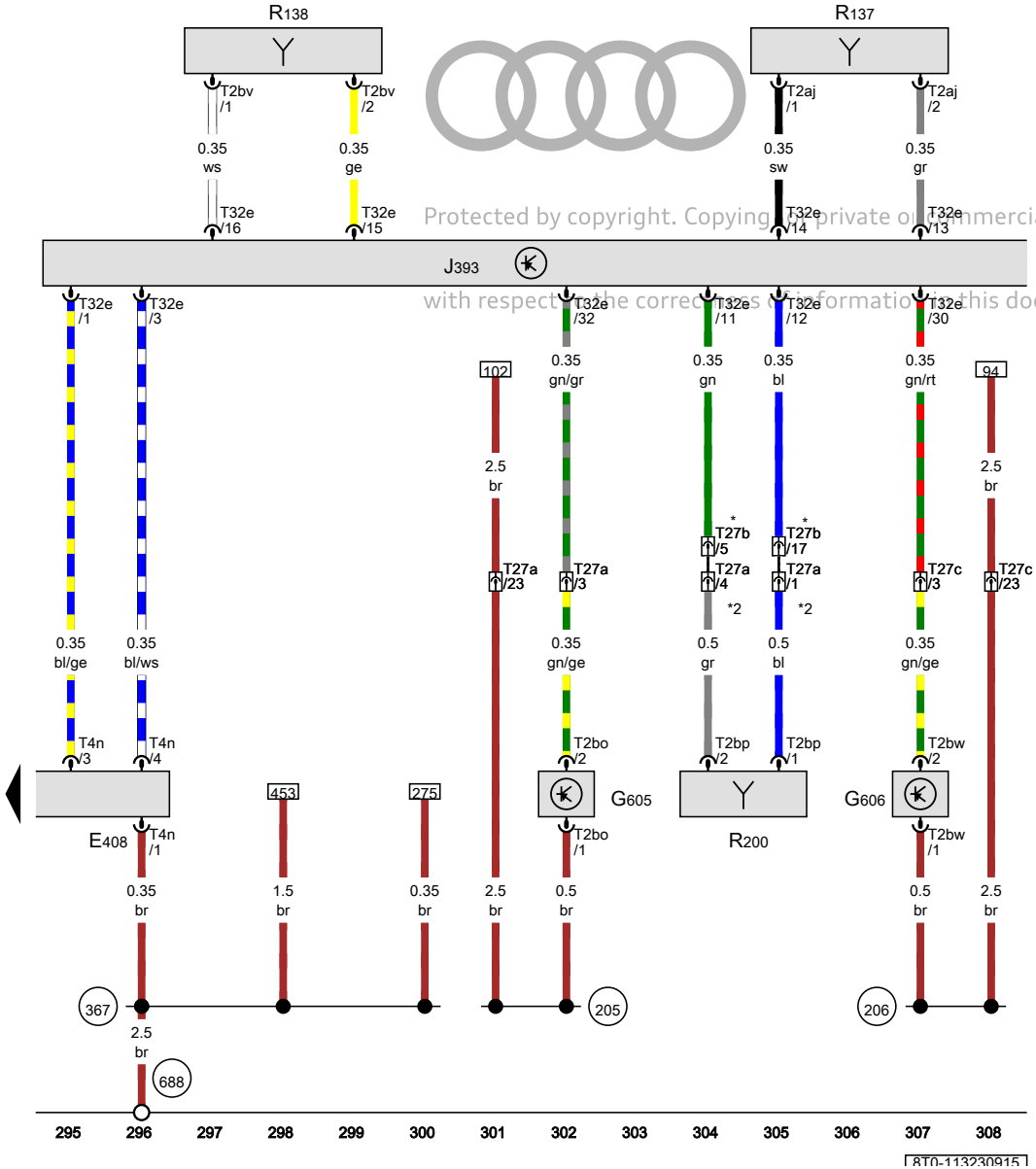
Entry and start authorisation button, Onboard supply control unit



E408	Entry and start authorisation button
J519	Onboard supply control unit
J587	Selector lever sensors control unit
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T4n	4-pin connector
T6f	6-pin connector
T6k	6-pin connector, green
T6l	6-pin connector, green
T10k	10-pin connector
T32b	32-pin connector
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for seat heating

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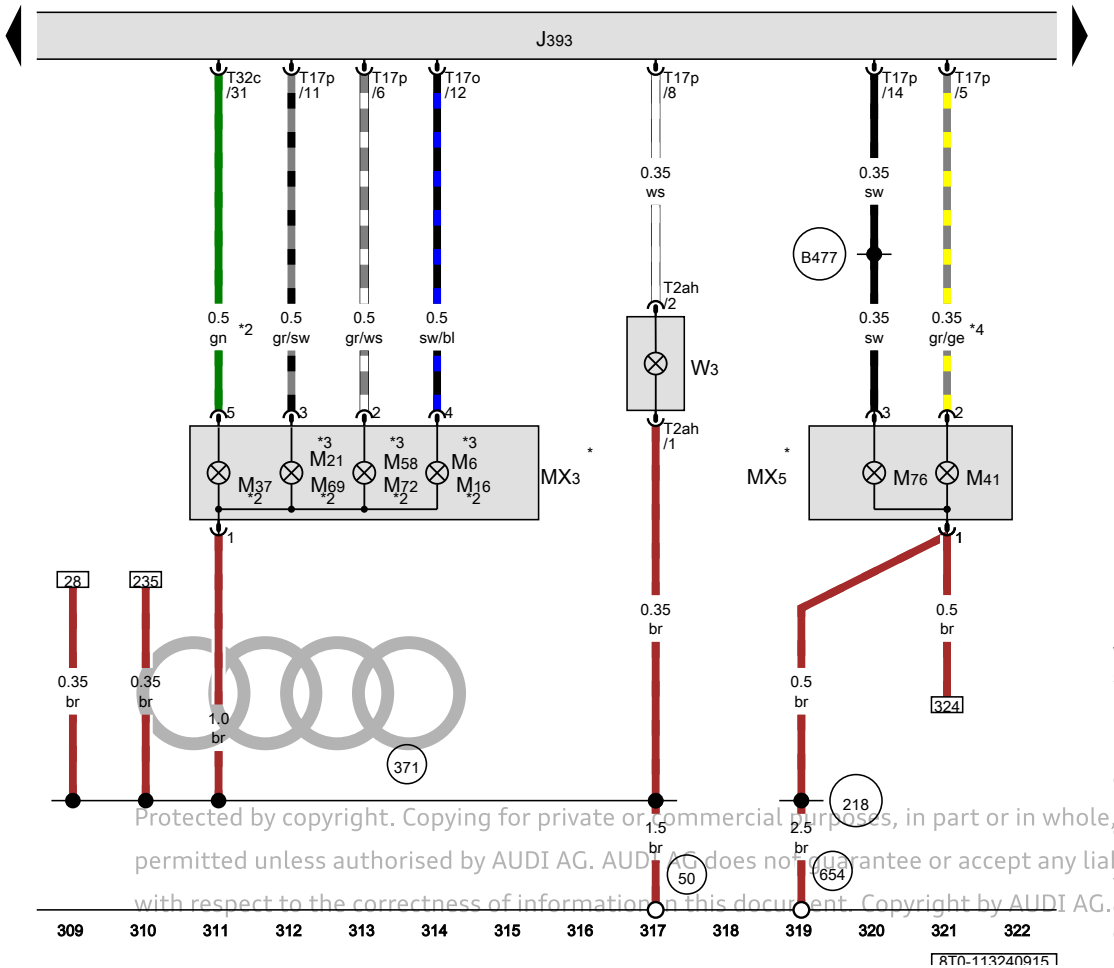
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Entry and start authorisation button, Contact sensor for front left exterior door handle, Contact sensor for front right exterior door handle, Convenience system central control unit, Left aerial for entry and start authorisation

E408	Entry and start authorisation button
G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
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
T2aj	2-pin connector
T2bo	2-pin connector
T2bp	2-pin connector
T2bv	2-pin connector
T2bw	2-pin connector
T4n	4-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32e	32-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with 5-doors
*2	Only models with 2-doors

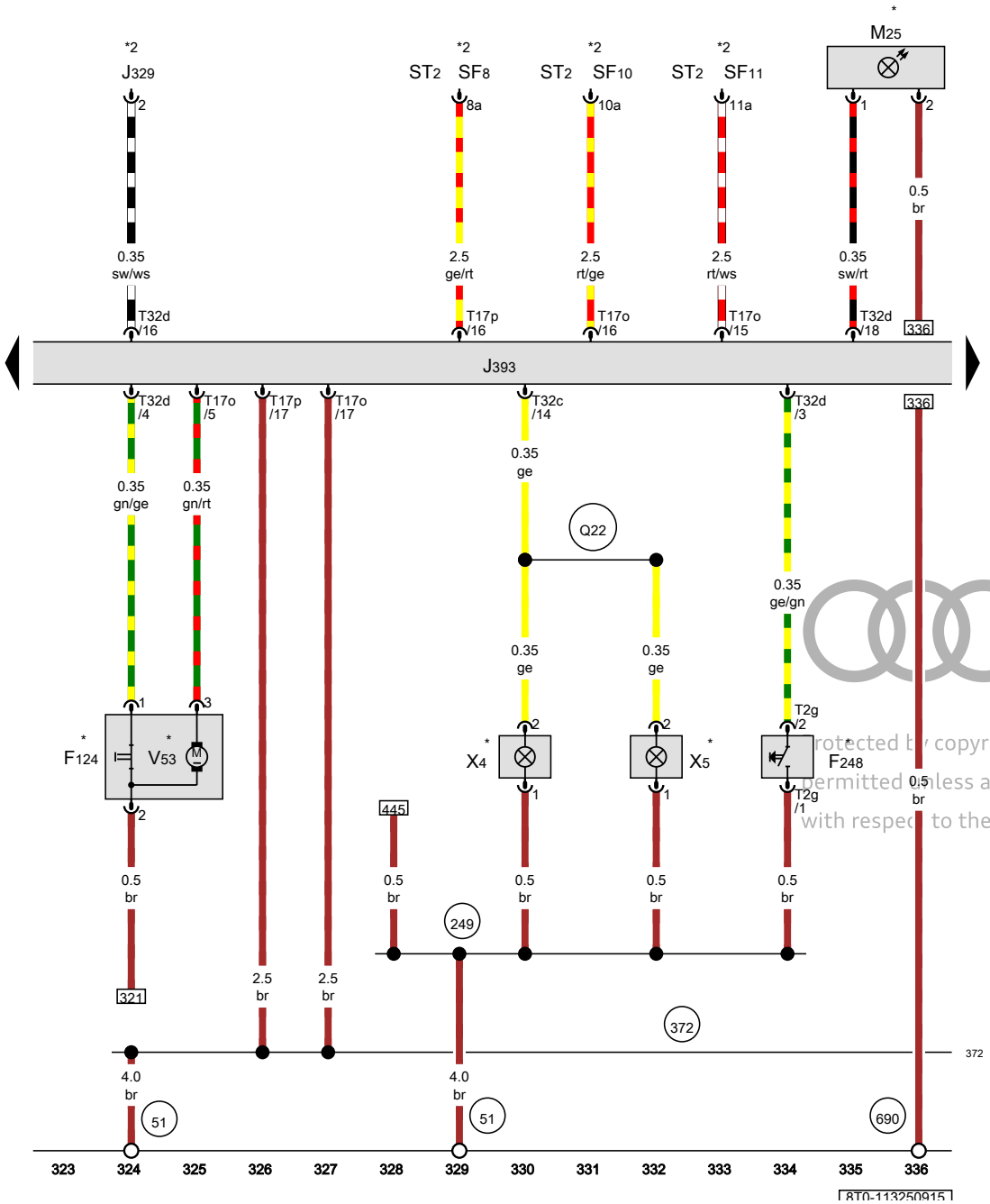
Convenience system central control unit, Left tail light, Left tail light 2, Luggage compartment light

J393	Convenience system central control unit
MX3	Left tail light
MX5	Left tail light 2
M6	Rear left turn signal bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M76	Left reversing light bulb 2
T2ah	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
W3	Luggage compartment light
50	Earth point, on left in luggage compartment
218	Earth connection 1, in rear lid wiring harness
371	Earth connection 6, in main wiring harness
654	Earth point, on right D-pillar
B477	Connection 13, in main wiring harness
*	Only models with 2-doors
*2	Only models with US equipment
*3	Only models with no US equipment
*4	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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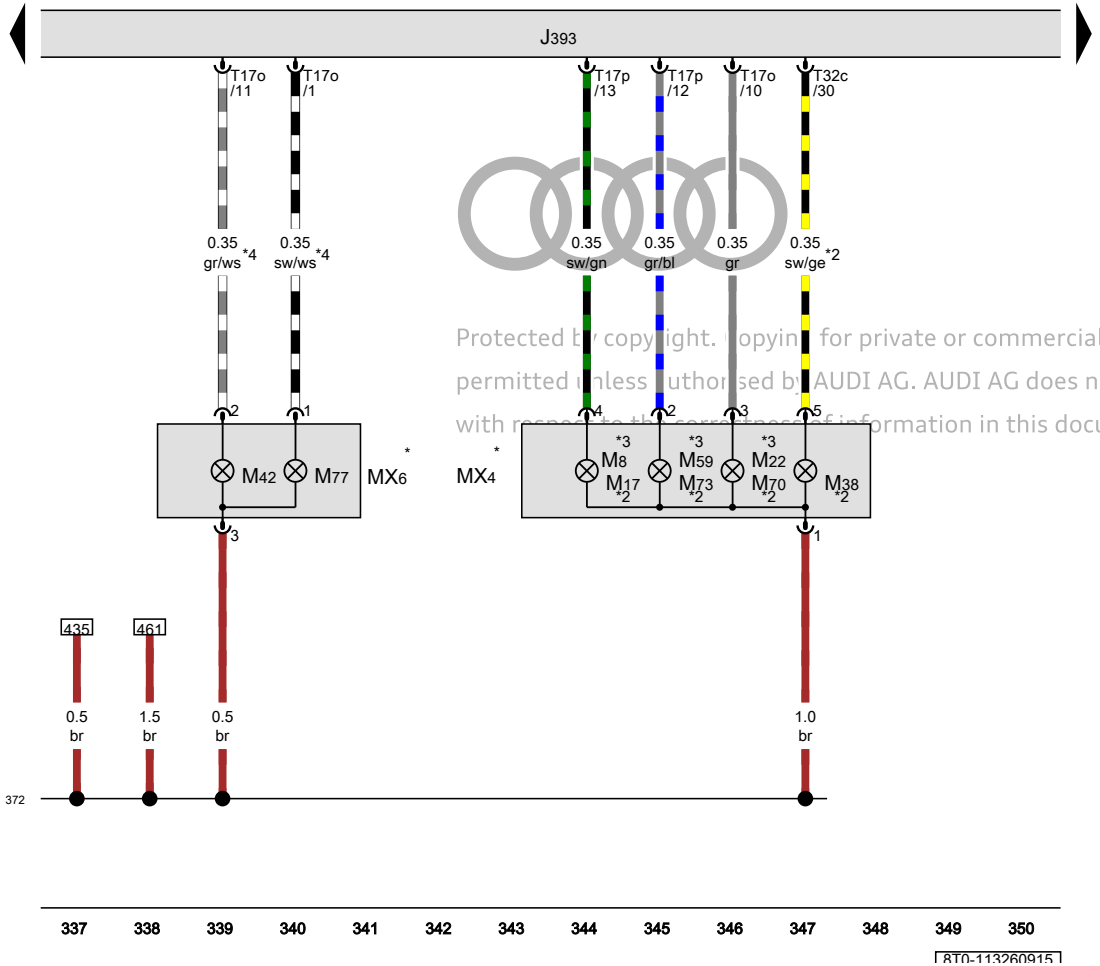
Convenience system central control unit, Rear lid central locking motor

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
J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
M25	High-level brake light bulb
ST2	Fuse carrier 2
SF8	Fuse 8 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
T2g	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	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
249	Earth connection 2, in interior wiring harness
372	Earth connection 7, in main wiring harness
690	Earth point, rear centre roof frame
Q22	Connection 1, in rear lid wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram for fuse assignment

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Convenience system central control unit, Right tail light, Right tail light 2

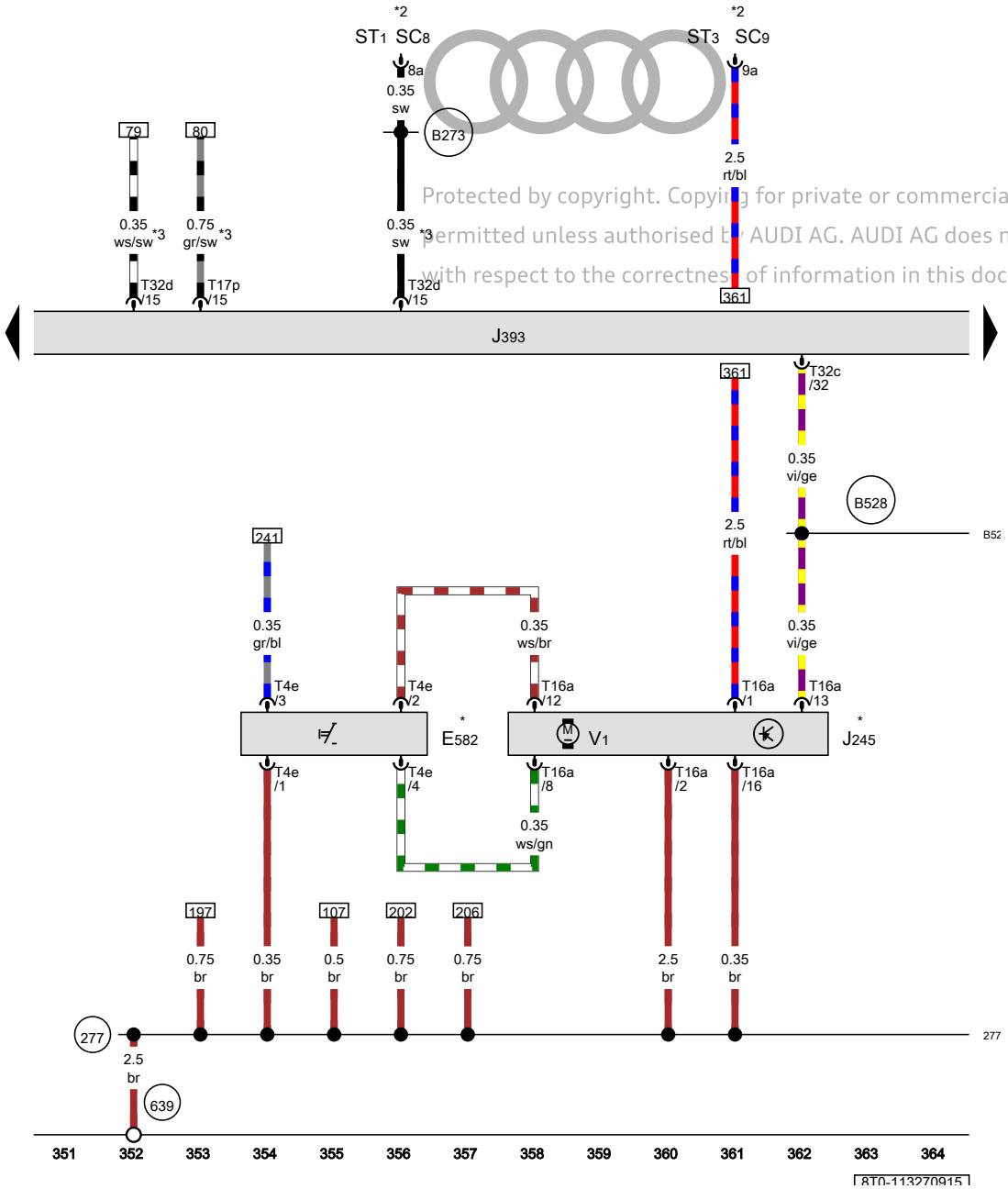
J393	Convenience system central control unit
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M77	Right reversing light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
372	Earth connection 7, in main wiring harness
*	Only models with 2-doors
*2	Only models with US equipment
*3	Only models with no US equipment
*4	Wiring colour depends on equipment



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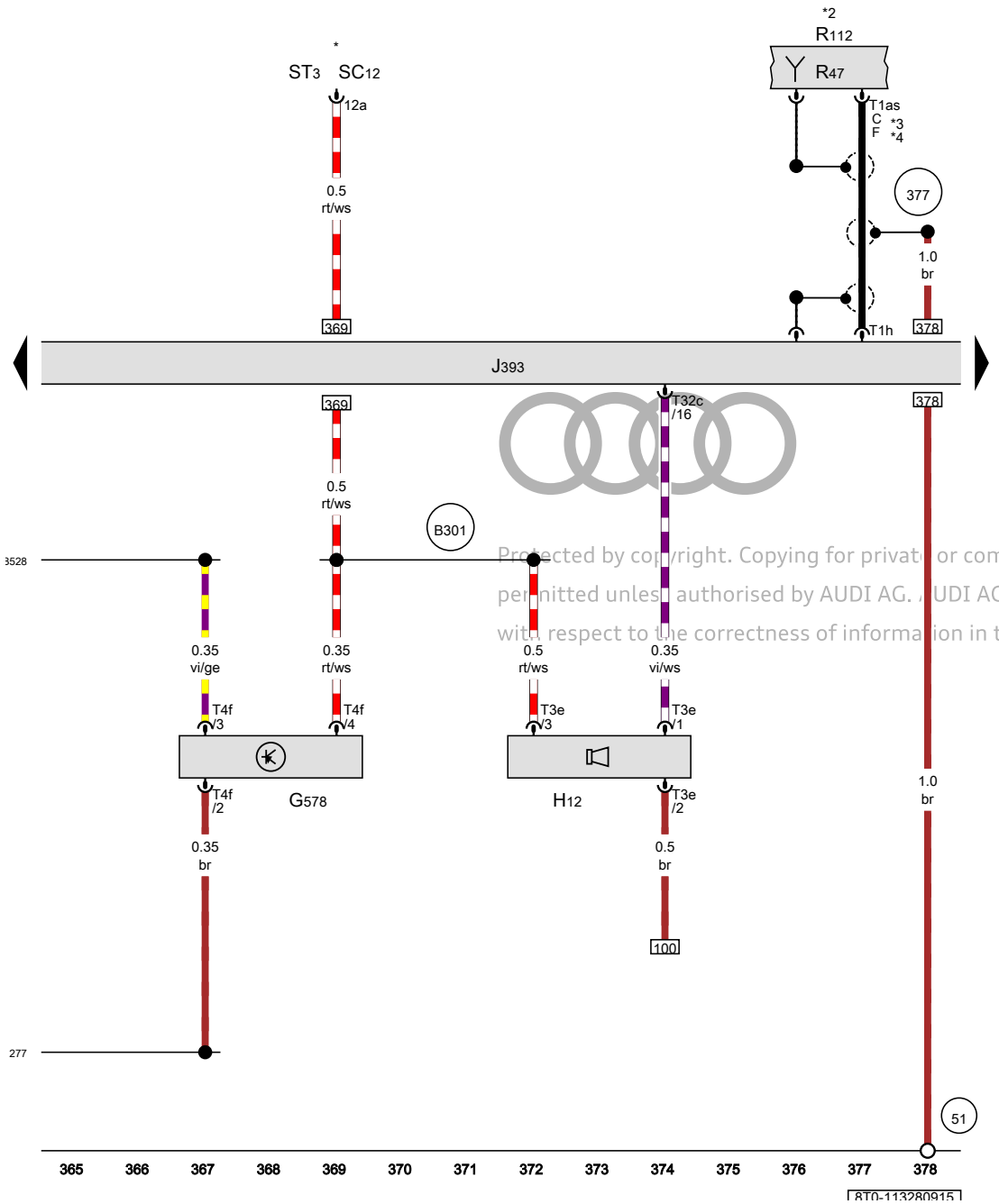
Button 1 for tilting roof, Sliding sunroof adjustment control unit, Convenience system central control unit, Sliding sunroof motor



ws	=	white
sw	=	black
ro	=	red
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gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink

E582	Button 1 for tilting roof
J245	Sliding sunroof adjustment control unit
J393	Convenience system central control unit
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SC8	Fuse 8 on fuse holder C
SC9	Fuse 9 on fuse holder C
T4e	4-pin connector
T16a	16-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	32-pin connector
V1	Sliding sunroof motor
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B273	Positive connection (15), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram for fuse assignment
*3	According to equipment

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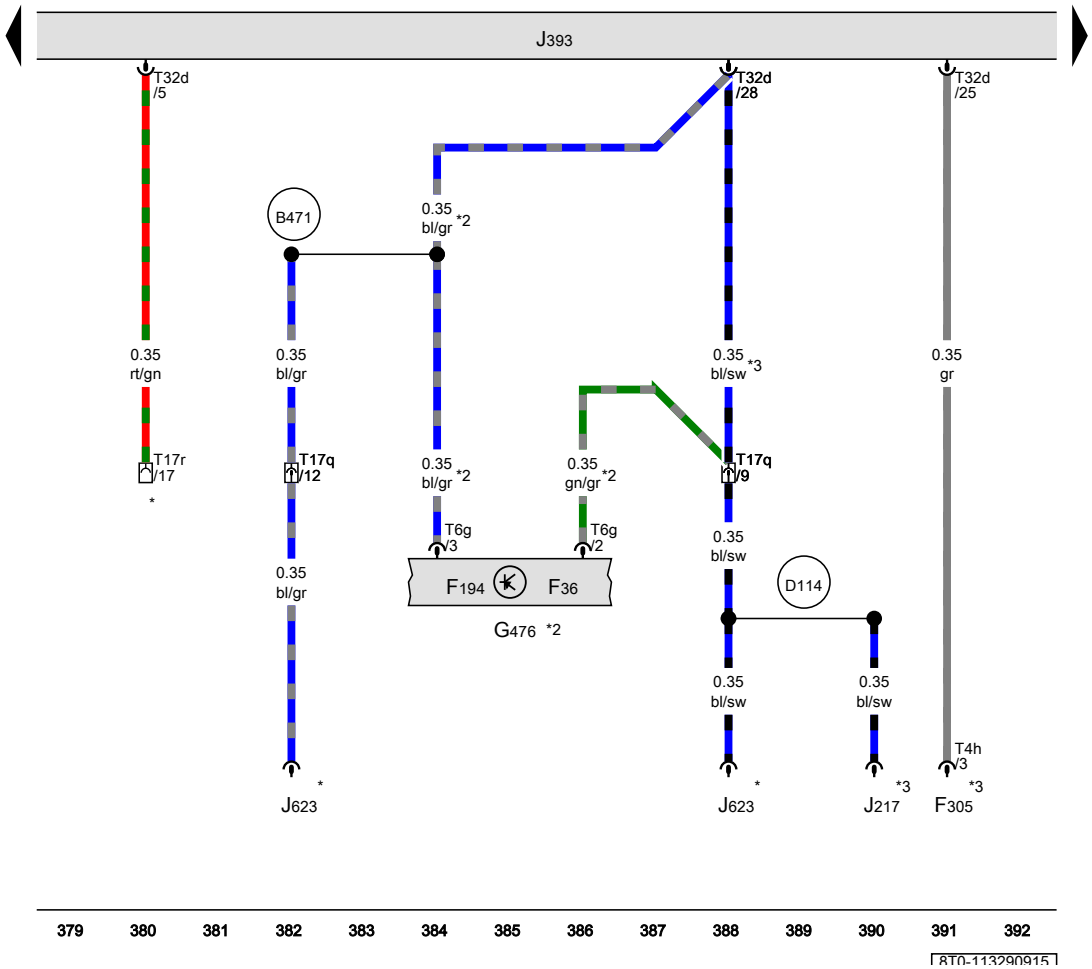
Anti-theft alarm sensor, Alarm horn, Convenience system central control unit

G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R112	Aerial amplifier 3
ST3	Fuse carrier 3
SC12	Fuse 12 on fuse holder C
T1as	Single connector
T1h	Single connector
T3e	3-pin connector
T4f	4-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
277	Earth connection 3, in interior wiring harness
377	Earth connection 12, in main wiring harness
B301	Positive connection 5 (30), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	According to equipment
*4	see applicable current flow diagram for MMI (information electronics)

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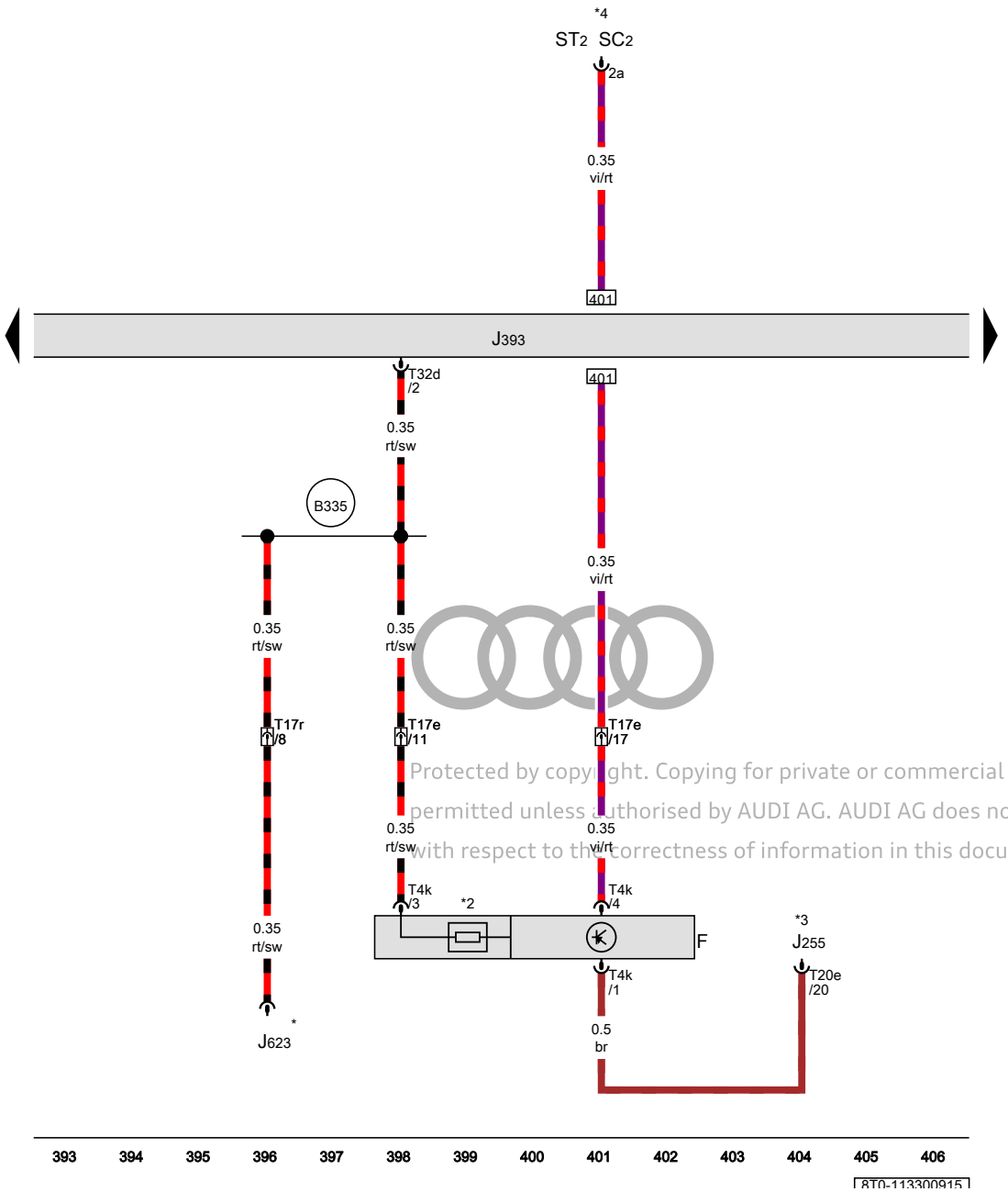
Clutch pedal switch, Convenience system central control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
F305	Gear selector position P switch
G476	Clutch position sender
J217	Automatic gearbox control unit
J393	Convenience system central control unit
J623	Engine control unit
T4h	4-pin connector
T6g	6-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox



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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

Brake light switch, Convenience system central control unit

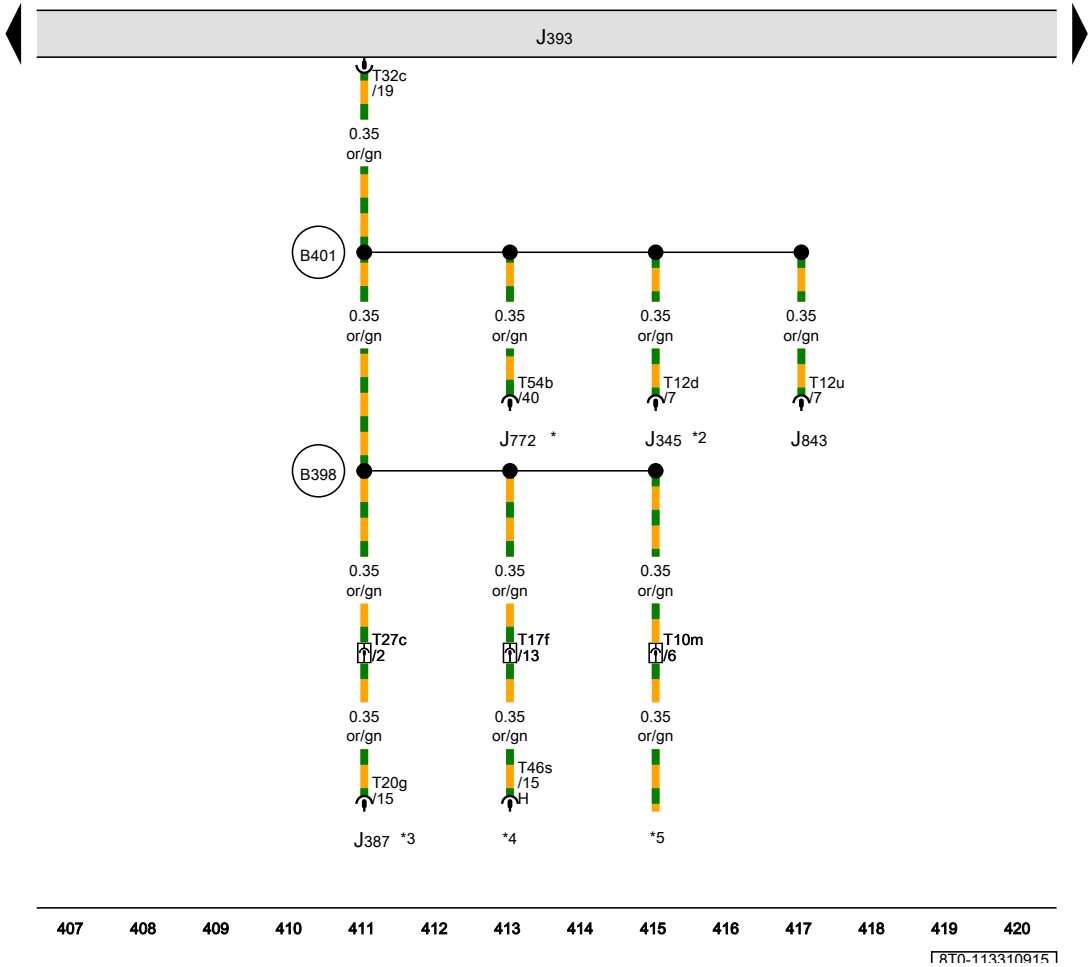


F	Brake light switch
J255	Climatronic control unit
J393	Convenience system central control unit
J623	Engine control unit
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T32d	32-pin connector
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram for engine
*2	Solenoid coil for brake light sensor
*3	see applicable current flow diagram for air conditioning
*4	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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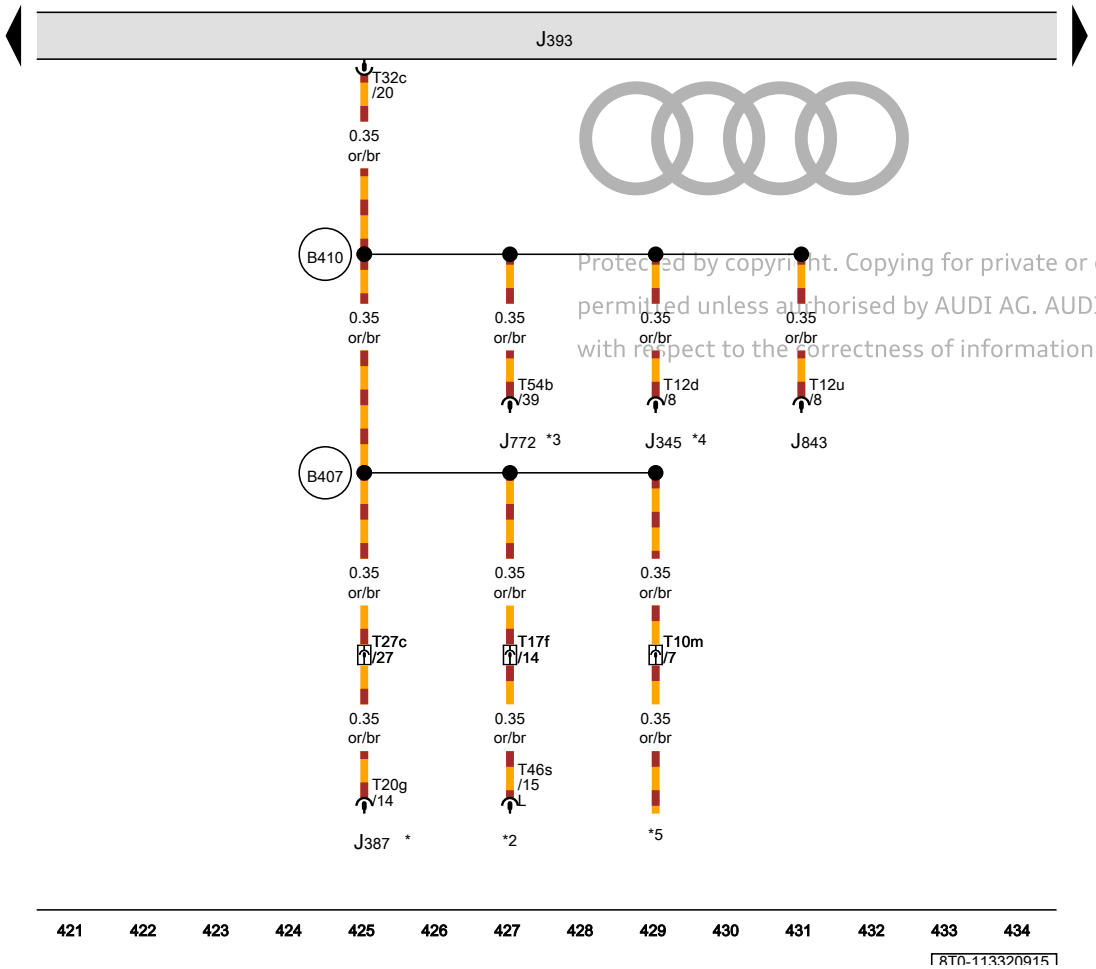
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Convenience system central control unit

J345	Trailer detector control unit
J387	Front passenger door control unit
J393	Convenience system central control unit
J772	Reversing camera system control unit
J843	Interface control unit for vehicle location system
T10m	10-pin connector, red
T12d	12-pin connector
T12u	12-pin connector
T17f	17-pin connector, brown
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32c	32-pin connector
T46s	46-pin connector
T54b	54-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
*	Only models with reversing camera system
*2	Only models with trailer socket
*3	see applicable current flow diagram for convenience system
*4	Front passenger side push-in bridge, brown
*5	see applicable current flow diagram for seat adjustment

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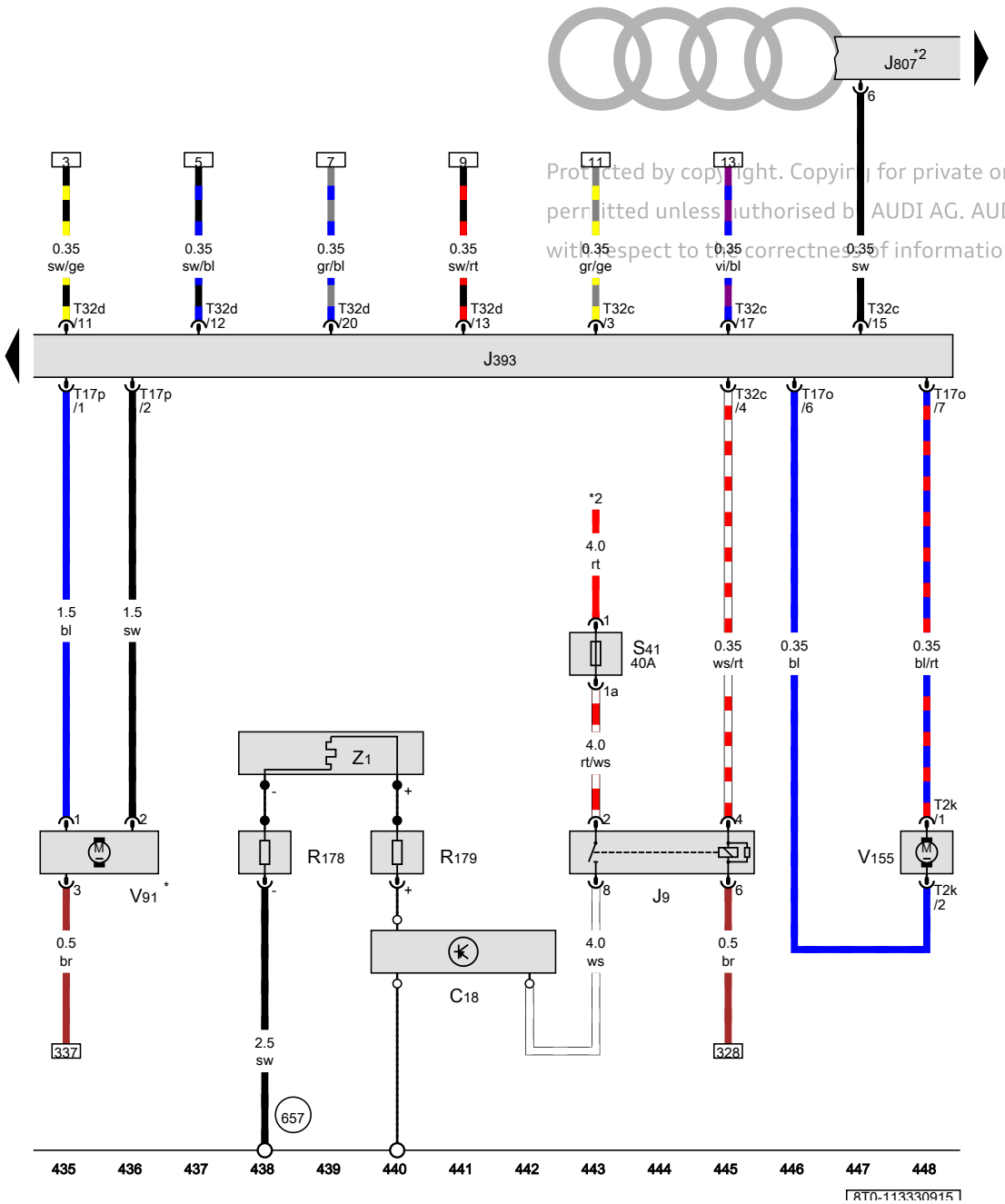


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Convenience system central control unit

J345	Trailer detector control unit
J387	Front passenger door control unit
J393	Convenience system central control unit
J772	Reversing camera system control unit
J843	Interface control unit for vehicle location system
T10m	10-pin connector, red
T12d	12-pin connector
T12u	12-pin connector
T17f	17-pin connector, brown
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32c	32-pin connector
T46s	46-pin connector
T54b	54-pin connector
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Front passenger side push-in bridge, brown
*3	Only models with reversing camera system
*4	Only models with trailer socket
*5	see applicable current flow diagram for seat adjustment

ws	=	white
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ro	=	red
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or	=	orange
rs	=	pink

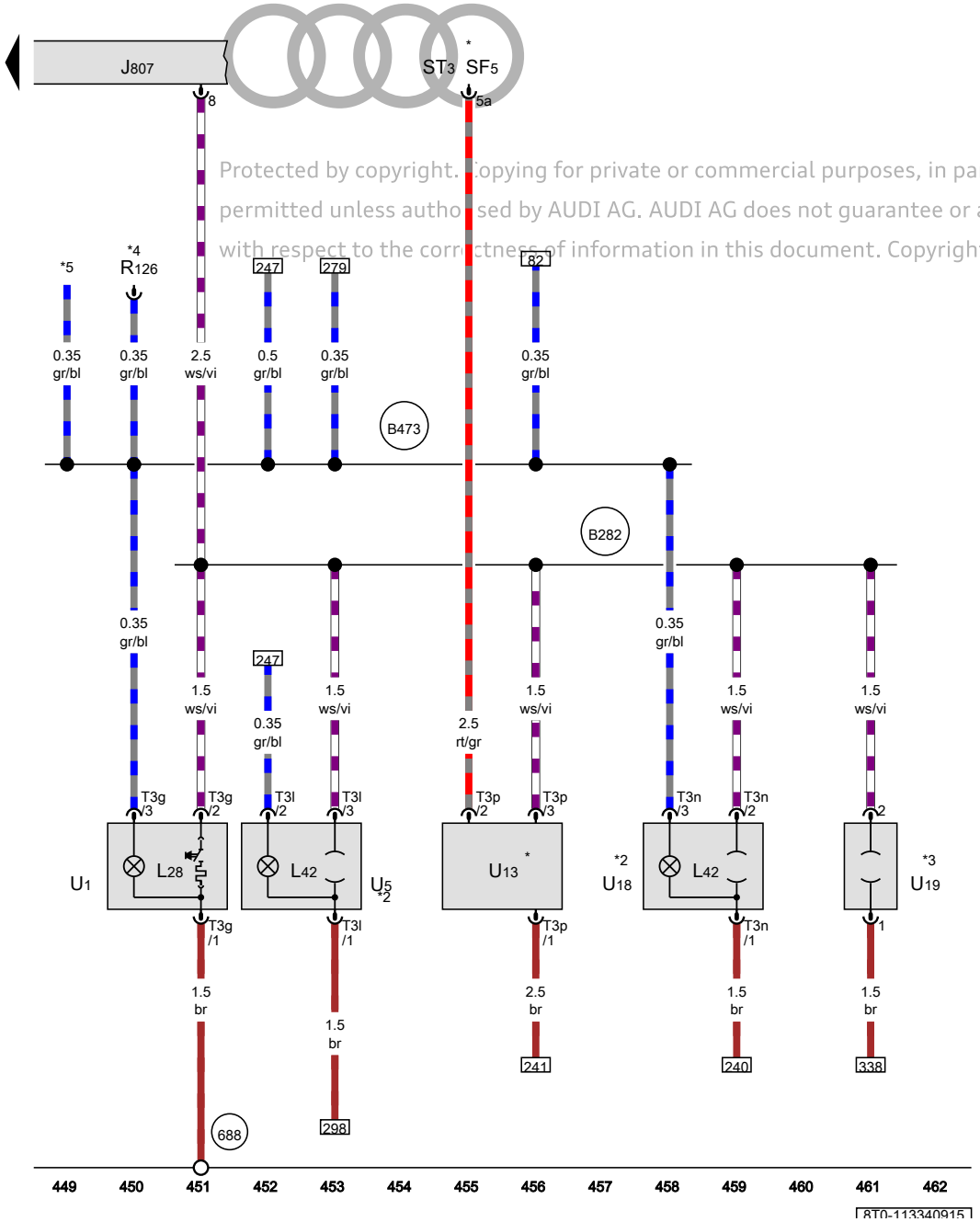


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Convenience system central control unit, Relay for power sockets, Rear roller blind motor, Tank filler flap locking motor, Heated rear window

C18	Window aerial suppression filter
J9	Heated rear window relay
J393	Convenience system central control unit
J807	Relay for power sockets
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T2k	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	32-pin connector
V91	Rear roller blind motor
V155	Tank filler flap locking motor
Z1	Heated rear window
657	Earth point 1, on left near rear window
*	Only vehicles with electric rear roller blind
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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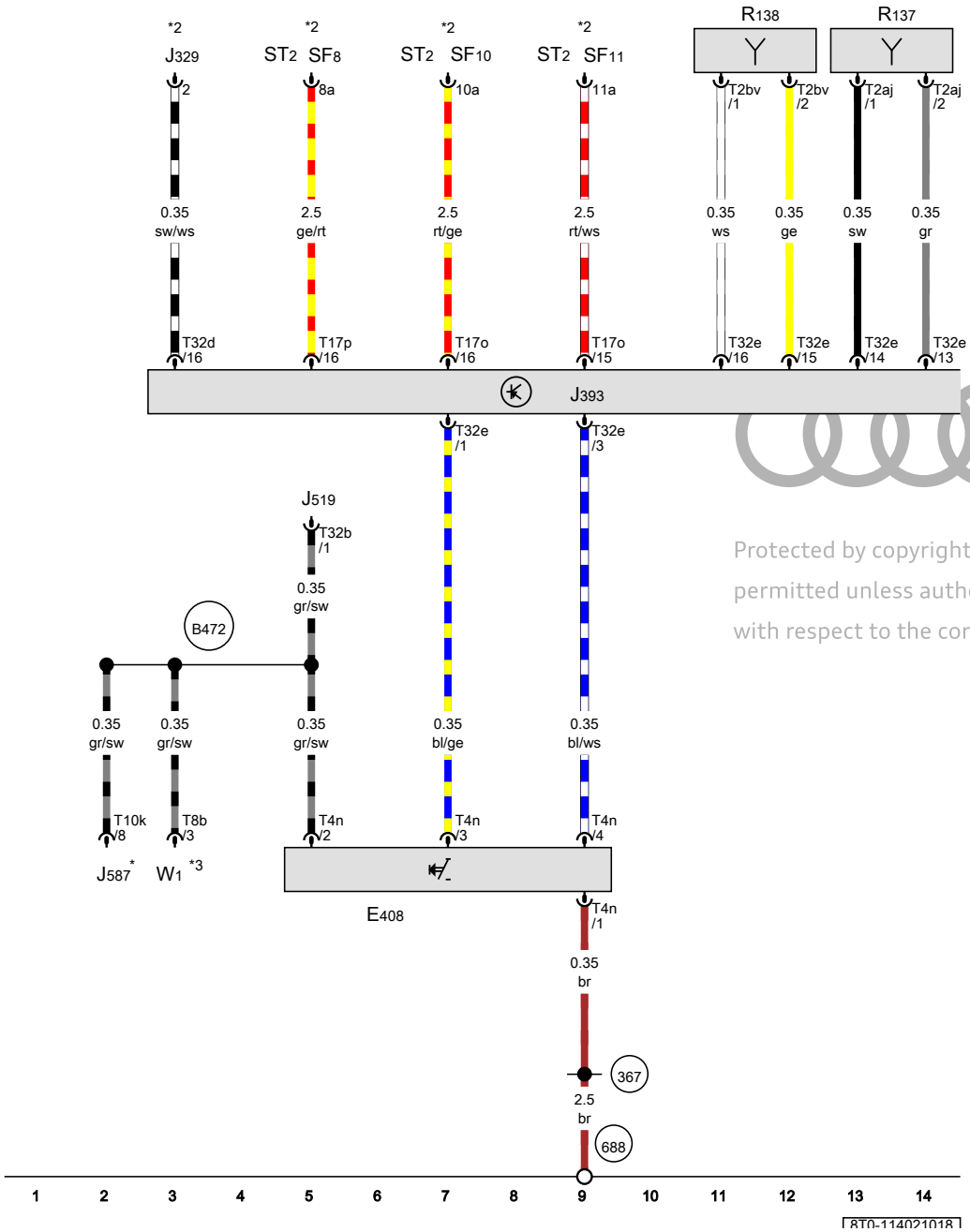
Relay for power sockets, Cigarette lighter, 12 V socket, DC/AC converter with socket, 12 V - 230 V, 12 V socket 2, 12 V socket 3

J807	Relay for power sockets
L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
R126	Telephone bracket
ST3	Fuse carrier 3
SF5	Fuse 5 in fuse holder F
T3g	3-pin connector
T3l	3-pin connector
T3n	3-pin connector
T3p	3-pin connector
U1	Cigarette lighter
U5	12 V socket, in front centre console
U13	DC/AC converter with socket, 12 V - 230 V
U18	12 V socket 2
U19	12 V socket 3
688	Earth point 2, on centre tunnel
B282	Positive connection 6 (15a) in main wiring harness
B473	Connection 9, in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	According to equipment
*3	Only models with 12 V socket in luggage compartment
*4	see applicable current flow diagram for telephone systems
*5	see applicable current flow diagram for seat heating

Convenience system

From August 2011

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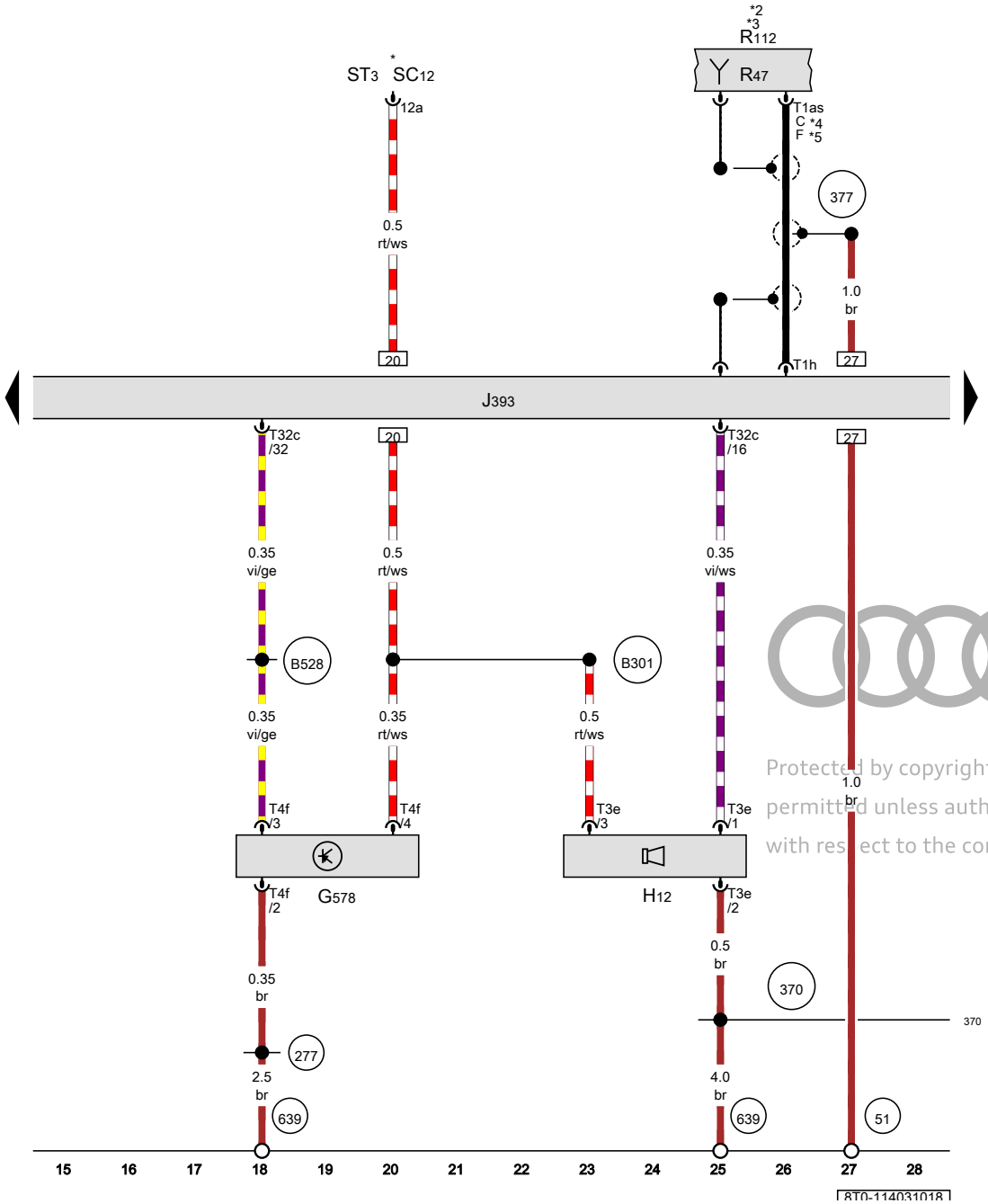


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Entry and start authorisation button, Convenience system central control unit, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system

E408	Entry and start authorisation button
J329	Terminal 15 voltage supply relay
J393	Convenience system central control unit
J519	Onboard supply control unit
J587	Selector lever sensors control unit
R137	Luggage compartment aerial for entry and start system
R138	Interior aerial 1 for entry and start system
ST2	Fuse carrier 2
SF8	Fuse 8 in fuse holder F
SF10	Fuse 10 in fuse holder F
SF11	Fuse 11 in fuse holder F
T2aj	2-pin connector
T2bv	2-pin connector
T4n	4-pin connector
T8b	8-pin connector
T10k	10-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32b	32-pin connector
T32d	32-pin connector
T32e	32-pin connector
W1	Front interior light
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B472	Connection 8, in main wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for basic equipment

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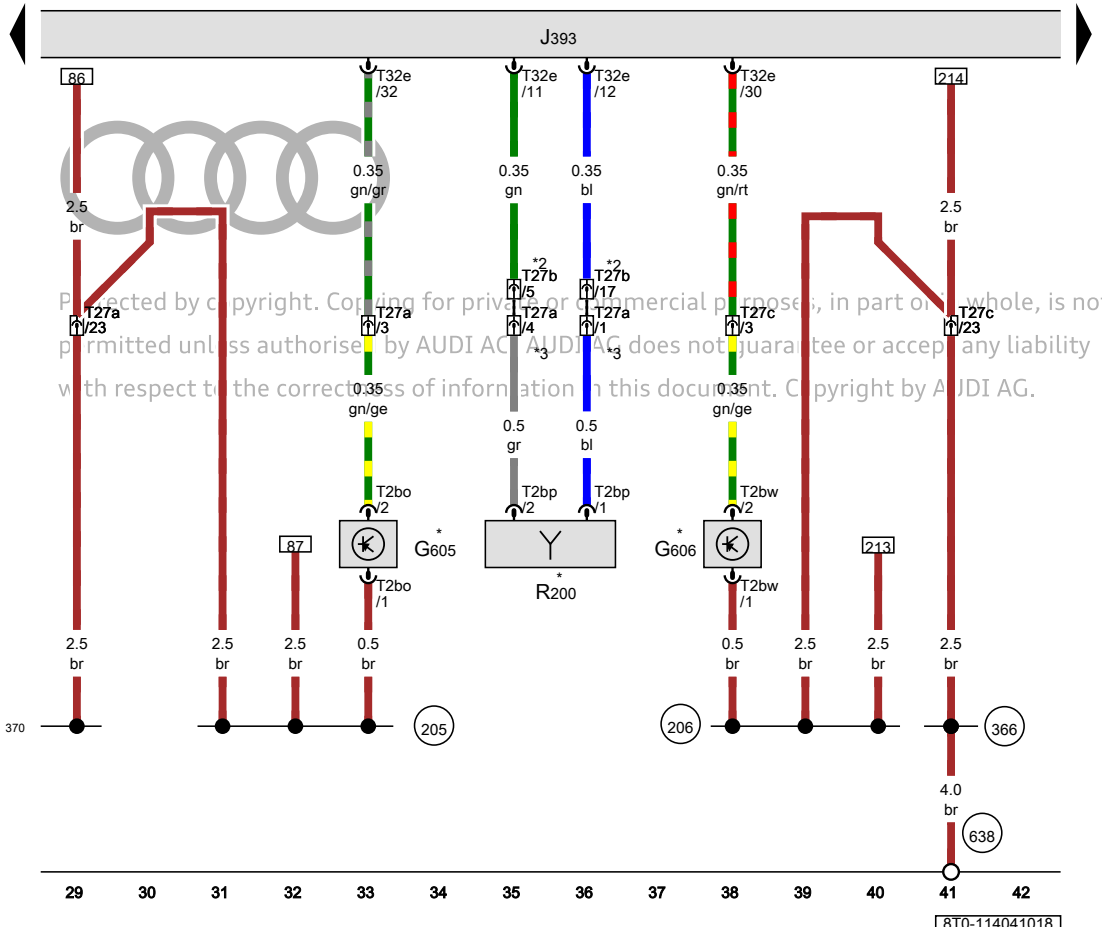
Anti-theft alarm sensor, Alarm horn, Convenience system central control unit, Aerial amplifier 3

G578	Anti-theft alarm sensor
H12	Alarm horn
J393	Convenience system central control unit
R47	Central locking and anti-theft alarm system aerial
R112	Aerial amplifier 3
ST3	Fuse carrier 3
SC12	Fuse 12 on fuse holder C
T1as	1-pin connector
T1h	1-pin connector
T3e	3-pin connector
T4f	4-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
277	Earth connection 3, in interior wiring harness
370	Earth connection 5, in main wiring harness
377	Earth connection 12, in main wiring harness
639	Earth point, left A-pillar
B301	Positive connection 5 (30), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	For models with 2 doors
*4	According to equipment
*5	see applicable current flow diagram for MMI (information electronics)

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Contact sensor for front left exterior door handle, Contact sensor for front right exterior door handle, Convenience system central control unit, Left aerial for entry and start authorisation

G605	Contact sensor for front left exterior door handle
G606	Contact sensor for front right exterior door handle
J393	Convenience system central control unit
R200	Left aerial for entry and start authorisation
T2bo	2-pin connector
T2bp	2-pin connector
T2bw	2-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27b	27-pin connector, lower part of B-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32e	32-pin connector
205	Earth connection, in driver door wiring harness
206	Earth connection, in front passenger door wiring harness
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
*	According to equipment
*2	For models with 5 doors
*3	For models with 2 doors

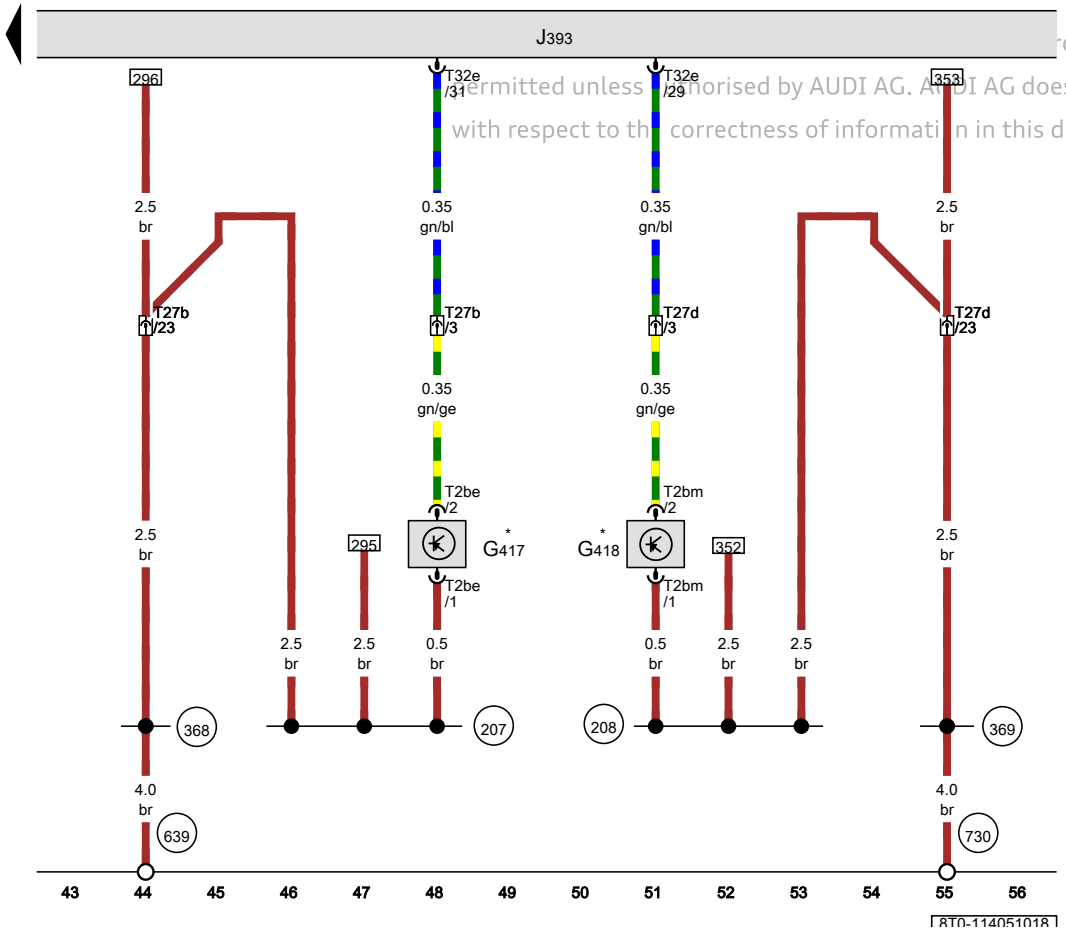


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Contact sensor for rear left exterior door handle, Contact sensor for rear right exterior door handle, Convenience system central control unit

G417	Contact sensor for rear left exterior door handle
G418	Contact sensor for rear right exterior door handle
J393	Convenience system central control unit
T2be	2-pin connector
T2bm	2-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
T32e	32-pin connector
207	Earth connection, in rear left door wiring harness
208	Earth connection, in rear right door wiring harness
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
730	Earth point 1, on right rear wheel housing
*	For models with 5 doors



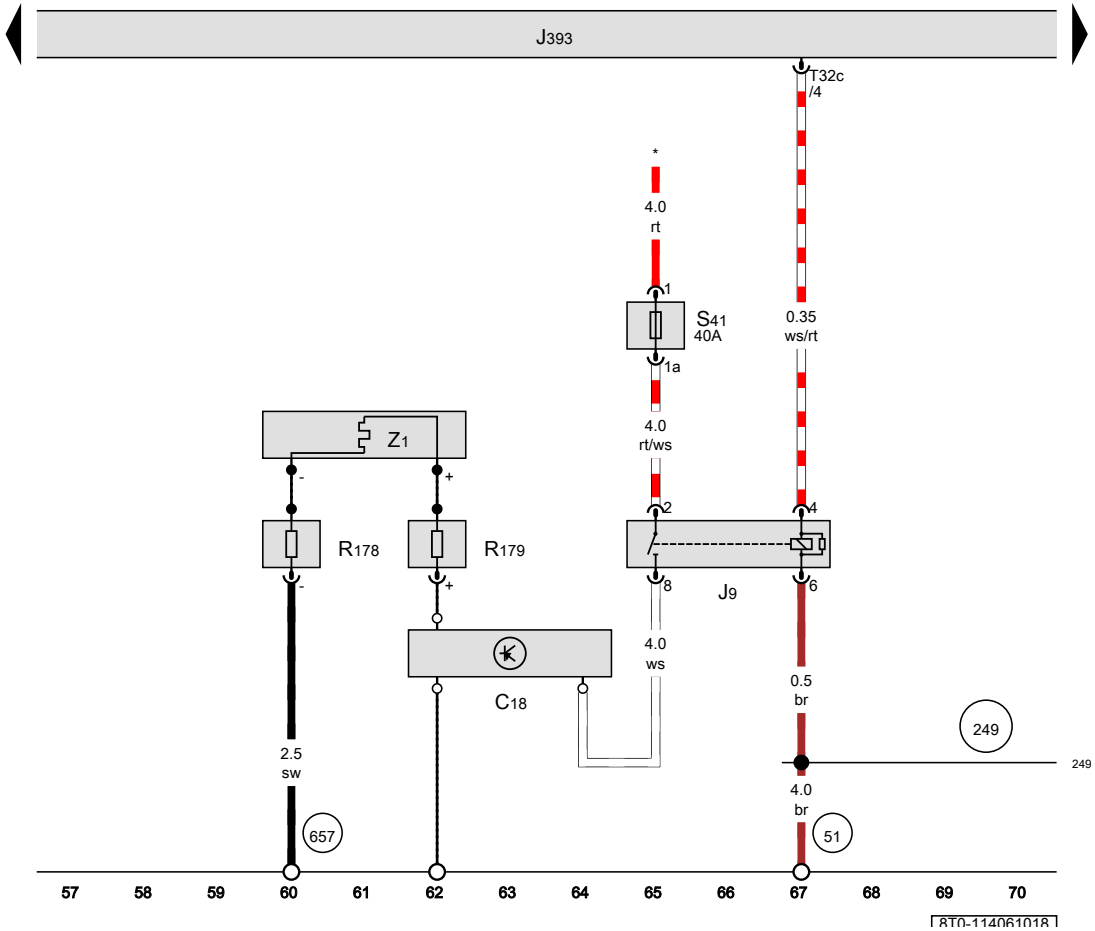
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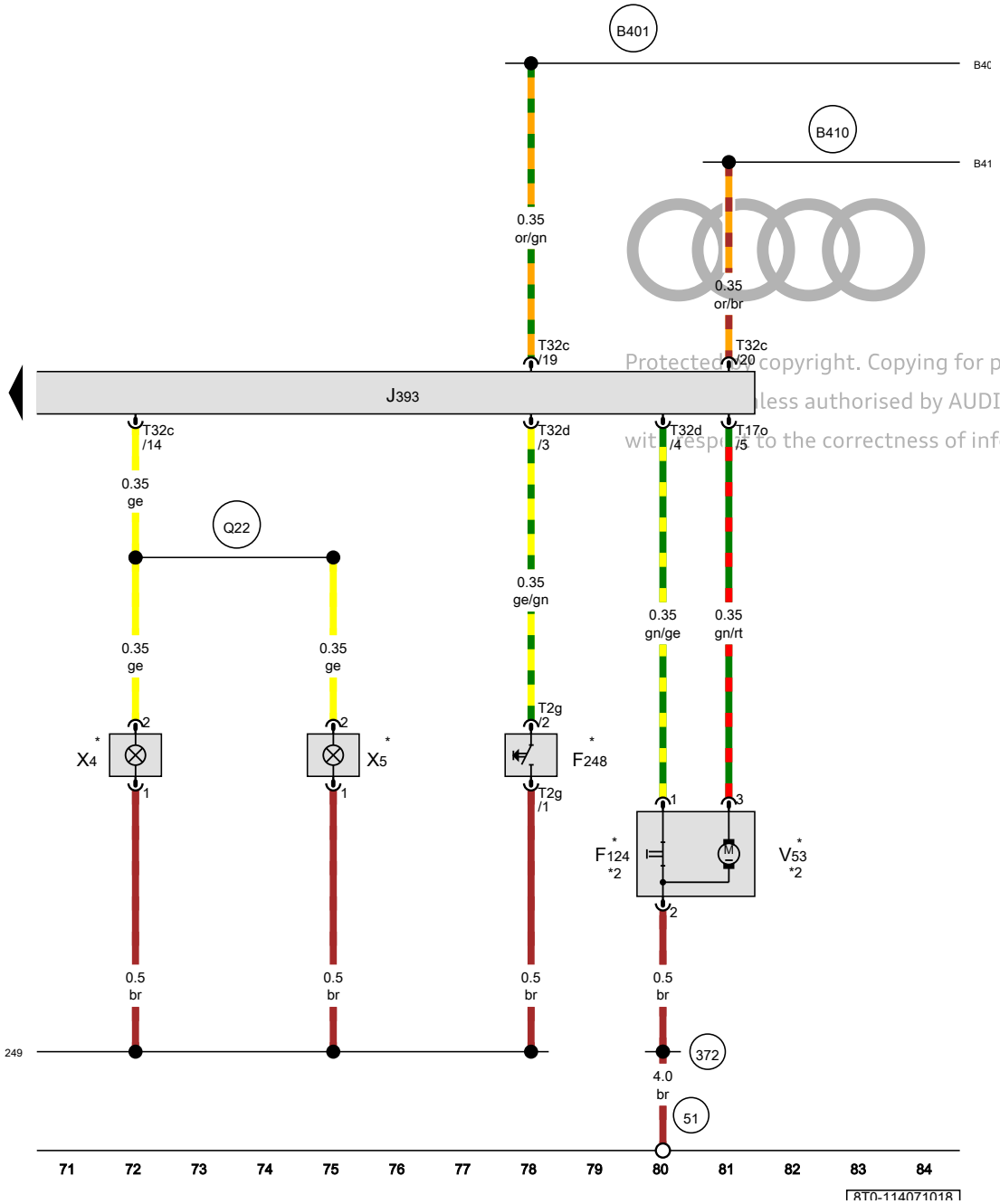
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Window aerial suppression filter, Heated rear window relay, Convenience system central control unit, Heated rear window single fuse, Heated rear window

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
T32c	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left 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
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

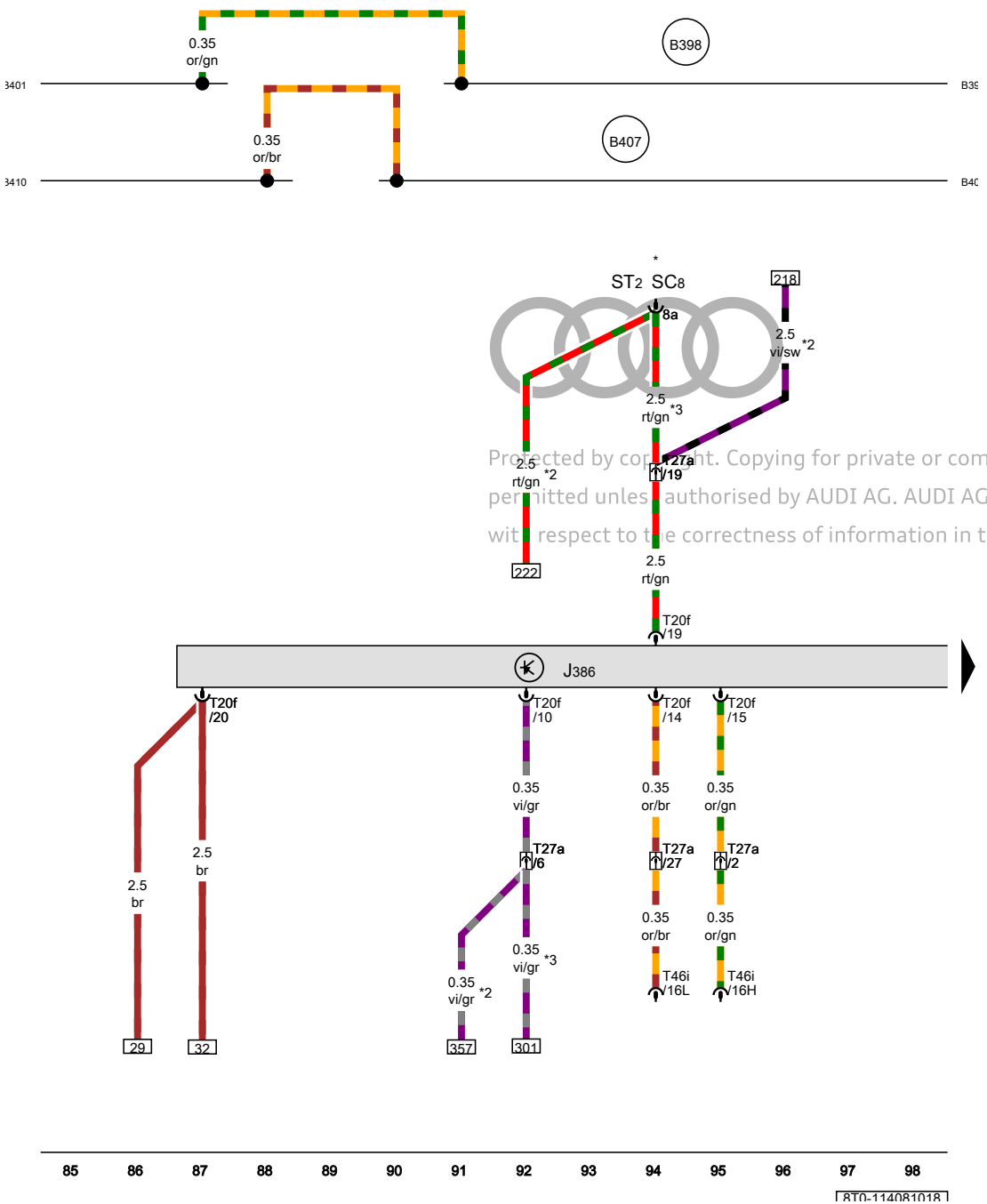


Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Release button for rear lid lock cylinder, Convenience system central control unit, Rear lid central locking motor, Left number plate light, Right number plate light

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
T2g	2-pin connector
T17o	17-pin connector
T32c	32-pin connector
T32d	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
249	Earth connection 2, in interior wiring harness
372	Earth connection 7, in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
Q22	Connection 1, in rear lid wiring harness
*	For models with 2 doors
*2	see applicable current flow diagram

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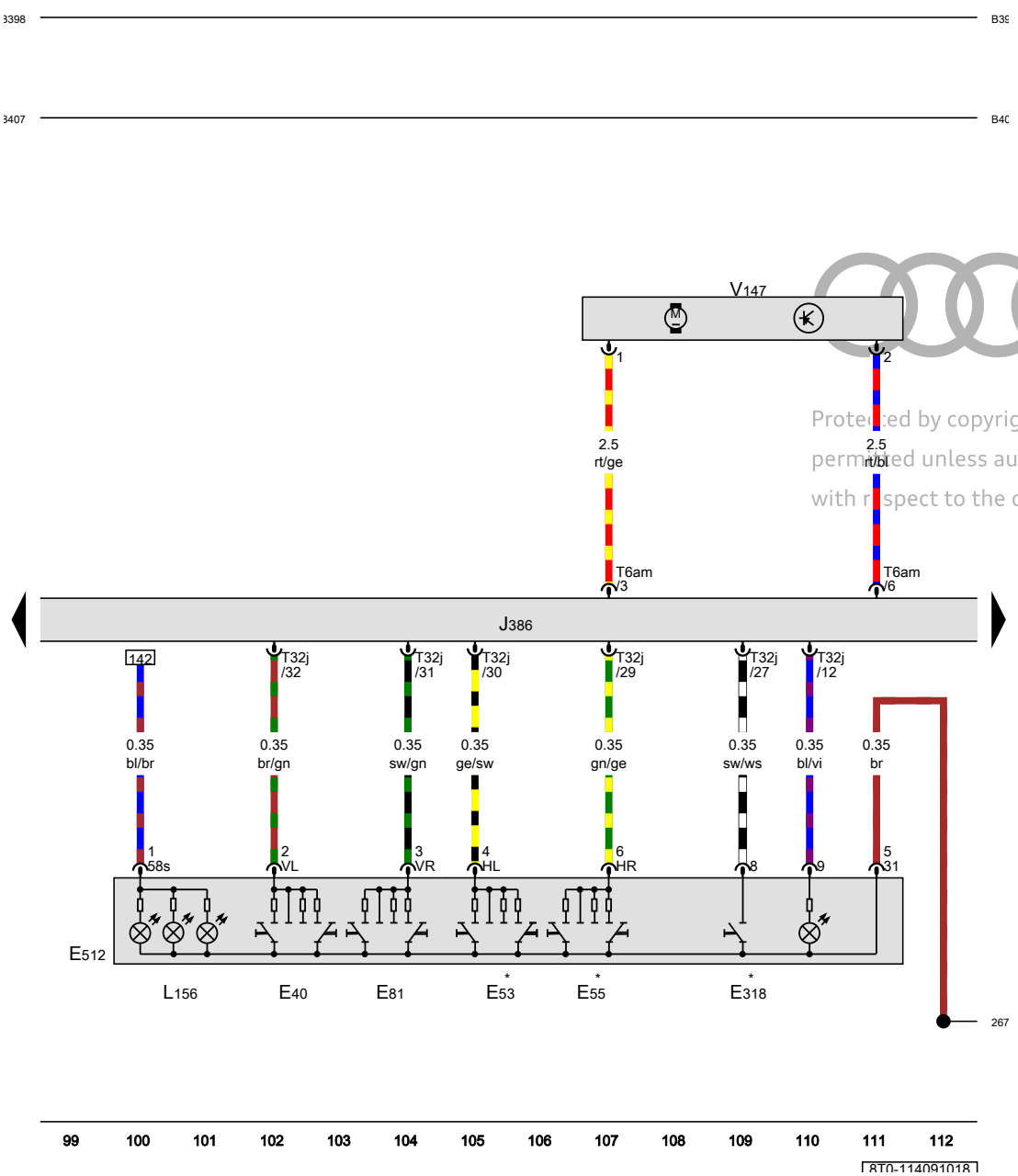


Driver door control unit

J386	Driver door control unit
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T46i	46-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models
*3	For left-hand drive models

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rt = red
br = brown
gn = green
bl = blue
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or = orange
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Operating unit for window regulator in driver door, Driver door control unit, Driver side window regulator motor

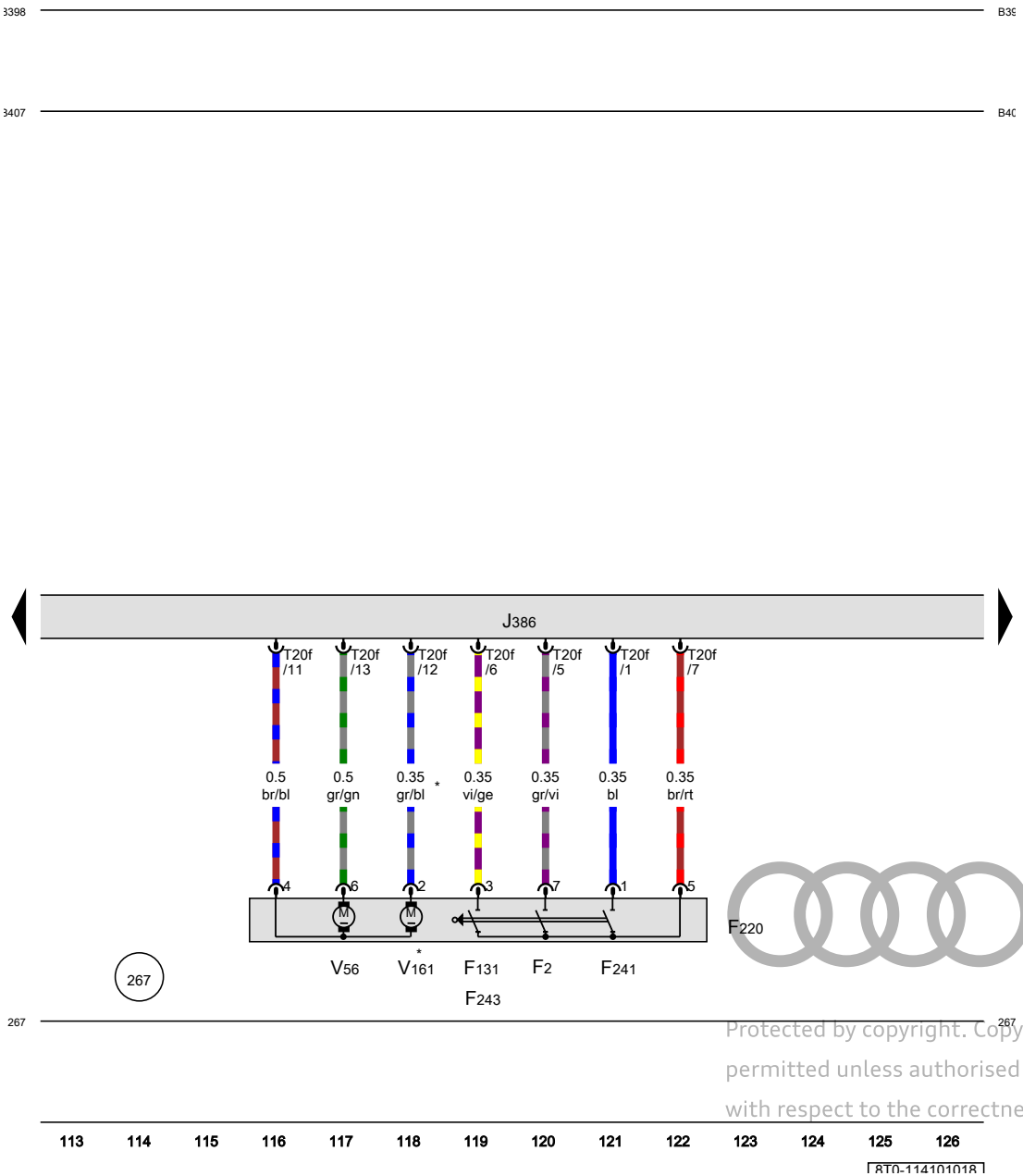
E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
L156	Switch illumination bulb
T6am	6-pin connector
T32j	32-pin connector
V147	Driver side window regulator motor
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness

* For models with 5 doors

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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
F243	Driver door central locking actuator for SAFELOCK function
J386	Driver door control unit
T20f	20-pin connector
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with SAFELOCK function

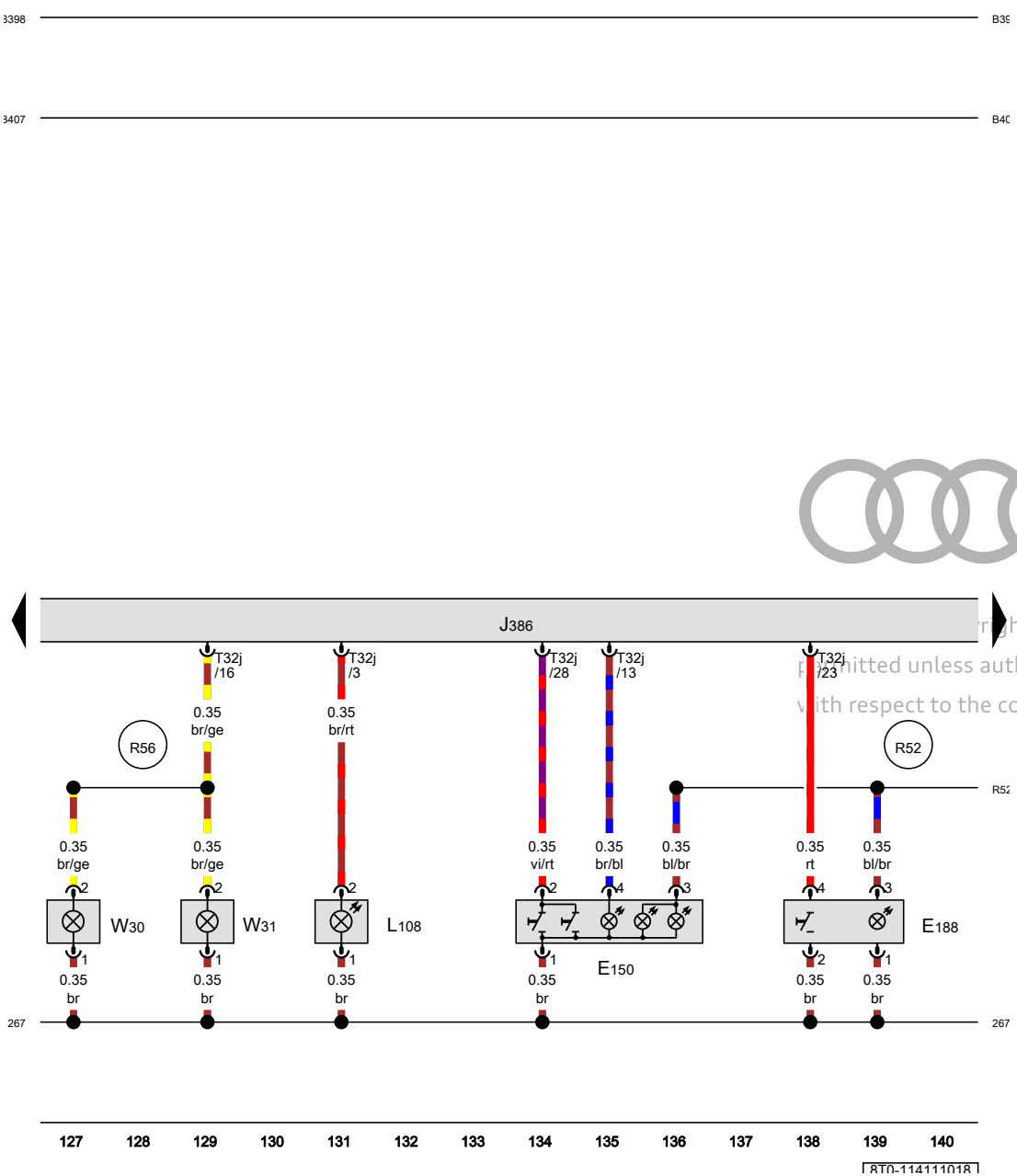


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or	=	orange
rs	=	pink

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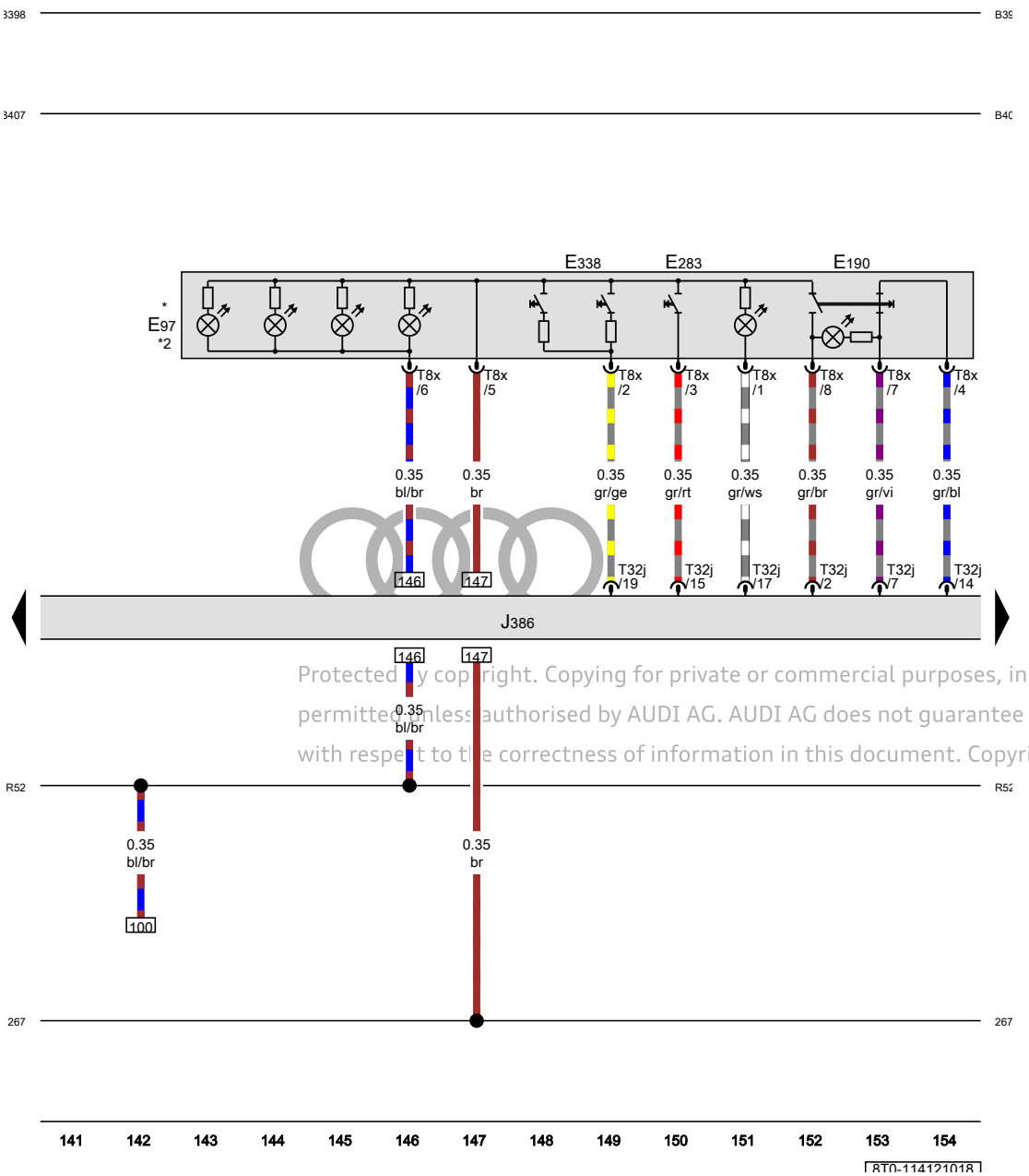
Driver side interior locking switch, Rear lid remote release switch, Driver door control unit, Driver door opener illumination bulb, Driver side door warning lamp, Front left entry light

E150	Driver side interior locking switch
E188	Rear lid remote release switch
J386	Driver door control unit
L108	Driver door opener illumination bulb
T32j	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
R56	Connection (entry light), in driver door 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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or	=	orange
rs	=	pink

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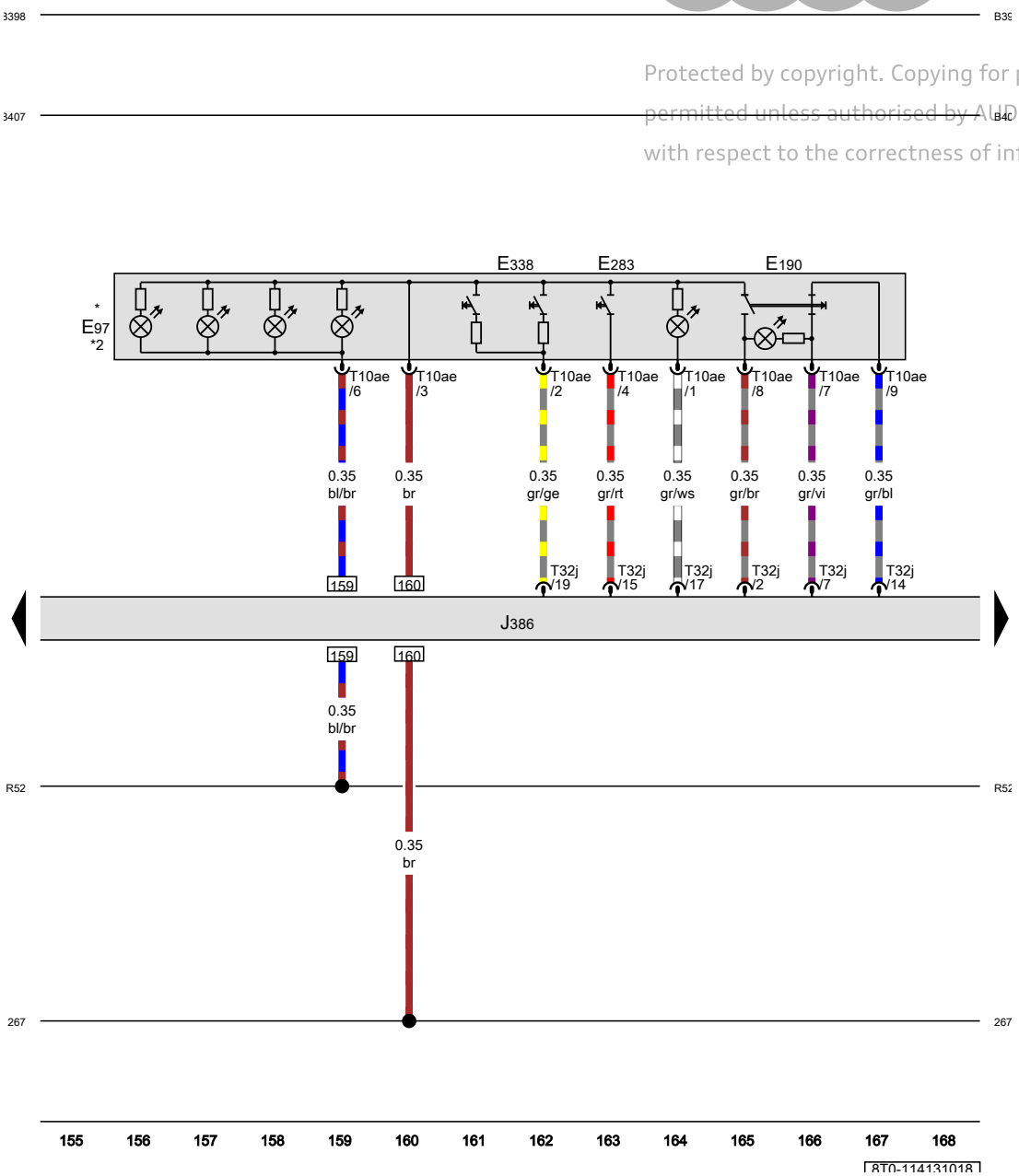
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Driver seat memory operating unit, Driver door control unit

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
T8x	8-pin connector
T32j	32-pin connector
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Driver seat with memory function
*2	For models with 2 doors

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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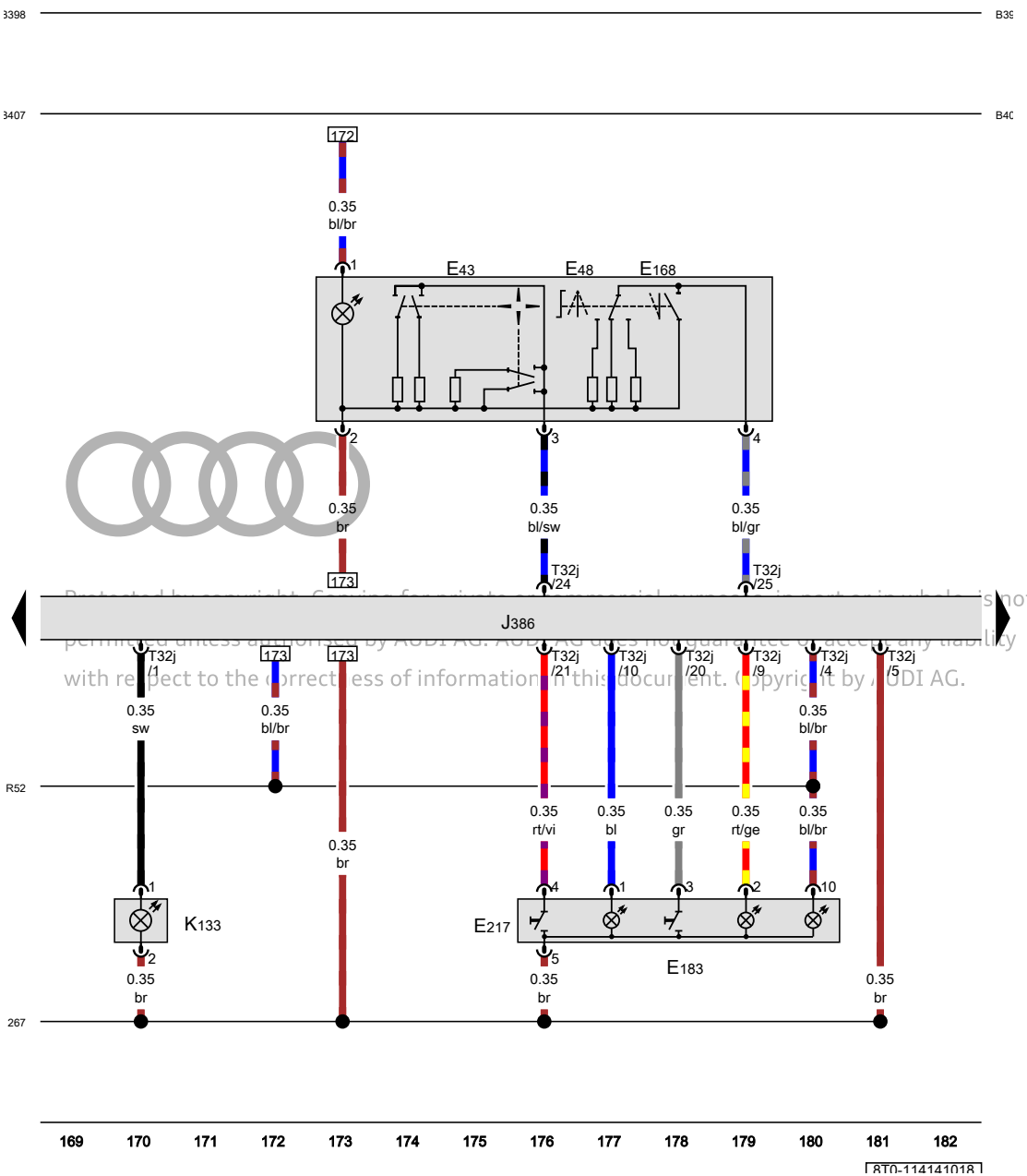
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Driver seat memory operating unit, Driver door control unit

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
T10ae	10-pin connector
T32j	32-pin connector
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Driver seat with memory function
*2	For models with 5 doors

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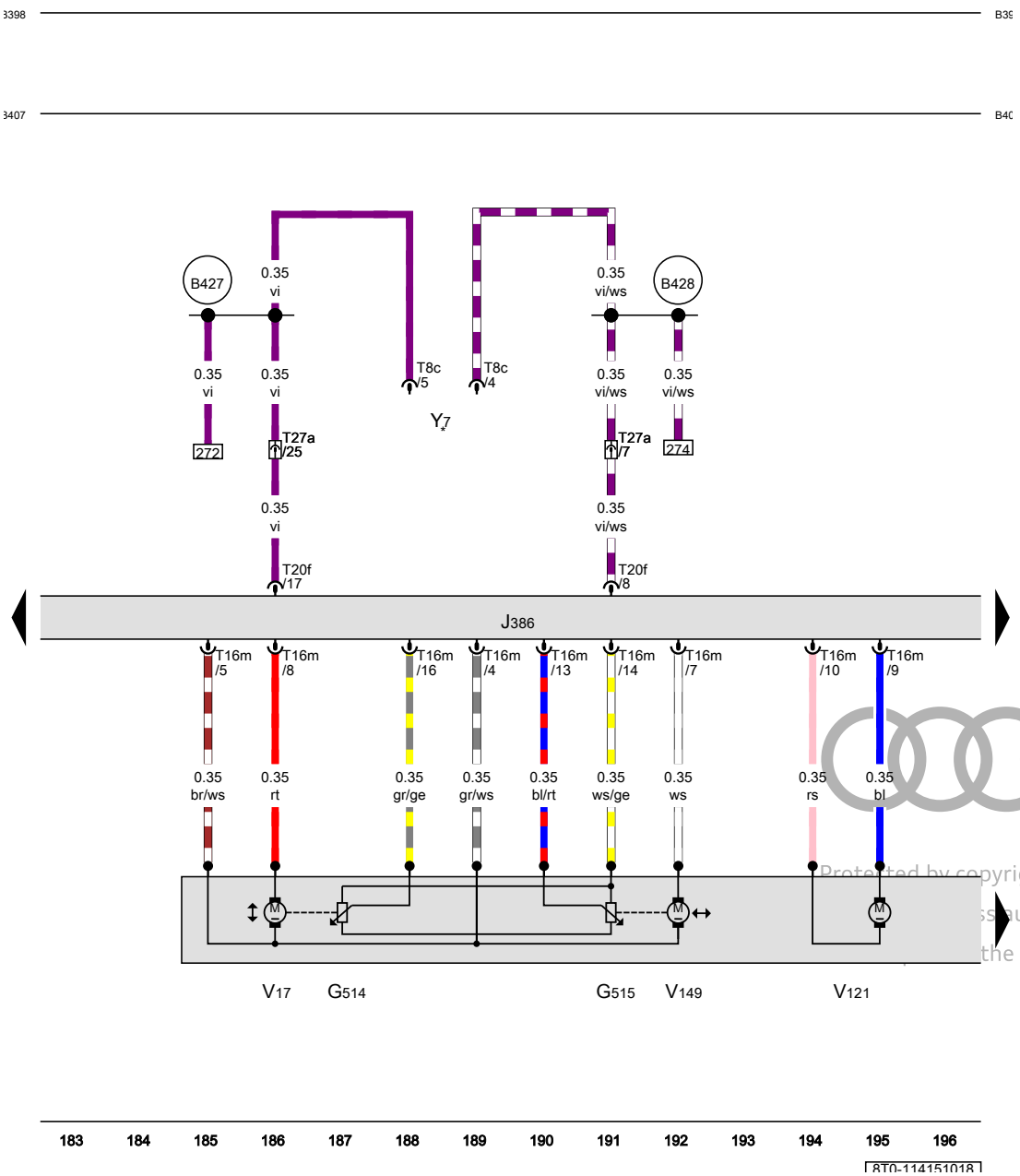


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Alarm system off switch, Driver door control unit, Central locking SAFELOCK function warning lamp

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E217	Alarm system off switch
J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
T32j	32-pin connector
267	Earth connection 2, in drive side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness

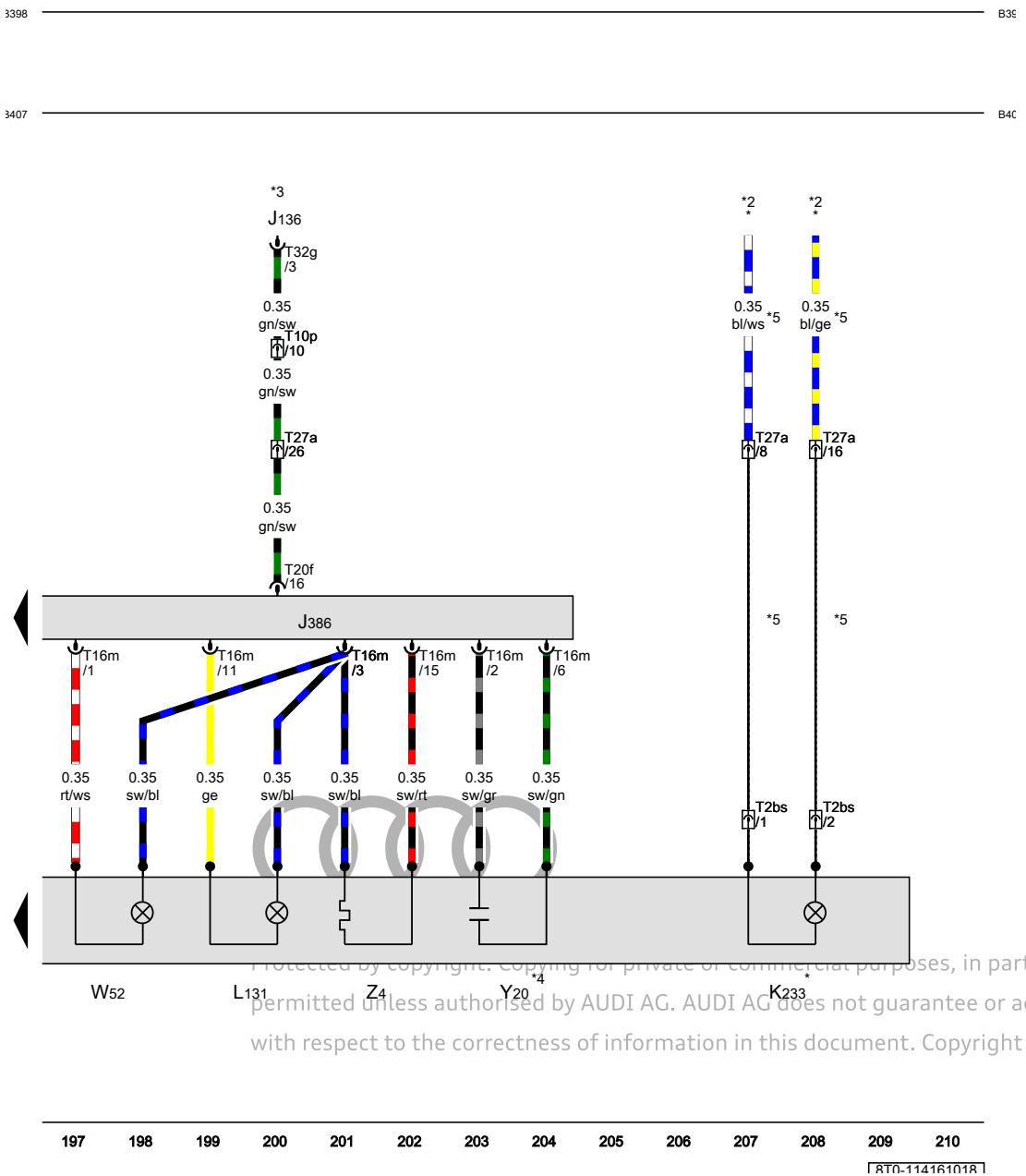


Potentiometer for horizontal adjustment of driver side mirror, Potentiometer for vertical adjustment of driver side mirror, Driver door control unit, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
T8c	8-pin connector
T16m	16-pin connector
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
V17	Driver side mirror adjustment motor 2
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	For models with automatic anti-dazzle interior mirror

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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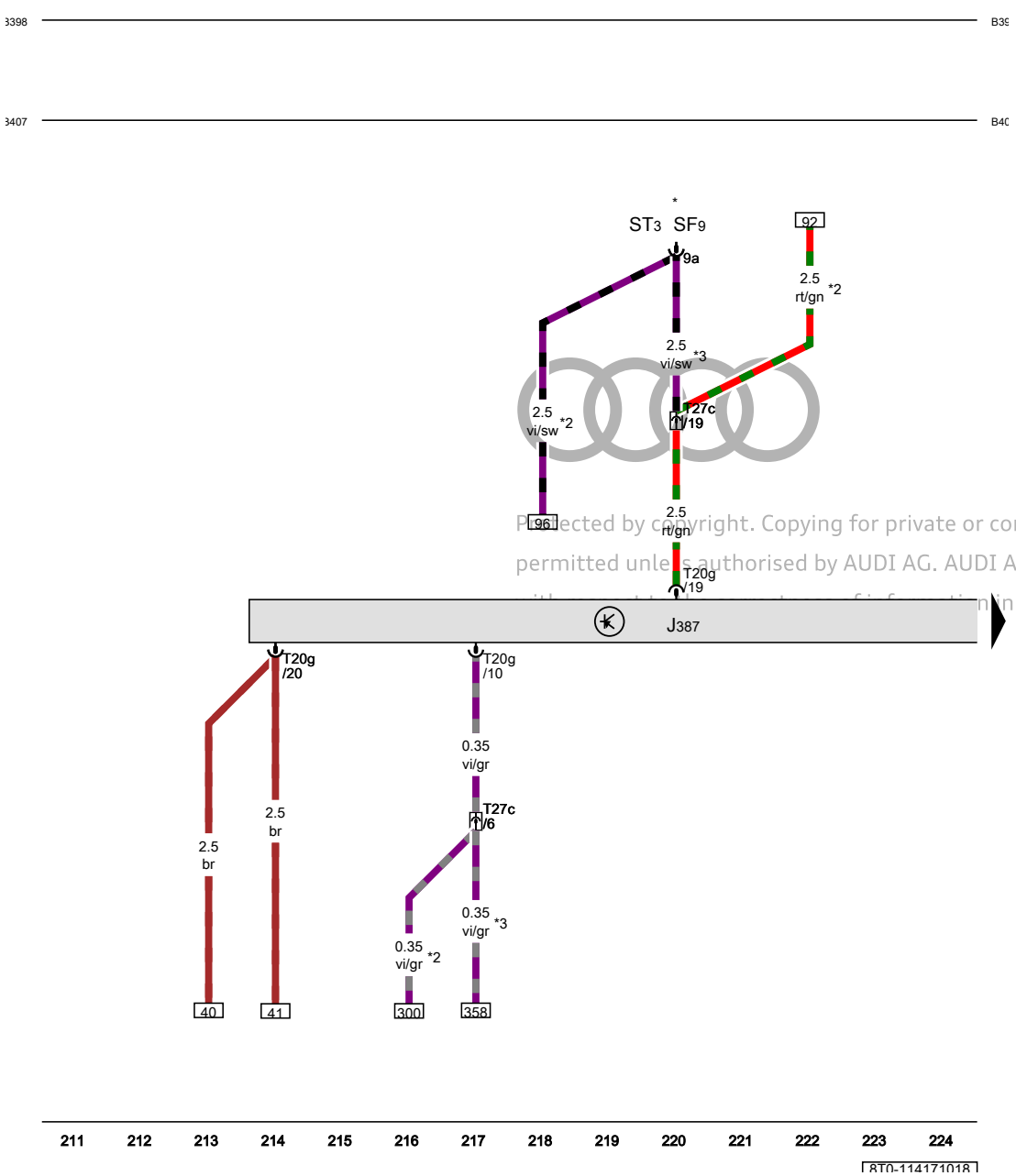


Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Entry light in exterior mirror, driver side, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

J136	Seat and steering column adjustment control unit with memory
J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T2bs	2-pin connector, black
T10p	10-pin connector, red
T16m	16-pin connector
T20f	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T32g	32-pin connector
W52	Entry light in exterior mirror, driver side
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with lane change assist
*2	see applicable current flow diagram
*3	For models with electric seat adjustment and memory function
*4	For models with automatic anti-dazzle exterior mirror
*5	Wiring colour depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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li	=	purple
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ge	=	yellow
or	=	orange
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Front passenger door control unit

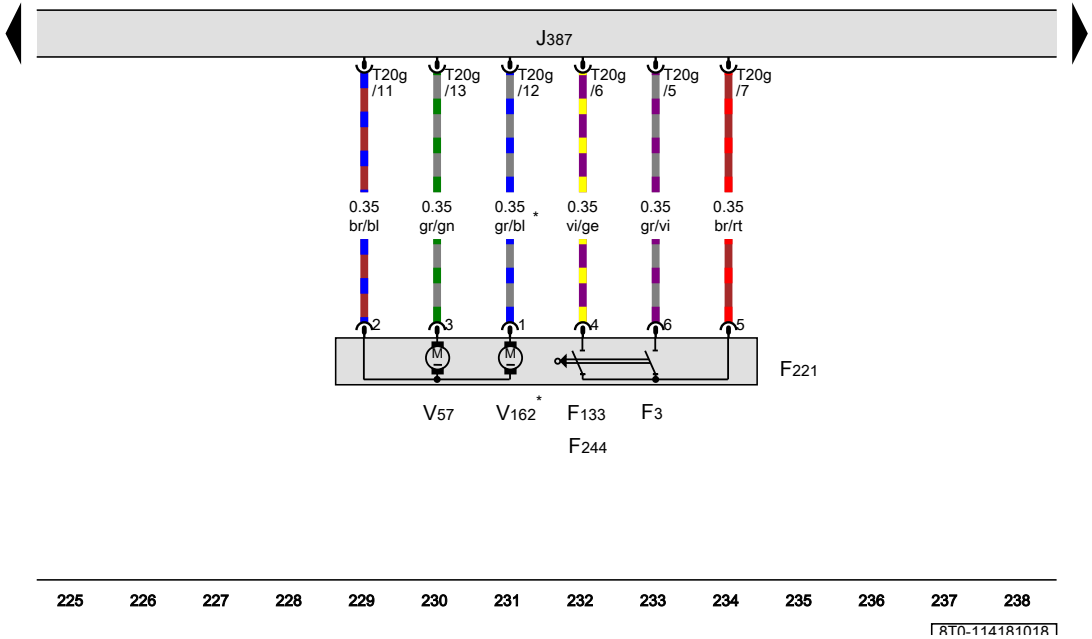
J387	Front passenger door control unit
ST3	Fuse carrier 3
SF9	Fuse 9 in fuse holder F
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	For right-hand drive models
*3	For left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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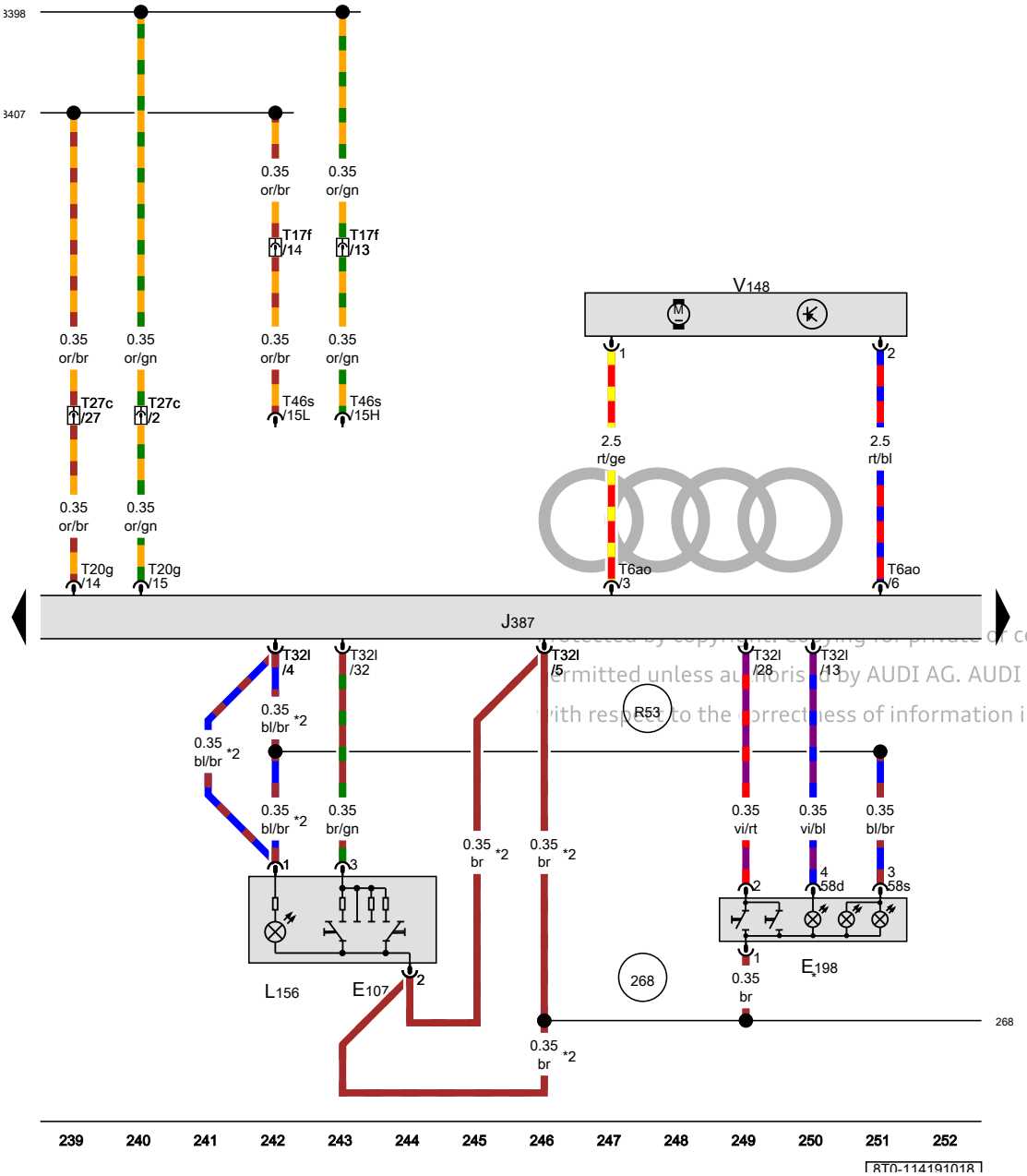
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Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
F244	Front passenger door central locking actuator for SAFELOCK function
J387	Front passenger door control unit
T20g	20-pin connector
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with SAFELOCK function



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

E107	Window regulator switch in front passenger door
E198	Front passenger side interior locking switch
J387	Front passenger door control unit
L156	Switch illumination bulb
T6ao	6-pin connector
T17f	17-pin connector, brown
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
T32l	32-pin connector
T46s	46-pin connector
V148	Front passenger side window regulator motor
268	Earth connection 2, in front passenger side door wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
R53	Connection (58s), in driver side door wiring harness
*	For models with front passenger side interior locking switch
*2	According to equipment

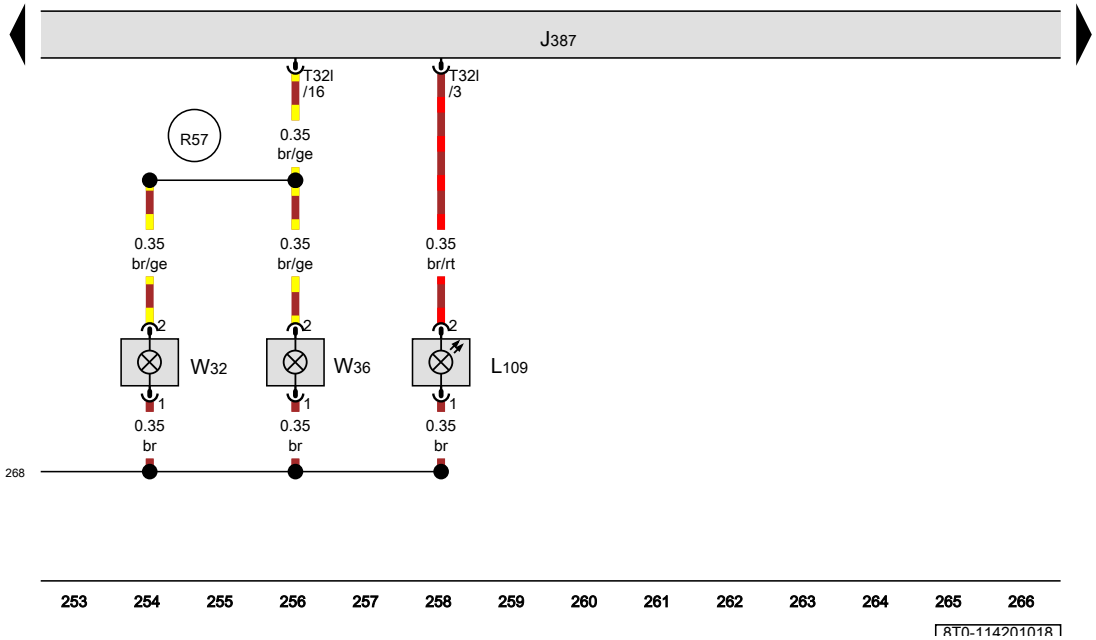
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Front passenger door control unit, Front passenger door opener illumination bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
T32l	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
268	Earth connection 2, in front passenger side door wiring harness
R57	Connection (entry light), in front passenger door wiring harness

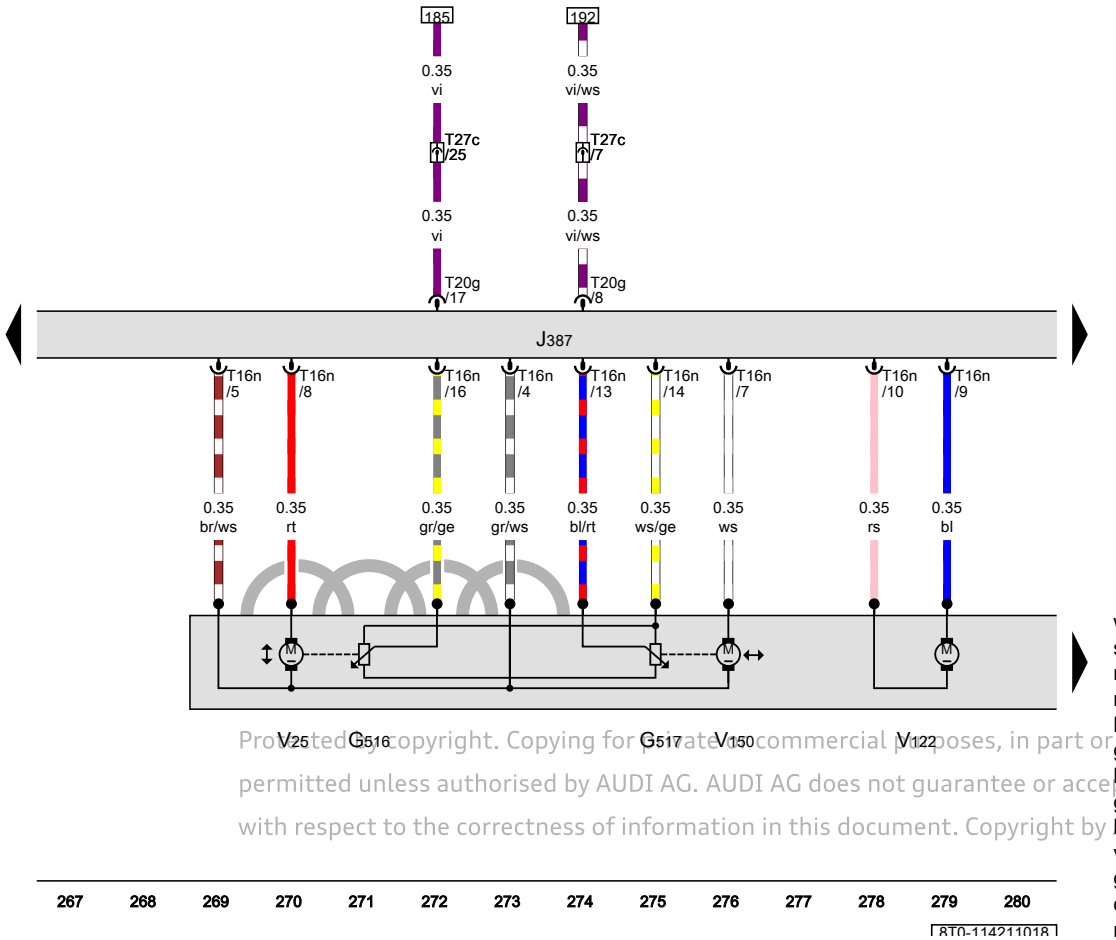
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Potentiometer for horizontal adjustment of front passenger side mirror, Potentiometer for vertical adjustment of front passenger side mirror, Front passenger door control unit, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

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
T16n	16-pin connector
T20g	20-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor

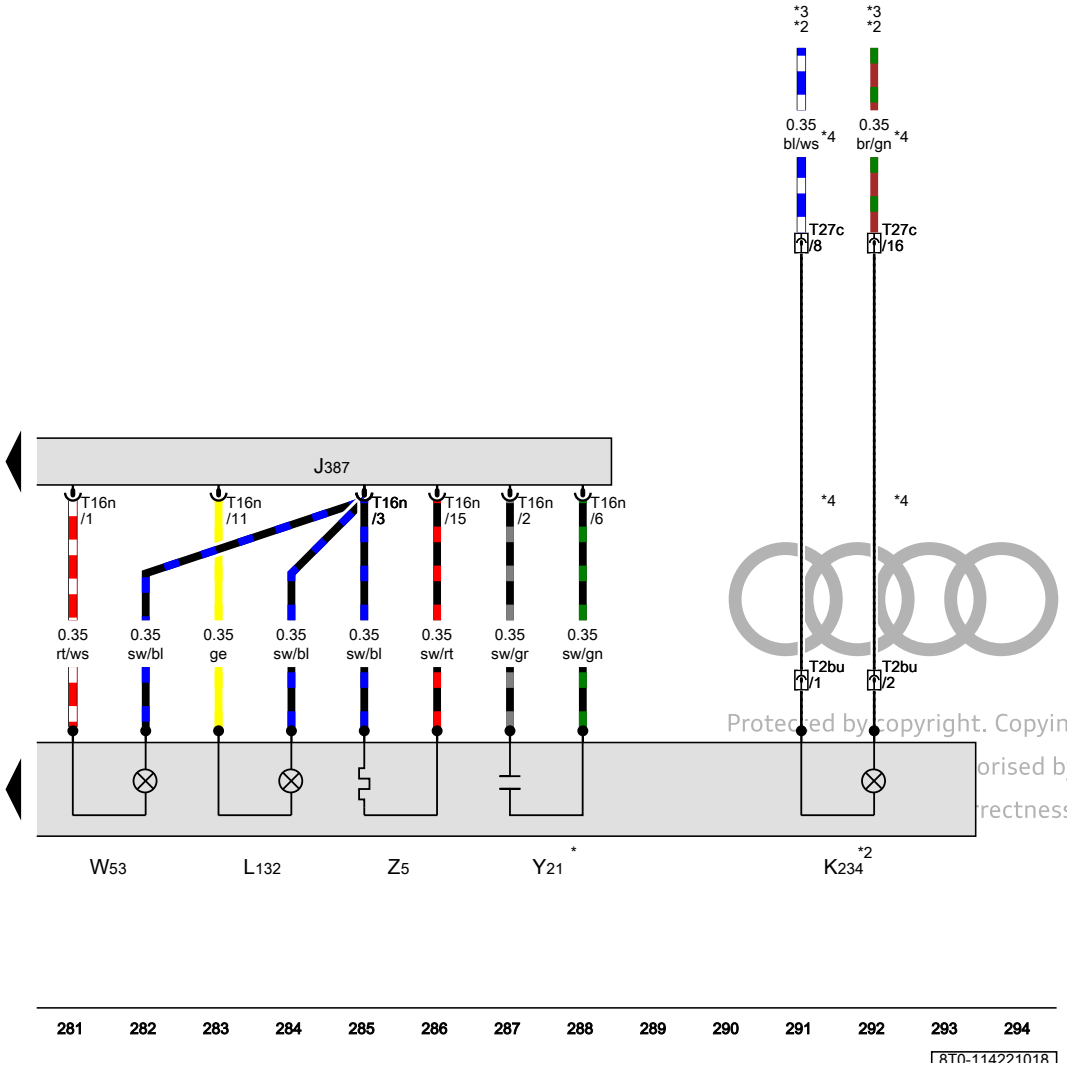


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gn	=	green
bl	=	blue
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or	=	orange
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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Front passenger side turn signal repeater bulb, Entry light in exterior mirror, passenger side, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

J387	Front passenger door control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
L132	Front passenger side turn signal repeater bulb
T2bu	2-pin connector, black
T16n	16-pin connector
T27c	27-pin connector, lower part of A-pillar, front passenger side
W53	Entry light in exterior mirror, passenger side
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
*	For models with automatic anti-dazzle exterior mirror
*2	For models with lane change assist
*3	see applicable current flow diagram
*4	Wiring colour depends on equipment

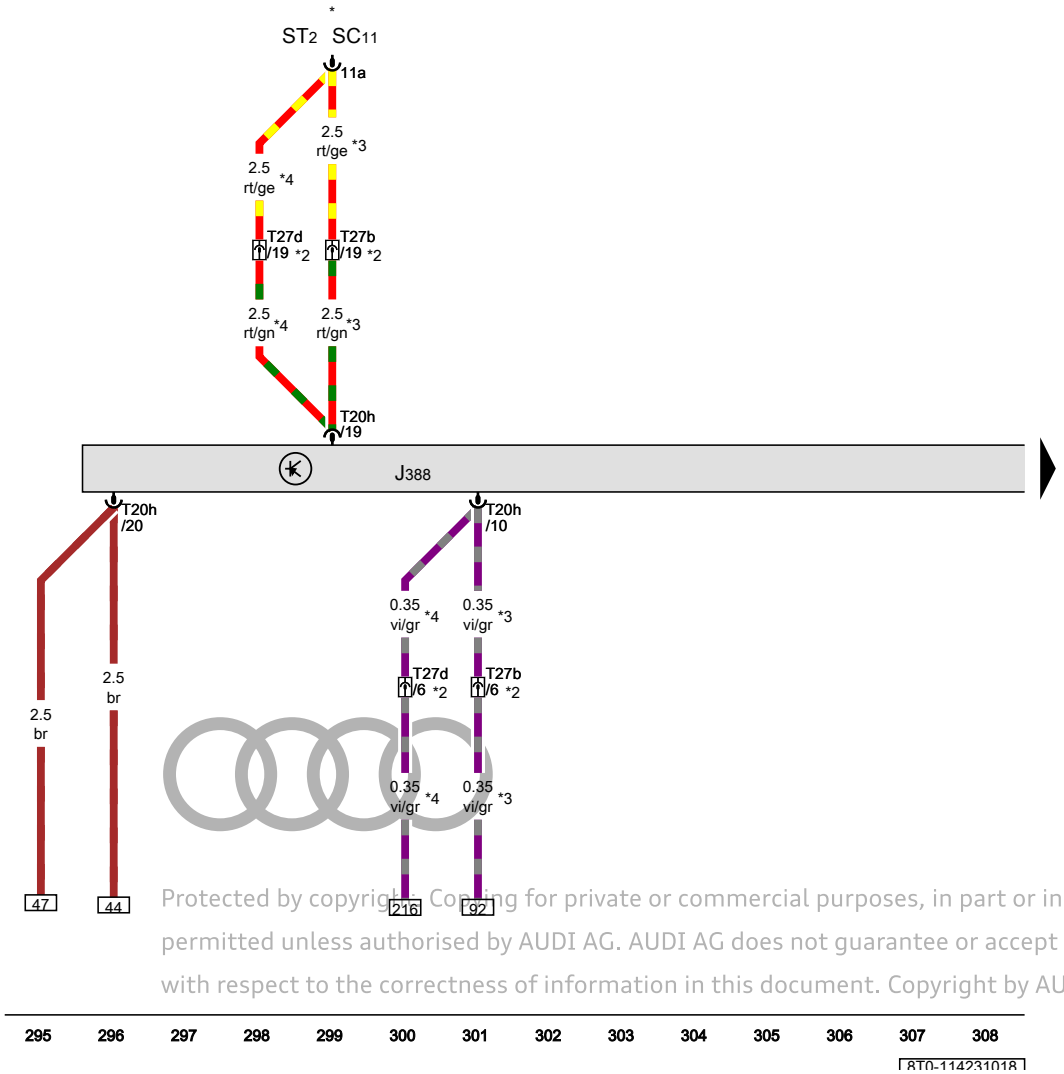


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
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Rear left door control unit

J388	Rear left door control unit
ST2	Fuse carrier 2
SC11	Fuse 11 on fuse holder C
T20h	20-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
*	see applicable current flow diagram for fuse assignment
*2	For models with 5 doors
*3	For left-hand drive models
*4	For right-hand drive models

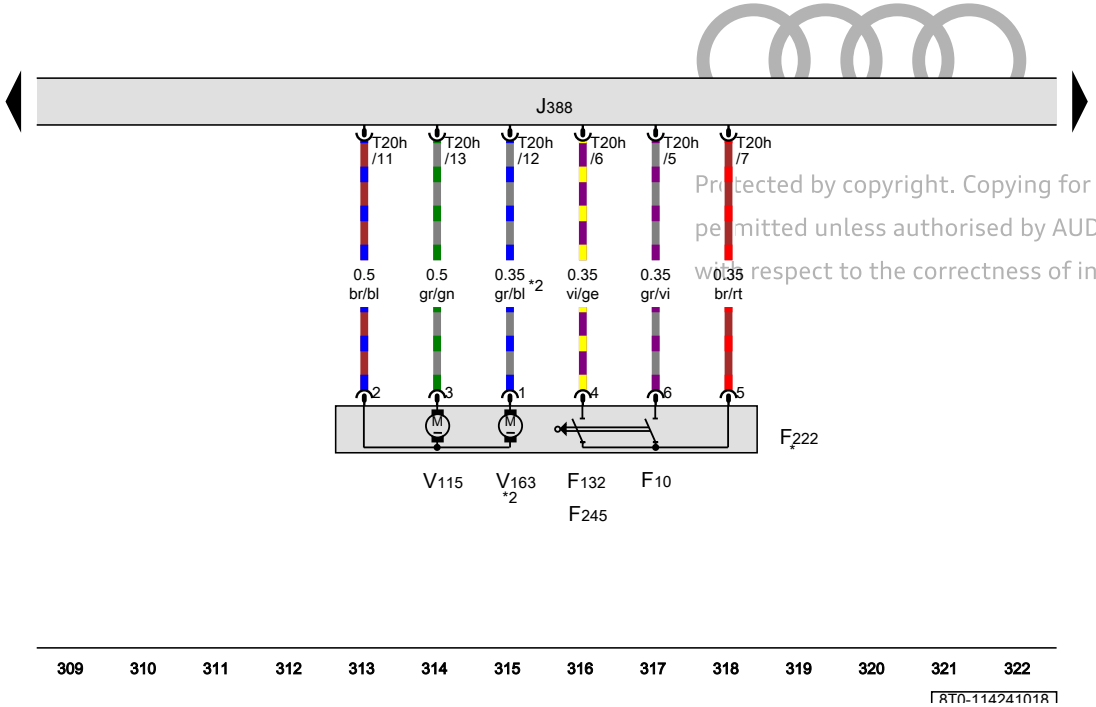


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Rear left central locking lock unit, Rear left door control unit

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F245	Rear left door central locking actuator for SAFELOCK function
J388	Rear left door control unit
T20h	20-pin connector
V115	Rear left door central locking motor
V163	Rear left door central locking SAFELOCK function motor
*	For models with 5 doors
*2	For models with SAFELOCK function

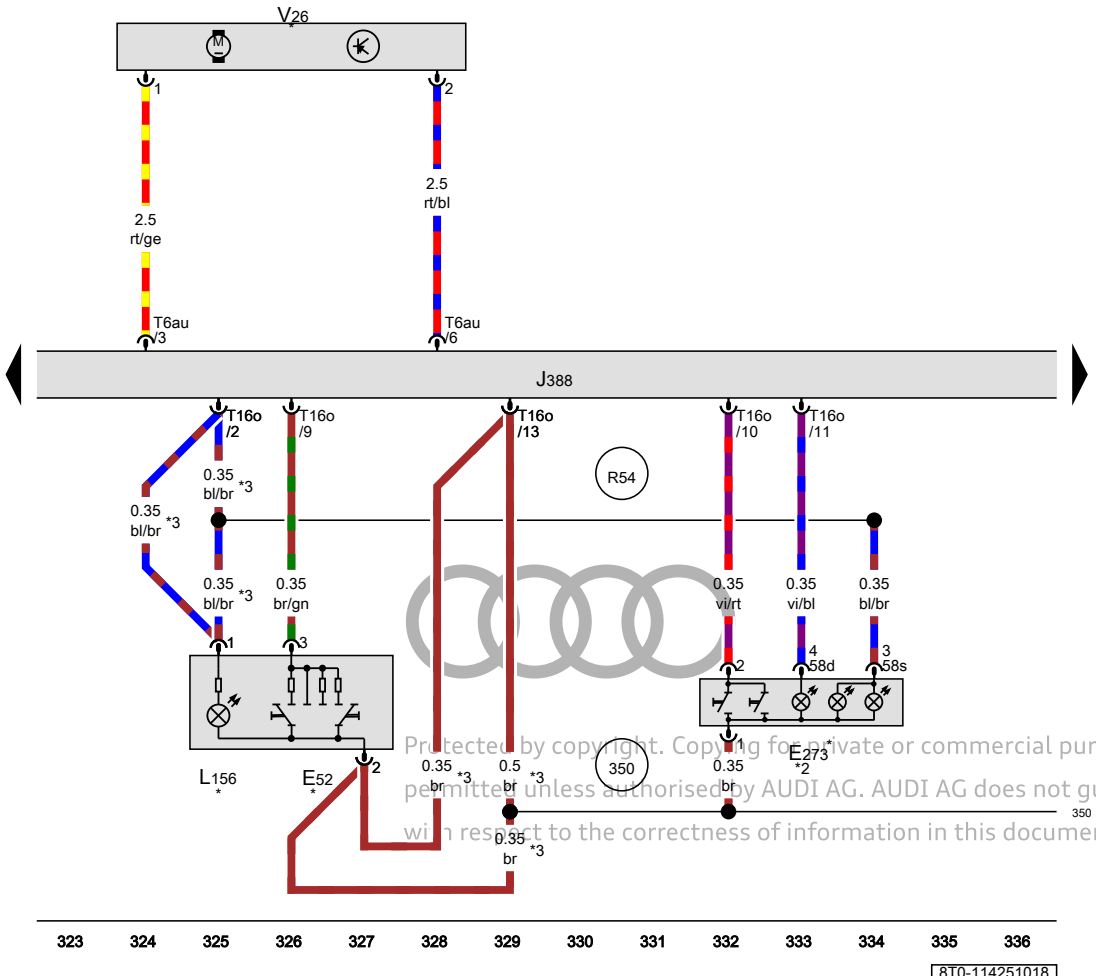


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Rear left window regulator switch, in door, Rear left interior locking switch, Rear left door control unit, Rear left window regulator motor

E52	Rear left window regulator switch, in door
E273	Rear left interior locking switch
J388	Rear left door control unit
L156	Switch illumination bulb
T6au	6-pin connector
T16o	16-pin connector
V26	Rear left window regulator motor
350	Earth connection 2, in rear left door wiring harness
R54	Connection (58s), in rear left door wiring harness
*	For models with 5 doors
*2	For models with interior locking switch
*3	According to equipment

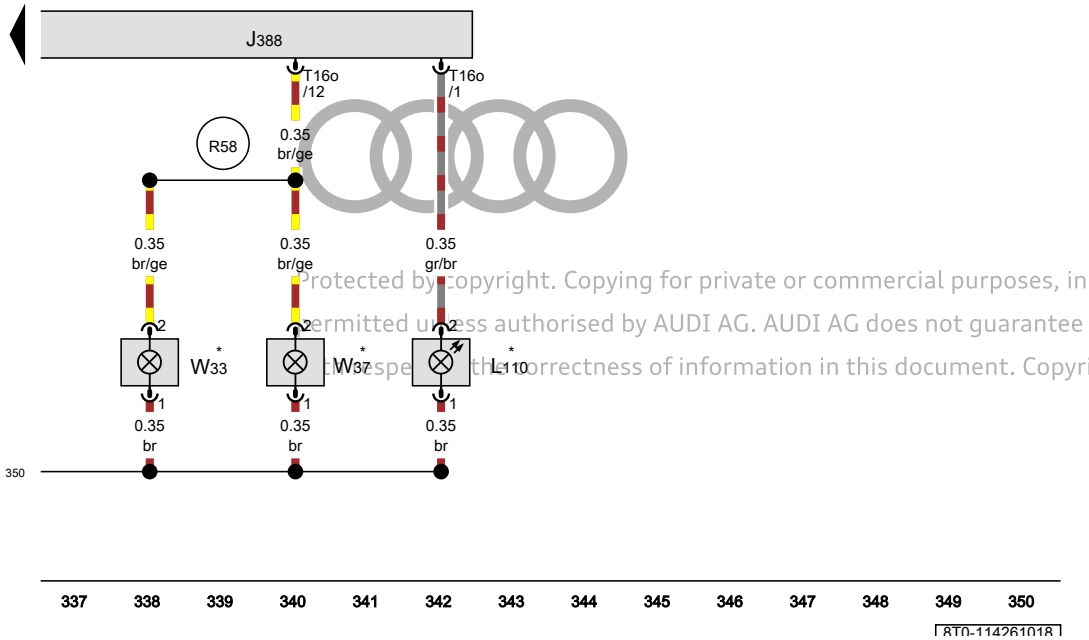


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Rear left door control unit, Rear left door opener illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
T16o	16-pin connector
W33	Rear left entry light
W37	Rear left door warning lamp
350	Earth connection 2, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	For models with 5 doors

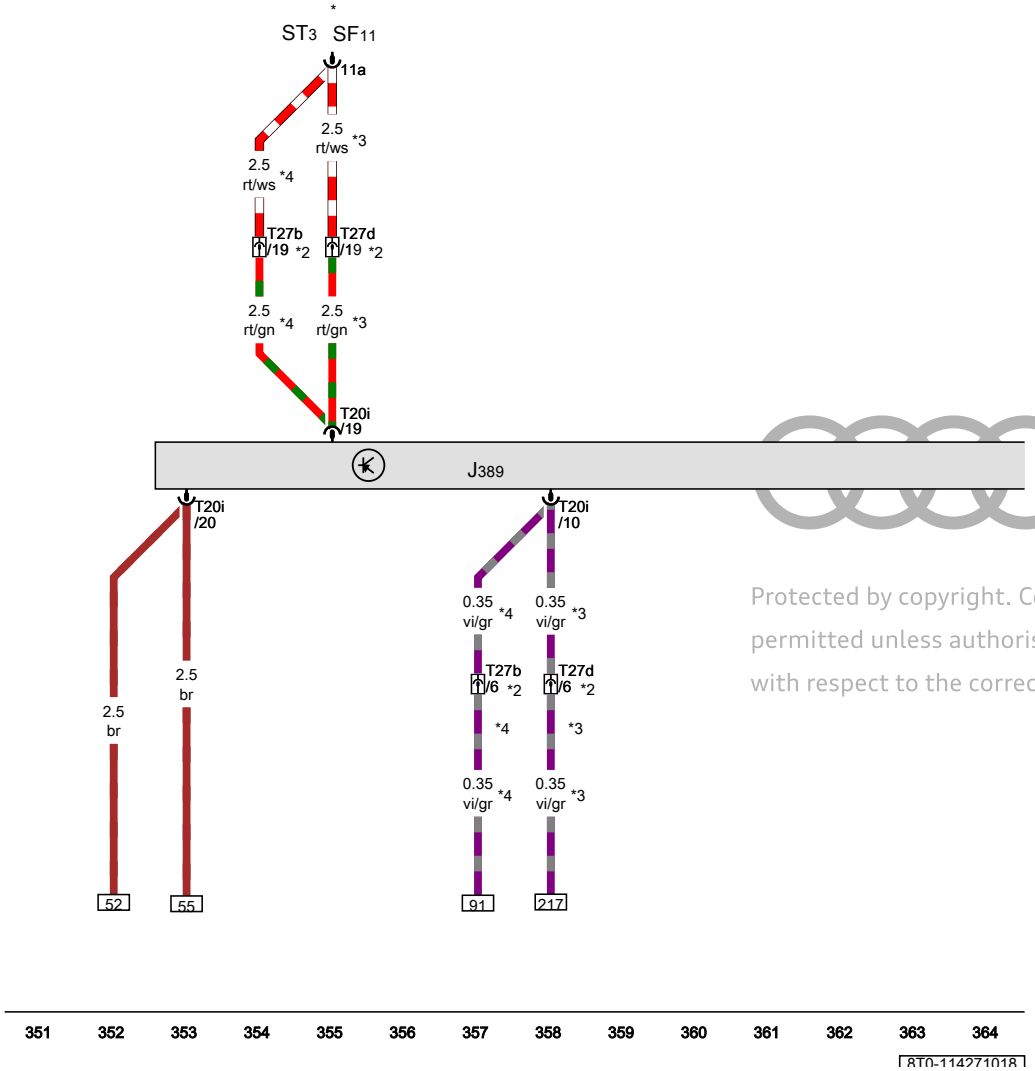


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Rear right door control unit

J389	Rear right door control unit
ST3	Fuse carrier 3
SF11	Fuse 11 in fuse holder F
T20i	20-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
*	see applicable current flow diagram for fuse assignment
*2	For models with 5 doors
*3	For left-hand drive models
*4	For right-hand drive models

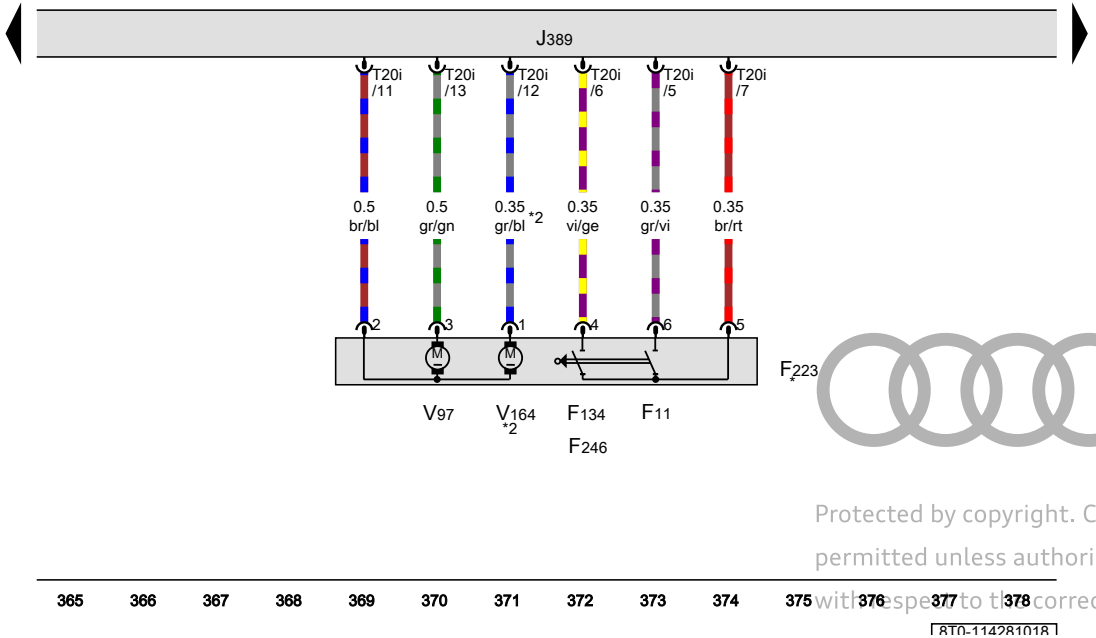


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Rear right central locking lock unit, Rear right door control unit

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F246	Rear right door central locking actuator for SAFELOCK function
J389	Rear right door control unit
T20i	20-pin connector
V97	Rear right door central locking motor
V164	Rear right door central SAFELOCK function locking motor
*	For models with 5 doors
*2	For models with SAFELOCK function



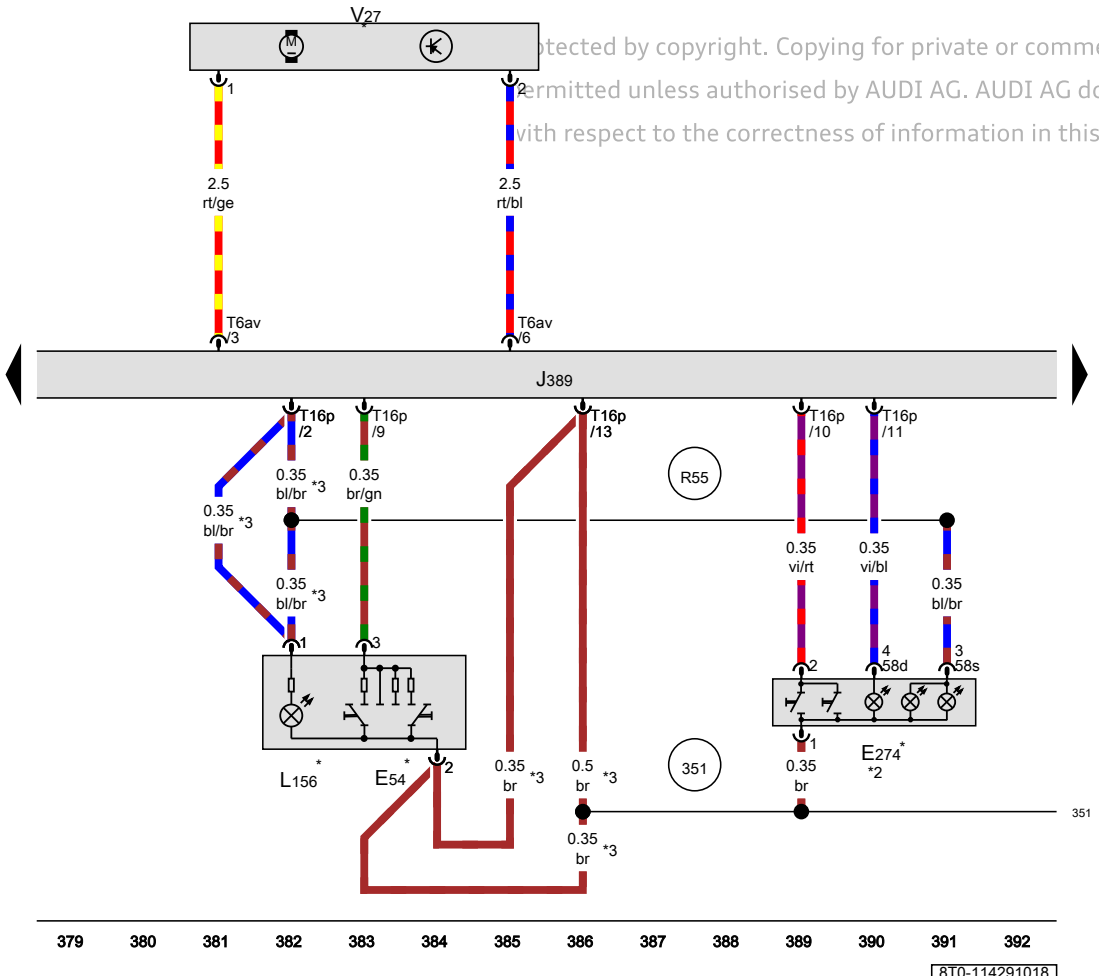
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Rear right window regulator switch, in door, Rear right interior locking switch, Rear right door control unit, Rear right window regulator motor

E54	Rear right window regulator switch, in door
E274	Rear right interior locking switch
J389	Rear right door control unit
L156	Switch illumination bulb
T6av	6-pin connector
T16p	16-pin connector
V27	Rear right window regulator motor
351	Earth connection 2, in rear right door wiring harness
R55	Connection (58s), in rear right door wiring harness
*	For models with 5 doors
*2	For models with interior locking switch
*3	According to equipment

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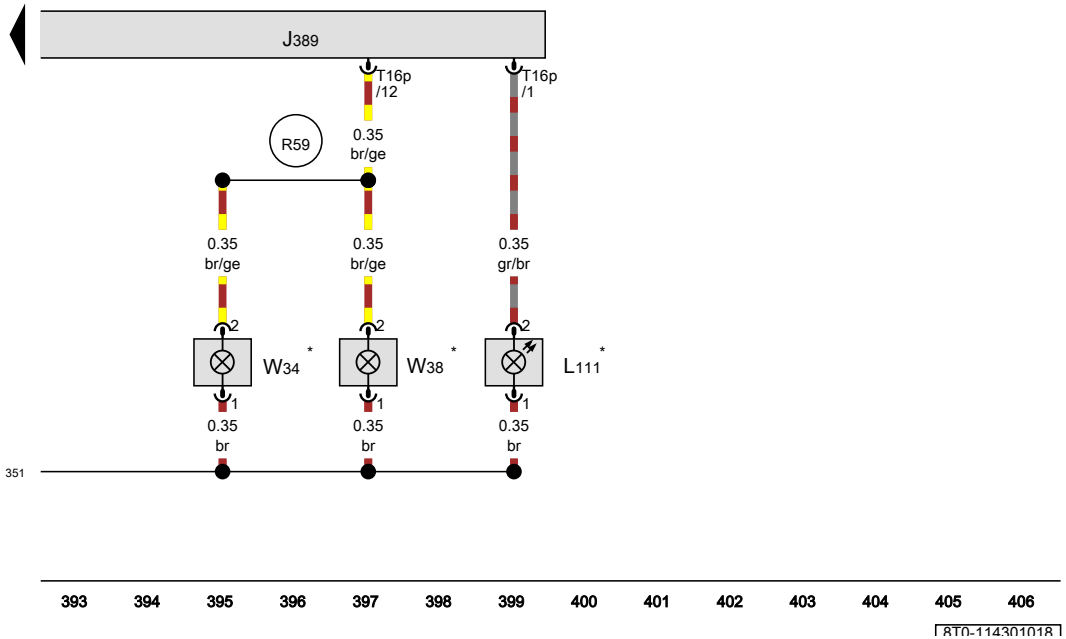


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Rear right door control unit, Rear right door opener illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
T16p	16-pin connector
W34	Rear right entry light
W38	Rear right door warning lamp
351	Earth connection 2, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
*	For models with 5 doors

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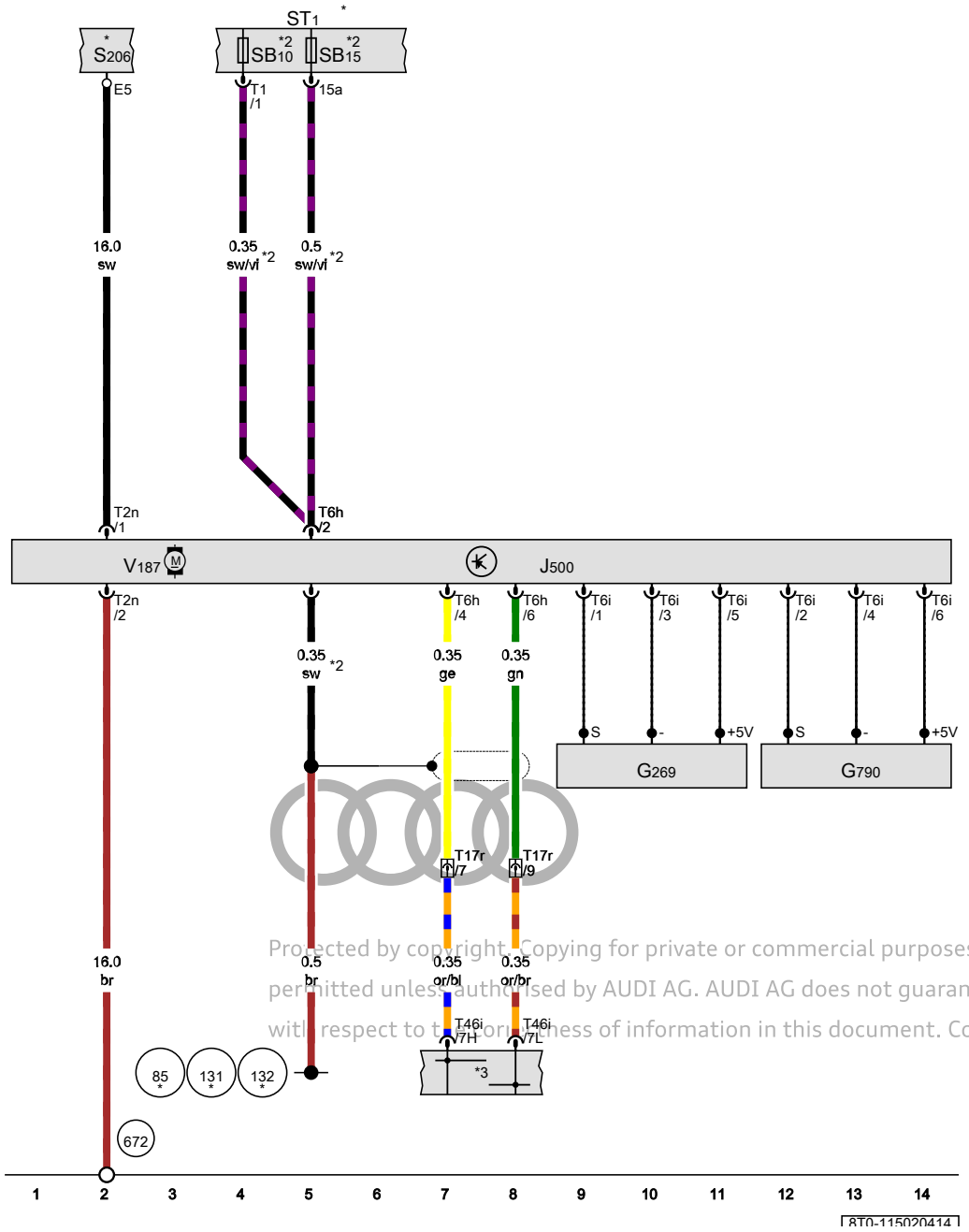


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Electromechanical steering

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Steering moment sender, Power steering control unit

G269	Steering moment sender
G790	Steering moment sender 2
J500	Power steering control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
S206	Fuse 3 (30)
T1	Single connector
T2n	2-pin connector
T6h	6-pin connector
T6i	6-pin connector
T17r	17-pin connector, white
T46i	46-pin connector
V187	Electromechanical power steering motor
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
672	Earth point 2, on front of left longitudinal member
*	see applicable current flow diagram for engine
*2	According to equipment
*3	see applicable current flow diagram for CAN bus network

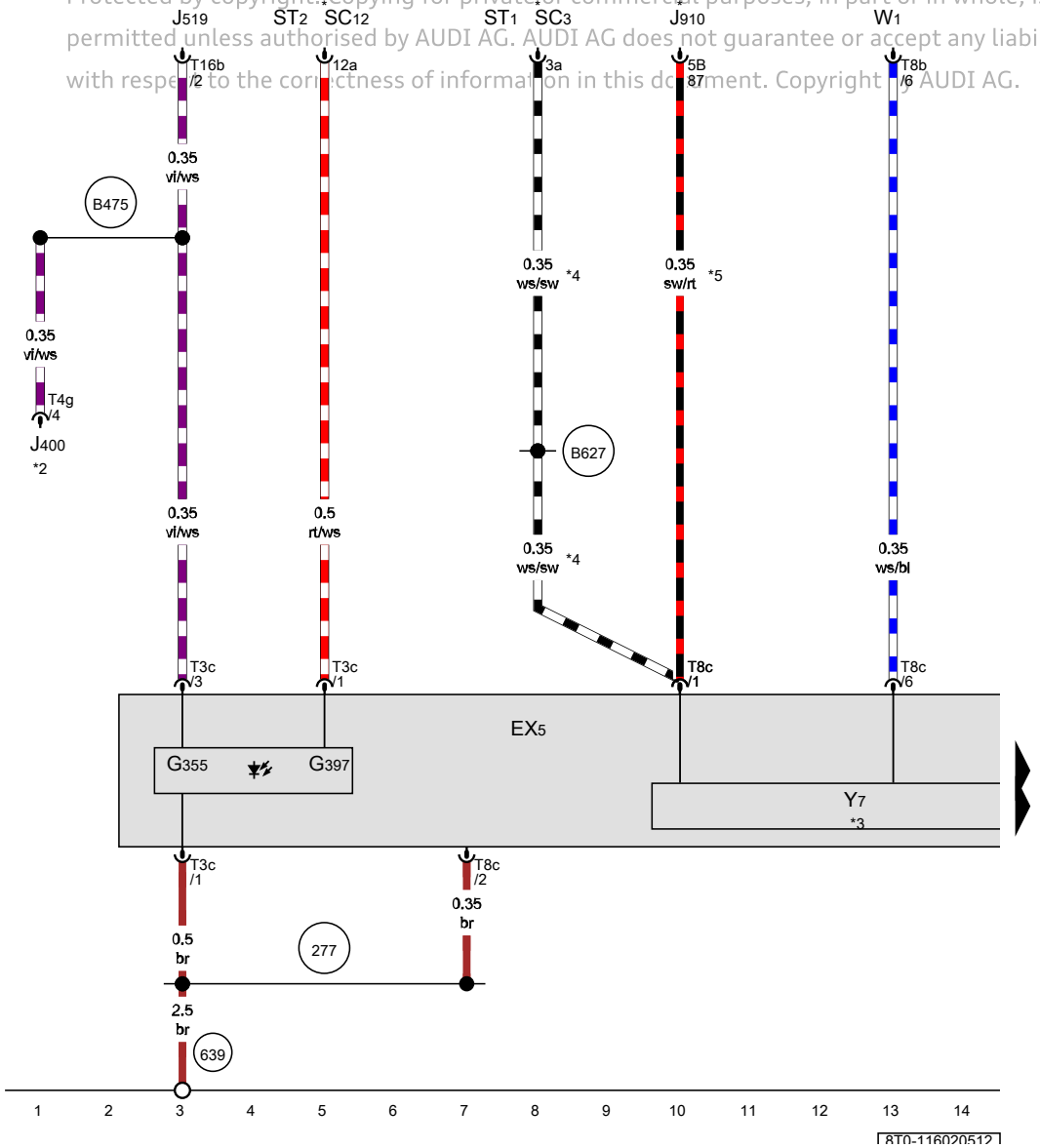
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Interior mirror

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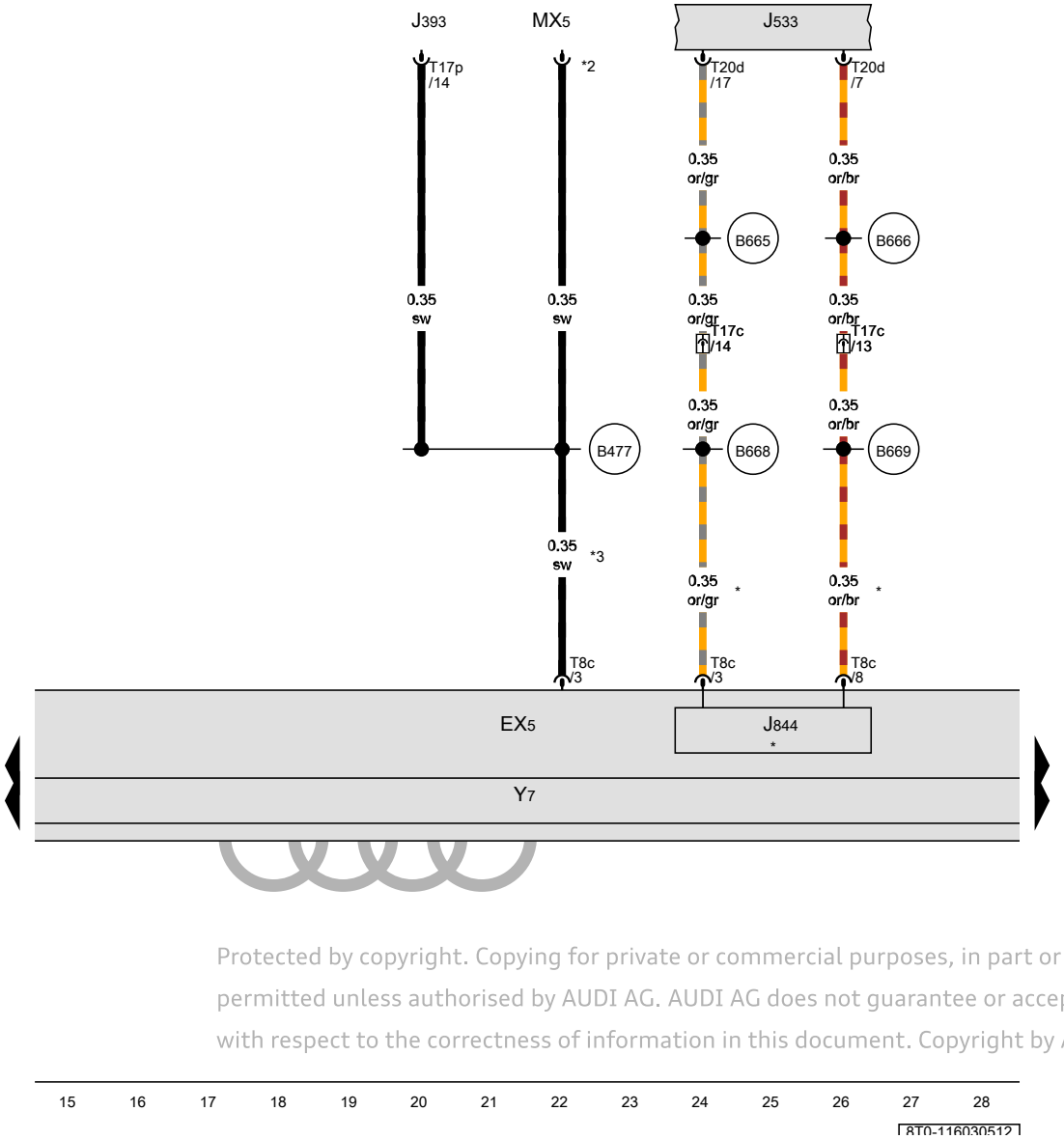
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Interior mirror, Humidity sender, Rain and light sensor, Automatic anti-dazzle interior mirror

EX5	Interior mirror
G355	Humidity sender
G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
J910	Relay for automatic anti-dazzle interior mirror
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
SC12	Fuse 12 on fuse holder C
T3c	3-pin connector
T4g	4-pin connector
T8b	8-pin connector
T8c	8-pin connector
T16b	16-pin connector
W1	Front interior light
Y7	Automatic anti-dazzle interior mirror
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B475	Connection 11, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for basic equipment
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with no start/stop system
*5	Only models with start/stop system



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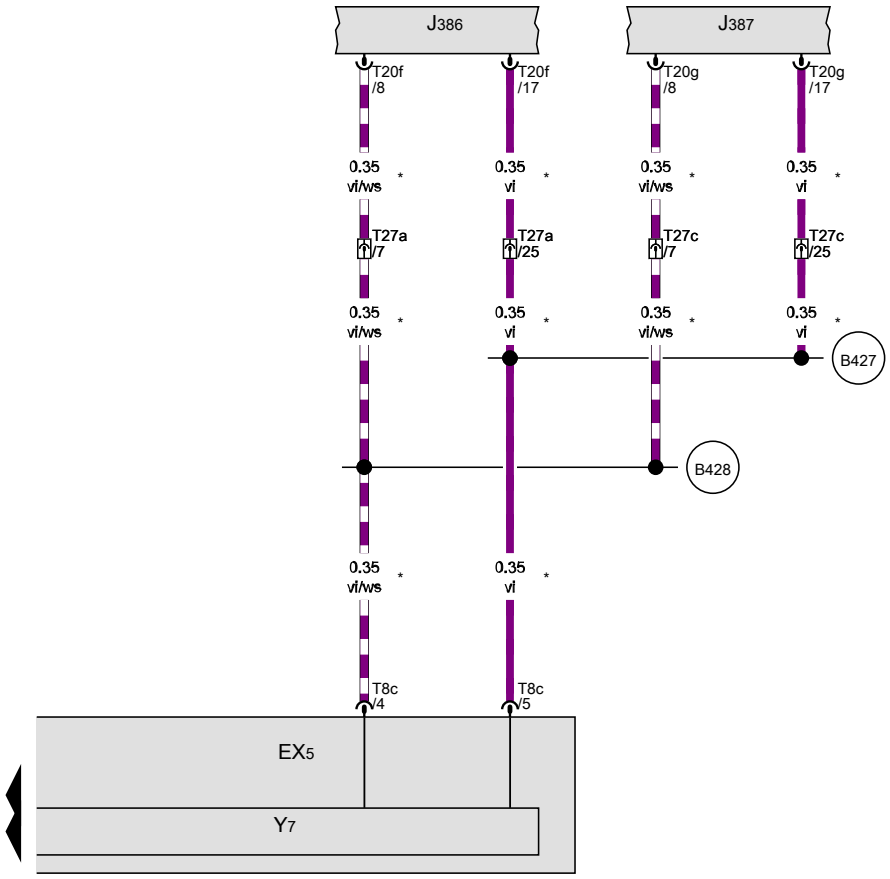
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Interior mirror, Main beam assist control unit, Automatic anti-dazzle interior mirror

EX5	Interior mirror
J393	Convenience system central control unit
J533	Data bus diagnostic interface
J844	Main beam assist control unit
MX5	Left tail light 2
T8c	8-pin connector
T17c	17-pin connector, black
T17p	17-pin connector
T20d	20-pin connector
Y7	Automatic anti-dazzle interior mirror
B477	Connection 13, in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
B668	Connection 2 (CAN bus extended high), in main wiring harness
B669	Connection 2 (CAN bus extended low), in main wiring harness
*	Only models with main beam assist
*2	see applicable current flow diagram for basic equipment
*3	Only models with no main beam assist function



Interior mirror, Driver door control unit, Front passenger door control unit, Automatic anti-dazzle interior mirror

EX5	Interior mirror
J386	Driver door control unit
J387	Front passenger door control unit
T8c	8-pin connector
T20f	20-pin connector
T20g	20-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	Only models with automatic anti-dazzle exterior mirror

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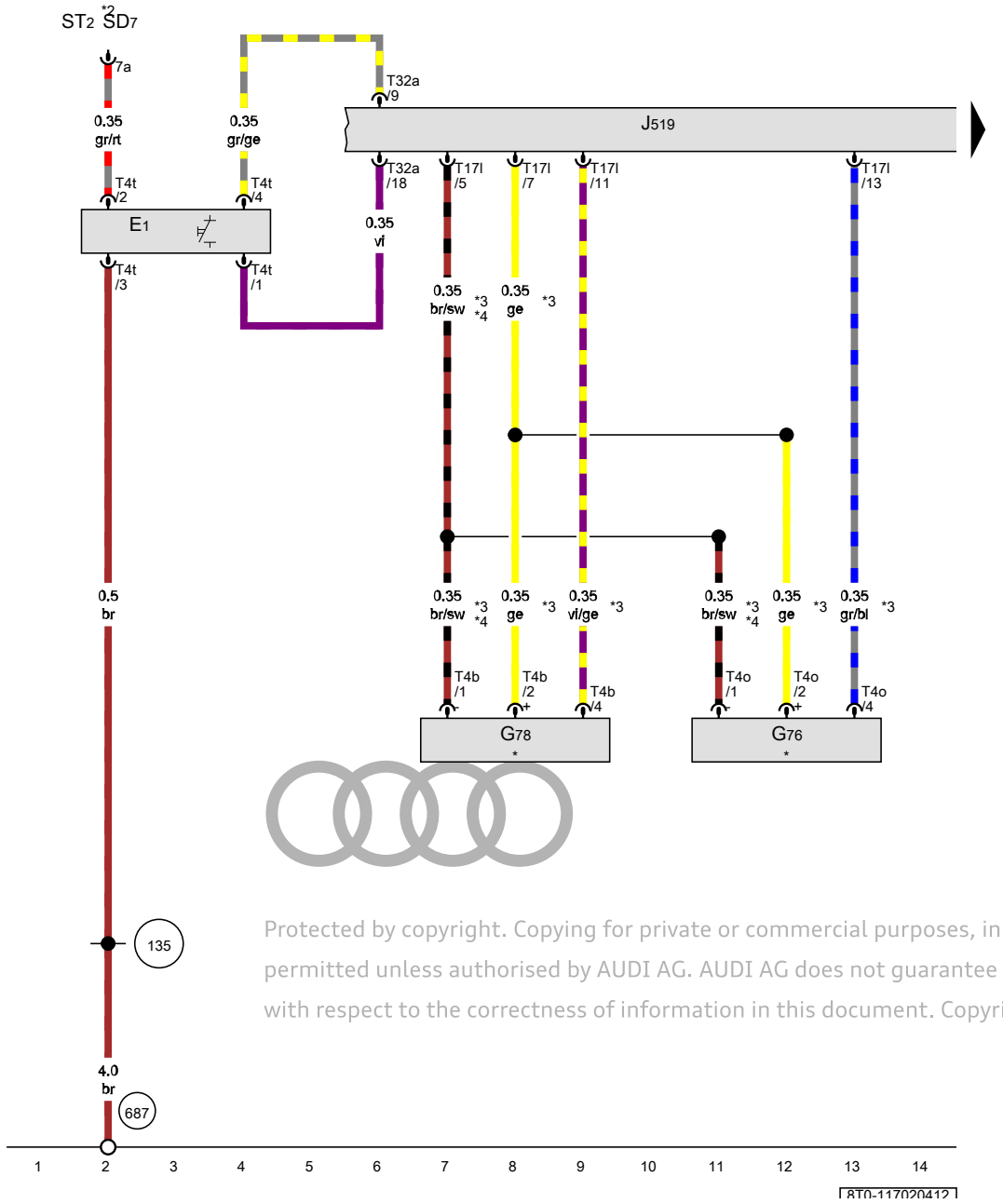
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Gas discharge headlights with automatic headlight range control

From August 2011

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Light switch, Rear left vehicle level sender, Onboard supply control unit



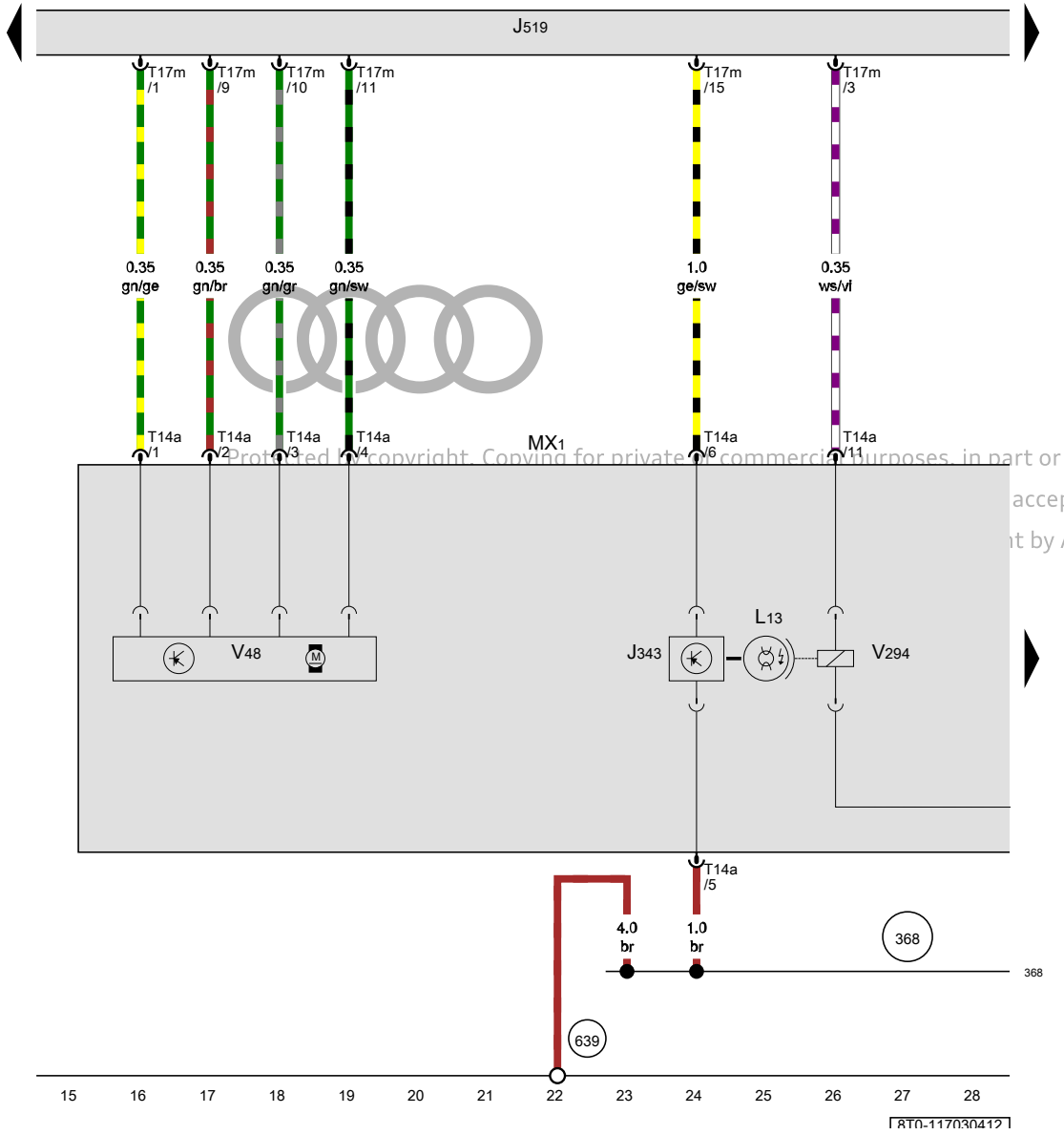
E1	Light switch
G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
ST2	Fuse carrier 2
SD7	Fuse 7 on fuse holder D
T4b	4-pin connector
T4o	4-pin connector
T4t	4-pin connector
T17l	17-pin connector
T32a	32-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for automatic adaptive suspension, adjustable dampers
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no electronic damping control
*4	Wiring colour depends on equipment

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Left gas discharge bulb control unit, Onboard supply control unit, Front left headlight, Left headlight range control motor, Left dip beam screen motor

J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
L13	Left gas discharge (xenon) bulb
MX1	Front left headlight
T14a	14-pin connector
T17m	17-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar

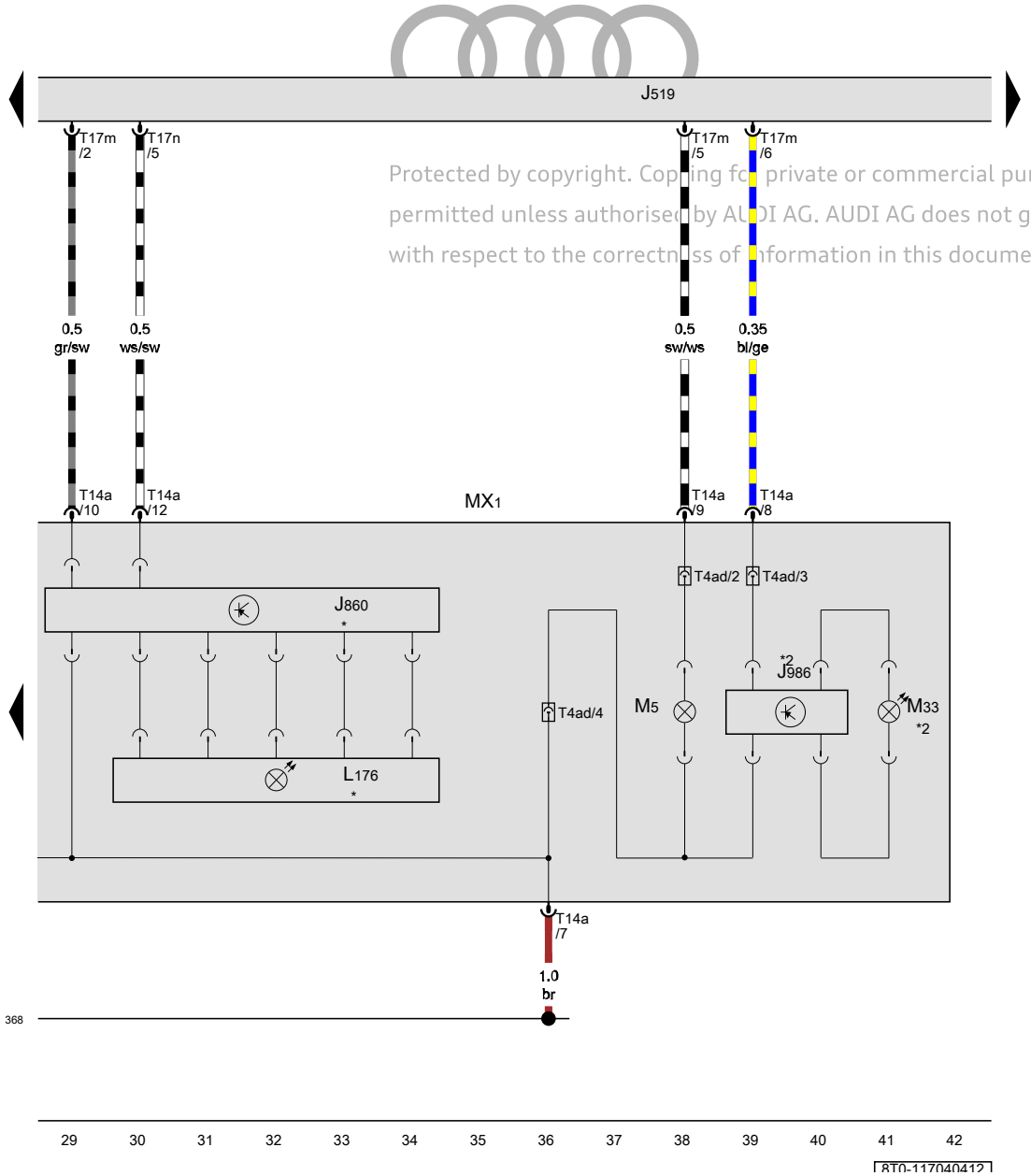


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Onboard supply control unit, Left LED module for daytime running light and side light, Front left headlight

J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
J986	Output module for left side marker light
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
T14a	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
368	Earth connection 3, in main wiring harness
*	Only models with daytime running lights
*2	Special equipment

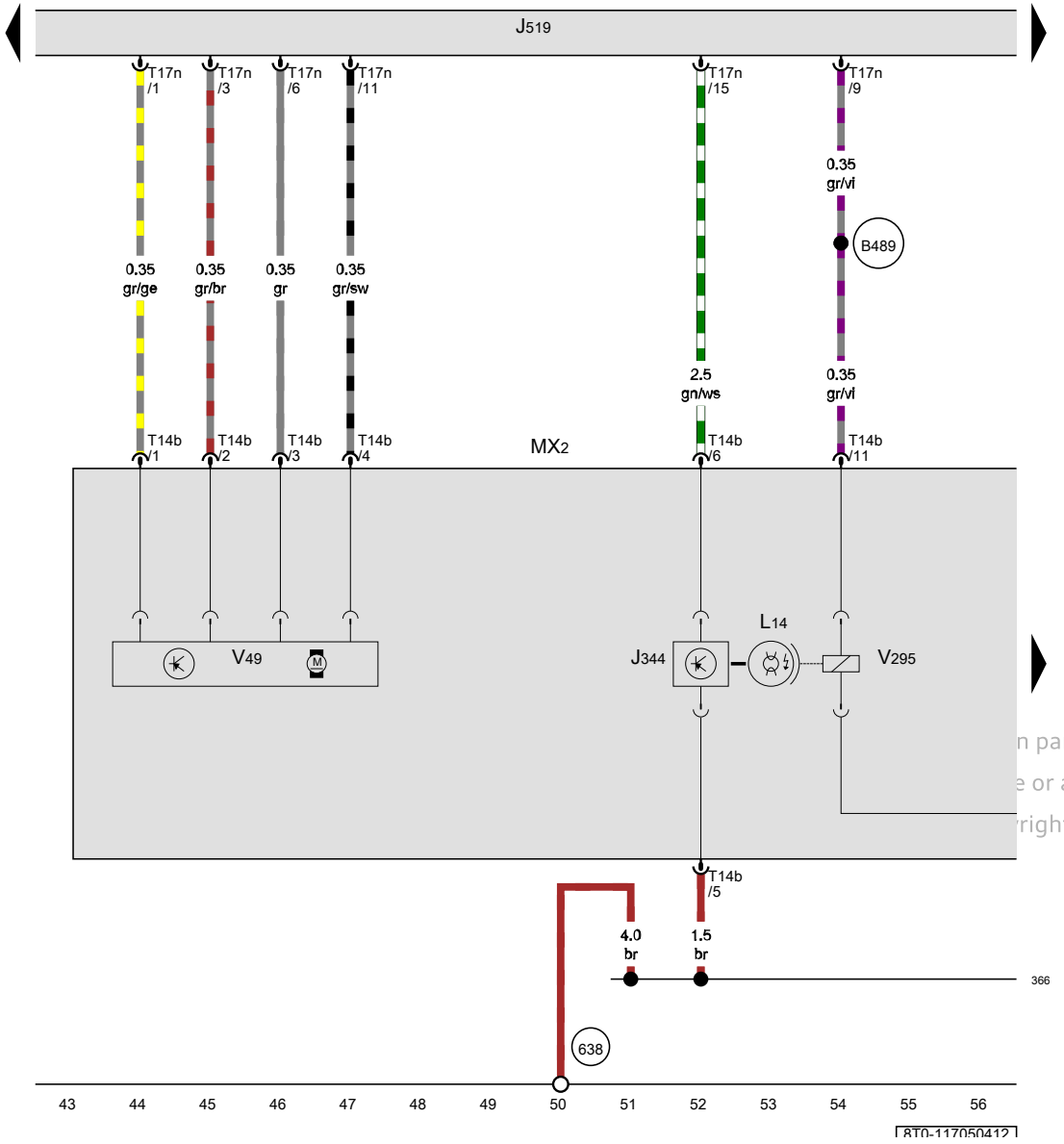


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Right gas discharge bulb control unit, Onboard supply control unit, Right gas discharge (xenon) bulb, Front right headlight, Right headlight range control motor, Right dip beam screen motor

J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
L14	Right gas discharge (xenon) bulb
MX2	Front right headlight
T14b	14-pin connector
T17n	17-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B489	Connection 25, in main wiring harness

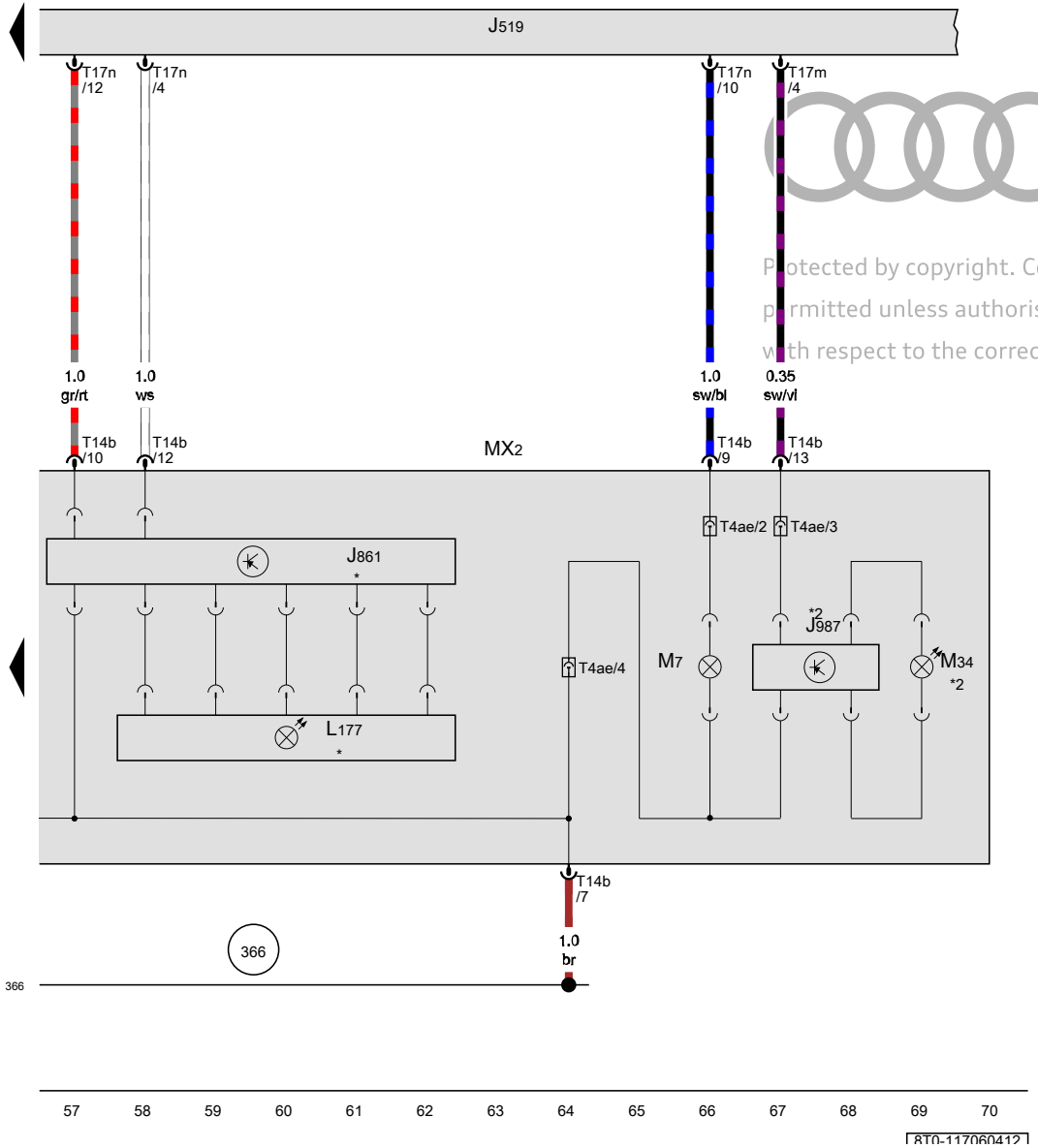


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Onboard supply control unit, Front right headlight, Front right turn signal bulb

J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
J987	Output module for right side marker light
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
M34	Front right side marker bulb
T14b	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
366	Earth connection 1, in main wiring harness
*	Only models with daytime running lights
*2	Special equipment



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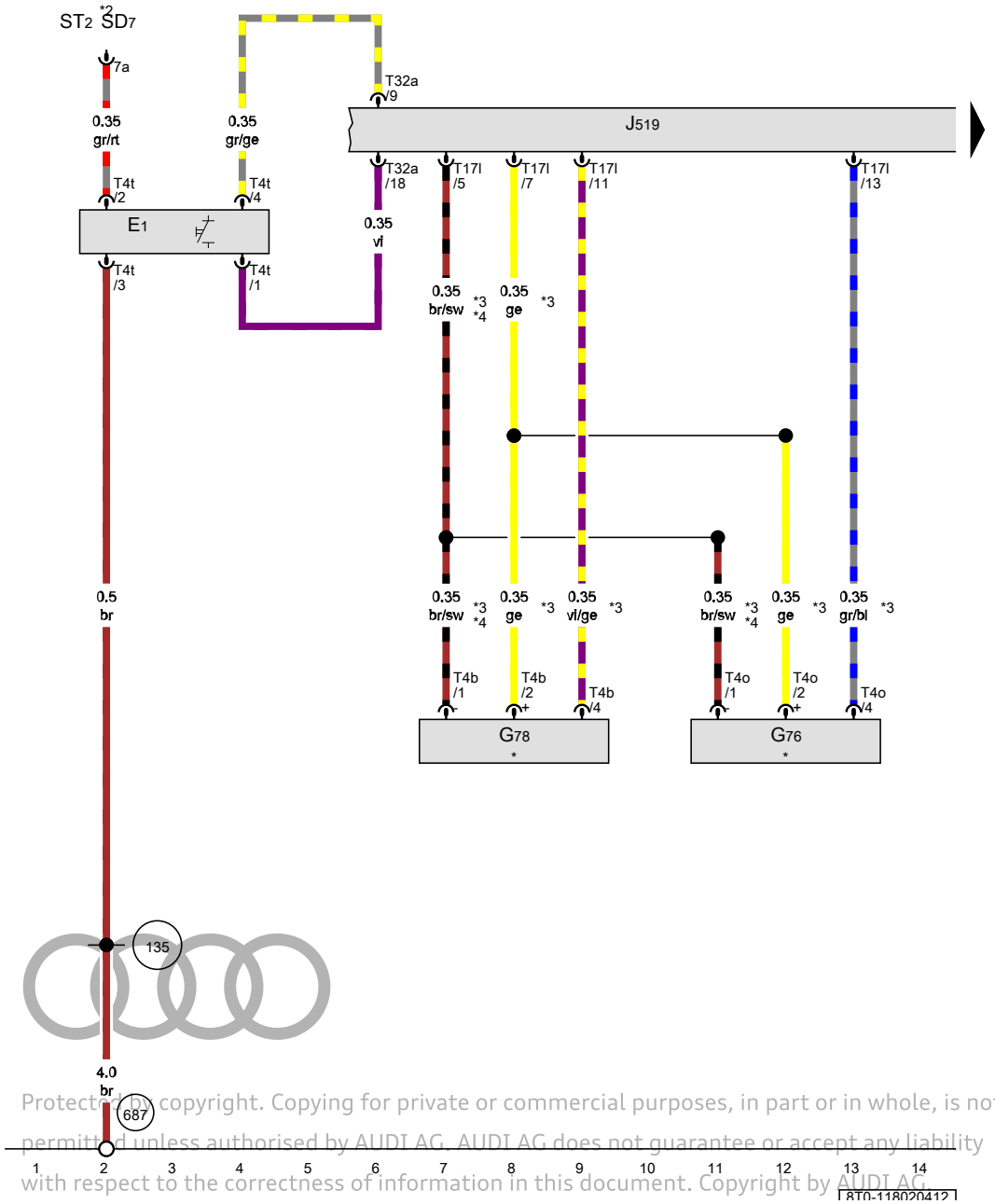
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Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light

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Light switch, Rear left vehicle level sender, Onboard supply control unit

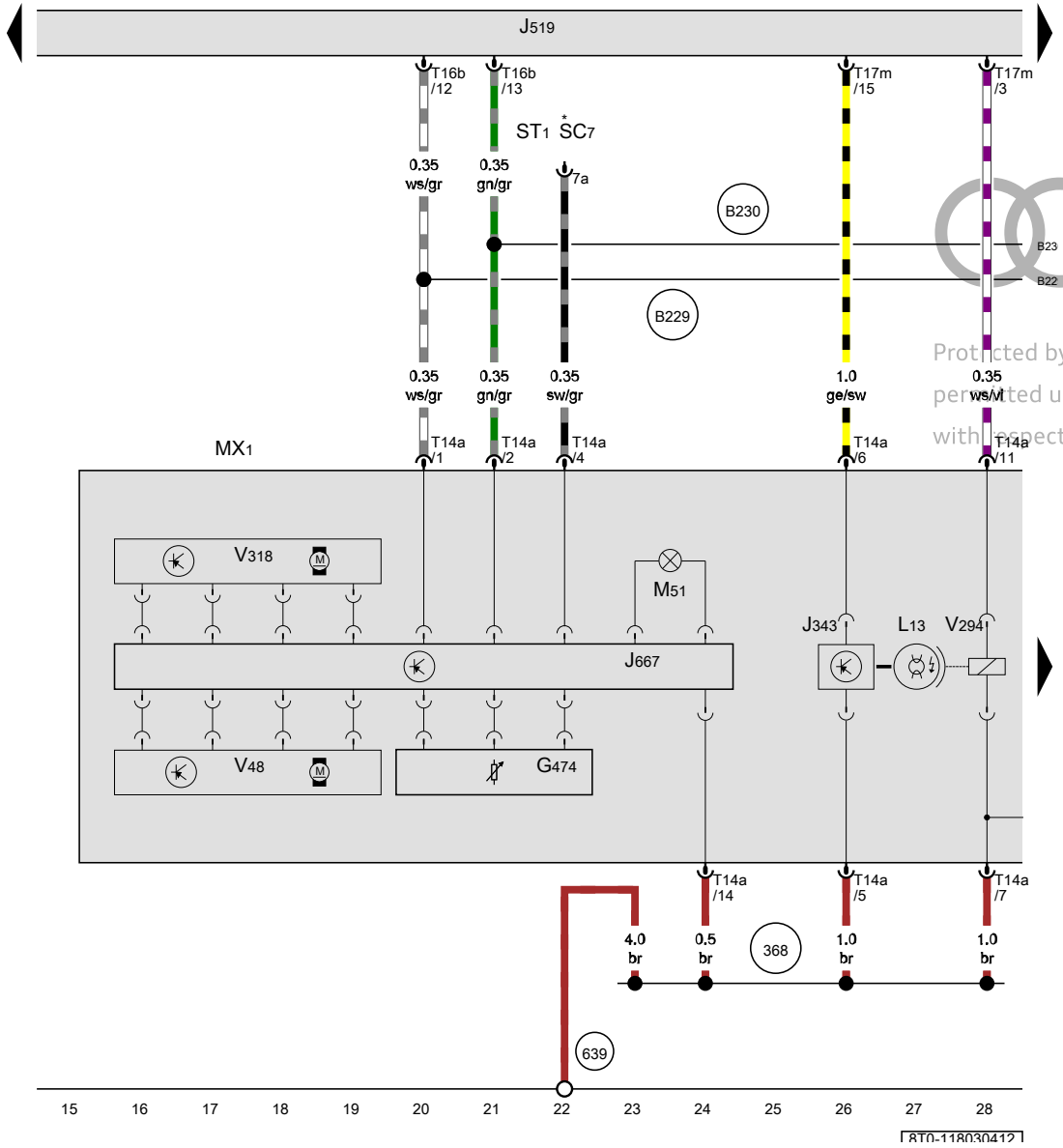


E1	Light switch
G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
ST2	Fuse carrier 2
SD7	Fuse 7 on fuse holder D
T4b	4-pin connector
T4o	4-pin connector
T4t	4-pin connector
T17l	17-pin connector
T32a	32-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for automatic adaptive suspension, adjustable dampers
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no electronic damping control
*4	Wiring colour depends on equipment

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

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Onboard supply control unit, Output module for left headlight, Left gas discharge (xenon) bulb, Front left headlight, Left static cornering light, Left headlight range control motor, Left dip beam screen motor, Left dynamic cornering light control motor



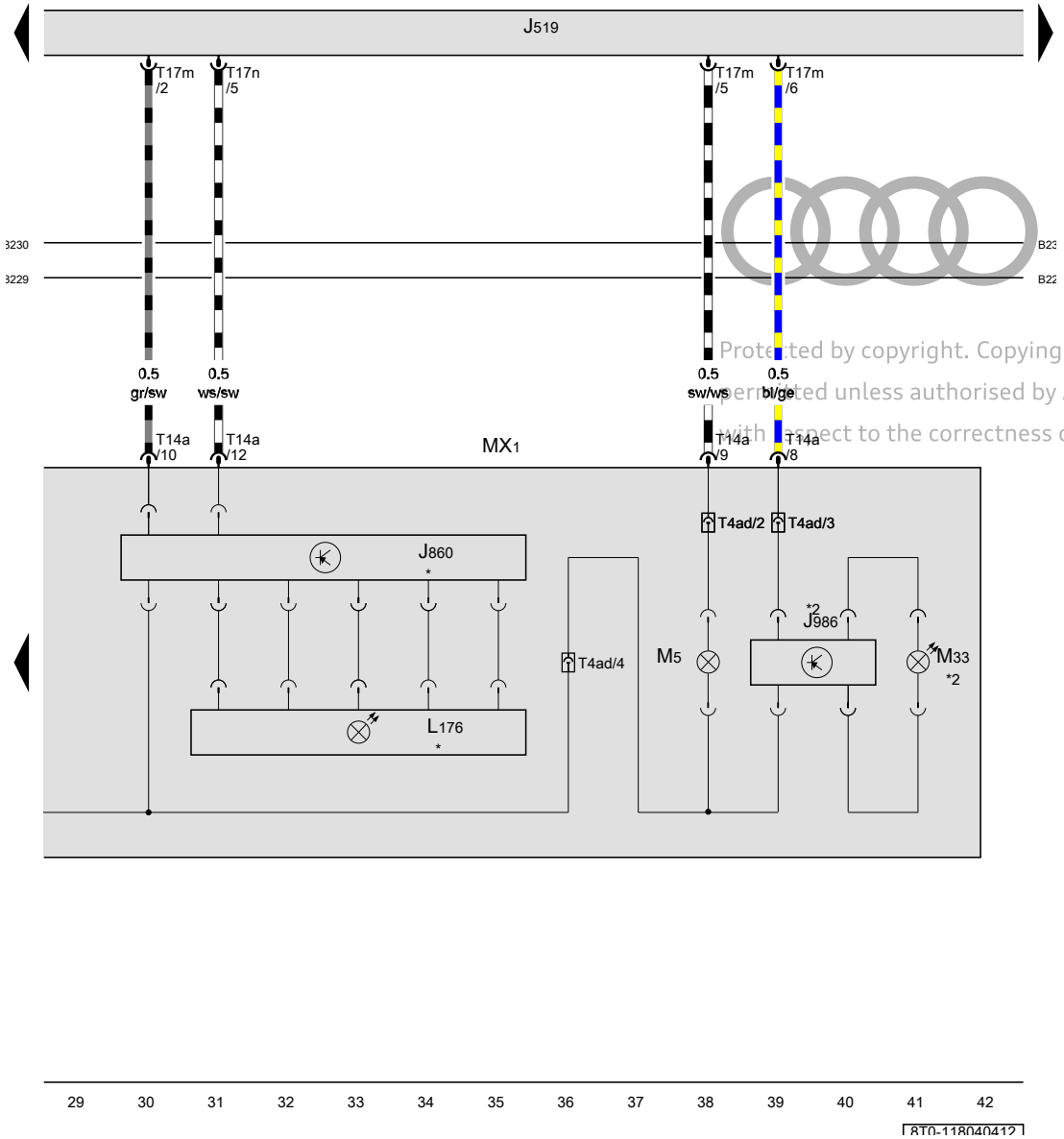
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sw	=	black
ro	=	red
br	=	brown
gn	=	green
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gr	=	grey
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G474	Left swivel module position sensor
J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Output module for left headlight
L13	Left gas discharge (xenon) bulb
MX1	Front left headlight
M51	Left static cornering light
ST1	Fuse carrier 1
SC7	Fuse 7 on fuse holder C
T14a	14-pin connector
T16b	16-pin connector
T17m	17-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	see applicable current flow diagram for fuse assignment

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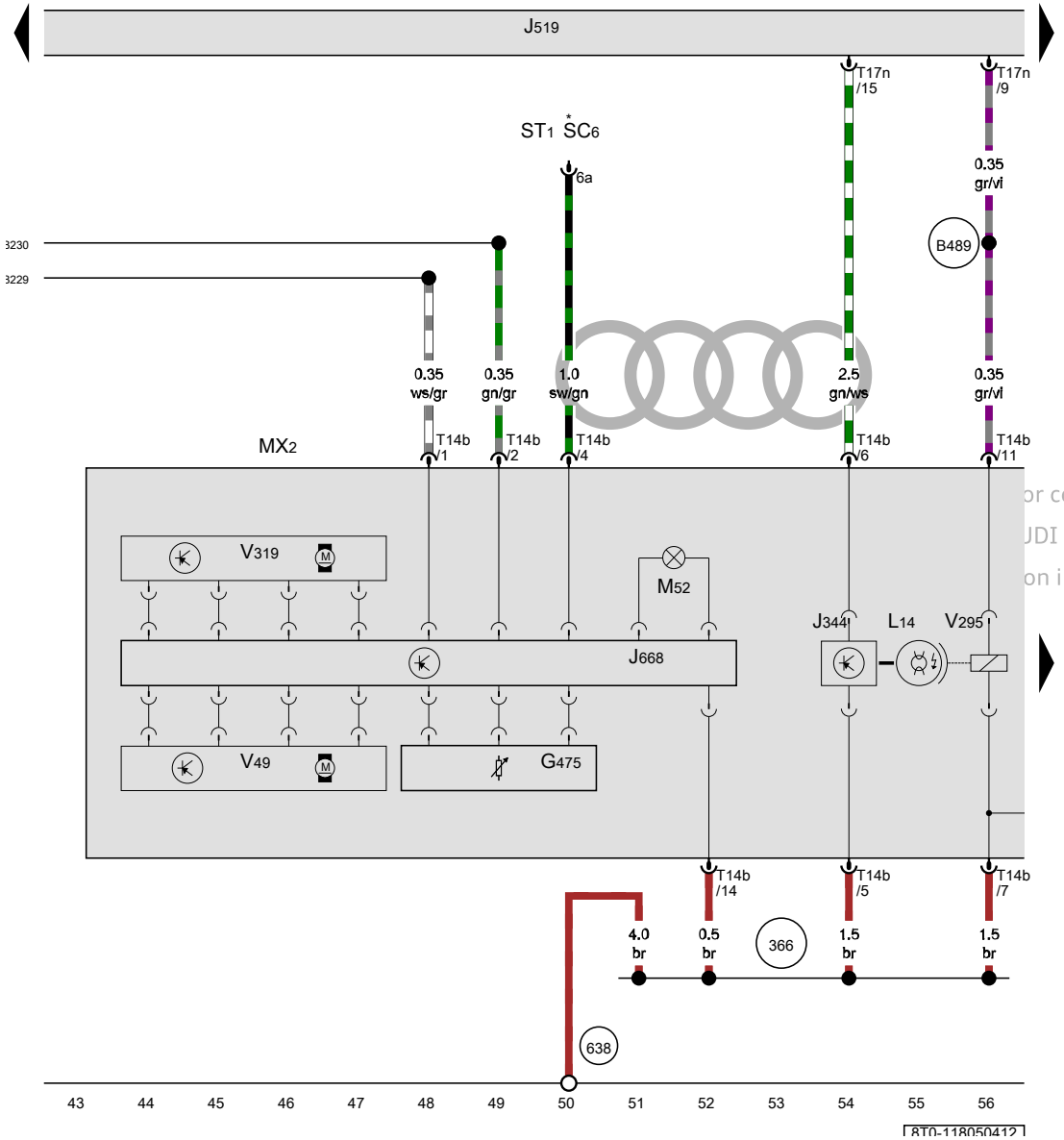
Onboard supply control unit, Left LED module for daytime running light and side light, Front left headlight

J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
J986	Output module for left side marker light
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
T14a	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
*	Only models with daytime running lights
*2	Special equipment



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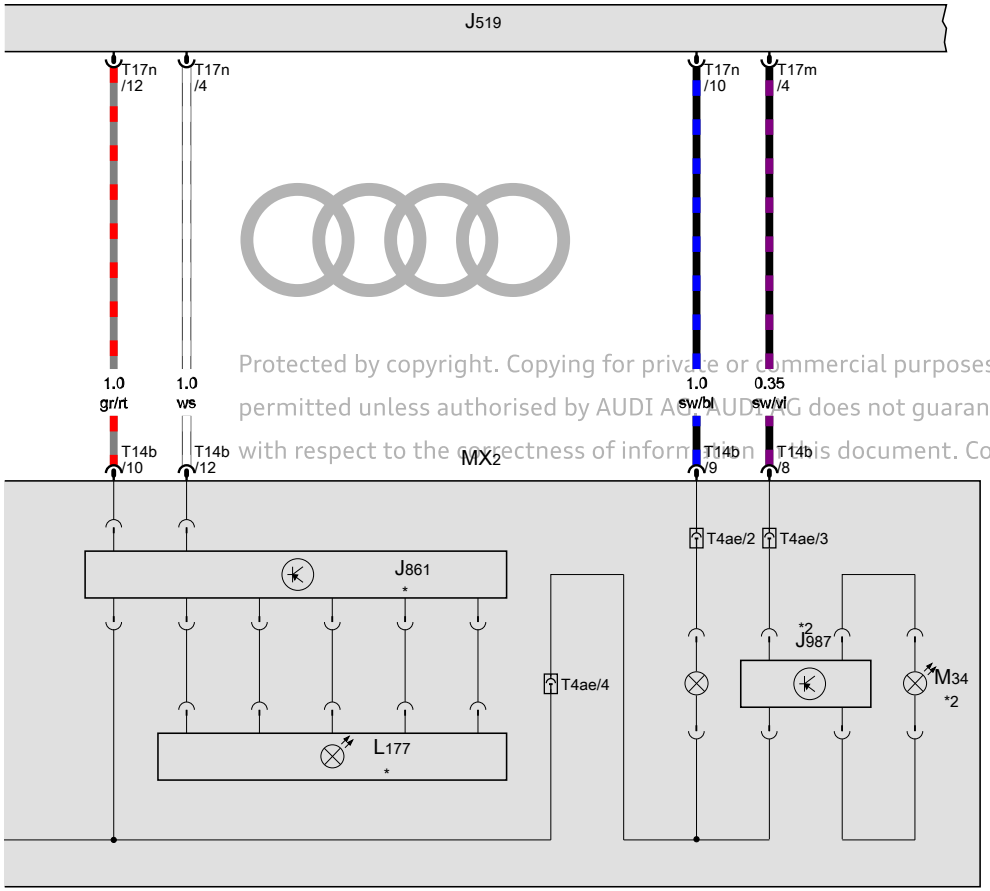
Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Right gas discharge (xenon) bulb, Front right headlight, Right static cornering light, Right headlight range control motor, Right dip beam screen motor, Right dynamic cornering light control motor

G475	Right swivel module position sensor
J344	Right gas discharge bulb control unit
J519	Onboard supply control unit
J668	Output module for right headlight
L14	Right gas discharge (xenon) bulb
MX2	Front right headlight
M52	Right static cornering light
ST1	Fuse carrier 1
SC6	Fuse 6 on fuse holder C
T14b	14-pin connector
T17n	17-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), in interior wiring harness
B489	Connection 25, in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Onboard supply control unit, Front right headlight

J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
J987	Output module for right side marker light
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M34	Front right side marker bulb
T14b	14-pin connector
T17m	17-pin connector
T17n	17-pin connector
*	Only models with daytime running lights
*2	Special equipment



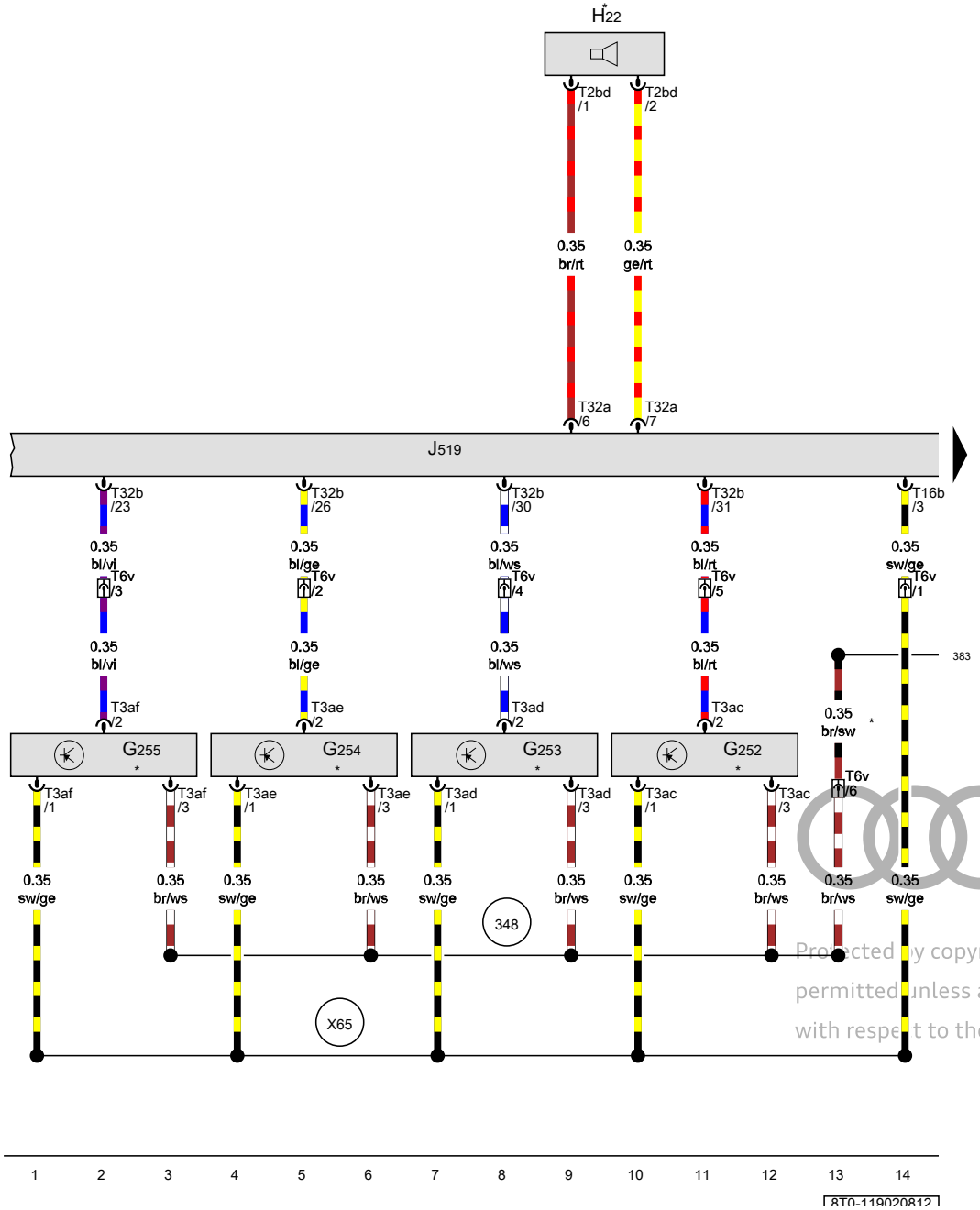
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Parking aid (PDC)

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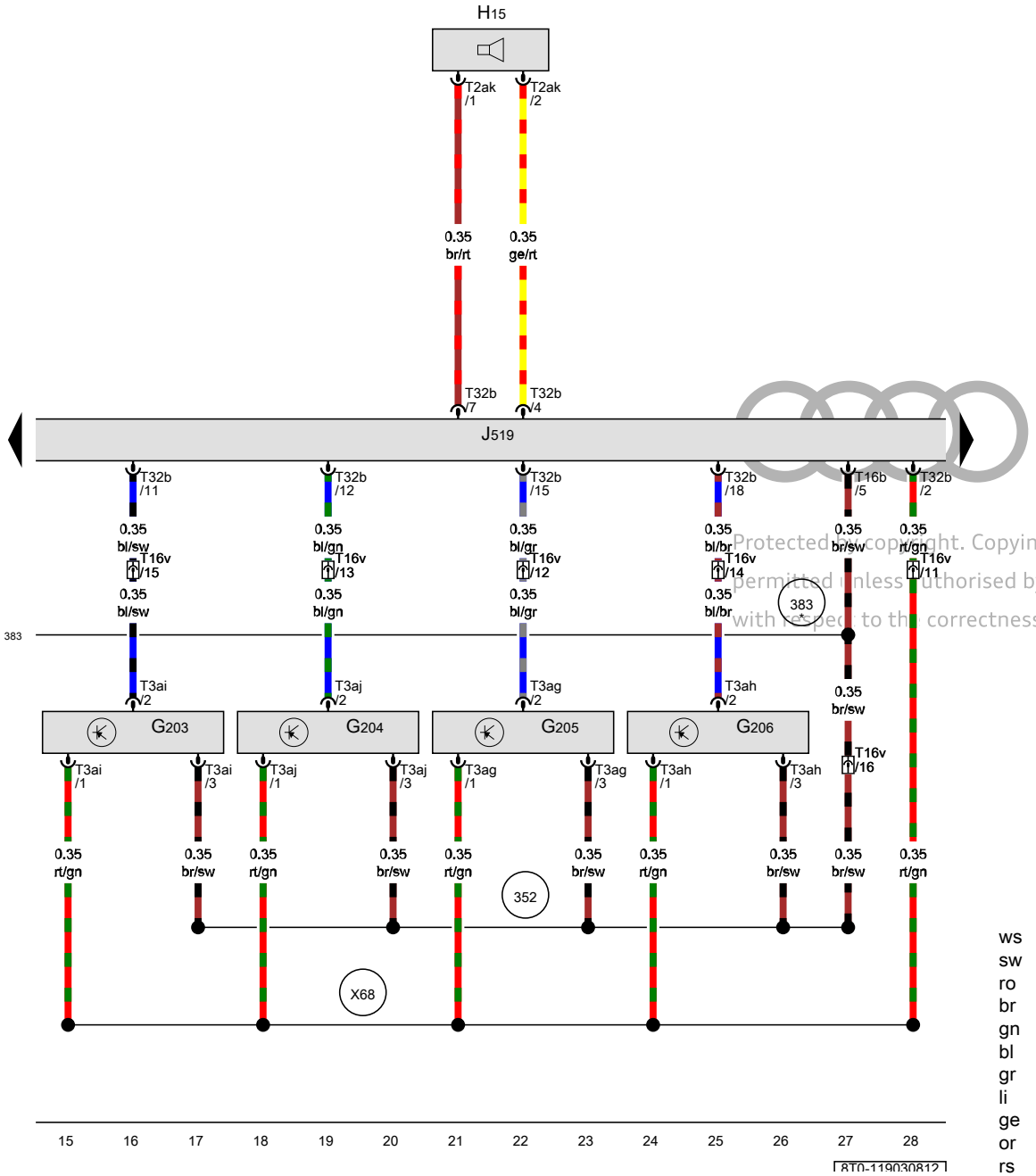


Front left parking aid sender, Front parking aid warning buzzer, Onboard supply control unit

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
H22	Front parking aid warning buzzer
J519	Onboard supply control unit
T2bd	2-pin connector
T3ac	3-pin connector
T3ad	3-pin connector
T3ae	3-pin connector
T3af	3-pin connector
T6v	6-pin connector, near front bumper
T16b	16-pin connector
T32a	32-pin connector
T32b	32-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
383	Earth connection 18, in main wiring harness
X65	Connection (parking aid), in front bumper wiring harness
*	Only models with parking aid, front/rear

ws	=	white
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ro	=	red
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Rear left parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Onboard supply control unit

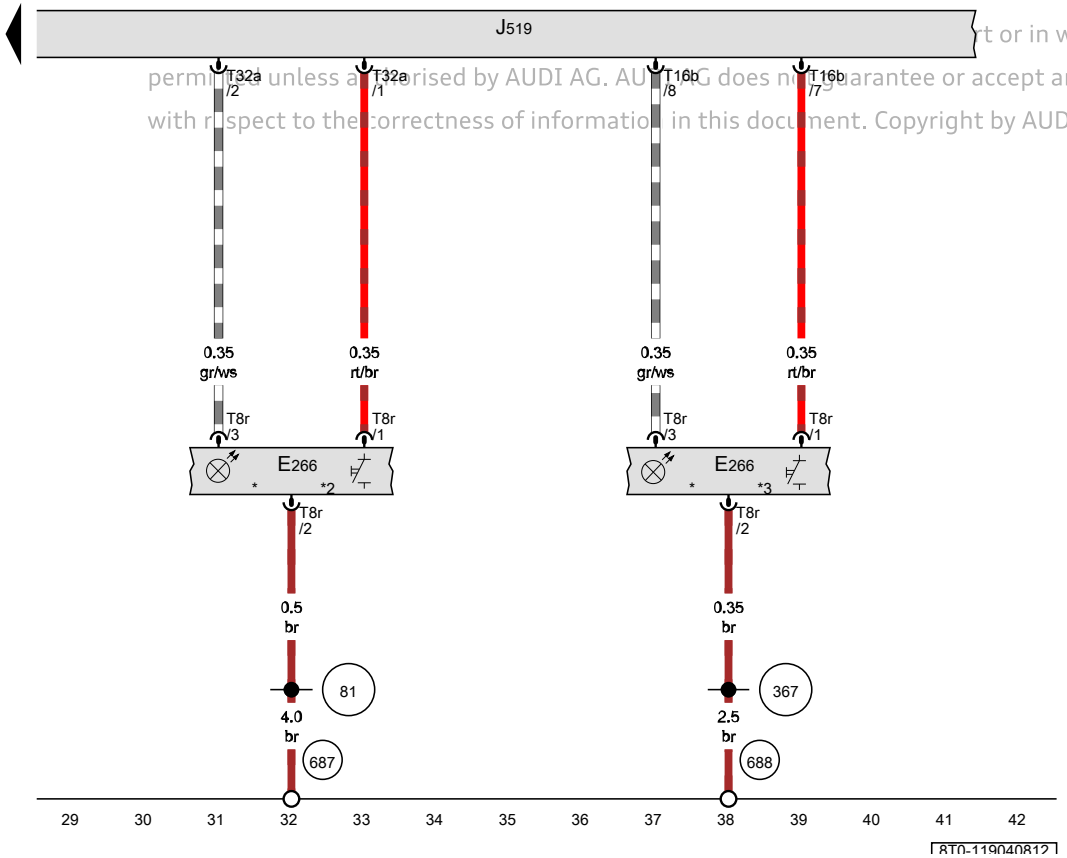
G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J519	Onboard supply control unit
T2ak	2-pin connector
T3ag	3-pin connector
T3ah	3-pin connector
T3ai	3-pin connector
T3aj	3-pin connector
T16b	16-pin connector
T16v	16-pin connector, brown
T32b	32-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
383	Earth connection 18, in main wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness
*	Only models with parking aid, front/rear

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rs	=	pink

Parking aid button, Onboard supply control unit

E266	Parking aid button
J519	Onboard supply control unit
T8r	8-pin connector
T16b	16-pin connector
T32a	32-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
*	Only models with parking aid, front/rear
*2	Only models with navigation system, Low
*3	Only models with no navigation system



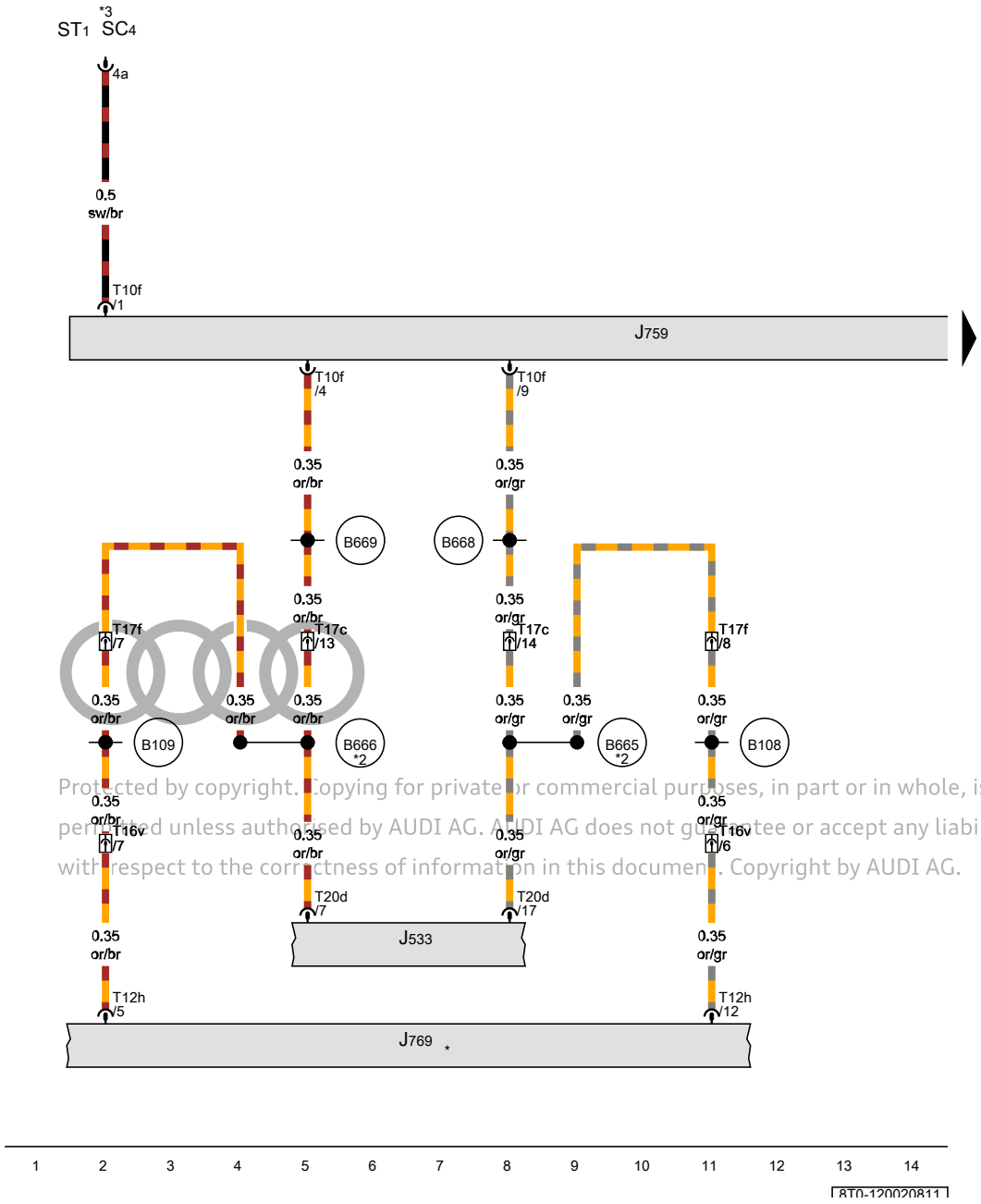
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Lane departure warning

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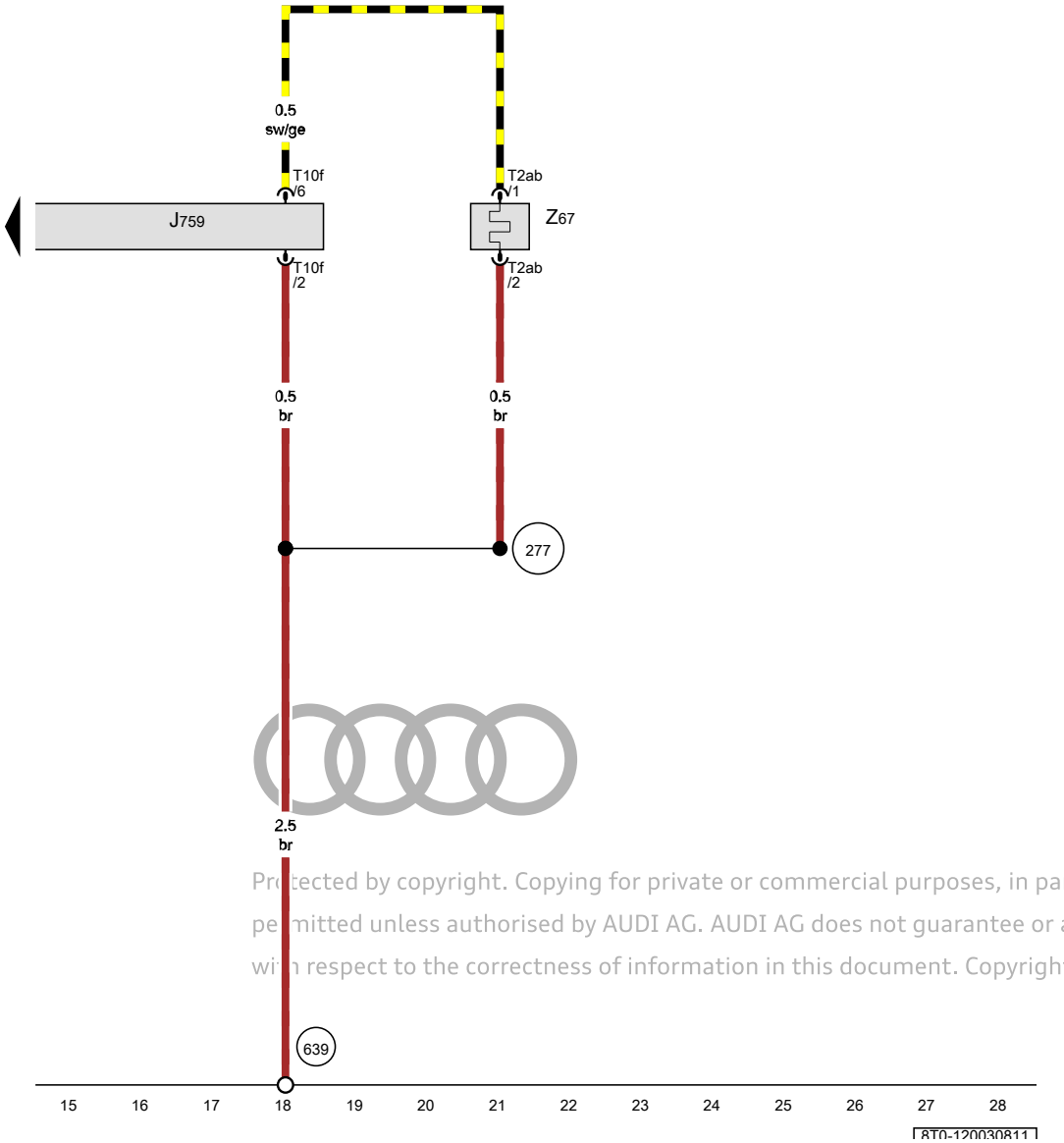
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Data bus diagnostic interface, Lane departure warning control unit

J533	Data bus diagnostic interface
J759	Lane departure warning control unit
J769	Lane change assist control unit
ST1	Fuse carrier 1
SC4	Fuse 4 on fuse holder C
T10f	10-pin connector
T12h	12-pin connector
T16v	16-pin connector, brown
T17c	17-pin connector, black
T17f	17-pin connector, brown
T20d	20-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
B668	Connection 2 (CAN bus extended high), in main wiring harness
B669	Connection 2 (CAN bus extended low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with lane change assist
*3	see applicable current flow diagram for fuse assignment

Lane departure warning control unit, Windscreen heater for lane departure warning

J759	Lane departure warning control unit
T2ab	2-pin connector
T10f	10-pin connector
Z67	Windscreen heater for lane departure warning
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar



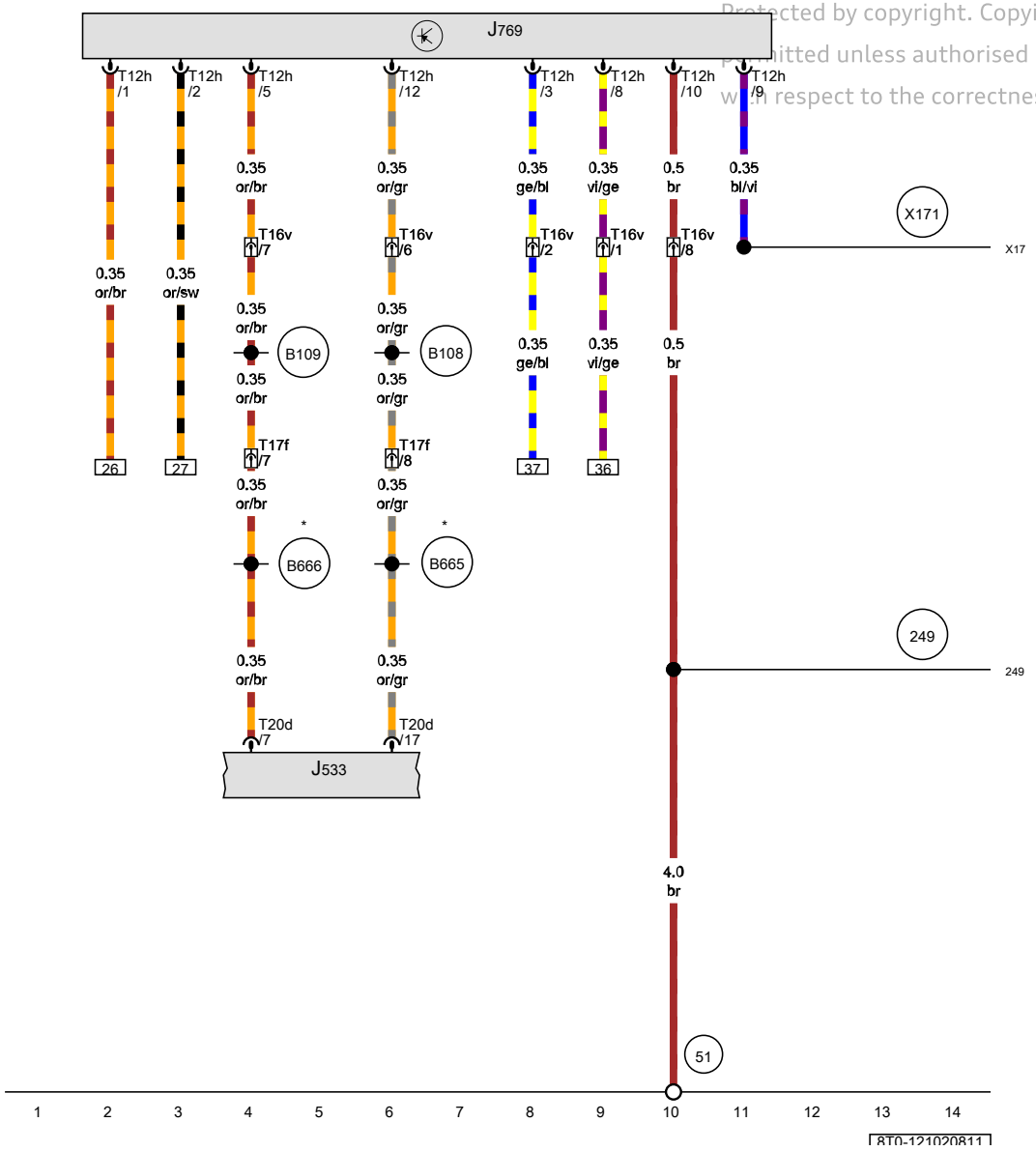
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ro	=	red
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Lane change assist

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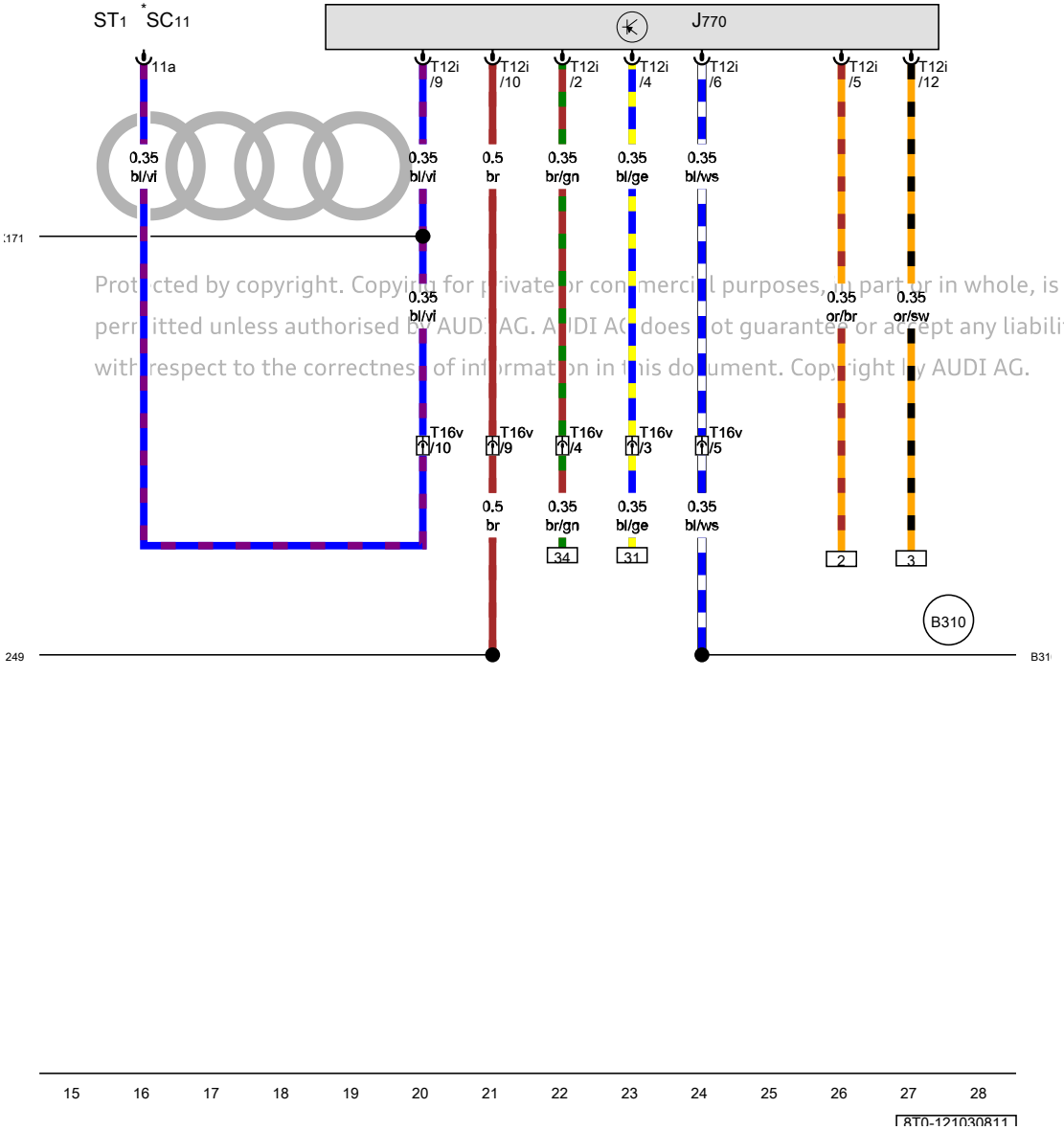


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
T12h	12-pin connector
T16v	16-pin connector, brown
T17f	17-pin connector
T20d	20-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
X171	Connection (15), rear bumper wiring harness
*	Only models with lane departure warning assist

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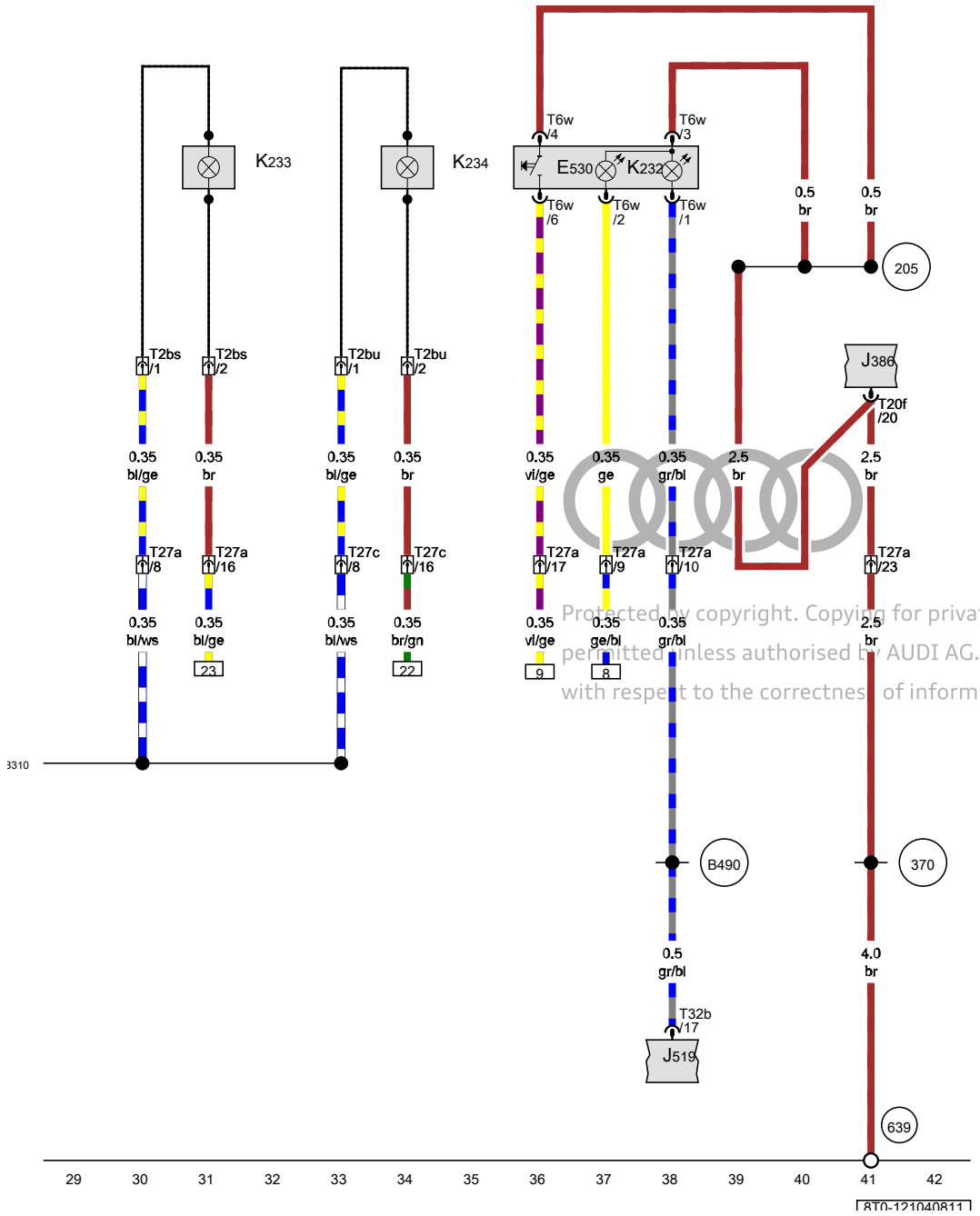
Lane change assist control unit 2

J770	Lane change assist control unit 2
ST1	Fuse carrier 1
SC11	Fuse 11 on fuse holder C
T12i	12-pin connector
T16v	16-pin connector, brown
249	Earth connection 2, in interior wiring harness
B310	Positive connection 14 (30), in main wiring harness
X171	Connection (15), rear bumper wiring harness
*	see applicable current flow diagram for fuse assignment

15 16 17 18 19 20 21 22 23 24 25 26 27 28

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Button for lane change assist, Lane change assist warning lamp in driver side exterior mirror, Lane change assist warning lamp in front passenger side exterior mirror

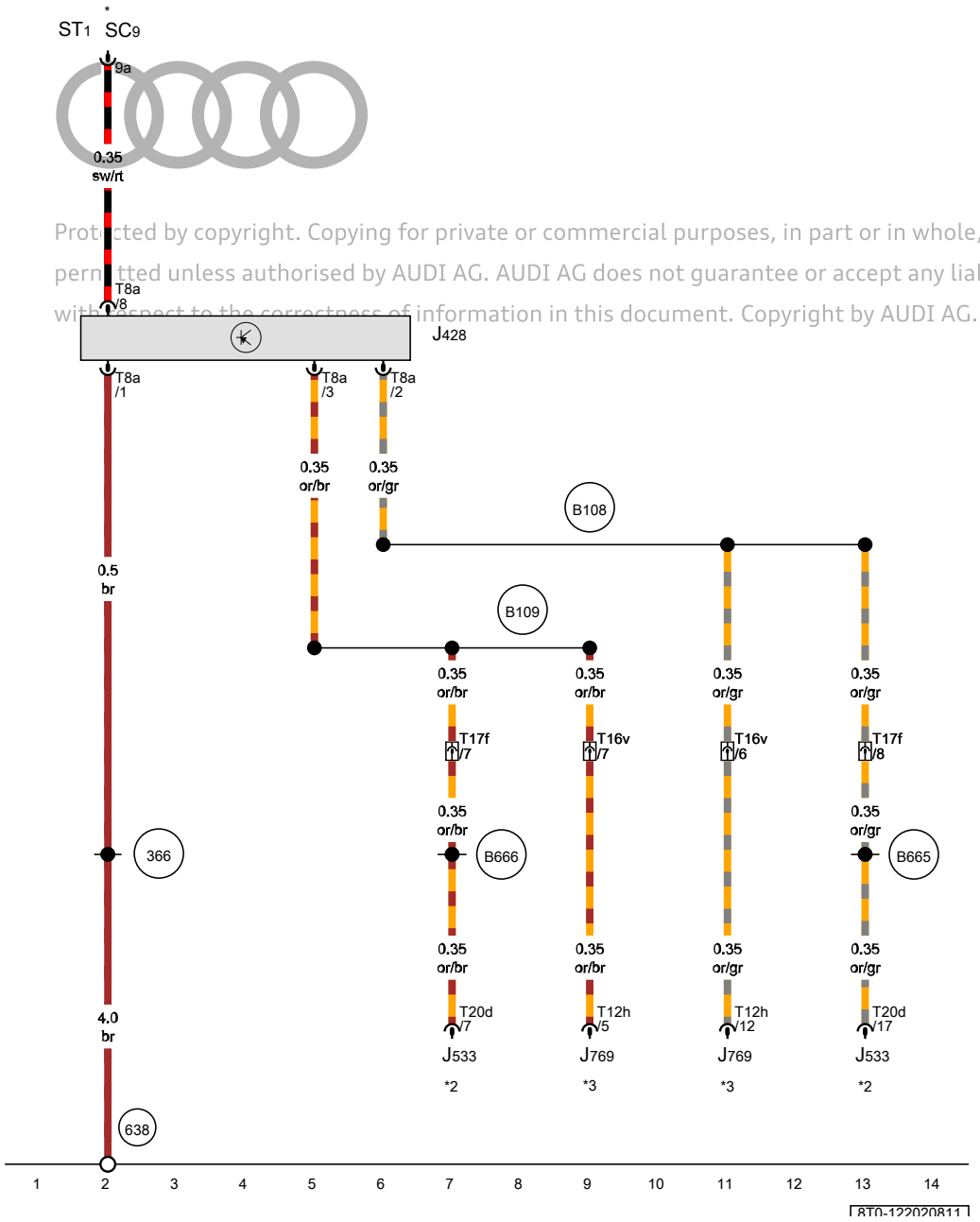
E530	Button for lane change assist
J386	Driver door control unit
J519	Onboard supply control unit
K232	Lane change assist warning lamp
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in front passenger side exterior mirror
T2bs	2-pin connector
T2bu	2-pin connector
T6w	6-pin connector
T20f	20-pin connector
T27a	27-pin connector
T27c	27-pin connector
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B310	Positive connection 14 (30), in main wiring harness
B490	Connection 26, in main wiring harness

ws	=	white
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Adaptive cruise control

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Adaptive cruise control unit

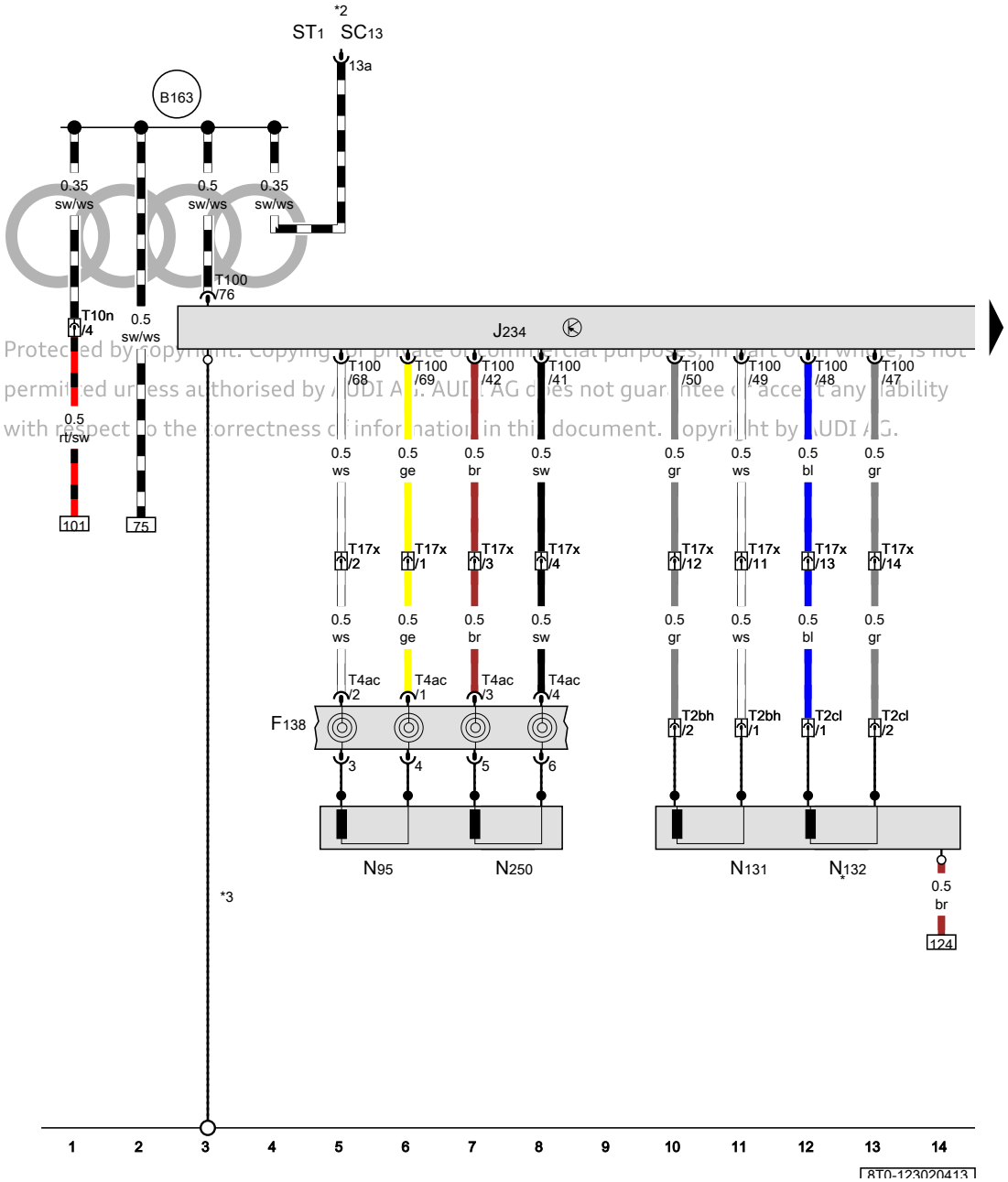
J428	Adaptive cruise control unit
J533	Data bus diagnostic interface
J769	Lane change assist control unit
ST1	Fuse carrier 1
SC9	Fuse 9 on fuse holder C
T8a	8-pin connector
T12h	12-pin connector
T16v	16-pin connector, brown
T17f	17-pin connector, brown
T20d	20-pin connector
366	Earth connection 1, in main wiring harness
638	Earth point, on right A-pillar
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B665	Connection 1 (CAN bus extended high), in dash panel wiring harness
B666	Connection 1 (CAN bus extended low), in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	see applicable current flow diagram for lane change assist

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Airbag systems

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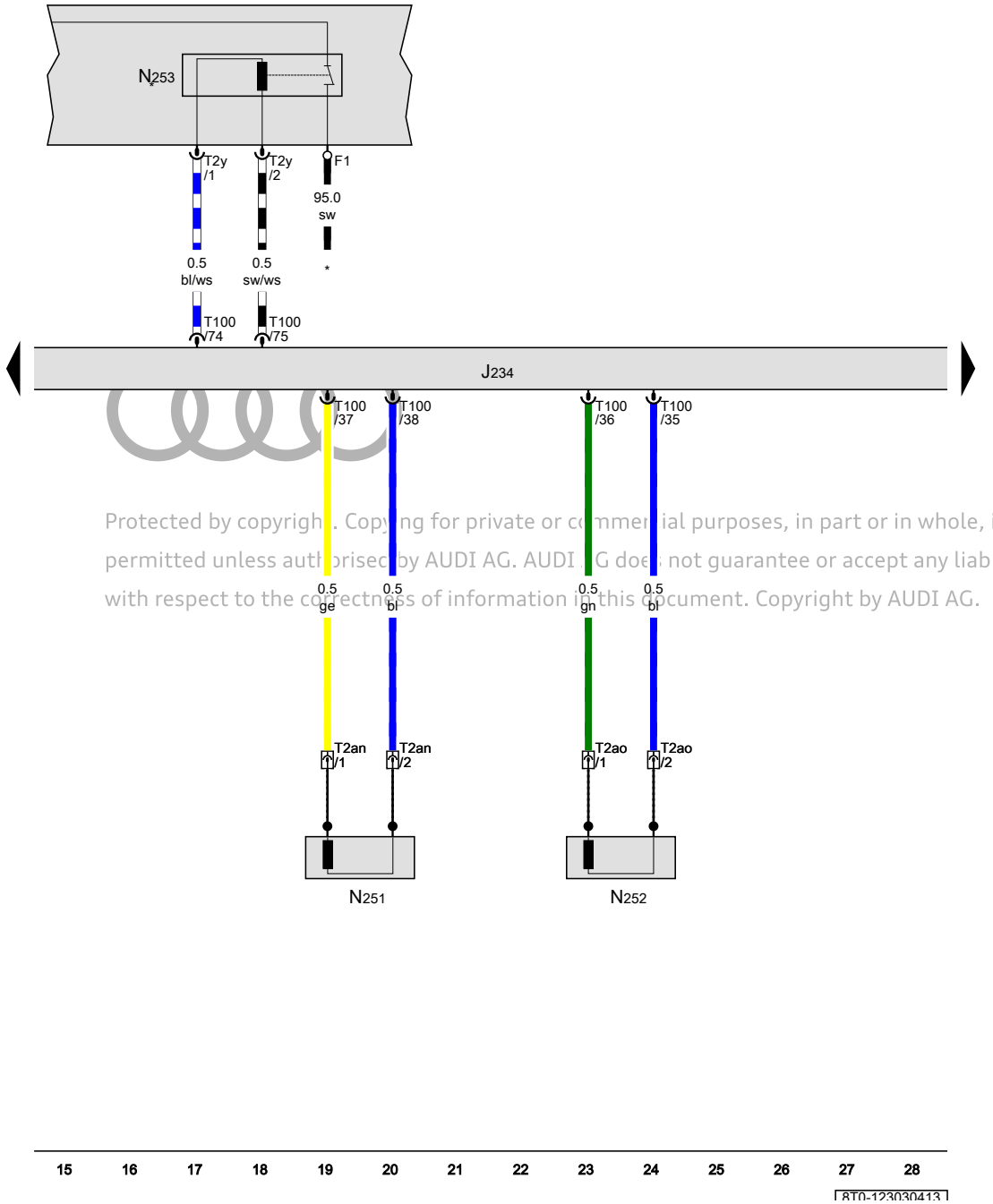


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vi = purple
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Airbag coil connector and return ring with slip ring, Airbag control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Front passenger side airbag igniter 2, Driver side airbag igniter 2

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
N250	Driver side airbag igniter 2
ST1	Fuse carrier 1
SC13	Fuse 13 on fuse holder C
T2bh	2-pin connector, green
T2cl	2-pin connector, black
T4ac	4-pin connector
T10n	10-pin connector, black
T17x	17-pin connector, yellow
T100	100-pin connector
B163	Positive connection 1 (15), in interior wiring harness
*	If fitted
*2	see applicable current flow diagram for fuse assignment
*3	Earth supply via housing from airbag control unit

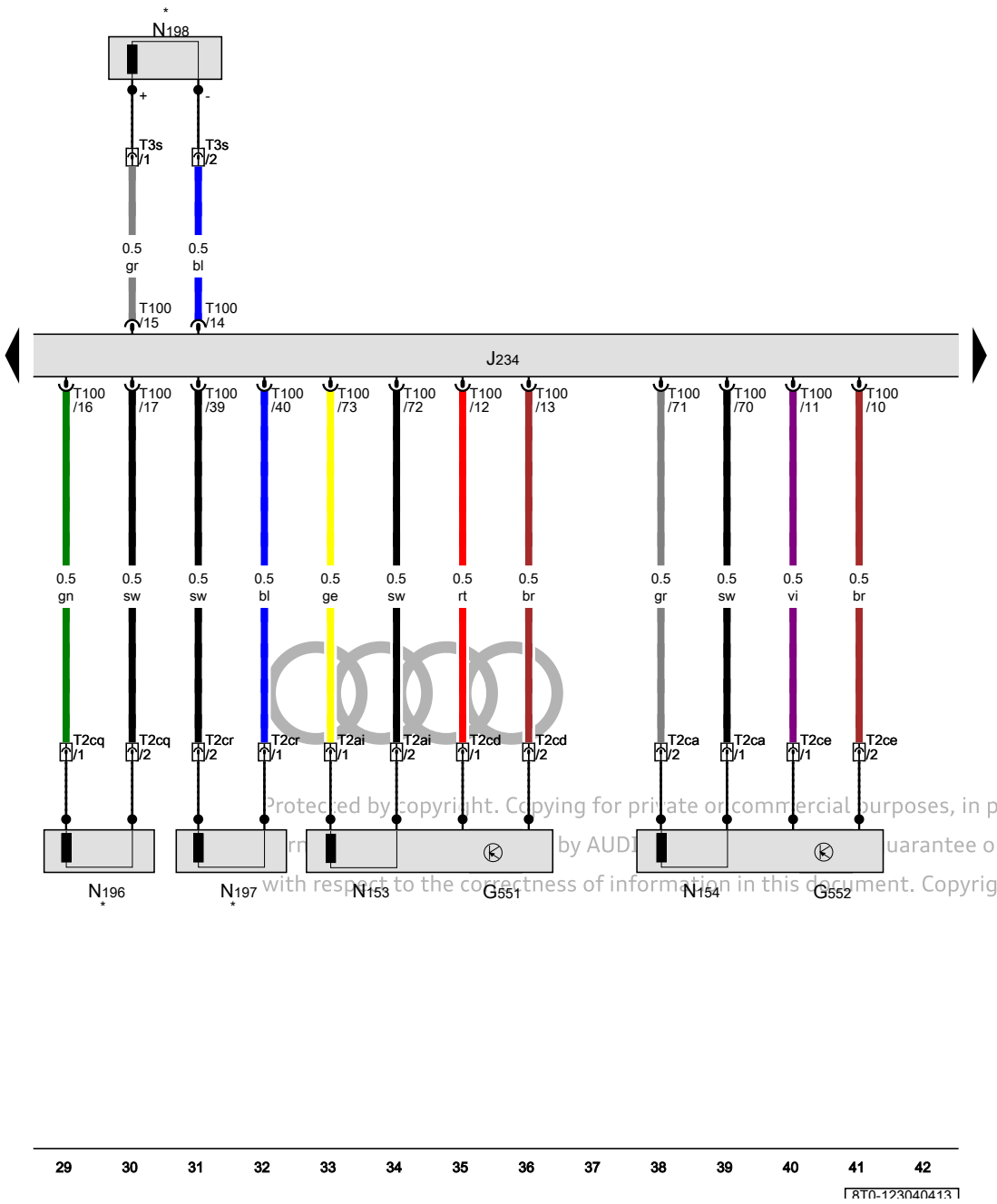


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Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Battery isolation igniter

J234	Airbag control unit
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
N253	Battery isolation igniter
T2an	2-pin connector, blue
T2ao	2-pin connector, blue
T2y	2-pin connector
T100	100-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
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



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, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on front passenger side, Rear centre belt tensioner igniter

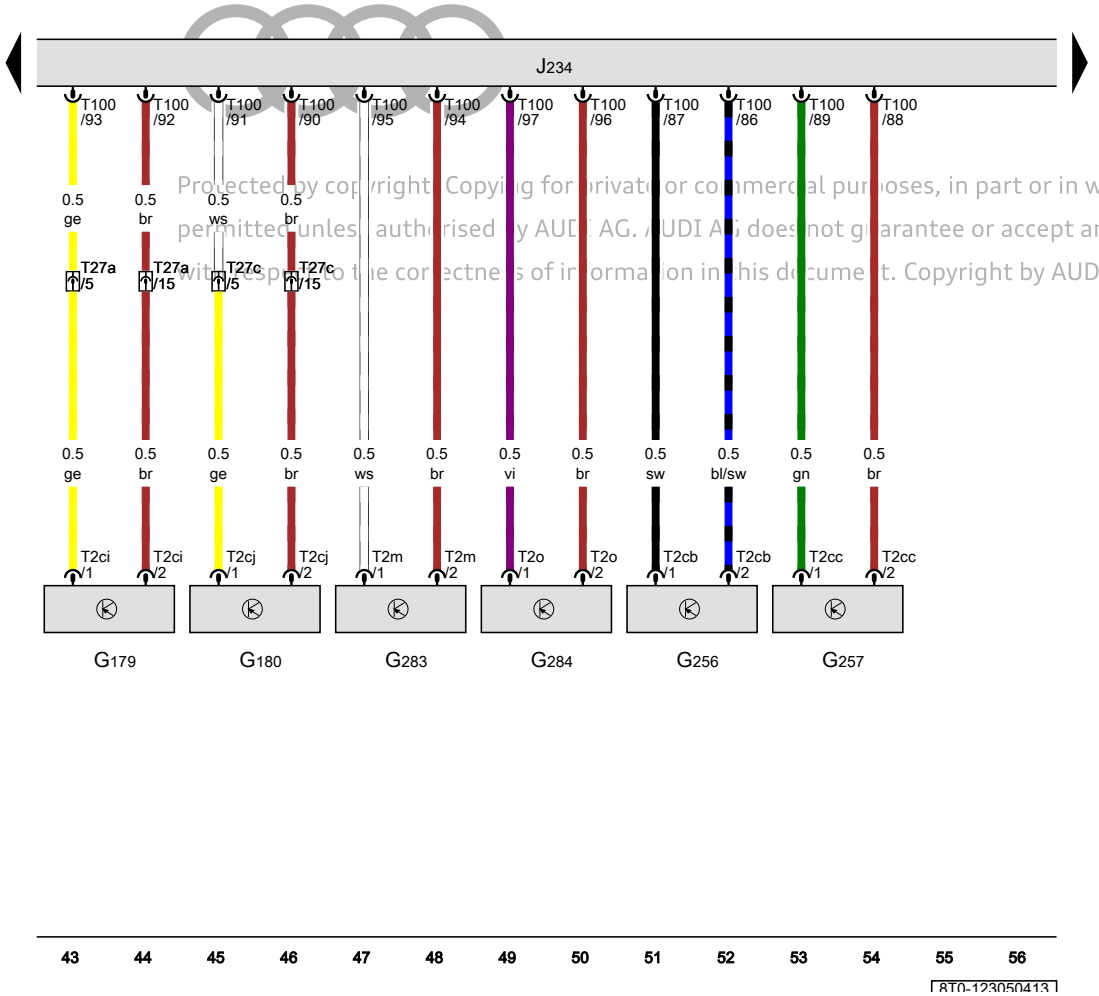
G551	Driver side belt force limiter
G552	Front passenger side belt force limiter
J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N196	Rear belt tensioner igniter on driver side
N197	Rear belt tensioner igniter on front passenger side
N198	Rear centre belt tensioner igniter
T2ai	2-pin connector, black
T2ca	2-pin connector, black
T2cd	2-pin connector, yellow
T2ce	2-pin connector, yellow
T2cq	2-pin connector, green
T2cr	2-pin connector, green
T3s	3-pin connector, yellow
T100	100-pin connector
*	Special equipment

ws	=	white
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rt	=	red
br	=	brown
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rs	=	pink

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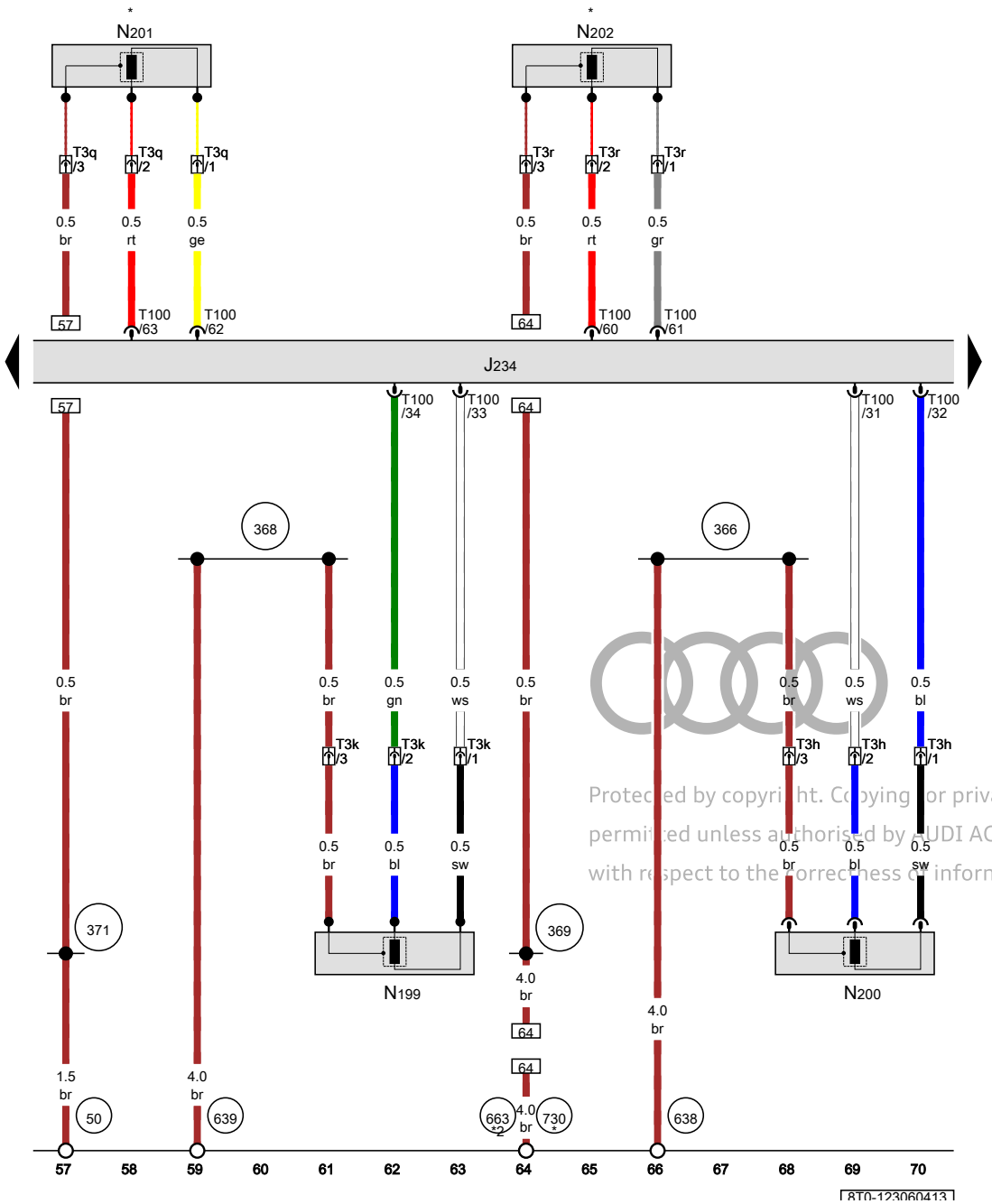
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control 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 front passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit
T2cb	2-pin connector
T2cc	2-pin connector
T2ci	2-pin connector
T2cj	2-pin connector
T2m	2-pin connector
T2o	2-pin connector
T27a	27-pin connector, lower part of A-pillar, driver side
T27c	27-pin connector, lower part of A-pillar, front passenger side
T100	100-pin connector



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Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

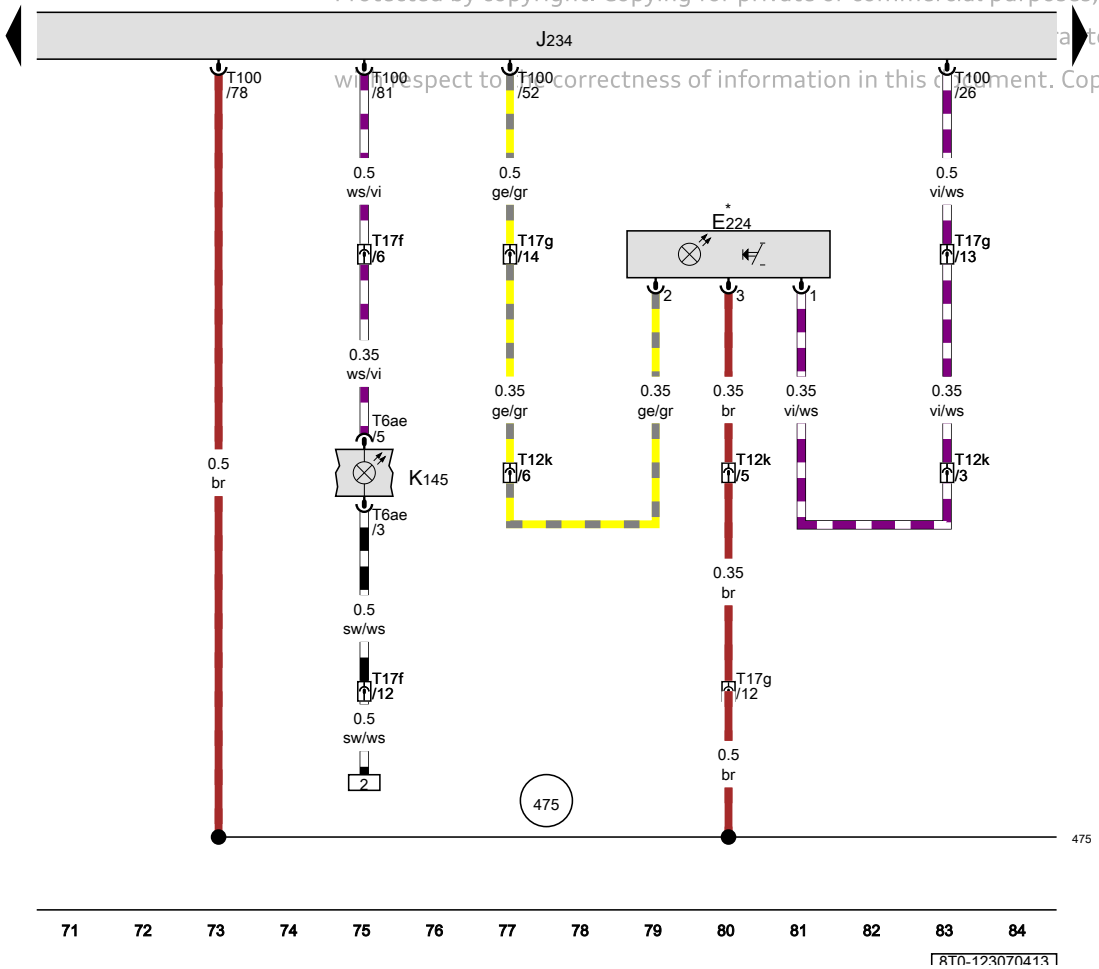
J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T3h	3-pin connector, yellow
T3k	3-pin connector, yellow
T3q	3-pin connector, yellow
T3r	3-pin connector, yellow
T100	100-pin connector
50	Earth point, on left in luggage compartment
366	Earth connection 1, in main wiring harness
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with 2-doors

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Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
T6ae	6-pin connector
T12k	12-pin connector, near glove compartment
T17f	17-pin connector, brown
T17g	17-pin connector, black
T100	100-pin connector
475	Earth connection (airbag), in main wiring harness
*	Only models with key operated switch to deactivate front passenger airbag

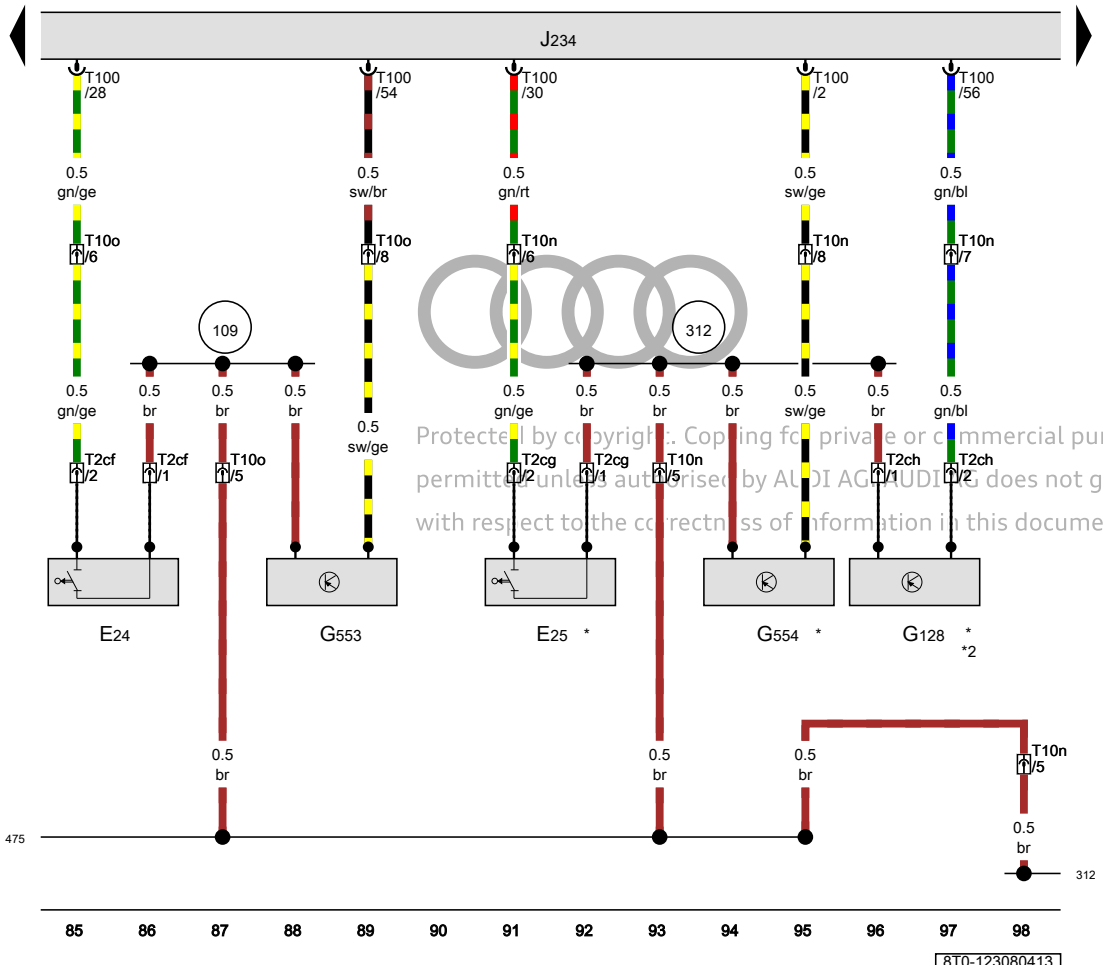
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Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Driver side seat position sensor, Front passenger side seat position sensor, Airbag control unit

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G553	Driver side seat position sensor
G554	Front passenger side seat position sensor
J234	Airbag control unit
T2cf	2-pin connector, black
T2cg	2-pin connector, black
T2ch	2-pin connector, blue
T10n	10-pin connector, black
T10o	10-pin connector, black
T100	100-pin connector
109	Earth connection, in airbag wiring harness
312	Earth connection 2, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness
*	Only models with no US equipment
*2	Special equipment

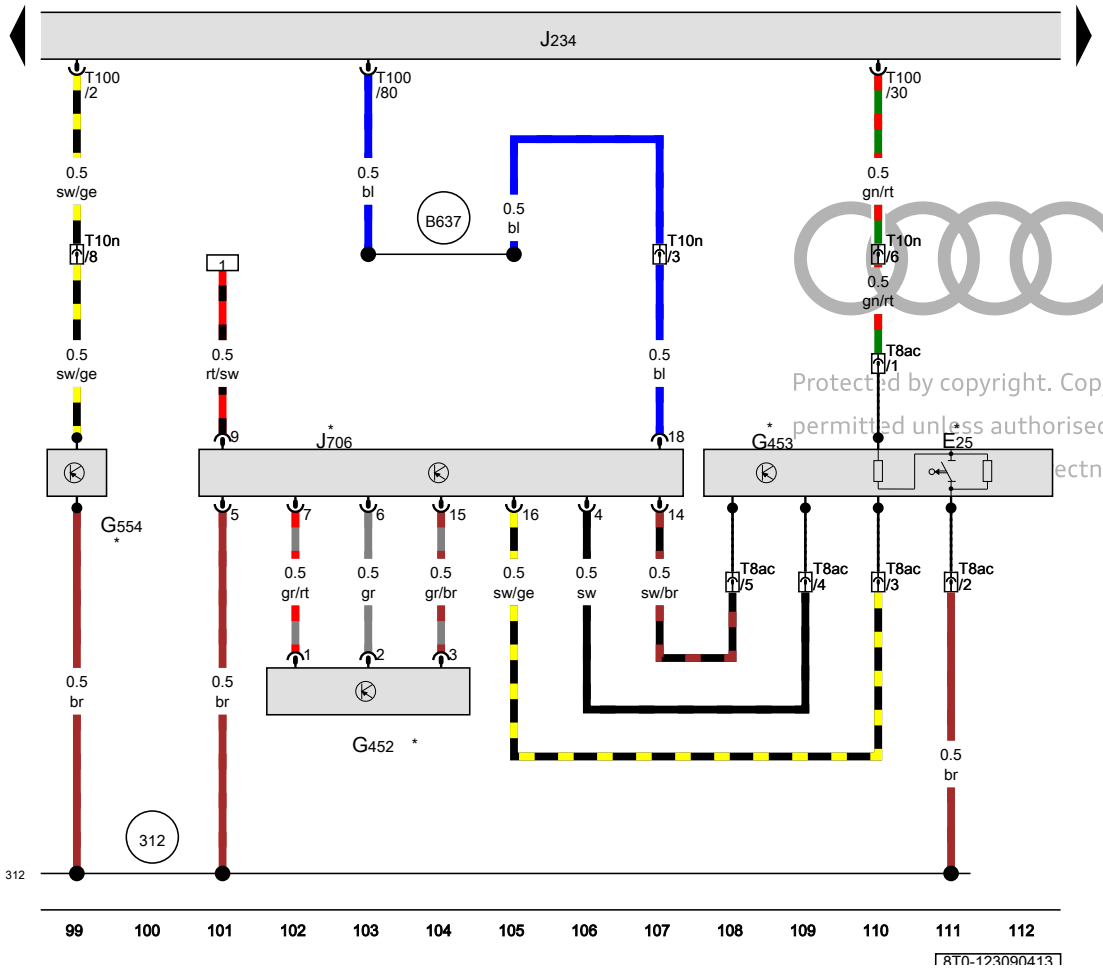


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Front passenger side belt switch, Pressure sensor for seat occupied recognition, Seat belt force sensor for seat occupied recognition, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit

E25	Front passenger side belt switch
G452	Pressure sensor for seat occupied recognition
G453	Seat belt force sensor for seat occupied recognition
G554	Front passenger side seat position sensor
J234	Airbag control unit
J706	Seat occupied recognition control unit
T8ac	8-pin connector
T10n	10-pin connector, black
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
B637	Connection 1 (airbag), in main wiring harness
*	Special equipment

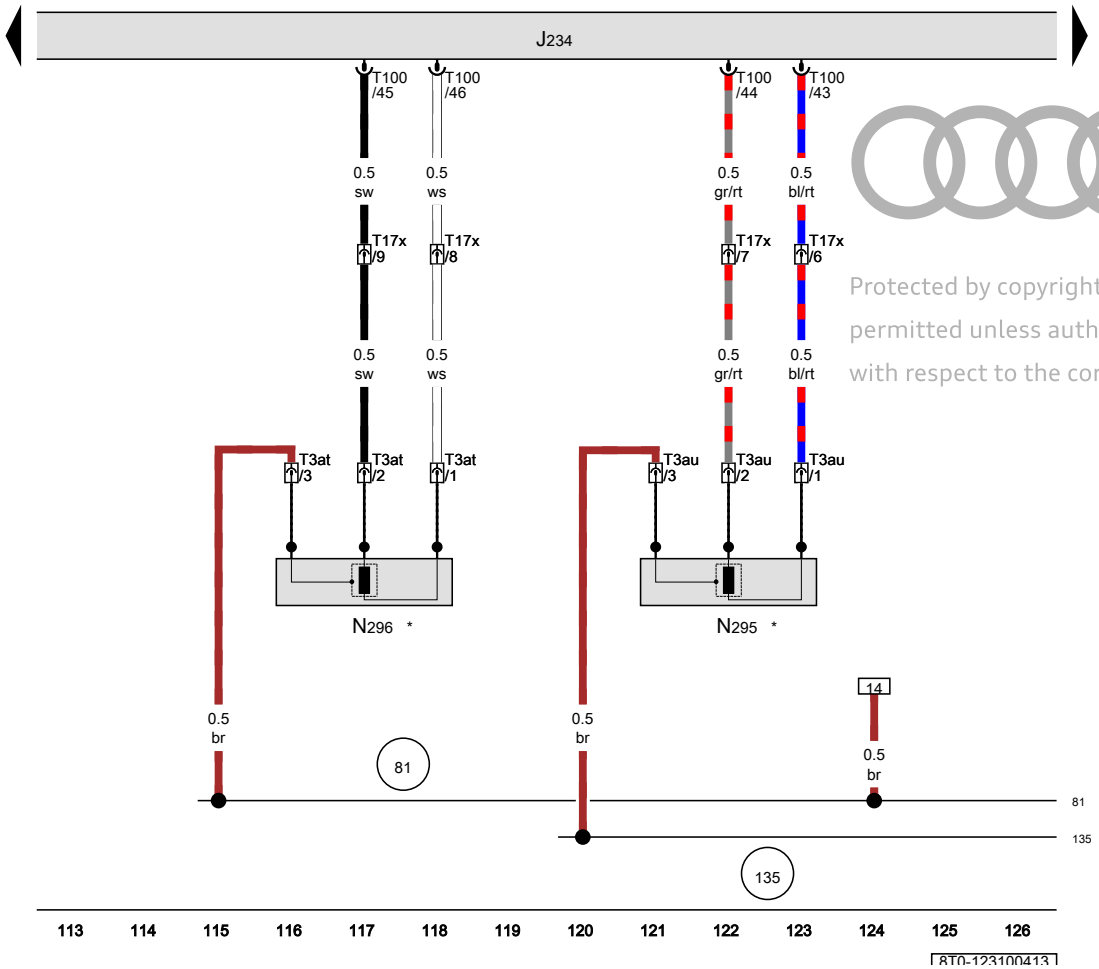


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Airbag control unit, Driver side knee airbag igniter, Front passenger side knee airbag igniter

J234	Airbag control unit
N295	Driver side knee airbag igniter
N296	Front passenger side knee airbag igniter
T3at	3-pin connector, yellow
T3au	3-pin connector, yellow
T17x	17-pin connector, yellow
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
*	Special equipment

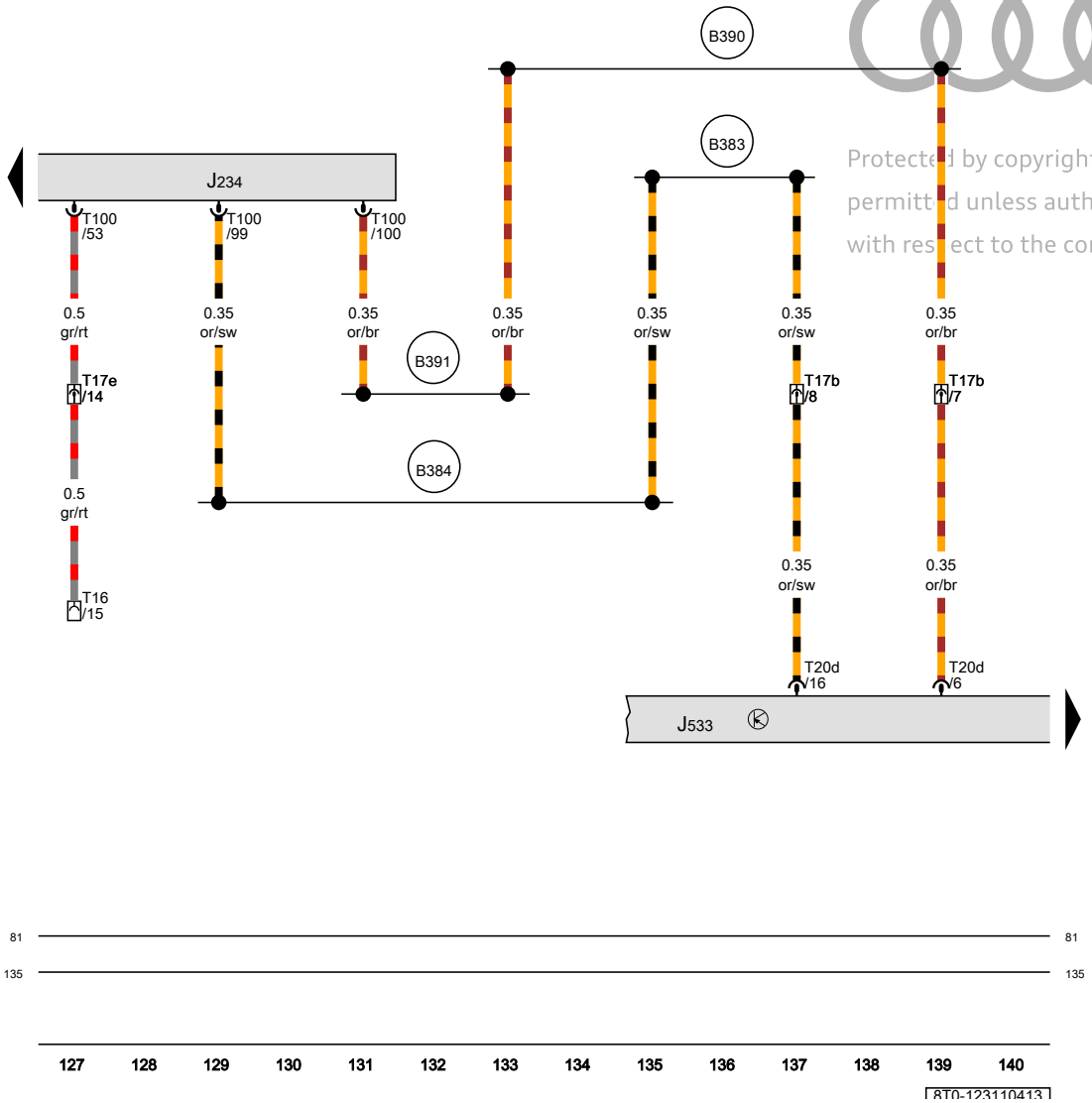


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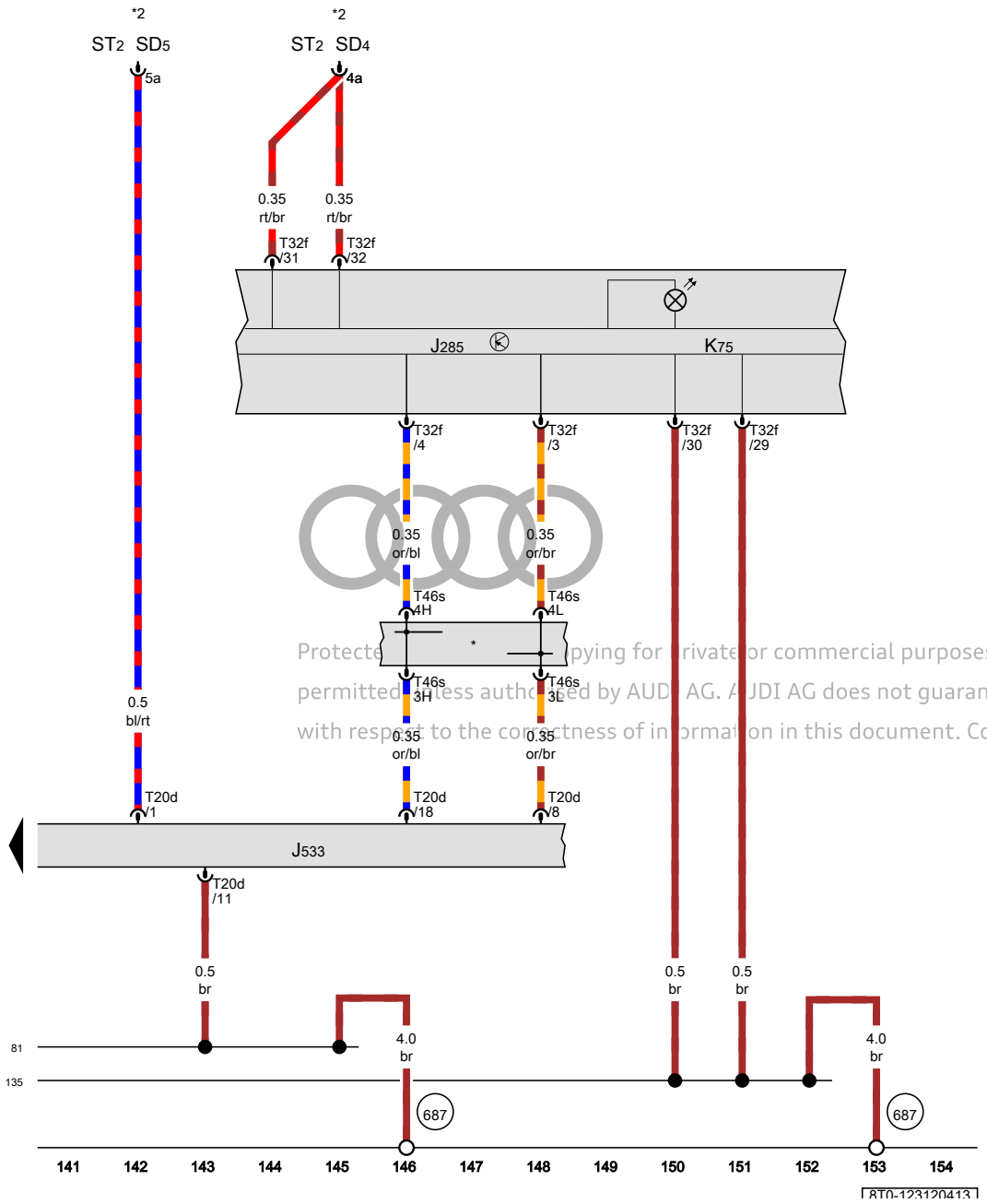
Airbag control unit, Data bus diagnostic interface

J234	Airbag control unit
J533	Data bus diagnostic interface
T16	16-pin connector, on diagnostic connection
T17b	17-pin connector, blue
T17e	17-pin connector, red
T20d	20-pin connector
T100	100-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness



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Control unit in dash panel insert, Data bus diagnostic interface, Airbag warning lamp

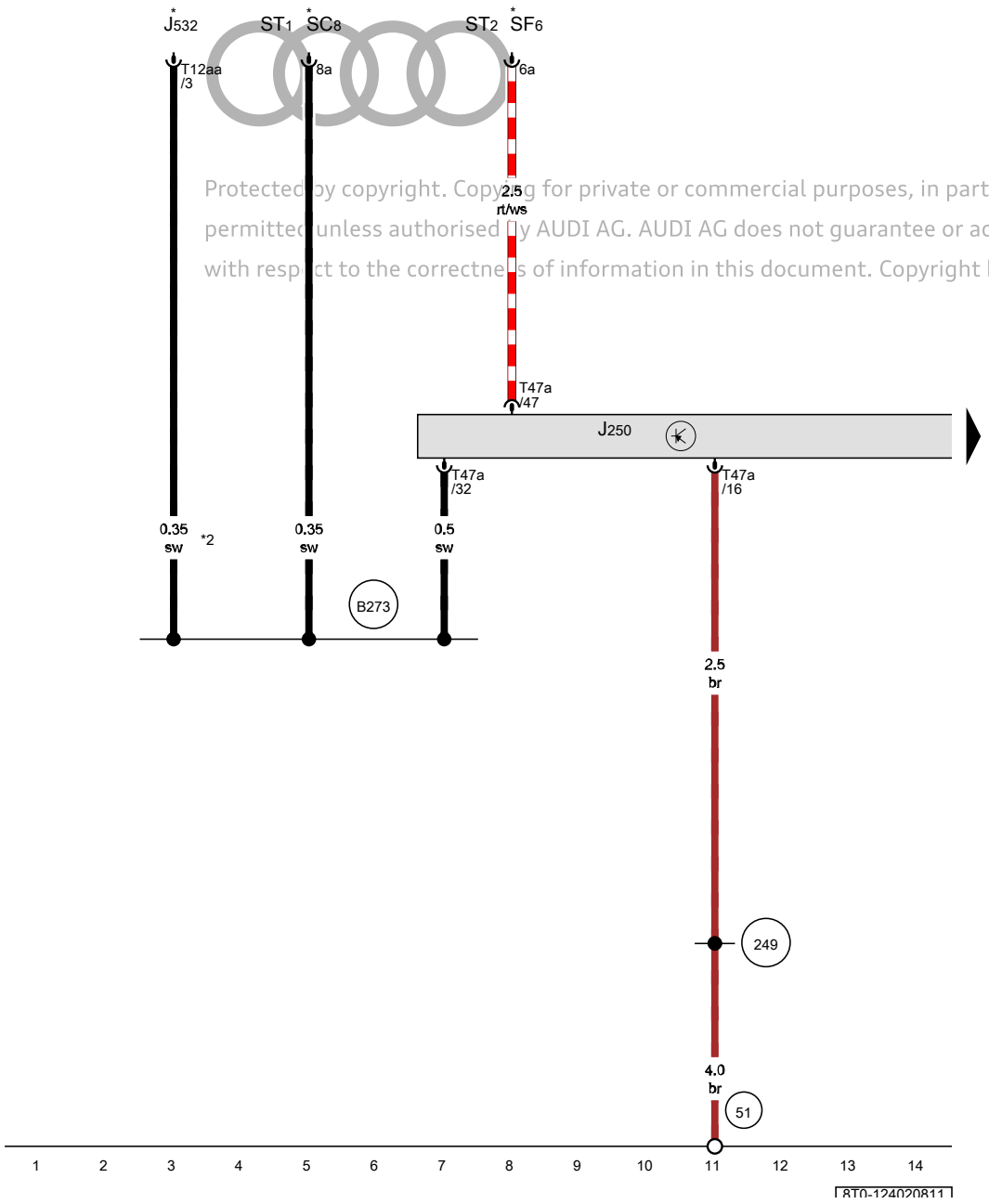
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K75	Airbag warning lamp
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment

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Automatic adaptive suspension, adjustable dampers

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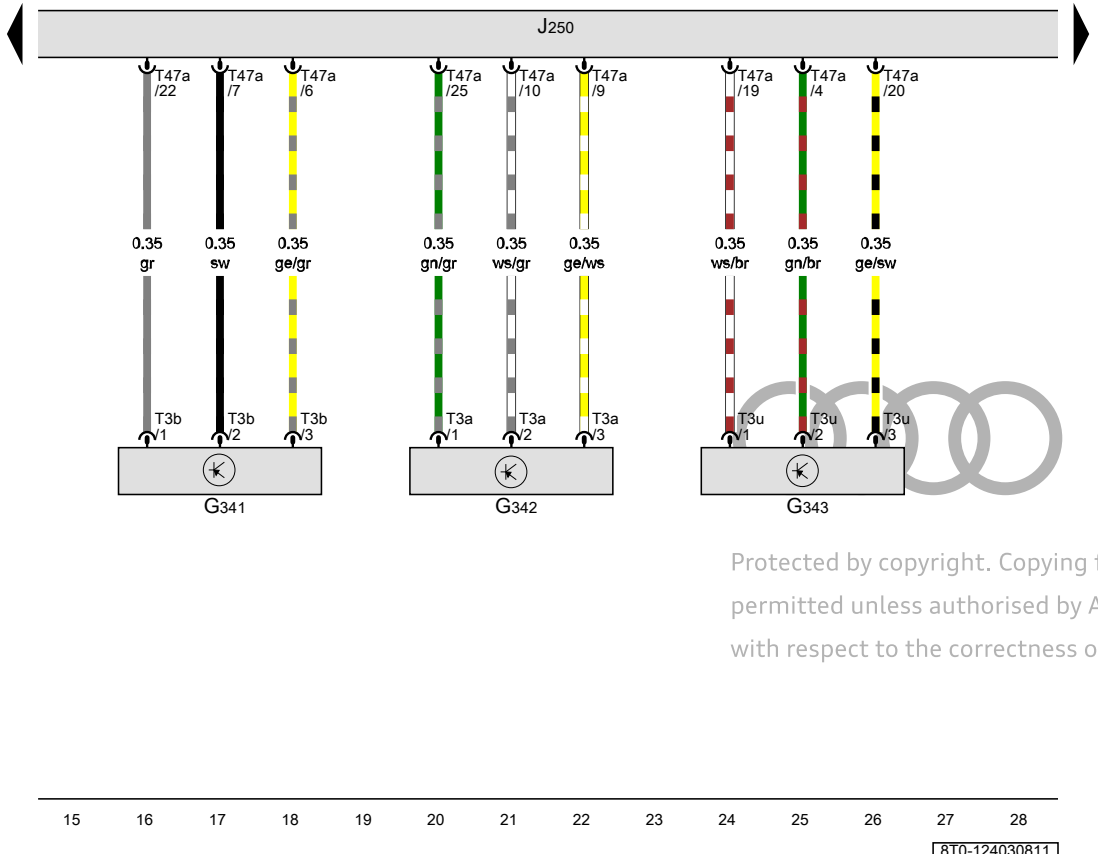
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Electronically controlled damping control unit

J250	Electronically controlled damping control unit
J532	Voltage stabiliser
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF6	Fuse 6 in fuse holder F
SC8	Fuse 8 on fuse holder C
T12aa	12-pin connector
T47a	47-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system

Front left body acceleration sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit

G341	Front left body acceleration sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3a	3-pin connector
T3b	3-pin connector
T3u	3-pin connector
T47a	47-pin connector

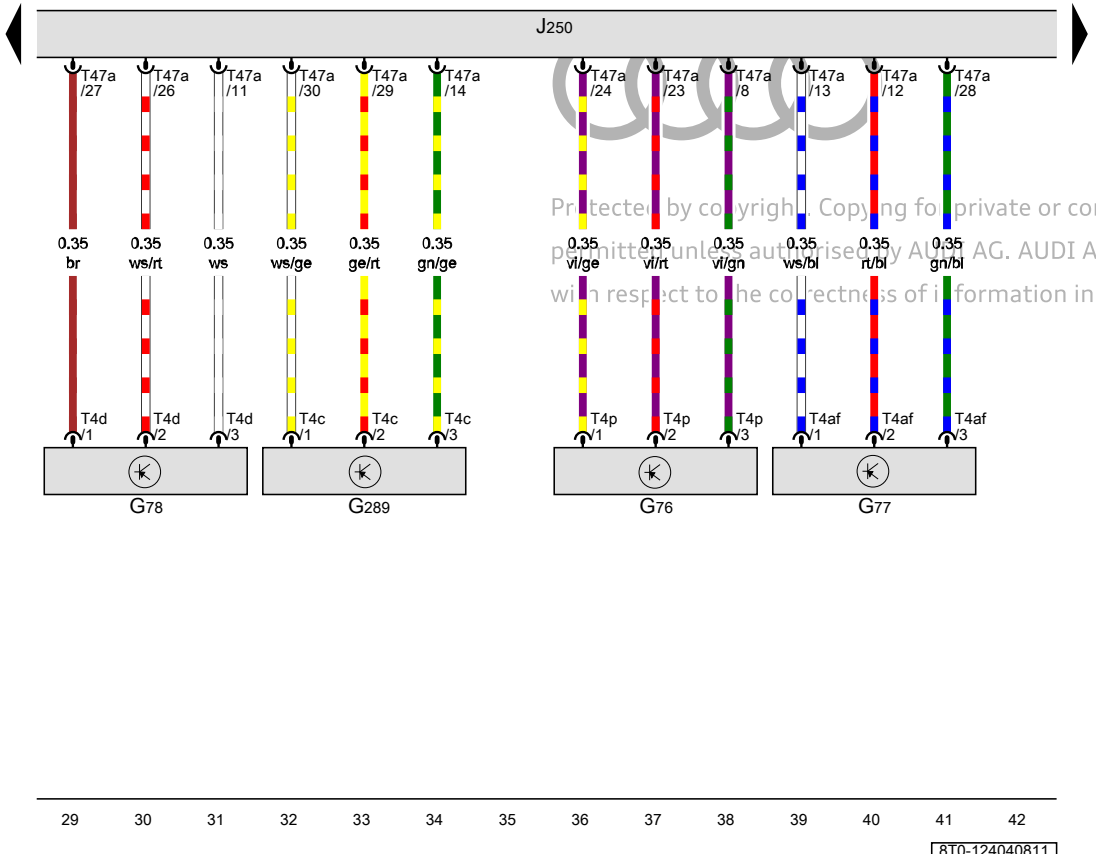


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Rear left vehicle level sender, Rear right vehicle level sender, Front left vehicle level sender, Front right vehicle level sender, Electronically controlled damping control unit

G76	Rear left vehicle level sender
G77	Rear right vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
J250	Electronically controlled damping control unit
T4af	4-pin connector
T4c	4-pin connector
T4d	4-pin connector
T4p	4-pin connector
T47a	47-pin connector

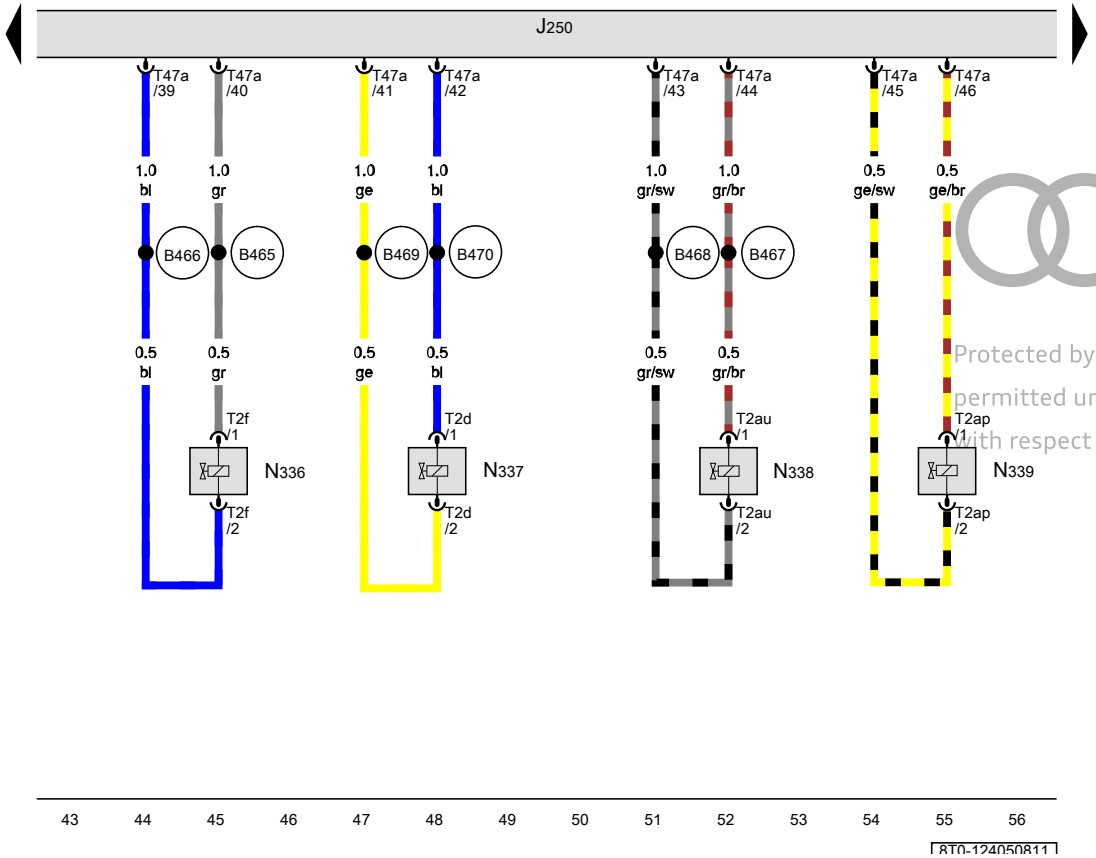


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Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

J250	Electronically controlled damping control unit
N336	Front left shock absorber damping adjustment valve
N337	Front right shock absorber damping adjustment valve
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T2ap	2-pin connector
T2au	2-pin connector
T2d	2-pin connector
T2f	2-pin connector
T47a	47-pin connector
B465	Connection 1, in main wiring harness
B466	Connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness



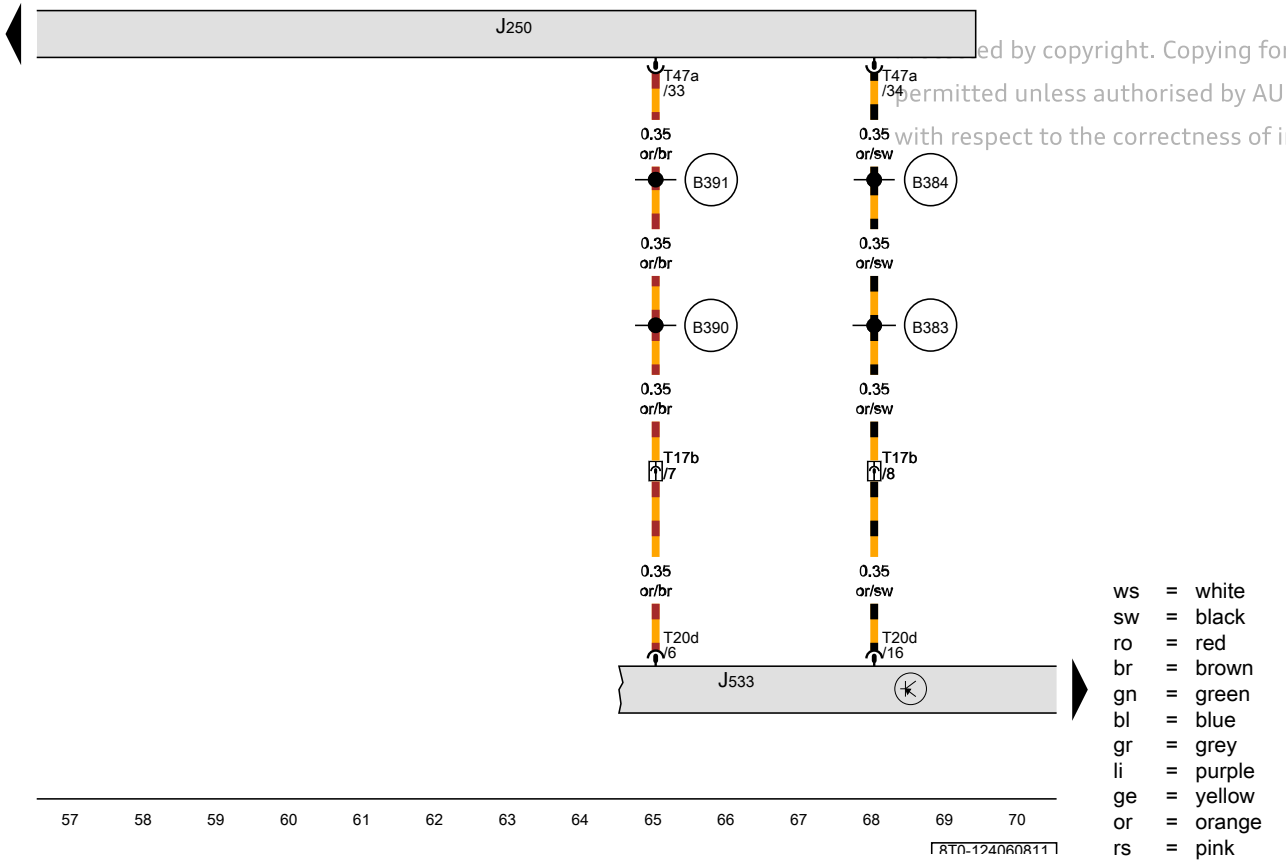
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Electronically controlled damping control unit, Data bus diagnostic interface

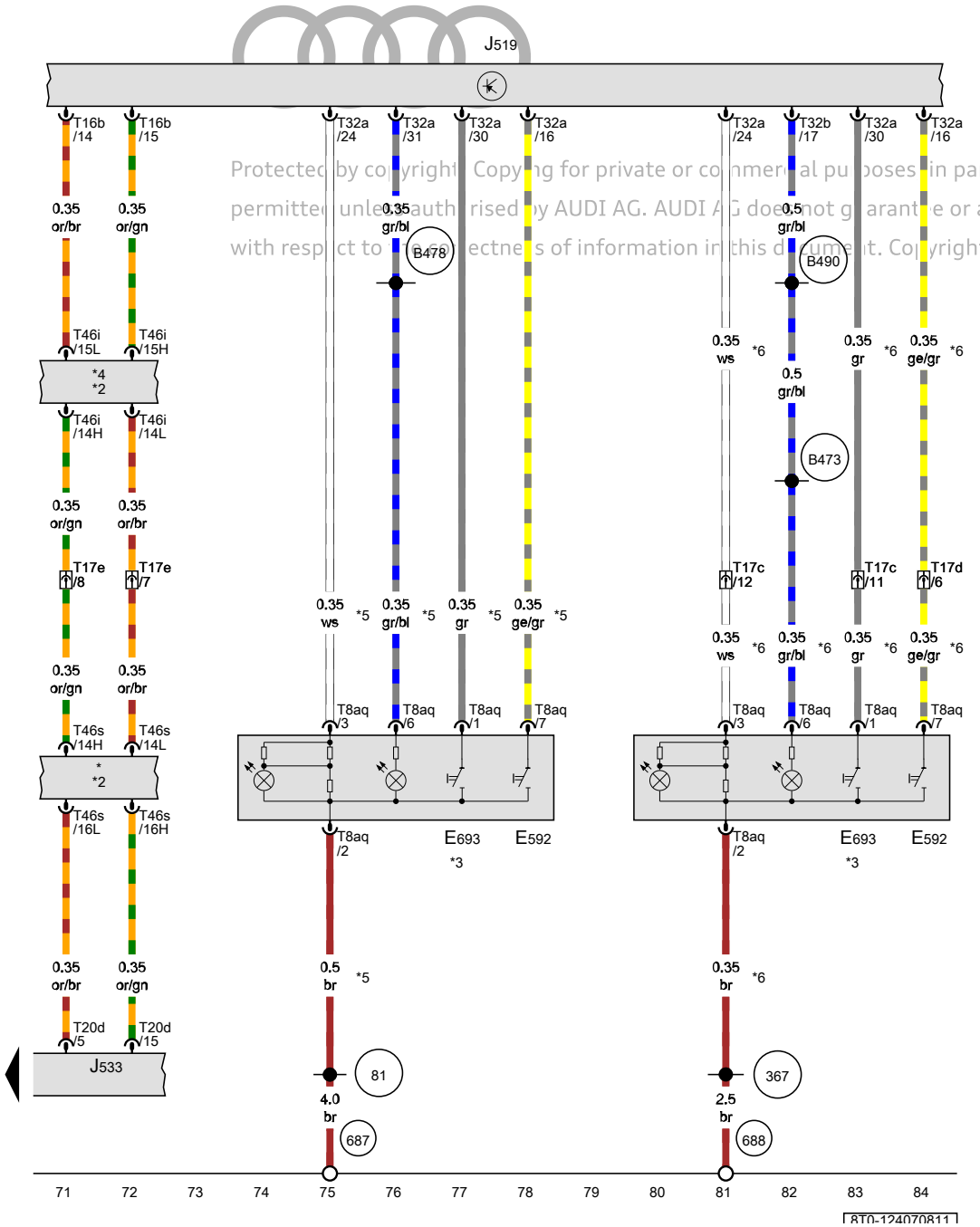
J250 Electronically controlled damping control unit
J533 Data bus diagnostic interface
T17b 17-pin connector, blue
T20d 20-pin connector
T47a 47-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
B391 Connection 2 (powertrain CAN bus, low), in main wiring harness



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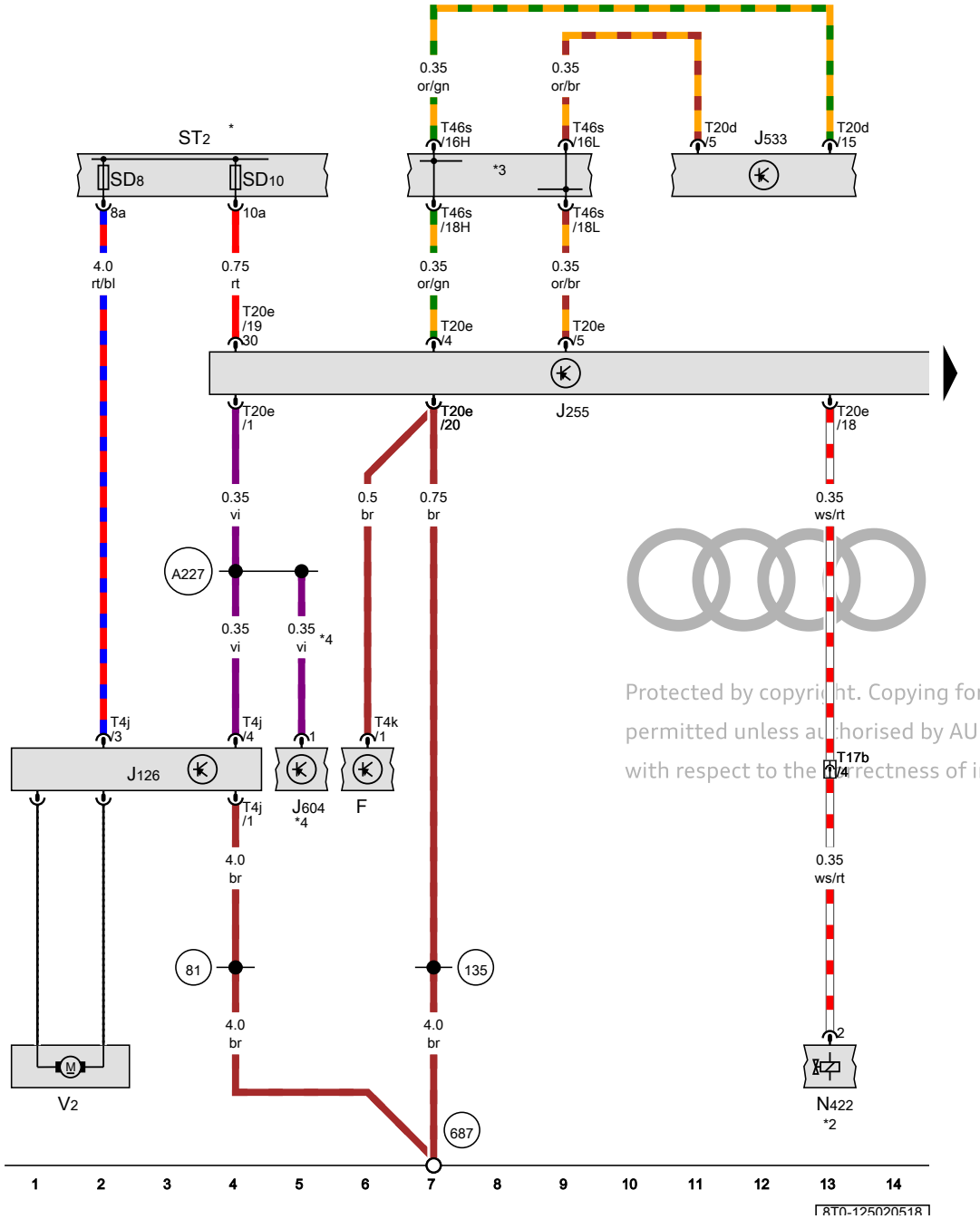
Switch module for driving mode selection, Start/Stop operation button, Onboard supply control unit, Data bus diagnostic interface

E592	Switch module for driving mode selection
E693	Start/Stop operation button
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T8aq	8-pin connector
T16b	16-pin connector
T17c	17-pin connector, black
T17d	17-pin connector, brown
T17e	17-pin connector, red
T20d	20-pin connector
T32a	32-pin connector
T32b	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B478	Connection 14, in main wiring harness
B490	Connection 26, in main wiring harness
*	Front passenger side push-in bridge, brown
*2	see applicable current flow diagram for CAN bus network
*3	Only models with stop/start system
*4	Driver side push-in bridge, brown
*5	Only models with navigation system
*6	Only models with no navigation system

Automatic air conditioning system, luxury Climatronic

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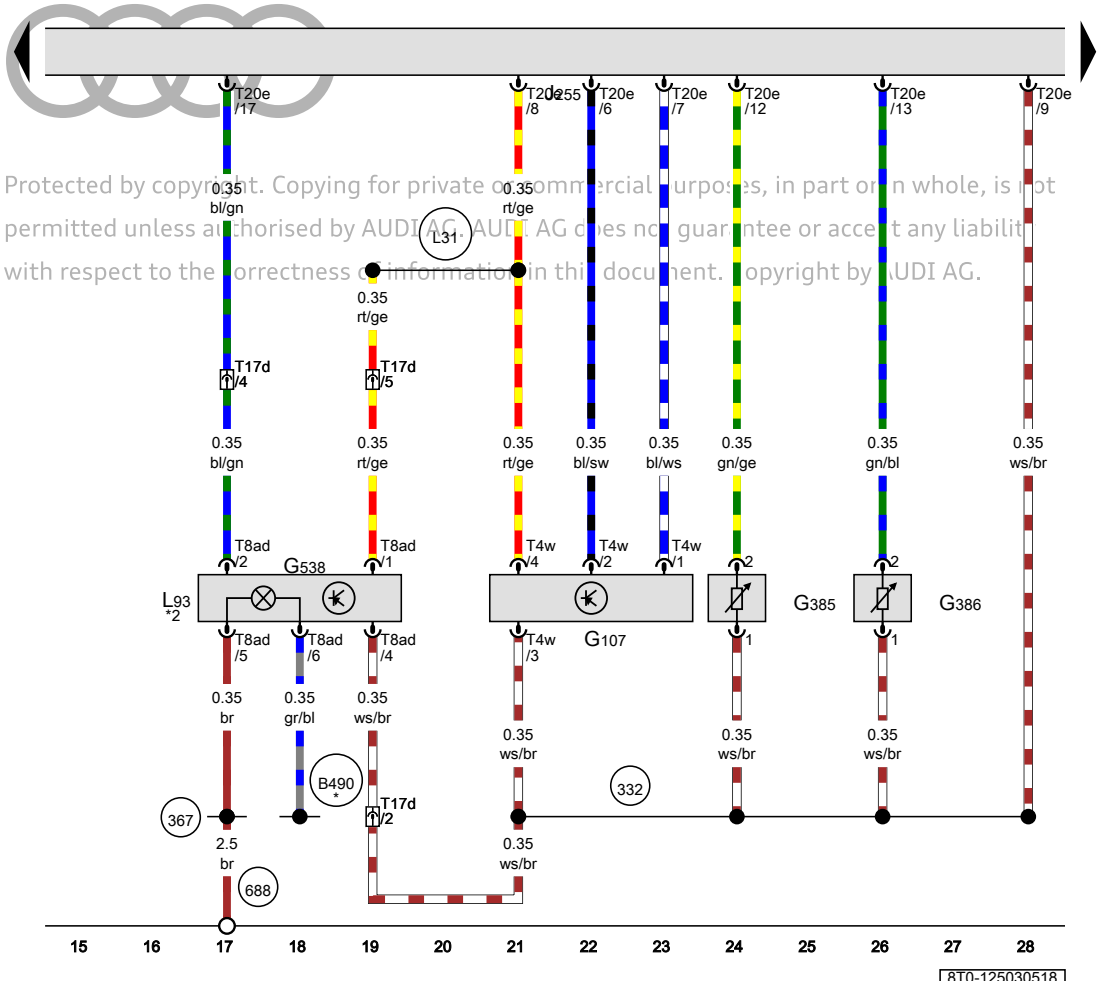
Fresh air blower control unit, Fresh air blower

F	Brake light switch
J126	Fresh air blower control unit
J255	Climatronic control unit
J533	Data bus diagnostic interface
J604	Auxiliary air heater control unit
N422	Climatronic coolant shut-off valve
ST2	Fuse carrier 2
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
T4j	4-pin connector
T4k	4-pin connector
T17b	17-pin connector, blue
T20d	20-pin connector
T20e	20-pin connector
T46s	46-pin connector
V2	Fresh air blower
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for CAN separating connector
*4	For models with Flex Fuel

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Sunlight penetration photosensor, Potentiometer for rear temperature selection

G107	Sunlight penetration photosensor
G385	Front left chest vent temperature sensor
G386	Front right chest vent temperature sensor
G538	Potentiometer for rear temperature selection
J255	Climatronic control unit
L93	Temperature regulating switch illumination bulb
T4w	4-pin connector
T8ad	8-pin connector
T17d	17-pin connector, brown
T20e	20-pin connector
332	Earth connection 4, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B490	Connection 26, in main wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	see applicable current flow diagram for basic equipment
*2	Optional equipment

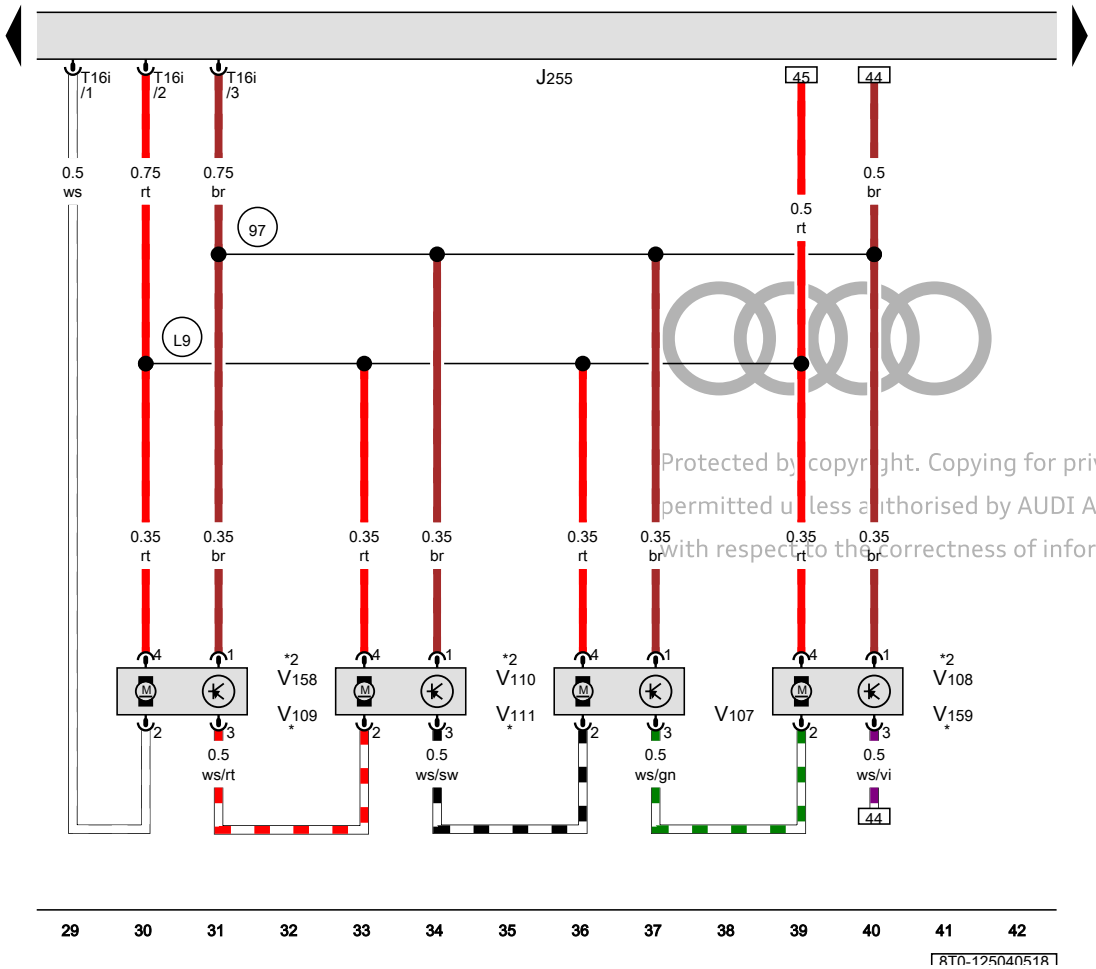


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Defroster flap control motor, Right centre vent control motor

J255	Climatronic control unit
T16i	16-pin connector
V107	Defroster flap control motor
V108	Left footwell flap control motor
V109	Right footwell flap control motor
V110	Left centre vent control motor
V111	Right centre vent control motor
V158	Left temperature flap control motor
V159	Right temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	For right-hand drive models
*2	For left-hand drive models

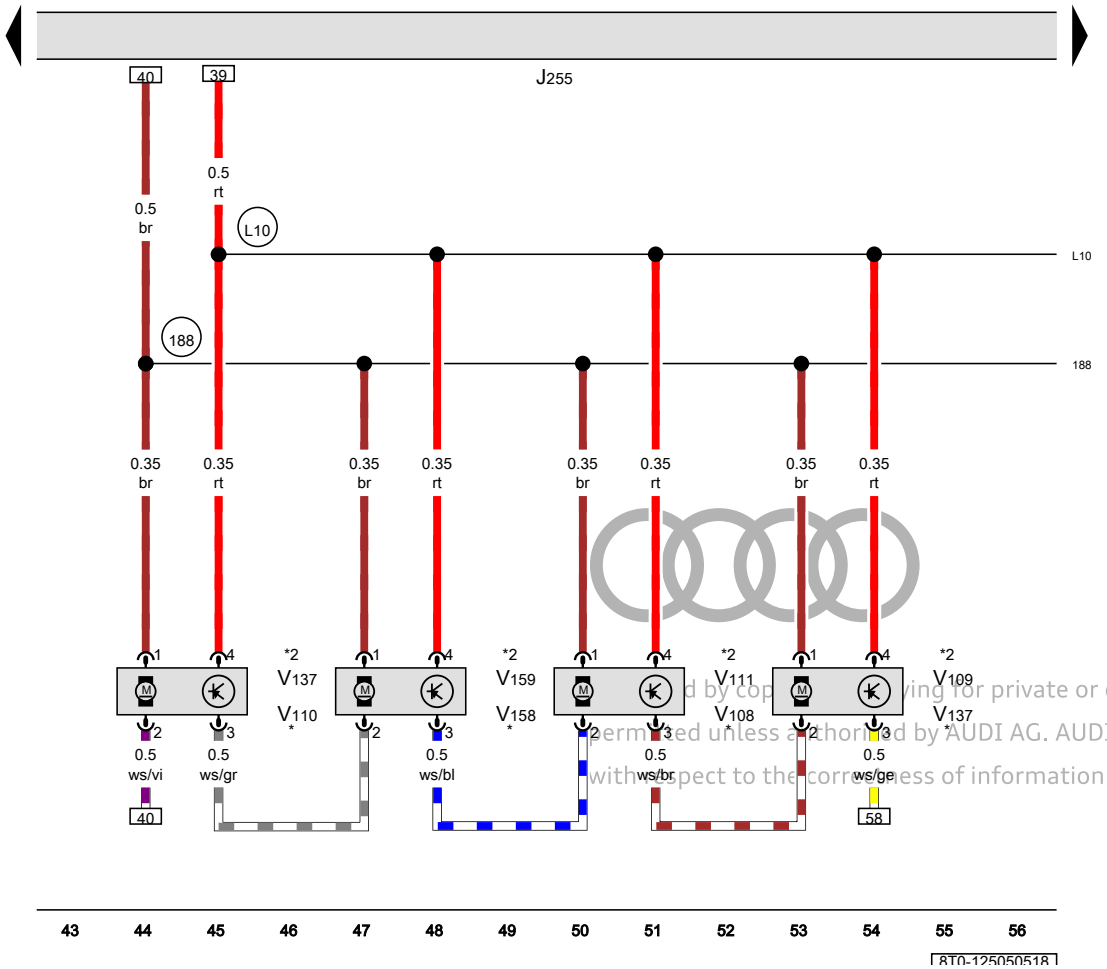


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Left footwell flap control motor, Left temperature flap control motor

J255	Climatronic control unit
V108	Left footwell flap control motor
V109	Right footwell flap control motor
V110	Left centre vent control motor
V111	Right centre vent control motor
V137	Rear temperature flap control motor
V158	Left temperature flap control motor
V159	Right temperature flap control motor
188	Earth connection 3, in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	For right-hand drive models
*2	For left-hand drive models

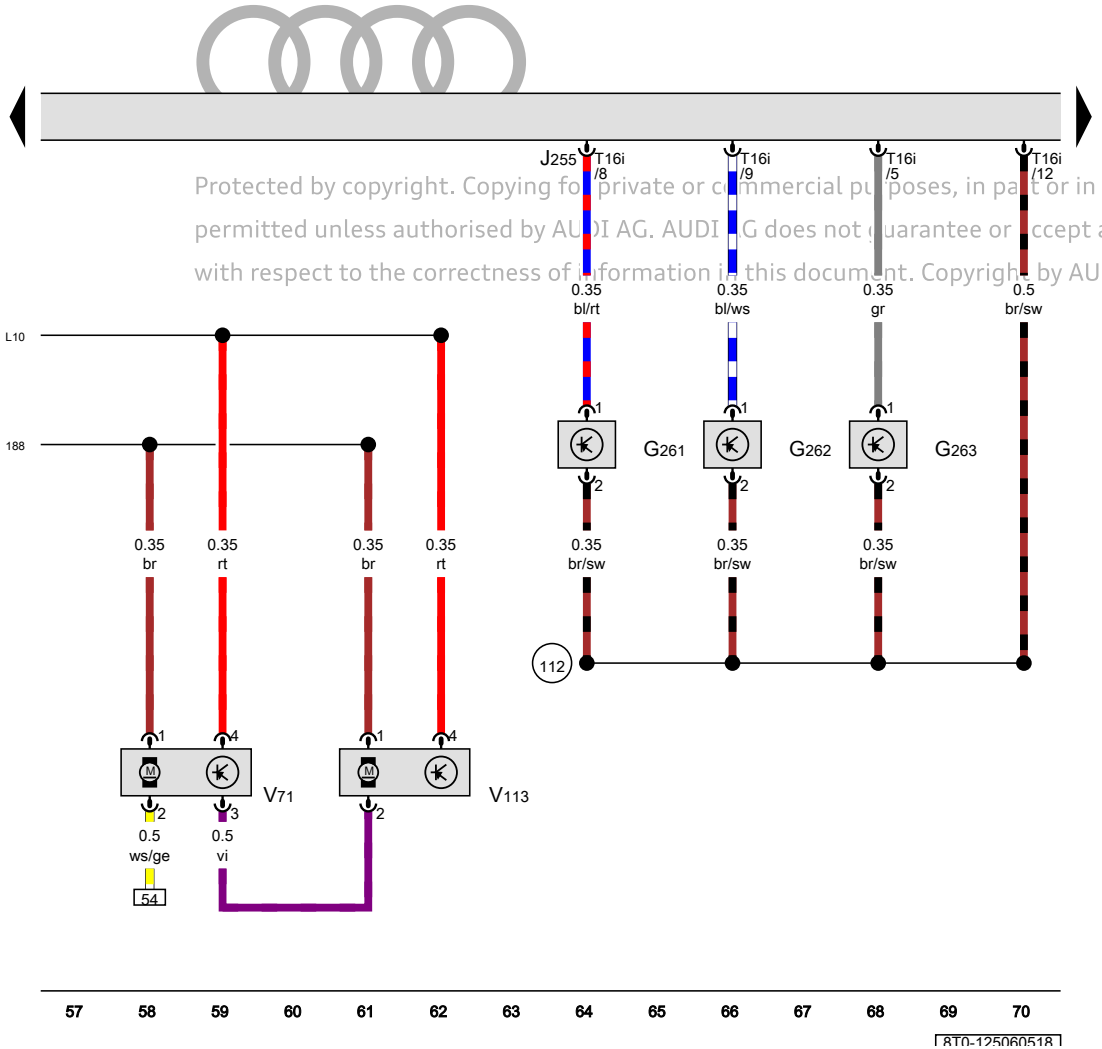


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Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator output temperature sender, Air flow flap control motor, Air recirculation flap control motor

G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T16i	16-pin connector
V71	Air flow flap control motor
V113	Air recirculation flap control motor
112	Earth connection 2, in air conditioning system wiring harness
188	Earth connection 3, in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness

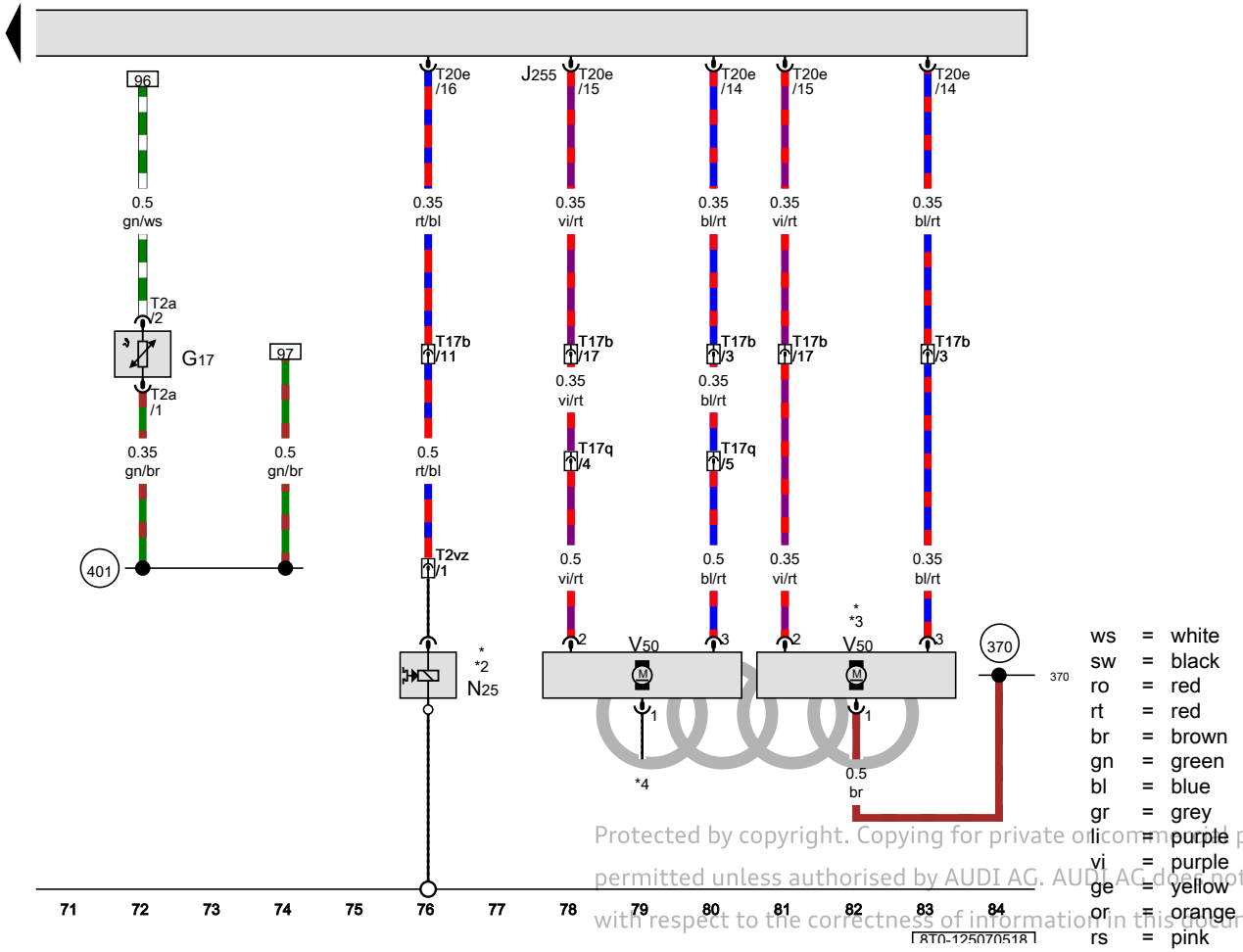


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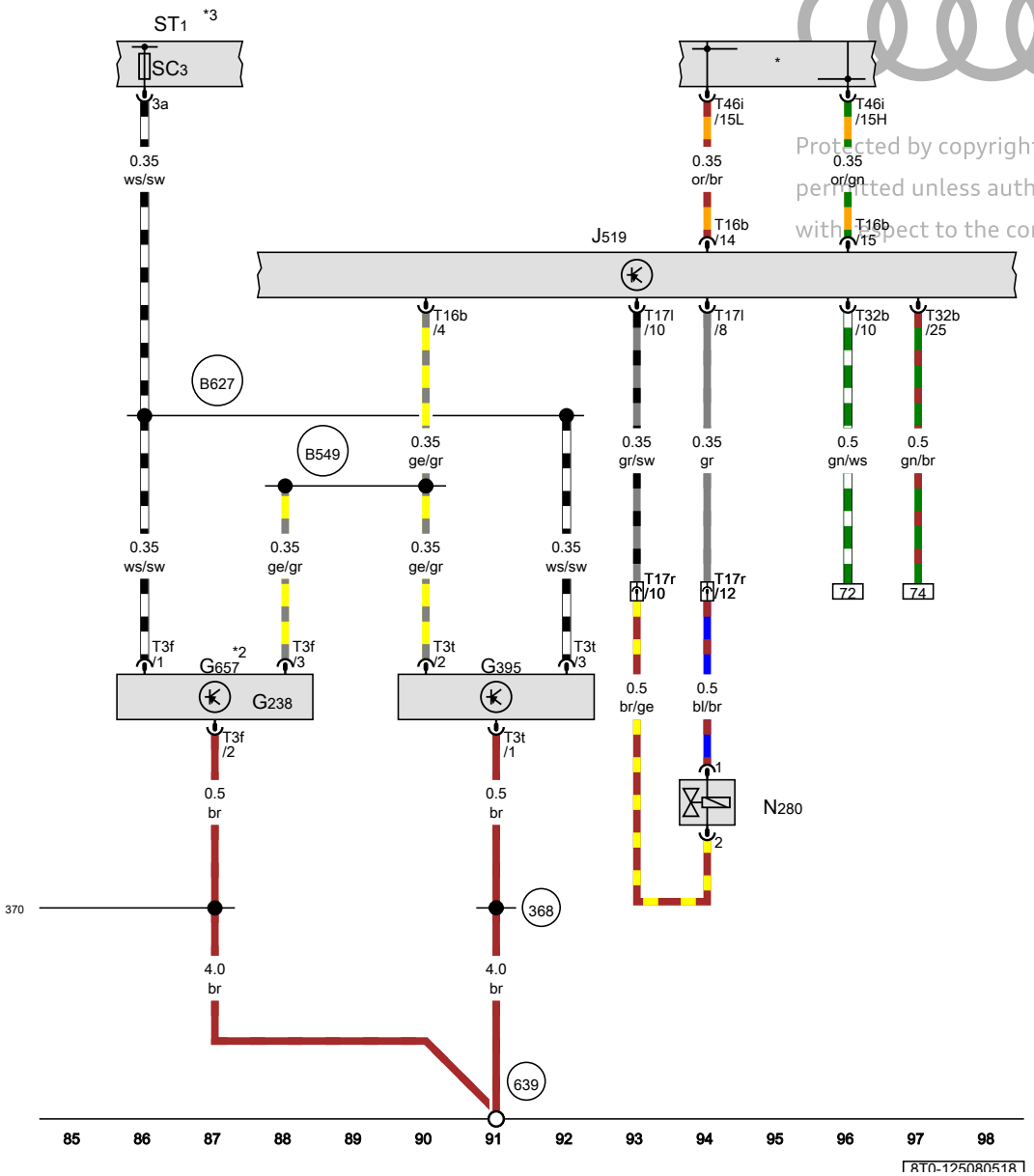
Ambient temperature sensor, Air conditioning system magnetic clutch

G17	Ambient temperature sensor
J255	Climatronic control unit
N25	Air conditioning system magnetic clutch
T2a	2-pin connector
T2vz	2-pin connector, brown
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
V50	Coolant circulation pump
370	Earth connection 5, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
*	For models with diesel engine
*2	For models with 2.0l engine
*3	For models with 6-cylinder engine
*4	see applicable current flow diagram for engine



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Air quality sensor, Refrigerant pressure and temperature sender 1, Humidity sender in fresh air intake duct, Air conditioner compressor regulating valve

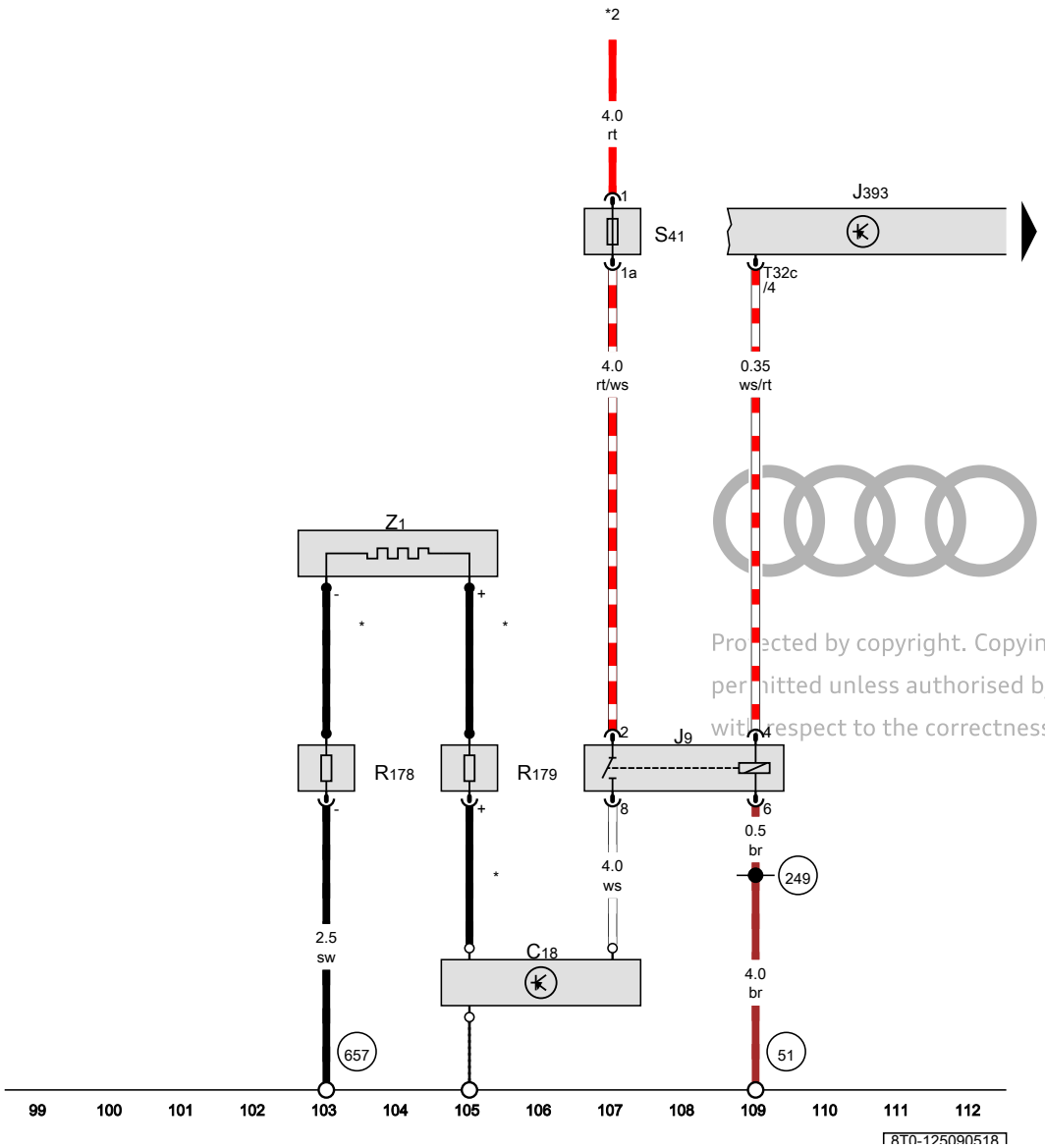
G238	Air quality sensor
G395	Refrigerant pressure and temperature sender 1
G657	Humidity sender in fresh air intake duct
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T3f	3-pin connector, brown
T3t	3-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
T46i	46-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B549	Connection 2 (LIN bus) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	gradual introduction
*3	see applicable current flow diagram for fuse assignment

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Convenience system central control unit, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Heated rear window

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
T32c	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left near rear window
*	Cross section depends on equipment
*2	see applicable current flow diagram for fuse assignment

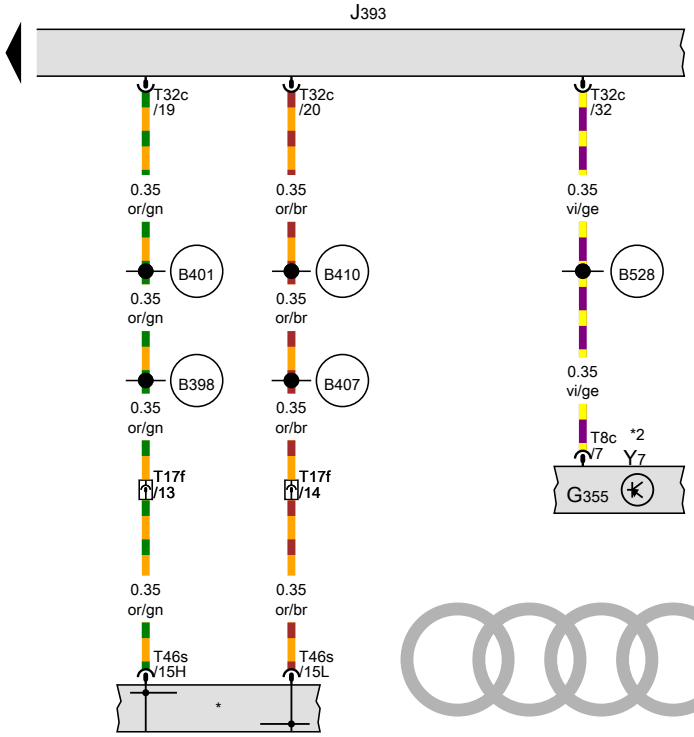


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Humidity sender, Convenience system central control unit, Automatic anti-dazzle interior mirror

G355	Humidity sender
J393	Convenience system central control unit
T8c	8-pin connector
T17f	17-pin connector, brown
T32c	32-pin connector
T46s	46-pin connector
Y7	Automatic anti-dazzle interior mirror
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram



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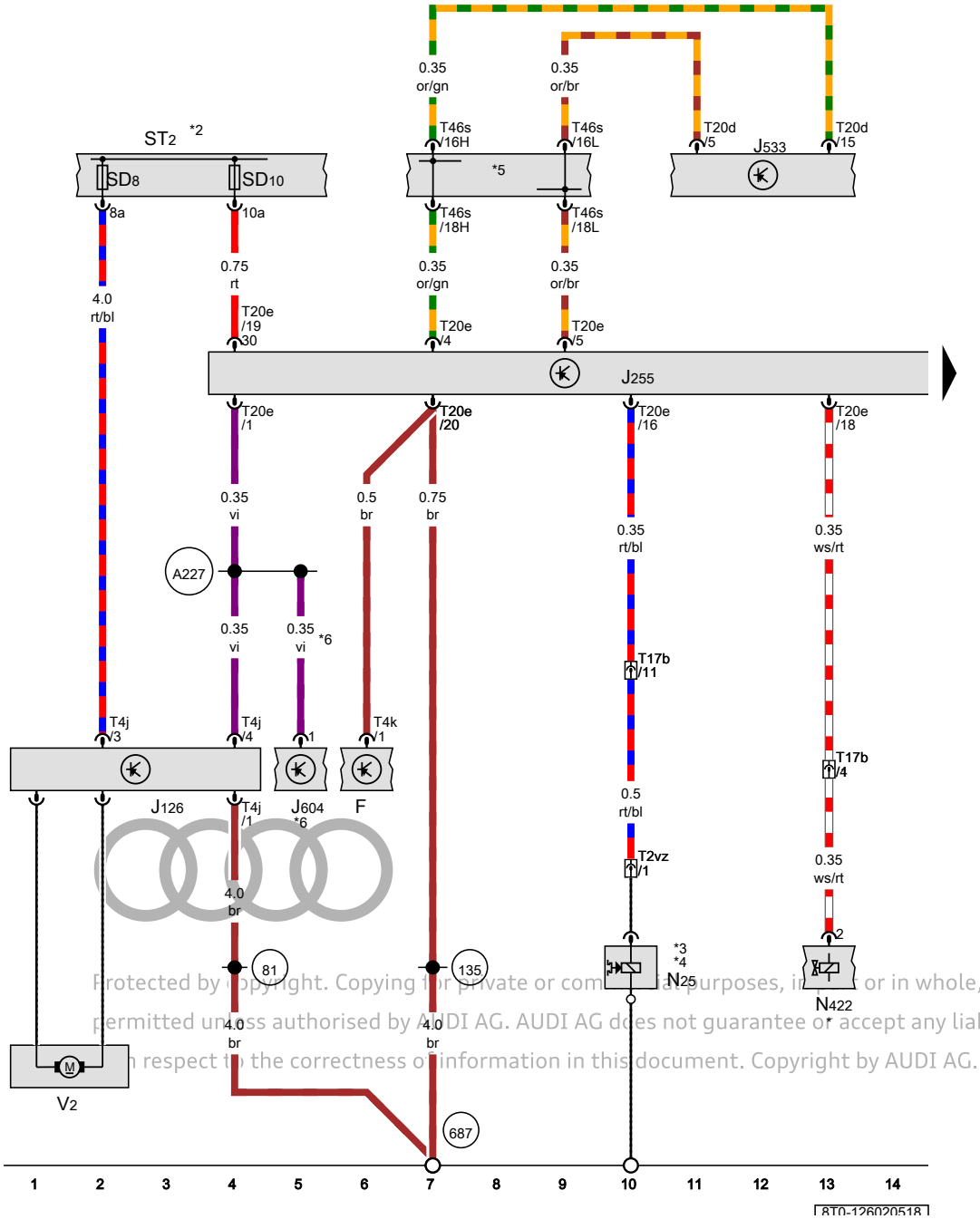
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Automatic air conditioning system, basic Climatronic

From August 2011

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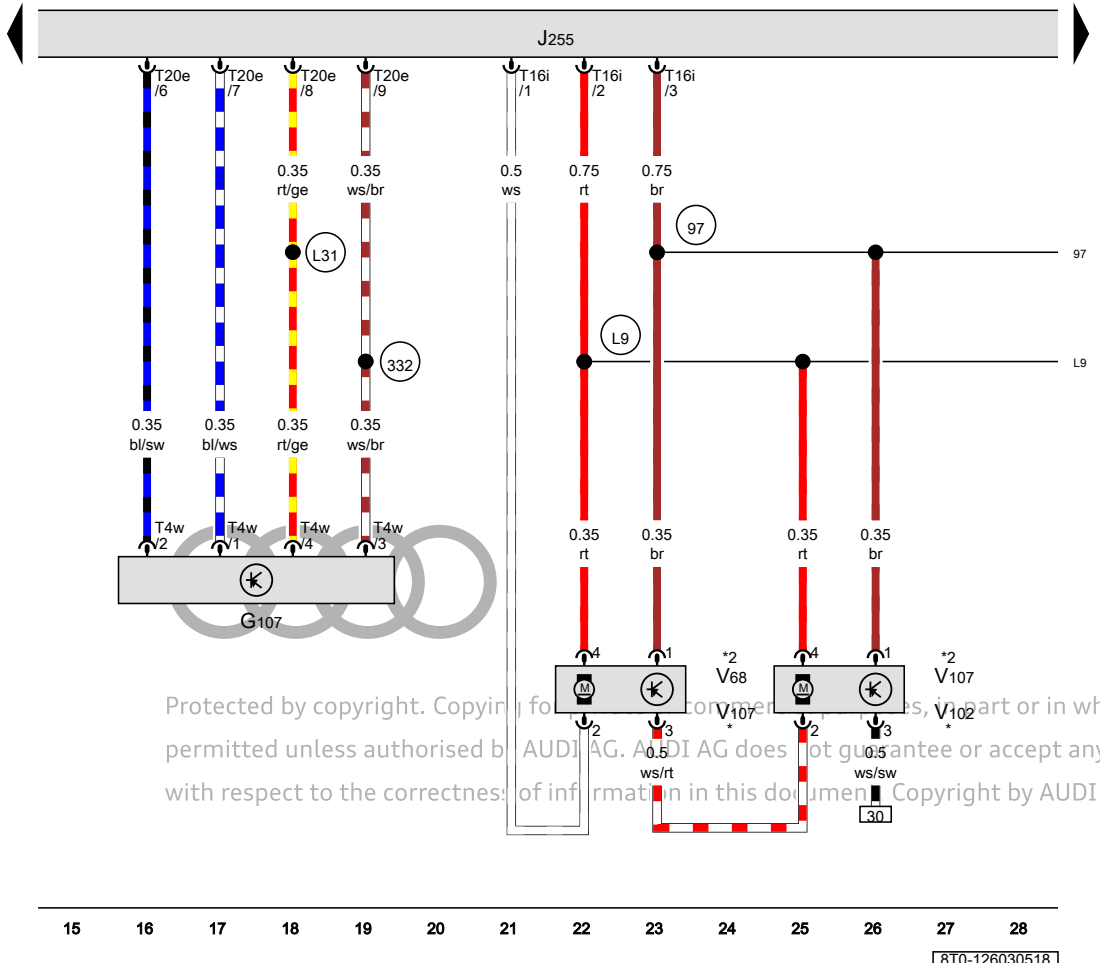
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Fresh air blower control unit, Air conditioning system magnetic clutch

F	Brake light switch
J126	Fresh air blower control unit
J255	Climatronic control unit
J533	Data bus diagnostic interface
J604	Auxiliary air heater control unit
N25	Air conditioning system magnetic clutch
N422	Climatronic coolant shut-off valve
ST2	Fuse carrier 2
SD8	Fuse 8 on fuse holder D
SD10	Fuse 10 on fuse holder D
T2vz	2-pin connector, brown
T4j	4-pin connector
T4k	4-pin connector
T17b	17-pin connector, blue
T20d	20-pin connector
T20e	20-pin connector
T46s	46-pin connector
V2	Fresh air blower
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
A227	Connection 2 (LIN bus) in dash panel wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for fuse assignment
*3	For models with diesel engine
*4	For models with 2.0l engine
*5	see applicable current flow diagram for CAN separating connector
*6	For models with Flex Fuel

Centre vent control motor

G107	Sunlight penetration photosensor
J255	Climatronic control unit
T4w	4-pin connector
T16i	16-pin connector
T20e	20-pin connector
V68	Temperature flap control motor
V102	Centre vent control motor
V107	Defroster flap control motor
97	Earth connection 1, in air conditioning system wiring harness
332	Earth connection 4, in dash panel wiring harness
L9	Connection 1, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	For right-hand drive models
*2	For left-hand drive models

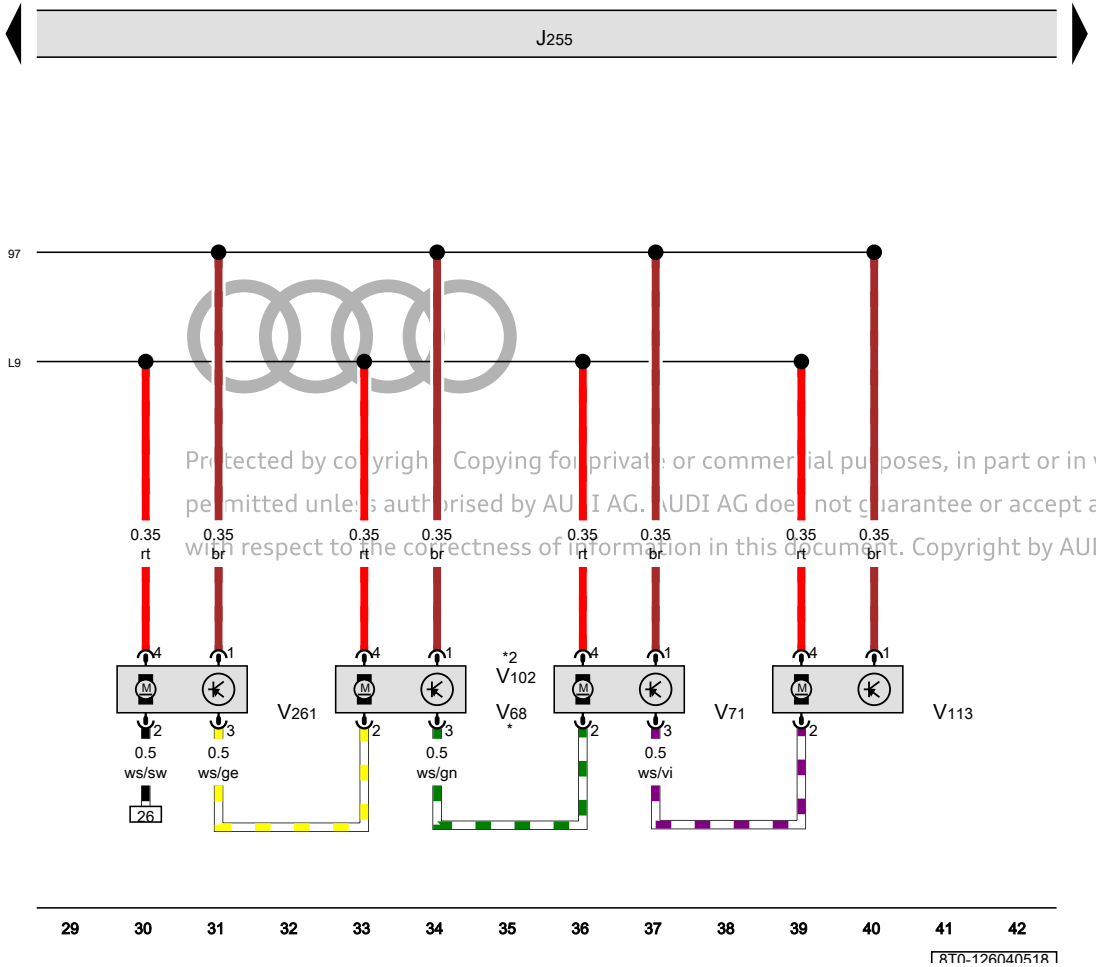


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Air recirculation flap control motor, Footwell flap control motor

J255	Climatronic control unit
V68	Temperature flap control motor
V71	Air flow flap control motor
V102	Centre vent control motor
V113	Air recirculation flap control motor
V261	Footwell flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L9	Connection 1, in air conditioning system wiring harness
*	For right-hand drive models
*2	For left-hand drive models

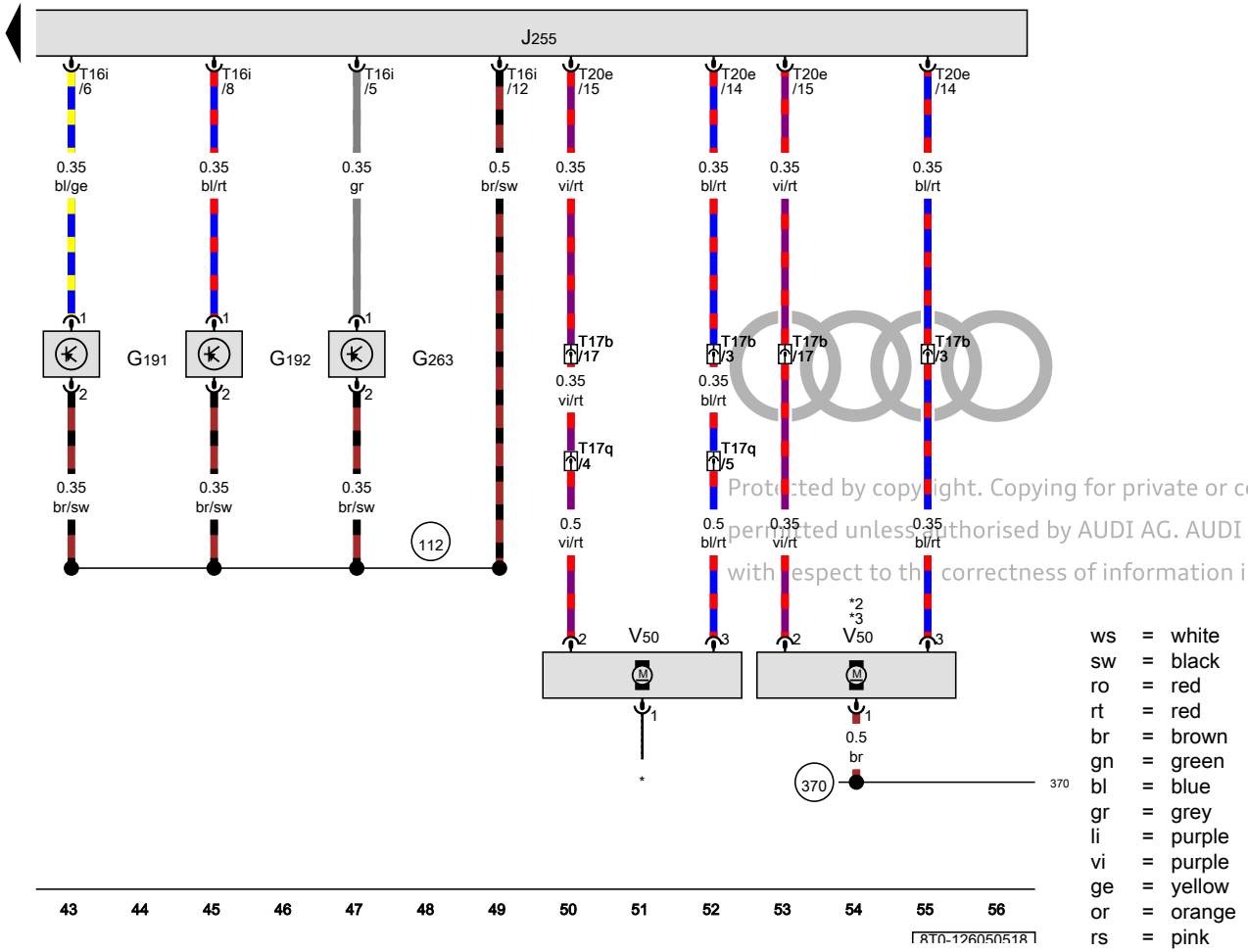


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Centre vent temperature sender, Footwell vent temperature sender, Evaporator output temperature sender

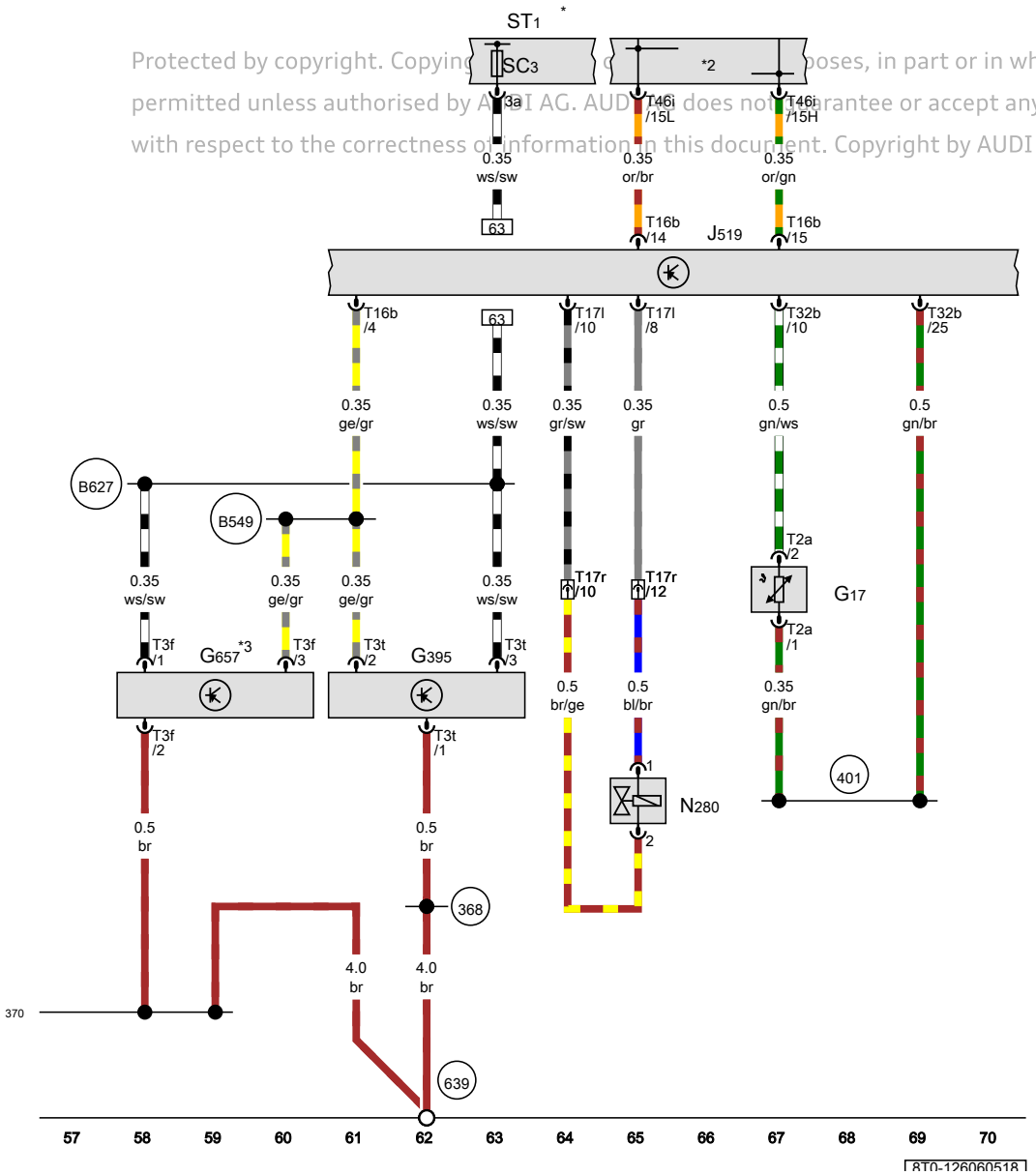
G191	Centre vent temperature sender
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T16i	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
V50	Coolant circulation pump
112	Earth connection 2, in air conditioning system wiring harness
370	Earth connection 5, in main wiring harness
*	see applicable current flow diagram for engine
*2	For models with diesel engine
*3	For models with 6-cylinder engine



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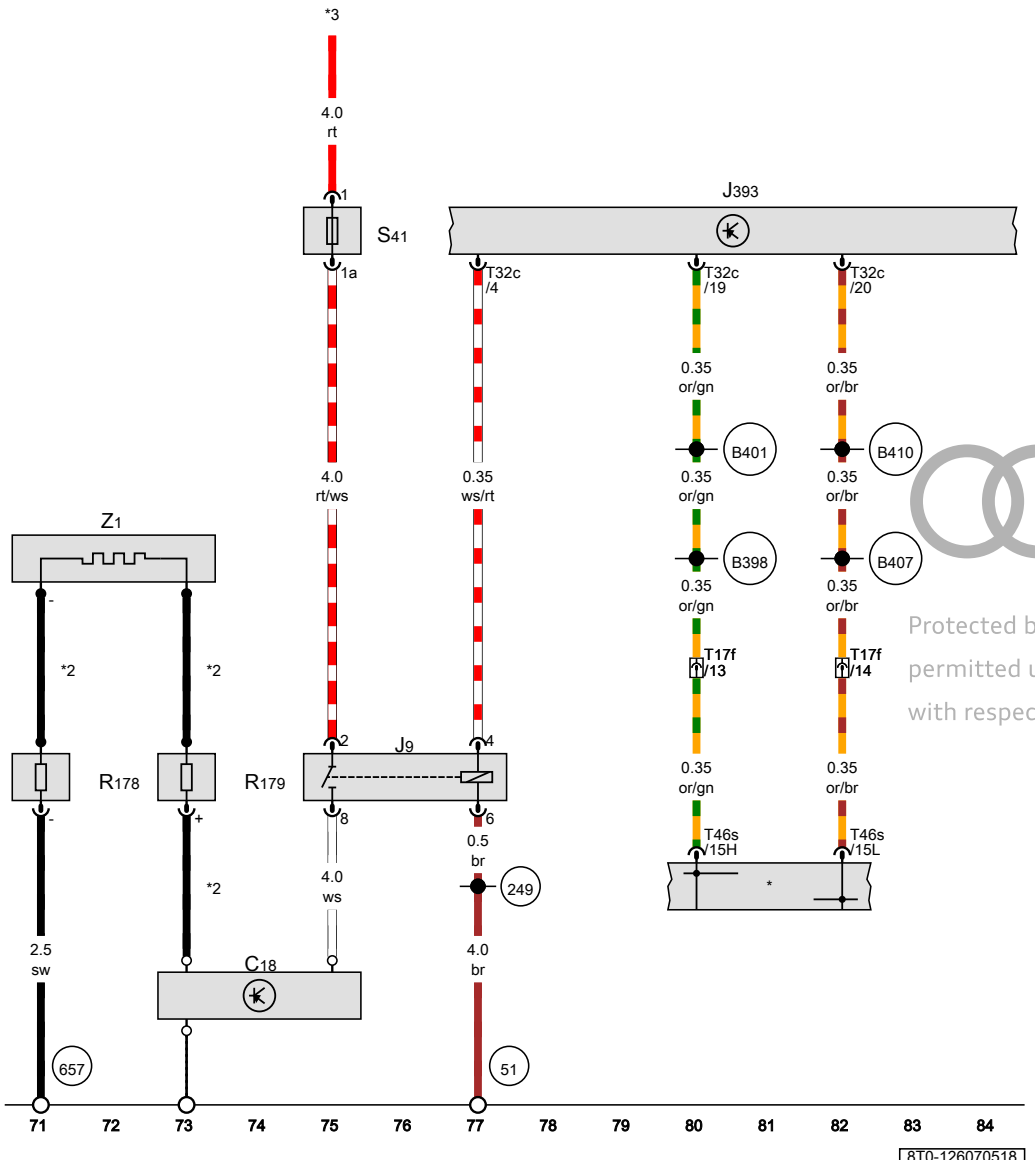
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Refrigerant pressure and temperature sender 1, Humidity sender in fresh air intake duct, Air conditioner compressor regulating valve

G17	Ambient temperature sensor
G395	Refrigerant pressure and temperature sender 1
G657	Humidity sender in fresh air intake duct
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
T2a	2-pin connector
T3f	3-pin connector, black
T3t	3-pin connector
T16b	16-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
T46i	46-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
639	Earth point, left A-pillar
B549	Connection 2 (LIN bus) in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector
*3	gradual introduction

Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Heated rear window

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
T17f	17-pin connector, brown
T32c	32-pin connector
T46s	46-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
657	Earth point 1, on left near rear window
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for CAN separating connector
*2	Cross section depends on equipment
*3	see applicable current flow diagram for fuse assignment



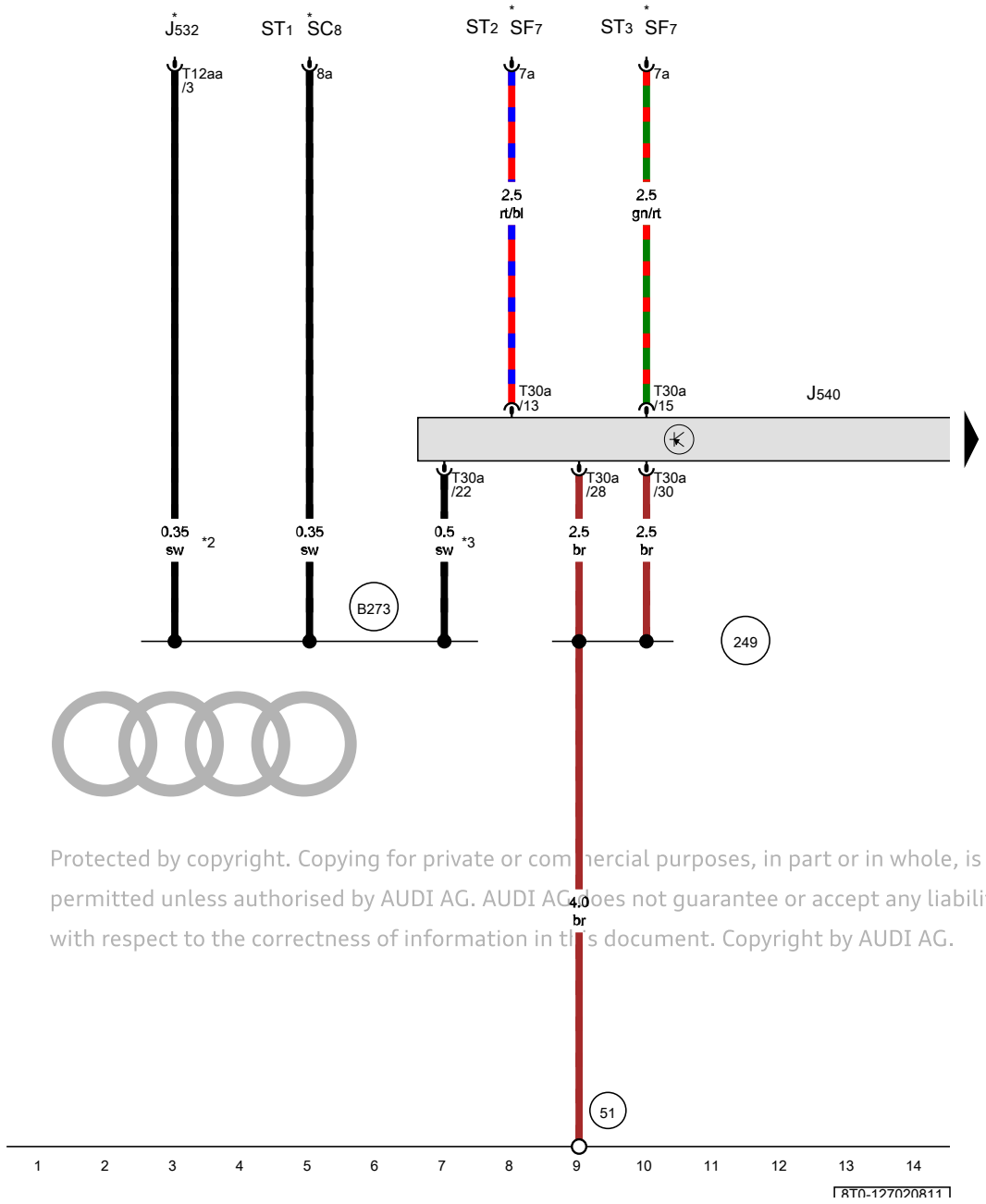
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Electromechanical parking brake

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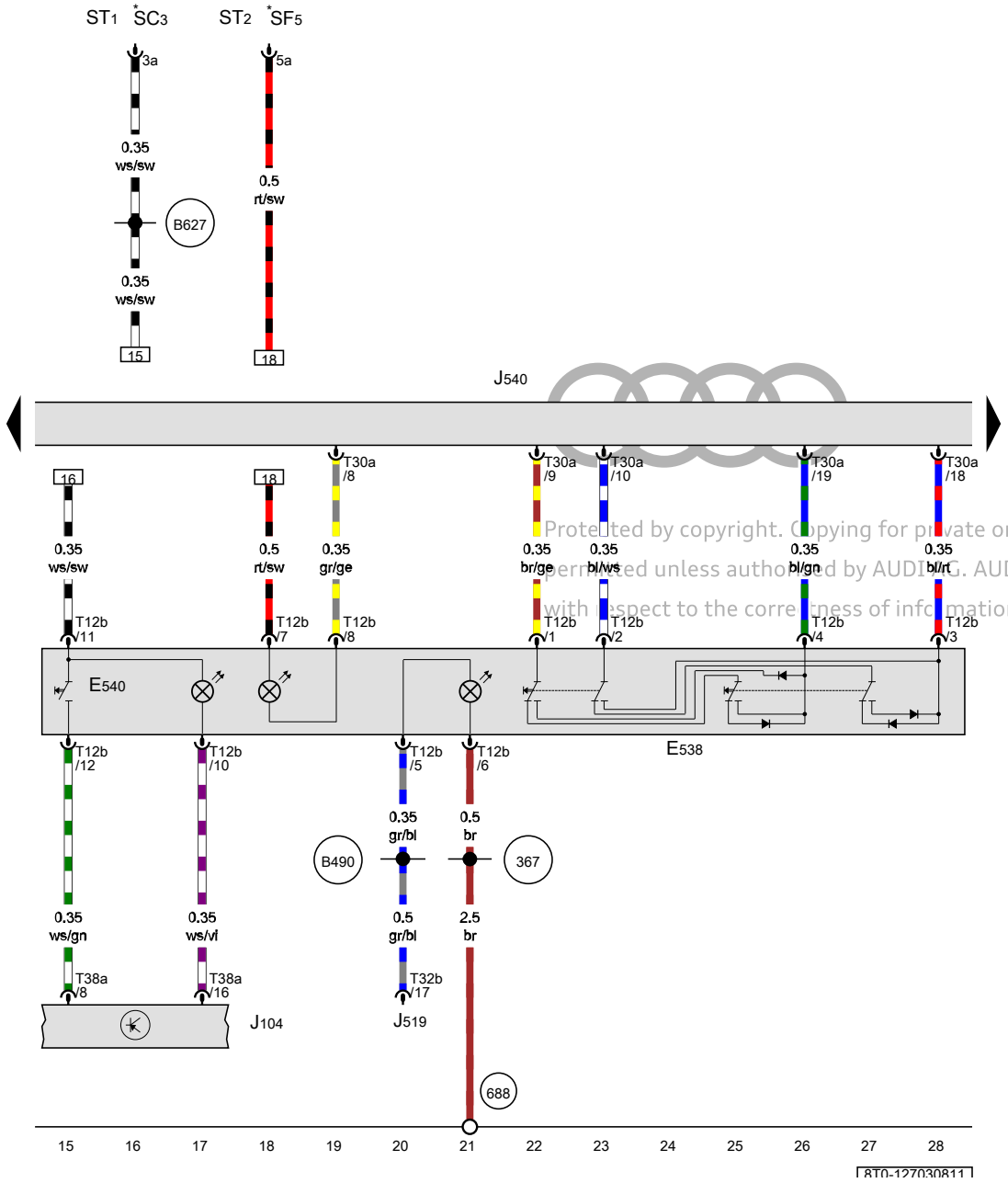
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Control unit for electromechanical parking brake

J532	Voltage stabiliser
J540	Control unit for electromechanical parking brake
ST1	Fuse carrier 1
ST2	Fuse carrier 2
ST3	Fuse carrier 3
SF7	Fuse 7 in fuse holder F
SC8	Fuse 8 on fuse holder C
T12aa	12-pin connector
T30a	30-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system
*3	Cross section depends on equipment

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



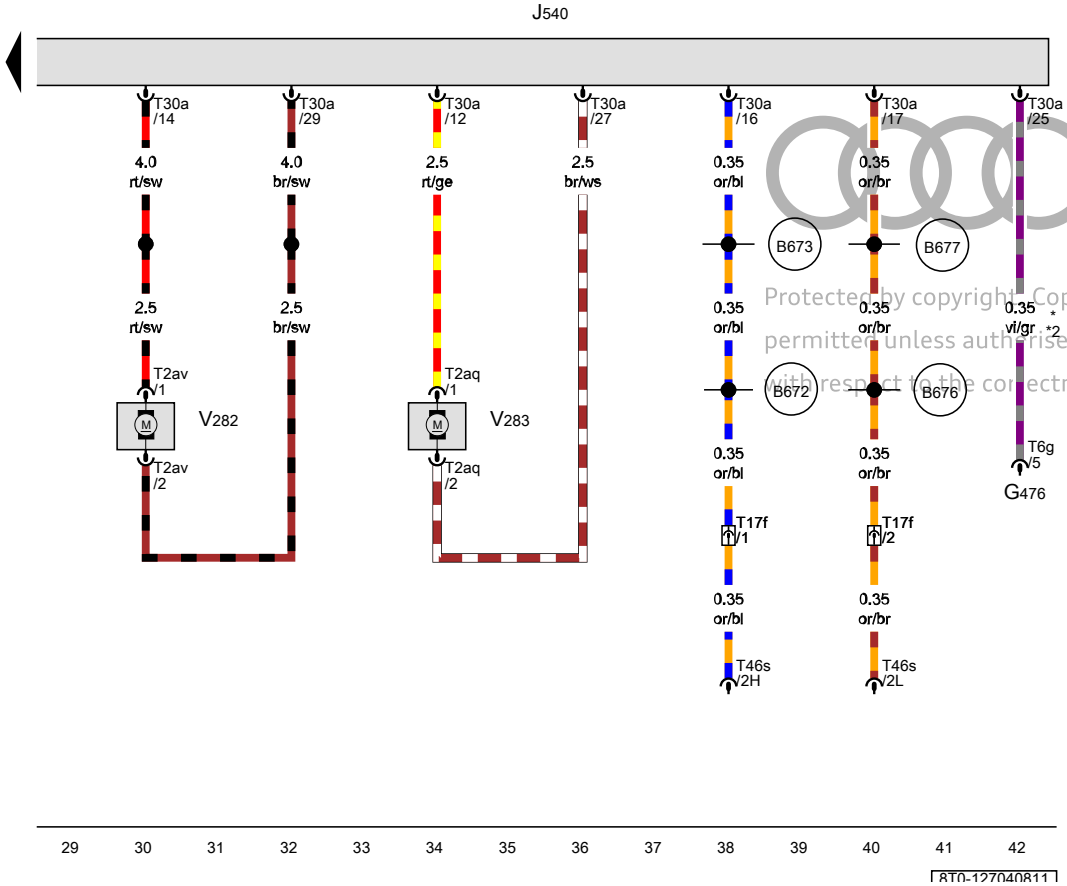
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E538	Electromechanical parking brake button
E540	Auto-hold button
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
SF5	Fuse 5 in fuse holder F
T12b	12-pin connector
T30a	30-pin connector
T32b	32-pin connector
T38a	38-pin connector
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B490	Connection 26, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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Control unit for electromechanical parking brake, Left parking brake motor, Right parking brake motor, Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness, Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

G476	Clutch position sender
J540	Control unit for electromechanical parking brake
T2aq	2-pin connector
T2av	2-pin connector
T6g	6-pin connector
T17f	17-pin connector, brown
T30a	30-pin connector
T46s	46-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine



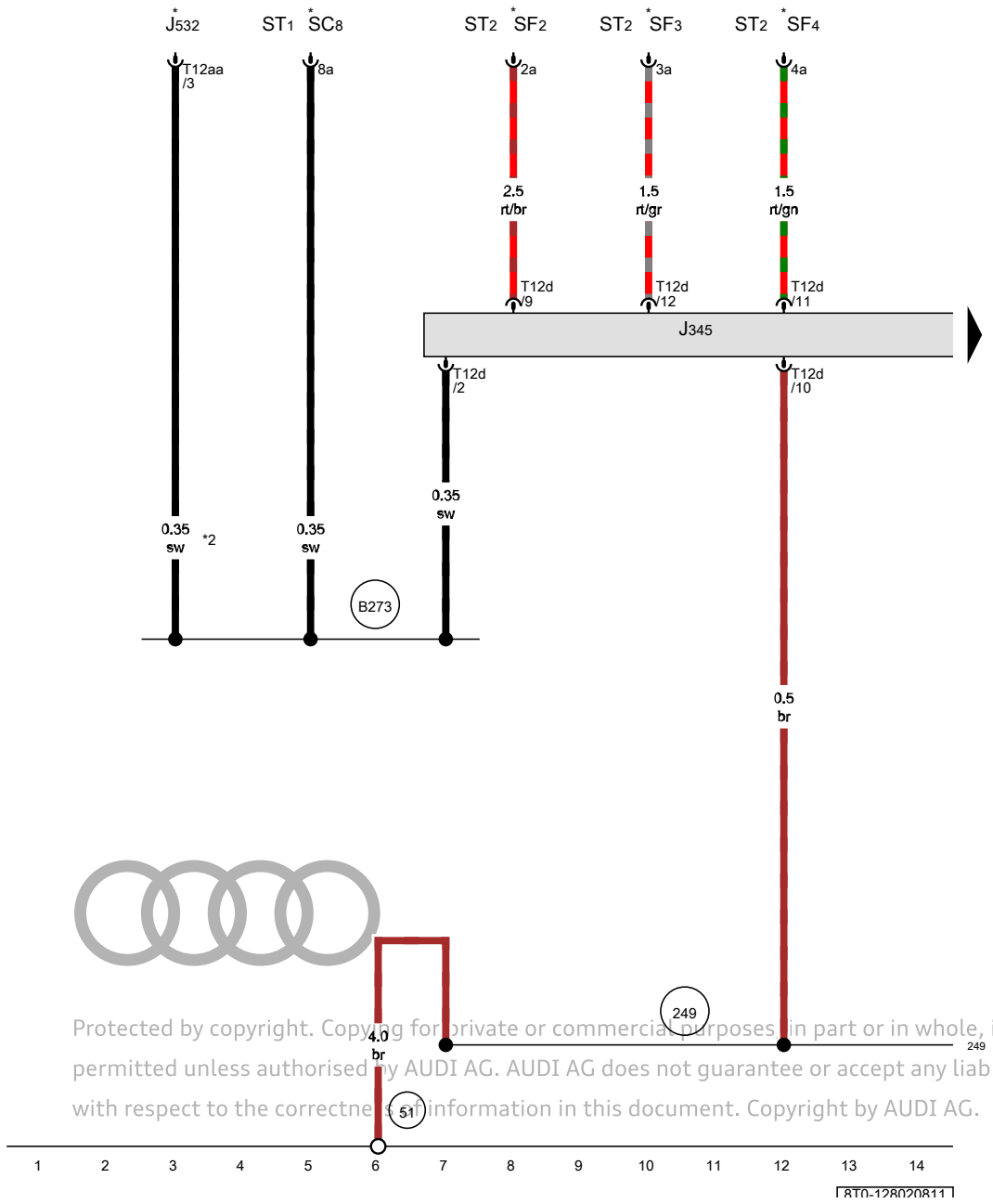
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Trailer coupling

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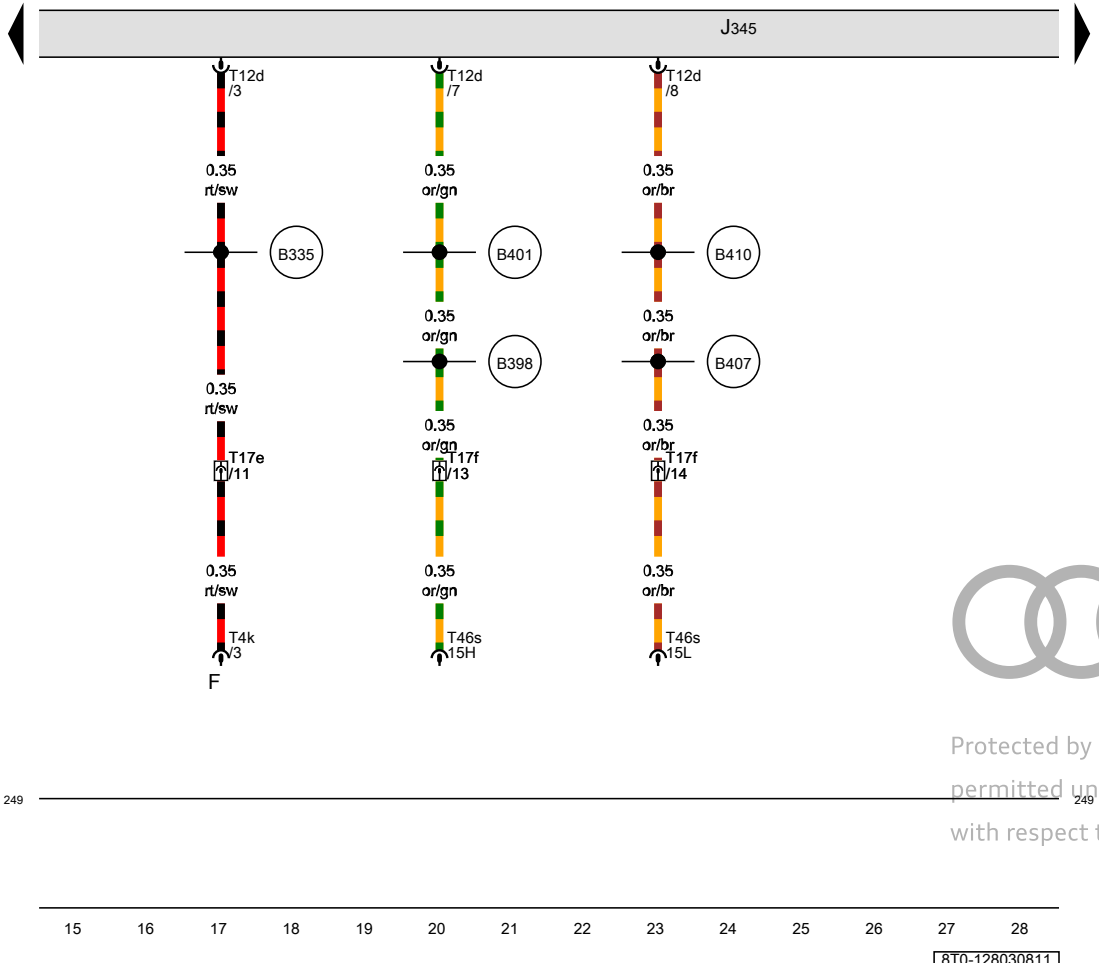


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Trailer detector control unit, Fuse carrier 2

J345	Trailer detector control unit
J532	Voltage stabiliser
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SC8	Fuse 8 on fuse holder C
T12aa	12-pin connector
T12d	12-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system

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



Trailer detector control unit

F	Brake light switch
J345	Trailer detector control unit
T4k	4-pin connector
T12d	12-pin connector
T17e	17-pin connector
T17f	17-pin connector
T46s	46-pin connector
249	Earth connection 2, in interior wiring harness
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness

ws	=	white
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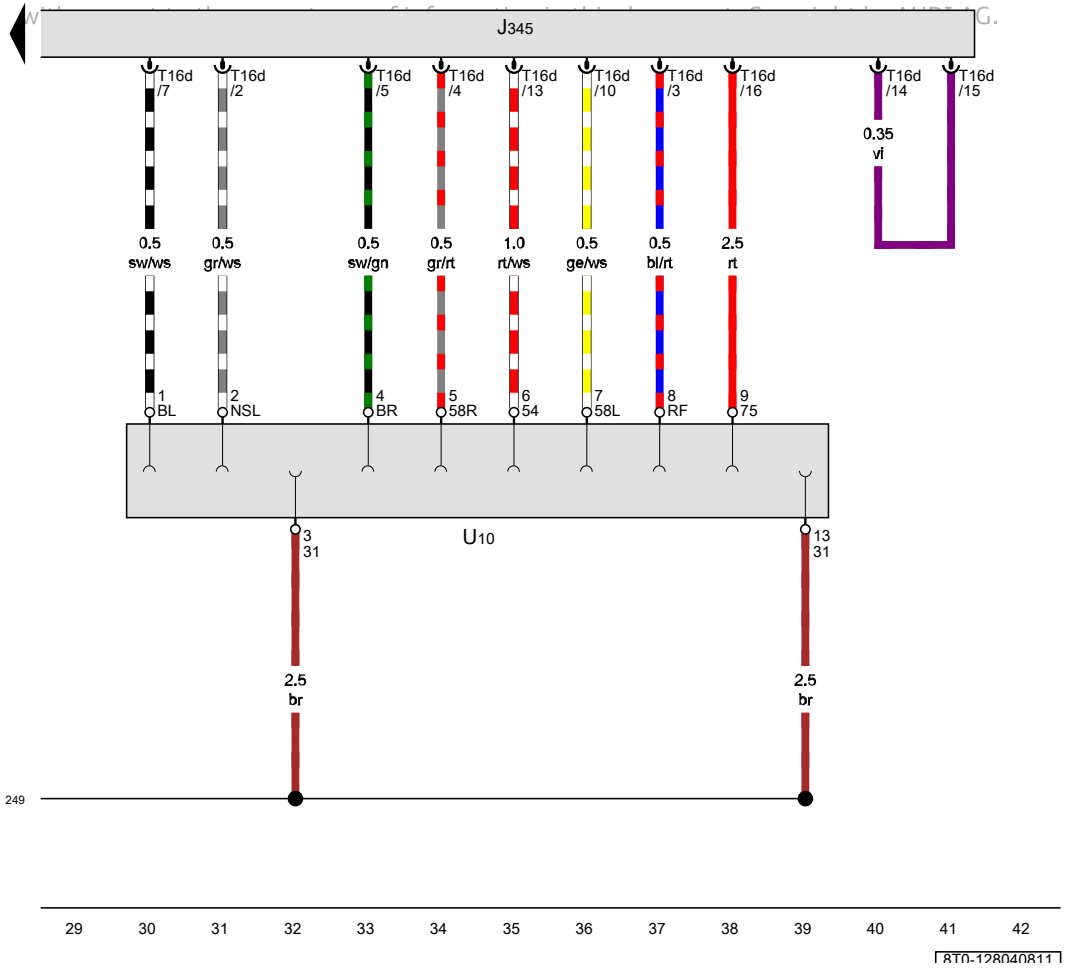
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Trailer detector control unit, Trailer socket

J345 Trailer detector control unit
T16d 16-pin connector
U10 Trailer socket

249 Earth connection 2, in interior wiring harness

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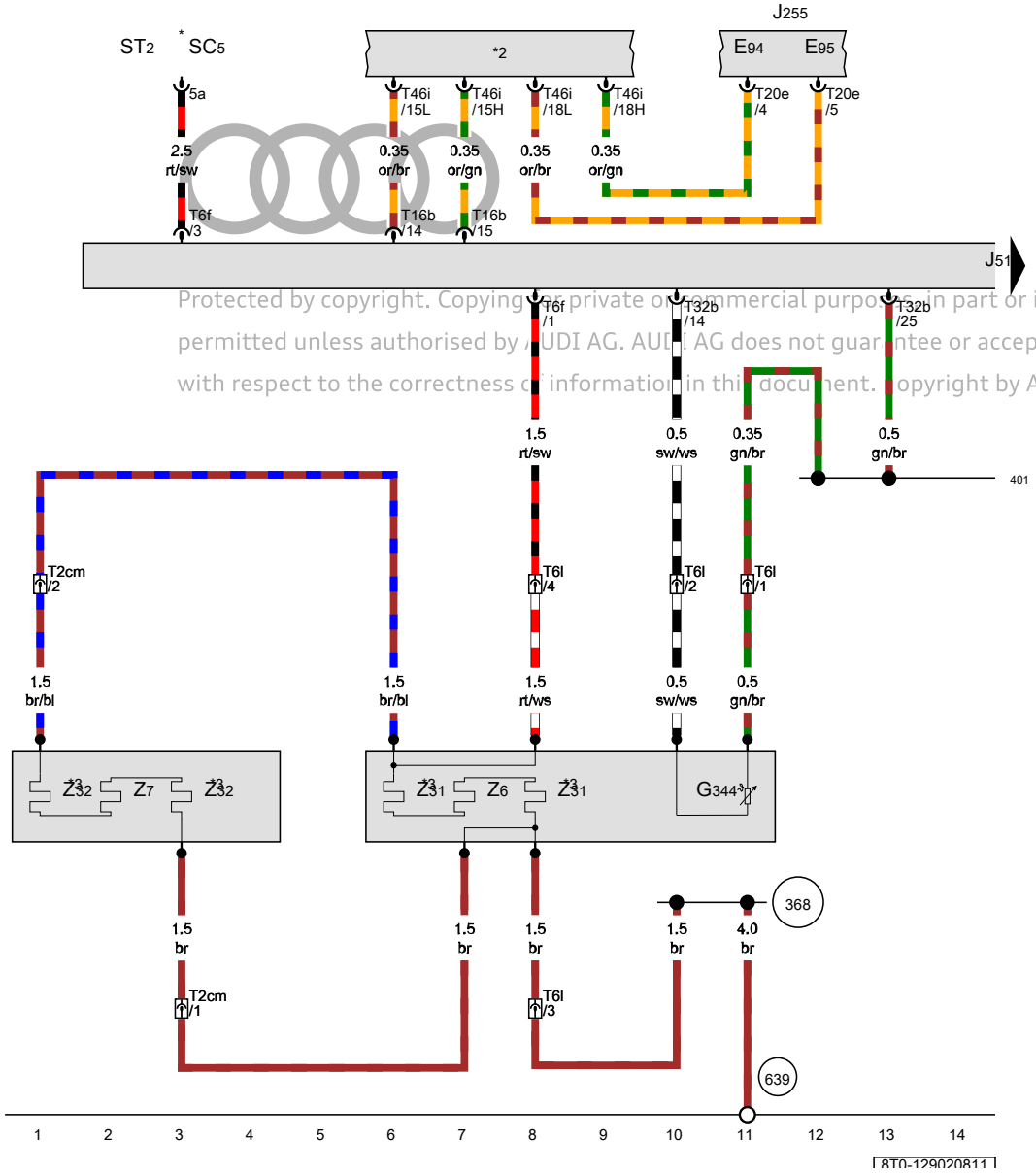


ws = white
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ro = red
br = brown
gn = green
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gr = grey
li = purple
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rs = pink

Seat heating

From August 2011

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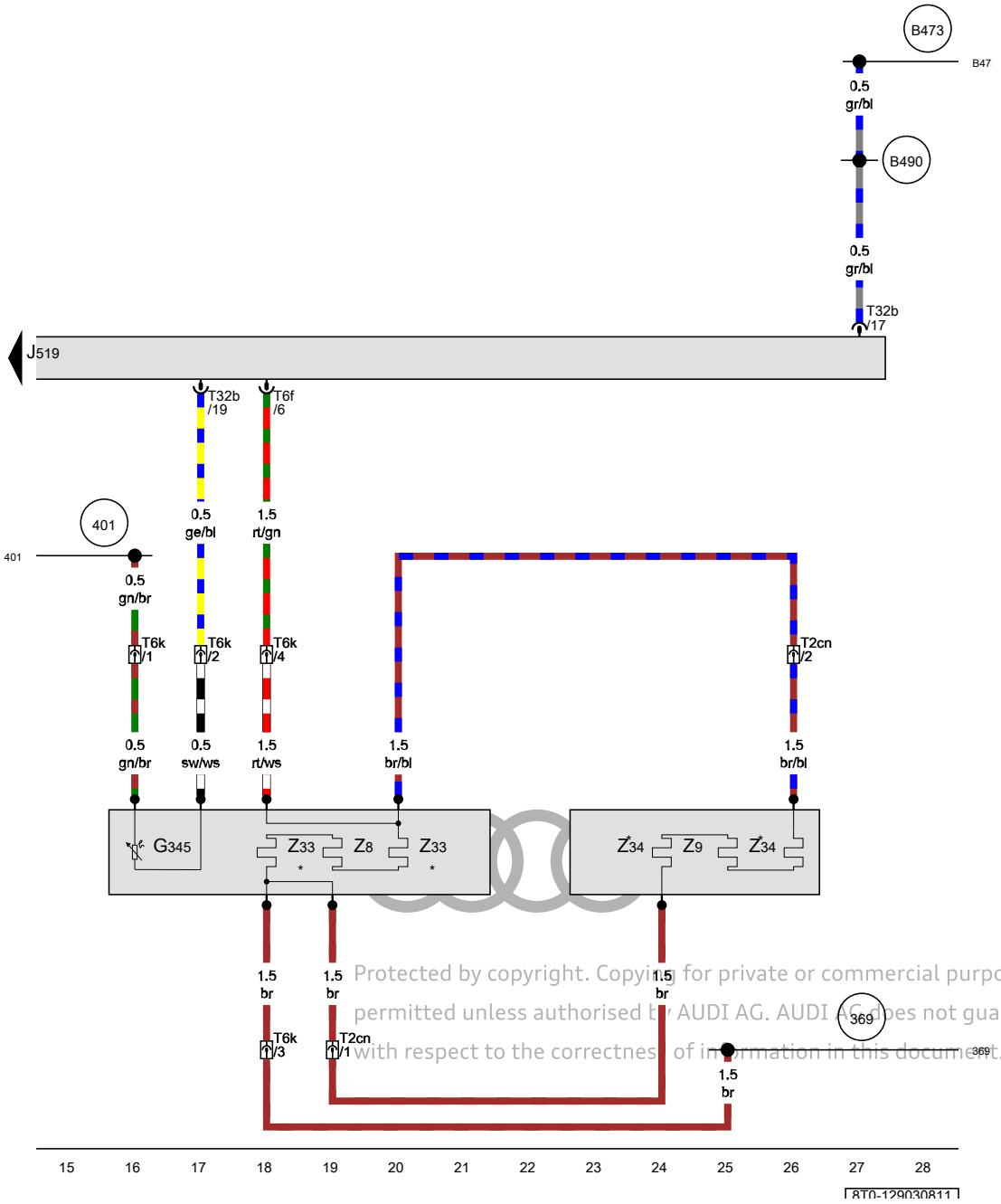


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Heated driver seat regulator, Heated front passenger seat regulator, Onboard supply control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
G344	Front left seat temperature sender
J255	Climatronic control unit
J519	Onboard supply control unit
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T2cm	2-pin connector, in driver seat
T6f	6-pin connector
T6l	6-pin connector, green
T16b	16-pin connector
T20e	20-pin connector
T32b	32-pin connector
T46i	46-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
368	Earth connection 3, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram
*3	Only models with seat bolster heating



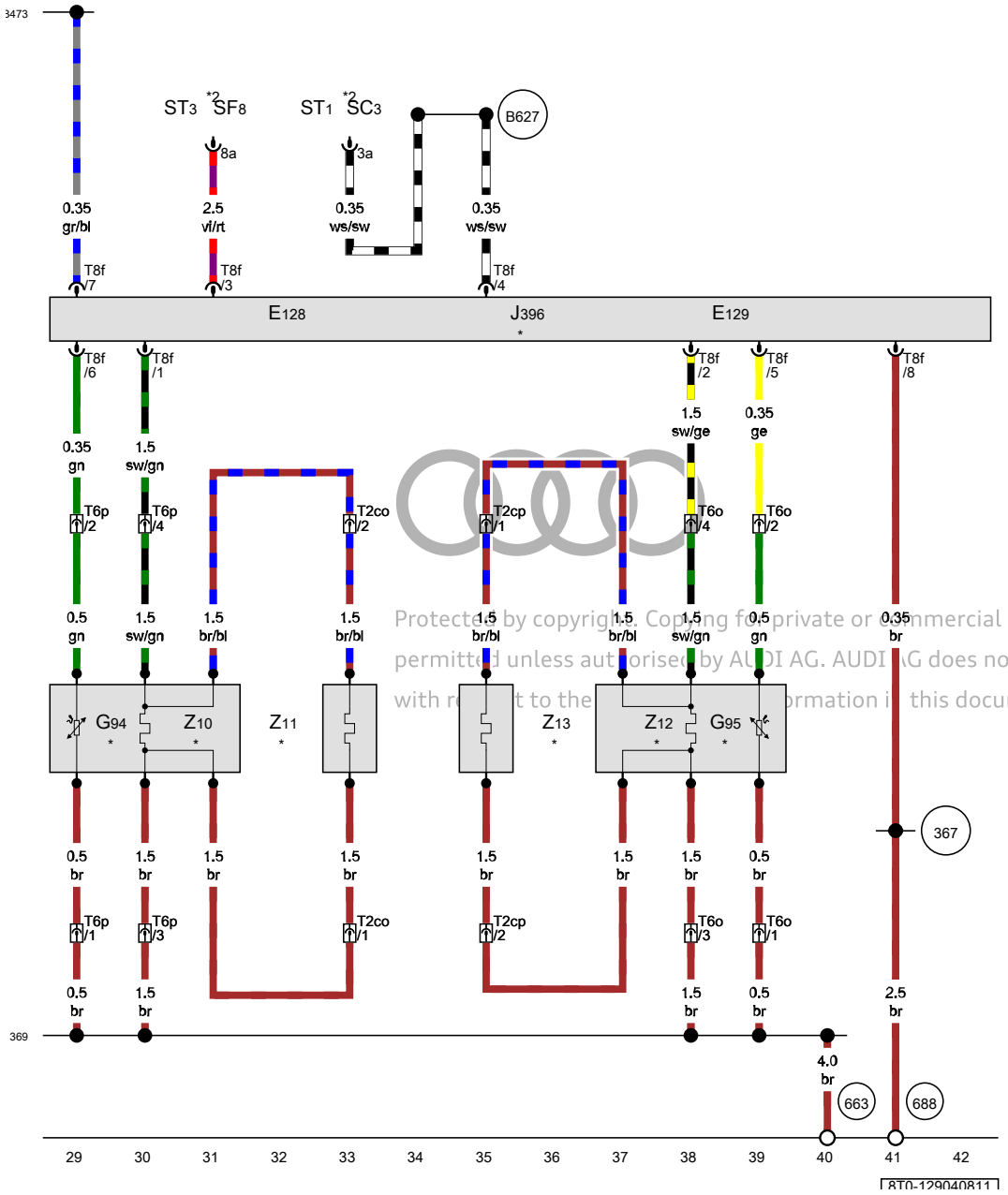
Onboard supply control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

G345	Front right seat temperature sender
J519	Onboard supply control unit
T2cn	2-pin connector, in front passenger seat
T6f	6-pin connector
T6k	6-pin connector, green
T32b	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
Z34	Front passenger seat backrest lateral support heater
369	Earth connection 4, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	Only models with seat bolster heating

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ro = red
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gn = green
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rs = pink

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



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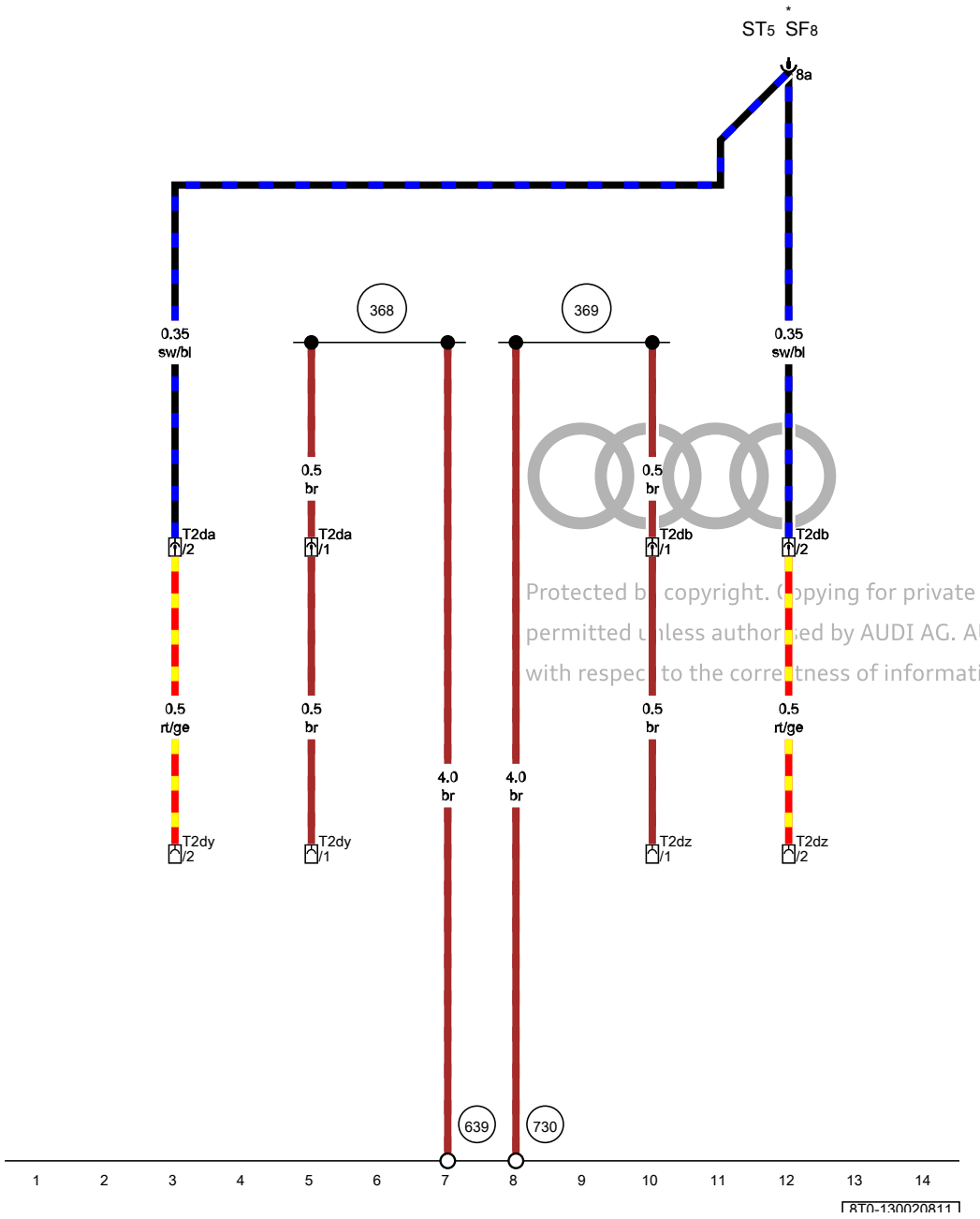
E128	Heated rear left seat switch with regulator
E129	Heated rear right seat switch with regulator
G94	Rear left seat temperature sensor
G95	Rear right seat temperature sensor
J396	Seat heating control unit with regulator
ST1	Fuse carrier 1
SC3	Fuse 3 on fuse holder C
ST3	Fuse carrier 3
SF8	Fuse 8 in fuse holder F
T2co	2-pin connector, under rear seat
T2cp	2-pin connector, under rear seat
T6o	6-pin connector, brown
T6p	6-pin connector, green
T8f	8-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
367	Earth connection 2, in main wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	Only models with heated rear seats
*2	see applicable current flow diagram for fuse assignment

ws	=	white
sw	=	black
ro	=	red
br	=	brown
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bl	=	blue
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Preparation for multimedia system

From August 2011

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2-pin connector

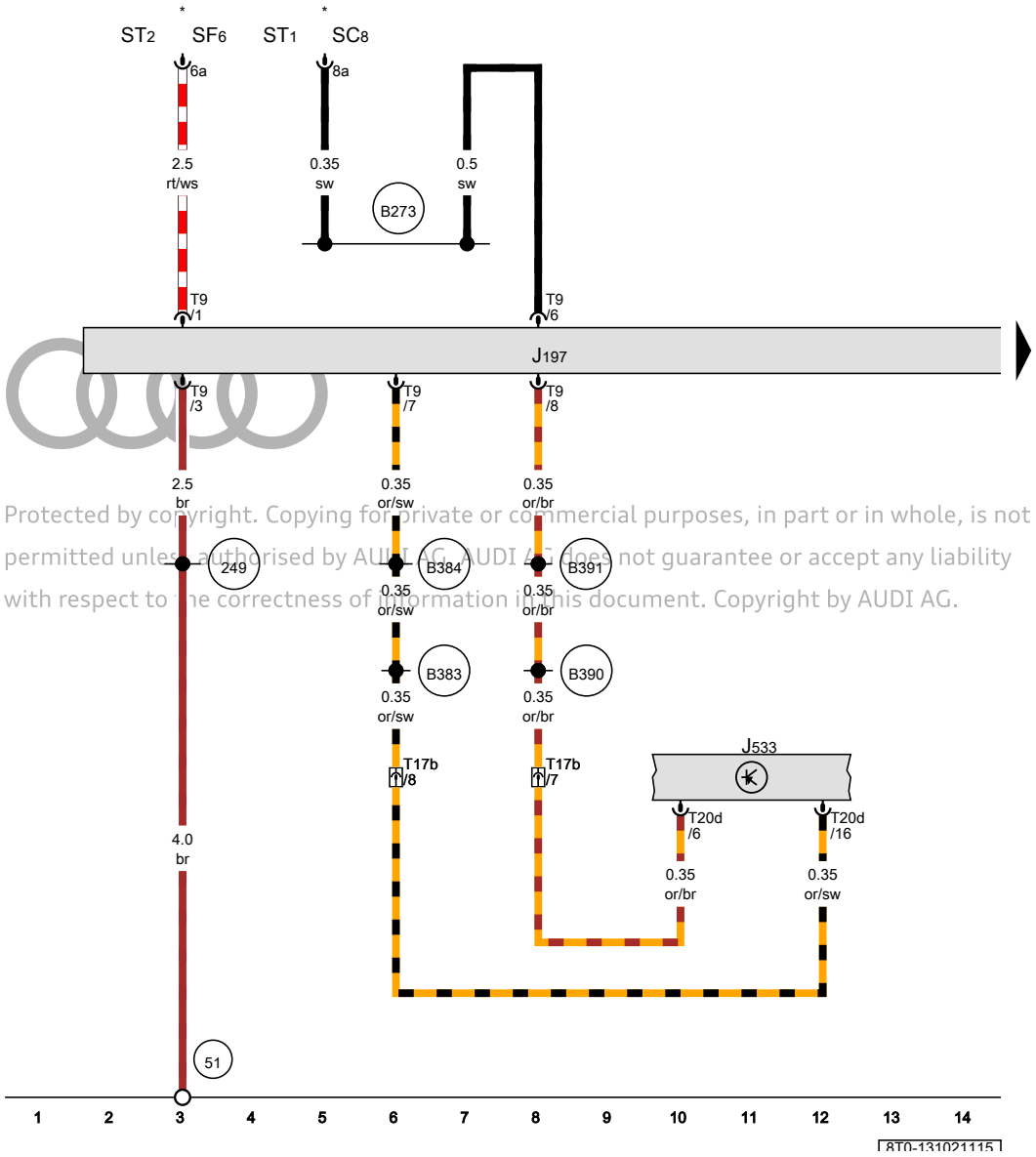
ST5	Fuse carrier 5
SF8	Fuse 8 in fuse holder F
T2da	2-pin connector, blue
T2db	2-pin connector, blue
T2dy	2-pin connector, in driver seat armrest
T2dz	2-pin connector, in front passenger seat armrest
368	Earth connection 3, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for fuse assignment

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or	=	orange
rs	=	pink

Dynamic Ride Control

From October 2011

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

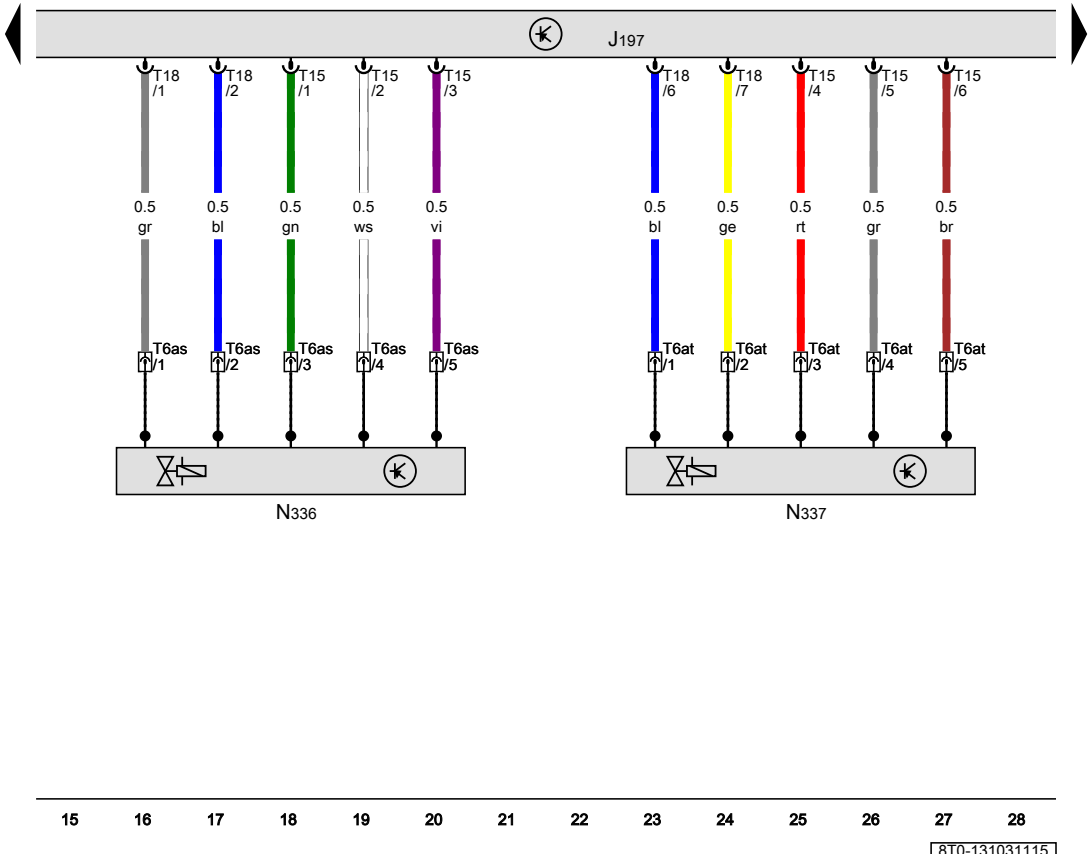
Adaptive suspension control unit

J197	Adaptive suspension control unit
J533	Data bus diagnostic interface
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SF6	Fuse 6 in fuse holder F
SC8	Fuse 8 on fuse holder C
T9	9-pin connector
T17b	17-pin connector, blue
T20d	20-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
B273	Positive connection (15), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for fuse assignment

Adaptive suspension control unit, Front left shock absorber damping adjustment valve, Front right 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
T6as	6-pin connector, on front left suspension strut
T6at	6-pin connector, on front right suspension strut
T15	15-pin connector
T18	18-pin connector

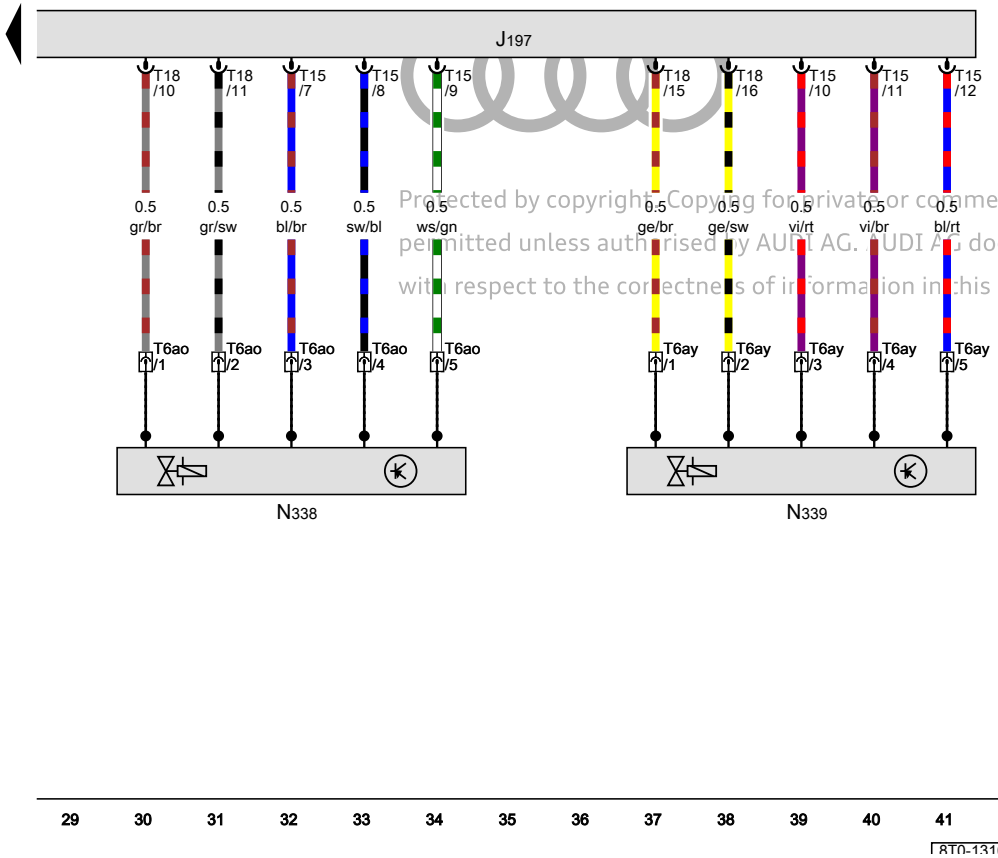
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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

J197	Adaptive suspension control unit
N338	Rear left shock absorber damping adjustment valve
N339	Rear right shock absorber damping adjustment valve
T6ao	6-pin connector, on rear left suspension turret
T6ay	6-pin connector, on rear right suspension turret
T15	15-pin connector
T18	18-pin connector



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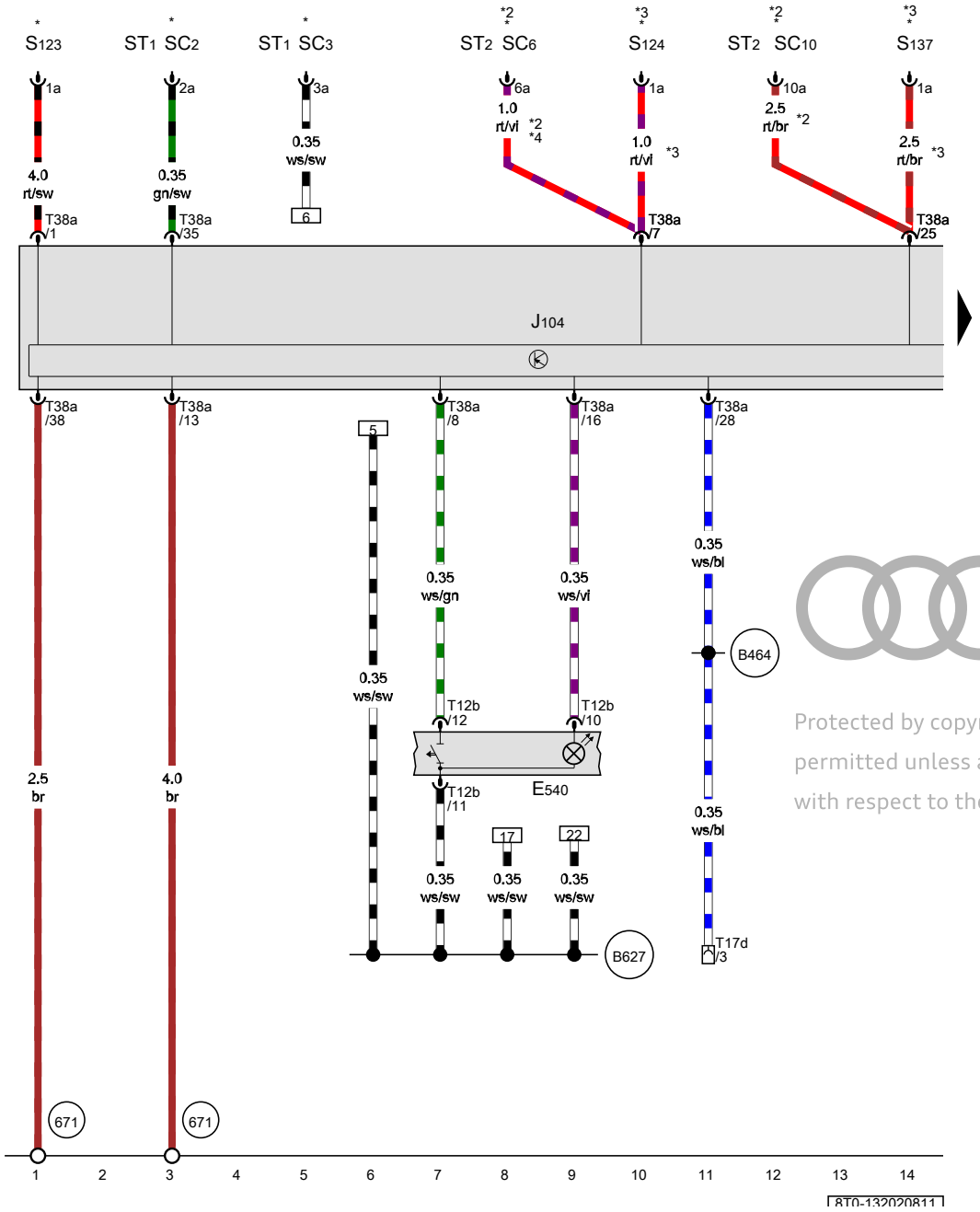
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rt	=	red
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gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Anti-lock brake system (ABS) with electronic stabilisation program (ESP)

From August 2011

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Auto-hold button, ABS control unit, ABS control unit fuse 1

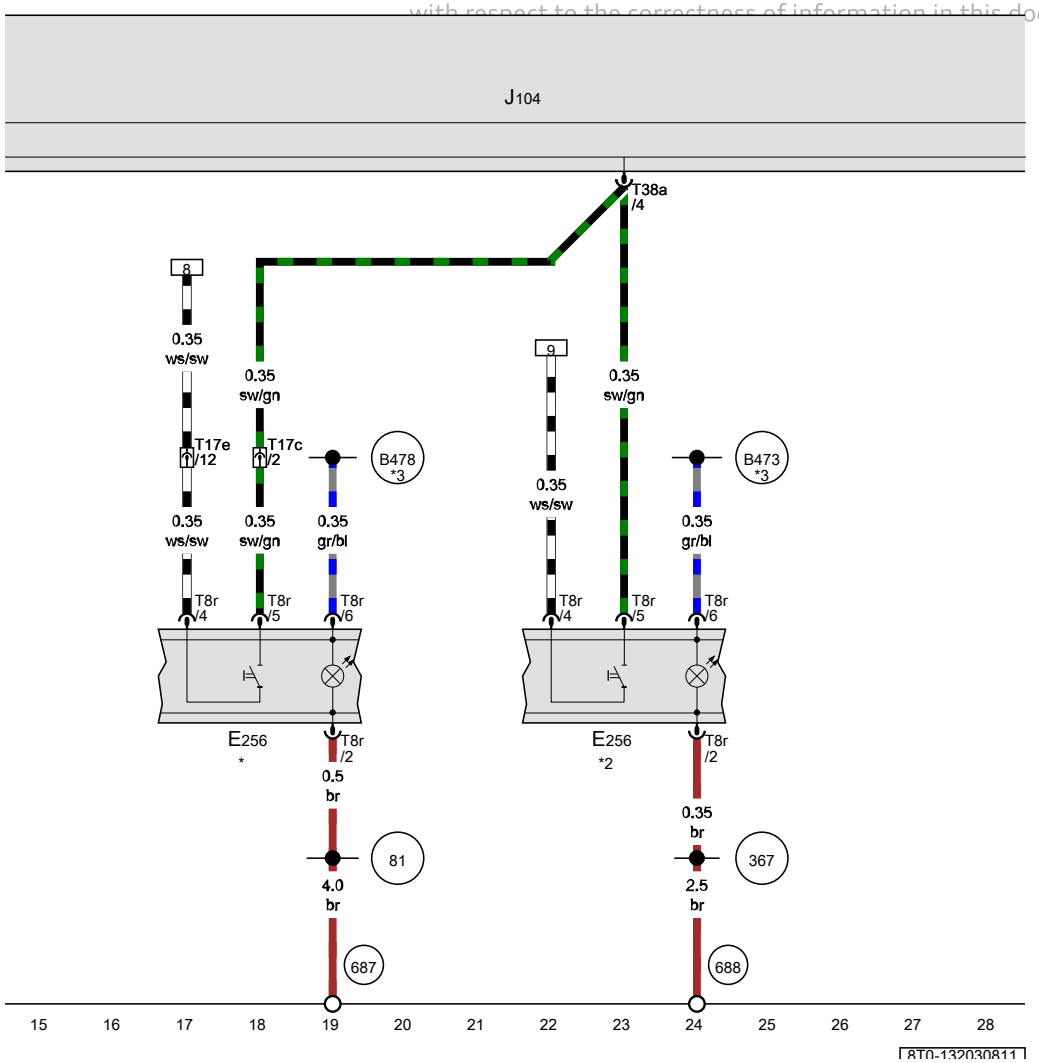


E540	Auto-hold button
J104	ABS control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC10	Fuse 10 on fuse holder C
S123	ABS control unit fuse 1
S124	ABS control unit fuse 2
S137	ABS control unit fuse 3
T12b	12-pin connector
T17d	17-pin connector, brown
T38a	38-pin connector
671	Earth point 1, on front of left longitudinal member
B464	Connection (speed signal), in main wiring harness
B627	Positive connection 3 (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Cross section depends on equipment

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ro	=	red
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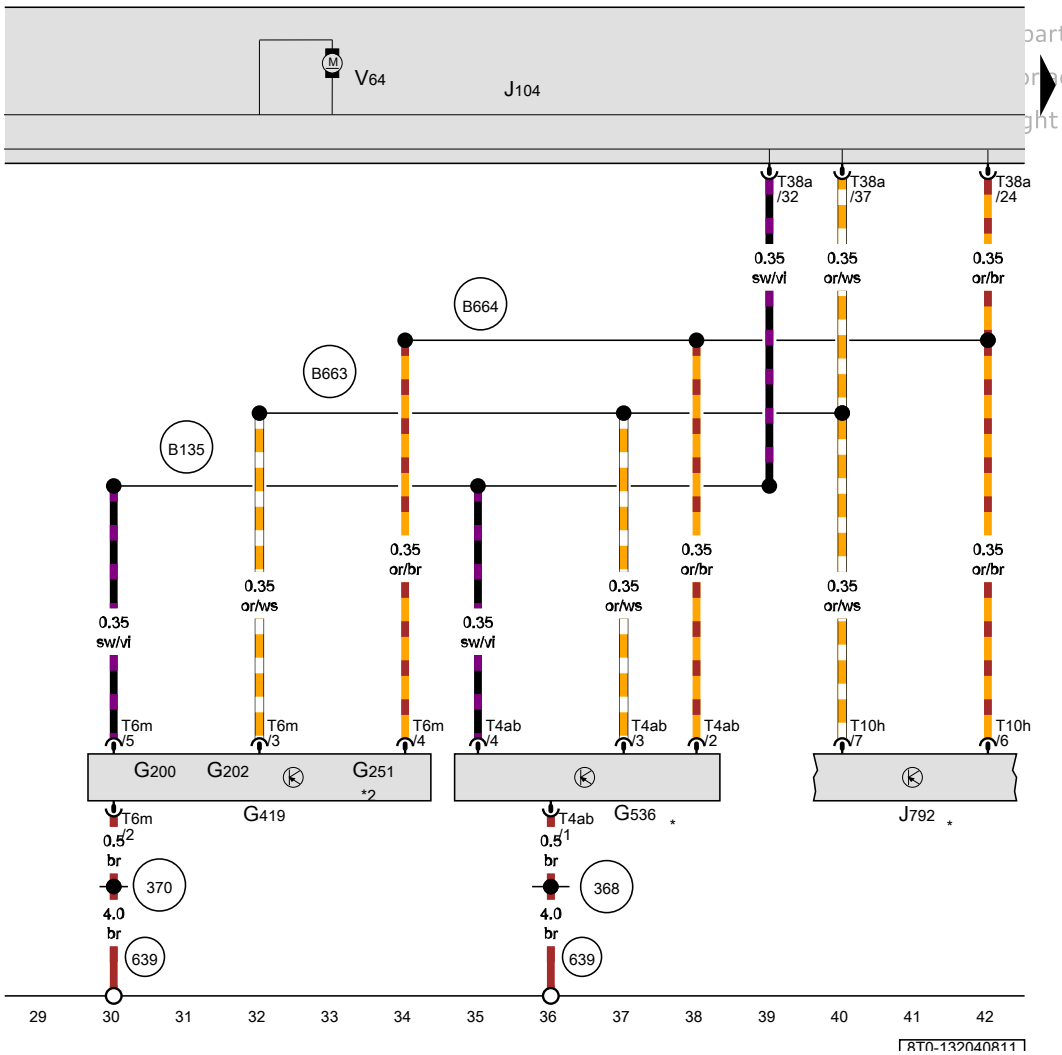


TCS and ESP button, ABS control unit

E256	TCS and ESP button
J104	ABS control unit
T8r	8-pin connector
T17c	17-pin connector, black
T17e	17-pin connector
T17g	17-pin connector, black
T38a	38-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B478	Connection 14, in main wiring harness
*	Only models with navigation system
*2	Only models with no navigation system
*3	see applicable current flow diagram for basic equipment

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

ESP sensor unit, ESP sensor unit 2, ABS control unit, Active steering control unit, ABS hydraulic pump



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

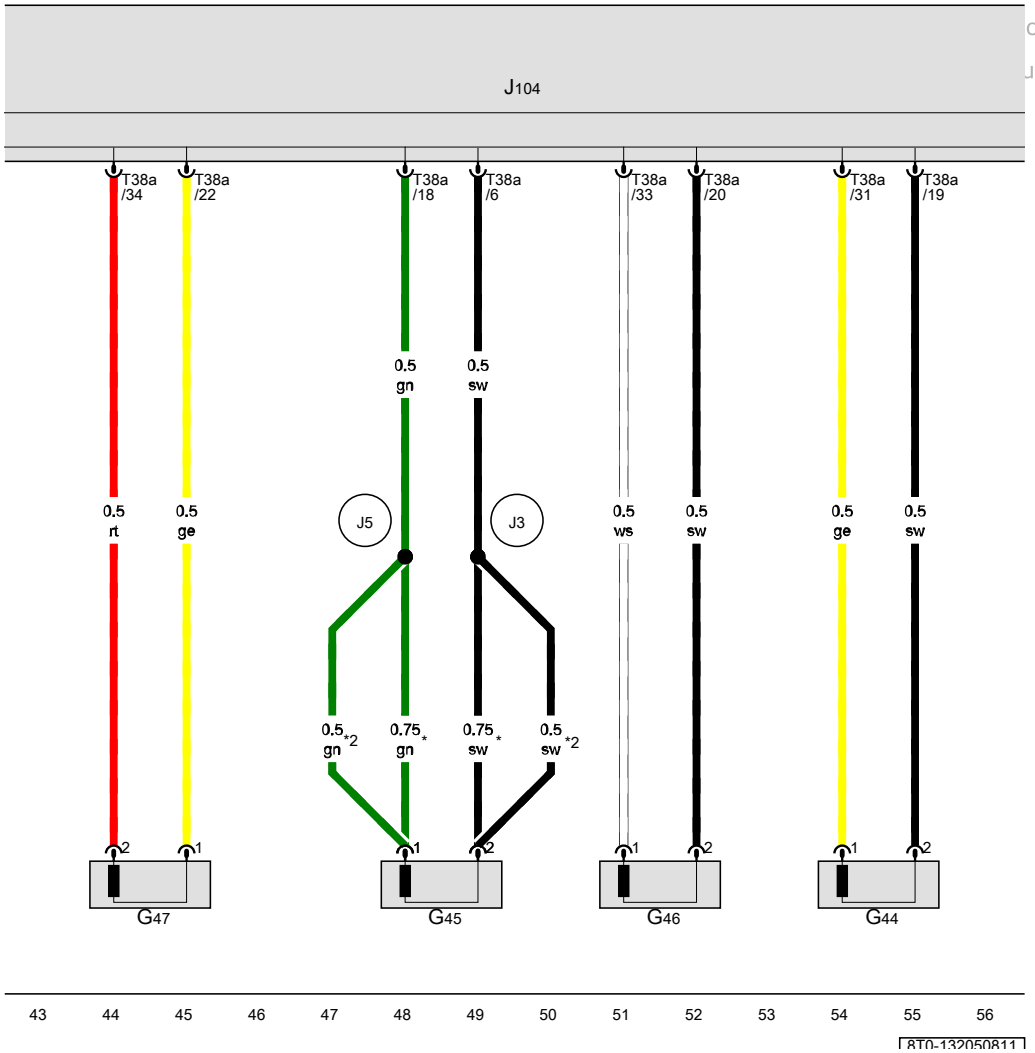
G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	ESP sensor unit
G536	ESP sensor unit 2
J104	ABS control unit
J792	Active steering control unit
T4ab	4-pin connector
T6m	6-pin connector
T10h	10-pin connector
T38a	38-pin connector
V64	ABS hydraulic pump
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B135	Connection 1 (15a), in interior wiring harness
B663	Connection (running gear sensors CAN bus, high), in main wiring harness
B664	Connection (running gear sensors CAN bus, low), in main wiring harness
*	Special equipment
*2	Only models with all-wheel drive

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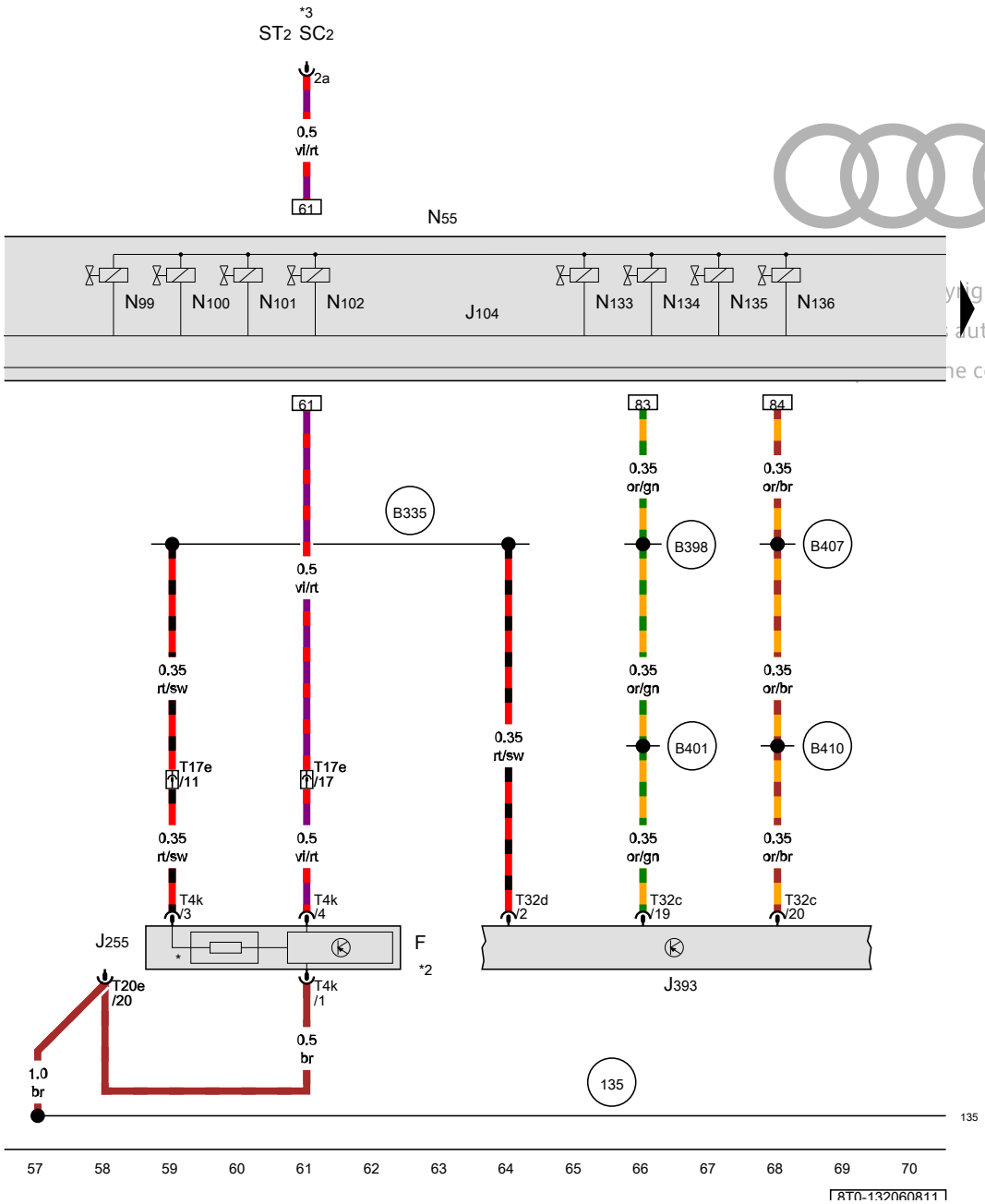
Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
T38a	38-pin connector
J3	Connection 1, in ABS wiring harness
J5	Connection 2, in ABS wiring harness
*	Only models with no electronic damping control
*2	Only models with electronic damping control

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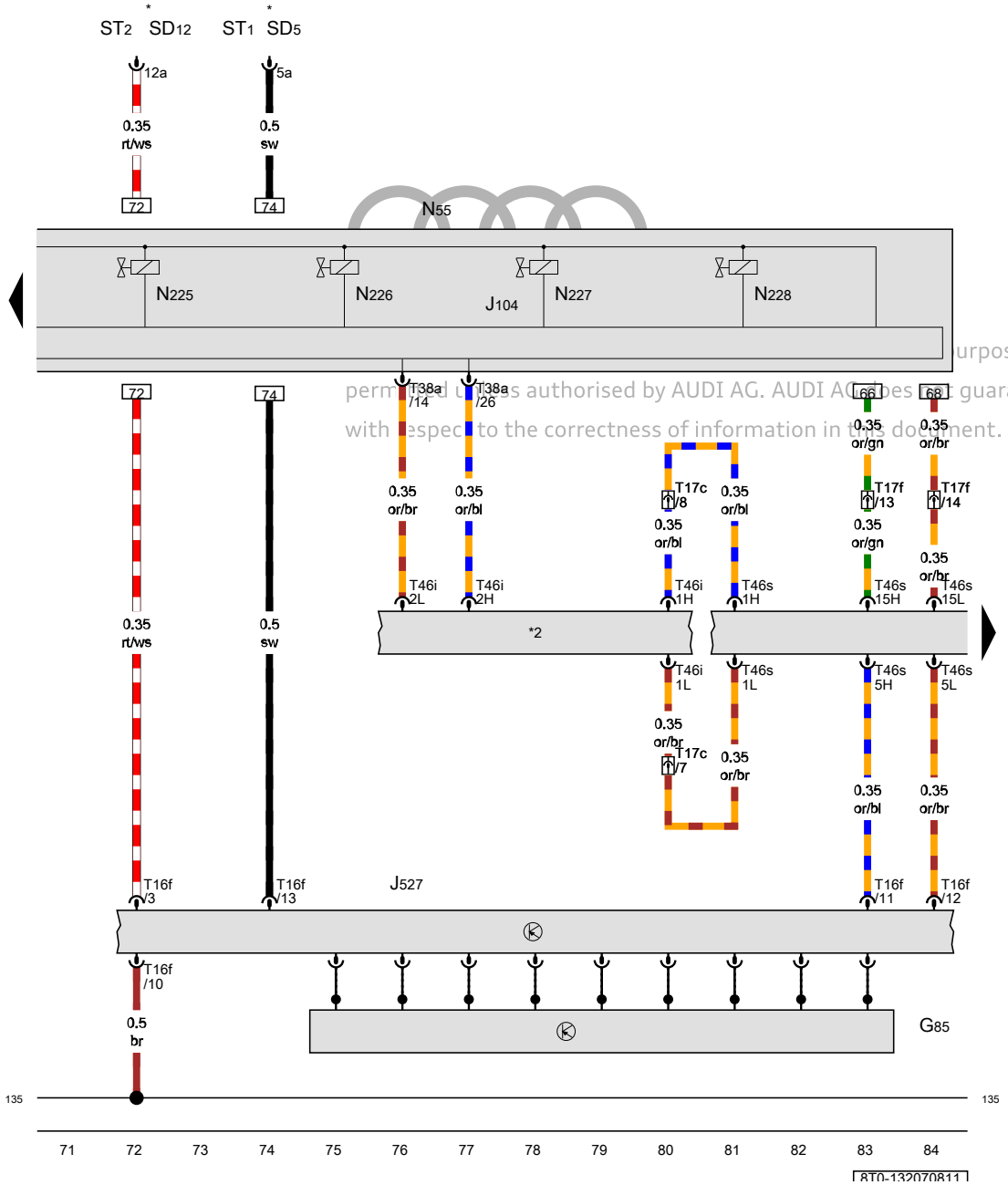


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Brake light switch, ABS control unit, Convenience system central control unit, ABS hydraulic unit, Front right ABS inlet valve, Front right ABS outlet valve, Front left ABS inlet valve, Front left ABS outlet valve, Rear right ABS inlet valve, Rear left ABS inlet valve, Rear right ABS outlet valve, Rear left ABS outlet valve

F	Brake light switch
J104	ABS control unit
J255	Climatronic control unit
J393	Convenience system central control unit
N55	ABS hydraulic 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
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T20e	20-pin connector
T32c	32-pin connector
T32d	32-pin connector
135	Earth connection 2, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B401	Connection 5 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B410	Connection 5 (convenience CAN bus, low), in main wiring harness
*	Solenoid coil for brake light sensor
*2	see applicable current flow diagram for engine
*3	see applicable current flow diagram for fuse assignment

ws	=	white
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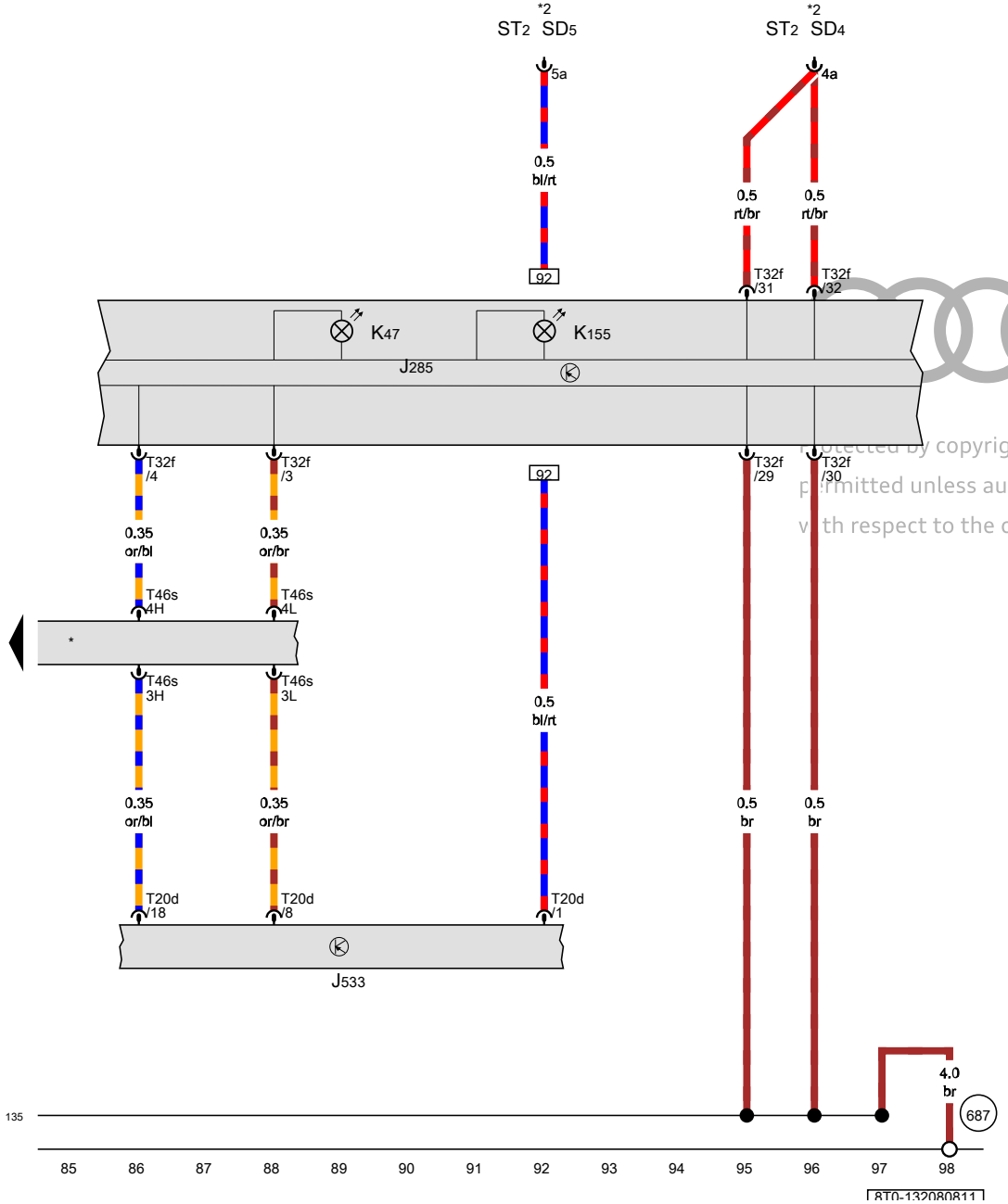
ws = white
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Steering angle sender, ABS control unit, Steering column electronics control unit, ABS hydraulic unit, Vehicle stabilization program switch valve 1, Vehicle stabilization program switch valve 2, Vehicle stabilization program high-pressure valve 1, Vehicle stabilization program high-pressure valve 2

G85	Steering angle sender
J104	ABS control unit
J527	Steering column electronics control unit
N55	ABS hydraulic unit
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
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SD5	Fuse 5 on fuse holder D
SD12	Fuse 12 on fuse holder D
T16f	16-pin connector
T17c	17-pin connector, black
T17f	17-pin connector, brown
T38a	38-pin connector
T46i	46-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram

Control unit in dash panel insert, Data bus diagnostic interface, ABS warning lamp, ESP and TCS warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K47	ABS warning lamp
K155	ESP and TCS warning lamp
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment



ws	=	white
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or	=	orange
rs	=	pink

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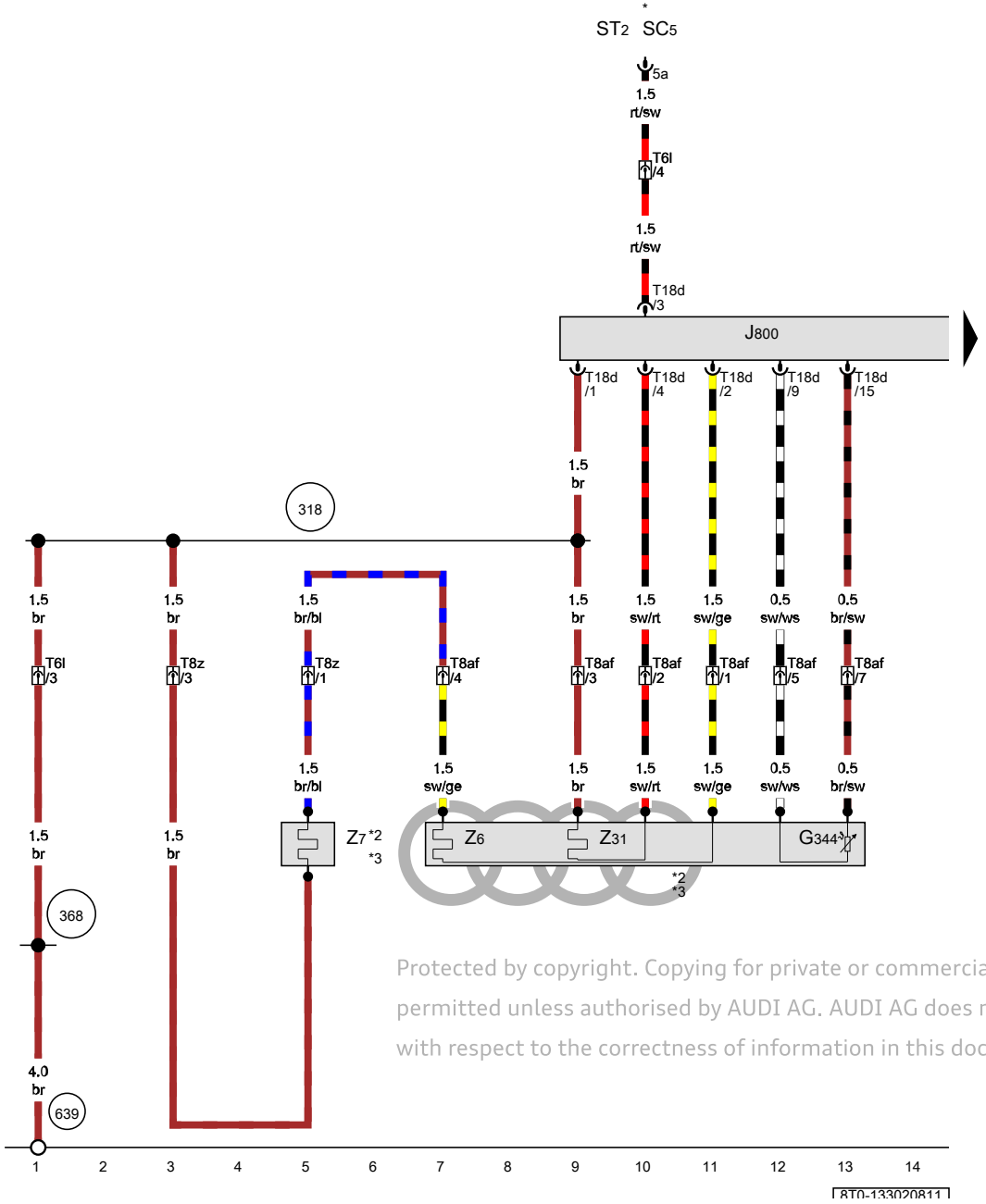
Ventilated seat with seat heating, 5-door vehicle

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Front left seat temperature sender, Control unit for front left seat ventilation, Fuse carrier 2, Fuse 5 on fuse holder C, Heated seat cushion for driver seat, Heated backrest for driver seat, Driver seat cushion lateral support heater

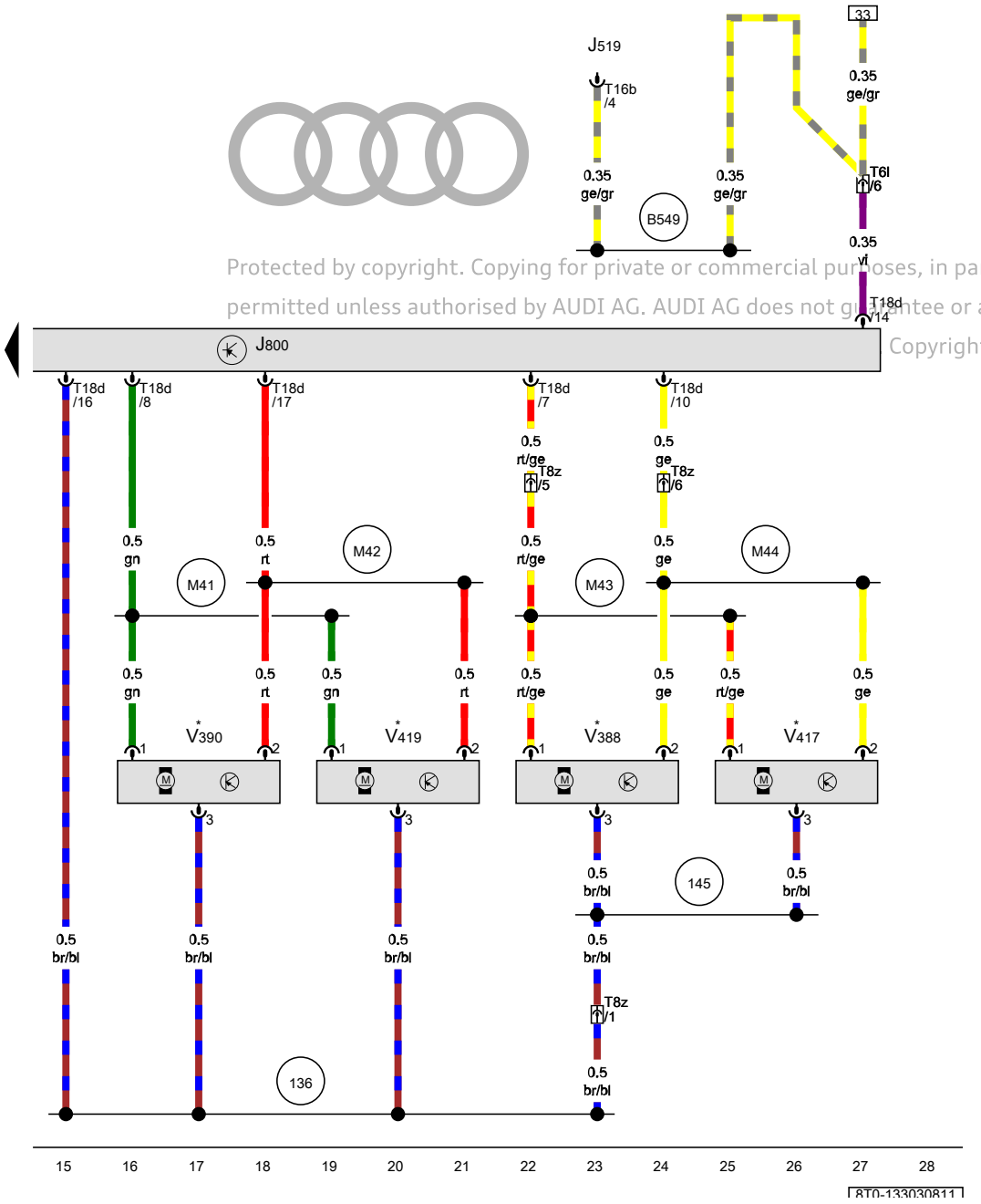
G344	Front left seat temperature sender
J800	Control unit for front left seat ventilation
ST2	Fuse carrier 2
SC5	Fuse 5 on fuse holder C
T6l	6-pin connector, green
T8af	8-pin connector, in driver seat
T8z	8-pin connector, in driver seat
T18d	18-pin connector
Z6	Heated seat cushion for driver seat
Z7	Heated backrest for driver seat
Z31	Driver seat cushion lateral support heater
318	Earth connection 4, in seat heating wiring harness
368	Earth connection 3, in main wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for fuse assignment
*2	Only models with ventilated seats
*3	see applicable current flow diagram for seat heating



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

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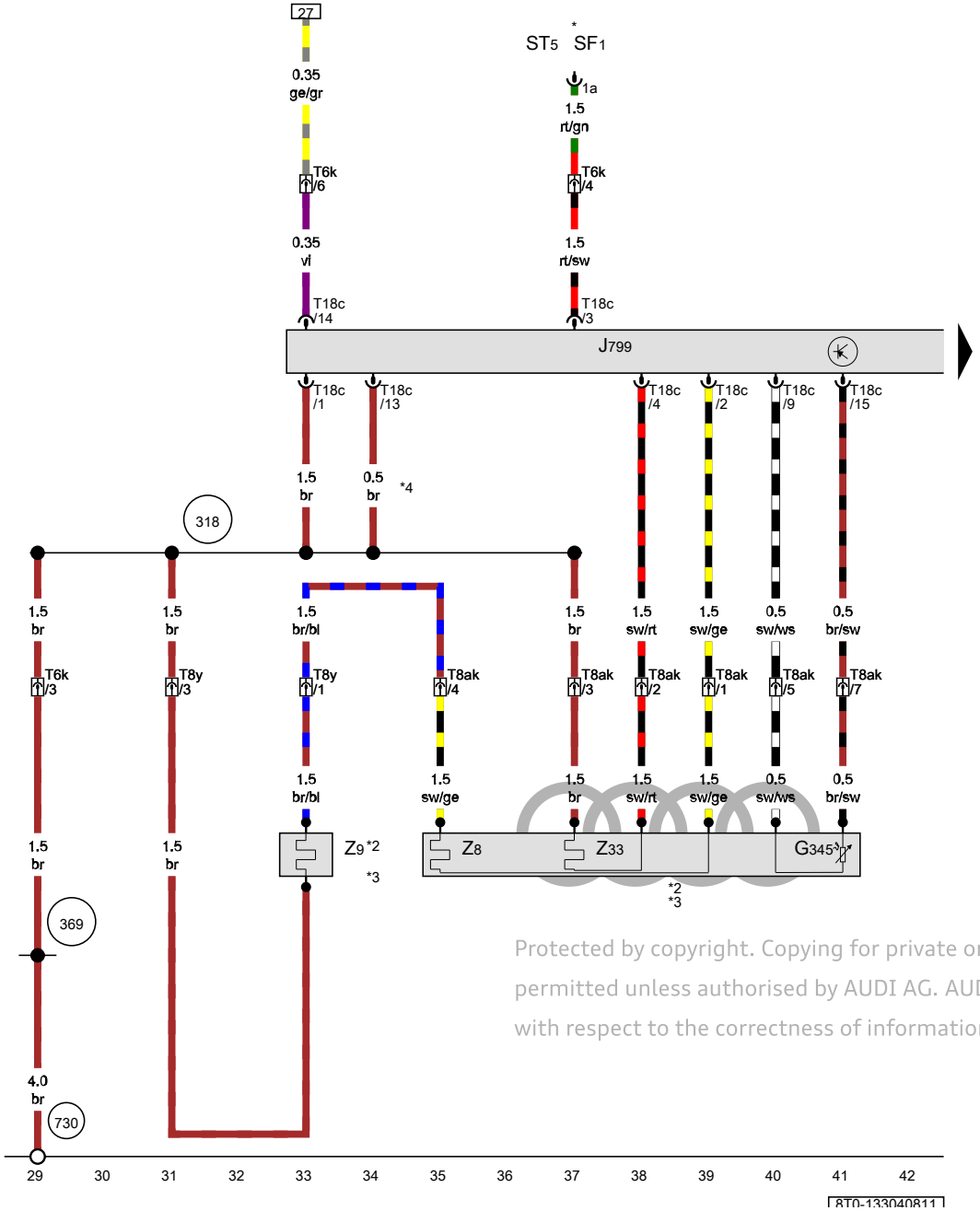
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Control unit for front left seat ventilation, Driver seat backrest fan, Driver seat cushion fan, Driver seat backrest fan 2, Driver seat cushion fan 2

J519	Onboard supply control unit
J800	Control unit for front left seat ventilation
T6l	6-pin connector, green
T8z	8-pin connector, in driver seat
T16b	16-pin connector
T18d	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
B549	Connection 2 (LIN bus) in main 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
*	Only models with ventilated seats



Front right seat temperature sender, Control unit for front right seat ventilation, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat, Front passenger seat lateral support heater

G345	Front right seat temperature sender
J799	Control unit for front right seat ventilation
SF1	Fuse 1 in fuse holder F
ST5	Fuse carrier 5
T6k	6-pin connector, green
T8ak	8-pin connector, in front passenger seat
T8y	8-pin connector, in front passenger seat
T18c	18-pin connector
Z8	Heated seat cushion for front passenger seat
Z9	Heated backrest for front passenger seat
Z33	Front passenger seat lateral support heater
318	Earth connection 4, in seat heating wiring harness
369	Earth connection 4, in main wiring harness
730	Earth point 1, on right rear wheel housing
*	see applicable current flow diagram for fuse assignment
*2	Only models with ventilated seats
*3	see applicable current flow diagram for seat heating
*4	Coding wire for front passenger seat

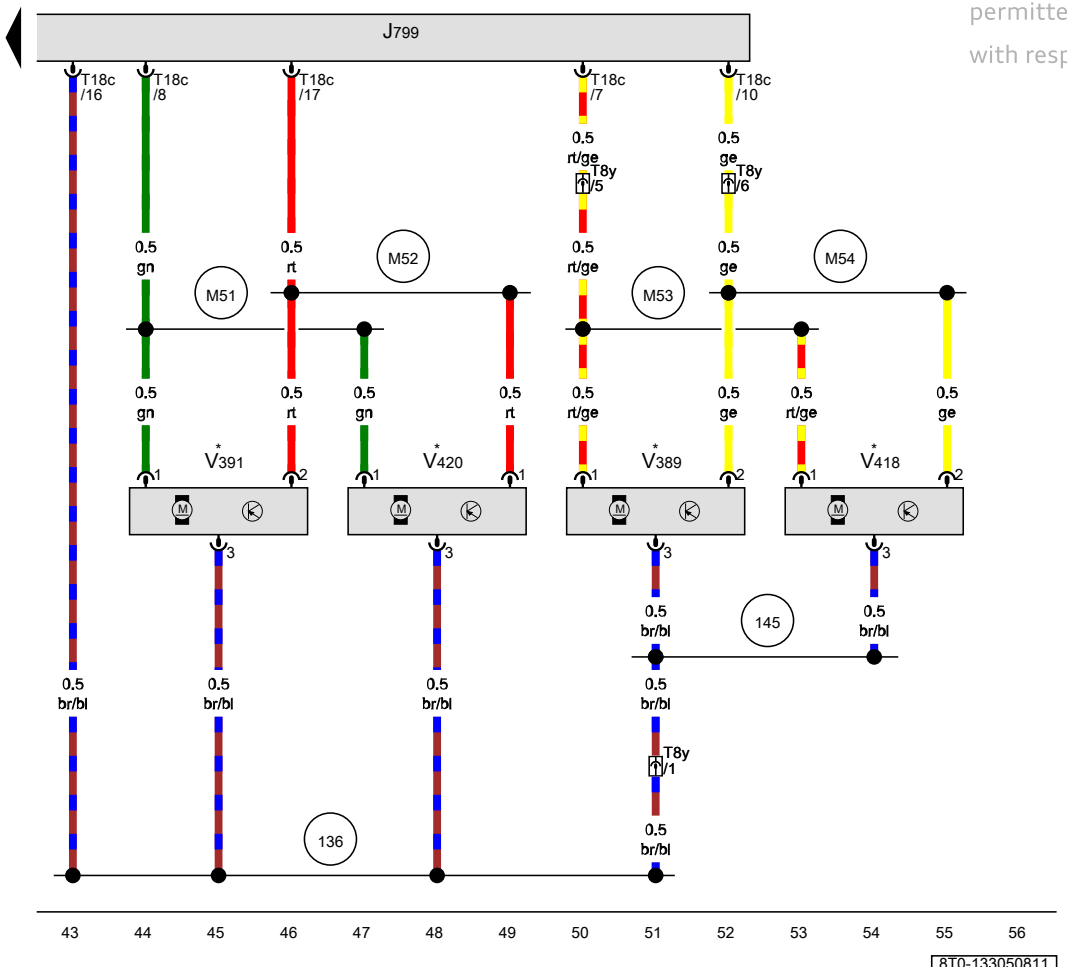
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Control unit for front right seat ventilation, Front passenger seat backrest fan, Front passenger seat cushion fan, Front passenger seat backrest fan 2, Front passenger seat cushion fan 2

J799	Control unit for front right seat ventilation
T8y	8-pin connector, in front passenger seat
T18c	18-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
*	Only models with ventilated seats

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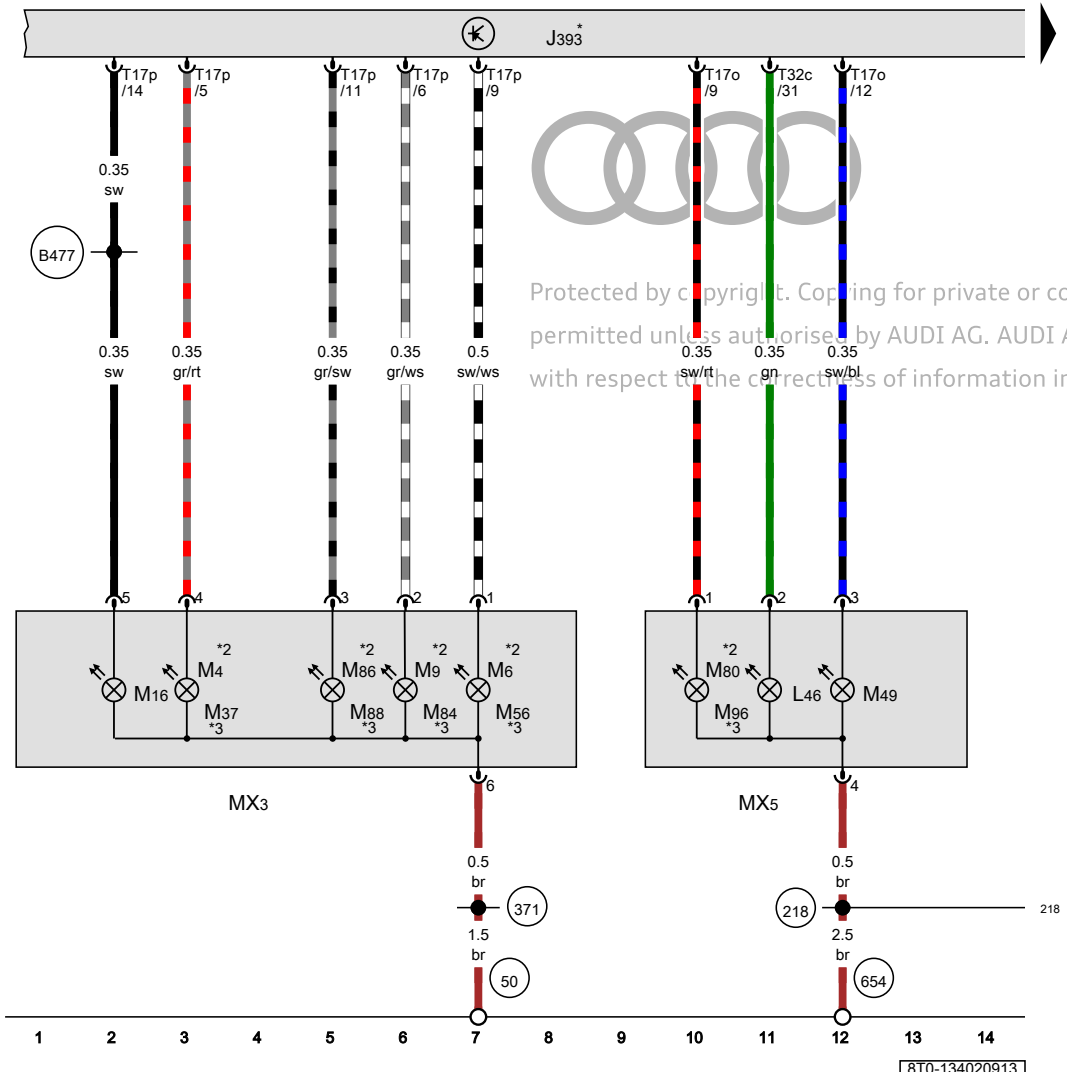
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Tail light cluster with LED, 5-door vehicle

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Convenience system central control unit, Left tail light, Left tail light 2

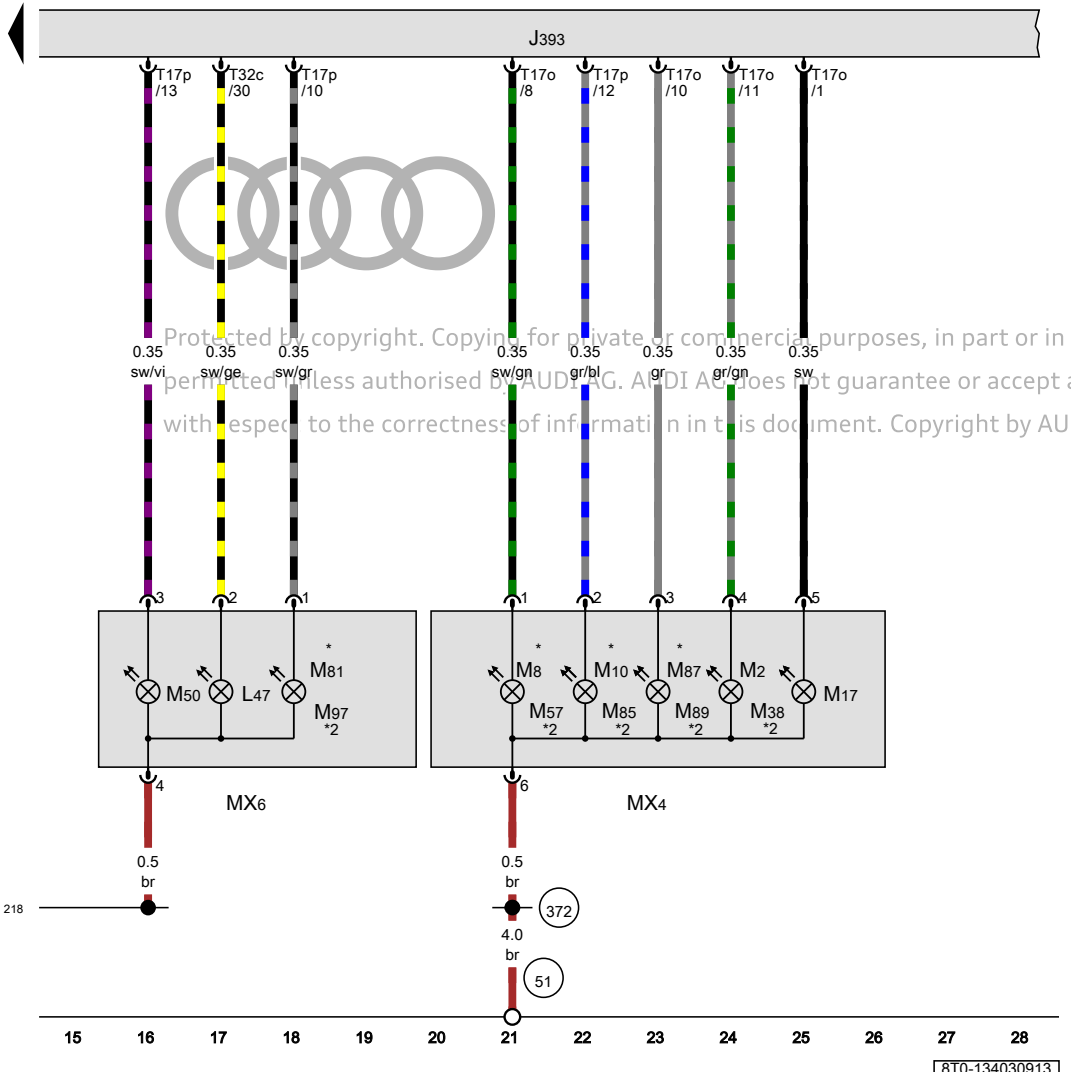


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J393	Convenience system central control unit
L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
MX5	Left tail light 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M37	Rear left side marker bulb
M49	Left tail light bulb 2
M56	Left brake and turn signal bulb
M80	Bulb 2 for rear left turn signal
M84	Left brake and turn signal bulb 2
M86	Left brake light bulb 2
M88	Left brake and turn signal bulb 3
M96	Left brake and turn signal bulb 4
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
50	Earth point, on left in luggage compartment
218	Earth connection 1, in rear lid wiring harness
371	Earth connection 6, in main wiring harness
654	Earth point, on right D-pillar
B477	Connection 13, in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	Only models with no US equipment
*3	Only models with US equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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ge	=	yellow
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Convenience system central control unit, Right tail light, Right tail light 2



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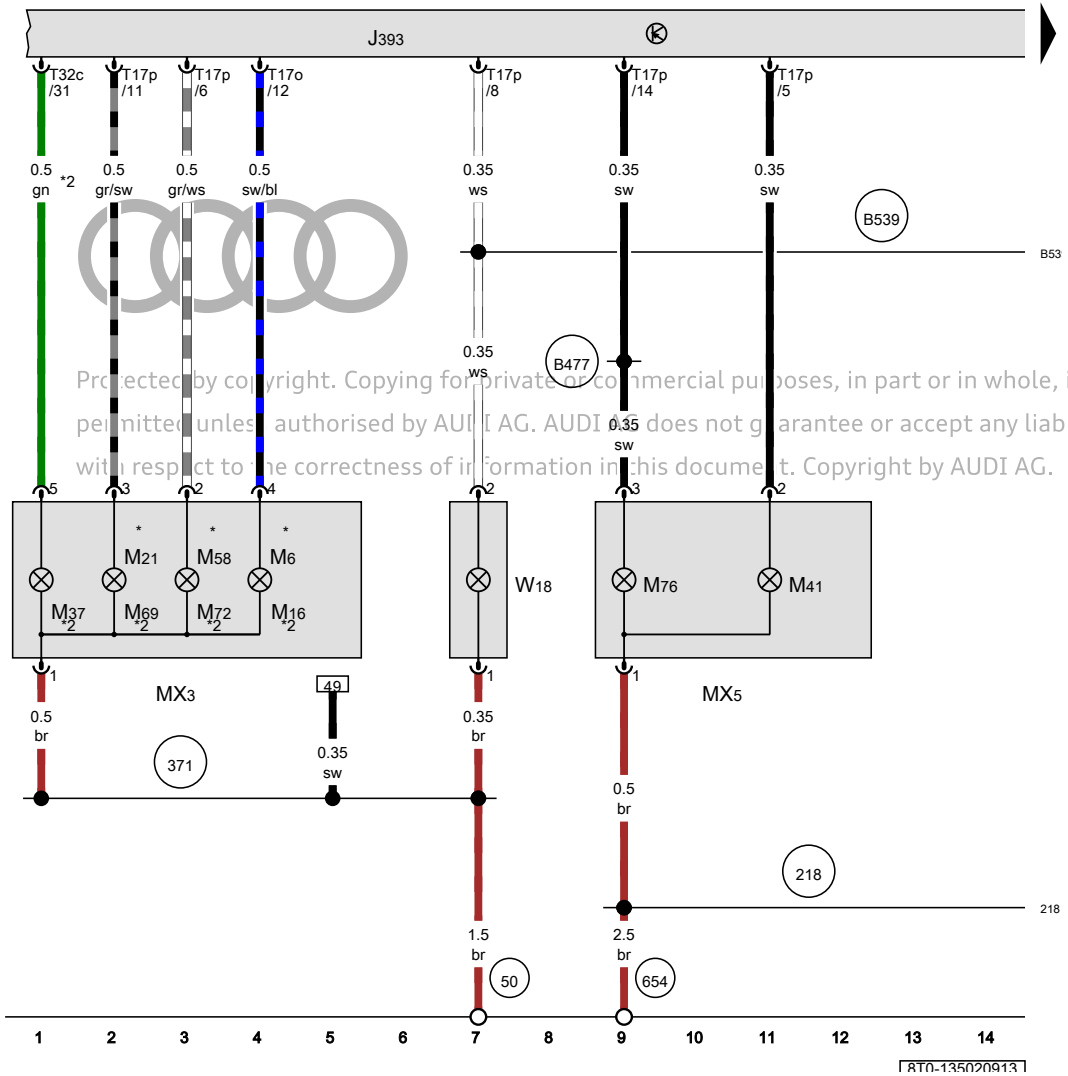
J393	Convenience system central control unit
L47	Rear right fog light bulb
M2	Right tail light bulb
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M10	Right brake light bulb
M17	Right reversing light bulb
M38	Rear right side marker bulb
M50	Right tail light bulb 2
M57	Right brake and turn signal bulb
M81	Bulb 2 for rear right turn signal
M85	Right brake and turn signal bulb 2
M87	Right brake light bulb 2
M89	Right brake and turn signal bulb 3
M97	Right brake and turn signal bulb 4
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness
*	Only models with no US equipment
*2	Only models with US equipment

Rear lid and tail lights, 5-door vehicle

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Convenience system central control unit, Left tail light, Left tail light 2, Luggage compartment light on left

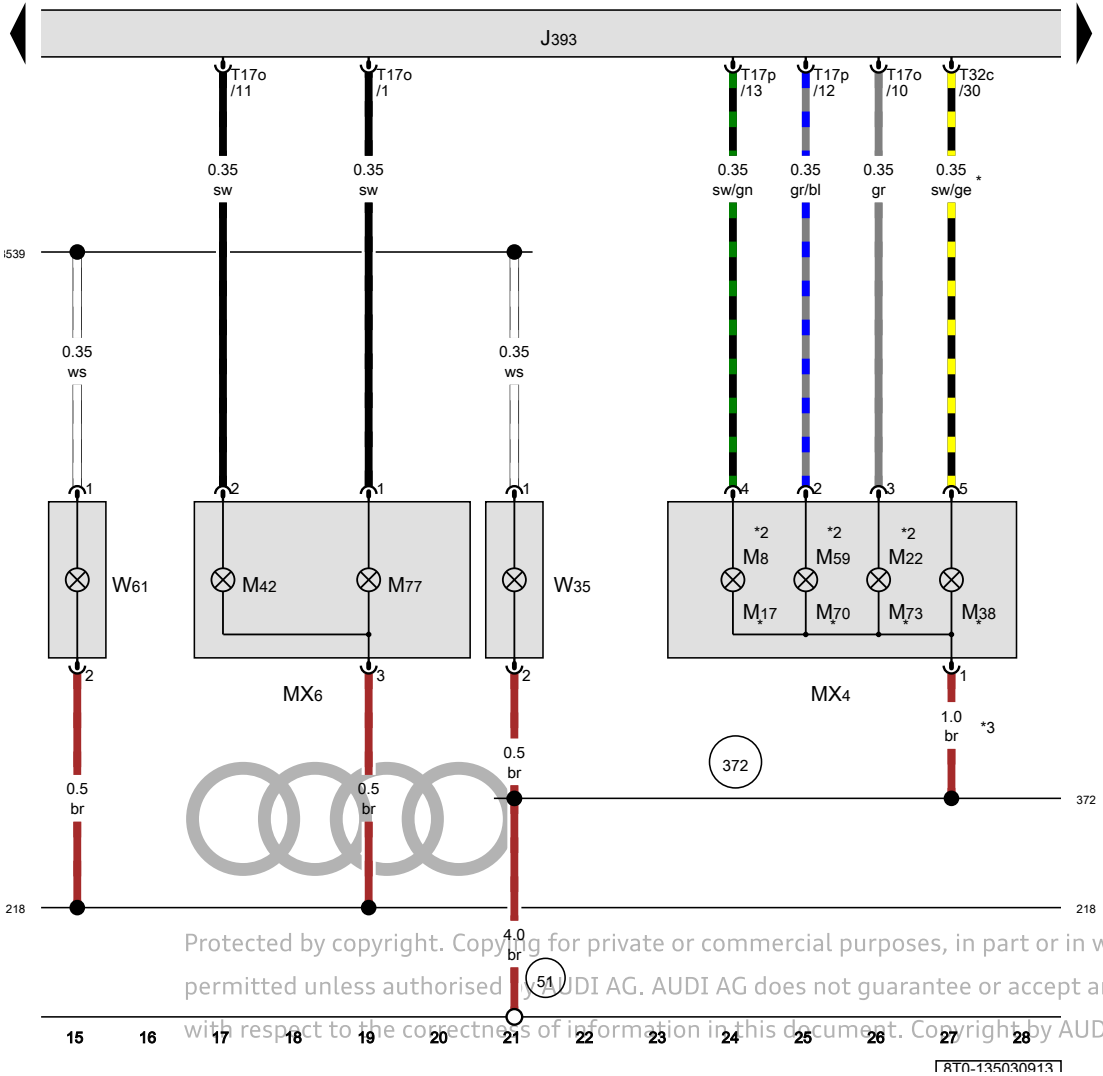


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J393	Convenience system central control unit
MX3	Left tail light
MX5	Left tail light 2
M6	Rear left turn signal bulb
M16	Left reversing light bulb
M21	Left brake and tail light bulb
M37	Rear left side marker bulb
M41	Left tail light and rear fog light bulb
M58	Left brake and tail light bulb 2
M69	Left brake, turn signal and tail light bulb
M72	Bulb 2 for left brake, turn signal and tail light
M76	Left reversing light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
W18	Luggage compartment light on left
50	Earth point, on left in luggage compartment
218	Earth connection 1, in rear lid wiring harness
371	Earth connection 6, in main wiring harness
654	Earth point, on right D-pillar
B477	Connection 13, in main wiring harness
B539	Connection 30, in main wiring harness
*	Only models with no US equipment
*2	Only models with US 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, Right tail light, Right tail light 2, Right luggage compartment light, Surround lighting 1 in rear lid



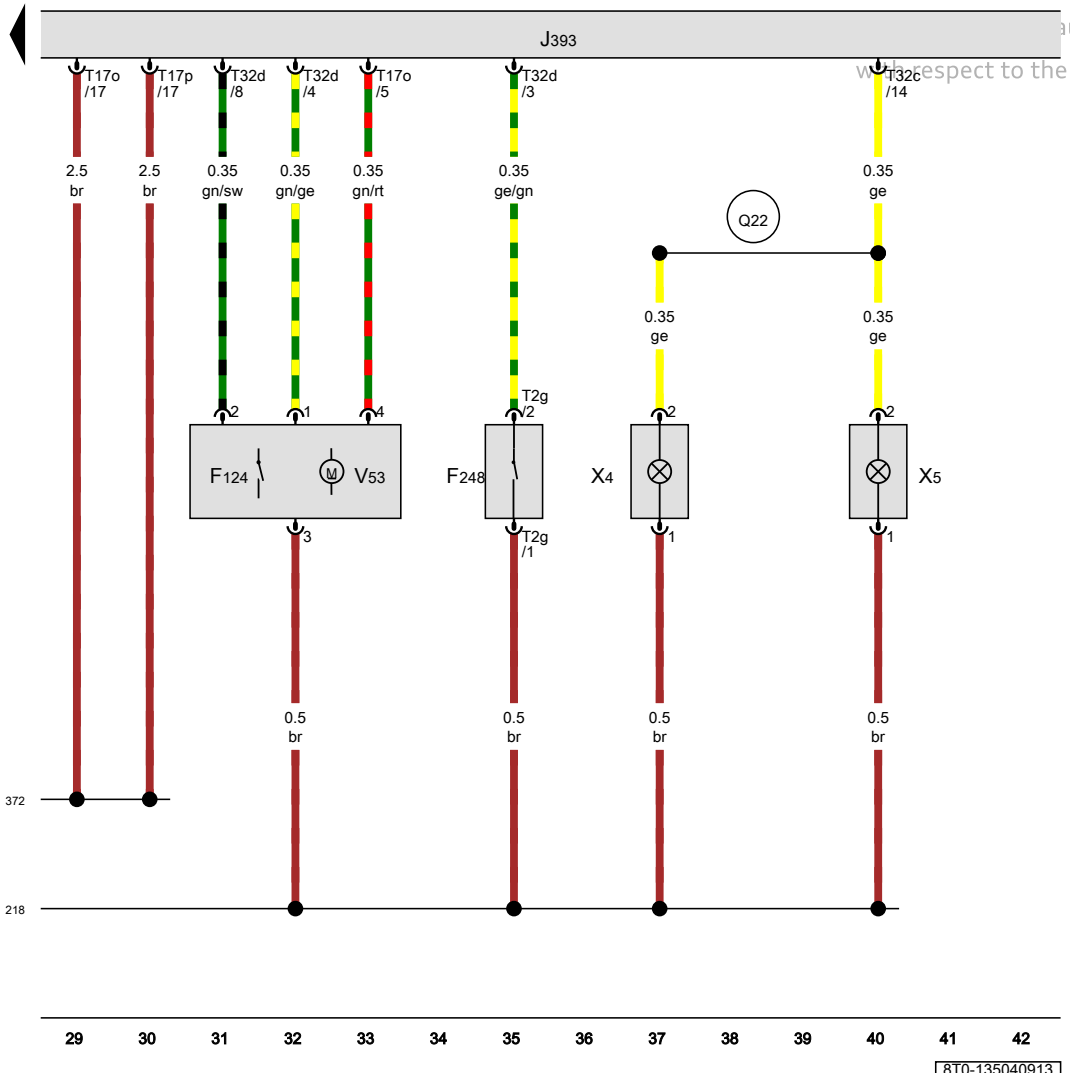
J393	Convenience system central control unit
MX4	Right tail light
MX6	Right tail light 2
M8	Rear right turn signal bulb
M17	Right reversing light bulb
M22	Right brake and tail light bulb
M38	Rear right side marker bulb
M42	Right tail light and rear fog light bulb
M59	Right brake and tail light bulb 2
M70	Right brake, turn signal and tail light bulb
M73	Bulb 2 for right brake, turn signal and tail light
M77	Right reversing light bulb 2
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
W35	Right luggage compartment light
W61	Surround lighting 1 in rear lid
51	Earth point, on right in luggage compartment
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness
B539	Connection 30, in main wiring harness
*	Only models with US equipment
*2	Only models with no US equipment
*3	Cross section depends on equipment

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Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system, Release button for rear lid lock cylinder, Convenience system central control unit, 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
T2g	2-pin connector
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
T32d	32-pin connector
V53	Rear lid central locking motor
X4	Left number plate light
X5	Right number plate light
218	Earth connection 1, in rear lid wiring harness
372	Earth connection 7, in main wiring harness
Q22	Connection 1, in rear lid wiring harness

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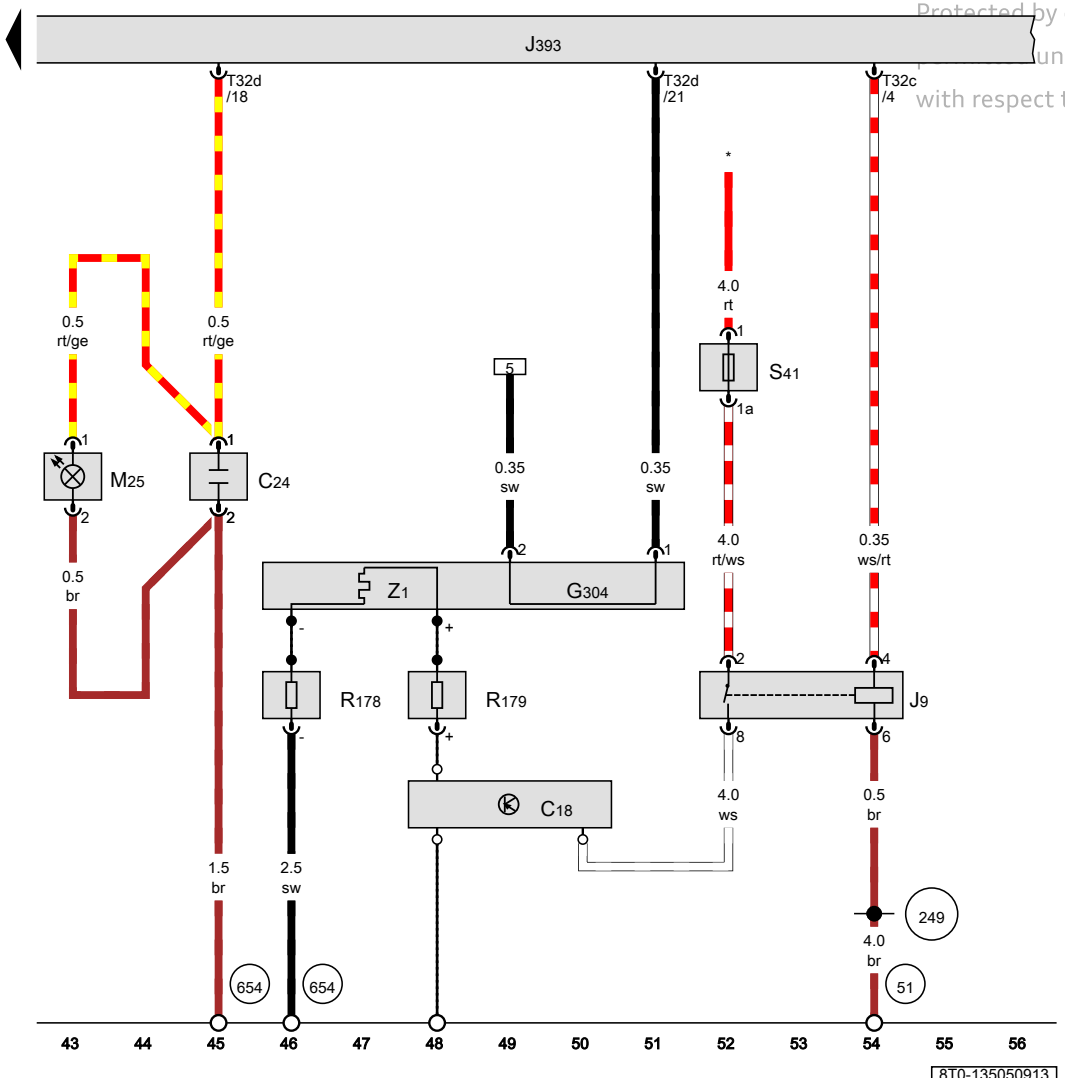


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vi	=	purple
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or	=	orange
rs	=	pink

Glass breakage sensor for rear window, Convenience system central control unit, Additional brake light bulb, Heated rear window

C18	Window aerial suppression filter
C24	Suppression filter
G304	Glass breakage sensor for rear window
J9	Heated rear window relay
J393	Convenience system central control unit
M25	Additional brake light bulb
R178	Frequency modulation (FM) frequency filter in negative wire
R179	Frequency modulation (FM) frequency filter in positive wire
S41	Heated rear window single fuse
T32c	32-pin connector
T32d	32-pin connector
Z1	Heated rear window
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
654	Earth point, on right D-pillar
*	see applicable current flow diagram for fuse assignment

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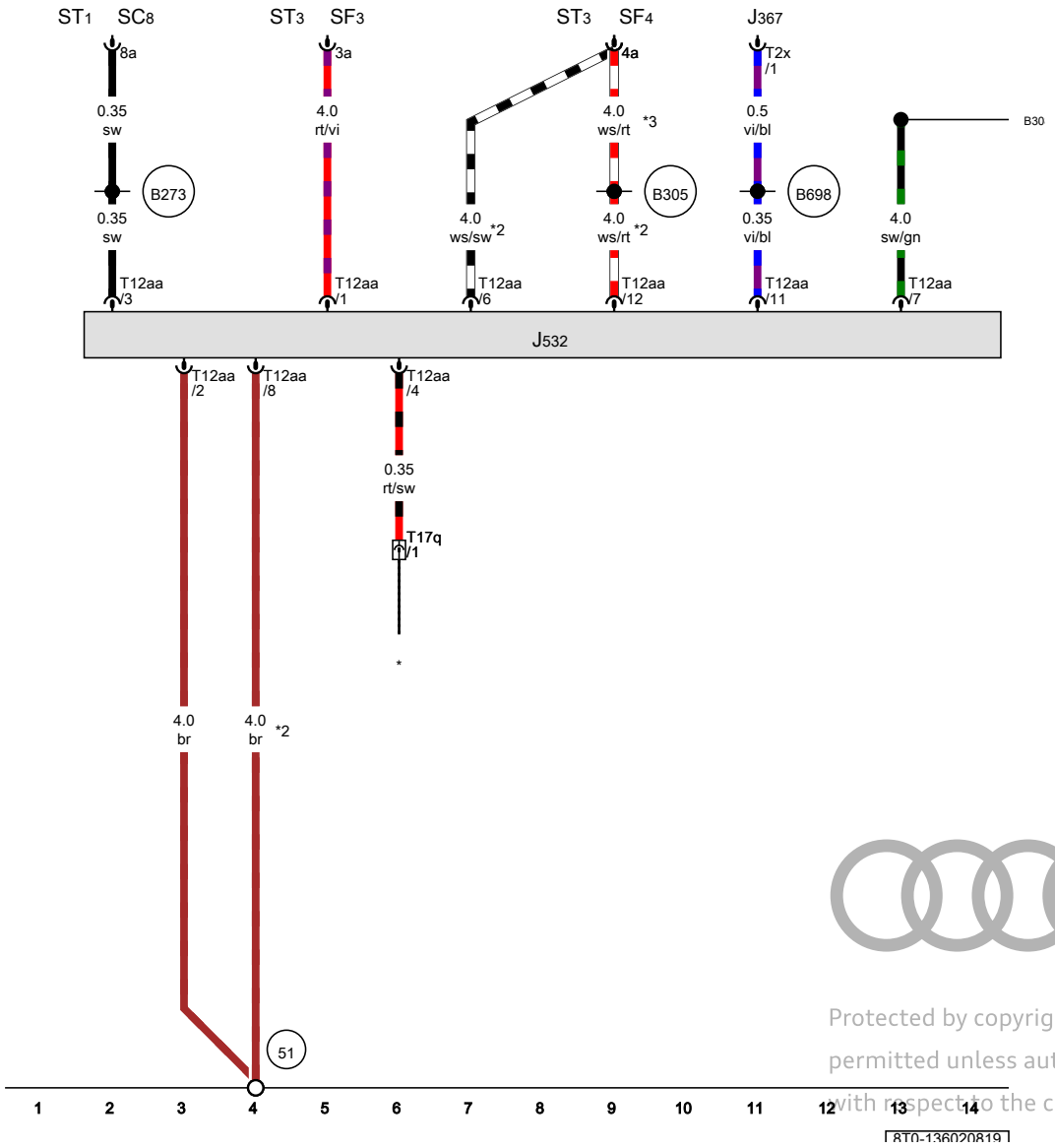


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Start/stop system

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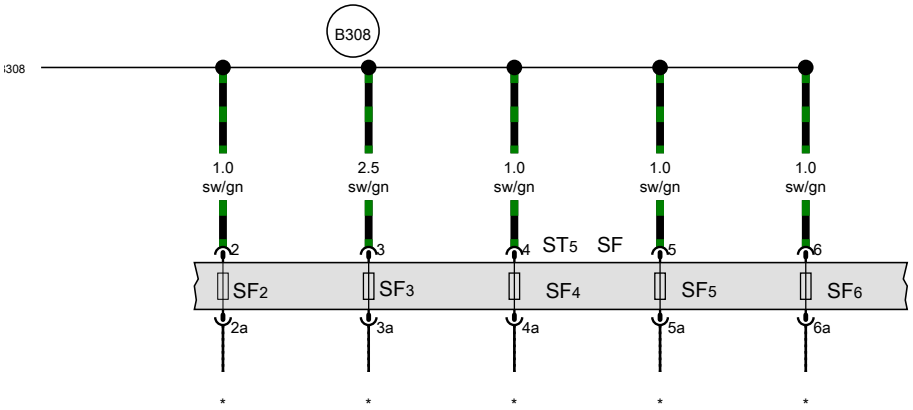


Voltage stabiliser

J367	Battery monitor control unit
J532	Voltage stabiliser
ST1	Fuse carrier 1
ST3	Fuse carrier 3
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
SC8	Fuse 8 on fuse holder C
T2x	2-pin connector
T12aa	12-pin connector
T17q	17-pin connector
51	Earth point, on right in luggage compartment
B273	Positive connection (15), in main wiring harness
B305	Positive connection 9 (30), in main wiring harness
B308	Positive connection 12 (30), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for engine
*2	For models with 400 W voltage stabiliser
*3	For models with no start/stop system

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rt	=	red
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Fuse holder F, Fuse carrier 5

SF	Fuse holder F
SF2	Fuse 2 in fuse holder F
SF3	Fuse 3 in fuse holder F
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF5	Fuse 5 in fuse holder F
SF6	Fuse 6 in fuse holder F
B308	Positive connection 12 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment

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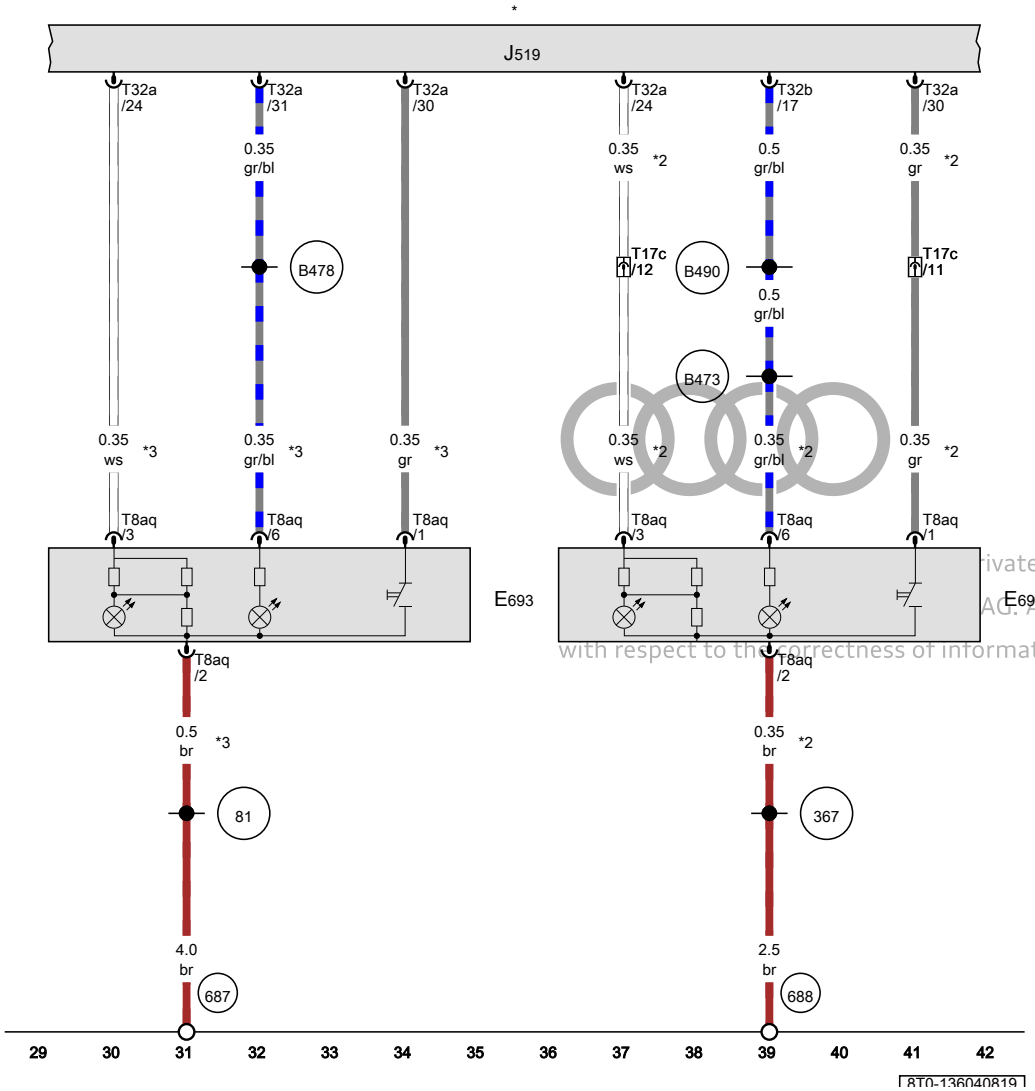
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rs	=	pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

8T0-1360308191

Start/Stop operation button

E693	Start/Stop operation button
J519	Onboard supply control unit
T8aq	8-pin connector
T17c	17-pin connector, black
T32a	32-pin connector
T32b	32-pin connector
81	Earth connection 1, in dash panel wiring harness
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B473	Connection 9, in main wiring harness
B478	Connection 14, in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram for basic equipment
*2	For models with no navigation system
*3	For models with navigation system



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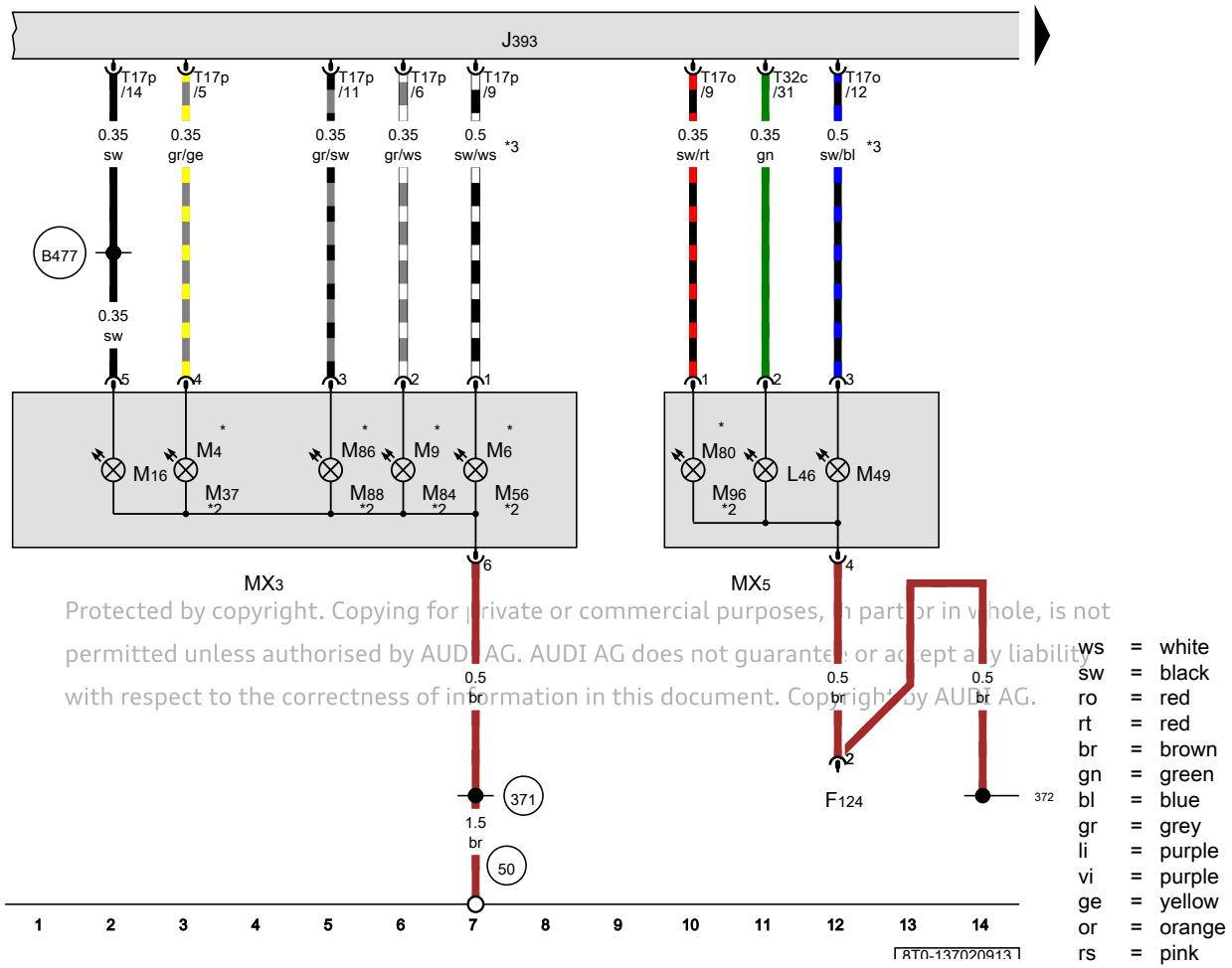
Tail light cluster with LED, 2-door vehicle

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Left tail light, Left tail light 2

F124	Contact switch in lock cylinder for rear lid, anti-theft alarm system and central locking system
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
M37	Rear left side marker bulb
M49	Left tail light bulb 2
M56	Left brake and turn signal bulb
M80	Bulb 2 for rear left turn signal
M84	Left brake and turn signal bulb 2
M86	Left brake light bulb 2
M88	Left brake and turn signal bulb 3
M96	Left brake and turn signal bulb 4
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
372	Earth connection 7, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with no US equipment
*2	Only models with US equipment
*3	Cross section depends on equipment

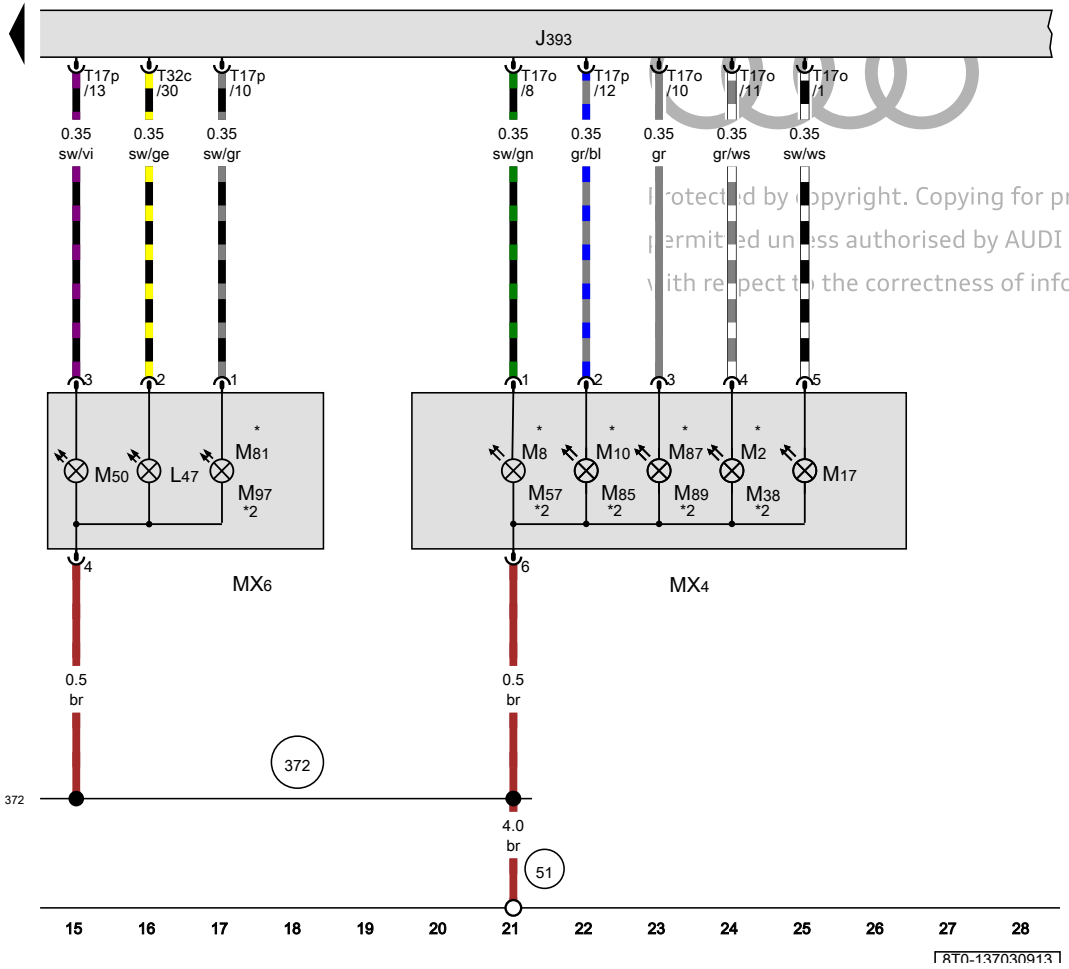


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Right tail light, Right tail light 2

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
M38	Rear right side marker bulb
M50	Right tail light bulb 2
M57	Right brake and turn signal bulb
M81	Bulb 2 for rear right turn signal
M85	Right brake and turn signal bulb 2
M87	Right brake light bulb 2
M89	Right brake and turn signal bulb 3
M97	Right brake and turn signal bulb 4
T17o	17-pin connector
T17p	17-pin connector
T32c	32-pin connector
51	Earth point, on right in luggage compartment
372	Earth connection 7, in main wiring harness
*	Only models with no US equipment
*2	Only models with US equipment



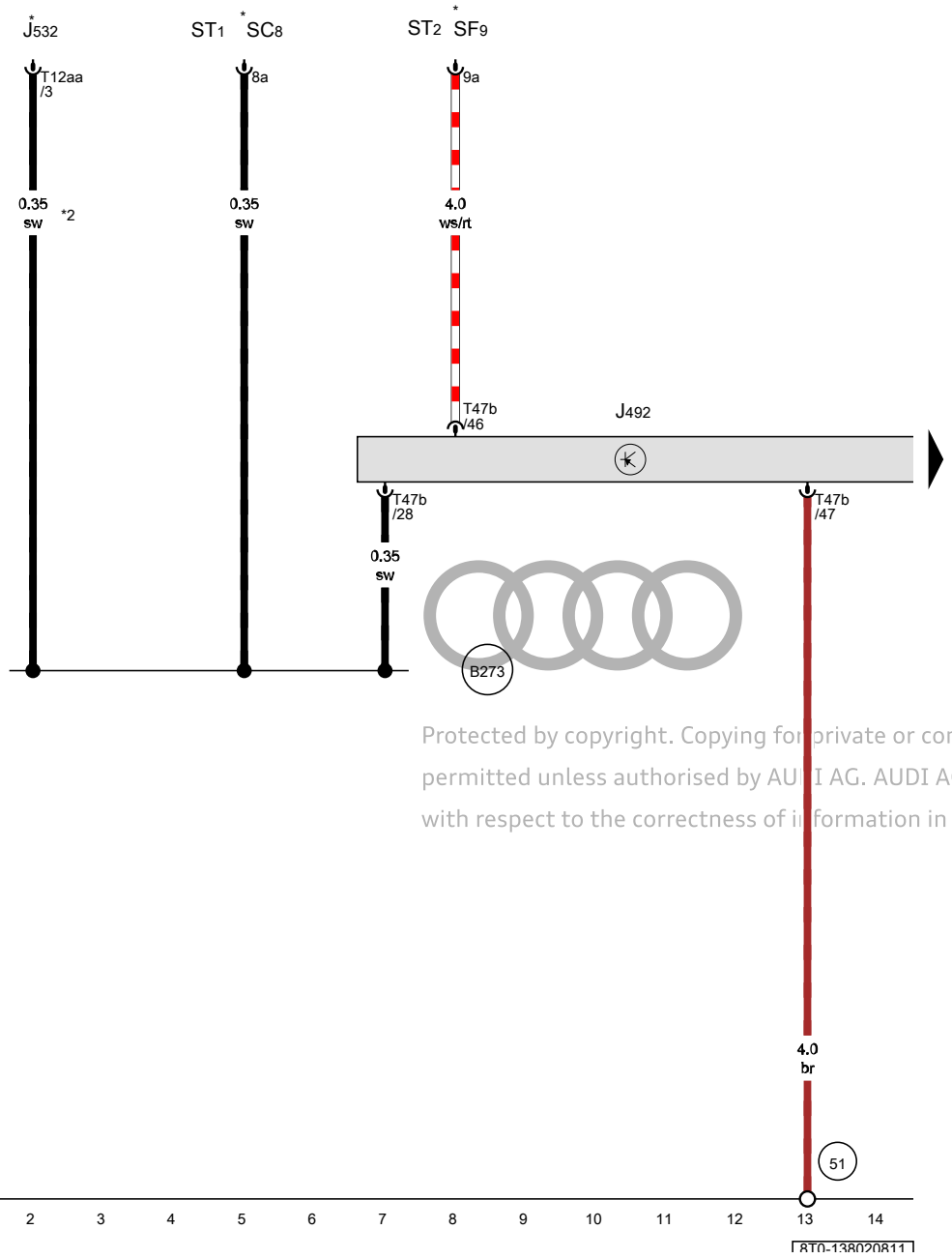
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rt	=	red
br	=	brown
gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Rear final drive - sport differential

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All-wheel drive control unit

J492	All-wheel drive control unit
J532	Voltage stabiliser
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC8	Fuse 8 on fuse holder C
SF9	Fuse 9 in fuse holder F
T12aa	12-pin connector
T47b	47-pin connector
51	Earth point, on right in luggage compartment
B273	Positive connection (15), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only models with stop/start system

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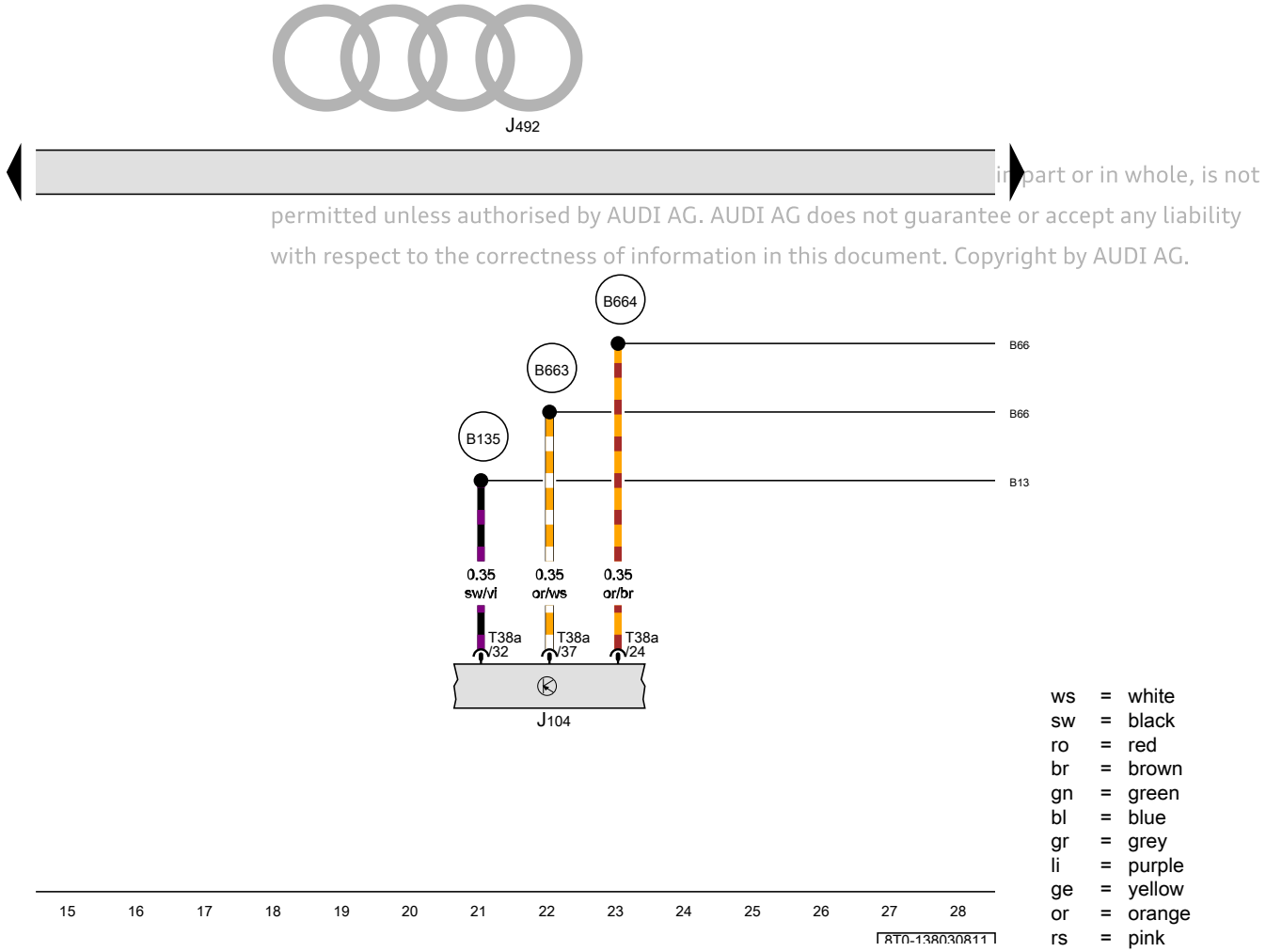
ABS control unit, All-wheel drive control unit

J104 ABS control unit
J492 All-wheel drive control unit
T38a 38-pin connector

B135 Connection 1 (15a), in interior wiring harness

B663 Connection (running gear sensors CAN bus, high), in main wiring harness

B664 Connection (running gear sensors CAN bus, low), in main wiring harness

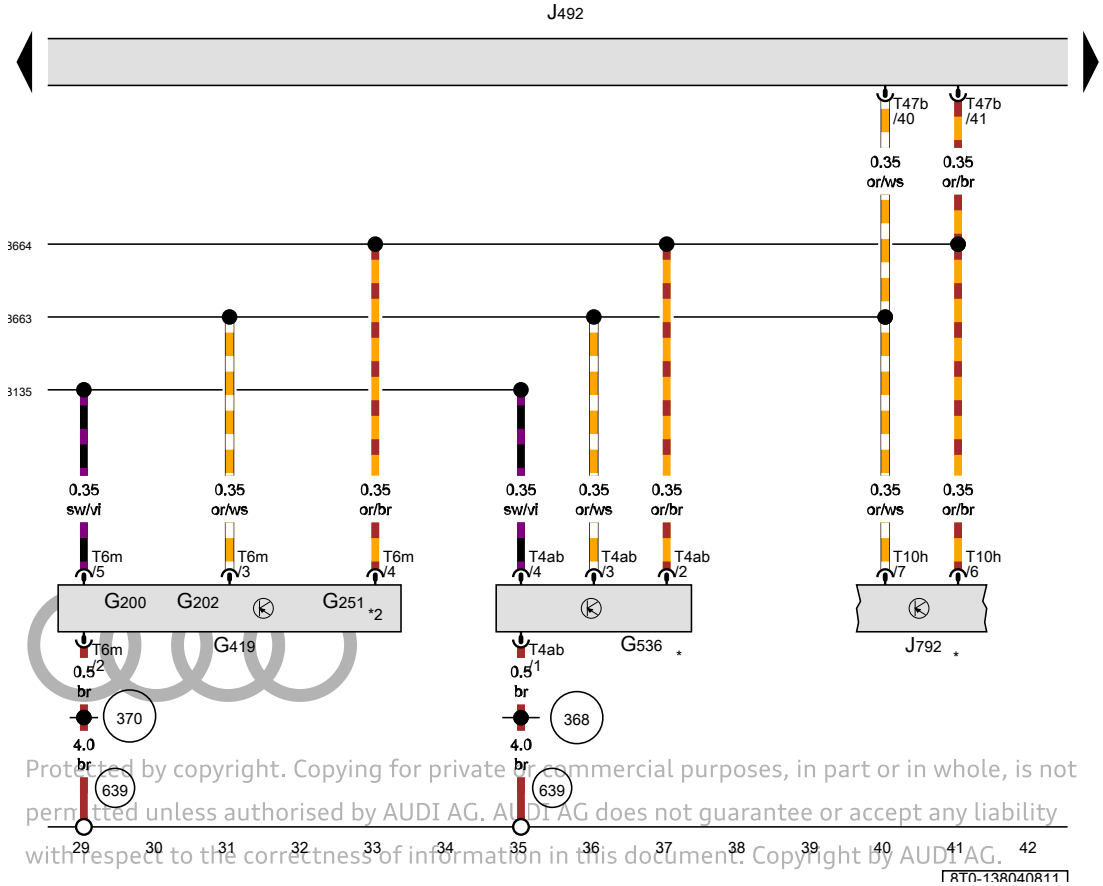


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ESP sensor unit, ESP sensor unit 2, All-wheel drive control unit, Active steering control unit

G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G419	ESP sensor unit
G536	ESP sensor unit 2
J492	All-wheel drive control unit
J792	Active steering control unit
T4ab	4-pin connector
T6m	6-pin connector
T10h	10-pin connector
T47b	47-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B135	Connection 1 (15a), in interior wiring harness
B663	Connection (running gear sensors CAN bus, high), in main wiring harness
B664	Connection (running gear sensors CAN bus, low), in main wiring harness
*	Special equipment
*2	Only models with all-wheel drive

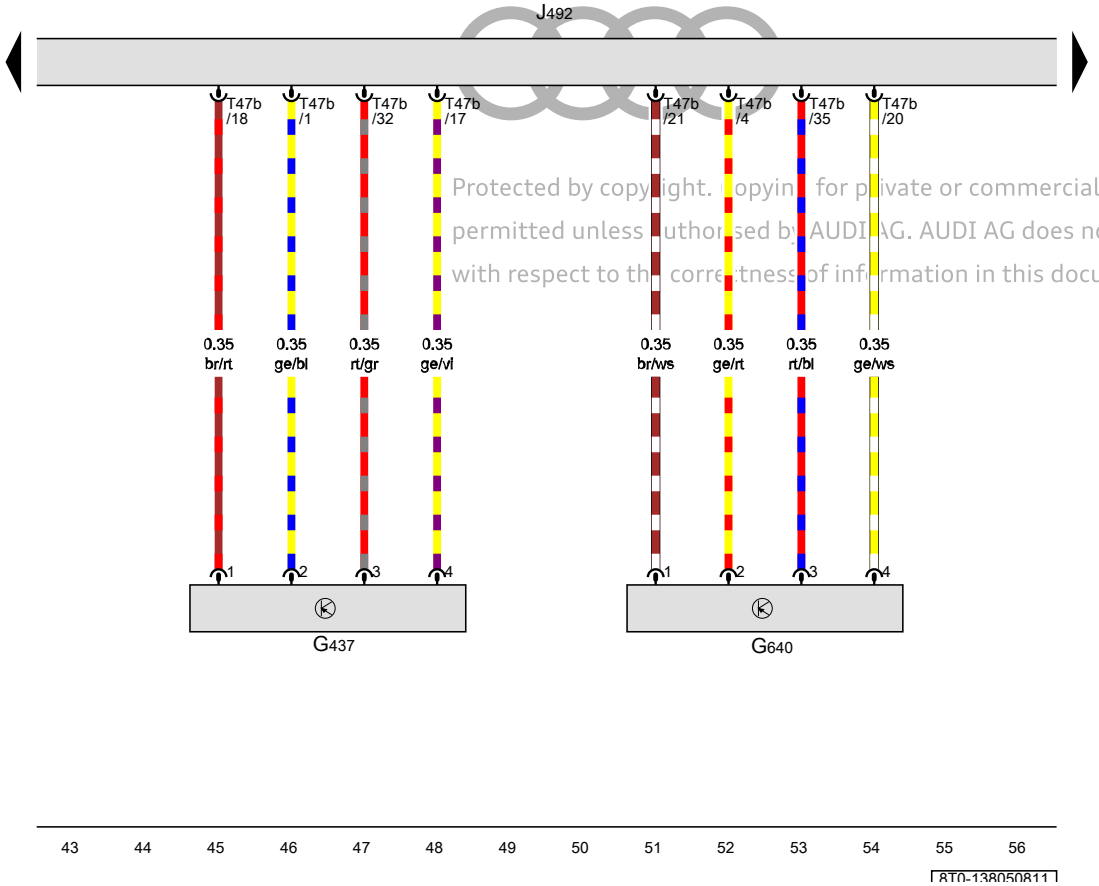


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Oil pressure and oil temperature sender, Oil pressure and oil temperature sender 2, All-wheel drive control unit

G437	Oil pressure and oil temperature sender
G640	Oil pressure and oil temperature sender 2
J492	All-wheel drive control unit
T47b	47-pin connector

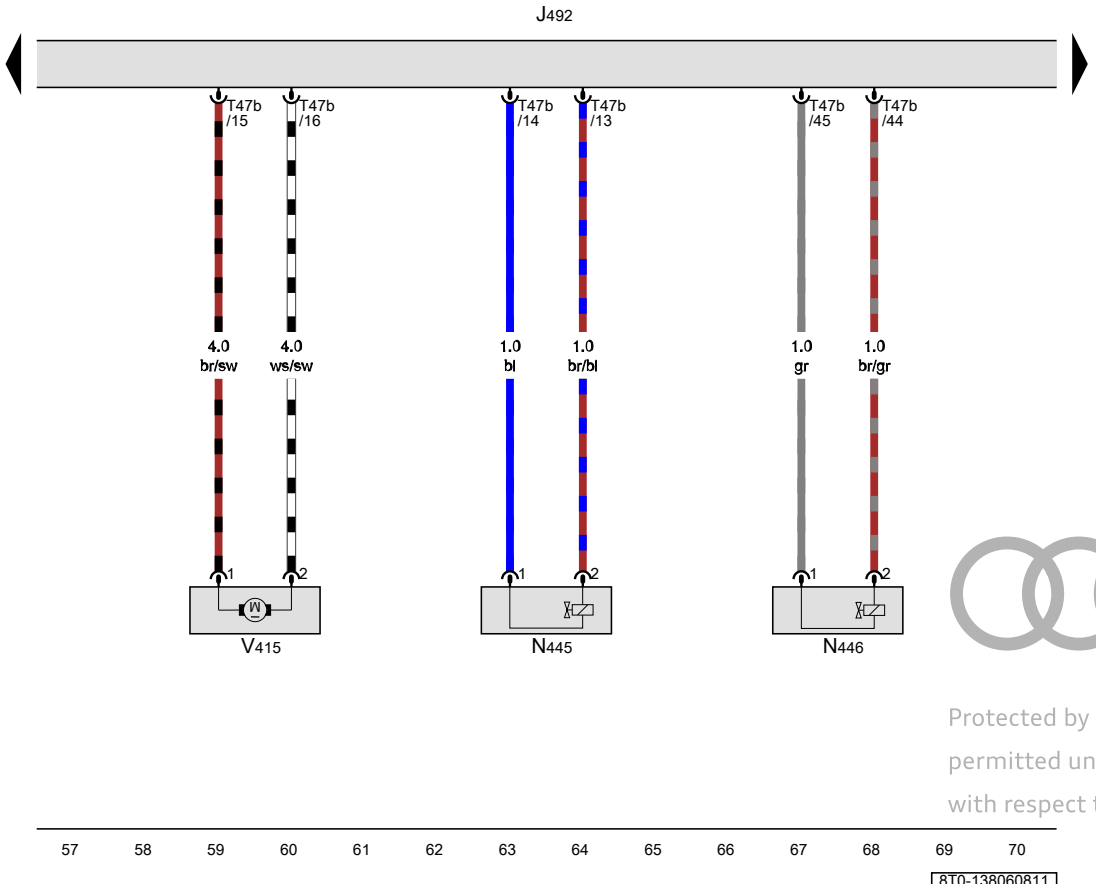


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All-wheel drive control unit, Clutch valve for all-wheel drive, Clutch valve 2 for all-wheel drive, All-wheel drive pump

J492 All-wheel drive control unit
N445 Clutch valve for all-wheel drive
N446 Clutch valve 2 for all-wheel drive
T47b 47-pin connector
V415 All-wheel drive pump



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All-wheel drive control unit, Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness, Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

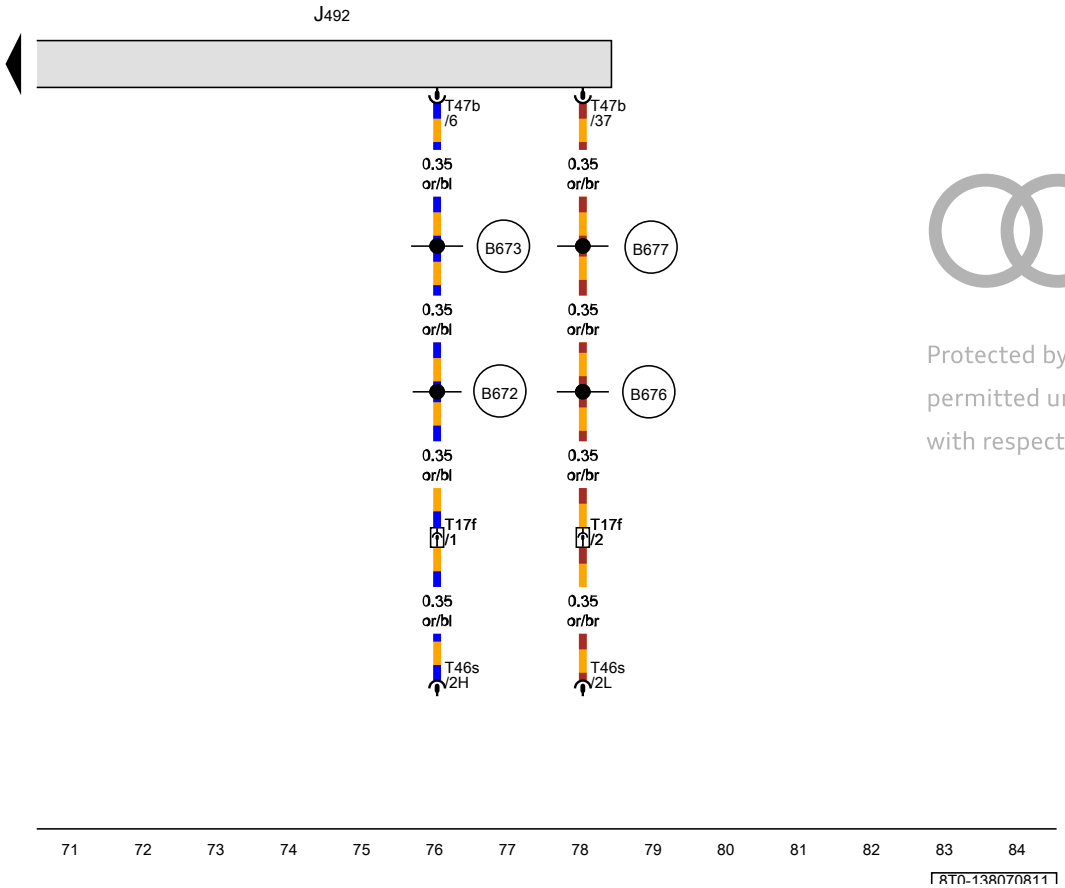
J492 All-wheel drive control unit
T17f 17-pin connector, brown
T46s 46-pin connector
T47b 47-pin connector

B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness

B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness

B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness

B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness



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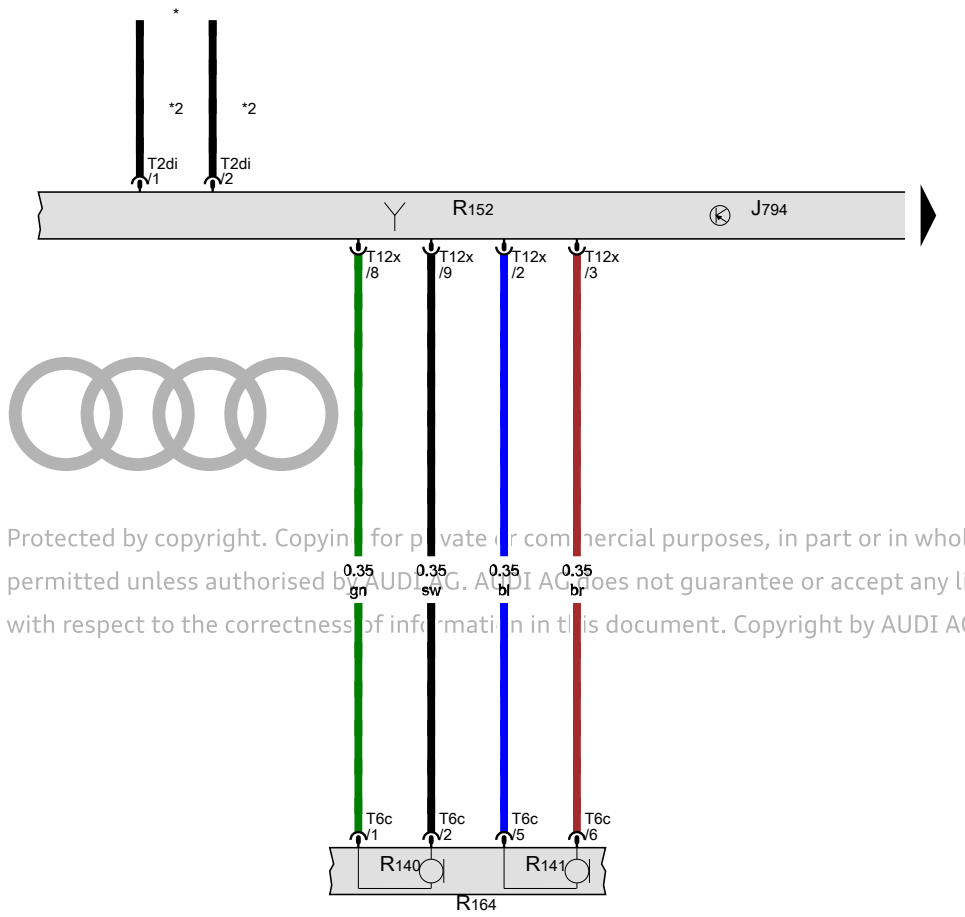
Bluetooth car phone (MOST bus)

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Control unit 1 for information electronics, Front left microphone, Front right microphone, Aerial for Bluetooth, Microphone unit in front roof module

J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
T2di	2-pin connector
T6c	6-pin connector
T12x	12-pin connector
*	see applicable current flow diagram
*2	Fibre optic cable (FOC)

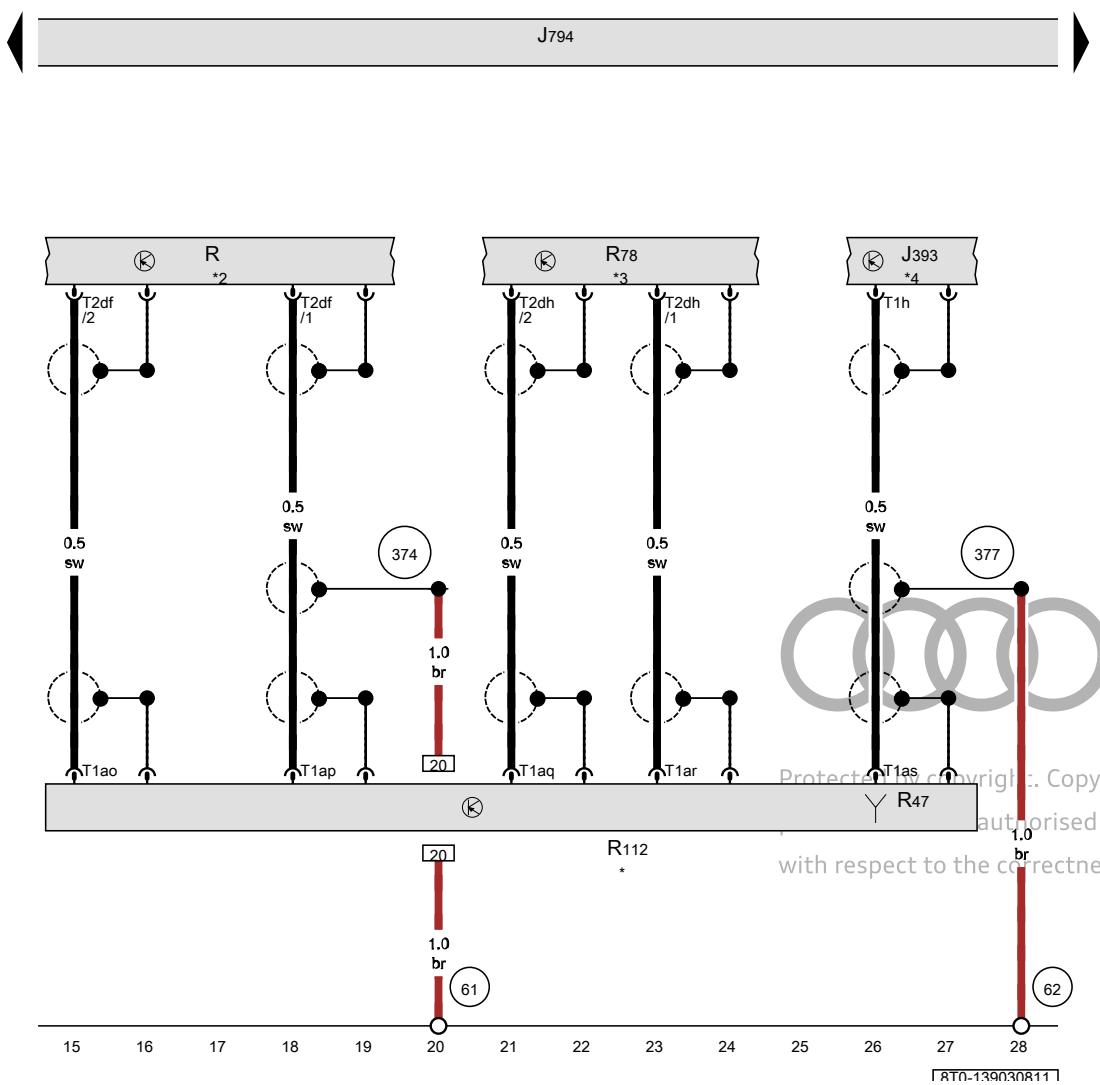


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ge	=	yellow
or	=	orange
rs	=	pink

Convenience system central control unit, Control unit 1 for information electronics, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

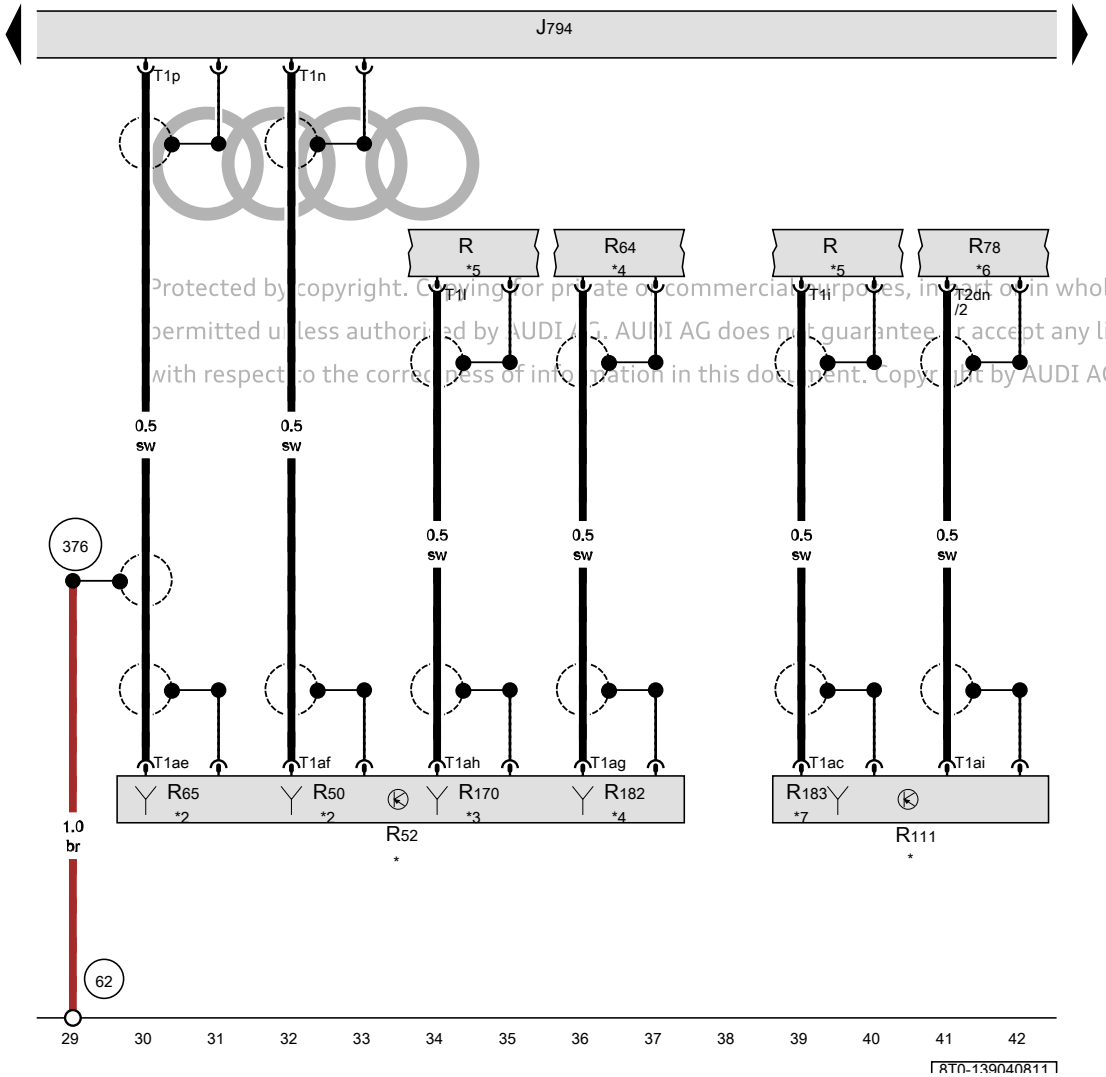
J393	Convenience system central control unit
J794	Control unit 1 for information electronics
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with radio
*3	Only models with TV tuner
*4	see applicable current flow diagram for basic equipment



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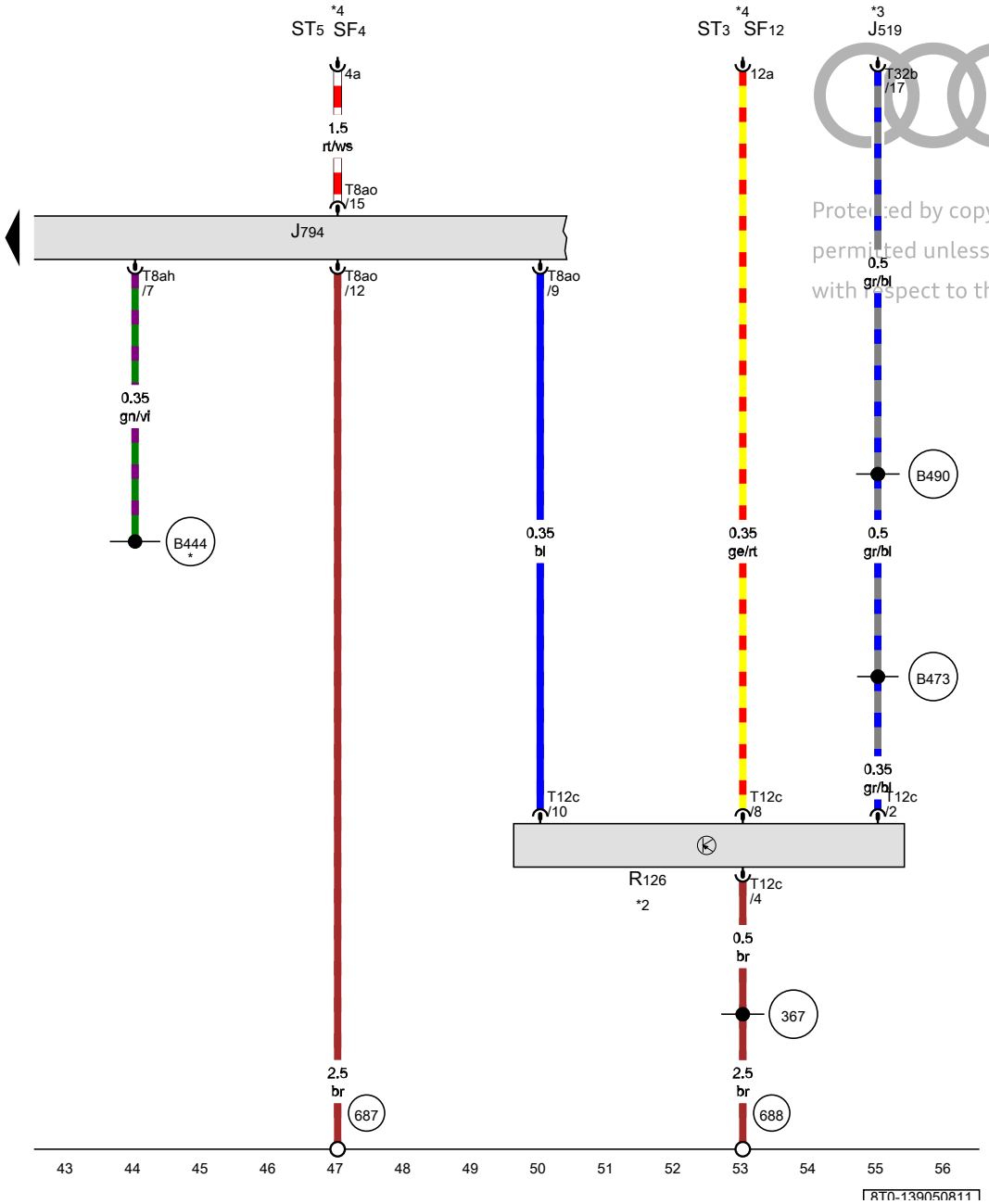
Control unit 1 for information electronics, Radio, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial



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J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T1p	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Optional equipment
*3	Only models with satellite radio
*4	Only models with auxiliary heating
*5	Only models with radio
*6	Only models with TV tuner
*7	Only models with no US equipment

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



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

Onboard supply control unit, Control unit 1 for information electronics, Telephone bracket

J519	Onboard supply control unit
J794	Control unit 1 for information electronics
R126	Telephone bracket
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
SF12	Fuse 12 in fuse holder F
T8ah	8-pin connector
T8ao	8-pin connector
T12c	12-pin connector
T32b	32-pin connector
367	Earth connection 2, in main wiring harness
687	Earth point 1, on centre tunnel
688	Earth point 2, on centre tunnel
B444	Connection 1 (diagnosis), in main wiring harness
B473	Connection 9, in main wiring harness
B490	Connection 26, in main wiring harness
*	see applicable current flow diagram
*2	Only models with centre armrest
*3	see applicable current flow diagram for basic equipment
*4	see applicable current flow diagram for fuse assignment

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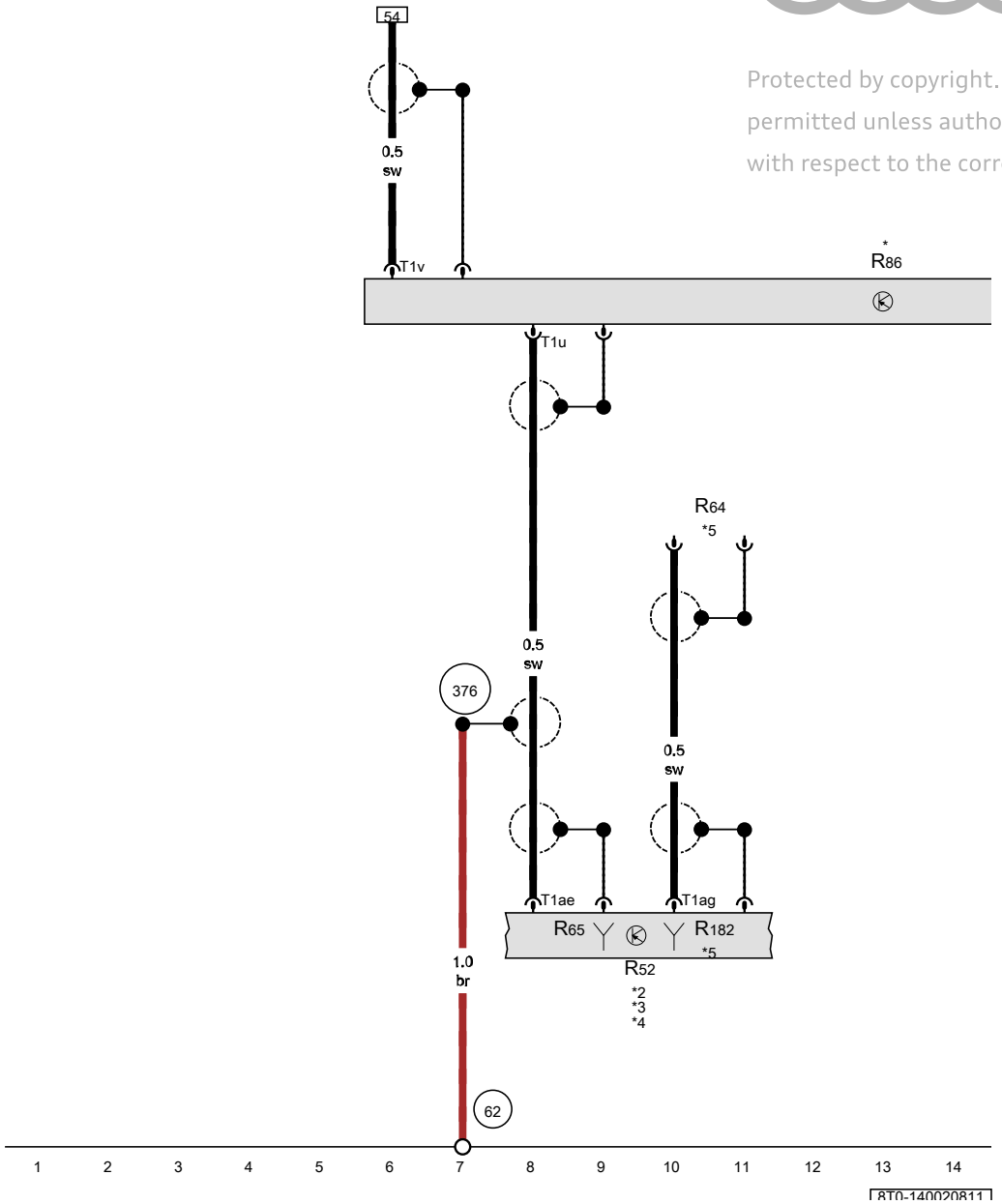
Preparation for mobile telephone (infotainment CAN bus)

From August 2011



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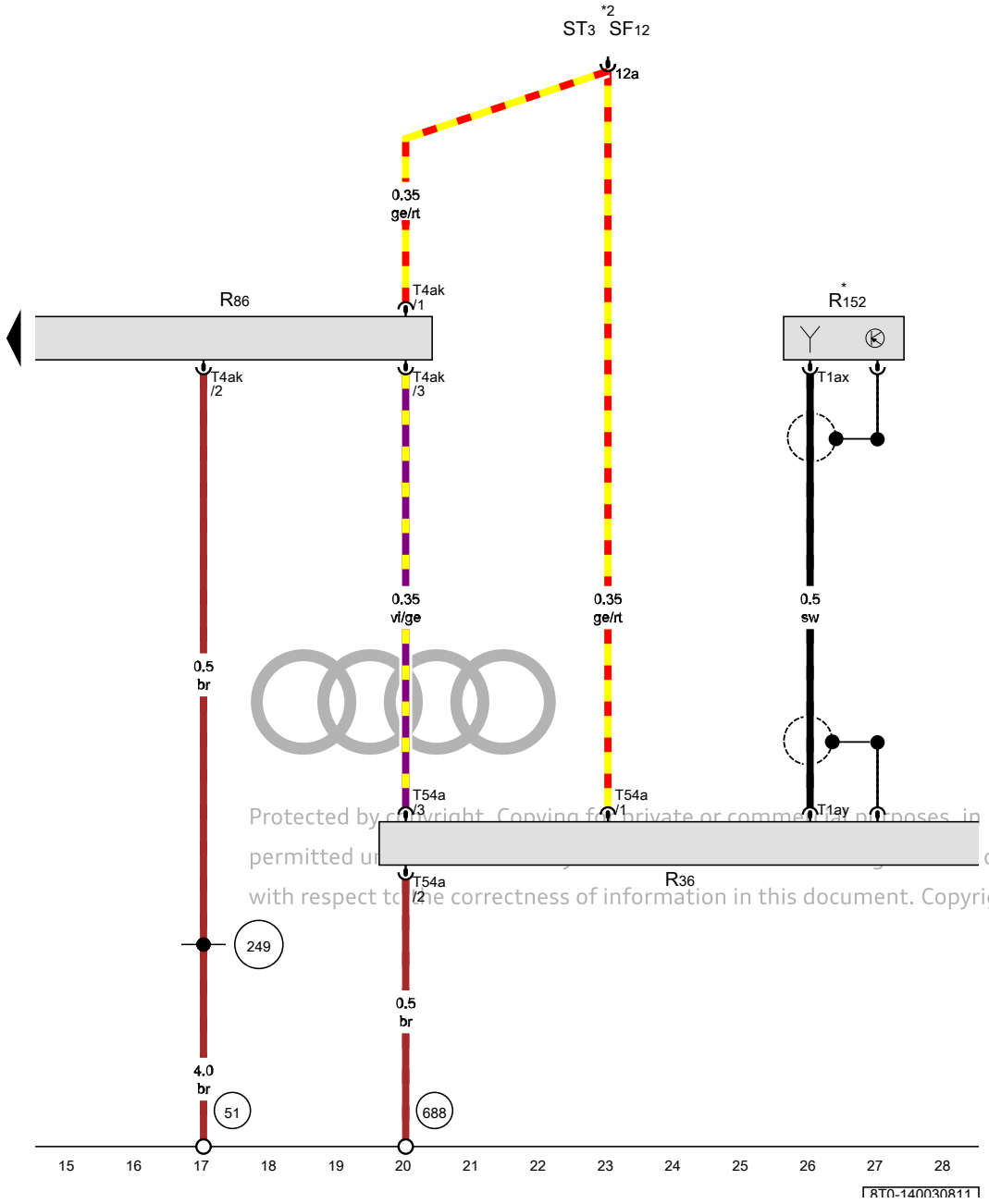
Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, Aerial amplifier for mobile telephone, Auxiliary heater aerial

R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R86	Aerial amplifier for mobile telephone
R182	Auxiliary heater aerial
T1ae	Single connector
T1ag	Single connector
T1u	Single connector
T1v	Single connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Roof aerial
*3	Only models with 2-doors
*4	see applicable current flow diagram
*5	Only models with auxiliary heating

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

Telephone transmitter and receiver unit, Aerial amplifier for mobile telephone, Aerial for Bluetooth

R36	Telephone transmitter and receiver unit
R86	Aerial amplifier for mobile telephone
R152	Aerial for Bluetooth
ST3	Fuse carrier 3
SF12	Fuse 12 in fuse holder F
T1ax	Single connector
T1ay	Single connector
T4ak	4-pin connector
T54a	54-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
688	Earth point 2, on centre tunnel
*	Only models with Bluetooth
*2	see applicable current flow diagram for fuse assignment

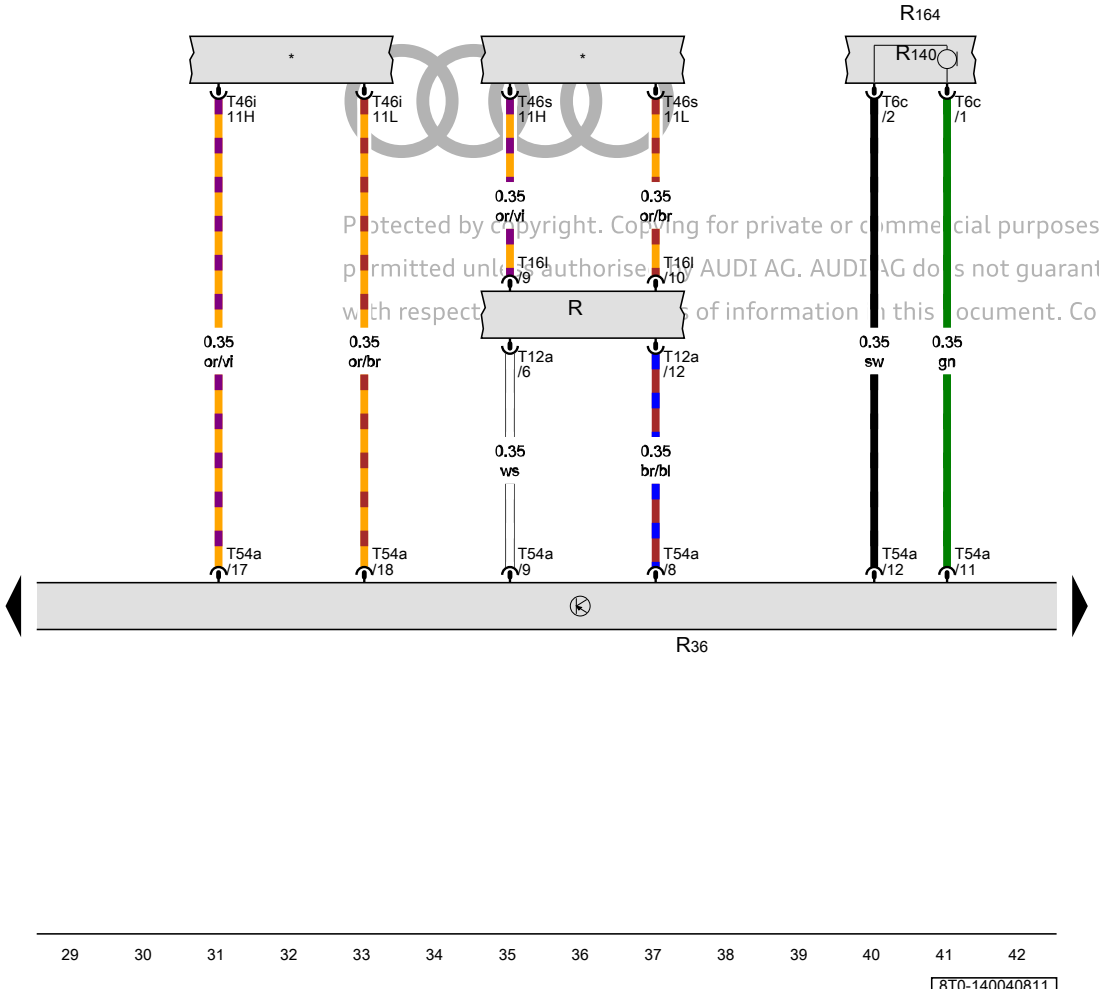


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bl	=	blue
gr	=	grey
li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio, Telephone transmitter and receiver unit, Front left microphone, Microphone unit in front roof module

R	Radio
R36	Telephone transmitter and receiver unit
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T12a	12-pin connector
T16l	16-pin connector
T46i	46-pin connector
T46s	46-pin connector
T54a	54-pin connector
*	see applicable current flow diagram

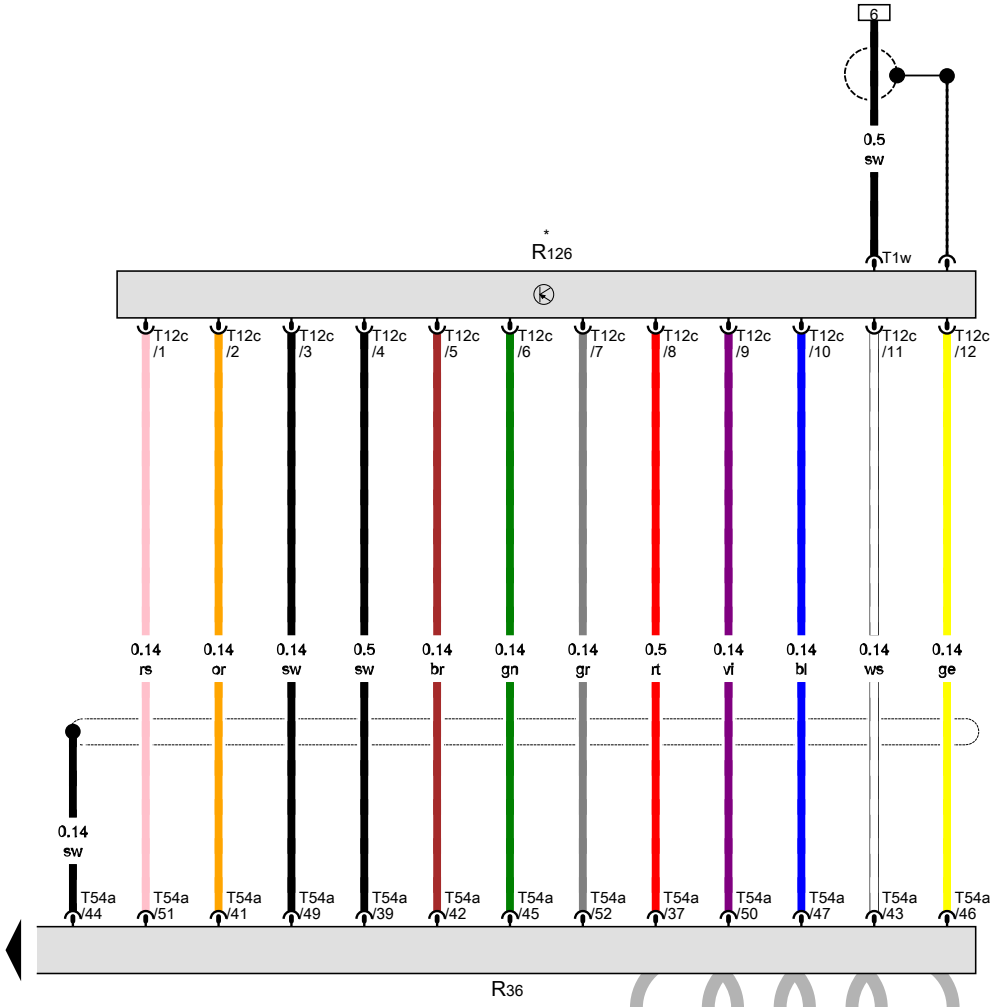


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or	=	orange
rs	=	pink

Telephone transmitter and receiver unit, Telephone bracket

R36	Telephone transmitter and receiver unit
R126	Telephone bracket
T1w	Single connector
T12c	12-pin connector
T54a	54-pin connector
*	According to equipment



43 44 45 46 47 48 49 50 51 52 53 54 55 56

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gn = green
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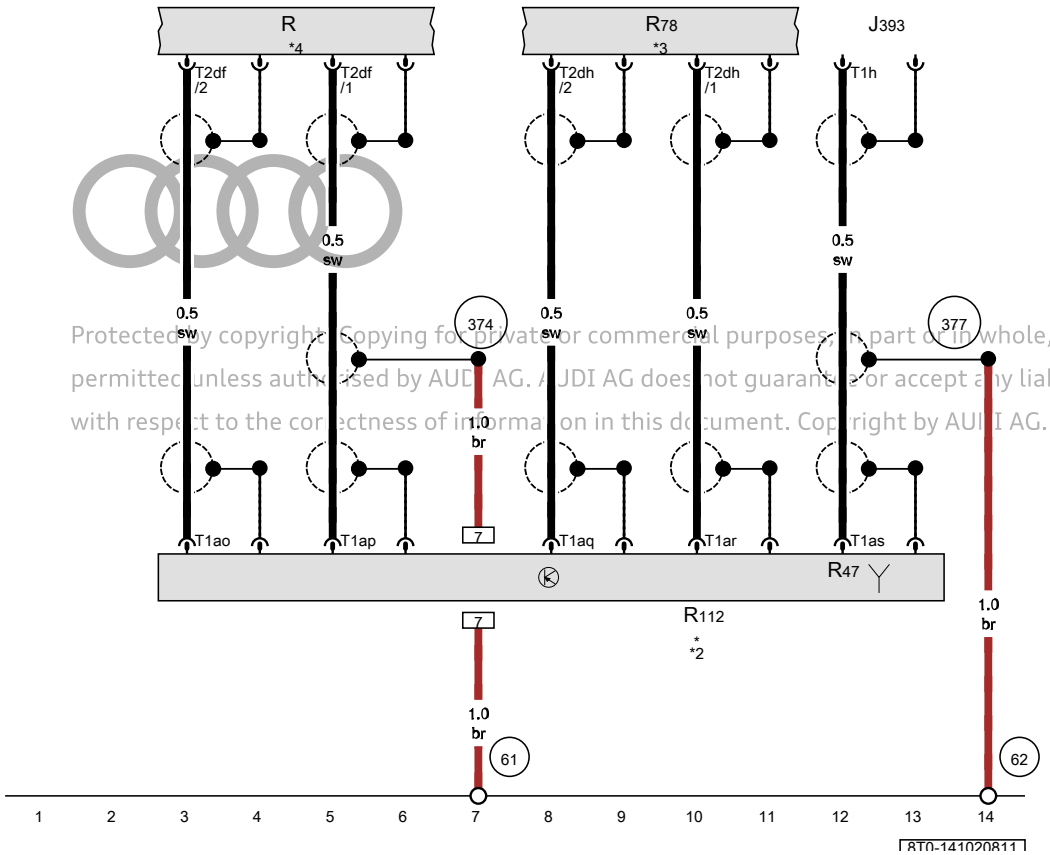
Preparation for mobile telephone (MOST bus)

From August 2011

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Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

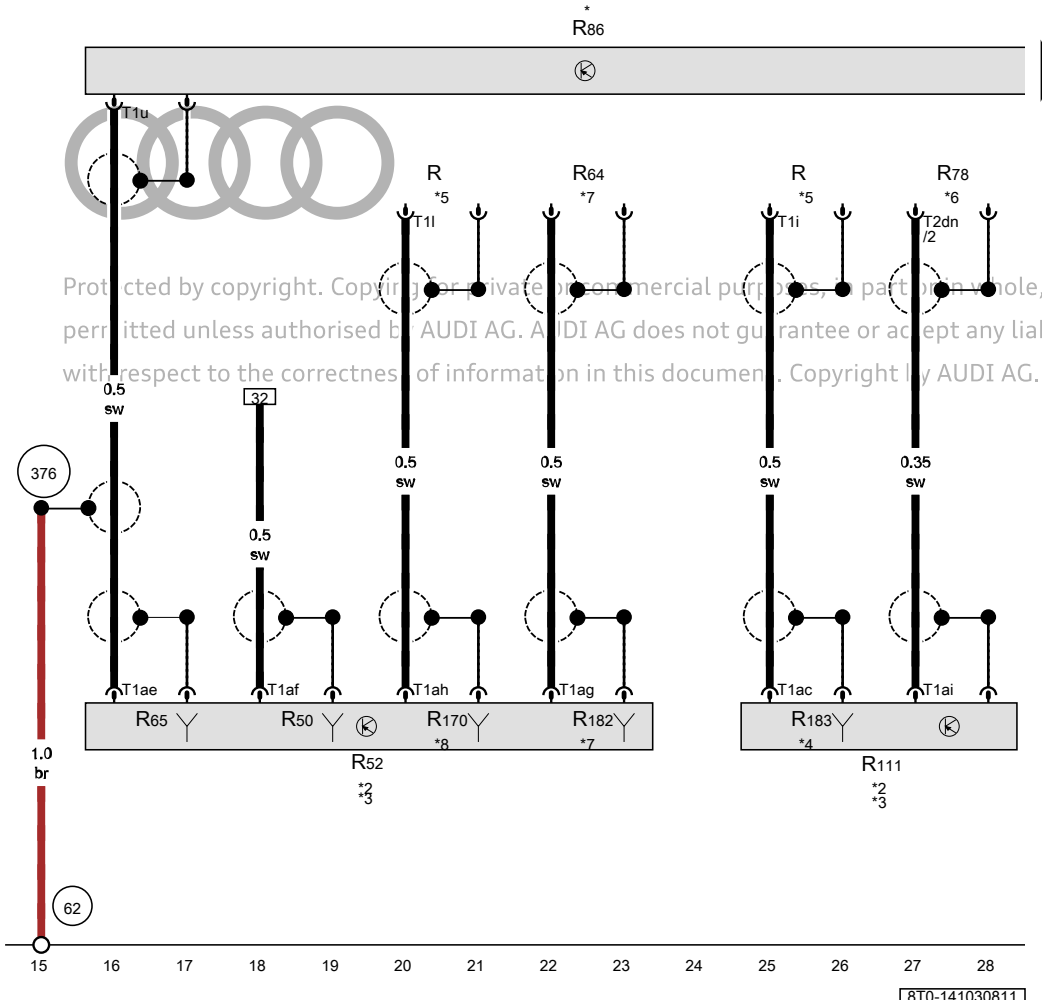
J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 4-doors
*2	see applicable current flow diagram
*3	Only models with TV tuner
*4	Only models with radio



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GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier for mobile telephone, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial



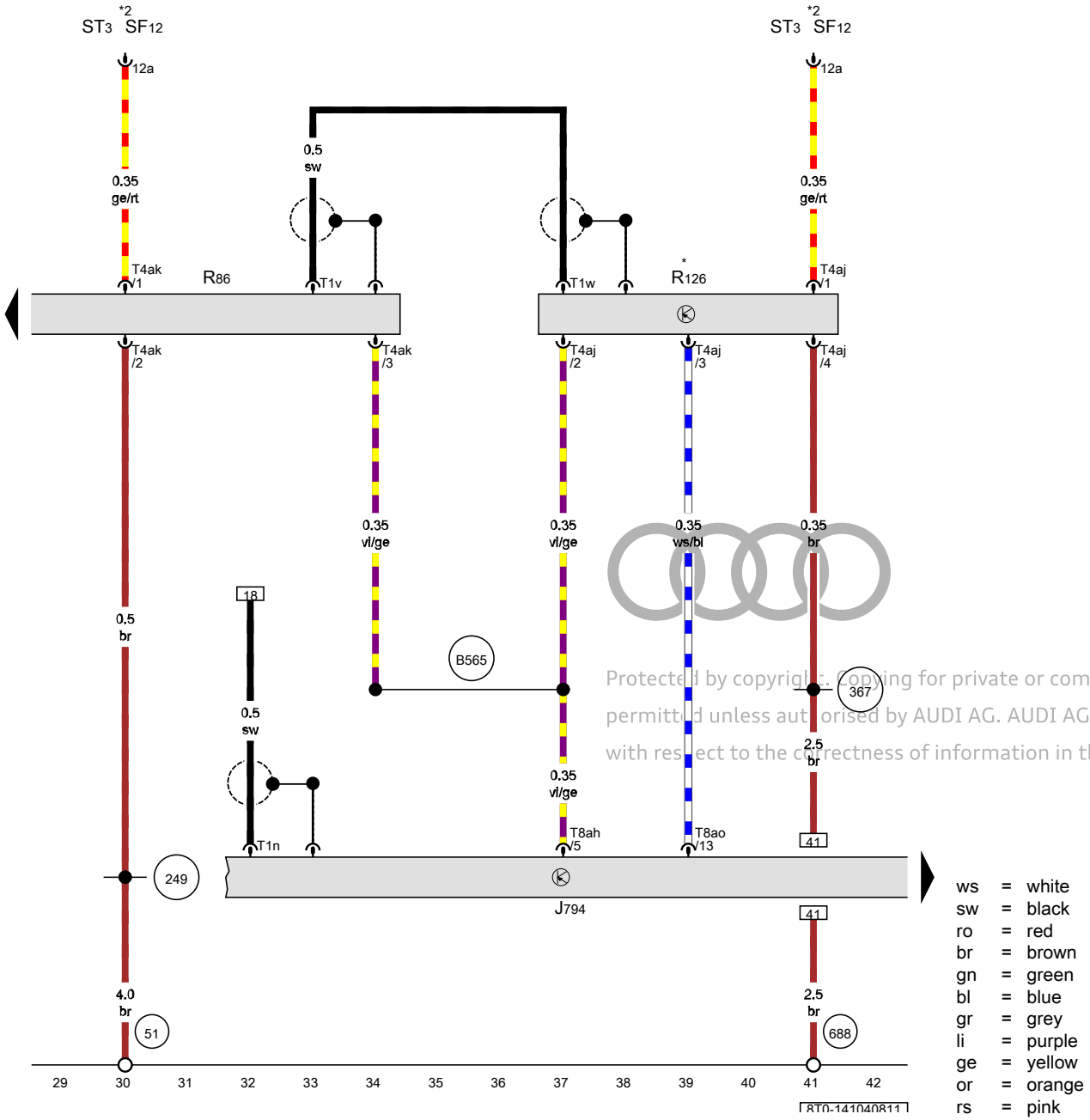
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gn	green
bl	blue
gr	grey
li	purple
ge	yellow
or	orange
rs	pink

R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R86	Aerial amplifier for mobile telephone
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1u	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Only models with 4-doors
*3	see applicable current flow diagram
*4	Only models with digital radio
*5	Only models with radio
*6	Only models with TV tuner
*7	Only models with auxiliary heating
*8	Only models with satellite radio

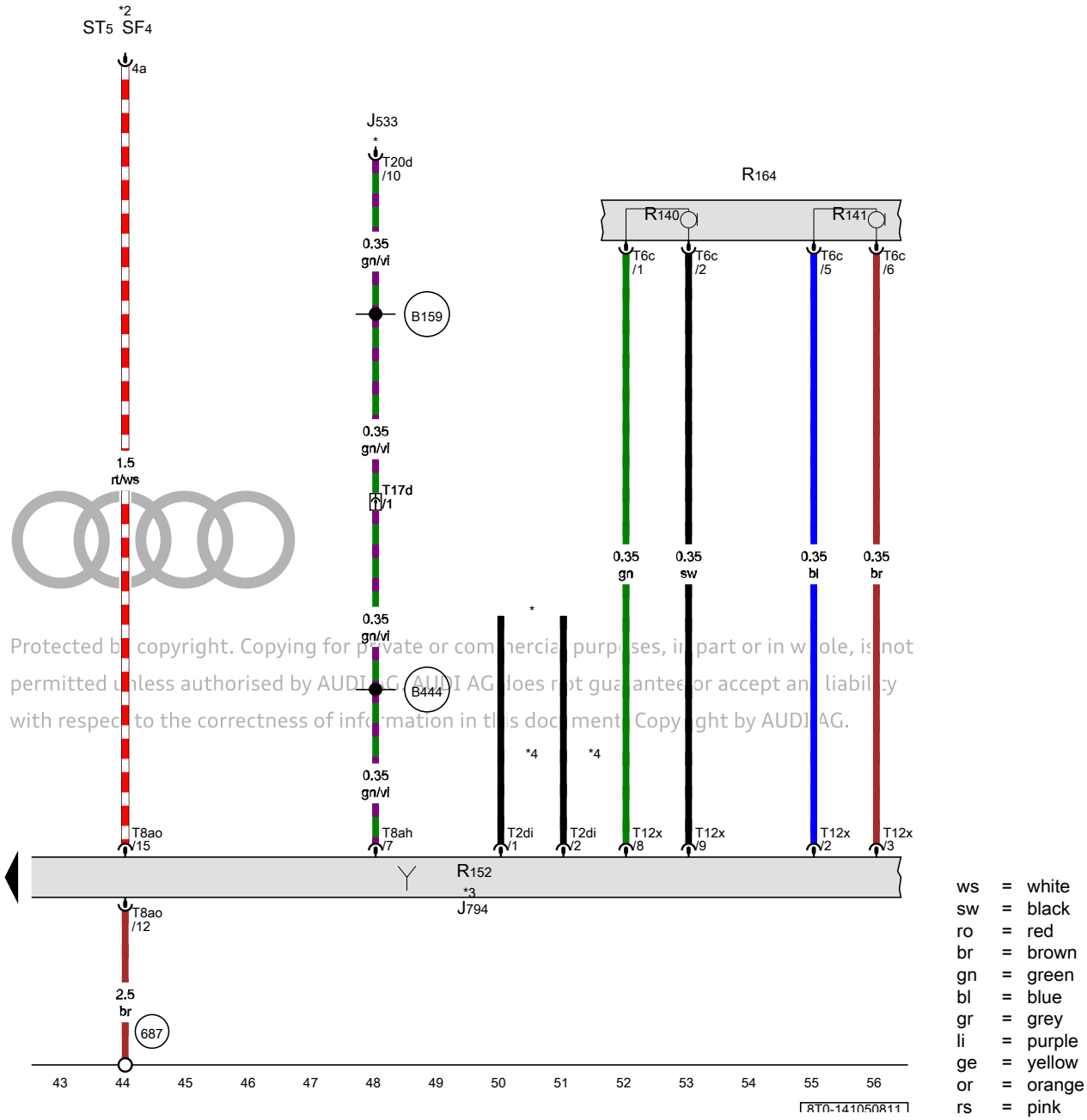
Control unit 1 for information electronics, Aerial amplifier for mobile telephone, Telephone bracket

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
ST3	Fuse carrier 3
SF12	Fuse 12 in fuse holder F
T1n	Single connector
T1v	Single connector
T1w	Single connector
T4aj	4-pin connector
T4ak	4-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
51	Earth point, on right in luggage compartment
249	Earth connection 2, in interior wiring harness
367	Earth connection 2, in main wiring harness
688	Earth point 2, on centre tunnel
B565	Connection 32, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for fuse assignment



ws = white
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ro = red
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gn = green
bl = blue
gr = grey
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ge = yellow
or = orange
rs = pink

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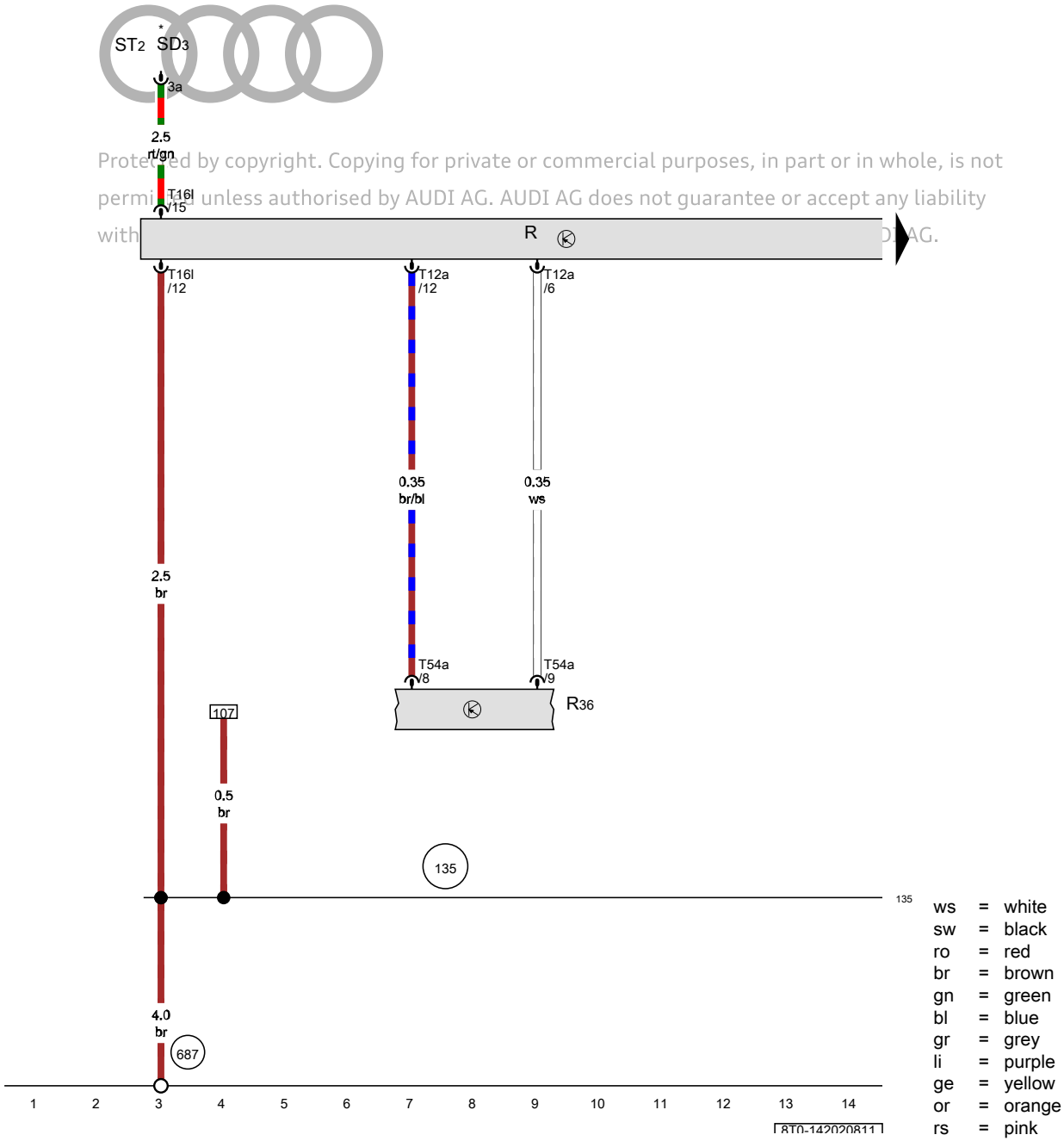
Data bus diagnostic interface, Control unit 1 for information electronics, Aerial for Bluetooth, Microphone unit in front roof module

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R140	Front left microphone
R141	Front right microphone
R152	Aerial for Bluetooth
R164	Microphone unit in front roof module
SF4	Fuse 4 in fuse holder F
ST5	Fuse carrier 5
T2di	2-pin connector
T6c	6-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
T17d	17-pin connector, brown
T20d	20-pin connector
687	Earth point 1, on centre tunnel
B159	Connection (diagnosis), in interior wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Only models with Bluetooth
*4	Fibre optic cable (FOC)

Radio with basic and basic plus sound system

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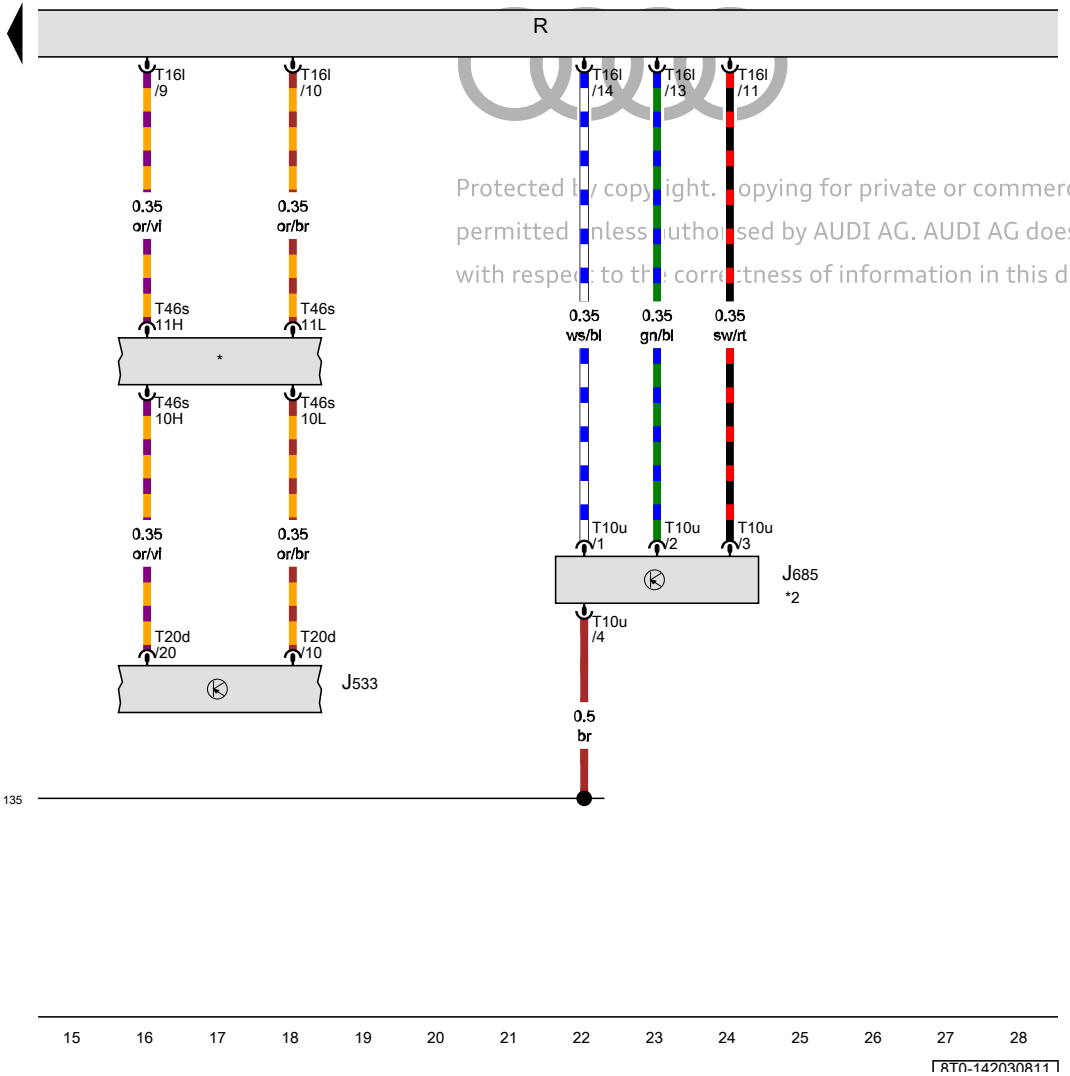
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sw = black
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gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Radio, Telephone transmitter and receiver unit

R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

Data bus diagnostic interface, Display unit for front information display and operating unit control unit, Radio

J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
R	Radio
T10u	10-pin connector
T16l	16-pin connector
T20d	20-pin connector
T46s	46-pin connector
135	Earth connection 2, in dash panel wiring harness
*	see applicable current flow diagram
*2	According to equipment

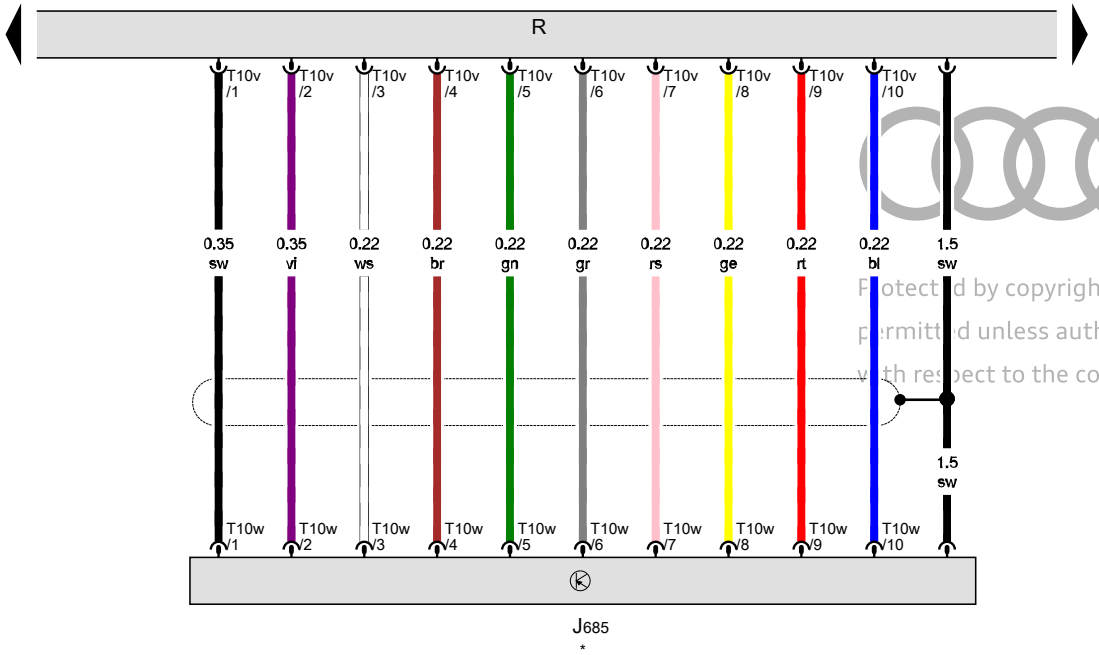


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or	=	orange
rs	=	pink

Display unit for front information display and operating unit control unit, Radio

J685	Display unit for front information display and operating unit control unit
R	Radio
T10v	10-pin connector
T10w	10-pin connector
*	According to equipment



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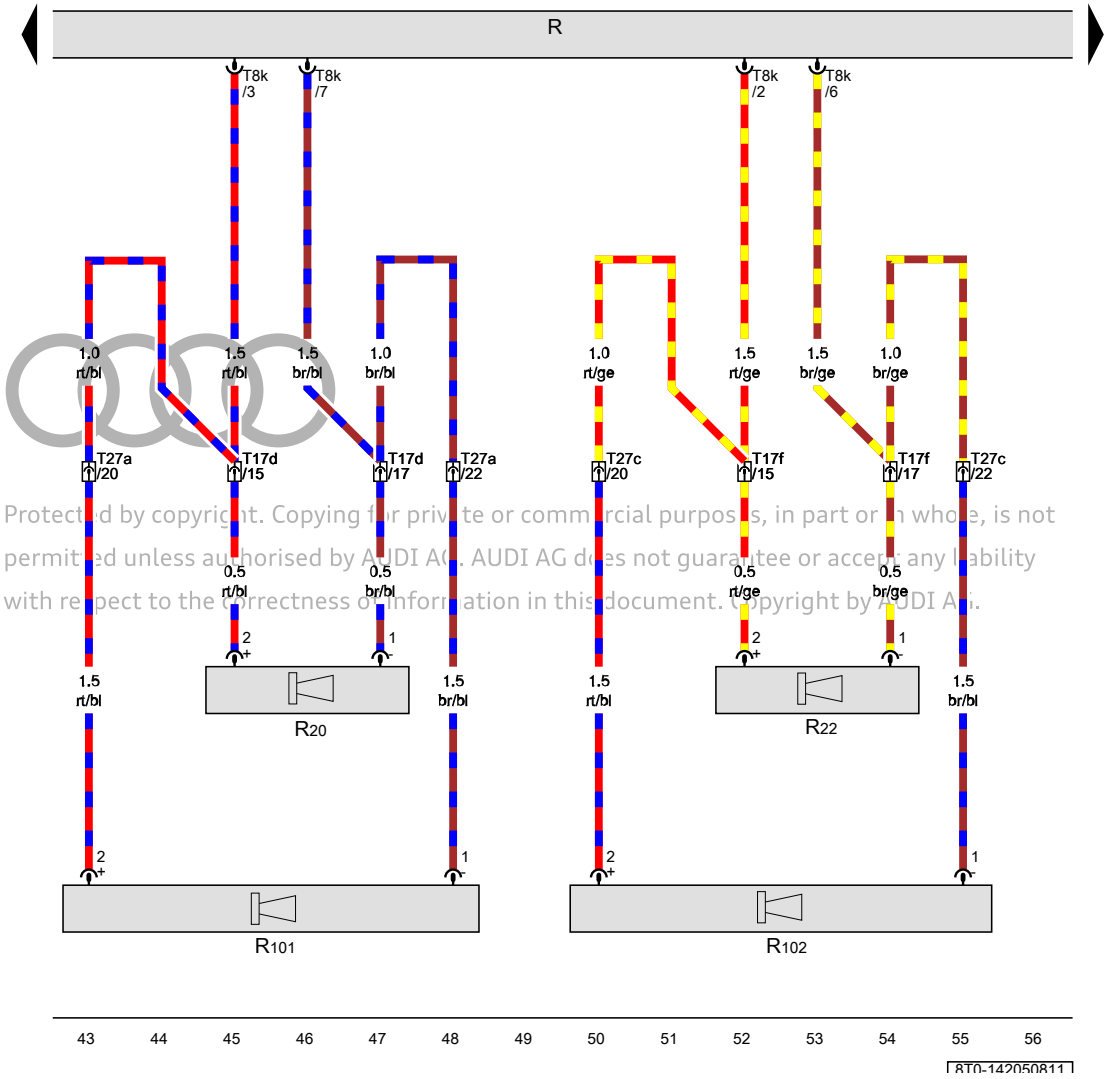
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
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
T8k	8-pin connector
T17d	17-pin connector
T17f	17-pin connector
T27a	27-pin connector
T27c	27-pin connector

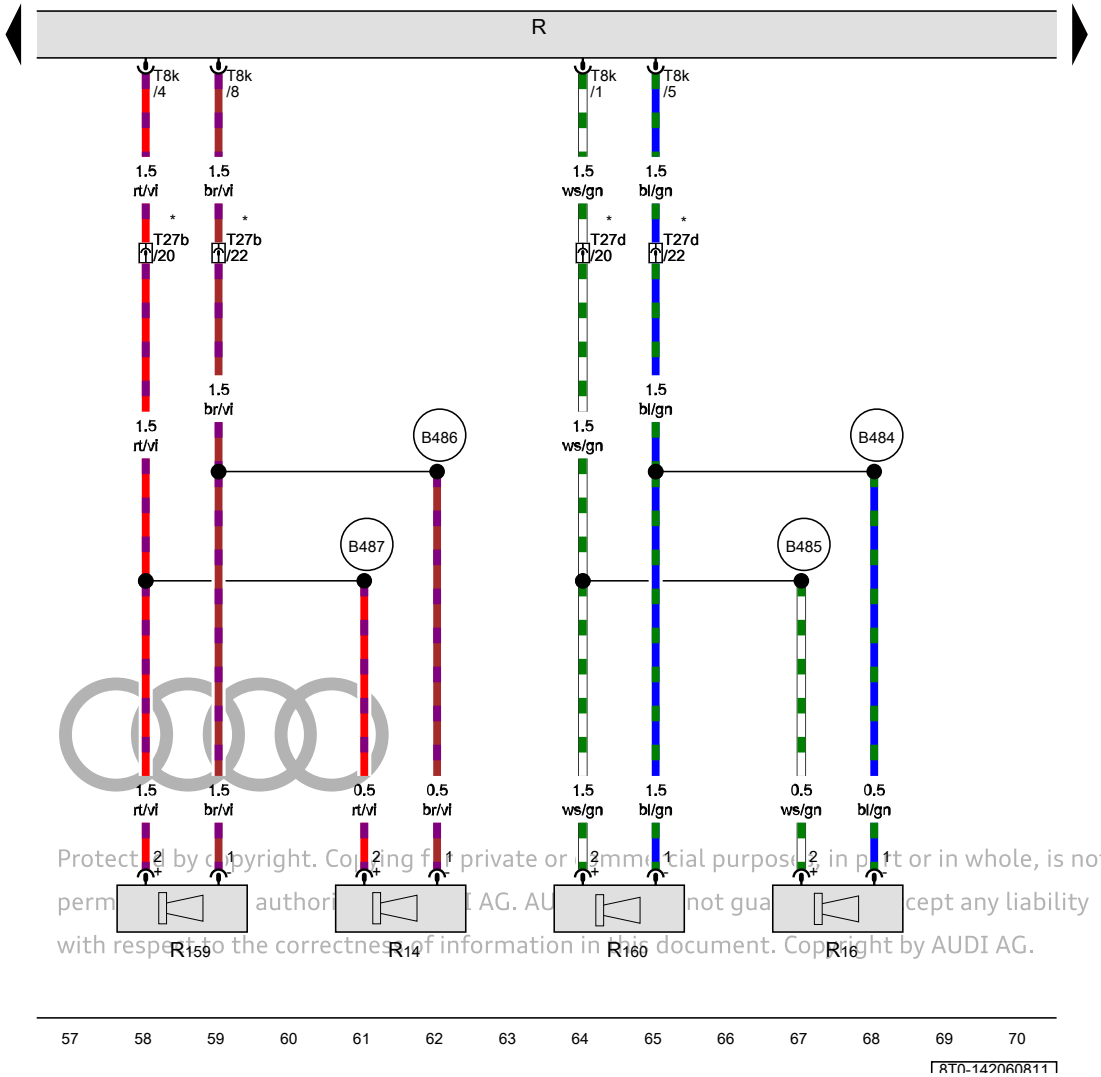


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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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

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
T8k	8-pin connector
T27b	27-pin connector
T27d	27-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors

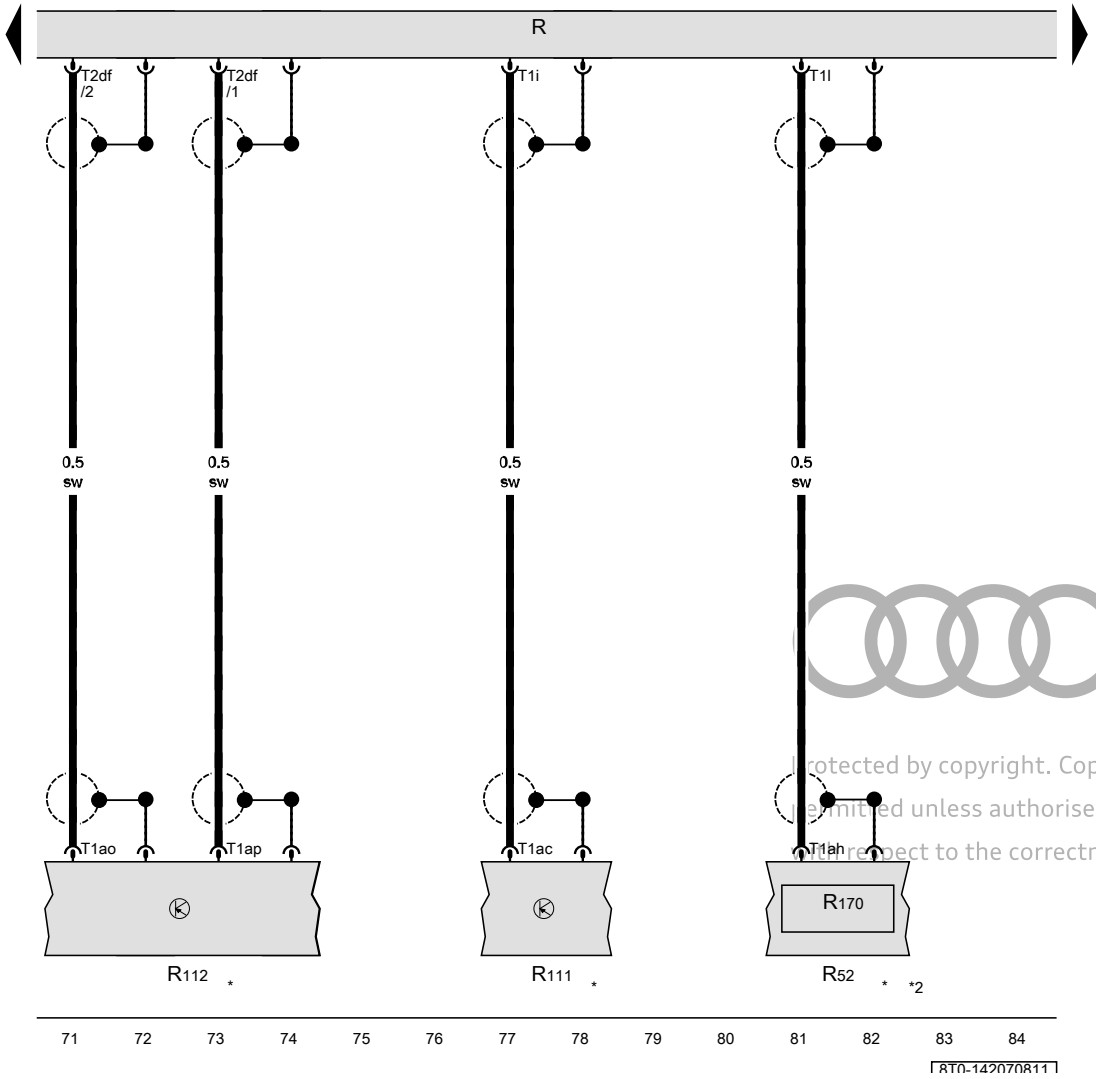


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Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial

R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
*	According to equipment
*2	Roof aerial

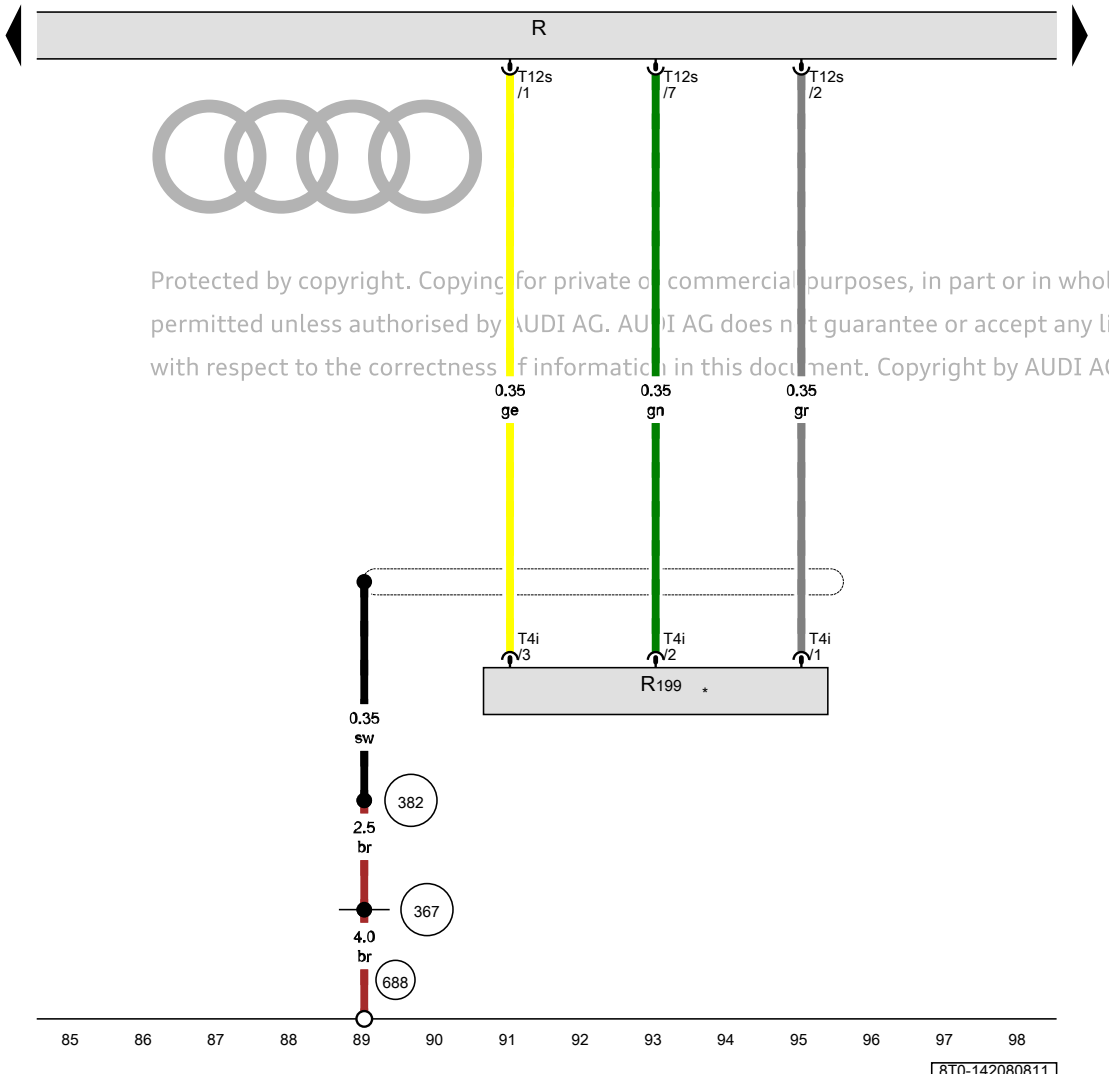


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Radio, Connection for external audio sources

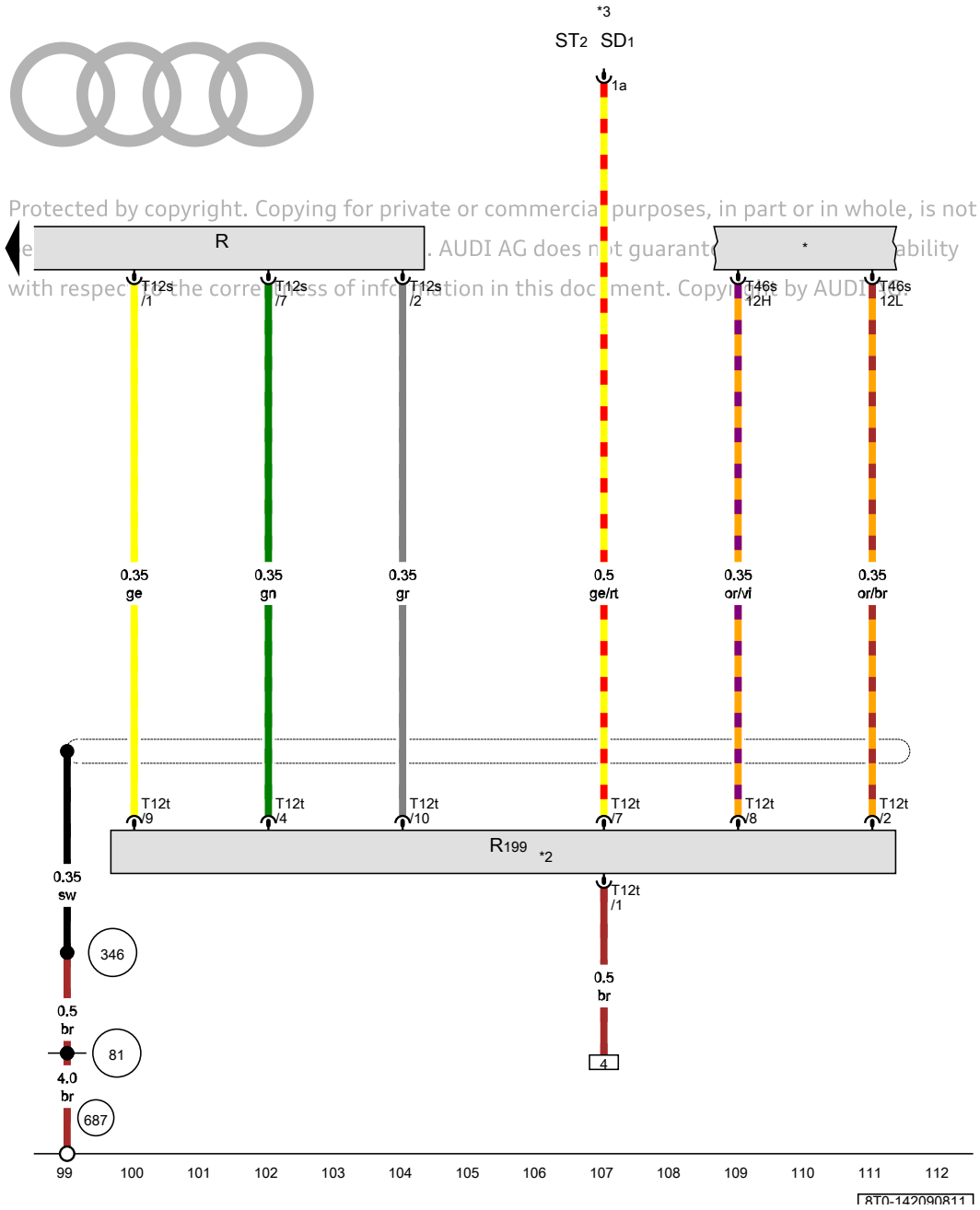
R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with connection for external audio sources - AUX-IN socket



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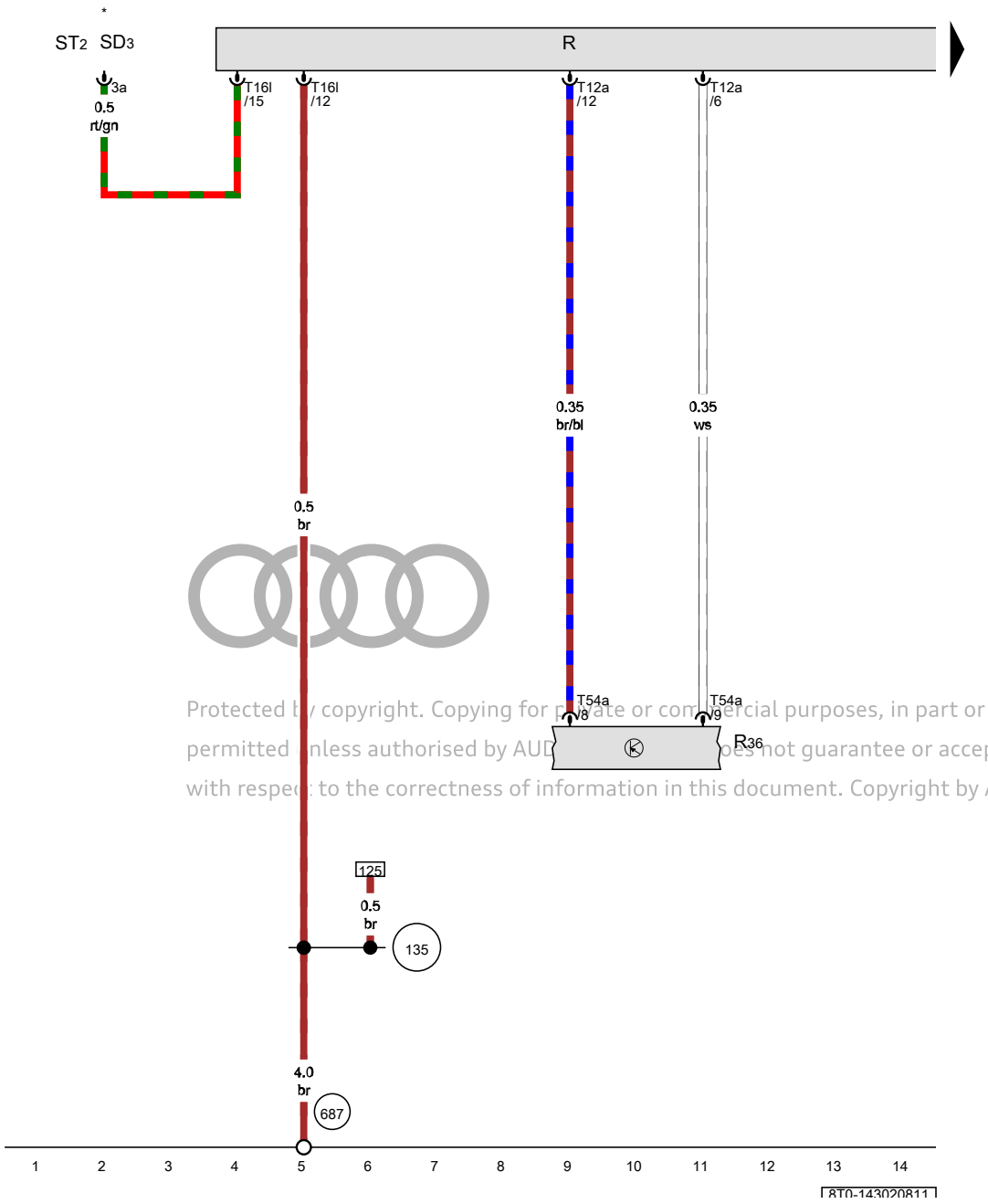
Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment

Radio with Standard sound system

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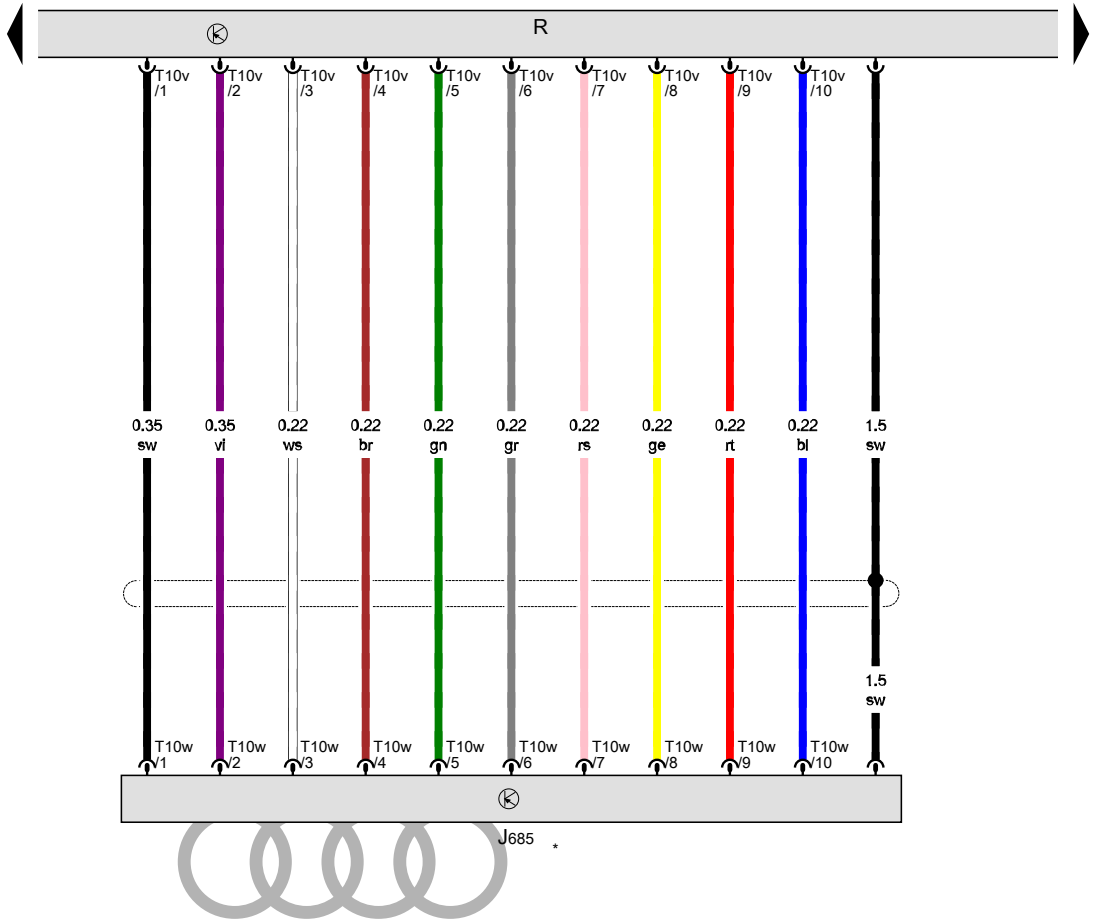
Radio, Telephone transmitter and receiver unit

R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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

Display unit for front information display and operating unit control unit, Radio

J685	Display unit for front information display and operating unit control unit
R	Radio
T10v	10-pin connector
T10w	10-pin connector
*	Optional equipment

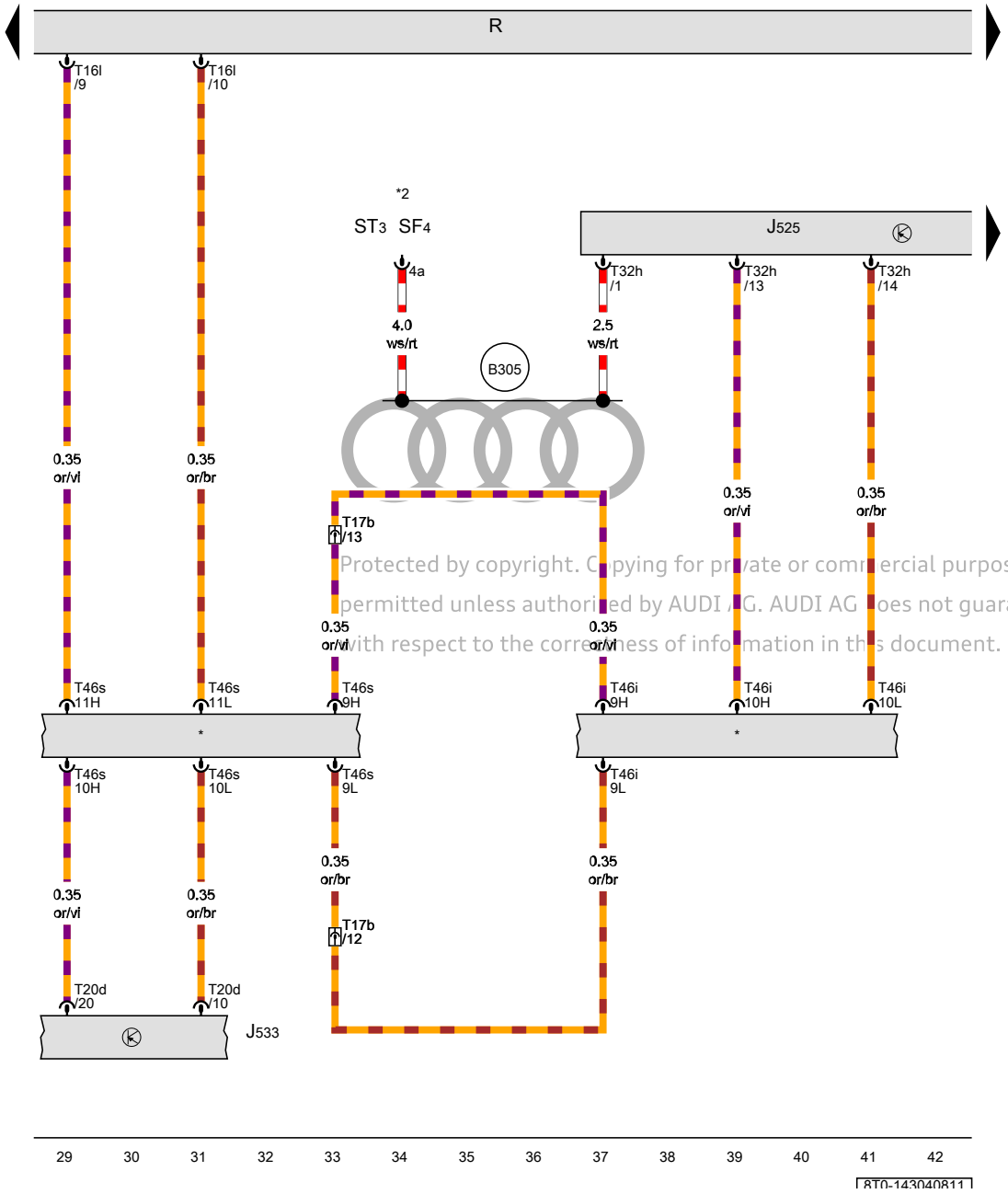


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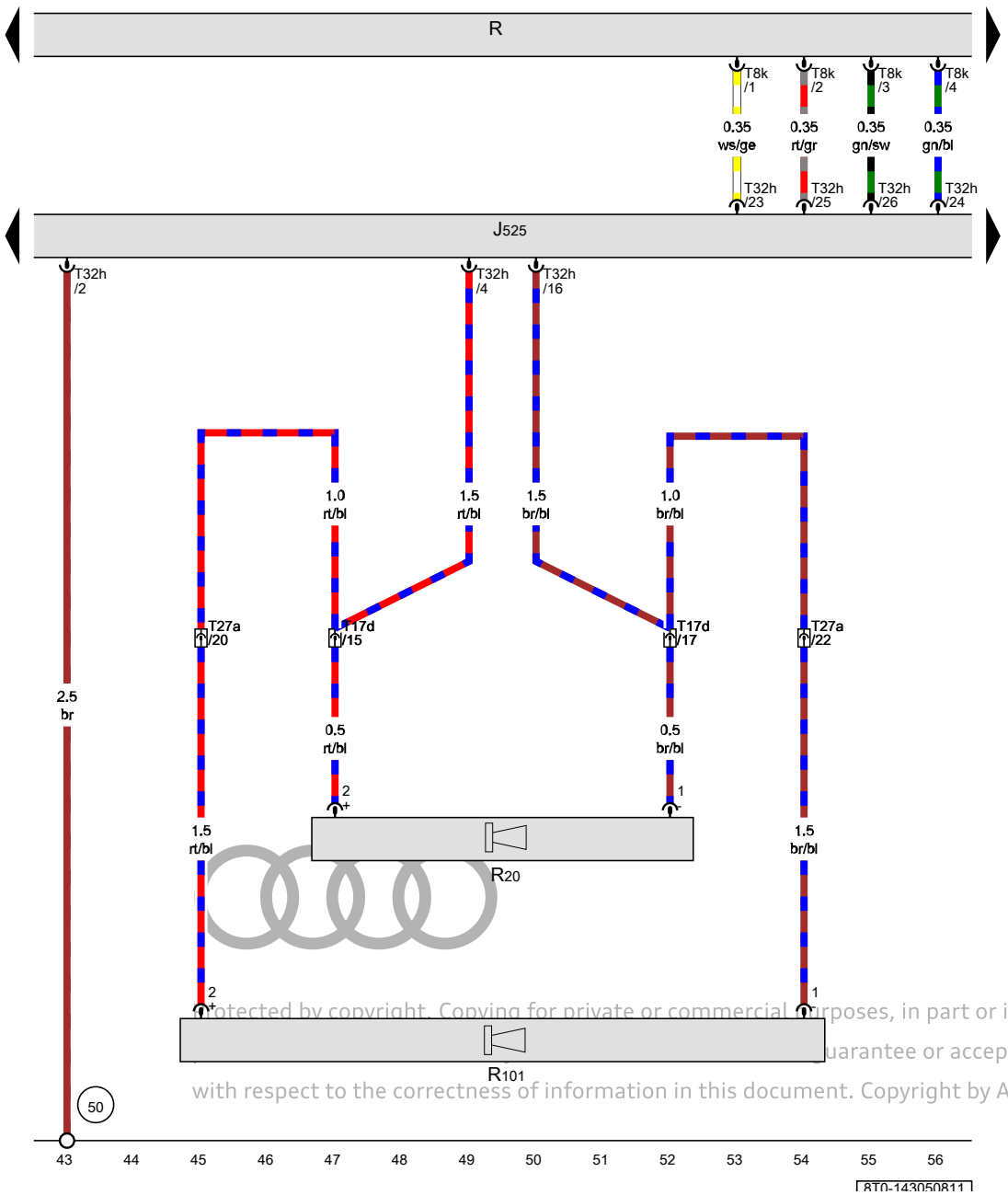
Digital sound package control unit, Data bus diagnostic interface, Radio

J525	Digital sound package control unit
J533	Data bus diagnostic interface
R	Radio
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T16l	16-pin connector
T17b	17-pin connector, blue
T17c	17-pin connector
T20d	20-pin connector
T27a	27-pin connector
T27c	27-pin connector
T32h	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
B305	Positive connection 9 (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment

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

Digital sound package control unit, Radio, Front left treble loudspeaker, Front left mid-range and bass loudspeaker

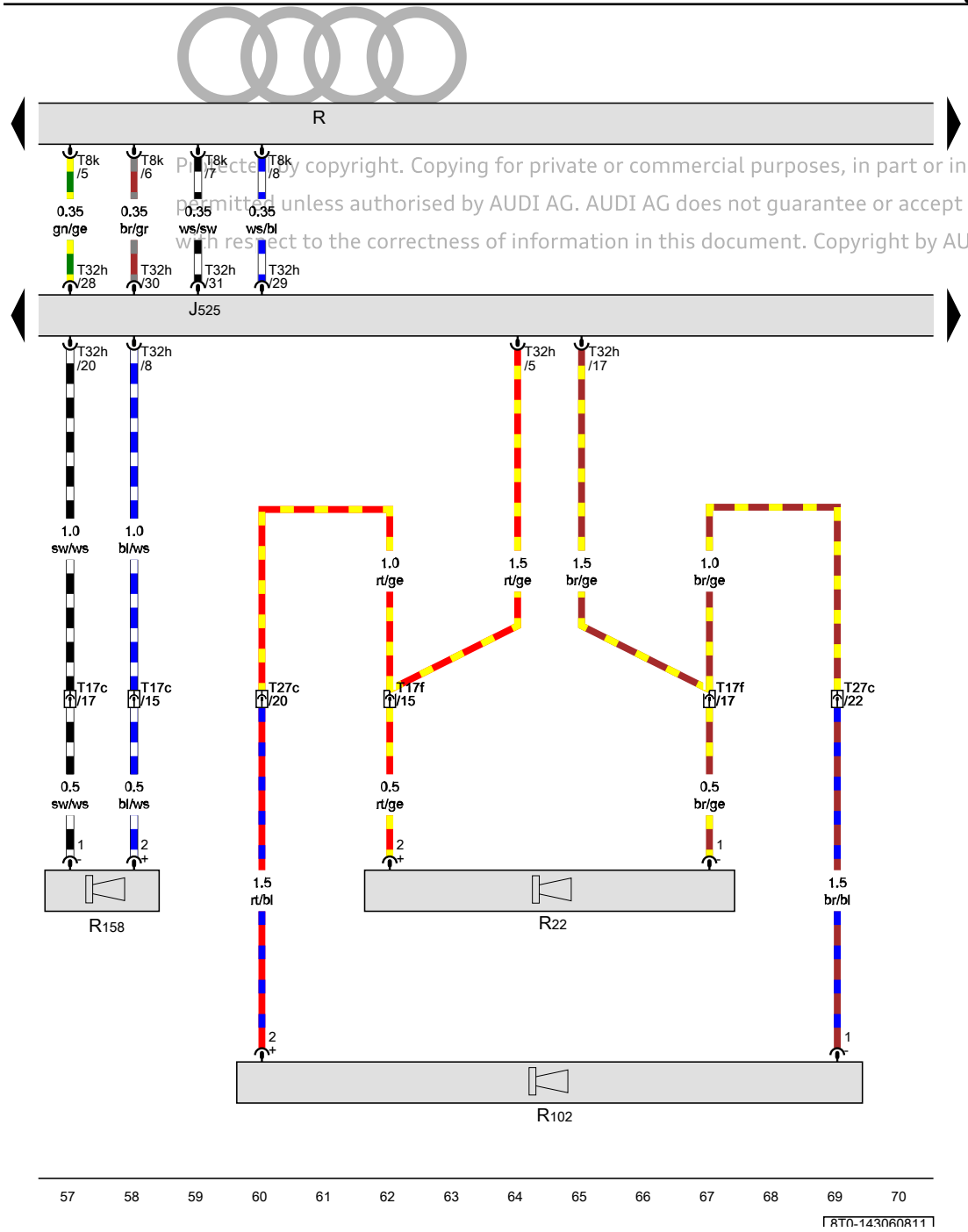
J525	Digital sound package control unit
R	Radio
R20	Front left treble loudspeaker
R101	Front left mid-range and bass loudspeaker
T8k	8-pin connector
T17d	17-pin connector
T27a	27-pin connector
T32h	32-pin connector
50	Earth point, on left in luggage compartment



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

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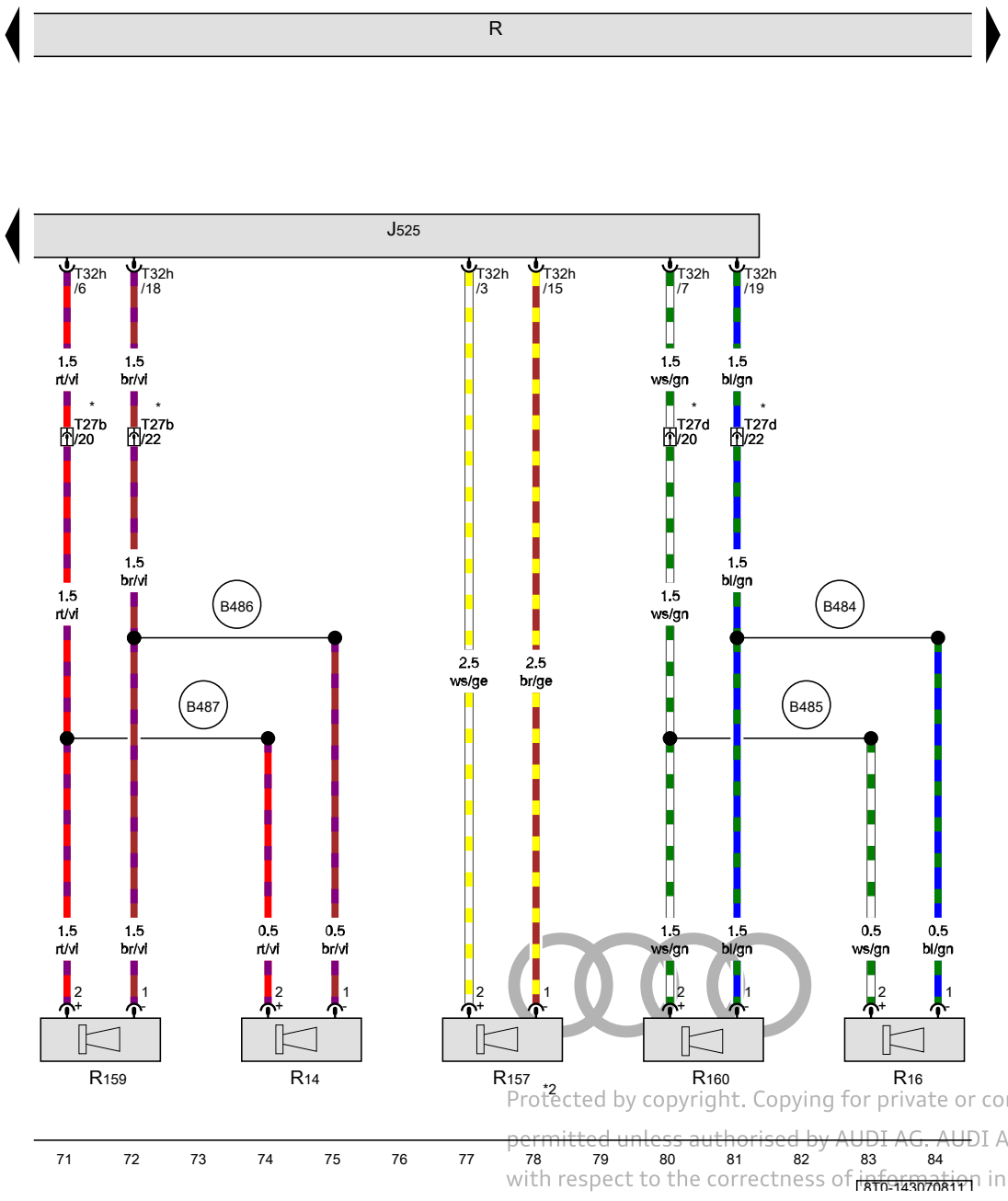
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Digital sound package control unit, Radio, Front right treble loudspeaker, Front right mid-range and bass loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R	Radio
R22	Front right treble loudspeaker
R102	Front right mid-range and bass loudspeaker
R158	Centre mid-range and treble loudspeaker
T8k	8-pin connector
T17c	17-pin connector
T17f	17-pin connector
T27c	27-pin connector
T32h	32-pin connector

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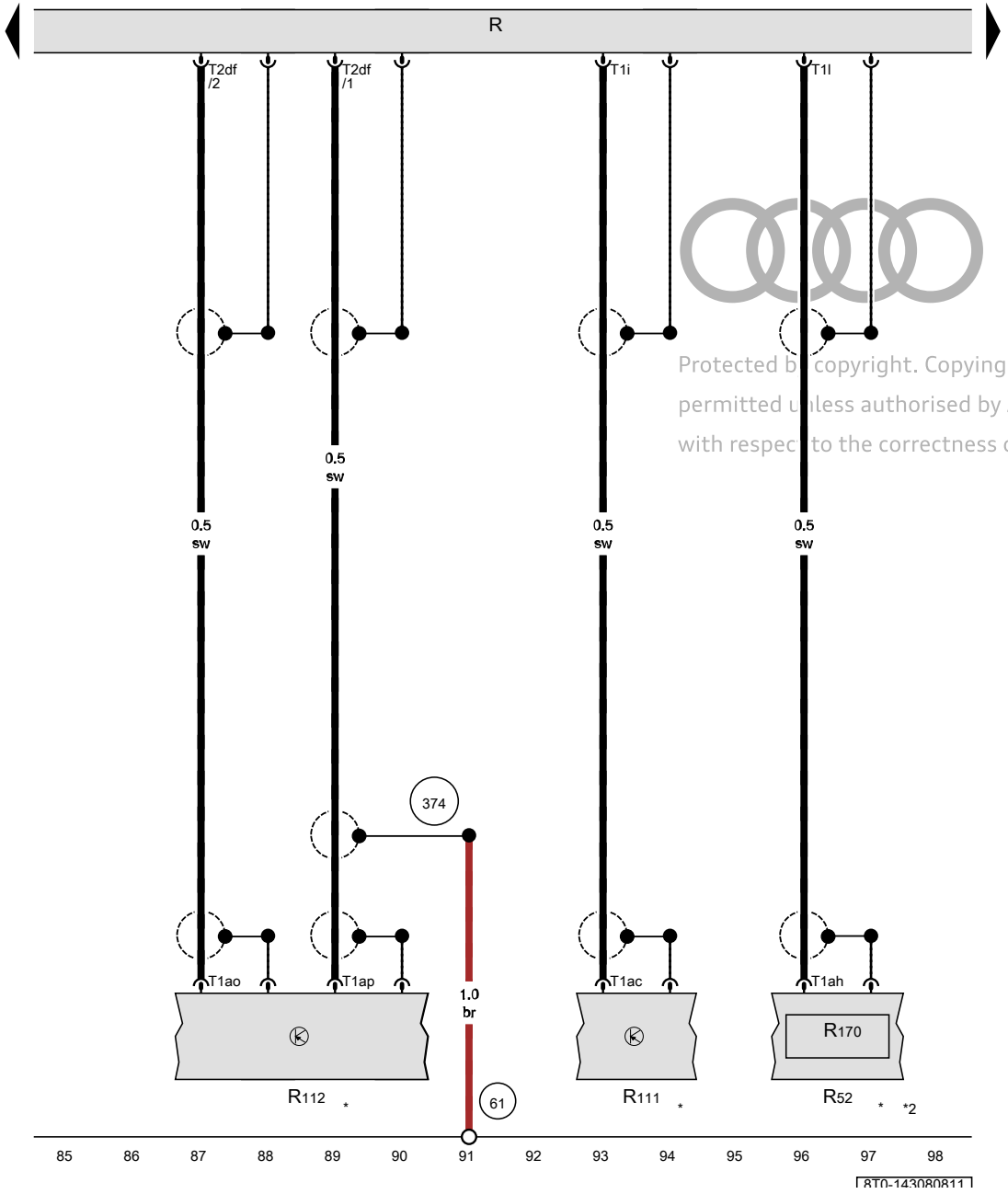
Digital sound package control unit, Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Subwoofer in rear shelf, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

J525	Digital sound package control unit
R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R157	Subwoofer in rear shelf
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T27b	27-pin connector
T27d	27-pin connector
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	According to equipment

ws	=	white
sw	=	black
ro	=	red
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gn	=	green
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Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial



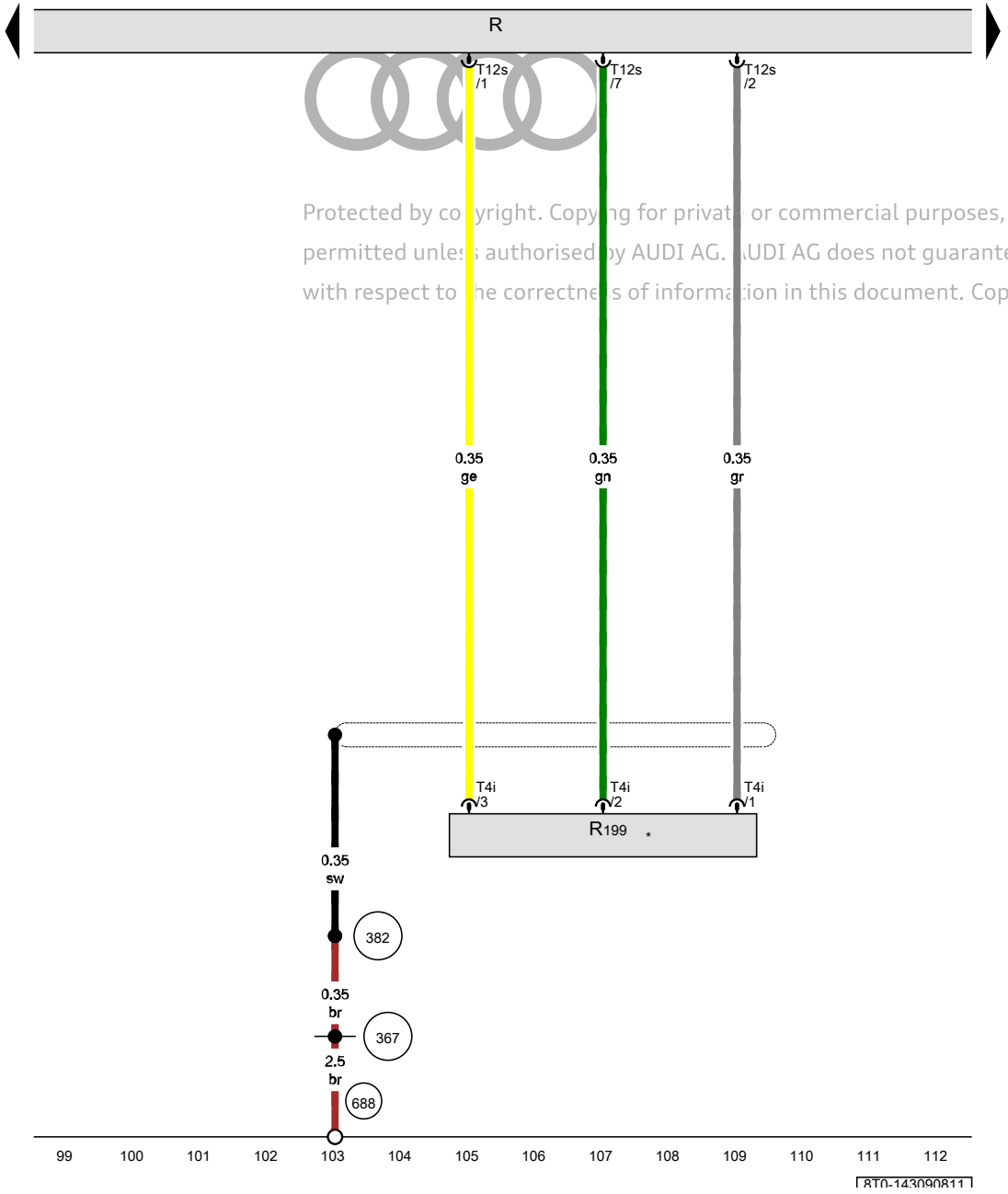
R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
*	According to equipment
*2	Roof aerial

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ge	=	yellow
or	=	orange
rs	=	pink

Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with connection for external audio sources - AUX-IN socket

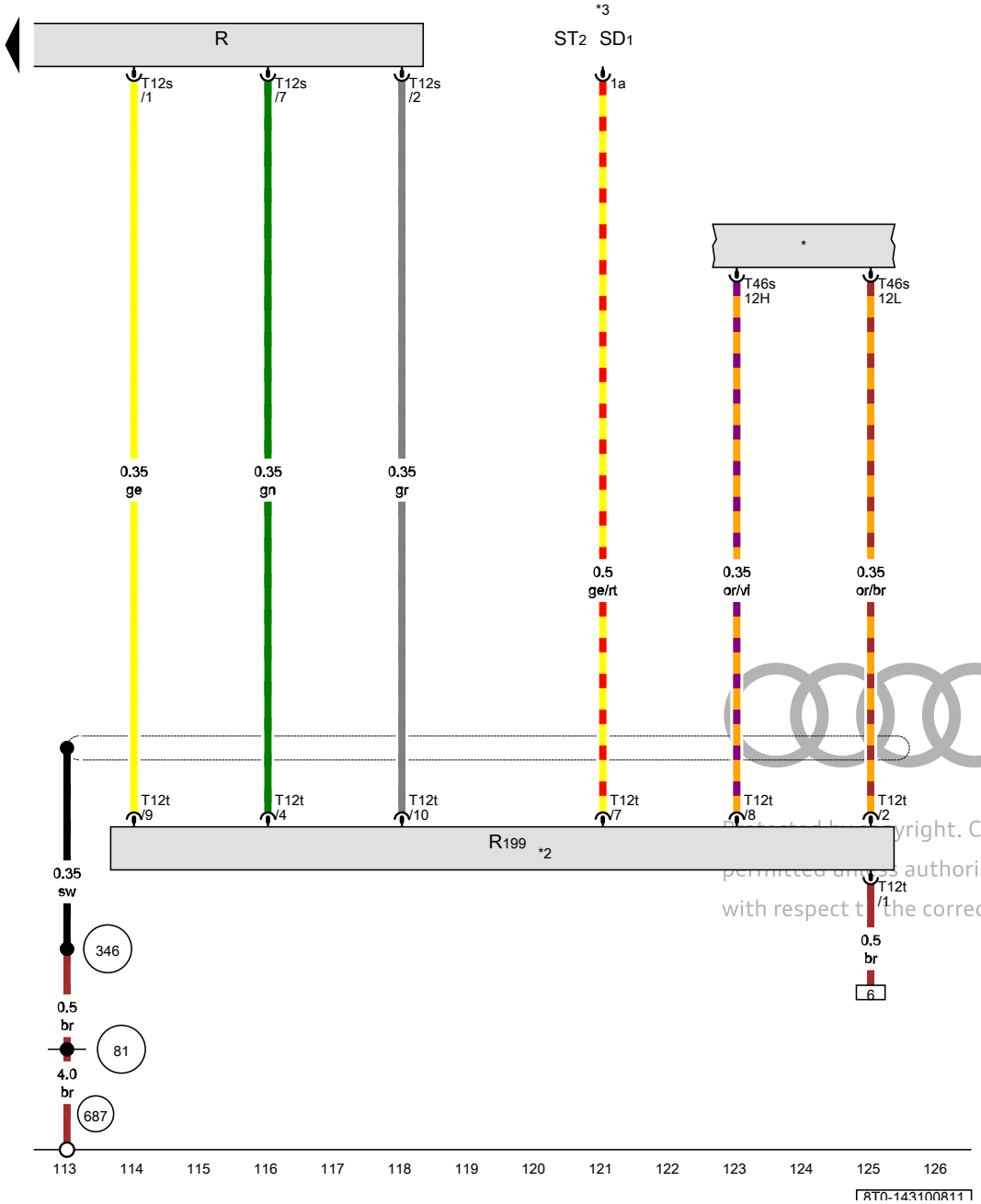


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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment



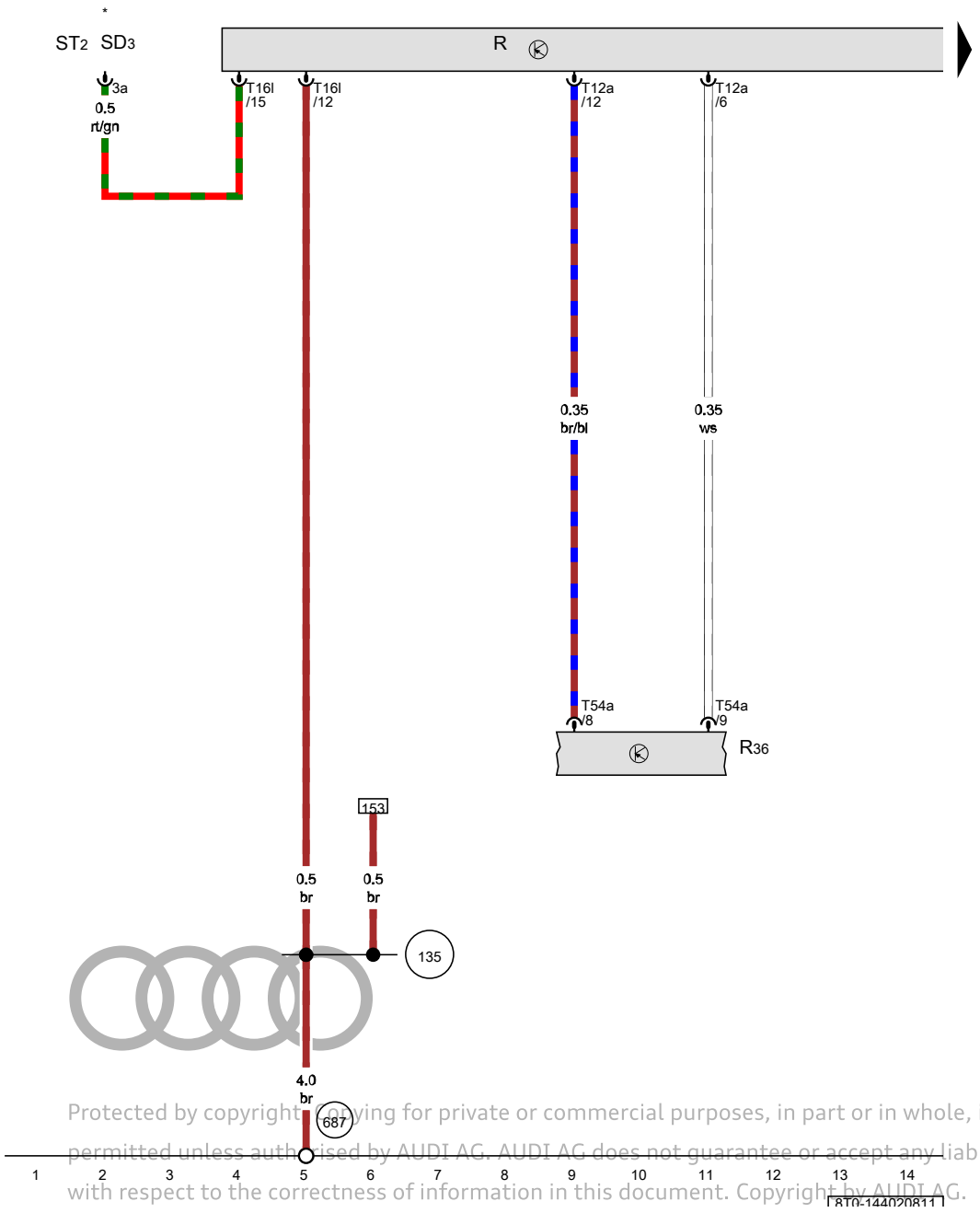
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Radio with Bang & Olufsen sound system

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Radio, Telephone transmitter and receiver unit

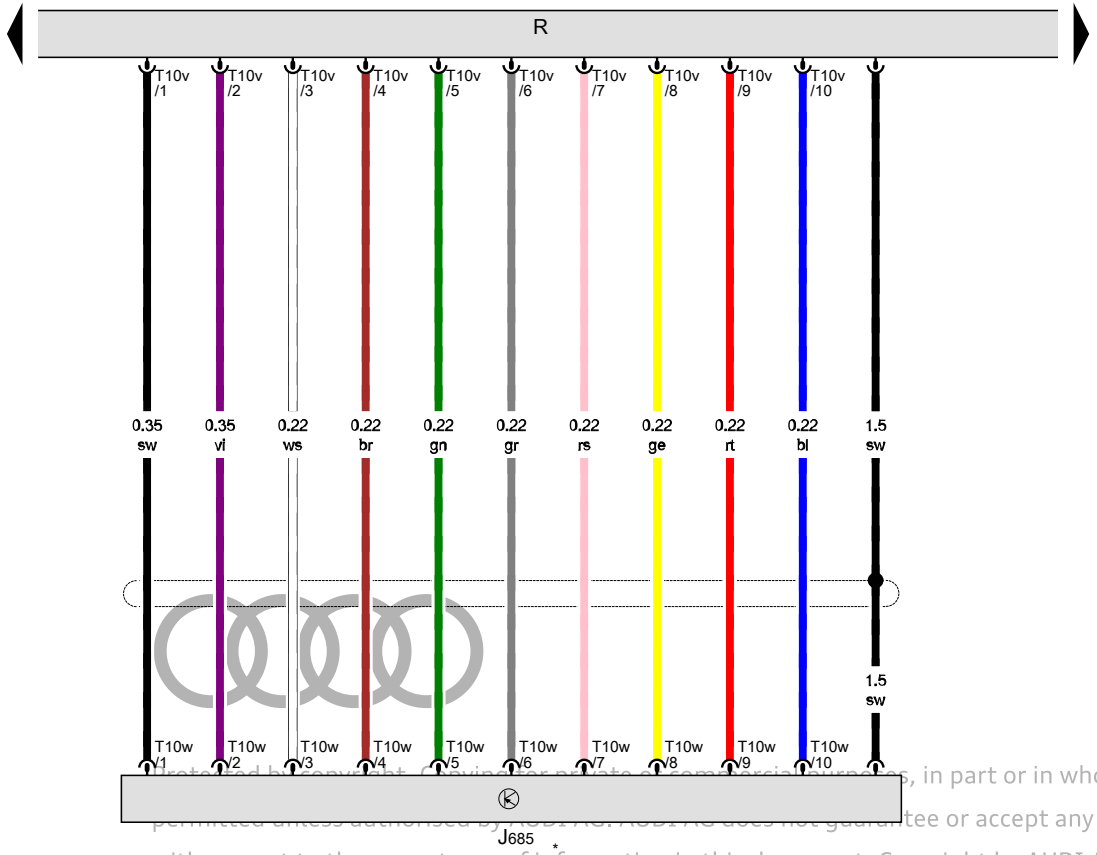
R	Radio
R36	Telephone transmitter and receiver unit
ST2	Fuse carrier 2
SD3	Fuse 3 on fuse holder D
T12a	12-pin connector
T16l	16-pin connector
T54a	54-pin connector
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment

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Display unit for front information display and operating unit control unit, Radio

J685	Display unit for front information display and operating unit control unit
R	Radio
T10v	10-pin connector
T10w	10-pin connector
*	Optional equipment

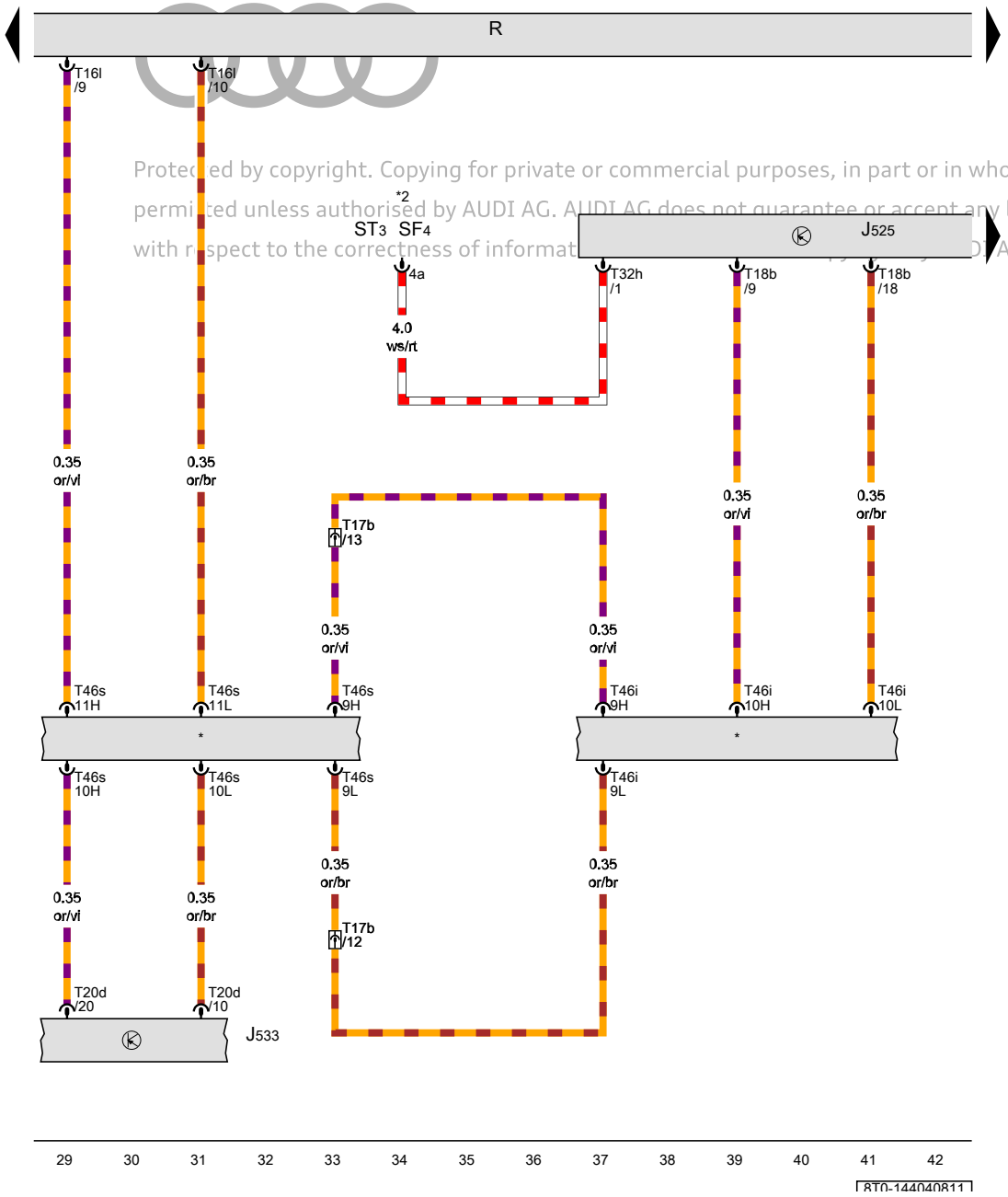


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15 16 17 18 19 20 21 22 23 24 25 26 27 28

8T0-1440308111

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

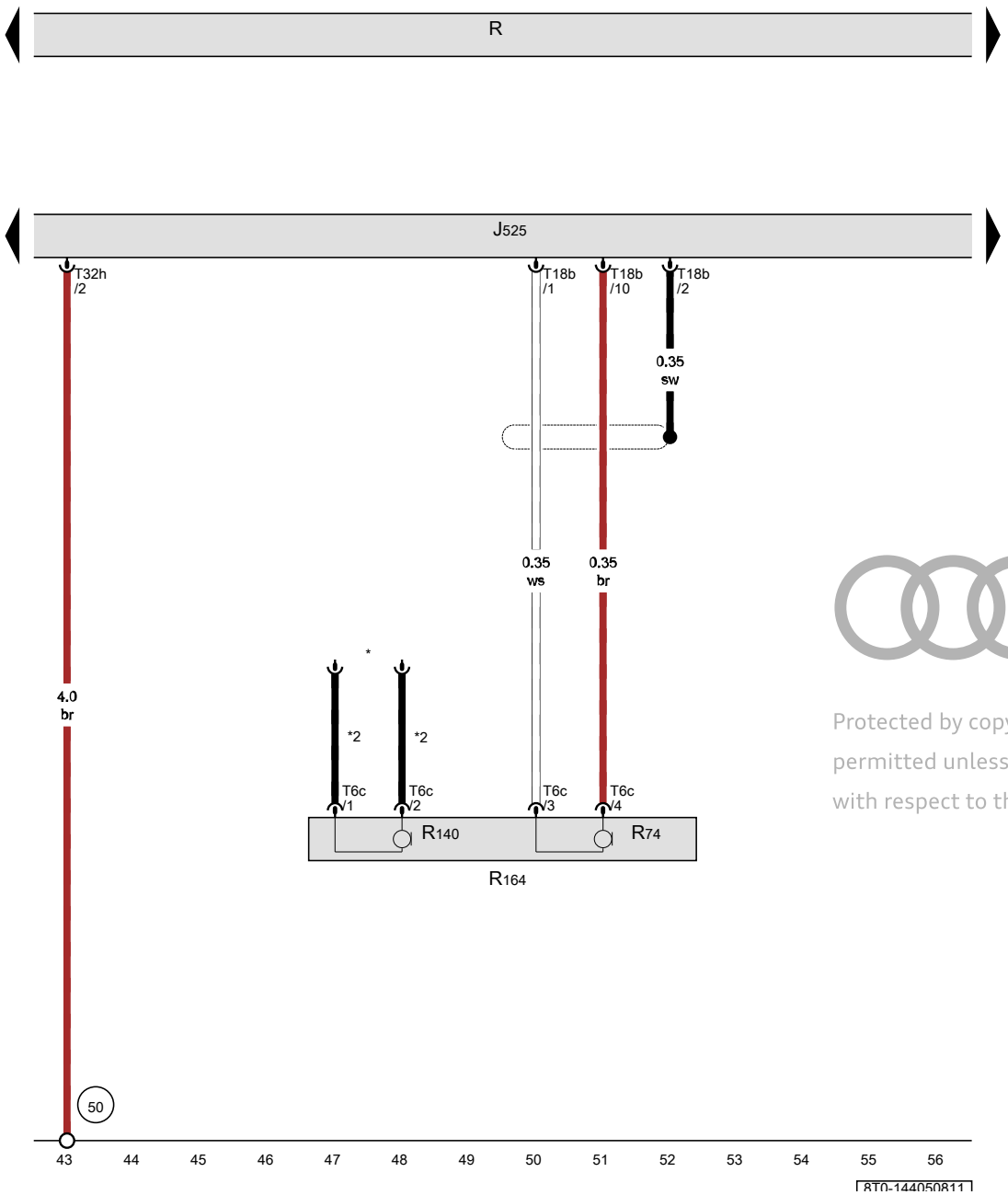


ws = white
sw = black
ro = red
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gn = green
bl = blue
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li = purple
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or = orange
rs = pink

Digital sound package control unit, Data bus diagnostic interface, Radio

J525	Digital sound package control unit
J533	Data bus diagnostic interface
R	Radio
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T16l	16-pin connector
T17b	17-pin connector, blue
T18b	18-pin connector
T20d	20-pin connector
T32h	32-pin connector
T46i	46-pin connector
T46s	46-pin connector
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment

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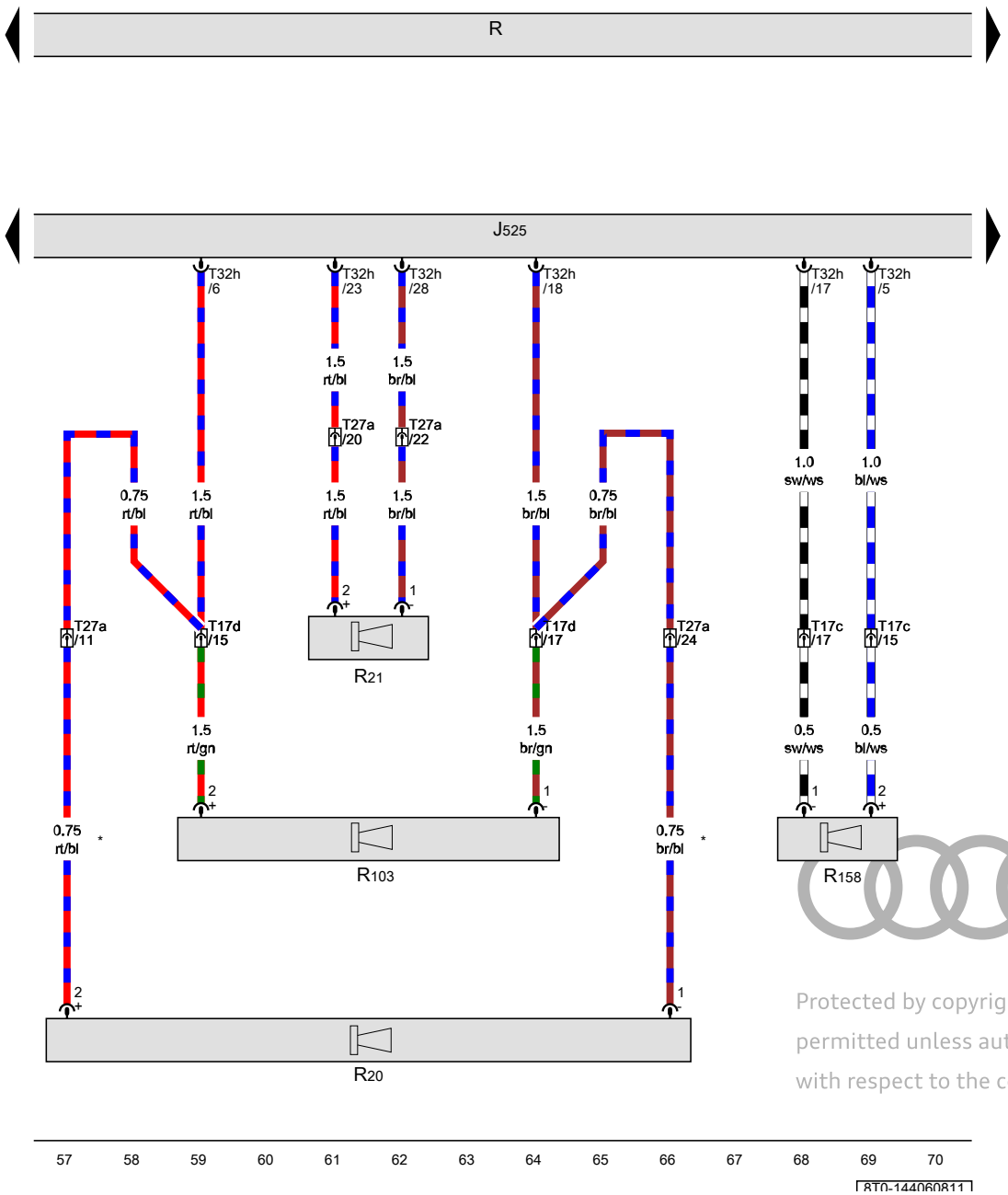


Digital sound package control unit, Radio, Microphone unit in front roof module

J525	Digital sound package control unit
R	Radio
R74	Internal microphone
R140	Front left microphone
R164	Microphone unit in front roof module
T6c	6-pin connector
T18b	18-pin connector
T32h	32-pin connector
50	Earth point, on left in luggage compartment
*	Only models with mobile telephone/telephone
*2	see applicable current flow diagram for telephone systems

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Digital sound package control unit, Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker, Centre mid-range and treble loudspeaker

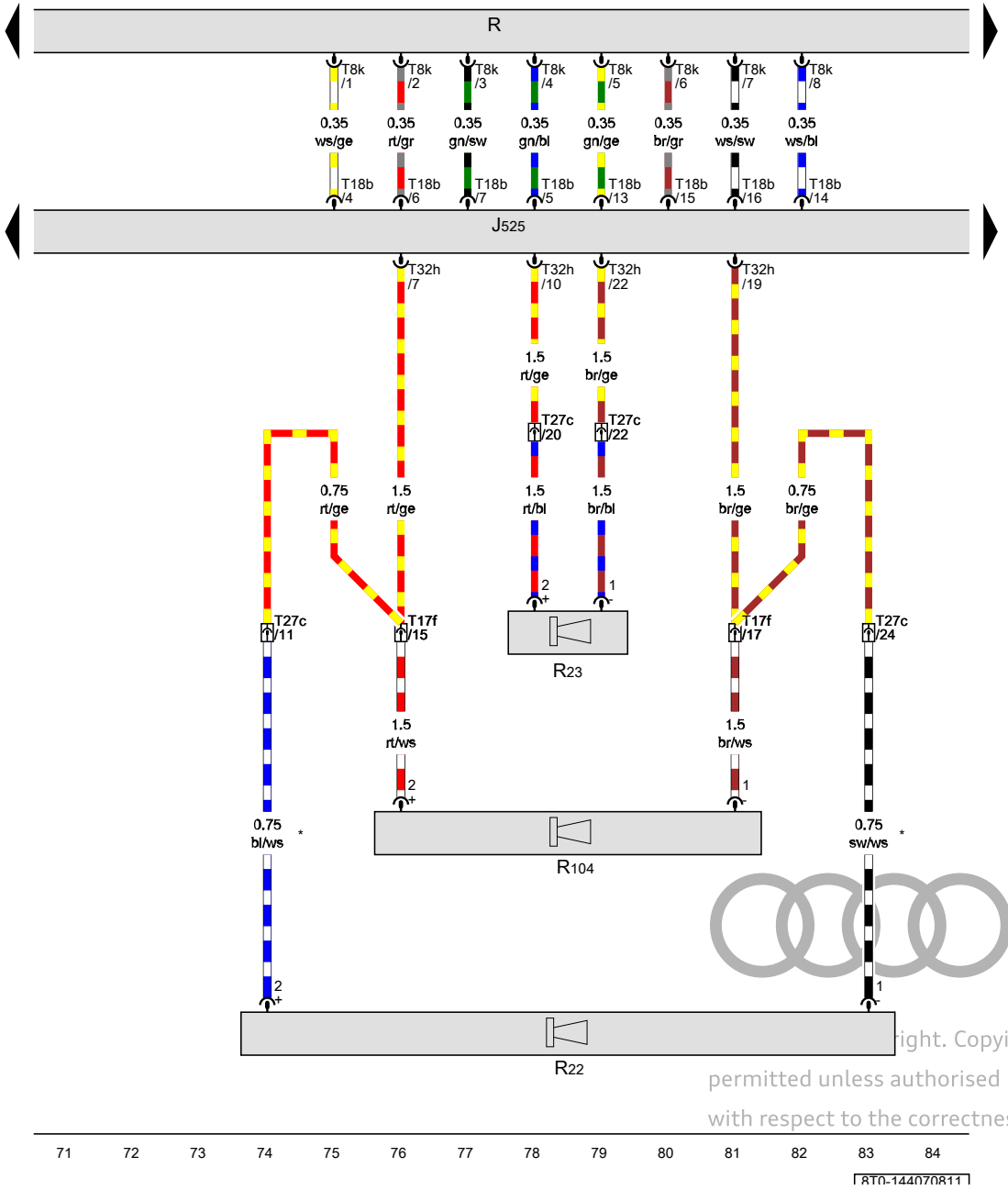
J525	Digital sound package control unit
R	Radio
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector
T17d	17-pin connector
T27a	27-pin connector
T32h	32-pin connector
*	Cross section depends on equipment

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gn	=	green
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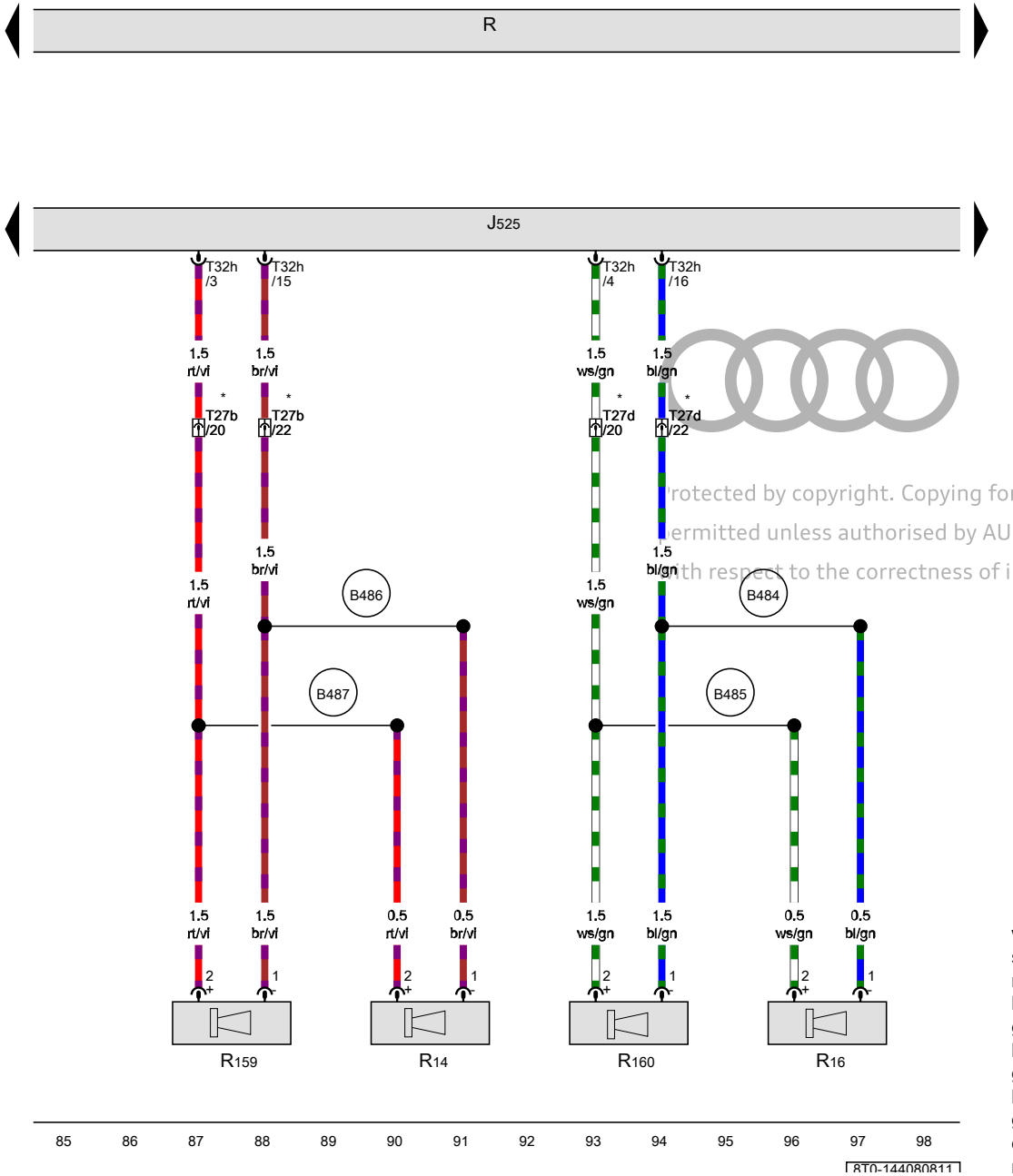
Digital sound package control unit, Radio, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker

J525	Digital sound package control unit
R	Radio
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
T8k	8-pin connector
T17f	17-pin connector
T18b	18-pin connector
T27c	27-pin connector
T32h	32-pin connector
*	Cross section depends on equipment



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bl = blue
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ge = yellow
or = orange
rs = pink

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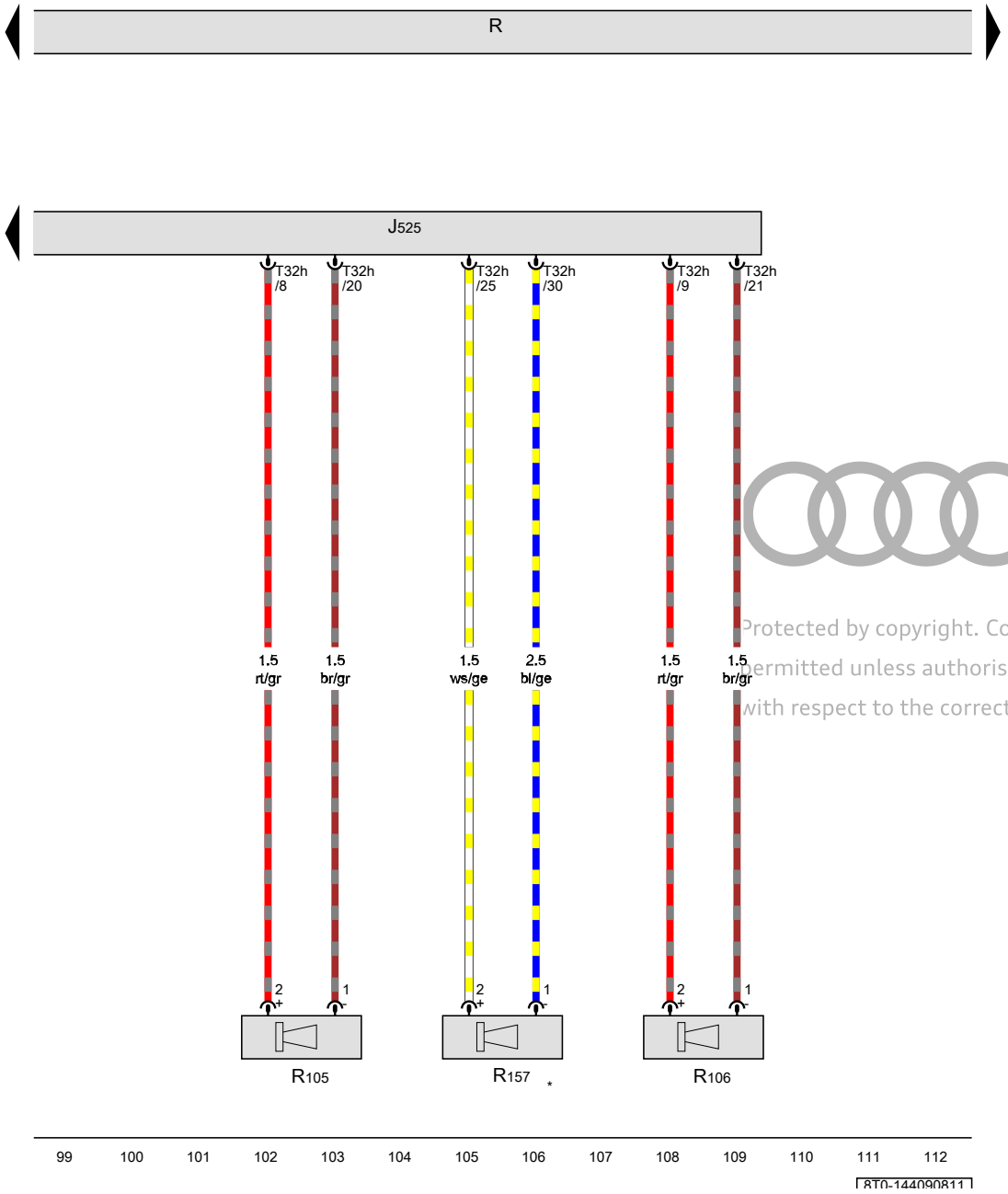
Digital sound package control unit, Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

J525	Digital sound package control unit
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
T27b	27-pin connector
T27d	27-pin connector
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors

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

Digital sound package control unit, Radio, Rear left mid-range loudspeaker, Subwoofer in rear shelf

J525	Digital sound package control unit
R	Radio
R105	Rear left mid-range loudspeaker
R106	Rear right mid-range loudspeaker
R157	Subwoofer in rear shelf
T32h	32-pin connector
*	According to equipment

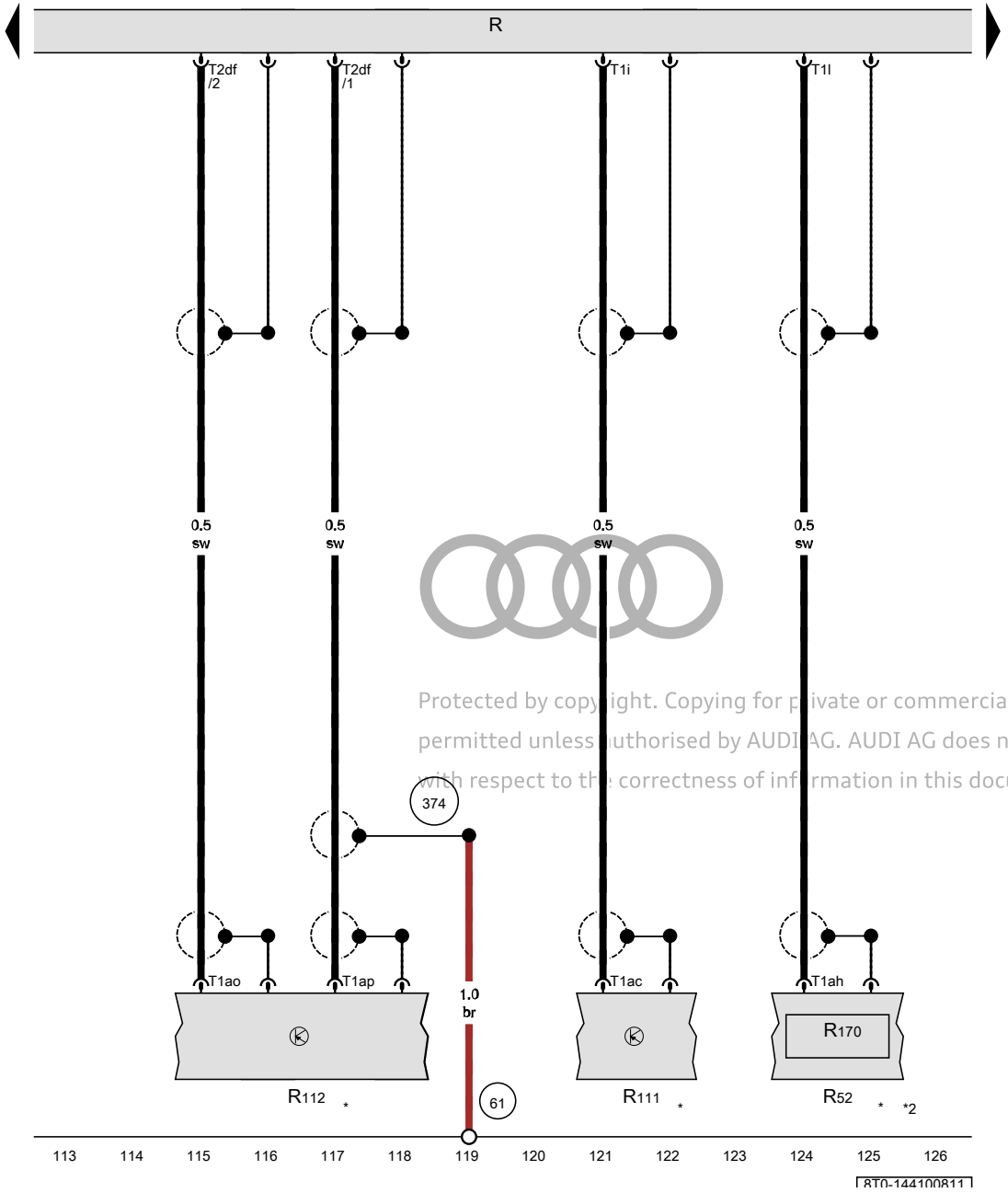


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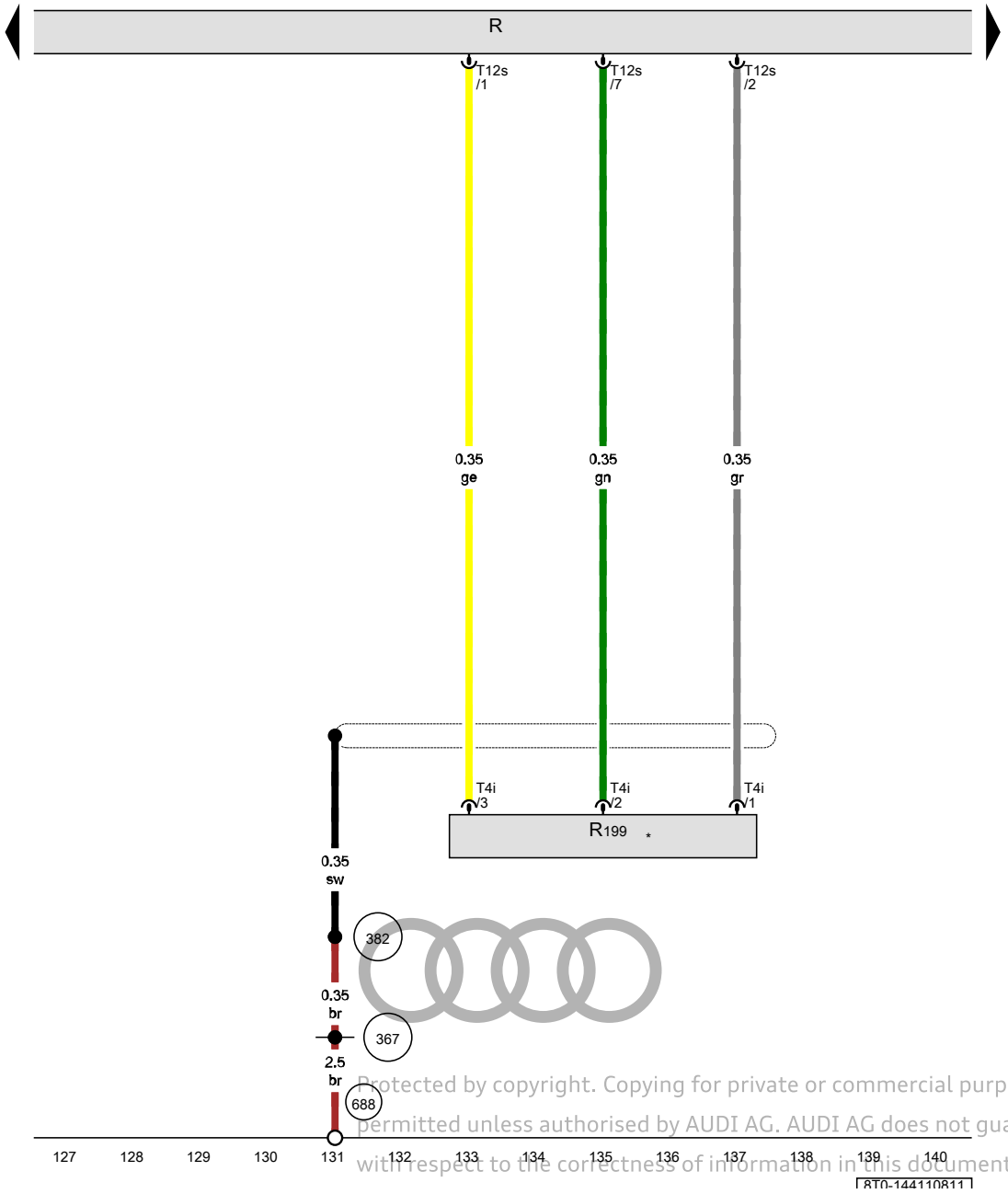
Radio, Radio, telephone and navigation system aerial, Aerial amplifier 2, Aerial amplifier 3, Satellite aerial

R	Radio
R52	Radio, telephone and navigation system aerial
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R170	Satellite aerial
T1ac	Single connector
T1ah	Single connector
T1ao	Single connector
T1ap	Single connector
T1i	Single connector
T1l	Single connector
T2df	2-pin connector
61	Earth point, left C-pillar
374	Earth connection 9, in main wiring harness
*	According to equipment
*2	Roof aerial



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ge	=	yellow
or	=	orange
rs	=	pink



Radio, Connection for external audio sources

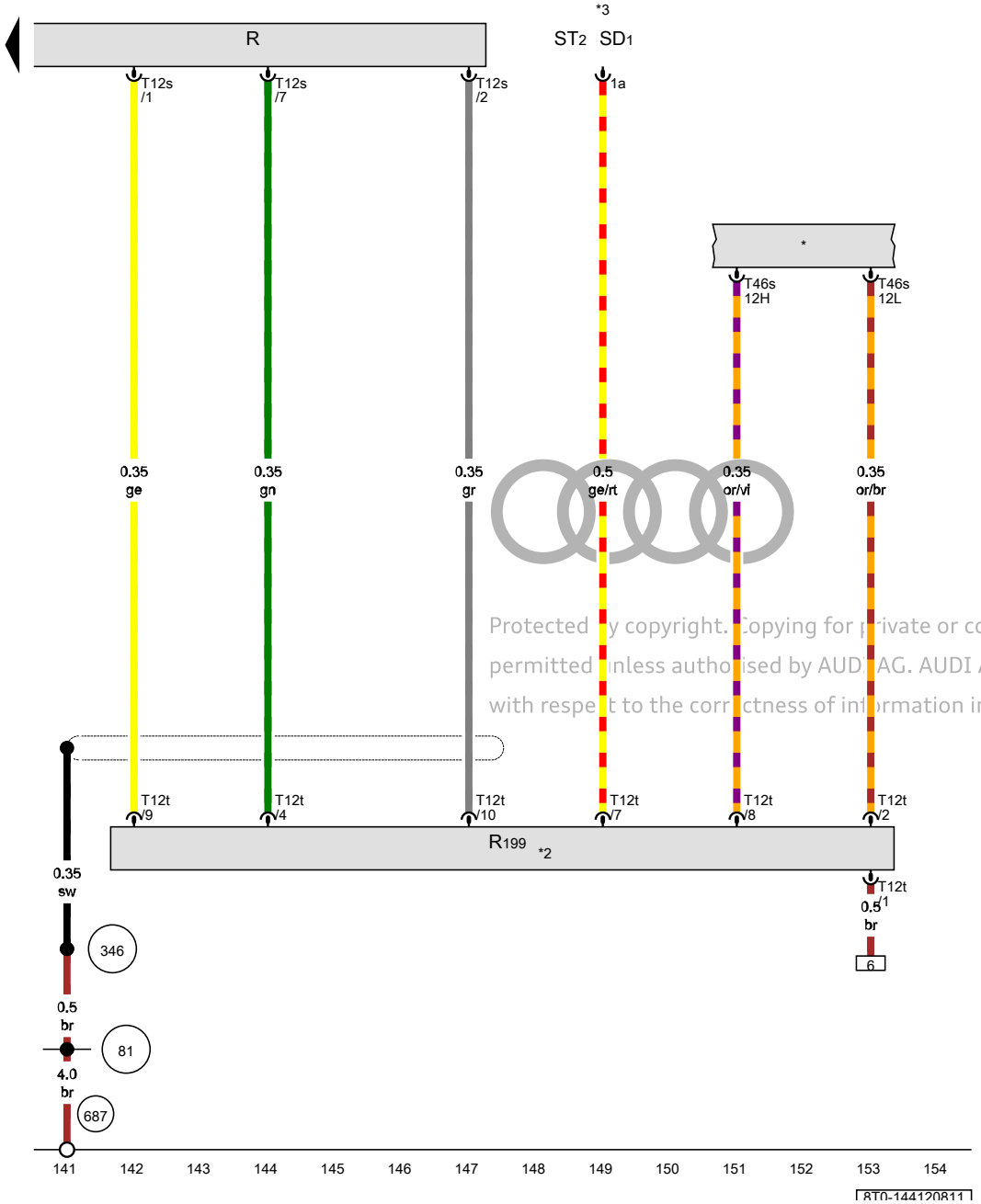
R	Radio
R199	Connection for external audio sources
T4i	4-pin connector
T12s	12-pin connector
367	Earth connection 2, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with connection for external audio sources - AUX-IN socket

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ro	=	red
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Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
SD1	Fuse 1 on fuse holder D
ST2	Fuse carrier 2
T12s	12-pin connector
T12t	12-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
346	Earth connection (audio), in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram
*2	Only models with connection for external audio sources - Audi music interface
*3	see applicable current flow diagram for fuse assignment



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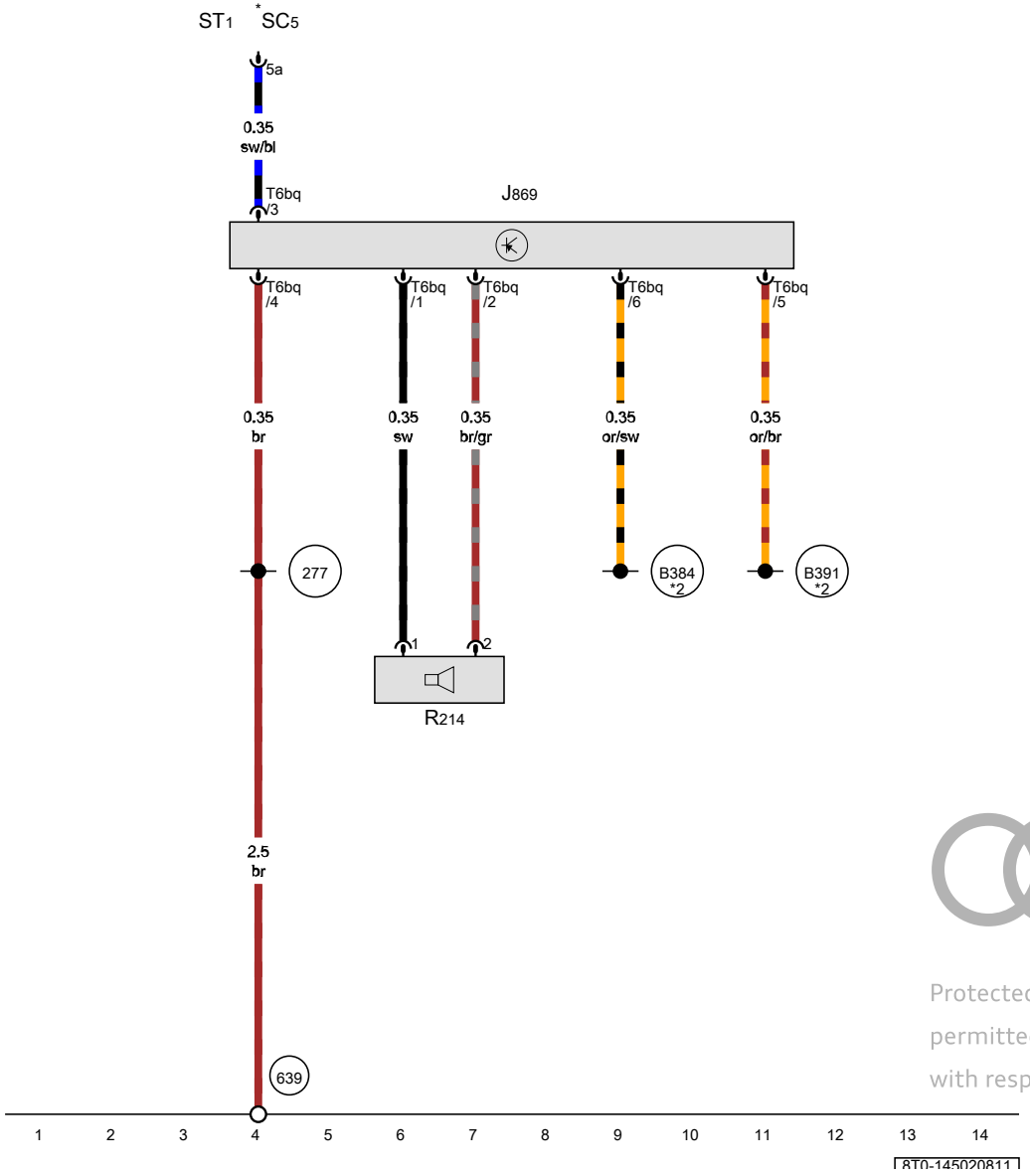
Actuator for structure-borne sound

From August 2011

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Control unit for structure-borne sound, Actuator for structure-borne sound

J869	Control unit for structure-borne sound
R214	Actuator for structure-borne sound
ST1	Fuse carrier 1
SC5	Fuse 5 on fuse holder C
T6bq	6-pin connector
277	Earth connection 3, in interior wiring harness
639	Earth point, left A-pillar
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain 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



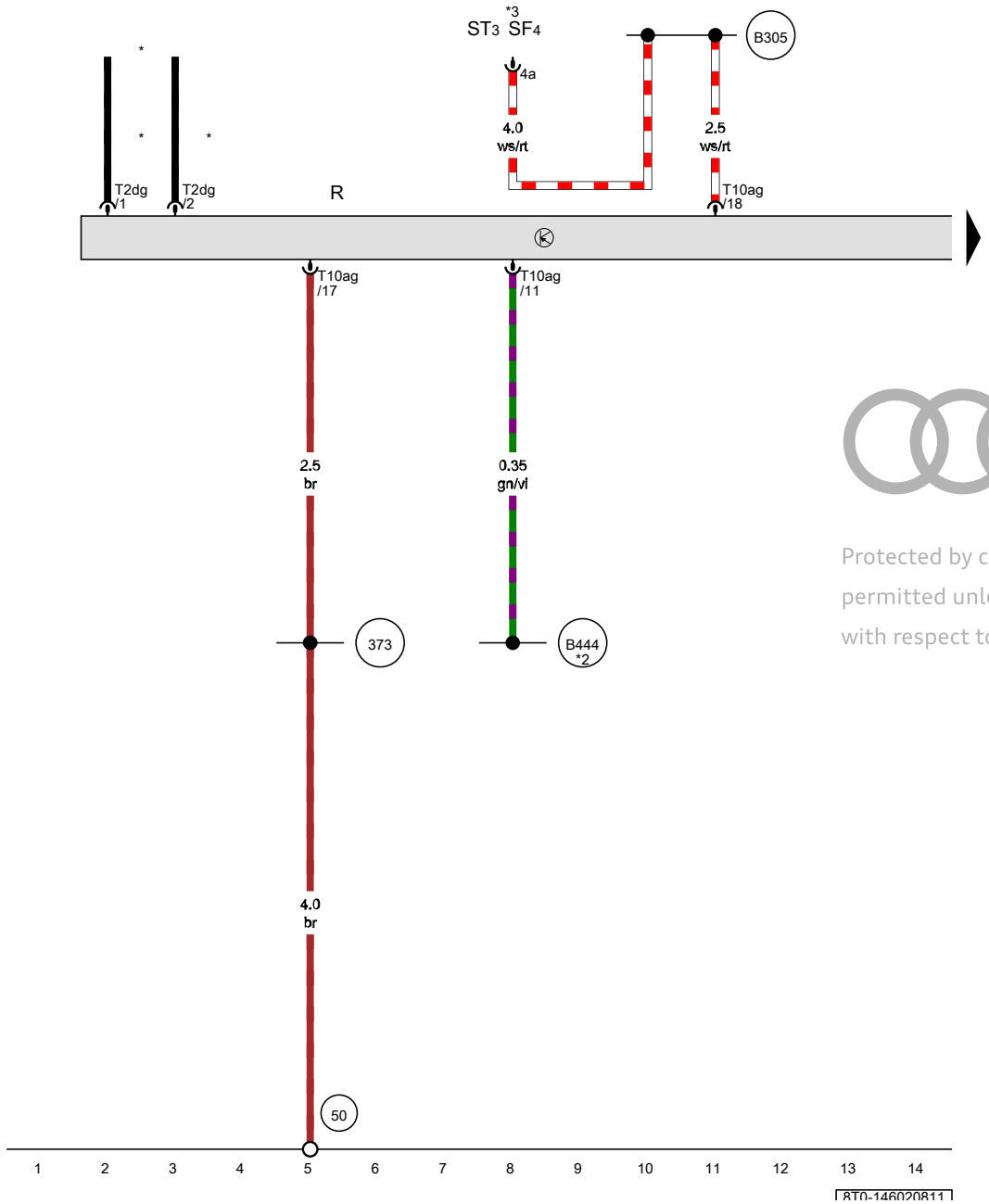
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MMI with radio and basic sound system

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Radio

R	Radio
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T2dg	2-pin connector
T10ag	10-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B305	Positive connection 9 (30), in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	Fibre optic cable (FOC)
*2	see applicable current flow diagram
*3	see applicable current flow diagram for fuse assignment

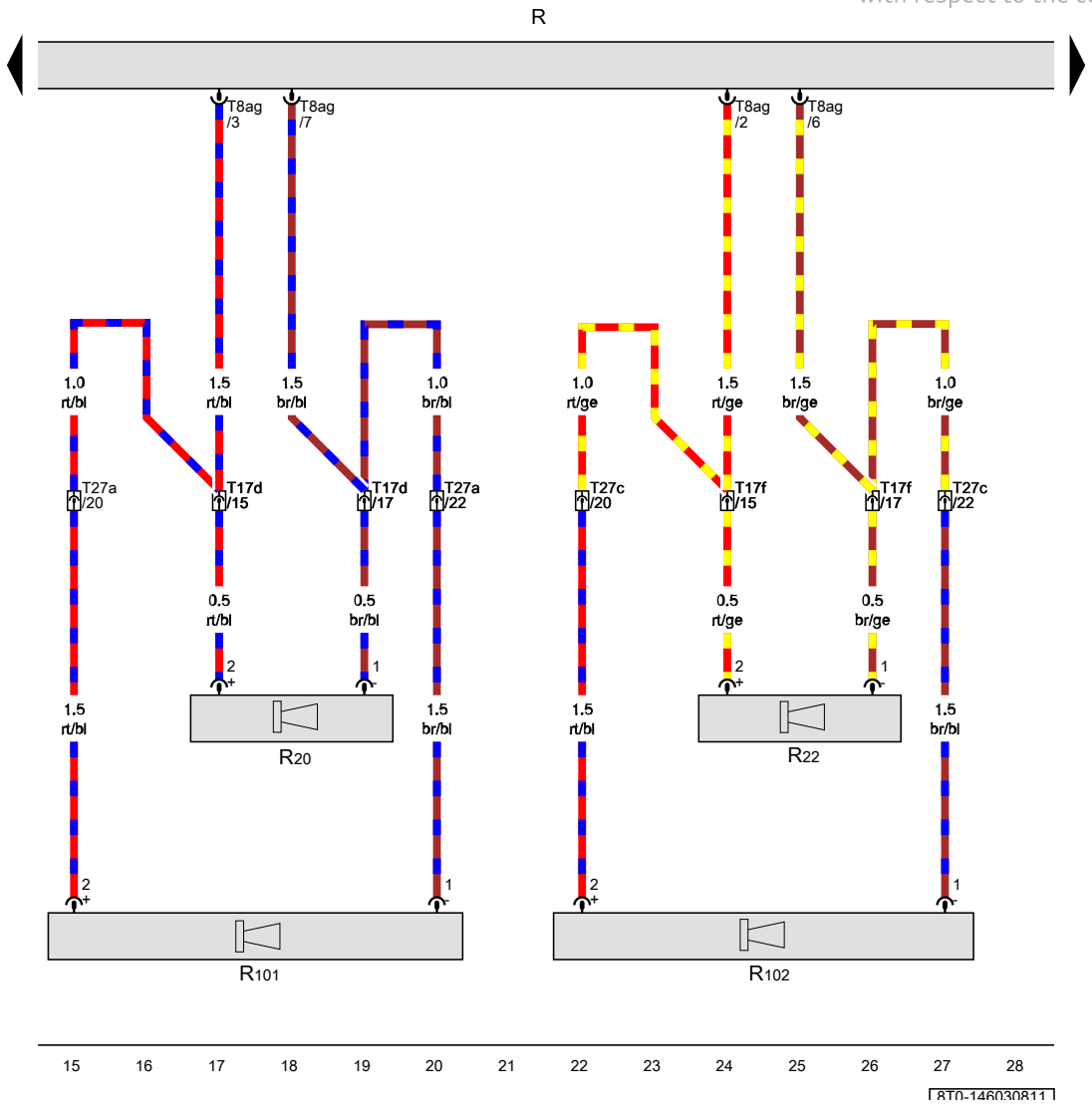
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or	=	orange
rs	=	pink

Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
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
T8ag	8-pin connector
T17d	17-pin connector, brown
T17f	17-pin connector, brown
T27a	27-pin connector, black
T27c	27-pin connector, black

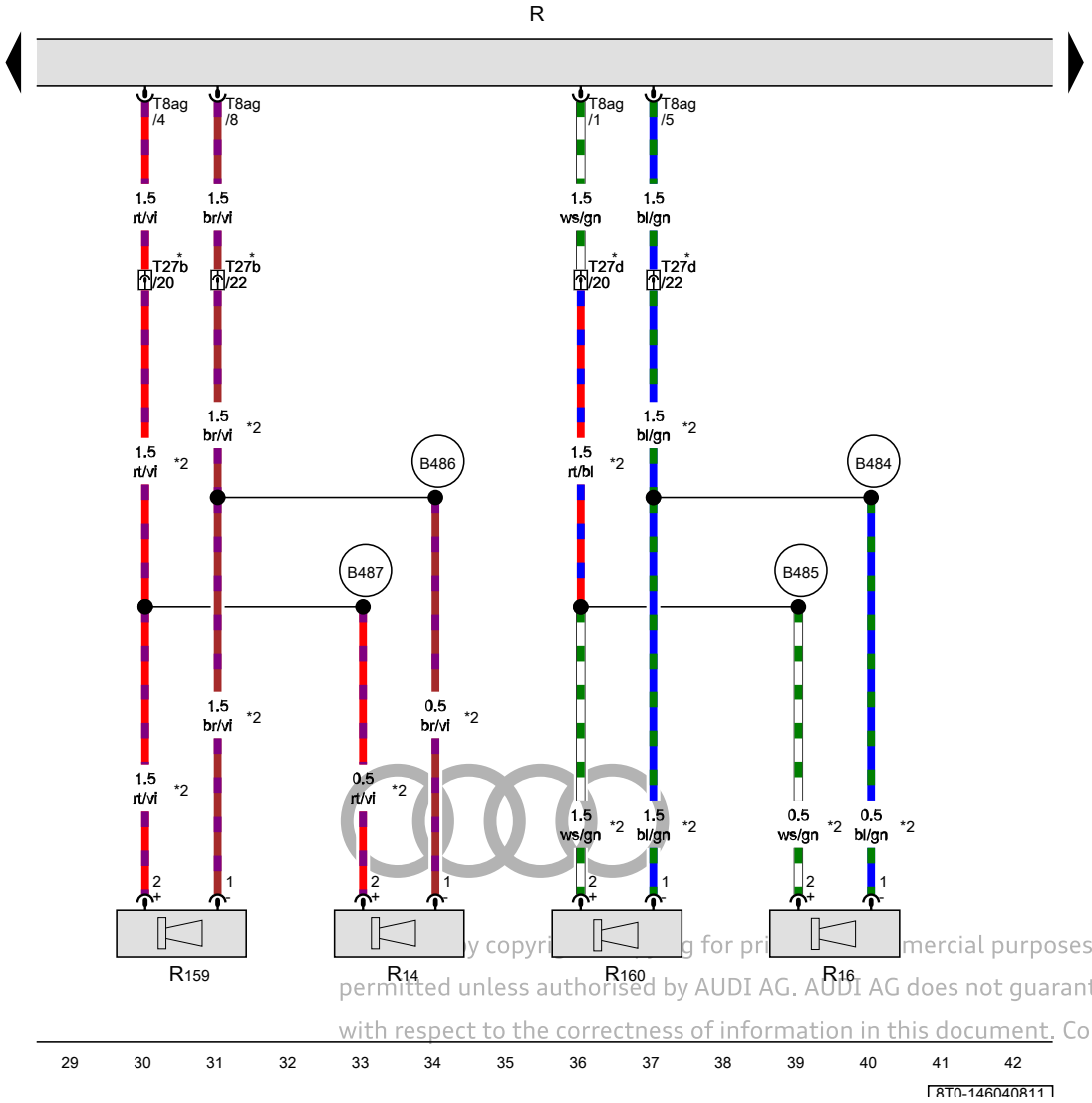
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bl	=	blue
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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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

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
T8ag	8-pin connector
T27b	27-pin connector, black
T27d	27-pin connector, black
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	Wiring colour depends on equipment

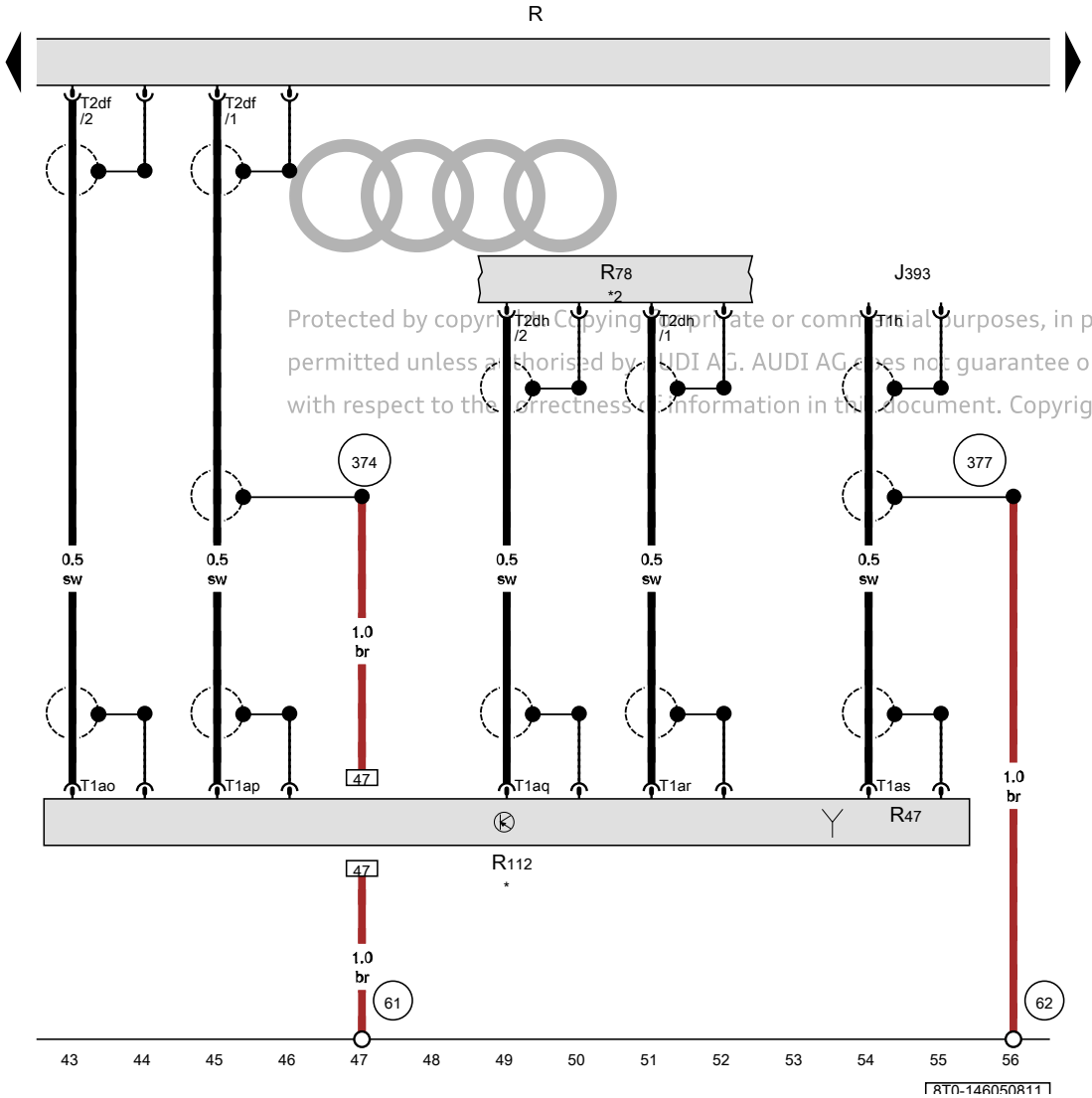


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Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with TV tuner

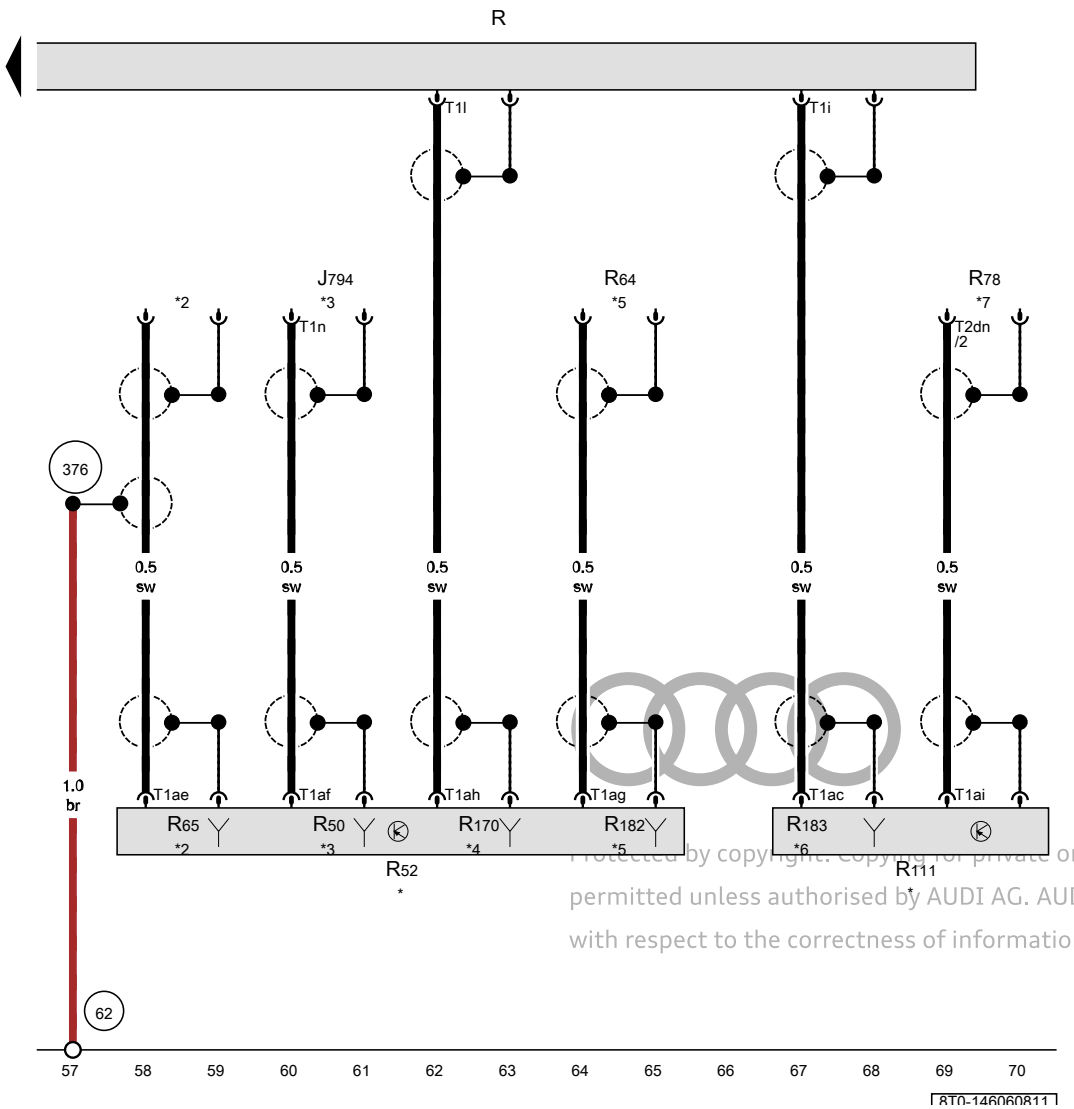


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rs	=	pink

Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	Only models with mobile telephone/telephone
*3	Optional equipment
*4	Only models with satellite radio
*5	Only models with auxiliary heating
*6	Only models with digital radio
*7	Only models with TV tuner



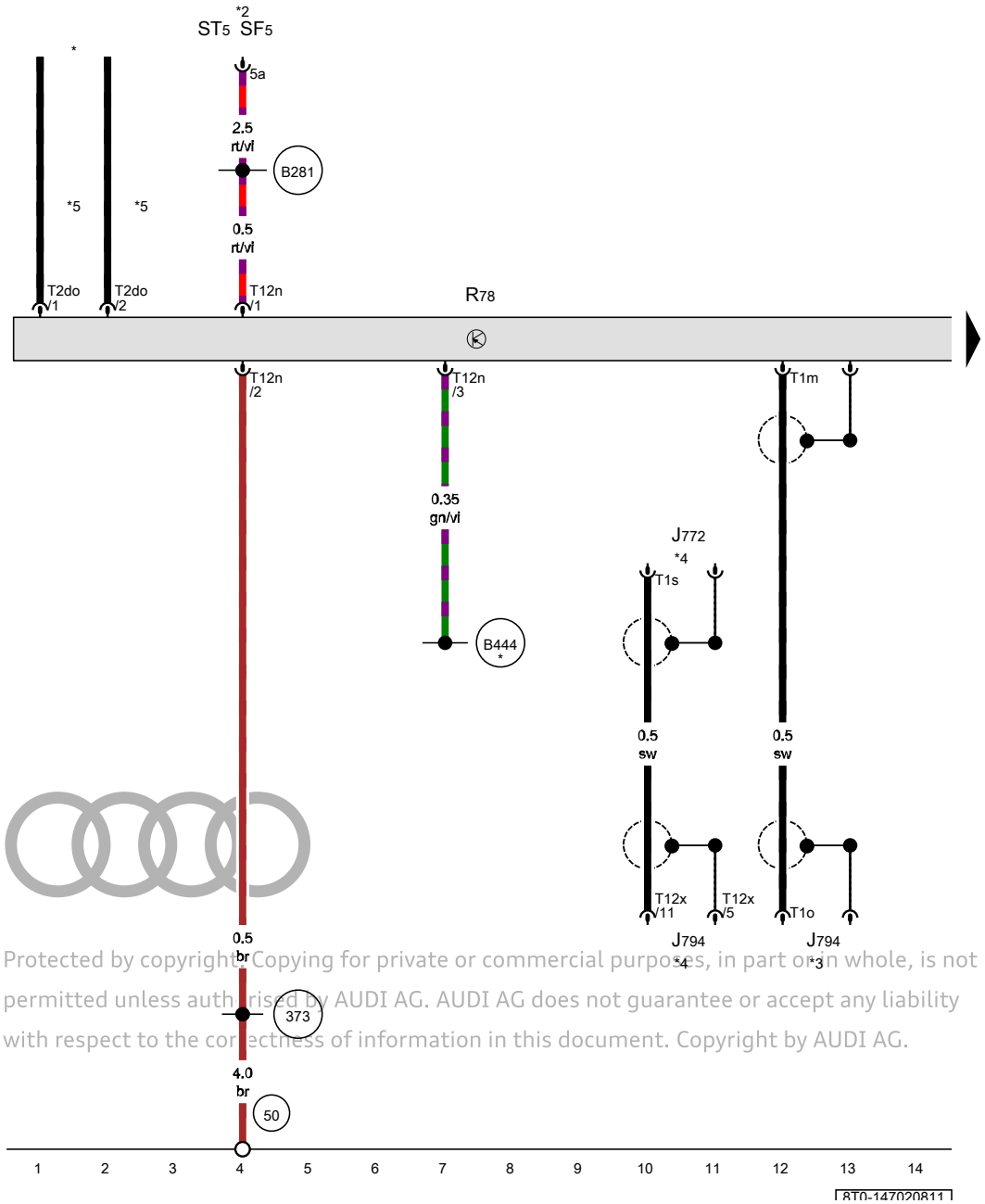
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Digital TV tuner

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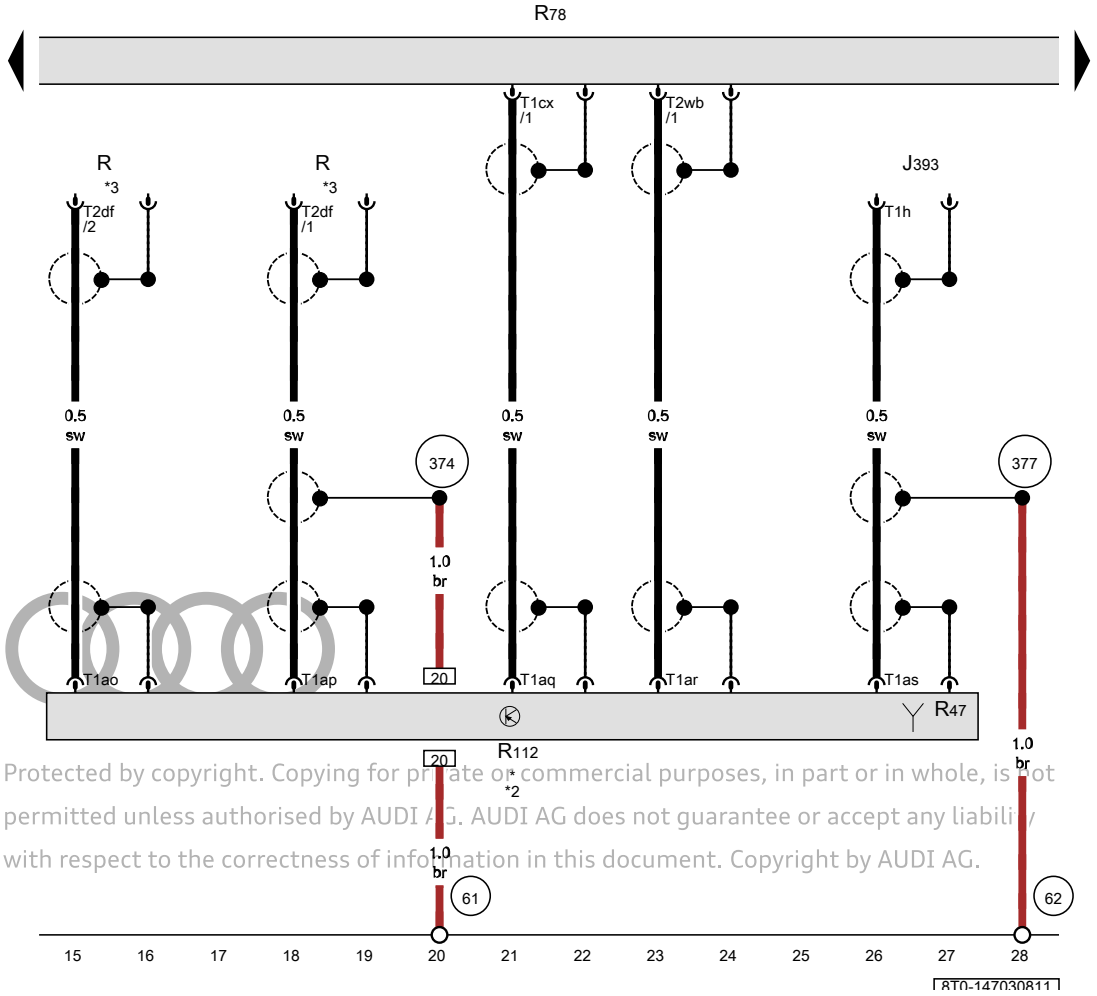
Reversing camera system control unit, Control unit 1 for information electronics, TV tuner

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R78	TV tuner
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T1m	Single connector
T1o	Single connector
T1s	Single connector
T2do	2-pin connector
T12n	12-pin connector
T12x	12-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B444	Connection 1 (diagnosis), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for fuse assignment
*3	Only models with no reversing camera system
*4	Only models with reversing camera system
*5	Fibre optic cable (FOC)

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br	=	brown
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or	=	orange
rs	=	pink

Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

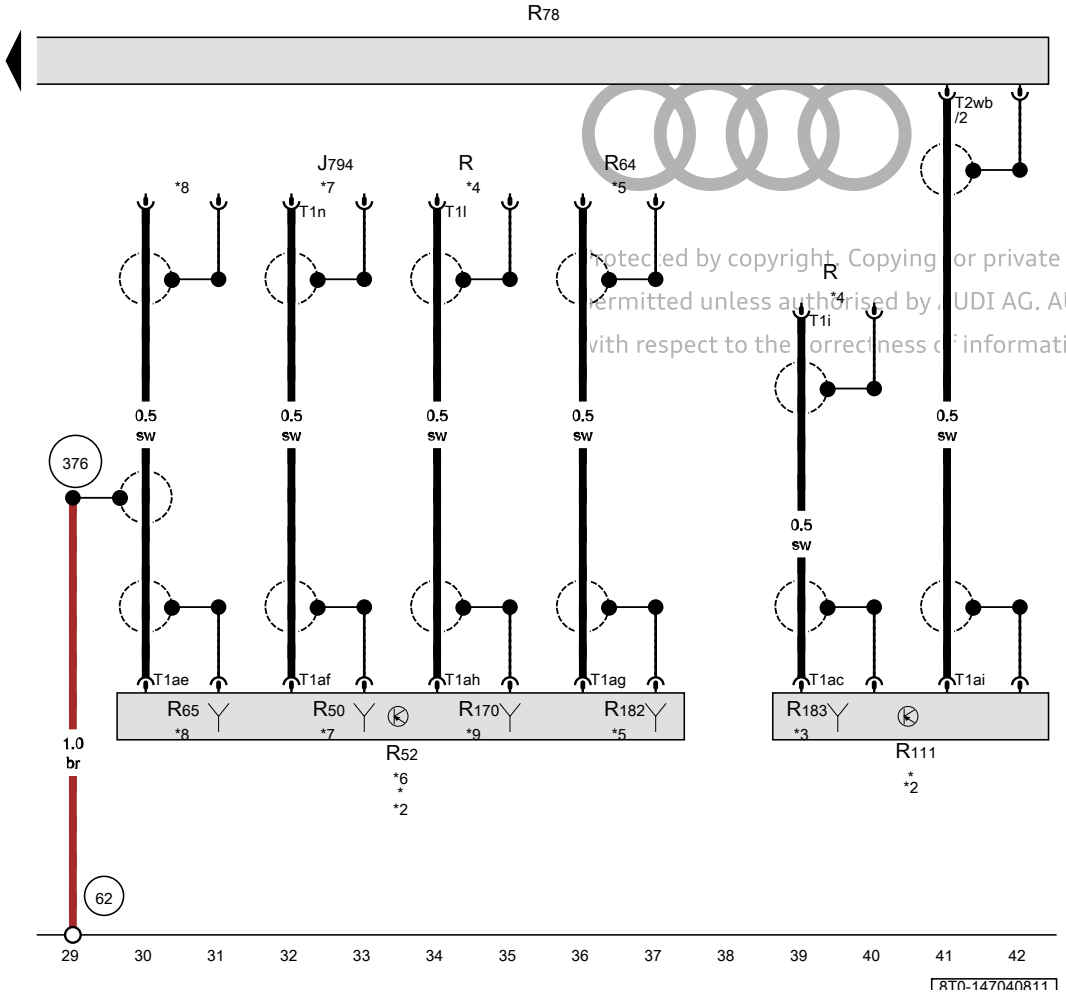
J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1cx	Single connector
T1h	Single connector
T2df	2-pin connector
T2wb	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram
*3	Only models with radio



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or	=	orange
rs	=	pink

Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial



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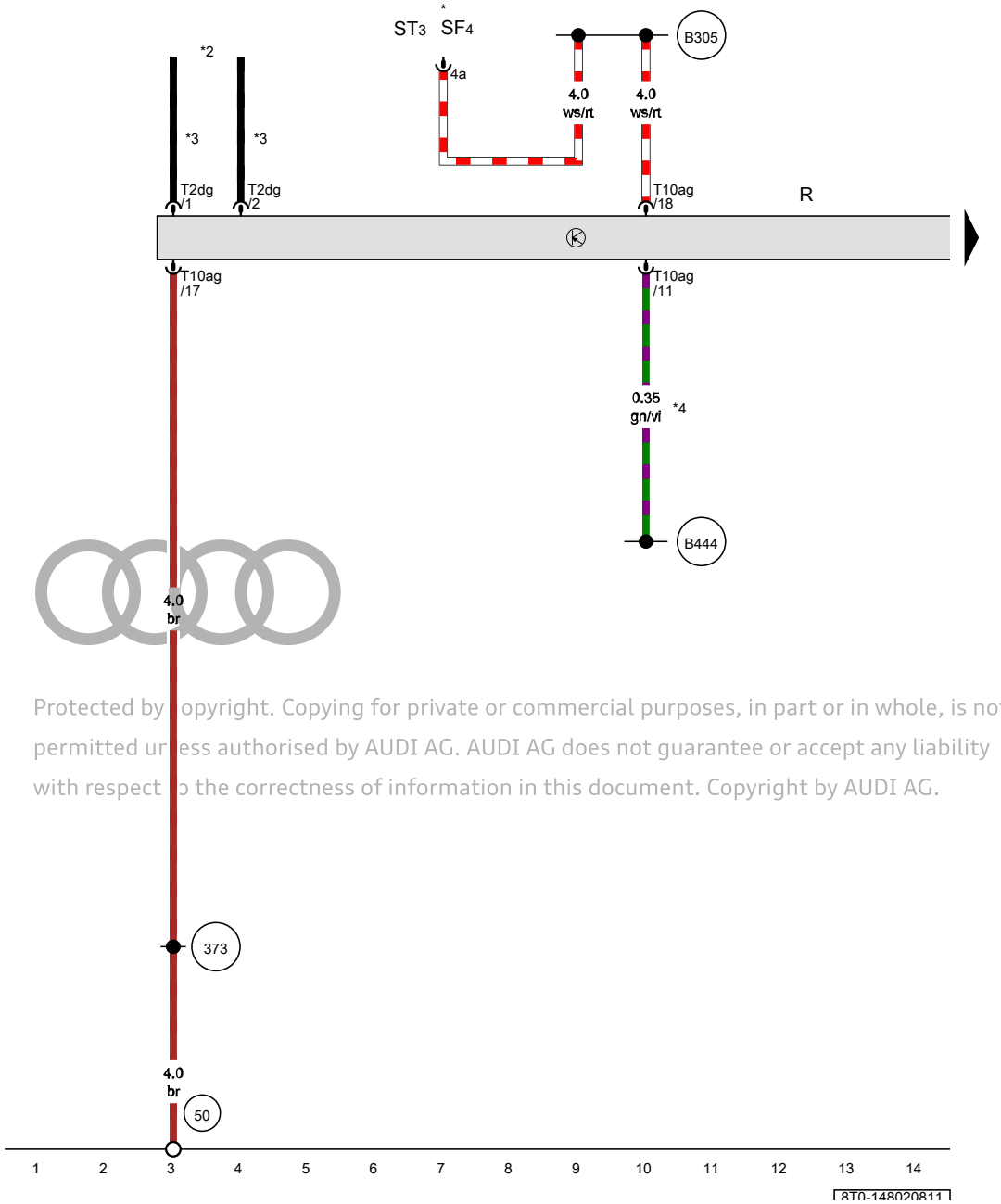
J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2wb	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Only models with 2-doors
*2	see applicable current flow diagram
*3	Only models with digital radio
*4	Only models with radio
*5	Only models with auxiliary heating
*6	Roof aerial
*7	Only models with navigation system
*8	Only models with mobile telephone/telephone
*9	Only models with satellite radio

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

MMI with radio and Standard sound system

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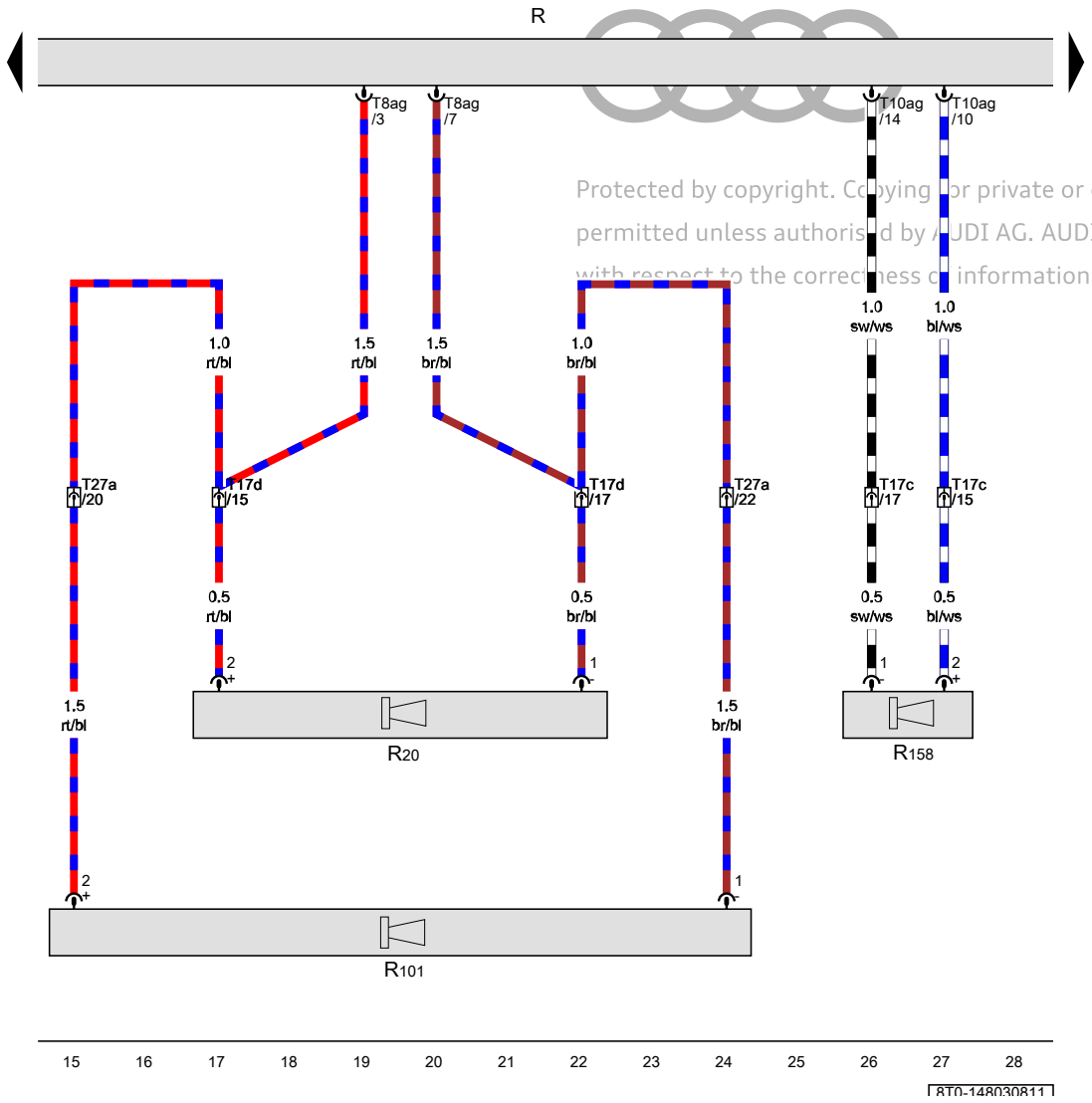
Radio

R	Radio
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T2dg	2-pin connector
T10ag	10-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B305	Positive connection 9 (30), 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
*3	Fibre optic cable (FOC)
*4	see applicable current flow diagram for ring circuit break diagnostic

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

Radio, Front left treble loudspeaker, Front left mid-range and bass loudspeaker, Centre mid-range and treble loudspeaker

R	Radio
R20	Front left treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R158	Centre mid-range and treble loudspeaker
T8ag	8-pin connector
T10ag	10-pin connector
T17c	17-pin connector, black
T17d	17-pin connector, brown
T27a	27-pin connector, lower part of A-pillar, driver side

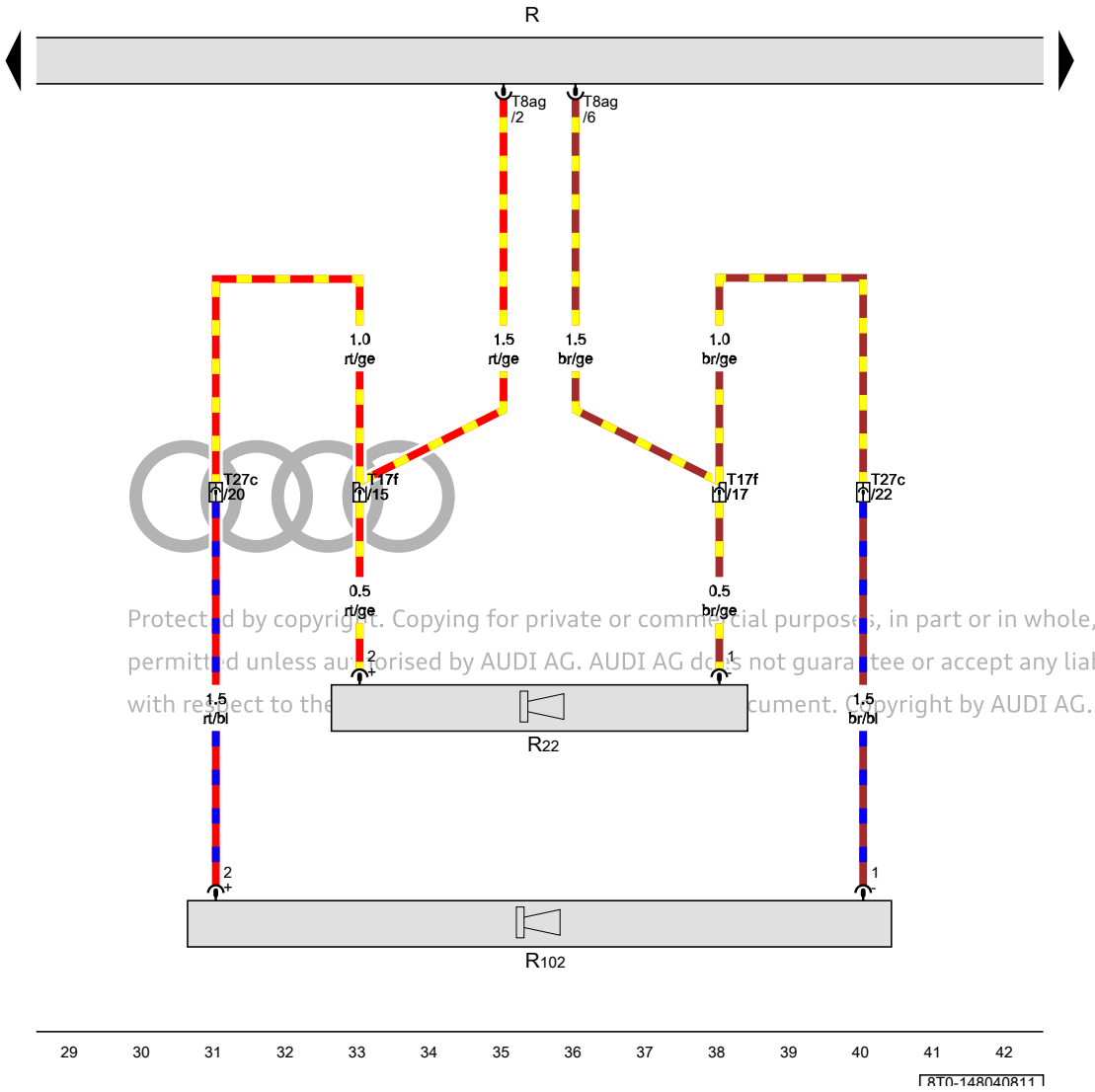


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li	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio, Front right treble loudspeaker, Front right mid-range and bass loudspeaker

R	Radio
R22	Front right treble loudspeaker
R102	Front right mid-range and bass loudspeaker
T8ag	8-pin connector
T17f	17-pin connector, brown
T27c	27-pin connector, lower part of A-pillar, front passenger side

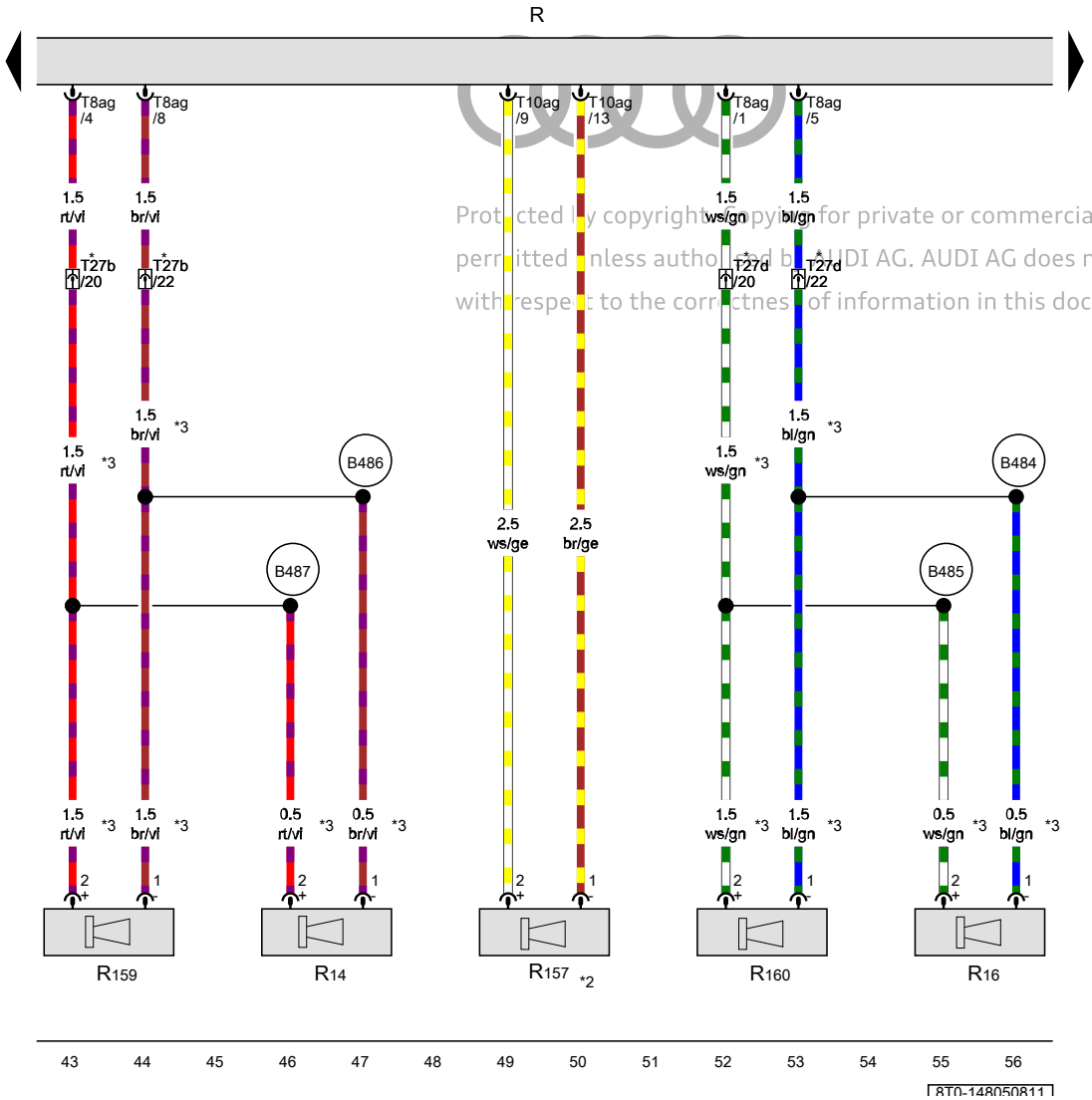


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or	=	orange
rs	=	pink

Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Subwoofer in rear shelf, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R157	Subwoofer in rear shelf, in spare wheel well
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T8ag	8-pin connector
T10ag	10-pin connector
T27b	27-pin connector, lower part of B-pillar, driver side
T27d	27-pin connector, lower part of B-pillar, front passenger side
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	According to equipment
*3	Wiring colour depends on equipment

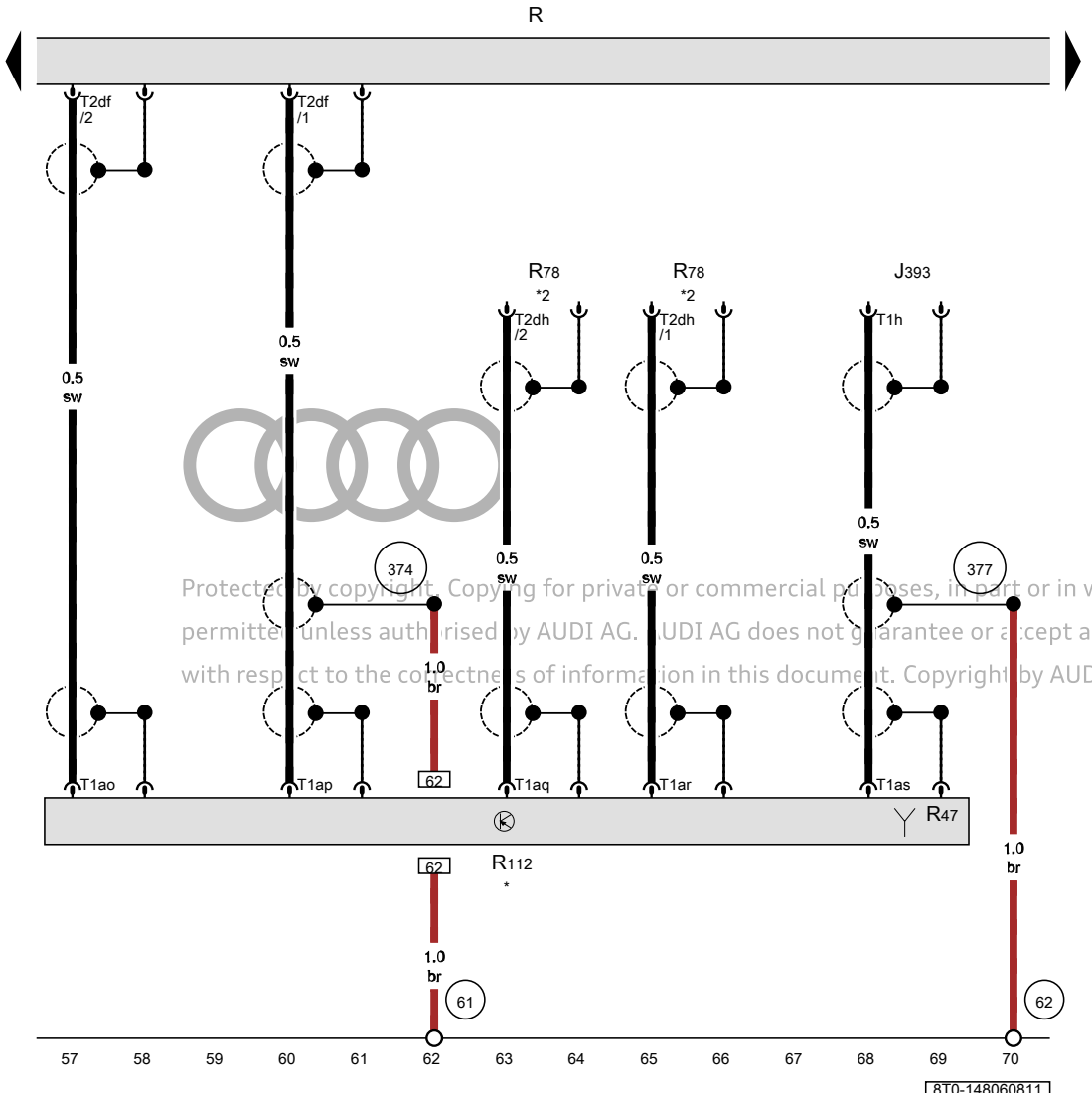


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Radio, Central locking and anti-theft alarm system aerial, Aerial amplifier 3

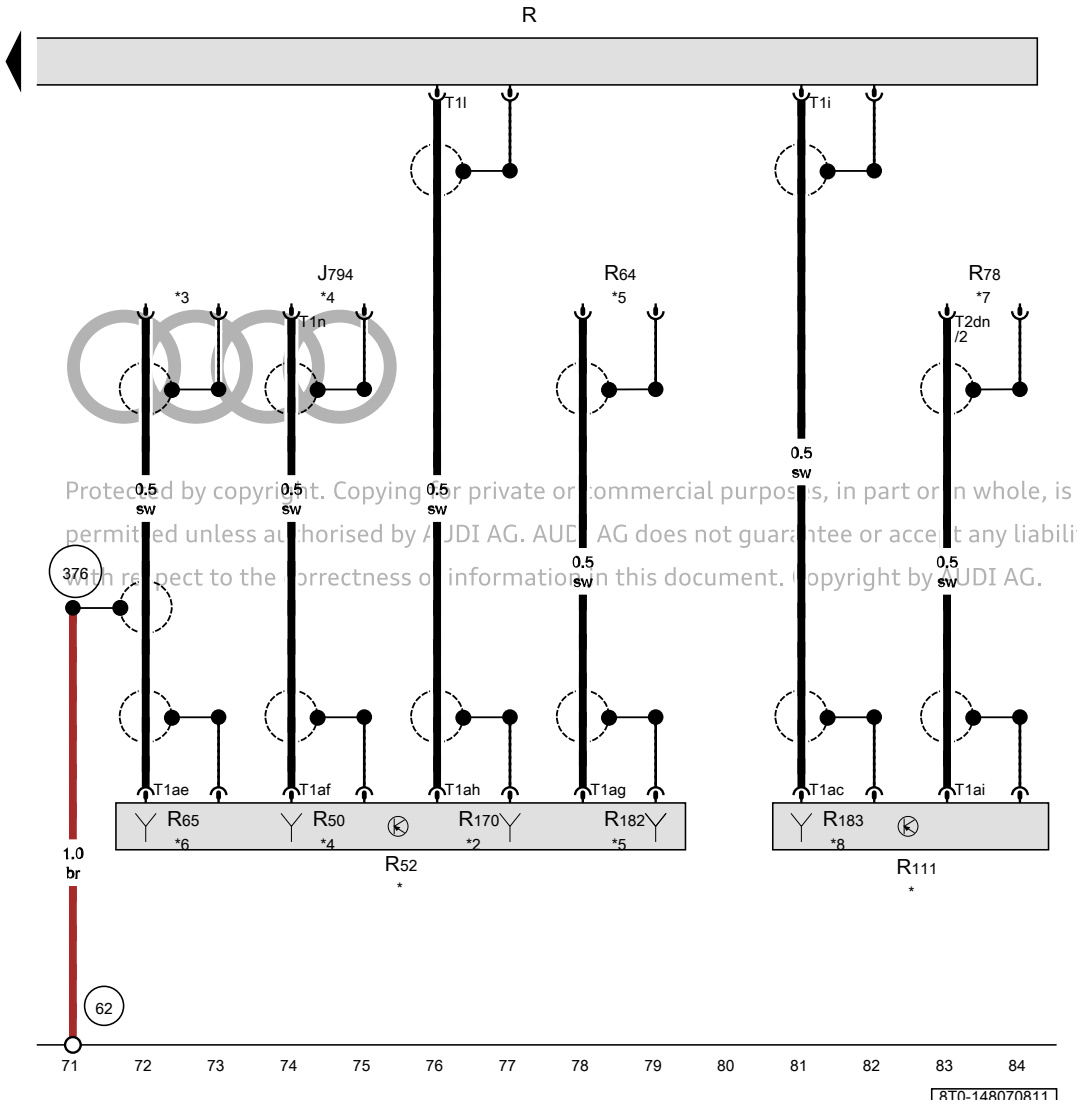
J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	Only models with 2-doors
*2	Only models with TV tuner



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Radio, GPS aerial, Radio, telephone and navigation system aerial, Telephone aerial, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial, Digital radio aerial



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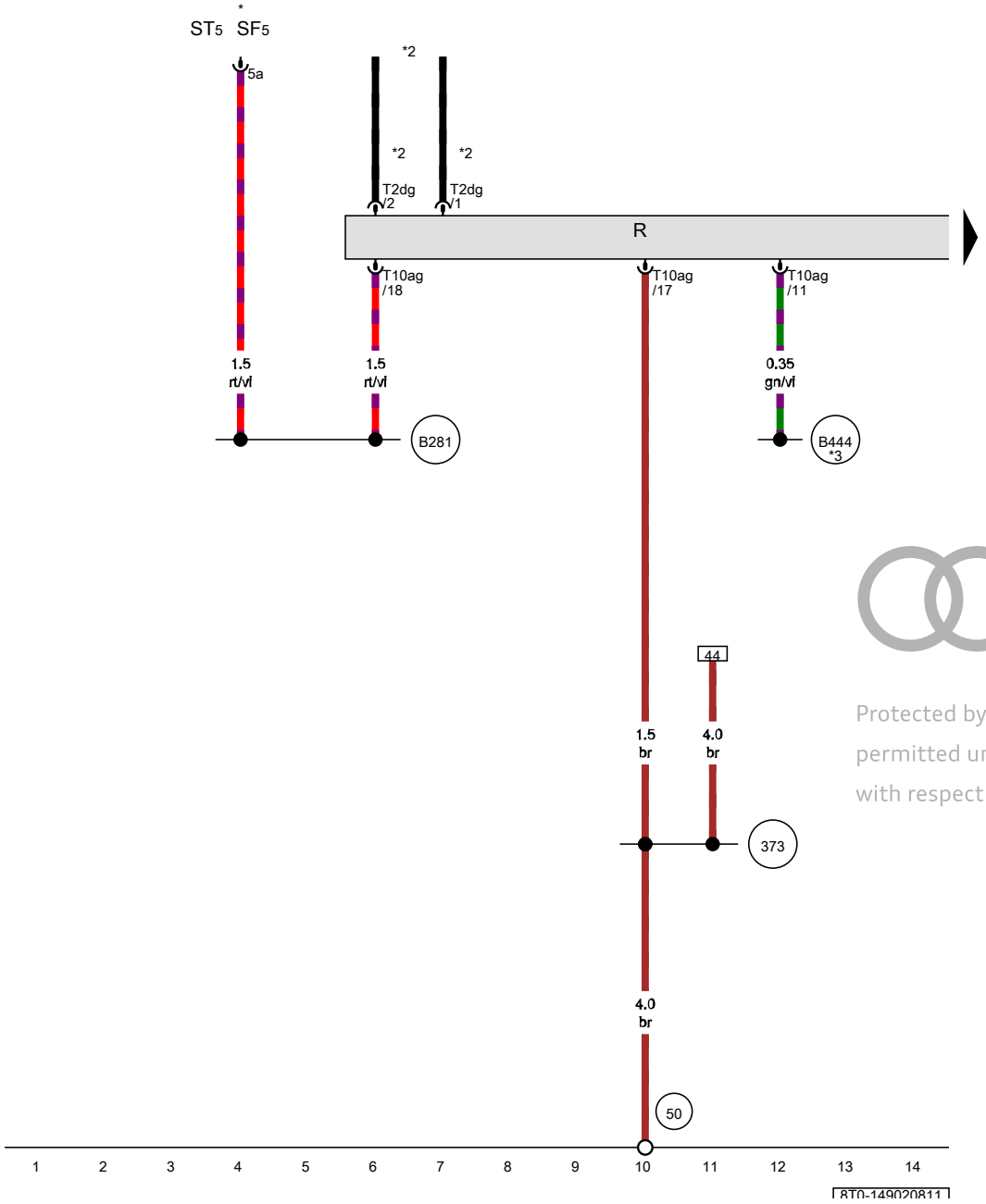
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J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
R183	Digital radio aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	Only models with 2-doors
*2	Only models with satellite radio
*3	see applicable current flow diagram for telephone systems
*4	Only models with navigation system
*5	Only models with auxiliary heating
*6	Only models with mobile telephone/telephone
*7	Only models with TV tuner
*8	Only models with digital radio

MMI with radio and Bang & Olufsen sound system

From August 2011

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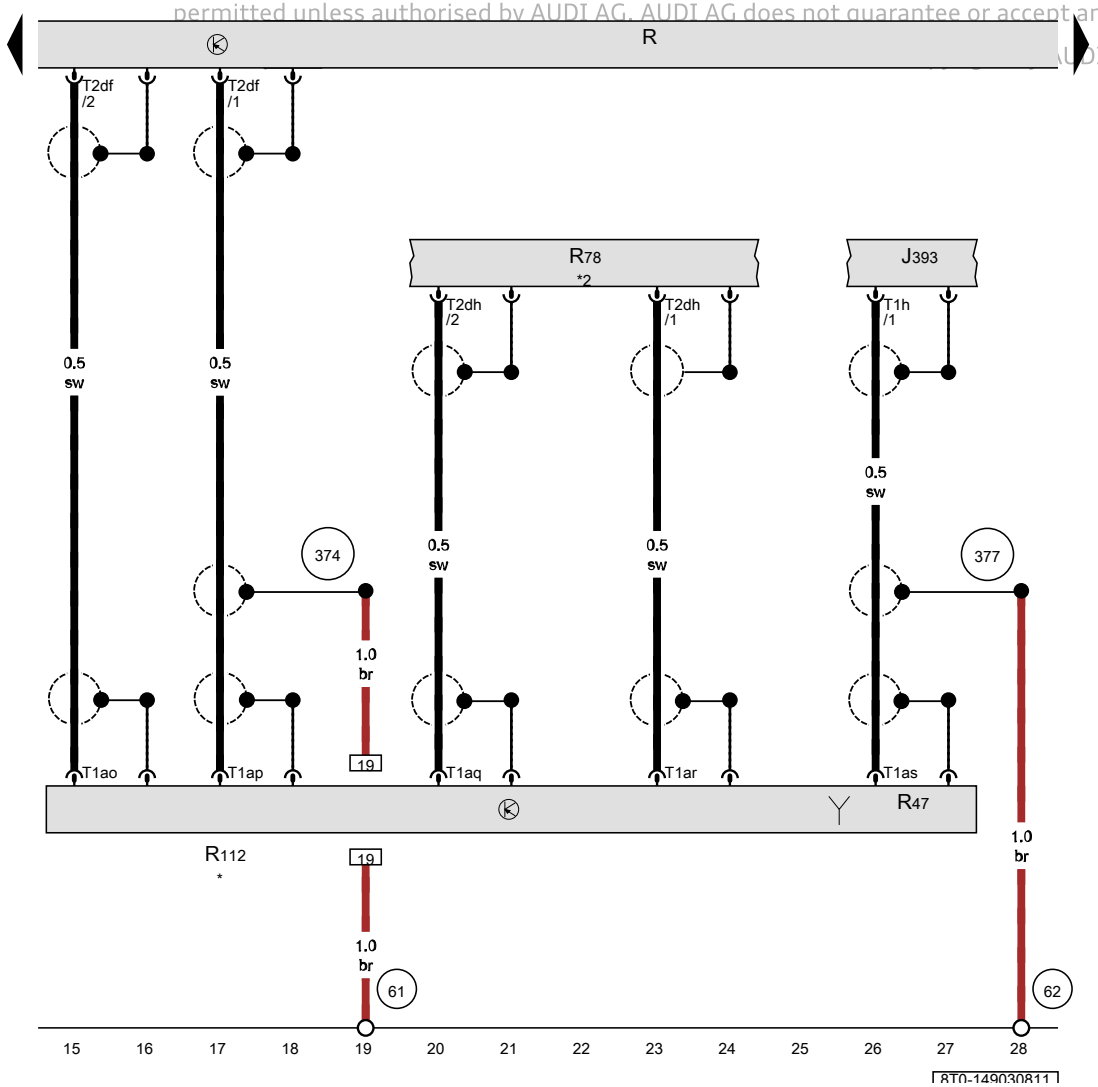
Radio

R	Radio
SF5	Fuse 5 in fuse holder F
ST5	Fuse carrier 5
T2dg	2-pin connector
T10ag	10-pin connector
50	Earth point, on left in luggage compartment
373	Earth connection 8, in main wiring harness
B281	Positive connection 5 (15a) 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 ring circuit break diagnostic

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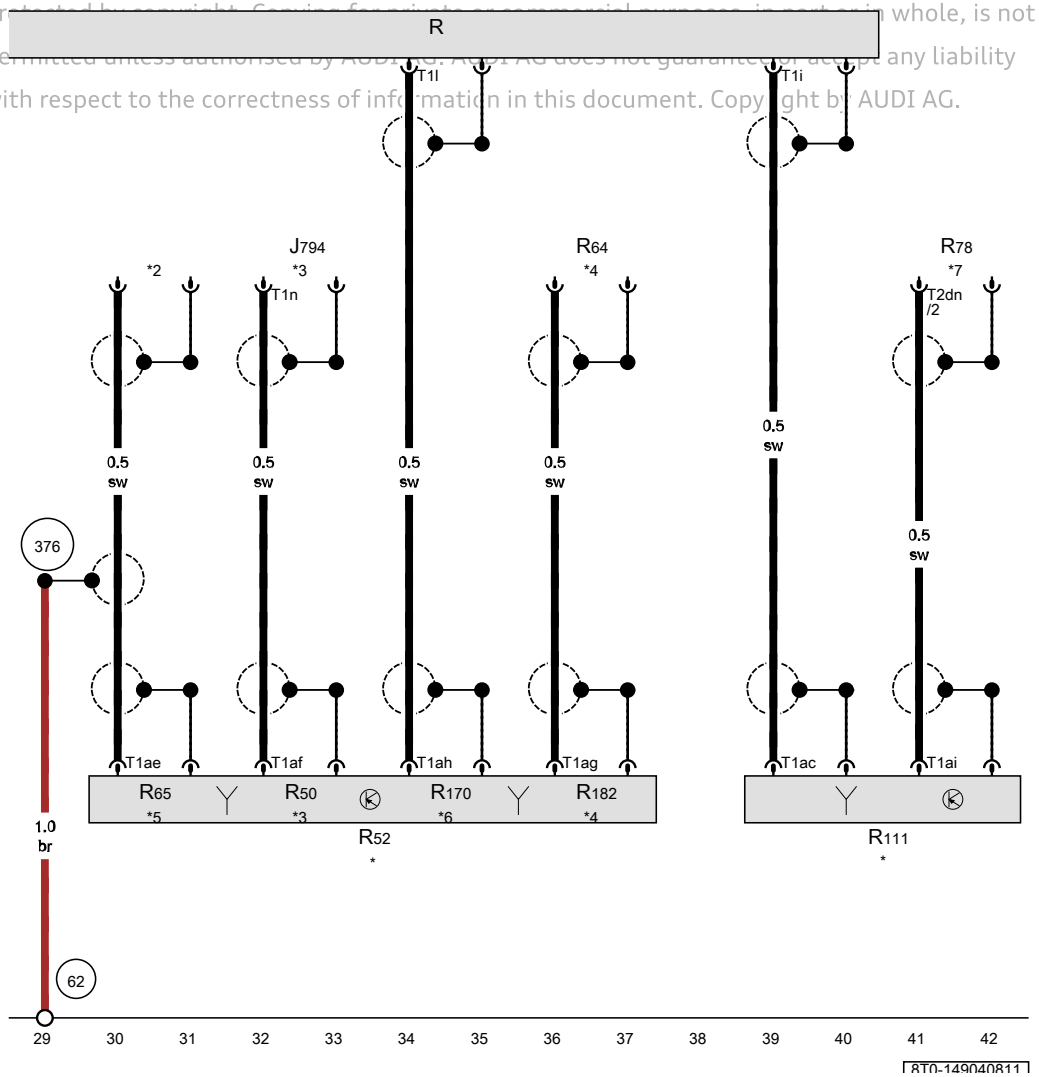


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bl = blue
gr = grey
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rs = pink

Convenience system central control unit, Radio, Central locking and anti-theft alarm system aerial, TV tuner, Aerial amplifier 3

J393	Convenience system central control unit
R	Radio
R47	Central locking and anti-theft alarm system aerial
R78	TV tuner
R112	Aerial amplifier 3
T1ao	Single connector
T1ap	Single connector
T1aq	Single connector
T1ar	Single connector
T1as	Single connector
T1h	Single connector
T2df	2-pin connector
T2dh	2-pin connector
61	Earth point, left C-pillar
62	Earth point, right C-pillar
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
*	According to equipment
*2	Only models with TV tuner

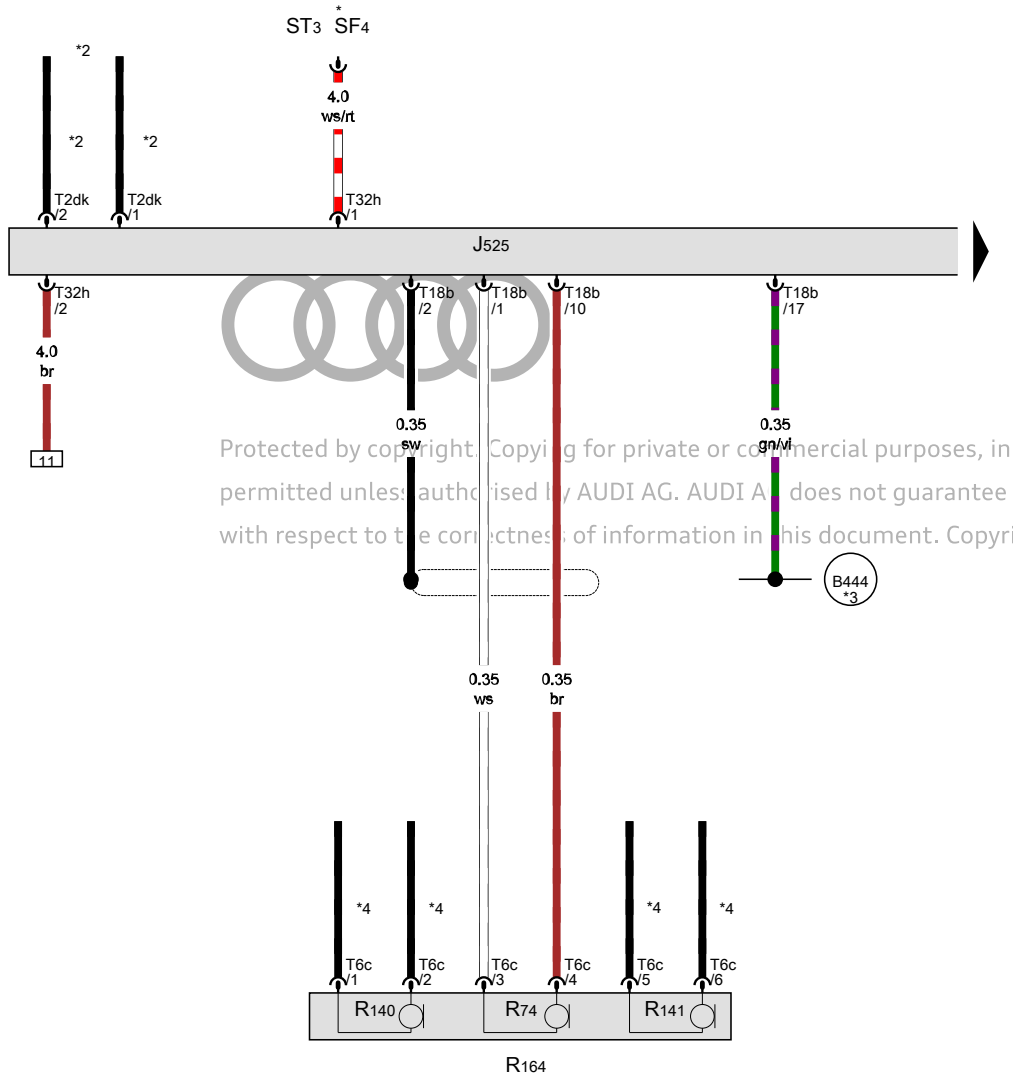
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Control unit 1 for information electronics, Radio, GPS aerial, Radio, telephone and navigation system aerial, Remote control receiver for auxiliary heater, Telephone aerial, TV tuner, Aerial amplifier 2, Satellite aerial, Auxiliary heater aerial

J794	Control unit 1 for information electronics
R	Radio
R50	GPS aerial
R52	Radio, telephone and navigation system aerial
R64	Remote control receiver for auxiliary heater
R65	Telephone aerial
R78	TV tuner
R111	Aerial amplifier 2
R170	Satellite aerial
R182	Auxiliary heater aerial
T1ac	Single connector
T1ae	Single connector
T1af	Single connector
T1ag	Single connector
T1ah	Single connector
T1ai	Single connector
T1i	Single connector
T1l	Single connector
T1n	Single connector
T2dn	2-pin connector
62	Earth point, right C-pillar
376	Earth connection 11, in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for telephone systems
*3	Optional equipment
*4	Only models with auxiliary heating
*5	Only models with mobile telephone/telephone
*6	Only models with satellite radio
*7	Only models with TV tuner



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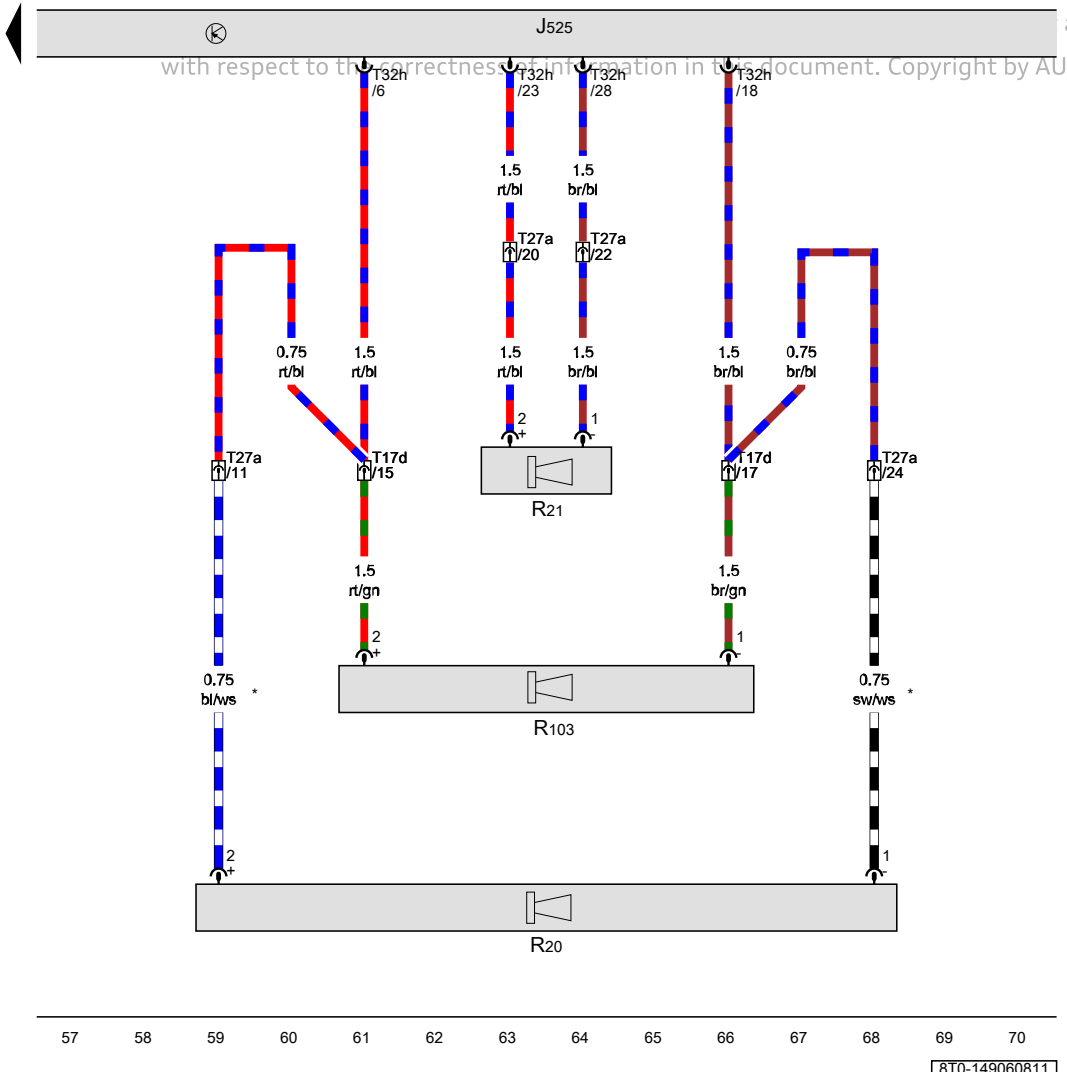
8T0-1490508.11

Digital sound package control unit, Internal microphone, Front left microphone, Front right microphone, Microphone unit in front roof module

J525	Digital sound package control unit
R74	Internal microphone
R140	Front left microphone
R141	Front right microphone
R164	Microphone unit in front roof module
ST3	Fuse carrier 3
SF4	Fuse 4 in fuse holder F
T2dk	2-pin connector
T6c	6-pin connector
T18b	18-pin connector
T32h	32-pin connector
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
*4	see applicable current flow diagram for telephone systems

ws	=	white
sw	=	black
ro	=	red
br	=	brown
gn	=	green
bl	=	blue
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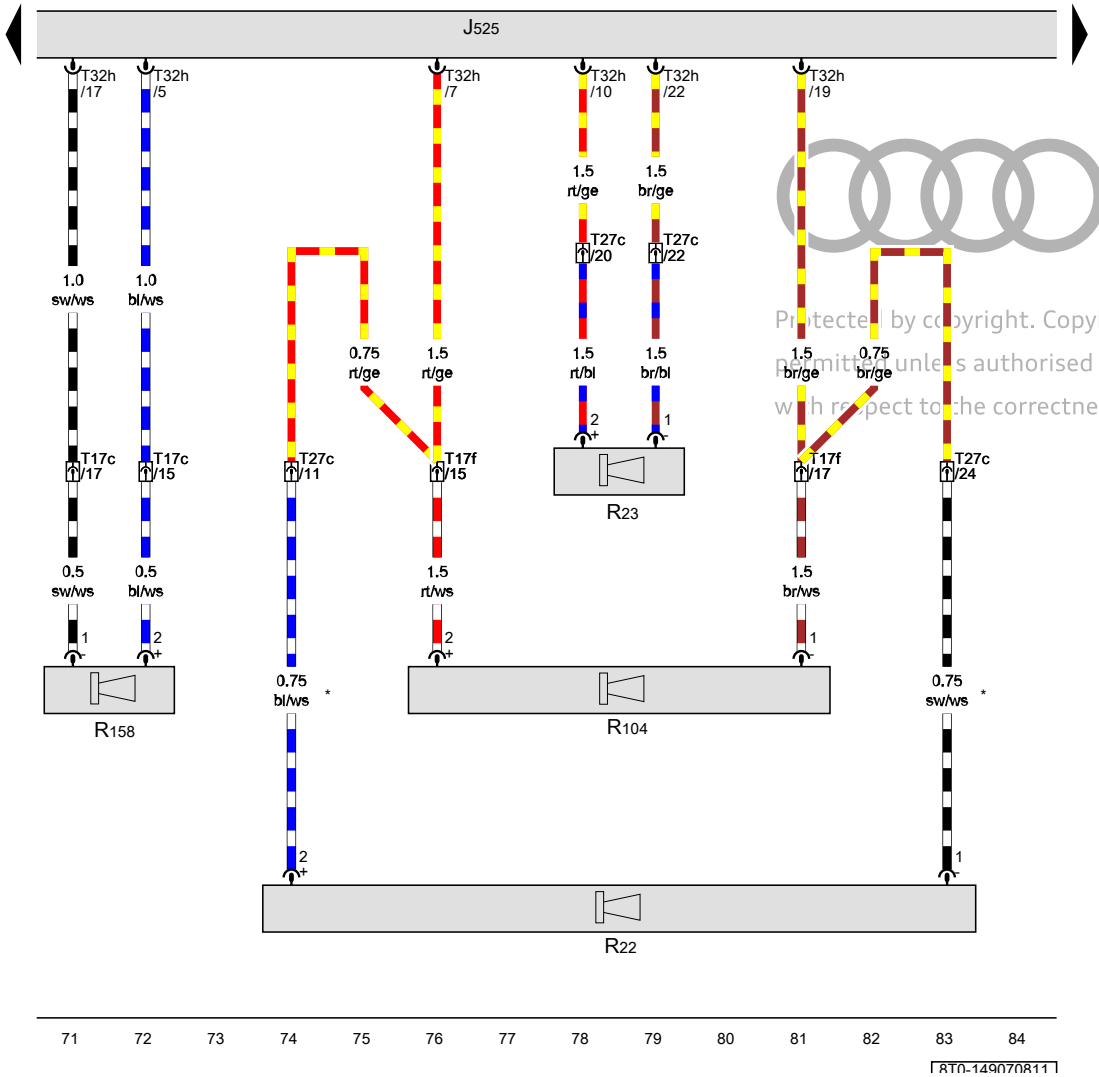
Digital sound package control unit, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
T17d	17-pin connector, brown
T27a	27-pin connector, black
T32h	32-pin connector
*	Cross section depends on equipment

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

Digital sound package control unit, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker, Centre mid-range and treble loudspeaker

J525	Digital sound package control unit
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
R158	Centre mid-range and treble loudspeaker
T17c	17-pin connector, black
T17f	17-pin connector, brown
T27c	27-pin connector, black
T32h	32-pin connector
*	Cross section depends on equipment

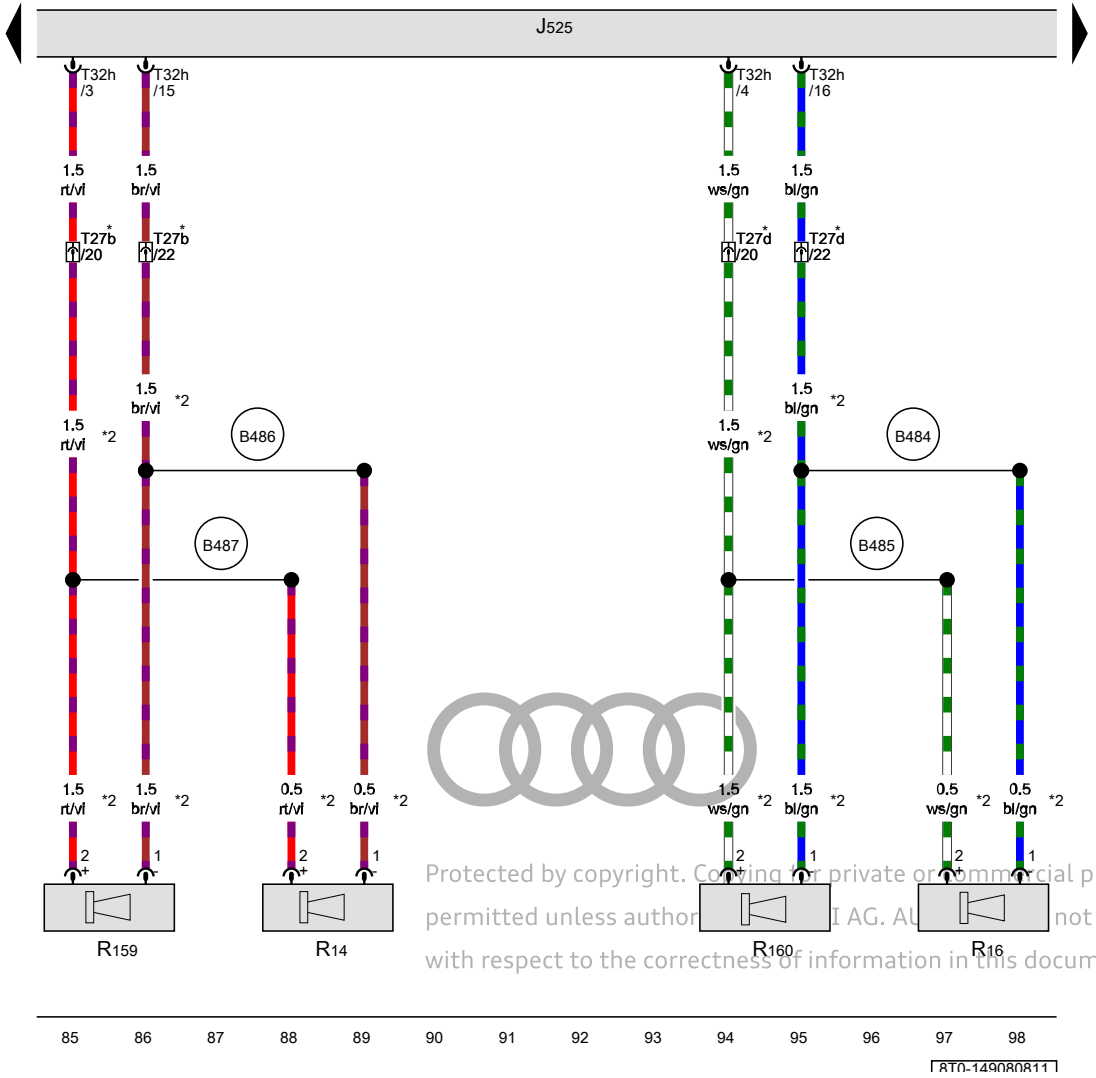


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or	=	orange
rs	=	pink

Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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
T27b	27-pin connector, black
T27d	27-pin connector, black
T32h	32-pin connector
B484	Connection 20, in main wiring harness
B485	Connection 21, in main wiring harness
B486	Connection 22, in main wiring harness
B487	Connection 23, in main wiring harness
*	Only models with 5-doors
*2	Wiring colour depends on equipment

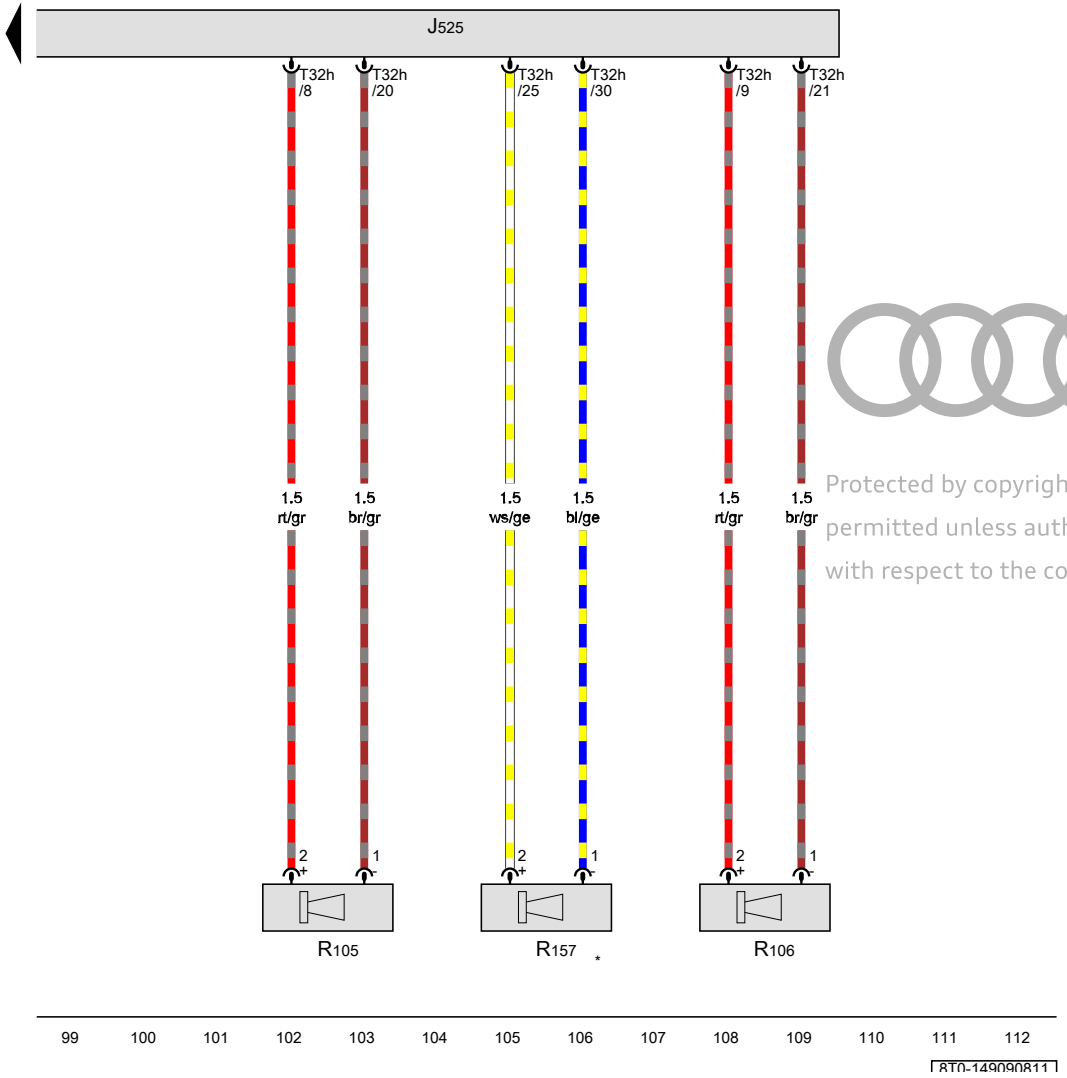


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Digital sound package control unit, Rear left mid-range loudspeaker, Rear right mid-range loudspeaker, Subwoofer in rear shelf

J525	Digital sound package control unit
R105	Rear left mid-range loudspeaker
R106	Rear right mid-range loudspeaker
R157	Subwoofer in rear shelf, in spare wheel well
T32h	32-pin connector
*	According to equipment



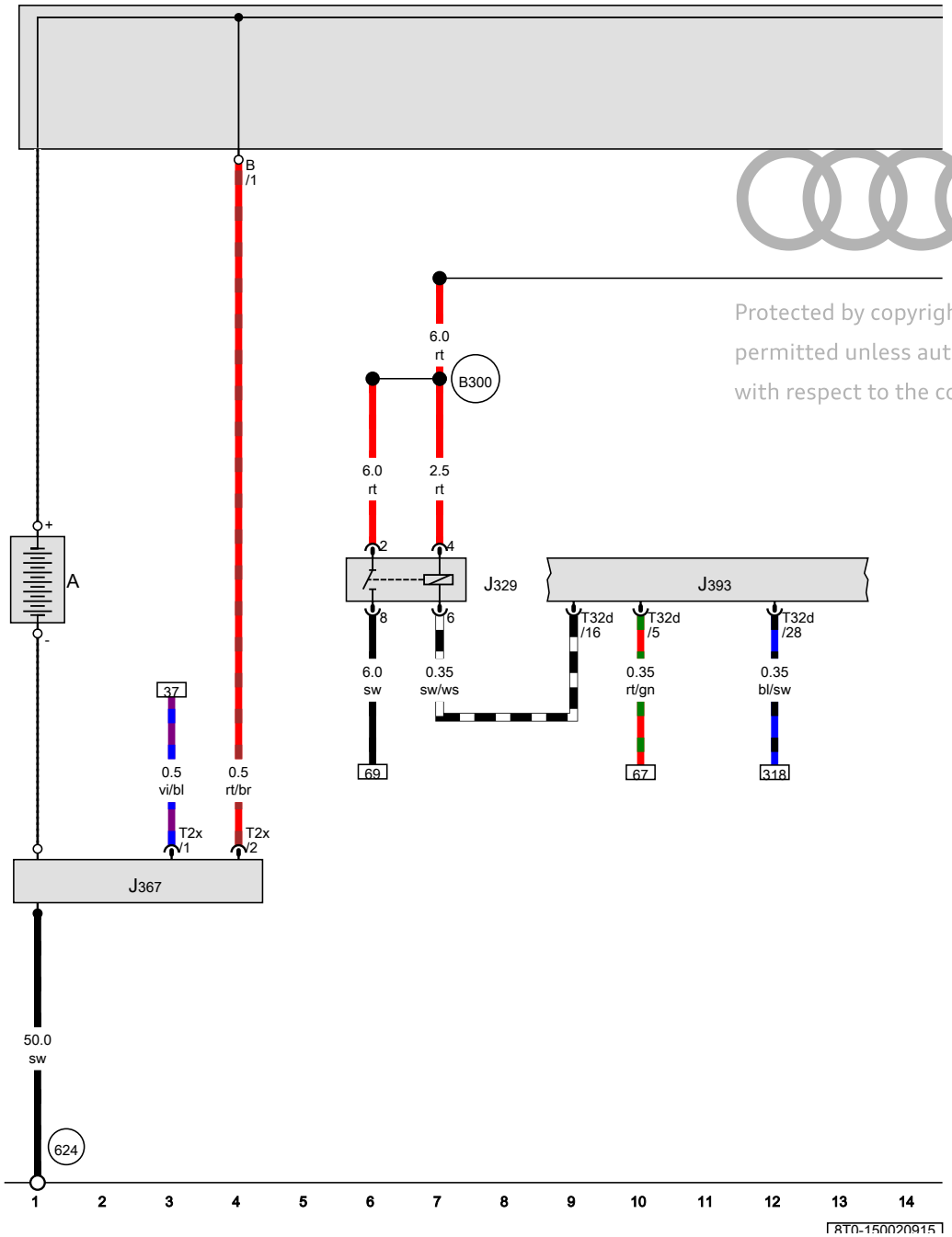
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4.2l petrol engine , CFSA

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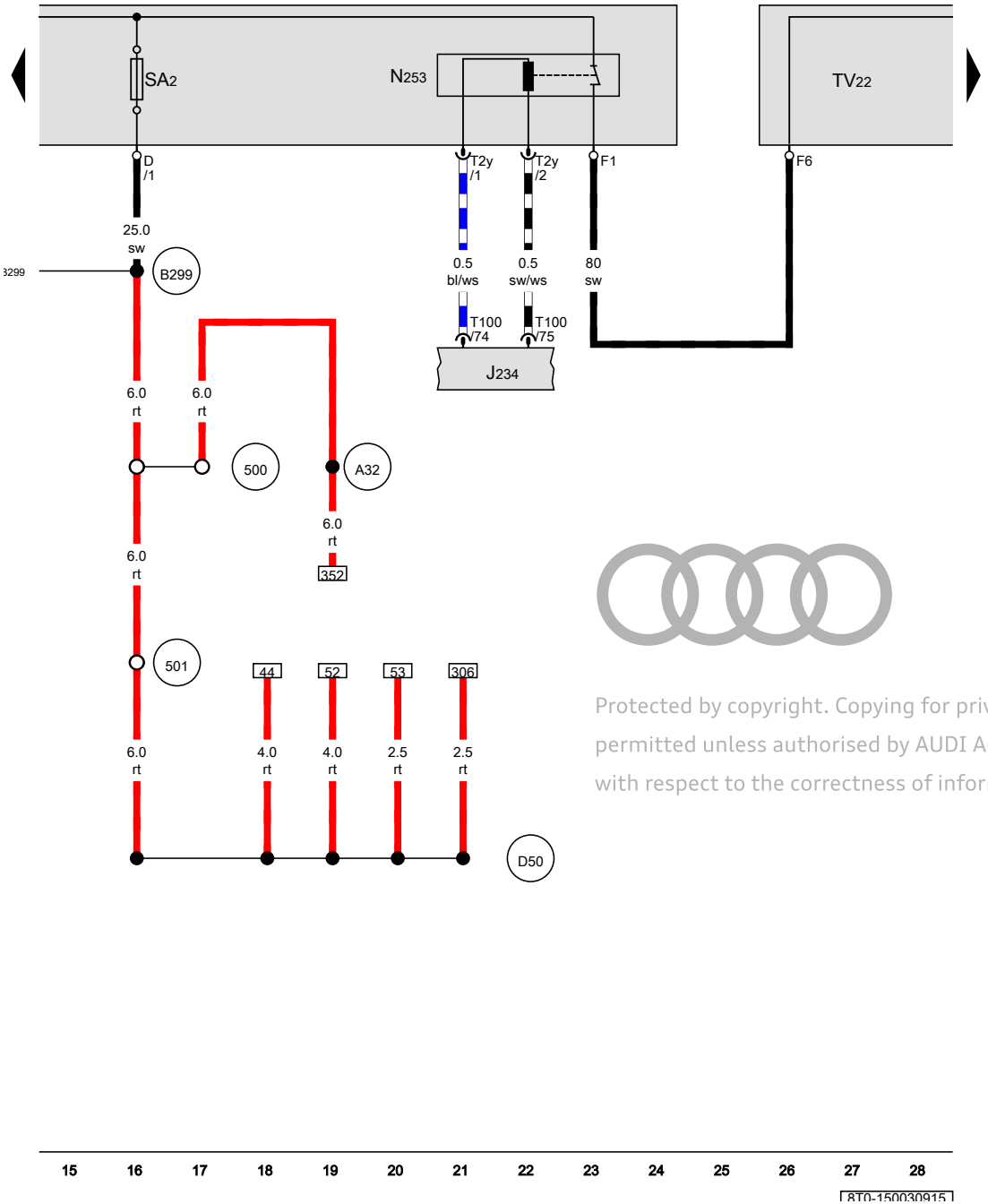


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness

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gn	=	green
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rs	=	pink

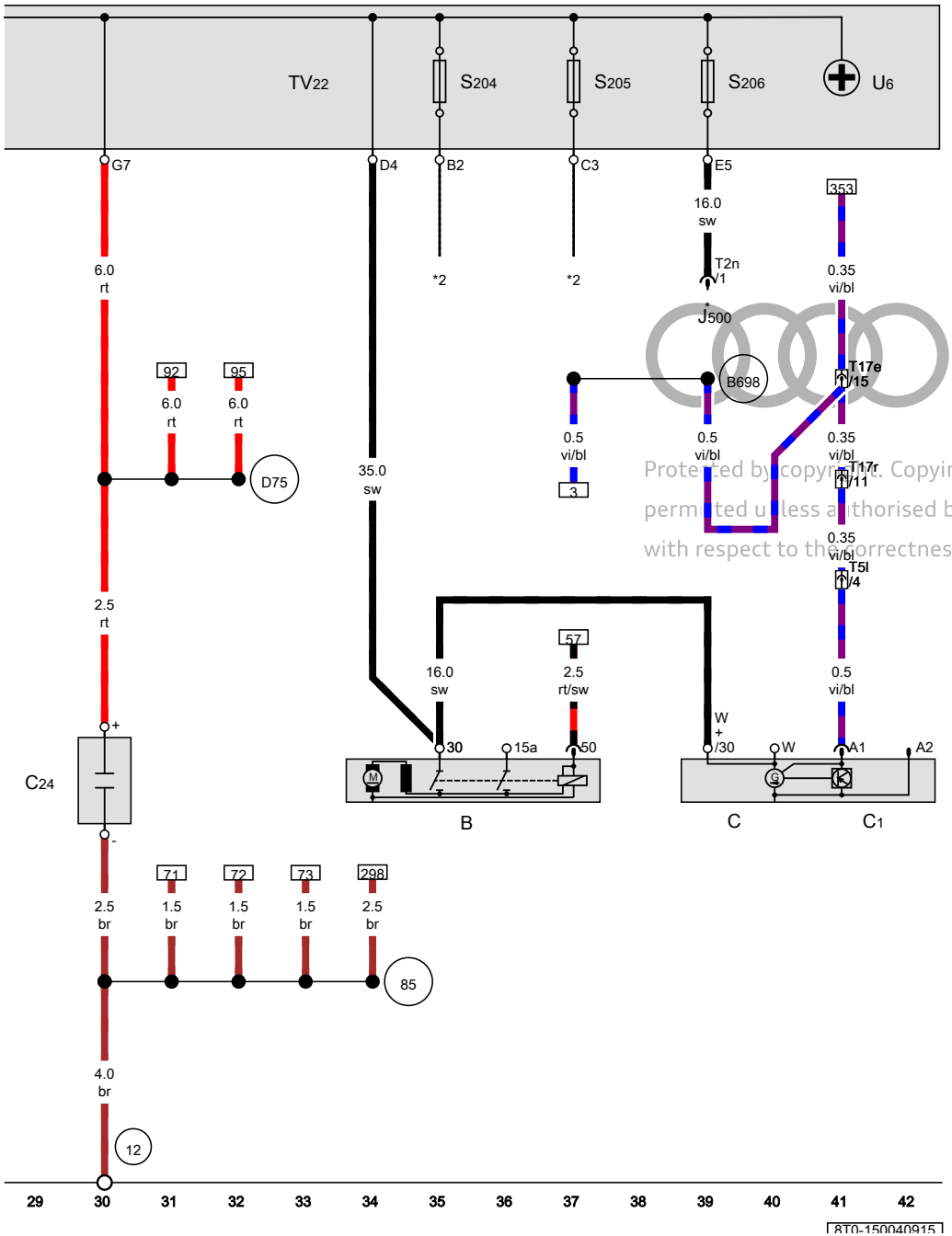


Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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or	=	orange
rs	=	pink

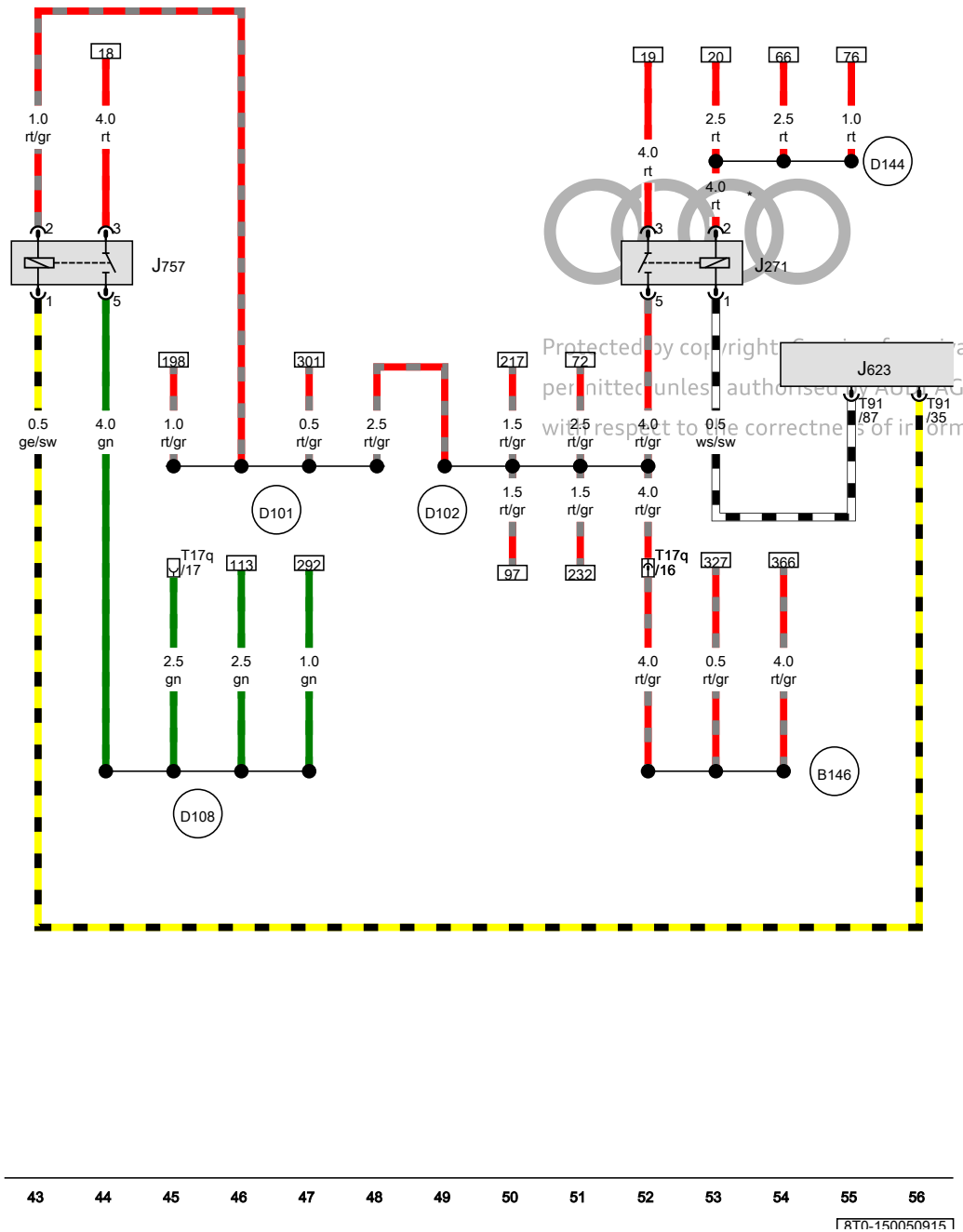


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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for radiator fan

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 control unit, Engine component current supply relay

J271 Main relay
J623 Engine control unit
J757 Engine component current supply relay
T17q 17-pin connector, red
T91 91-pin connector

B146 Positive connection 1 (87), in interior wiring harness

D101 Connection 1 in engine compartment wiring harness

D102 Connection 2 in engine compartment wiring harness

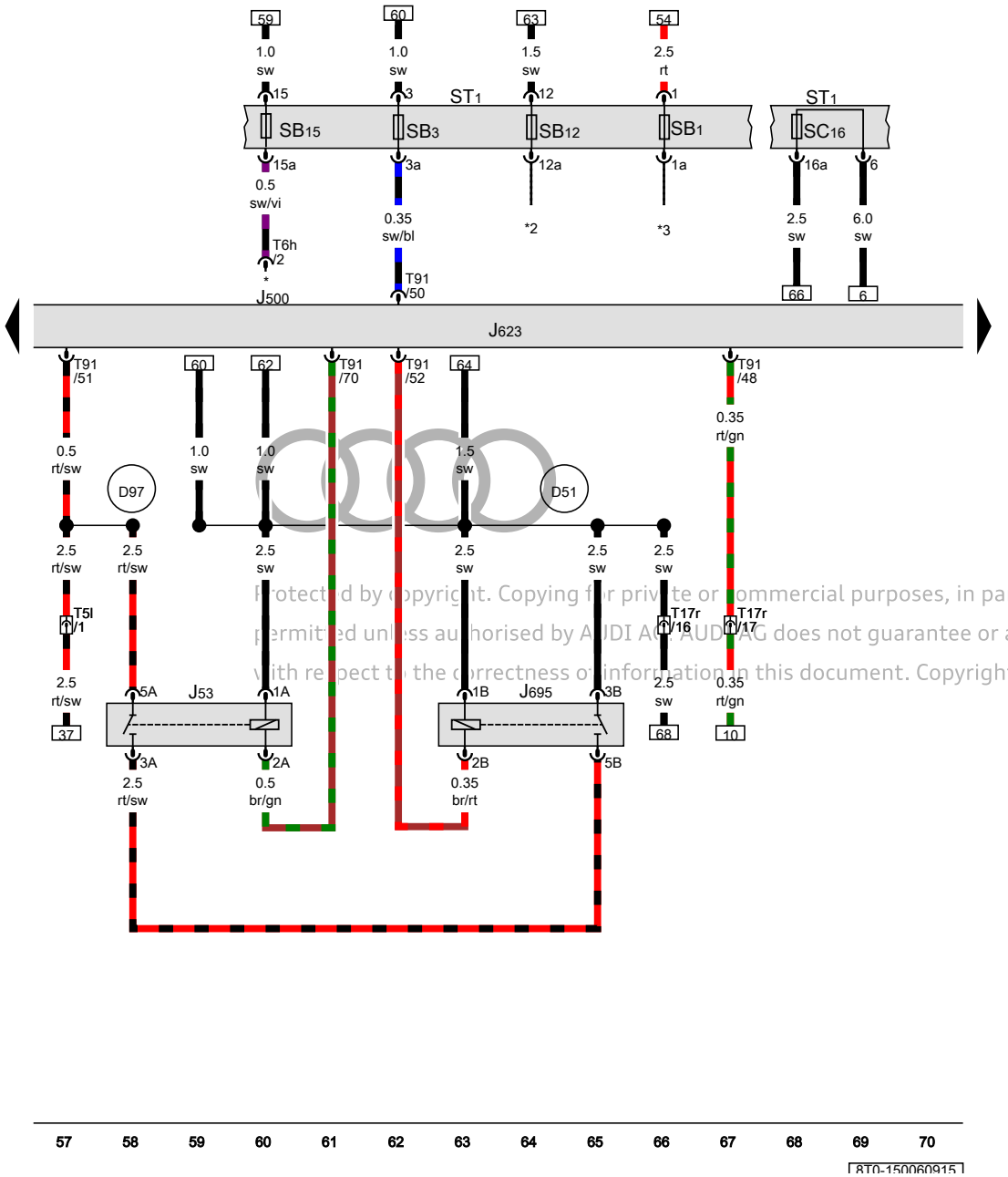
D108 Connection 6 in engine compartment wiring harness

D144 Positive connection 5 (30), in engine compartment wiring harness

* Cross section depends on equipment

ws = white
sw = black
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gn = green
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rs = pink

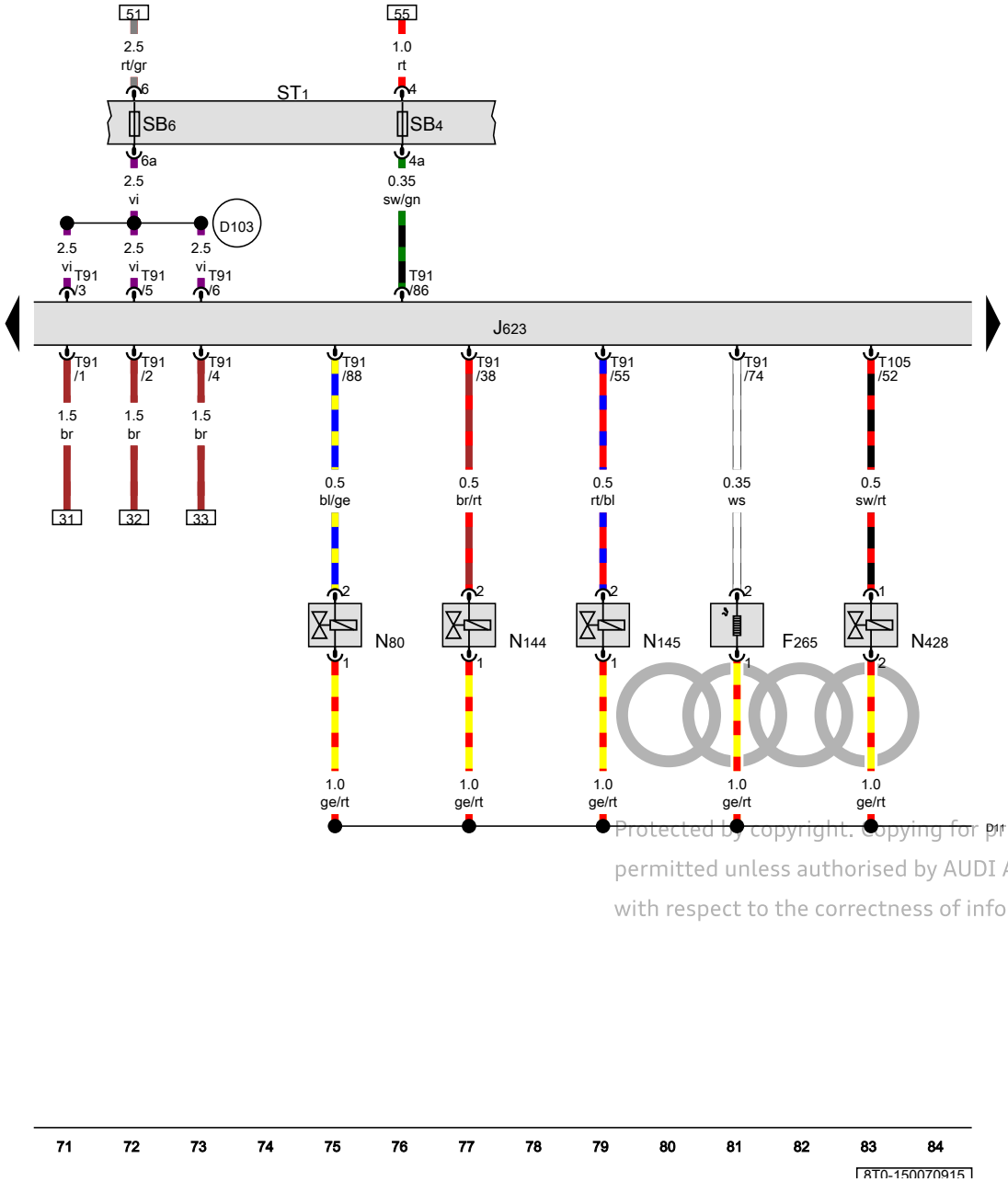
Starter motor relay, Engine control unit, Starter motor relay 2



J53	Starter motor relay
J500	Power steering control unit
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
SC16	Fuse 16 on fuse holder C
T1	Single connector
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for automatic gearbox
*3	see applicable current flow diagram for gearbox

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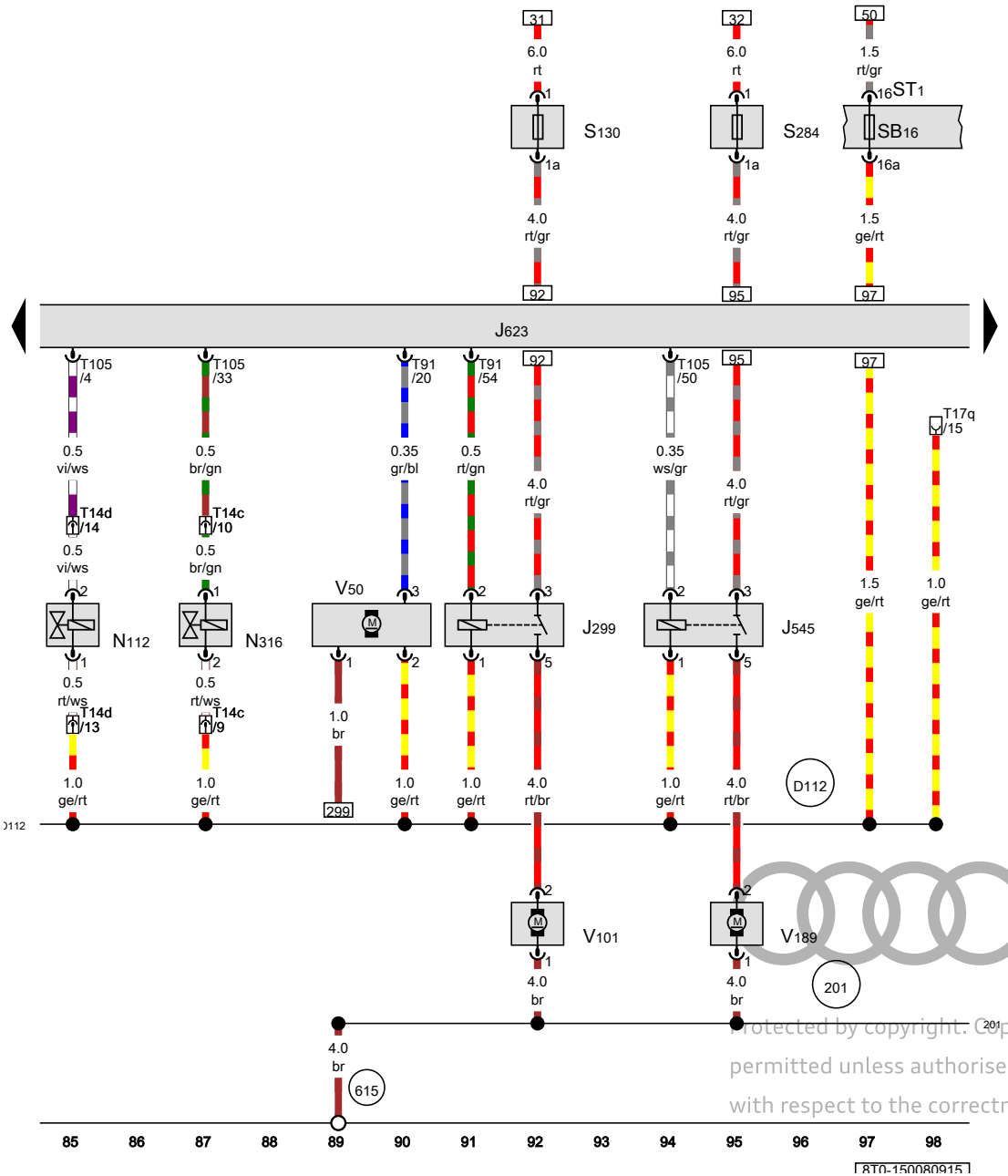


Map-controlled engine cooling system thermostat, Engine control unit, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Valve for oil pressure control

F265	Map-controlled engine cooling system thermostat
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
N428	Valve for oil pressure control
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
T91	91-pin connector
T105	105-pin connector
D103	Connection 3 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness

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Secondary air pump relay, Secondary air pump 2 relay, Engine control unit, Secondary air inlet valve, Intake manifold flap valve, Coolant circulation pump, Secondary air pump motor, Secondary air pump motor 2

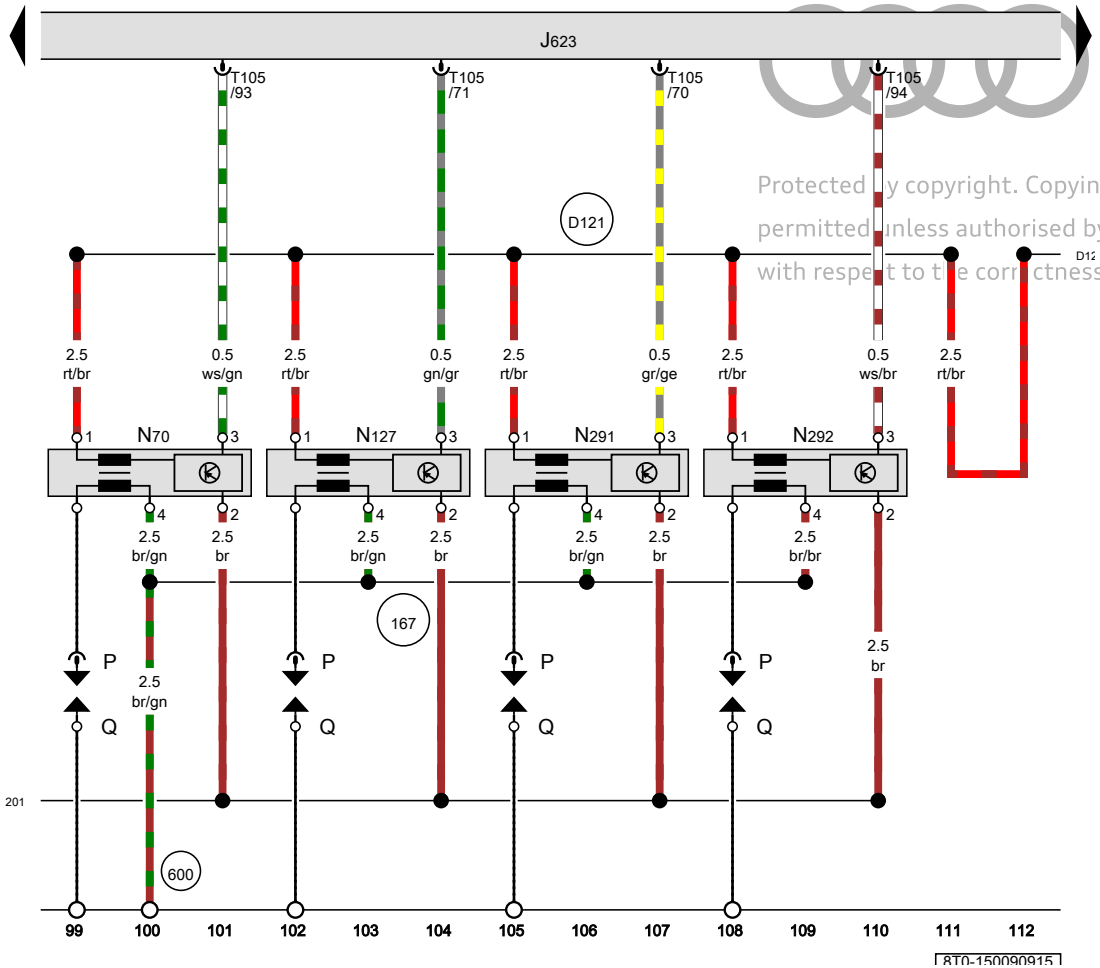
J299	Secondary air pump relay
J545	Secondary air pump 2 relay
J623	Engine control unit
N112	Secondary air inlet valve
N316	Intake manifold flap valve
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
S130	Secondary air pump fuse
S284	Secondary air pump fuse 2
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
V50	Coolant circulation pump
V101	Secondary air pump motor
V189	Secondary air pump motor 2
201	Earth connection 5, in engine compartment wiring harness
615	Earth point, on left suspension strut
D112	Connection 10 in engine compartment wiring harness

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rt	=	red
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Engine 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

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
T105	105-pin connector
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness

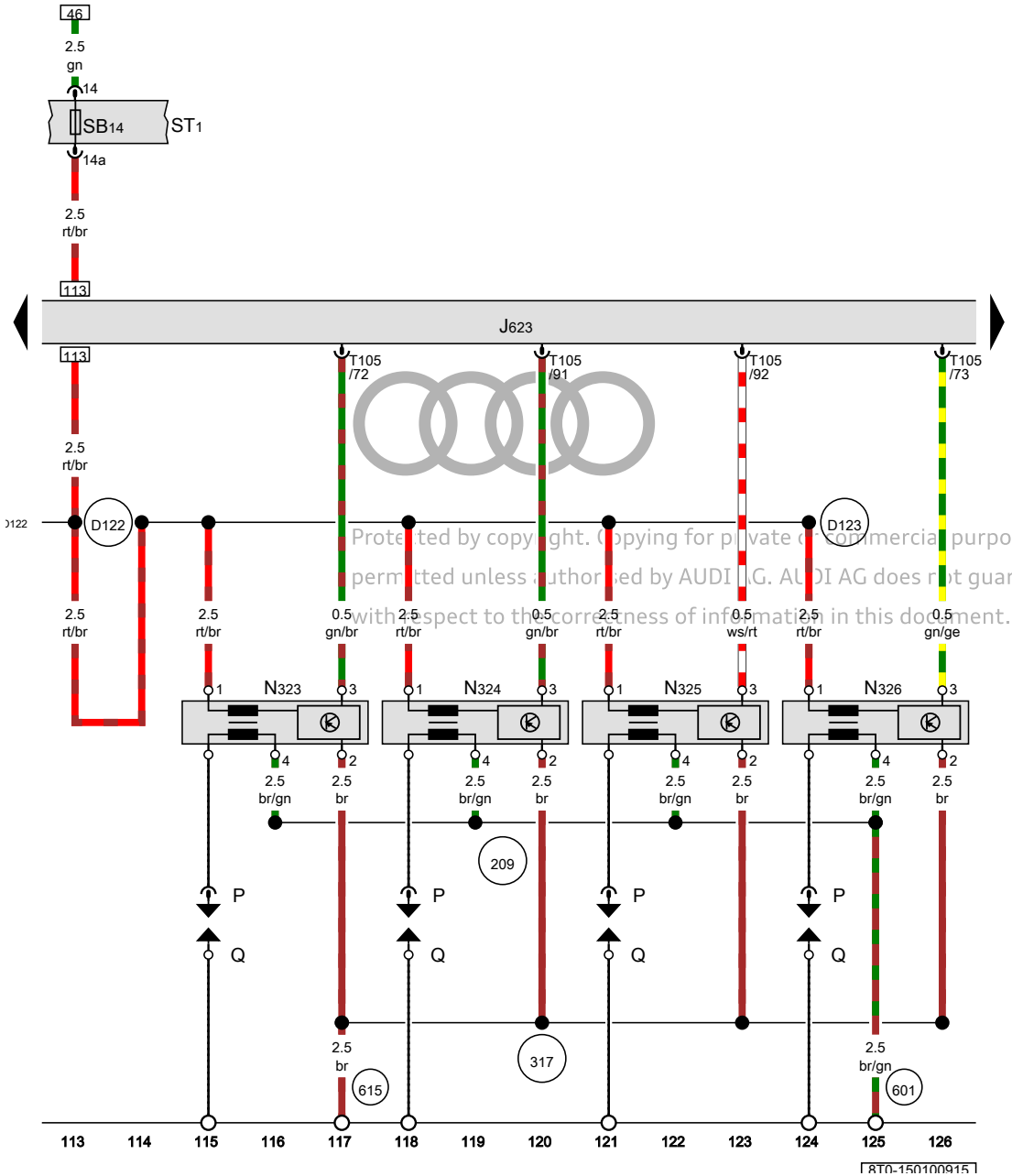


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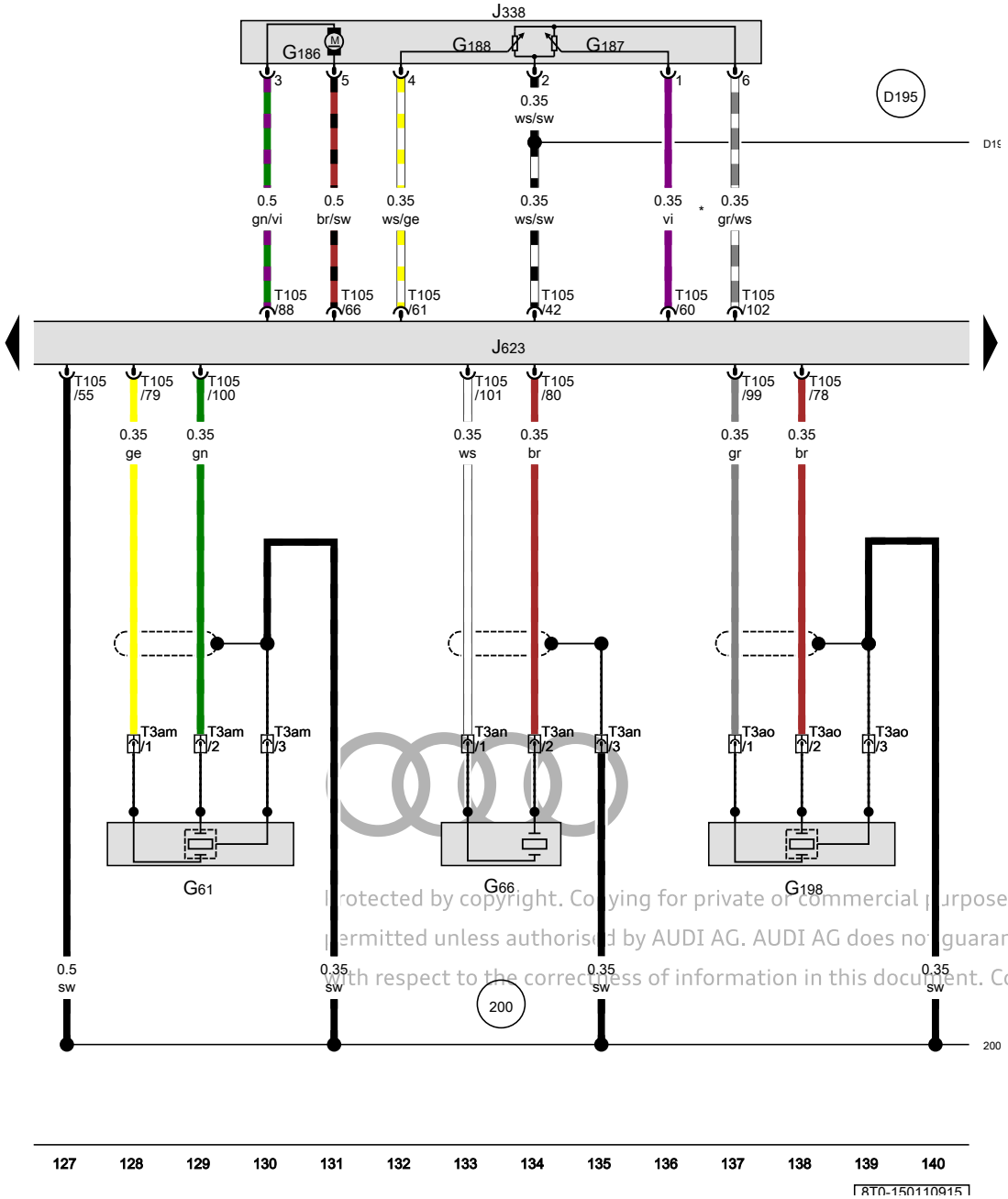
Engine control unit, Ignition coil 5 with output stage, Ignition coil 6 with output stage, Ignition coil 7 with output stage, Ignition coil 8 with output stage

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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T105	105-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
615	Earth point, on left suspension strut
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness



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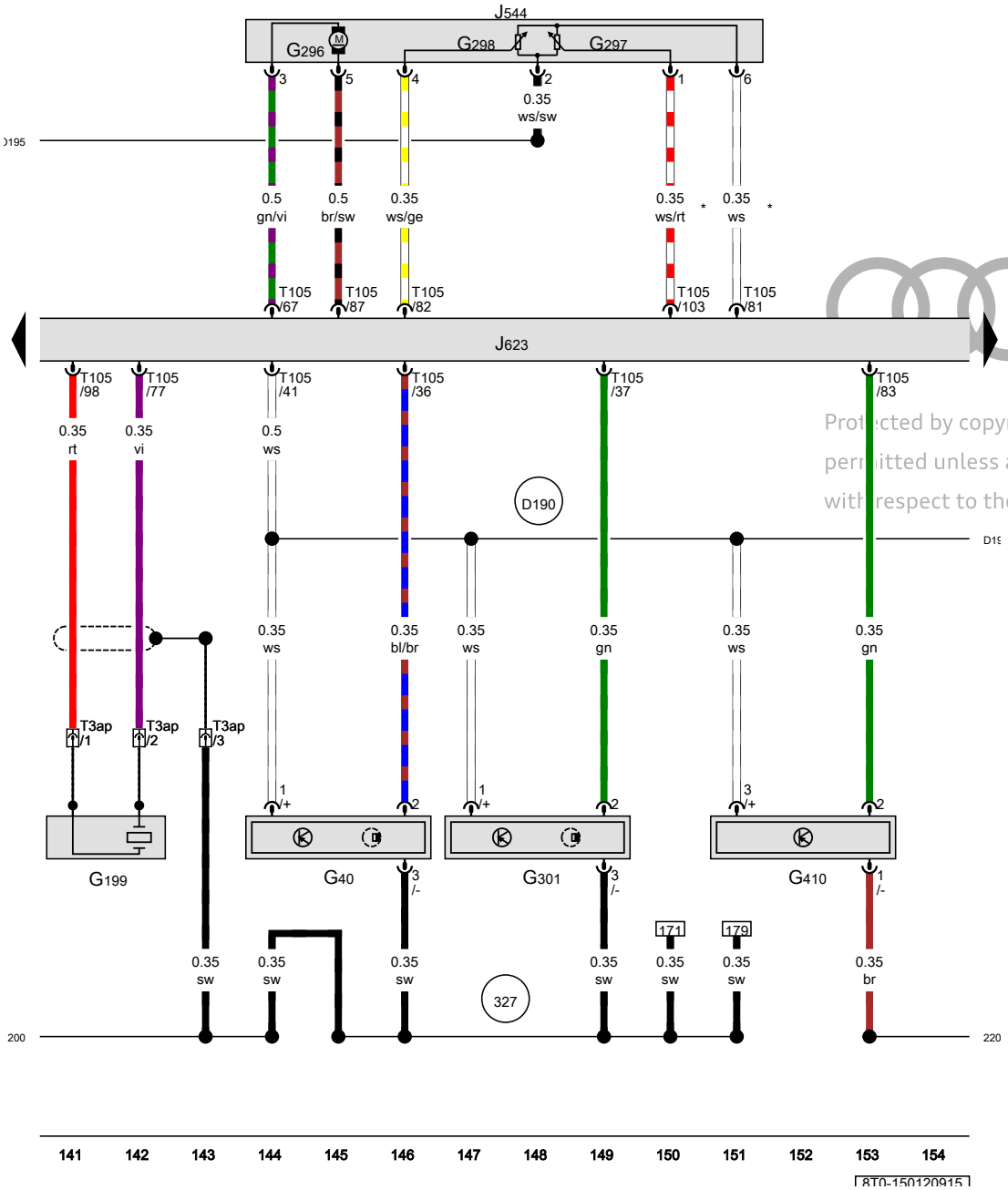


Knock sensor 1, Knock sensor 2, Knock sensor 3, Throttle valve module, Engine control unit

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
G198	Knock sensor 3
J338	Throttle valve module
J623	Engine control unit
T3am	3-pin connector, black
T3an	3-pin connector, brown
T3ao	3-pin connector, black
T105	105-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	Wiring colour depends on equipment

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ro	=	red
rt	=	red
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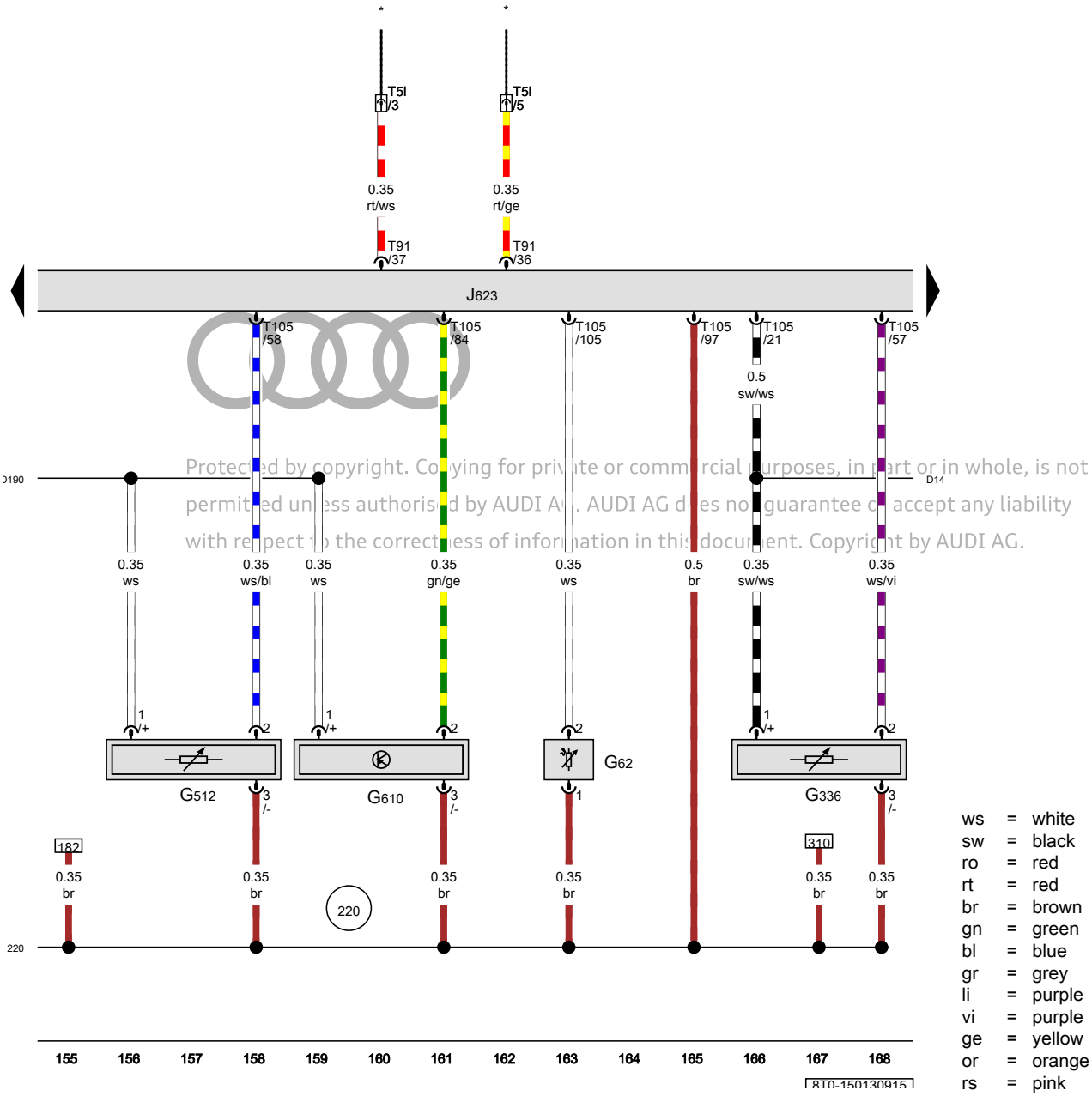


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Hall sender, Knock sensor 4, Throttle valve module 2, Engine control unit

G40	Hall sender
G199	Knock sensor 4
G296	Throttle valve drive 2
G297	Angle sender 1 for throttle valve drive 2
G298	Angle sender 2 for throttle valve drive 2
G301	Hall sender 4
G410	Fuel pressure sender for low-pressure
J544	Throttle valve module 2
J623	Engine control unit
T3ap	3-pin connector, brown
T105	105-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
D190	Connection 3 (5V) in engine prewiring harness
D195	Connection 1 (5V) in engine compartment wiring harness
*	Wiring colour depends on equipment



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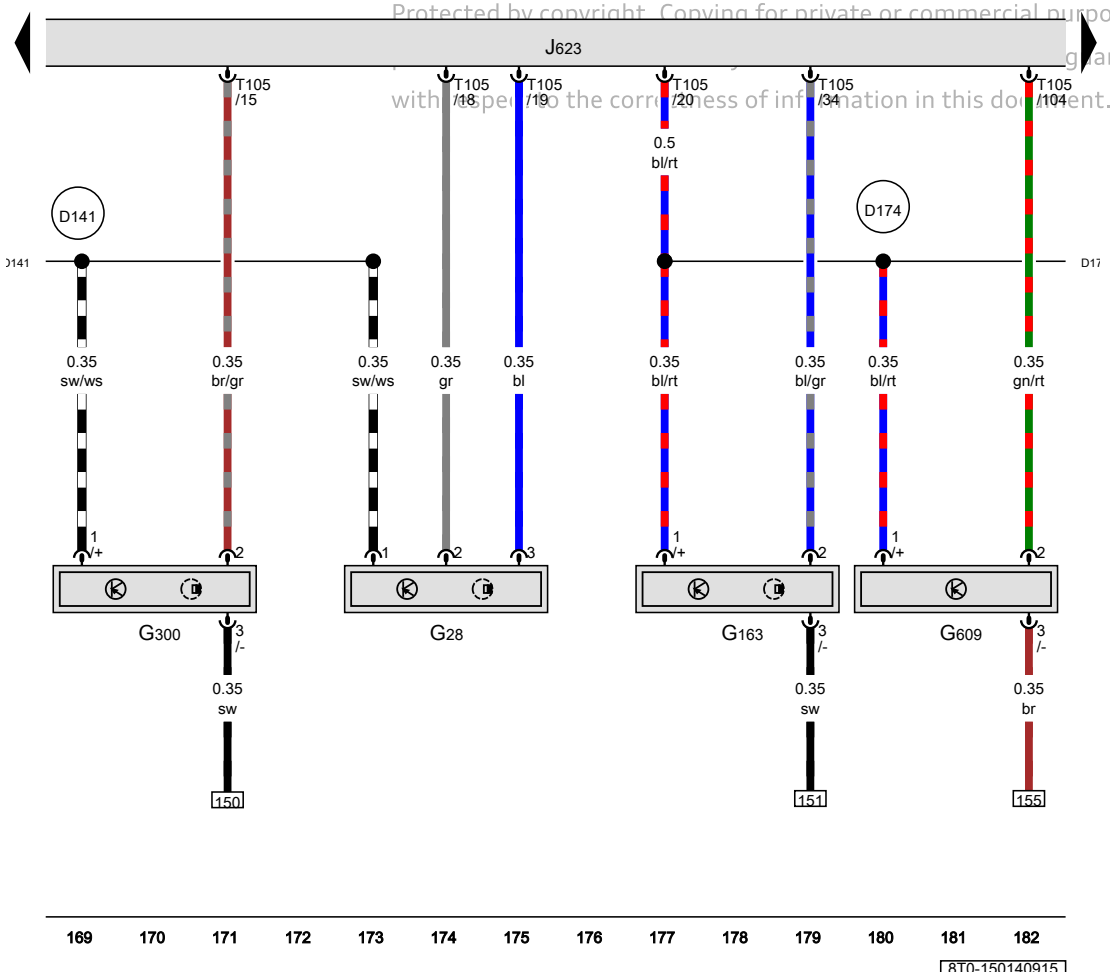
Intake manifold flap potentiometer, Intake manifold flap potentiometer 2, Engine control unit

G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
G610	Sender 2 for secondary air pressure
J623	Engine control unit
T5l	5-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	see applicable current flow diagram for radiator fan

Engine speed sender, Hall sender 3, Engine control unit

G28	Engine speed sender
G163	Hall sender 2
G300	Hall sender 3
G609	Sender 1 for secondary air pressure
J623	Engine control unit
T105	105-pin connector
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

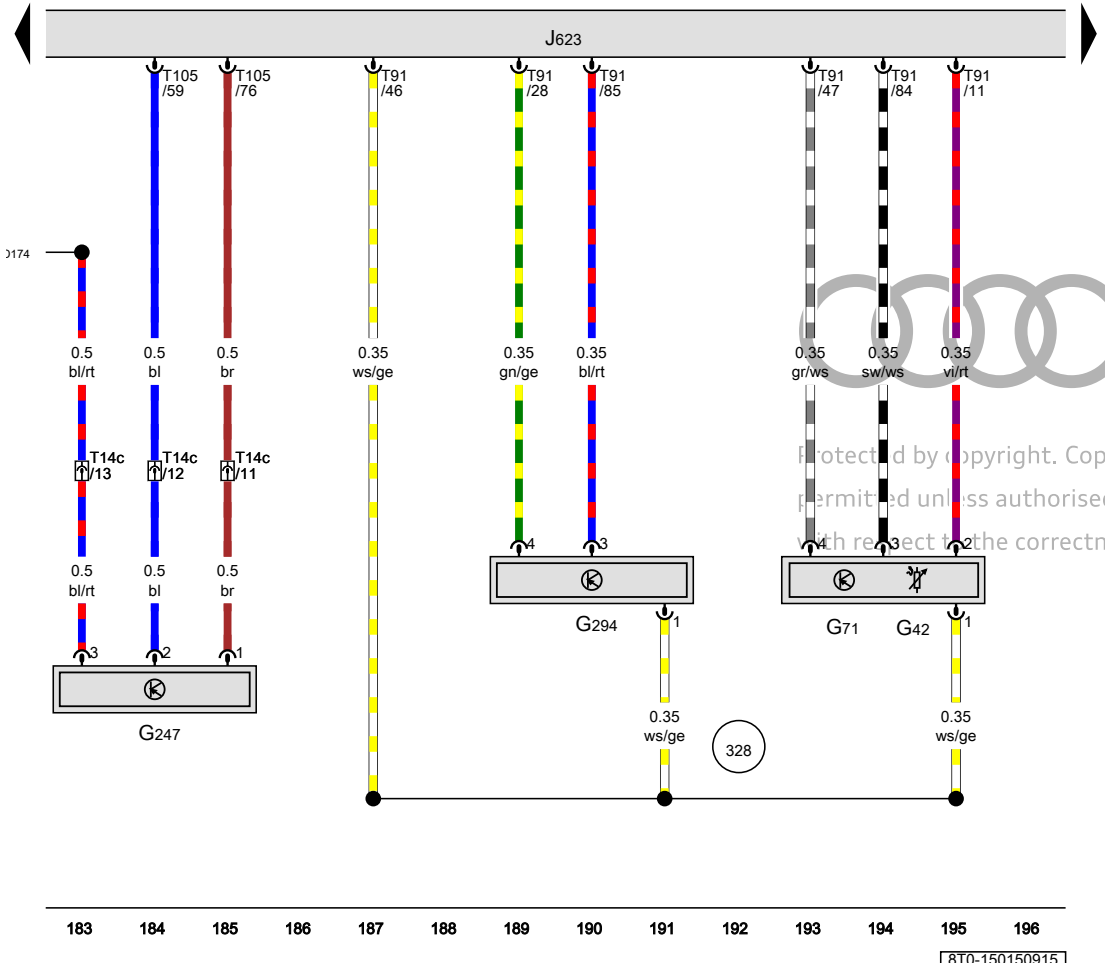
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rs	=	pink

Intake air temperature sender, Fuel pressure sender, Engine control unit

G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G294	Brake servo pressure sensor
J623	Engine control unit
T14c	14-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness

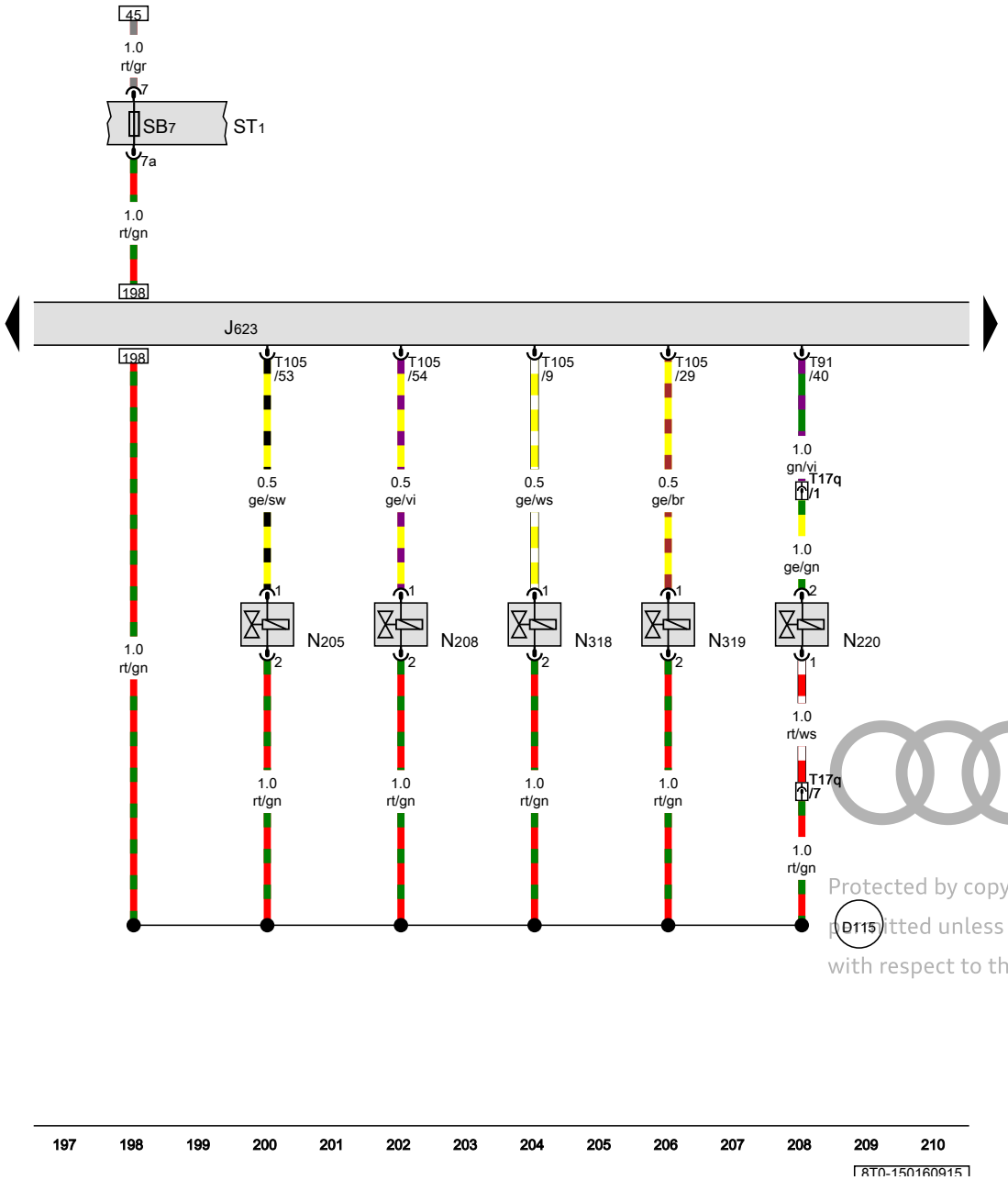


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rs	=	pink

Engine control unit, Camshaft control valve 1, Exhaust flap valve, Exhaust camshaft control valve 1

J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N220	Exhaust flap valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
D115	Connection 13 in engine compartment wiring harness

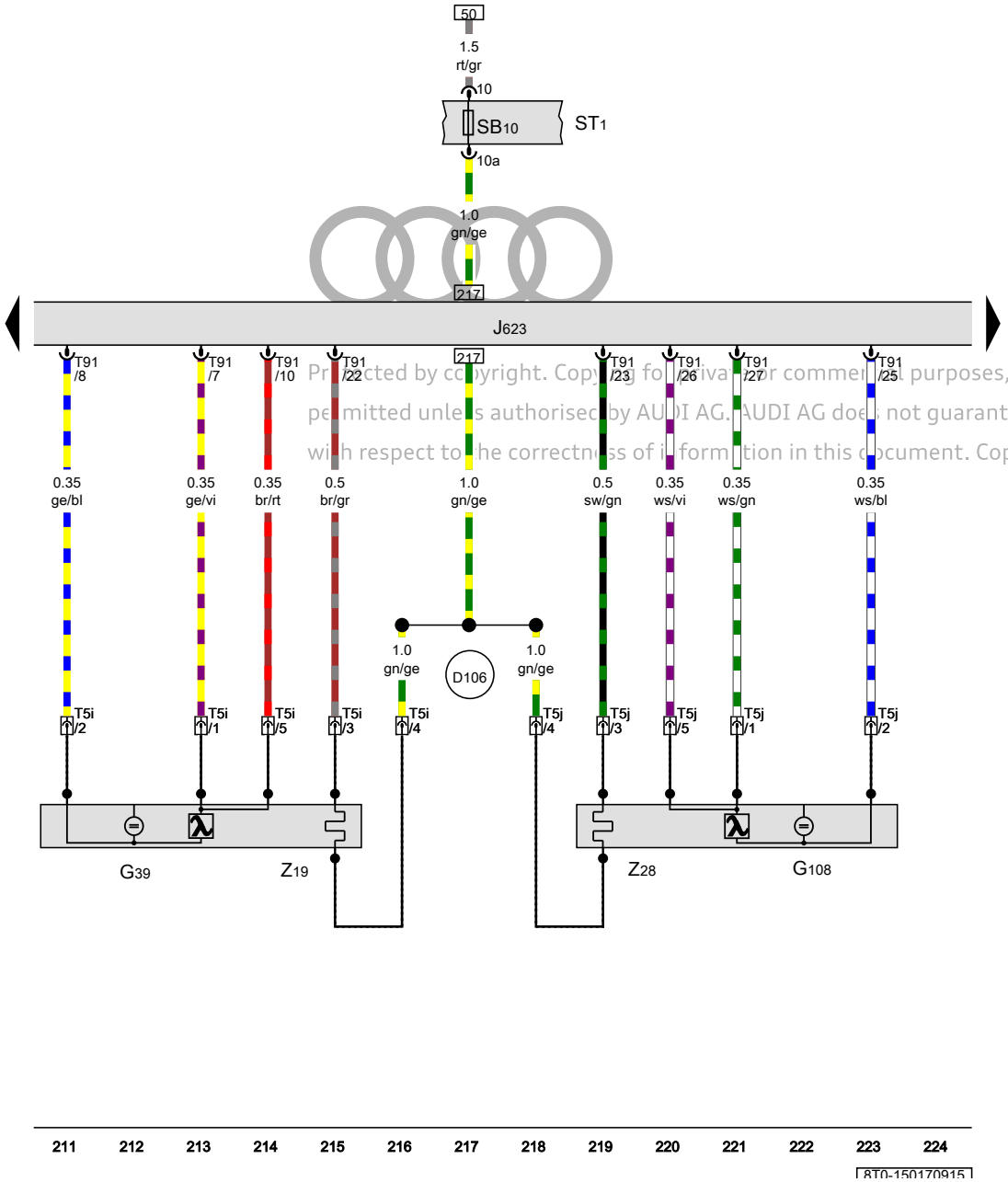


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Lambda probe, Lambda probe 2, Engine control unit

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T5i	5-pin connector, black
T5j	5-pin connector, black
T91	91-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

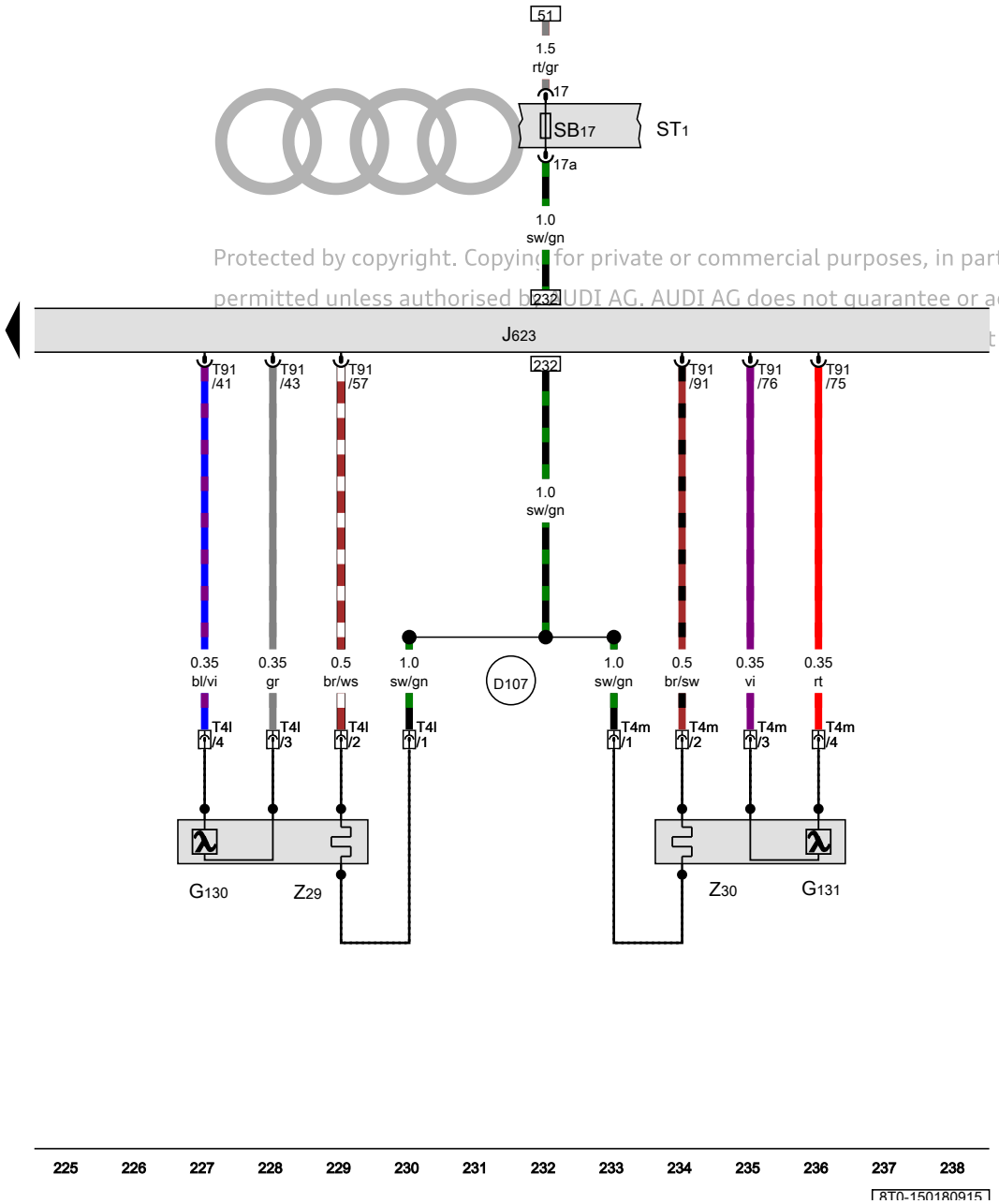


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Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter, Engine control unit

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB17	Fuse 17 on fuse holder B
T4l	4-pin connector, brown
T4m	4-pin connector, brown
T91	91-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness

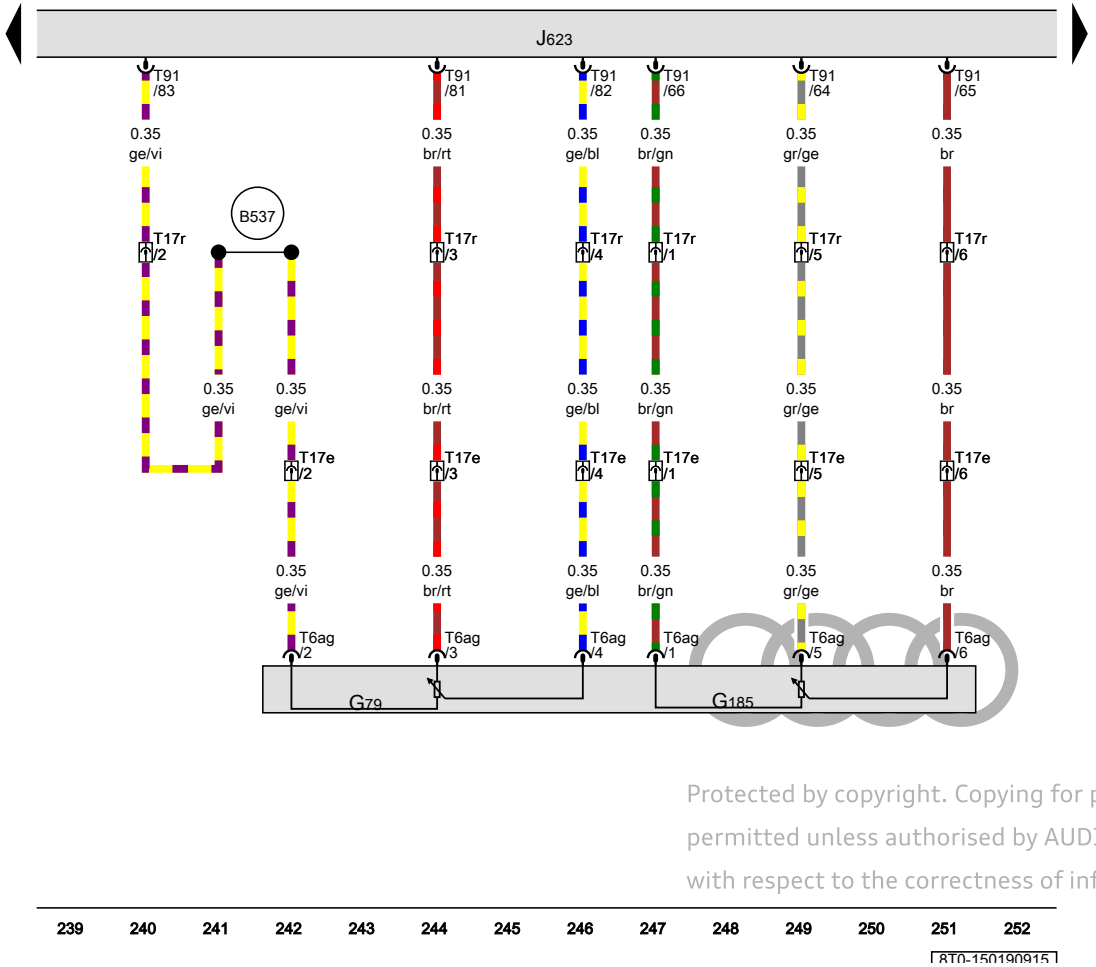


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Accelerator position sender, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
B537	Connection 28, in main wiring harness

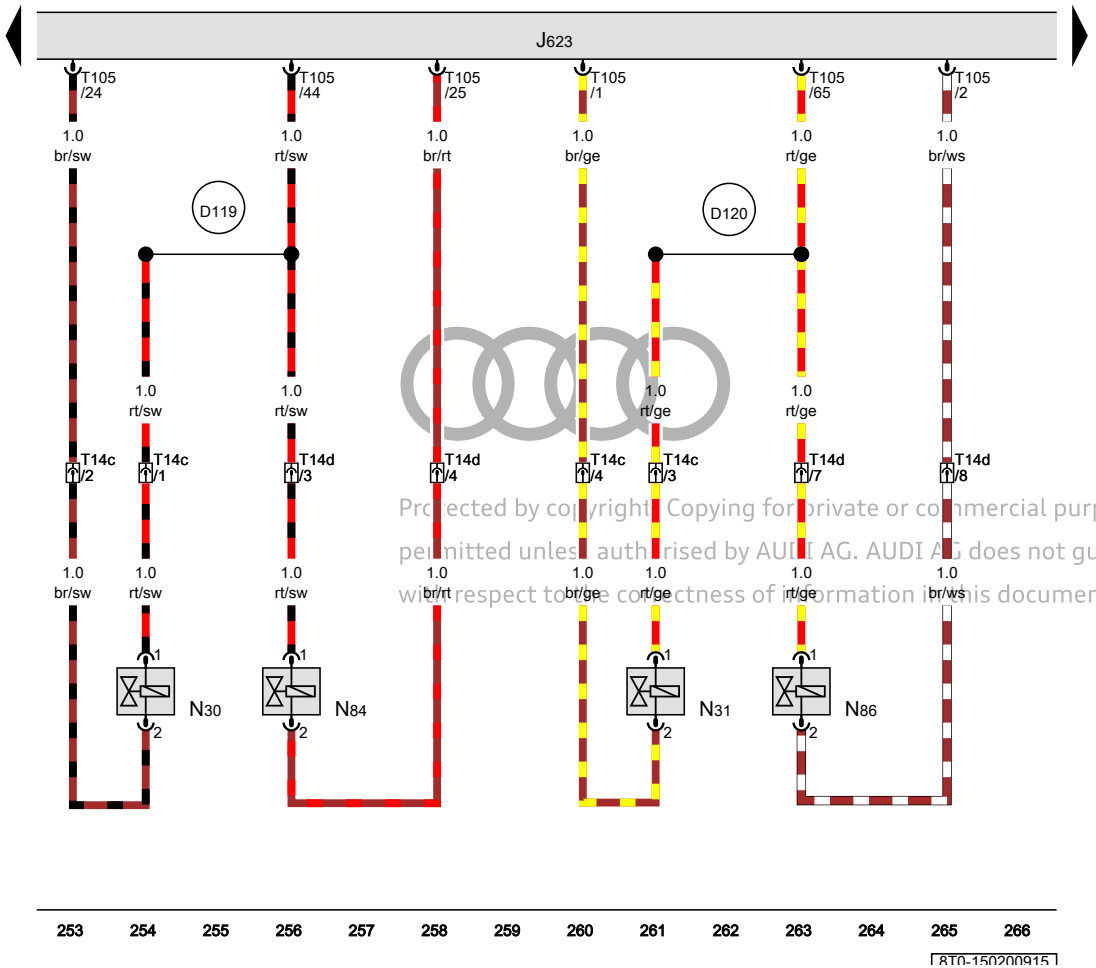


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 6, Injector, cylinder 8

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N84	Injector, cylinder 6
N86	Injector, cylinder 8
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T105	105-pin connector
D119	Connection 17 in engine compartment wiring harness
D120	Connection 18 in engine compartment wiring harness

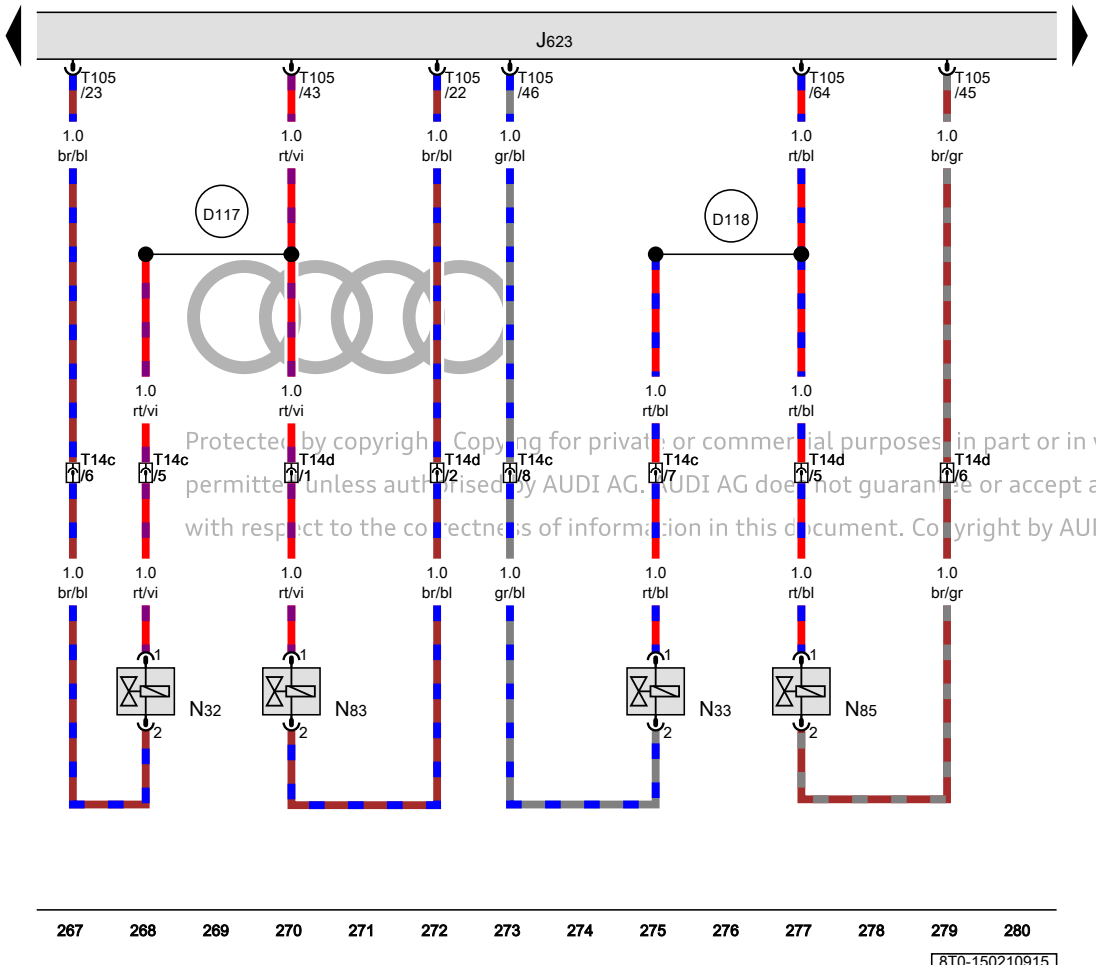


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Engine control unit, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 7

J623	Engine control unit
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
N85	Injector, cylinder 7
T14c	14-pin connector, in engine compartment
T14d	14-pin connector, in engine compartment
T105	105-pin connector
D117	Connection 15 in engine compartment wiring harness
D118	Connection 16 in engine compartment wiring harness

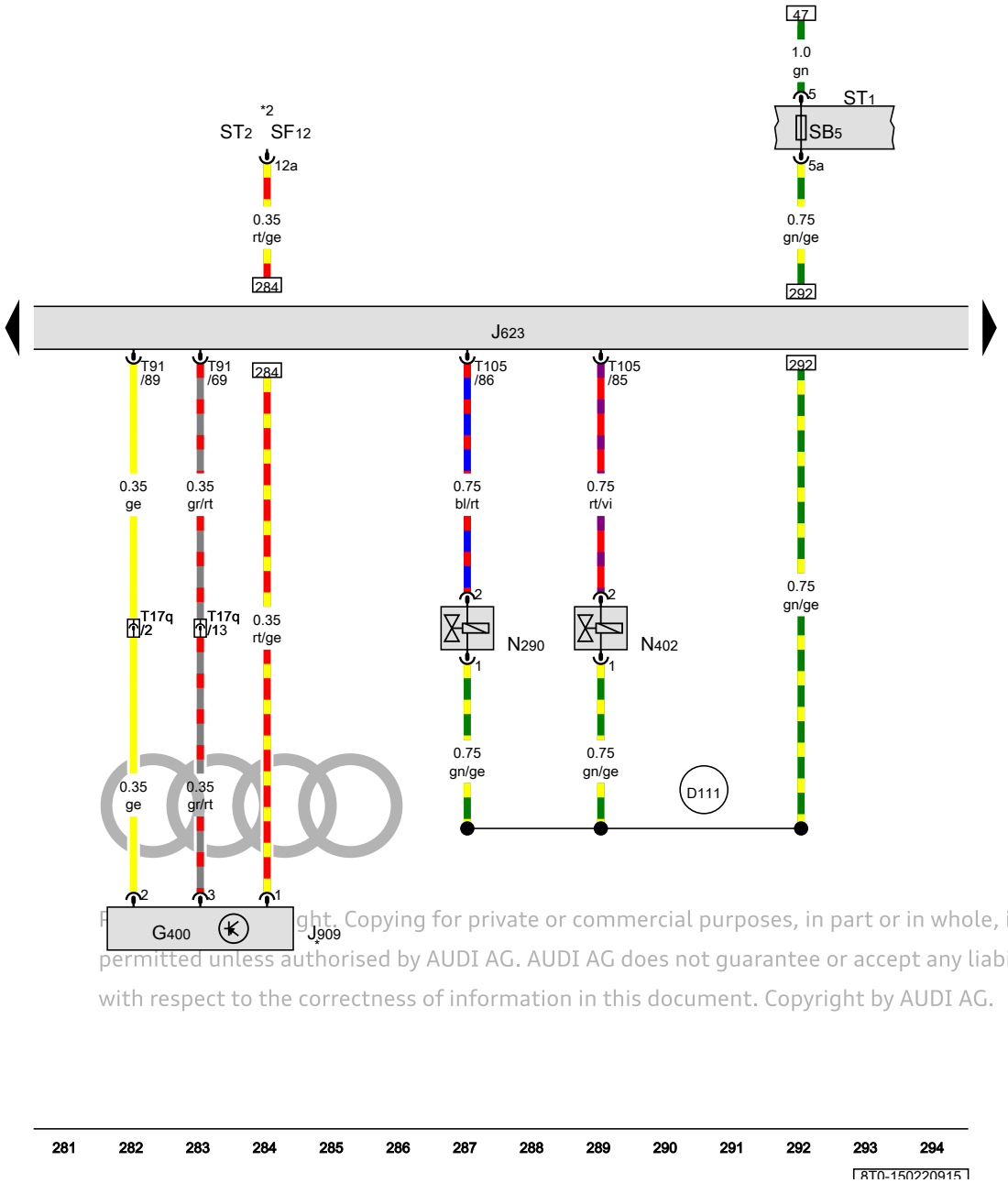


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or	=	orange
rs	=	pink

Engine control unit, Fuel metering valve, Fuel metering valve 2

G400	Tank pressure sensor
J623	Engine control unit
J909	Control unit for fuel tank leak detection
N290	Fuel metering valve
N402	Fuel metering valve 2
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SB5	Fuse 5 on fuse holder B
SF12	Fuse 12 in fuse holder F
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness
*	Only models with fuel system diagnostic pump
*2	see applicable current flow diagram for fuse assignment

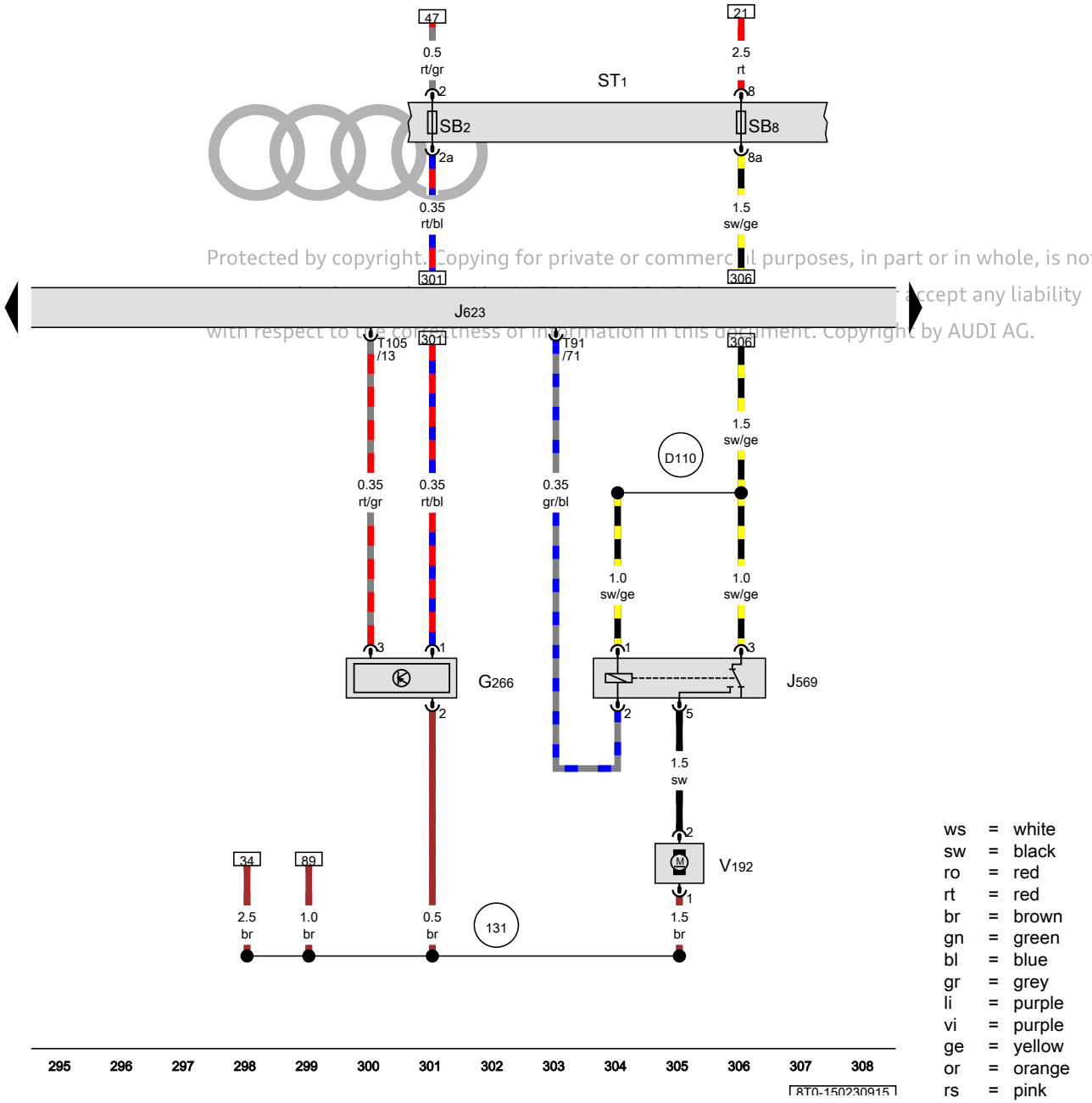


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gr	=	grey
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ge	=	yellow
or	=	orange
rs	=	pink

Oil level and oil temperature sender, Engine control unit, Vacuum pump for brakes

G266	Oil level and oil temperature sender
J569	Brake servo relay
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB8	Fuse 8 on fuse holder B
T91	91-pin connector
T105	105-pin connector
V192	Vacuum pump for brakes
131	Earth connection 2, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness



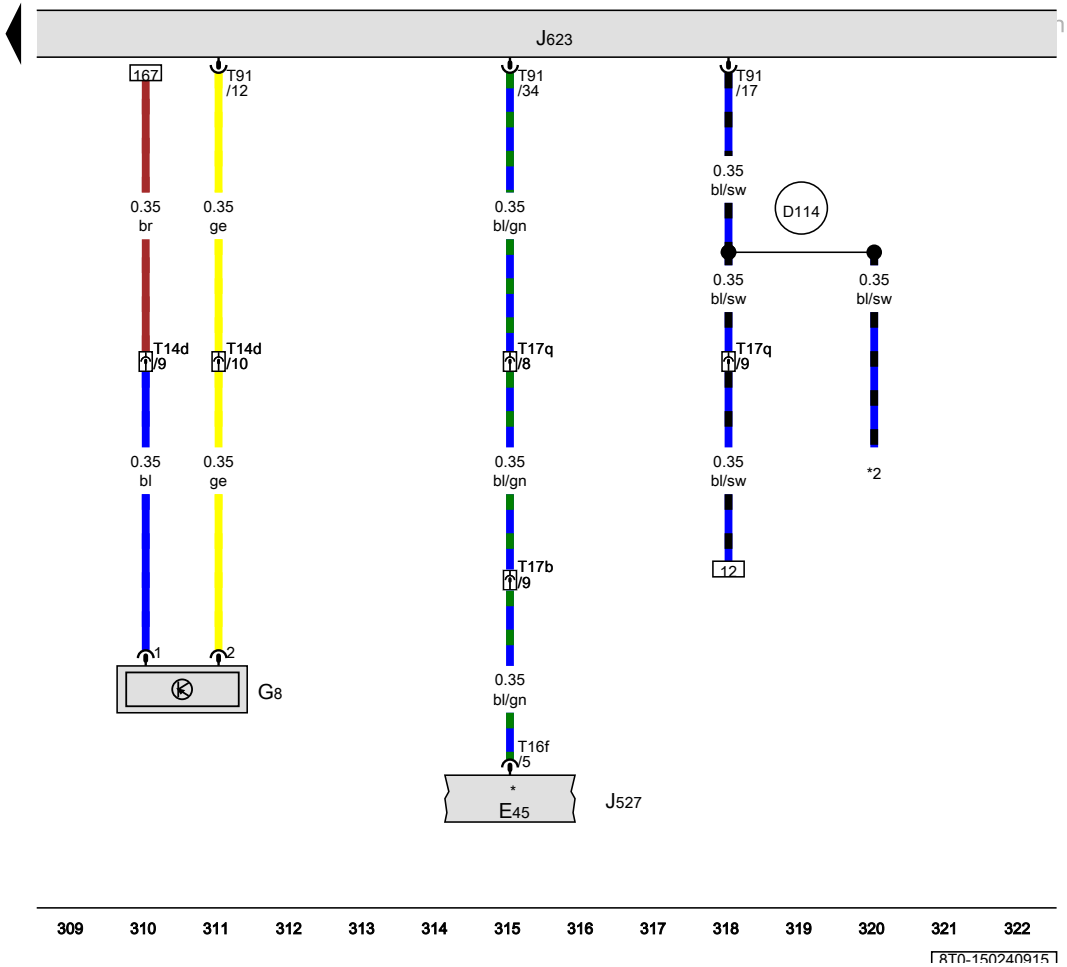
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or	=	orange
rs	=	pink

Oil temperature sender, Engine control unit

E45	Cruise control system switch
G8	Oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
T14d	14-pin connector, in engine compartment
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
D114	Connection 12 in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram for gearbox

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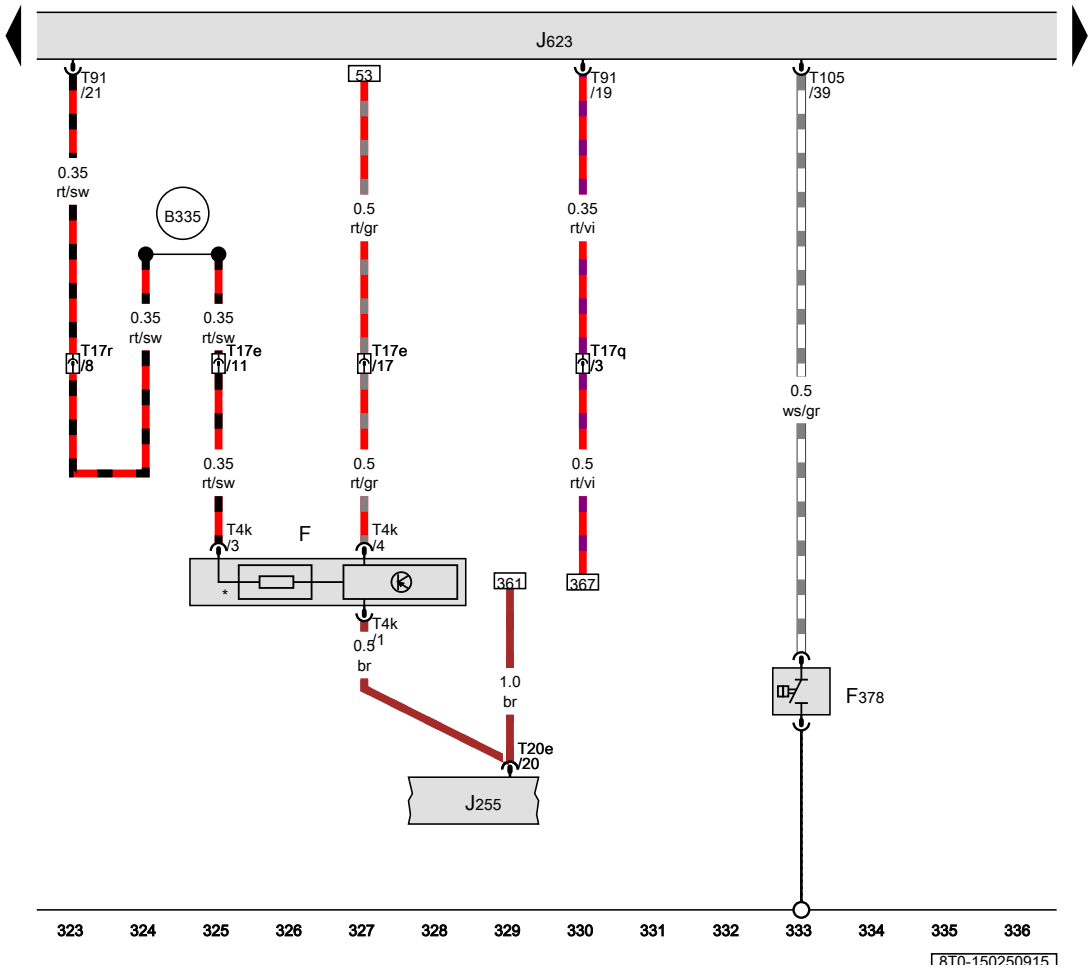


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rs	=	pink

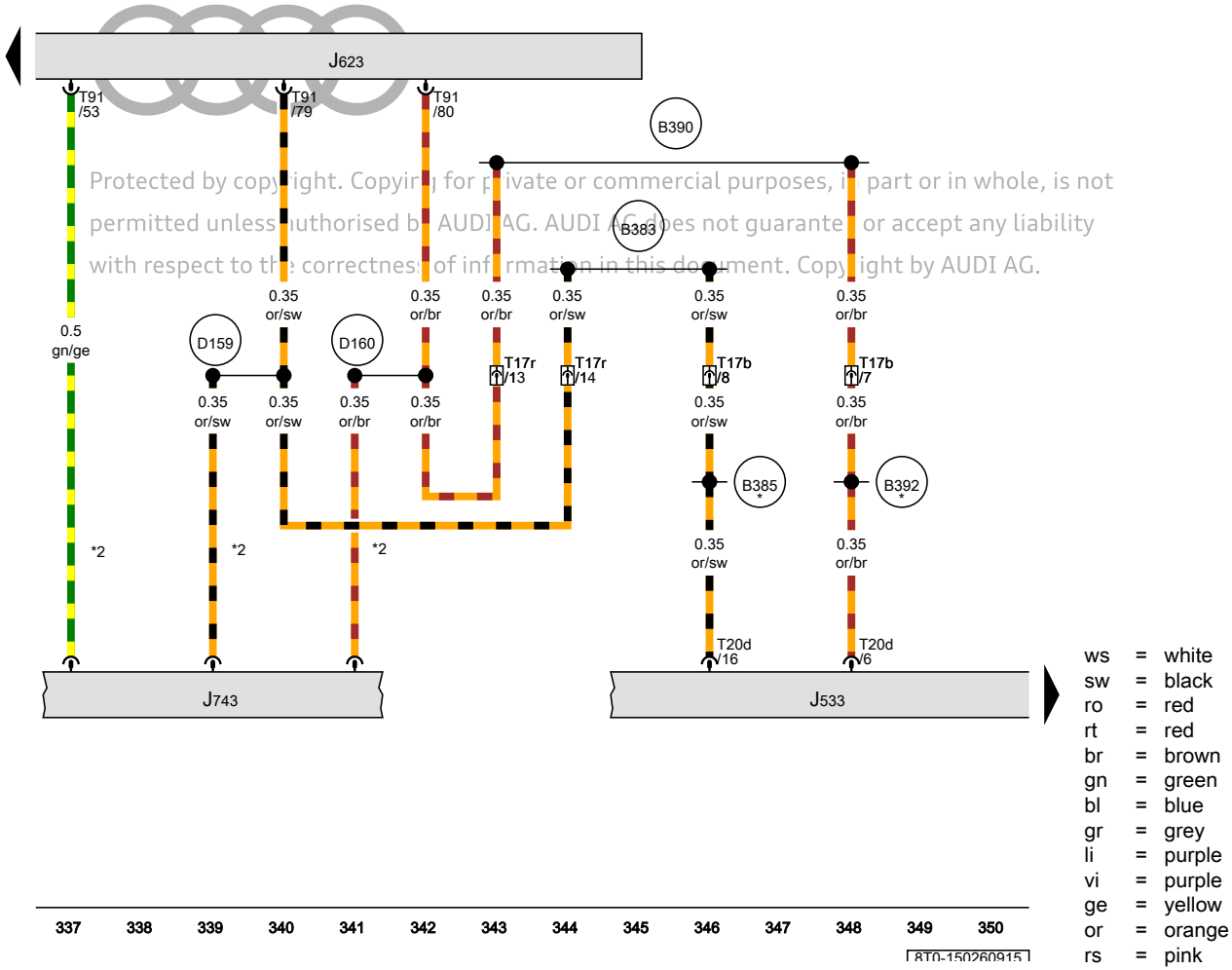
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Brake light switch, Oil pressure switch for reduced oil pressure, Engine control unit

F	Brake light switch
F378	Oil pressure switch for reduced oil pressure
J255	Climatronic control unit
J623	Engine control unit
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
T105	105-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor



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

Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

J533 Data bus diagnostic interface
J623 Engine control unit
J743 Mechatronic unit for dual clutch gearbox
T17b 17-pin connector, blue
T17r 17-pin connector, white
T20d 20-pin connector
T91 91-pin connector

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

B385 Connection 3 (powertrain CAN bus, high), in main wiring harness

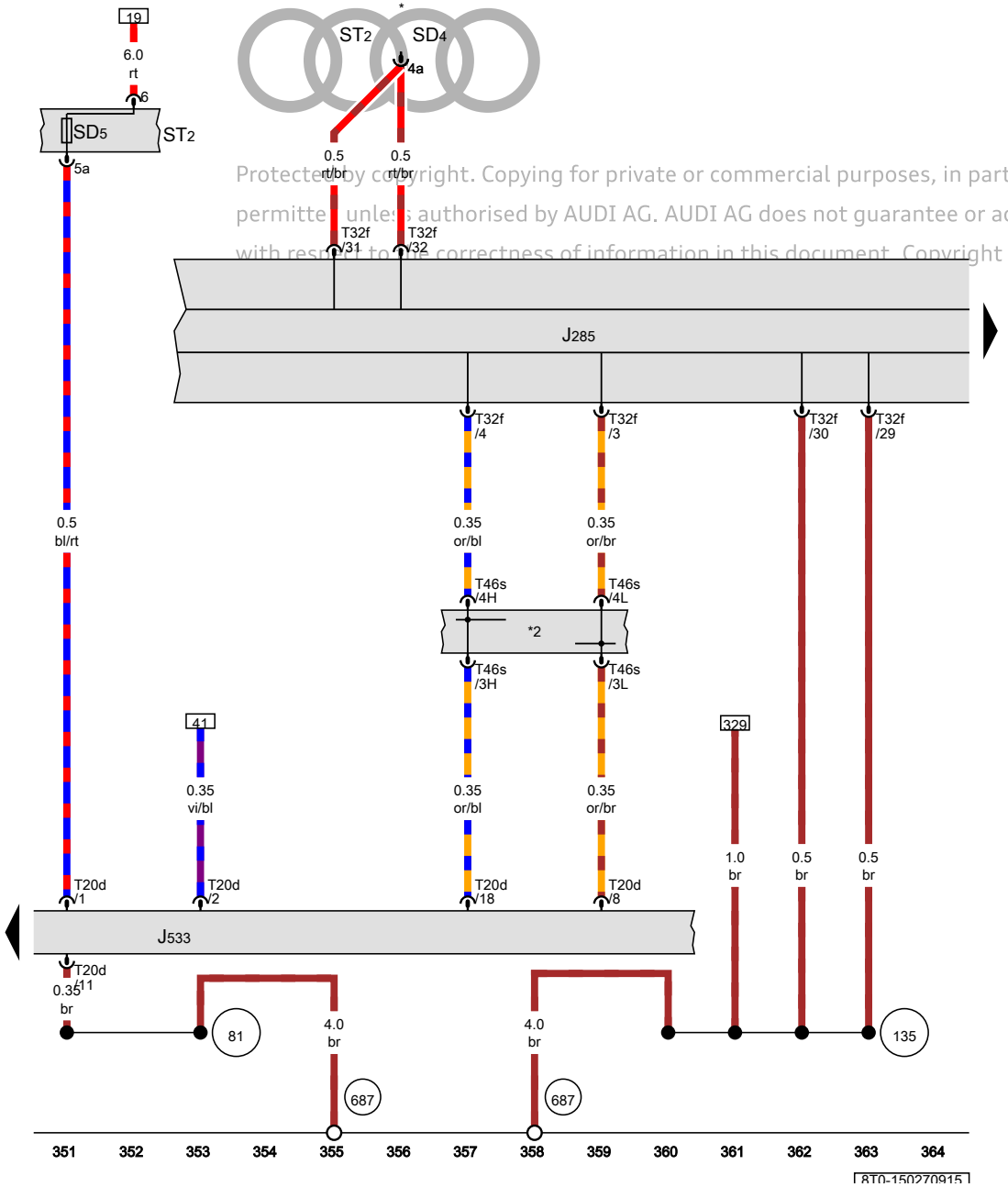
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

B392 Connection 3 (powertrain CAN bus, low), in main wiring harness

D159 Connection (high bus), in engine compartment wiring harness

D160 Connection (low bus), in engine compartment wiring harness

* Gradually discontinued
*2 see applicable current flow diagram for automatic gearbox

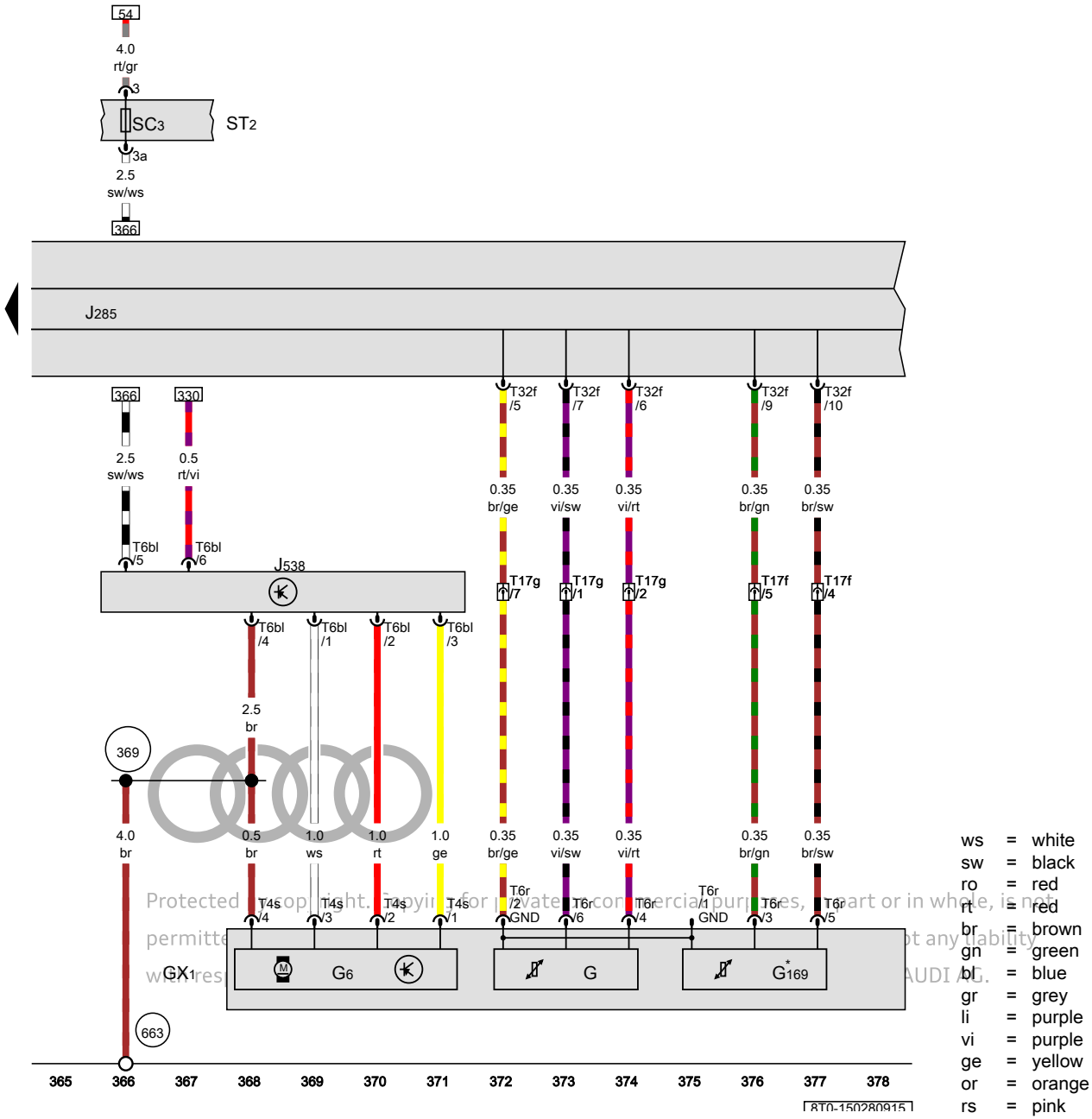


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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



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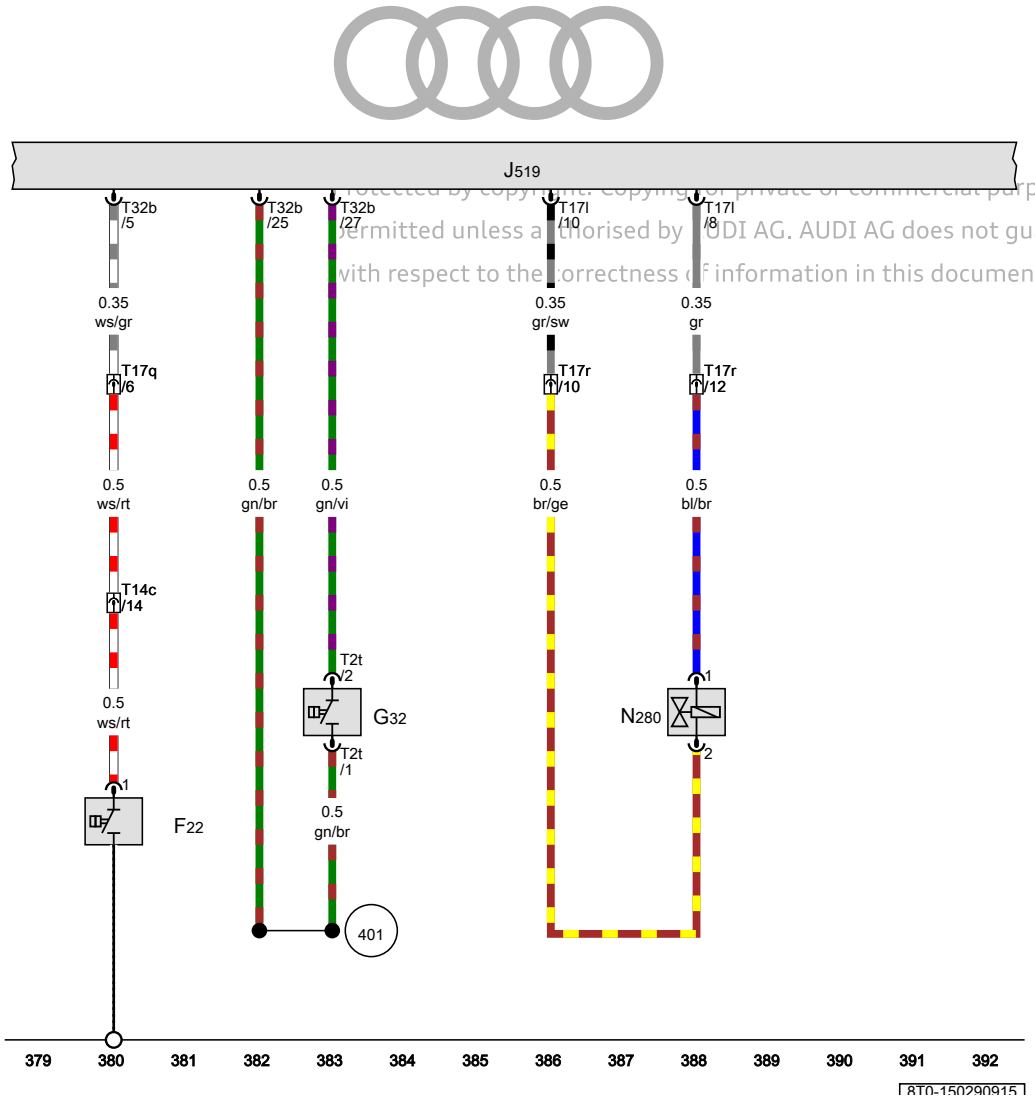
Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
*	Only 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

Oil pressure switch, Coolant shortage indicator sender, Onboard supply control unit

F22	Oil pressure switch
G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T14c	14-pin connector
T17l	17-pin connector
T17q	17-pin connector, white
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



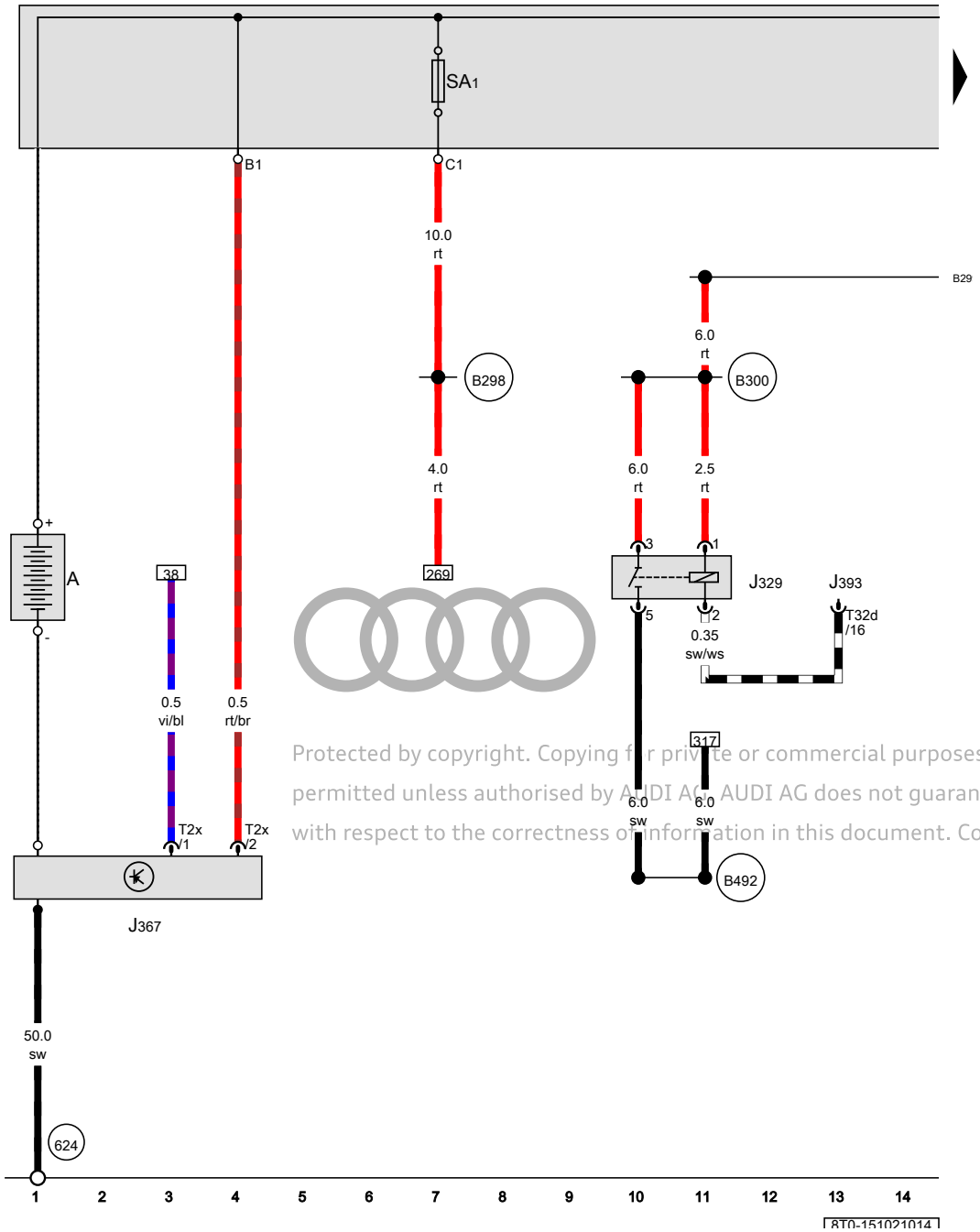
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or	=	orange
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2.0l diesel engine , CGLC,CGLD,CJCA,CJCB,CJCC,CJCD,CMFA,CMFB

From May 2012

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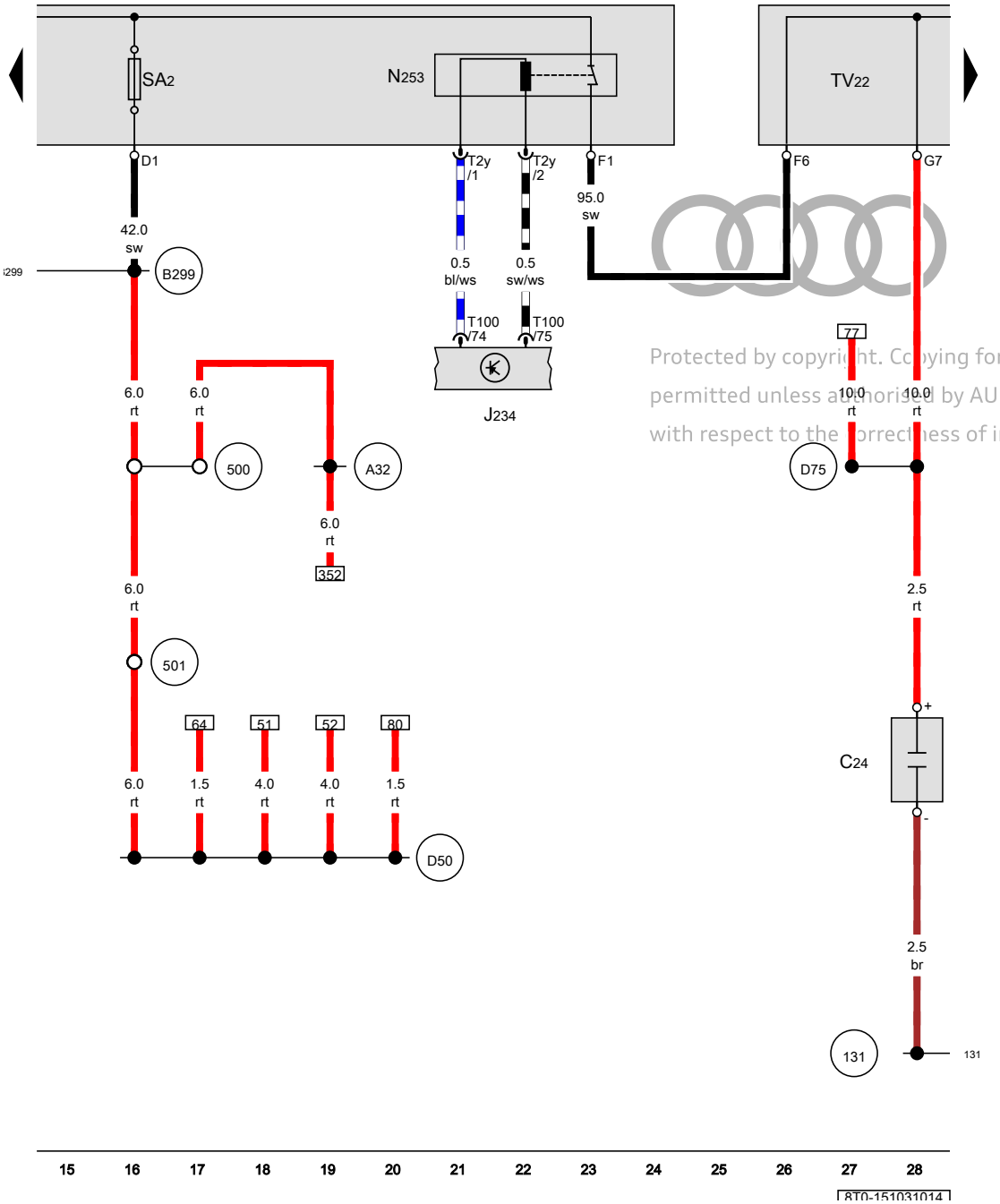


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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

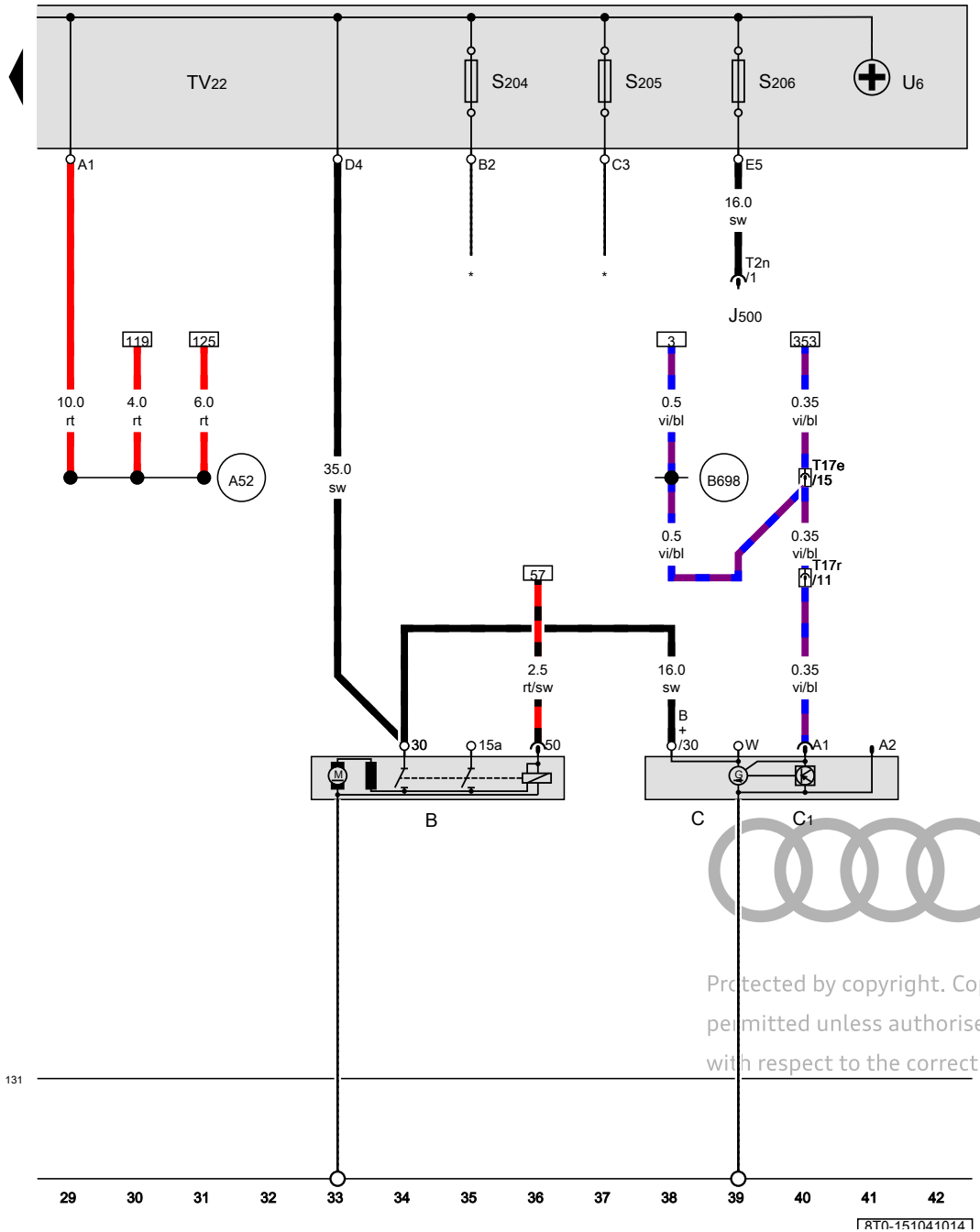


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rs = pink

Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness



Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

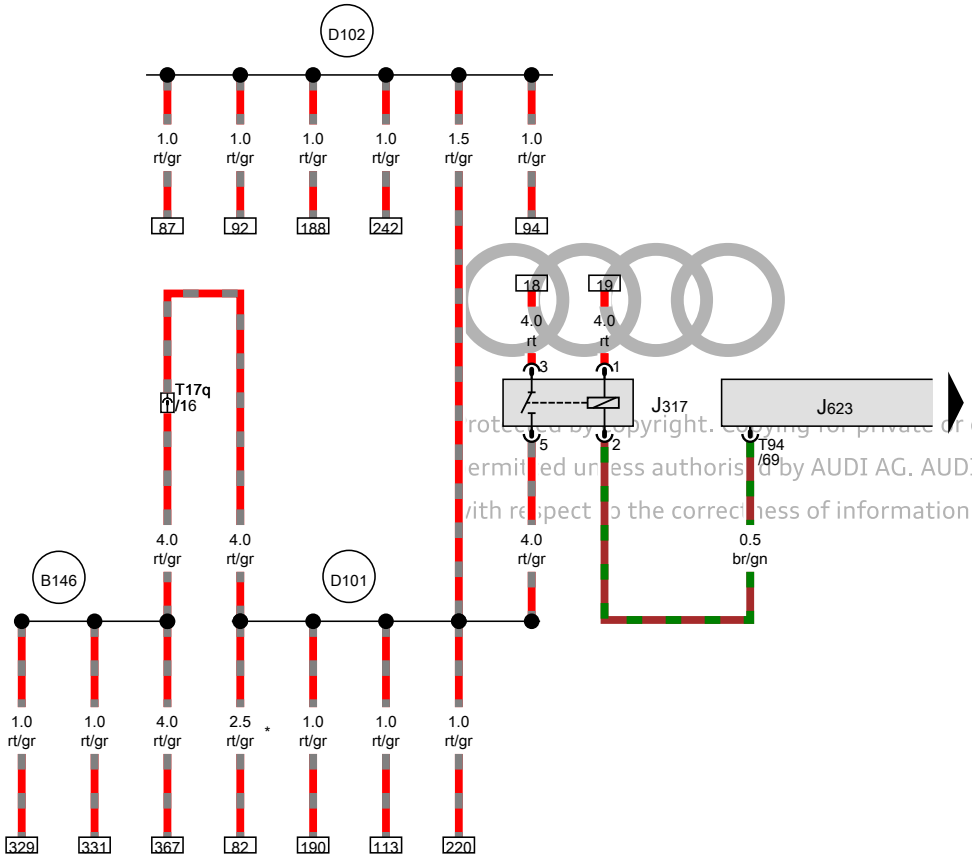
B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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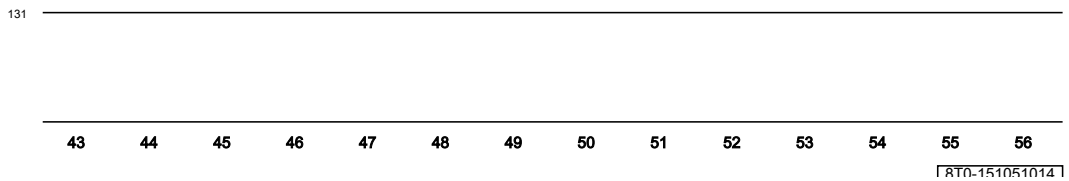
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Terminal 30 voltage supply relay, Engine control unit

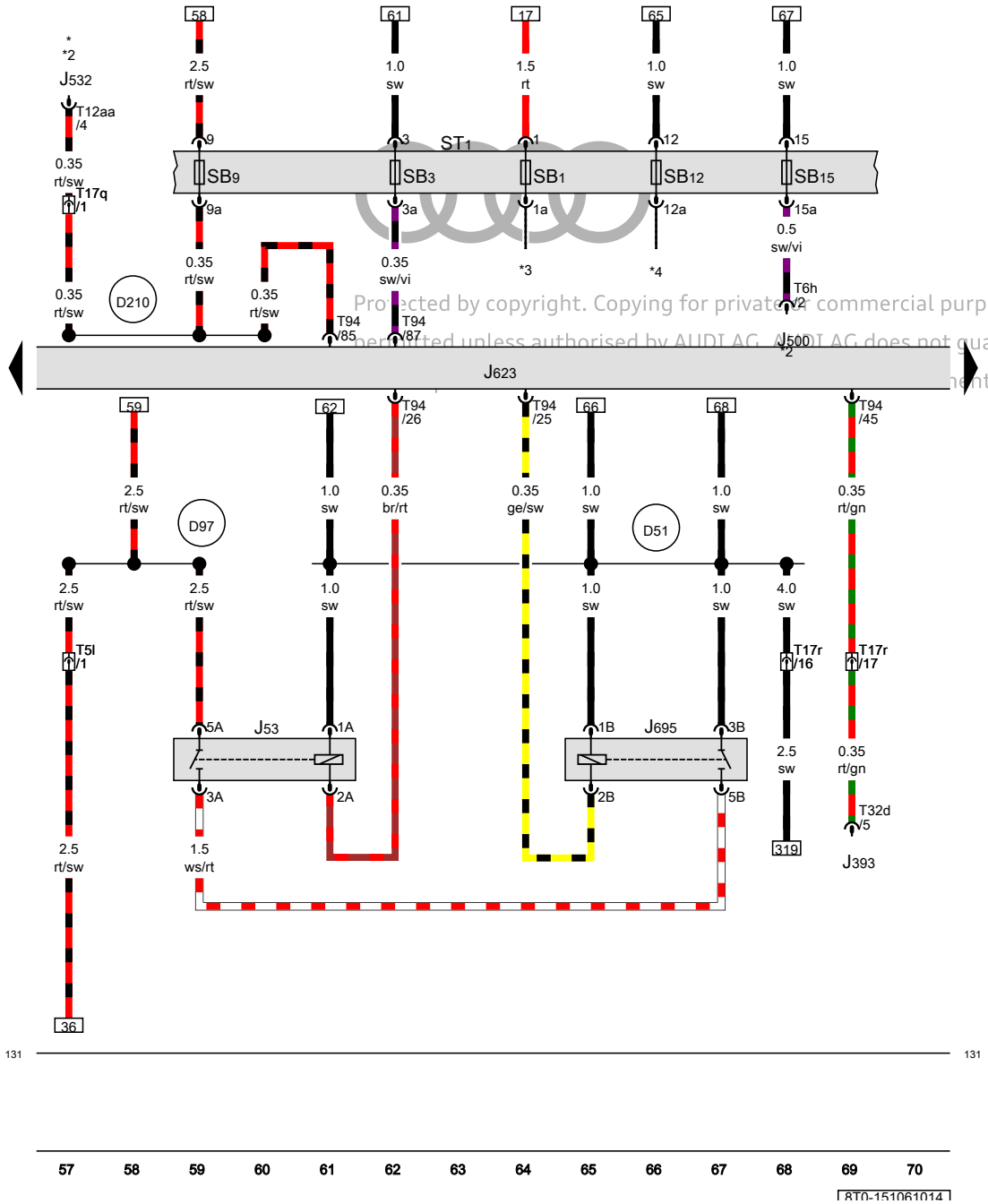
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	Cross-section 1.5 possible



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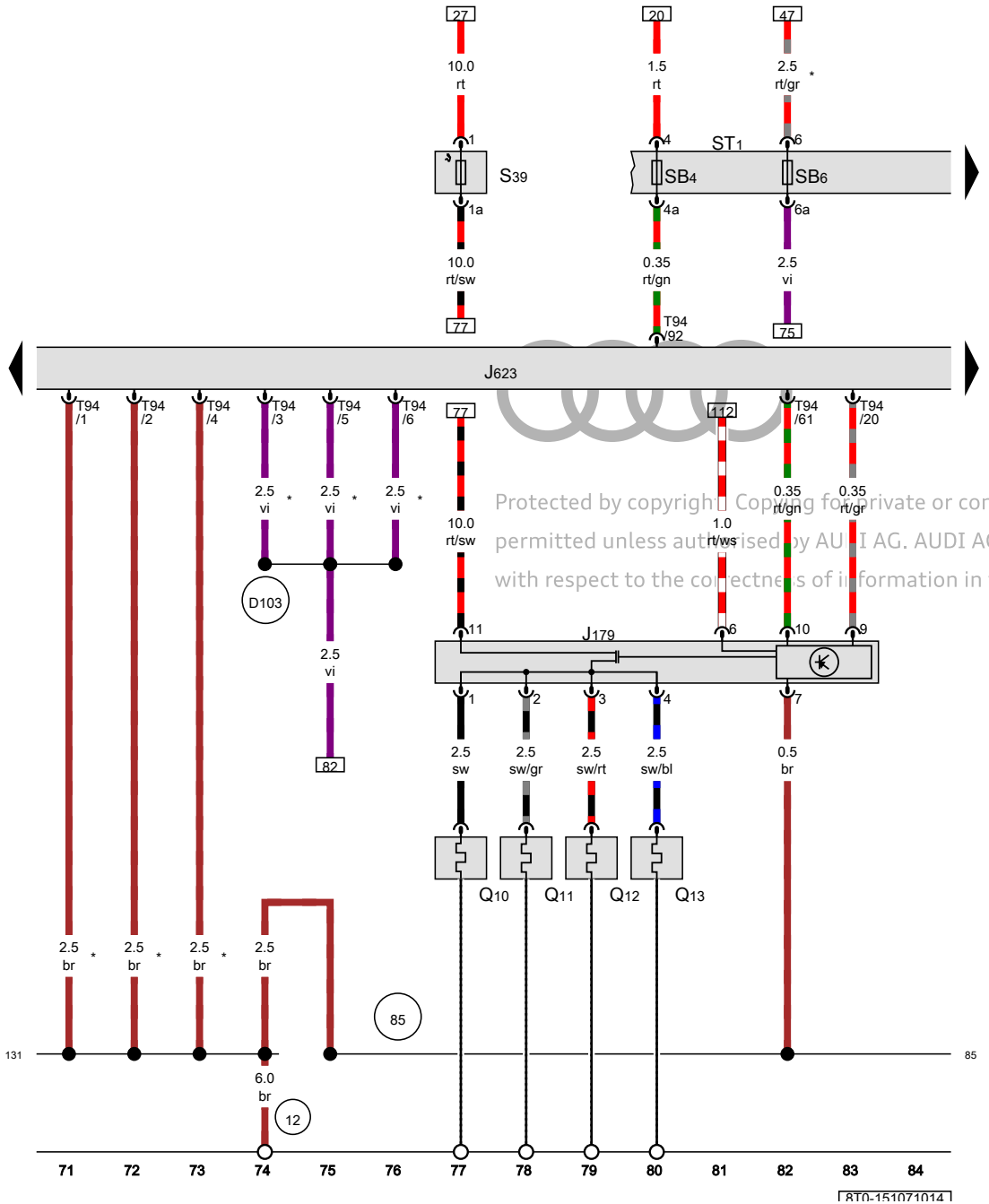


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vi = purple
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or = orange
rs = pink

Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J500	Power steering control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T1	Single connector
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram
*3	see applicable current flow diagram for gearbox
*4	see applicable current flow diagram for automatic gearbox

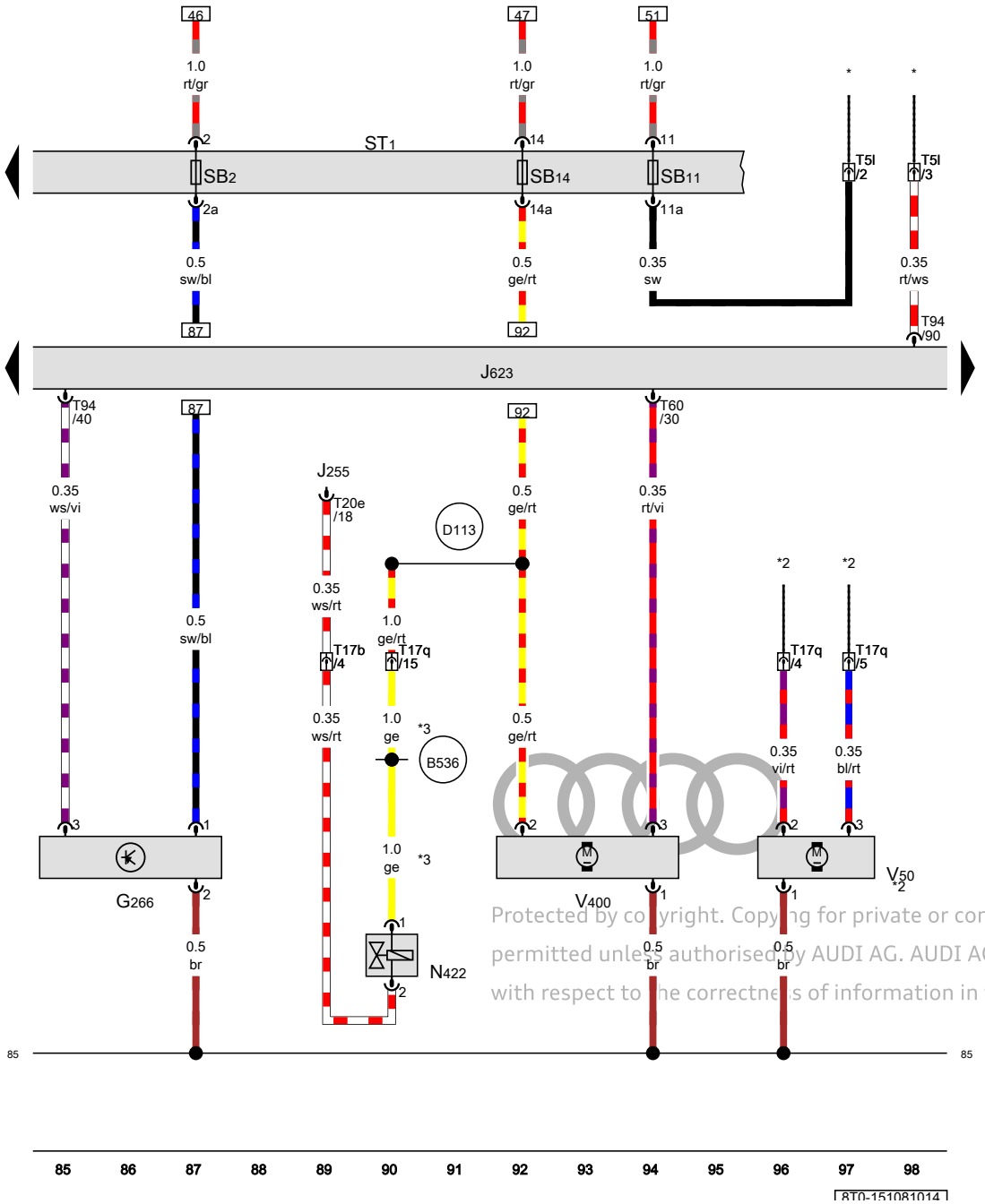


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Automatic glow period control unit, Engine control unit

J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
S39	Engine glow plug strip fuse
T94	94-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	Cross-section 1.5 possible

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 level and oil temperature sender, Engine control unit, Climatronic coolant shut-off valve, Coolant circulation pump, Pump for exhaust gas recirculation cooler

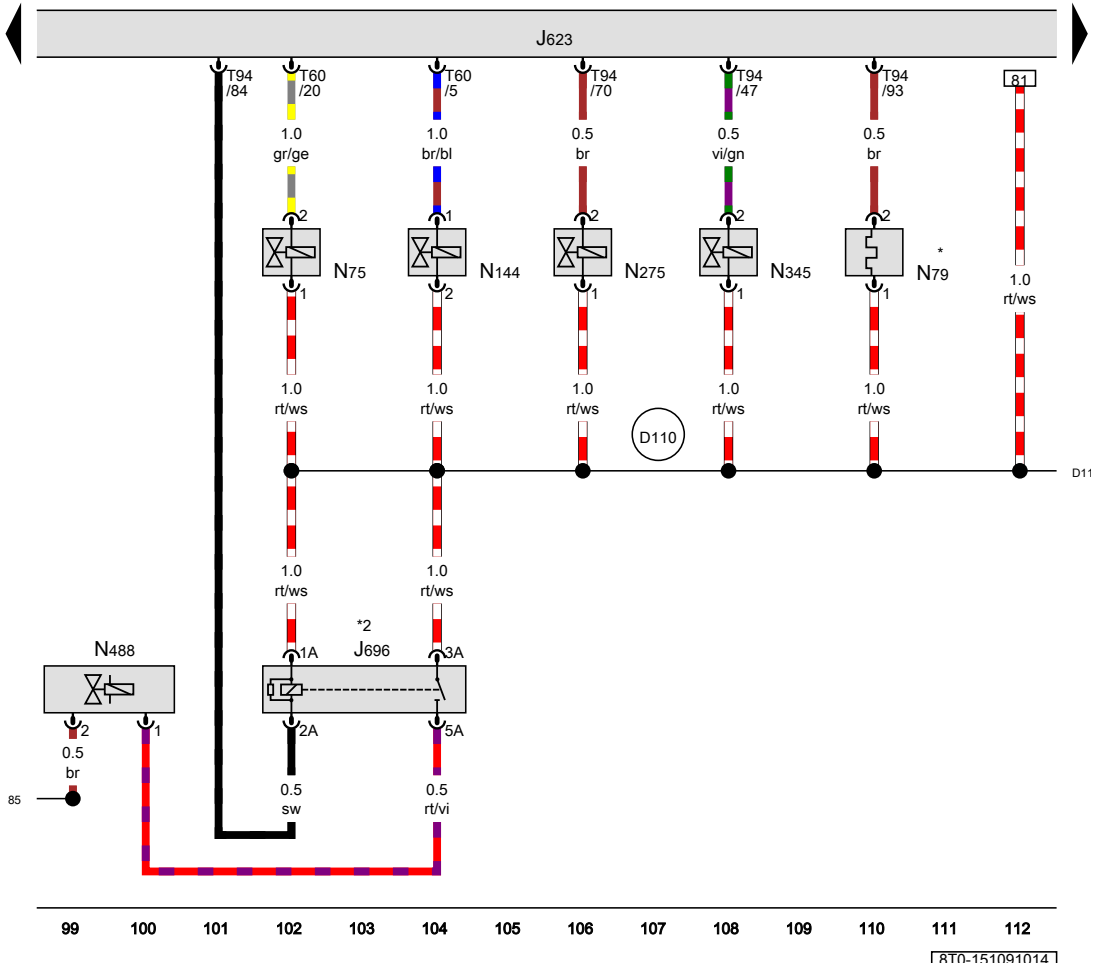
G266	Oil level and oil temperature sender
J255	Climatronic control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T5l	5-pin connector, in engine compartment
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
V400	Pump for exhaust gas recirculation cooler
85	Earth connection 1, in engine compartment wiring harness
B536	Connection 27, in main wiring harness
D113	Connection 11 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for air conditioning
*3	Wiring colour depends on equipment

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

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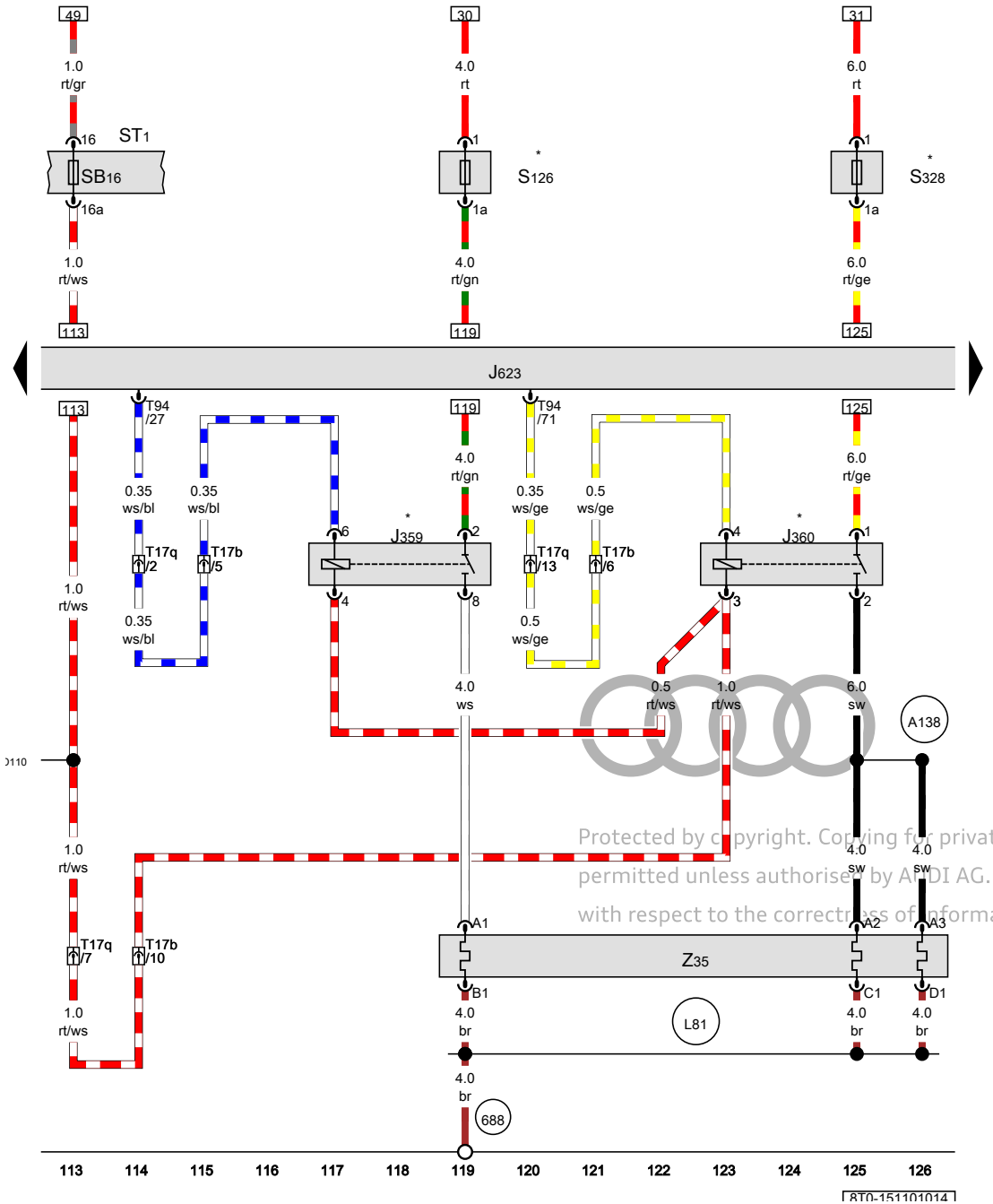
Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Left electrohydraulic engine mounting solenoid valve, Air filter bypass flap valve, Exhaust gas recirculation cooler changeover valve

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J623	Engine control unit
J696	Gearbox cooling circuit relay
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
N144	Left electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
N488	Coolant valve for gearbox
T60	60-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Only models with crankcase breather heater element
*2	Only models with manual gearbox

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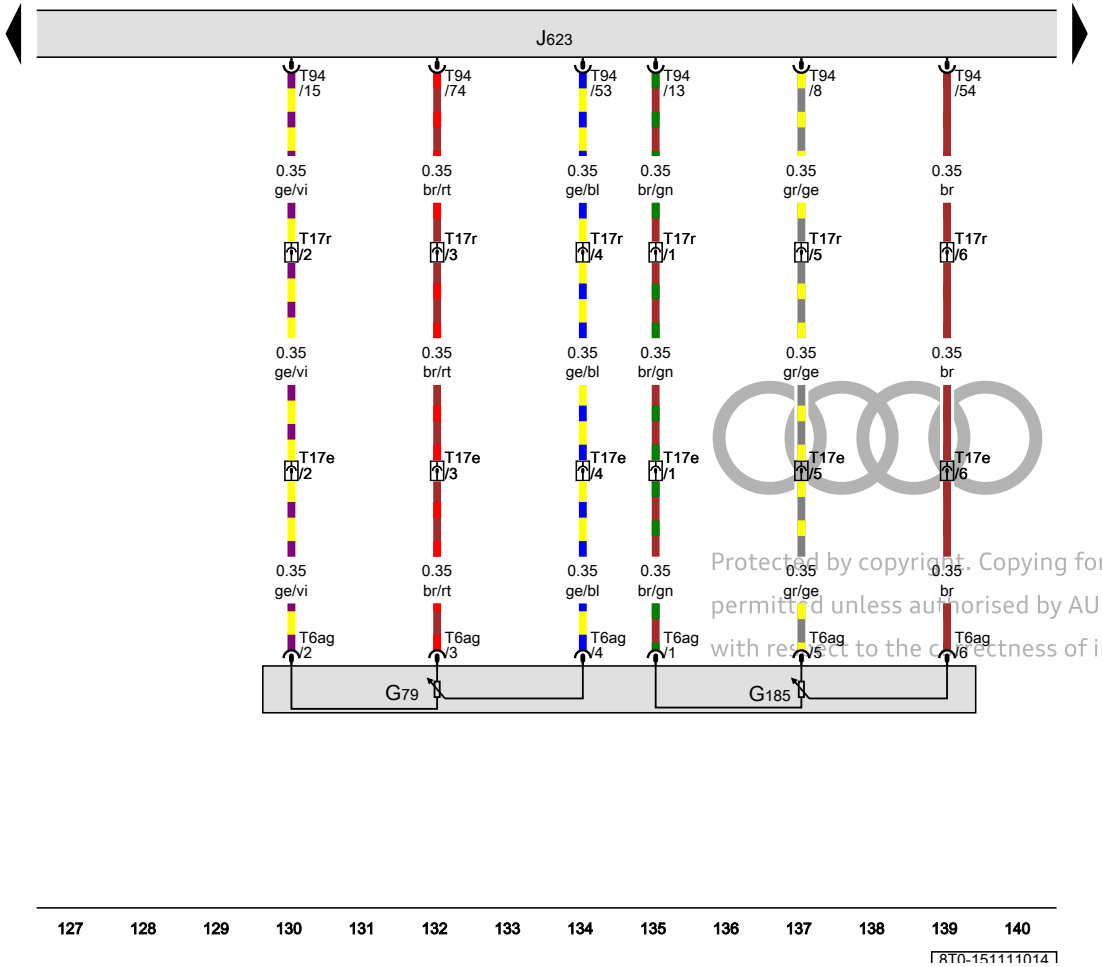
Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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

Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector



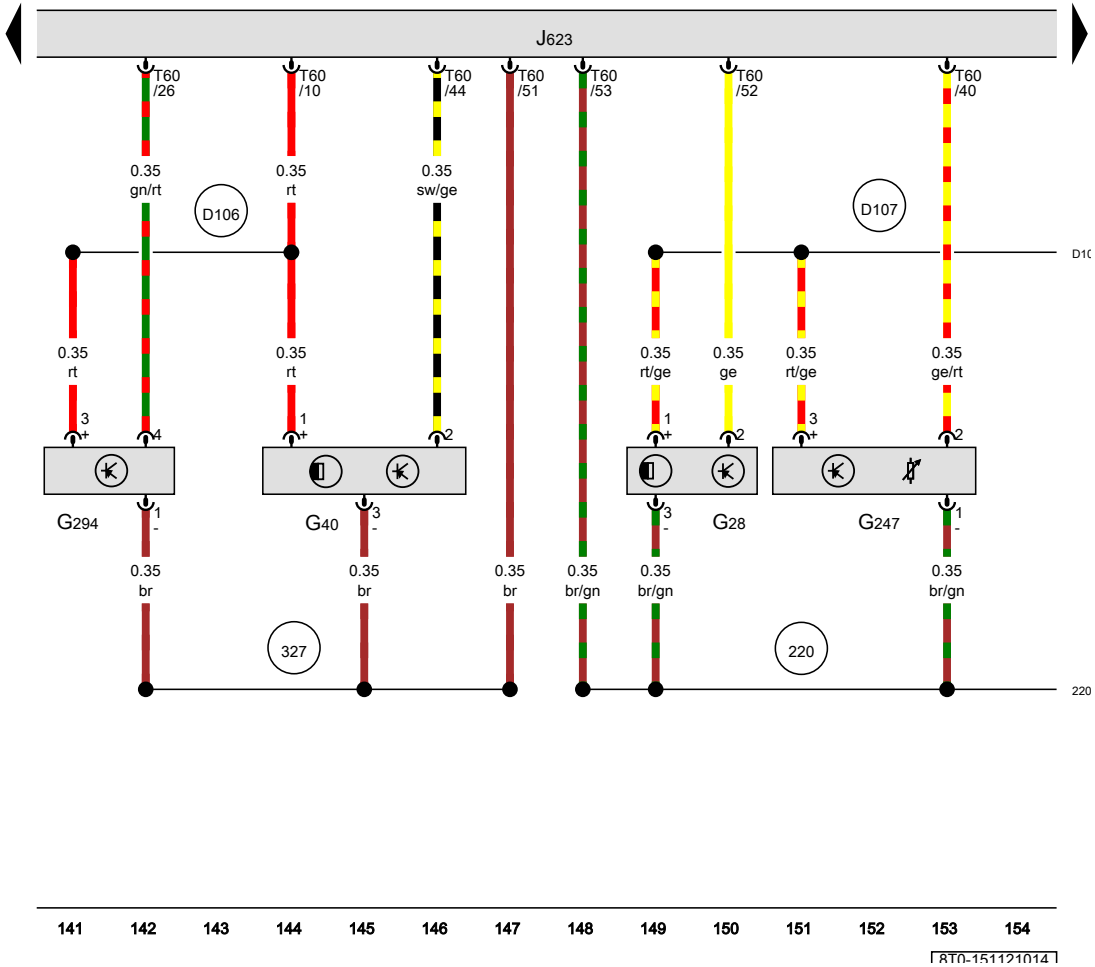
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sw	=	black
ro	=	red
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br	=	brown
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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Engine speed sender, Hall sender, Fuel pressure sender, Brake servo pressure sensor, Engine control unit

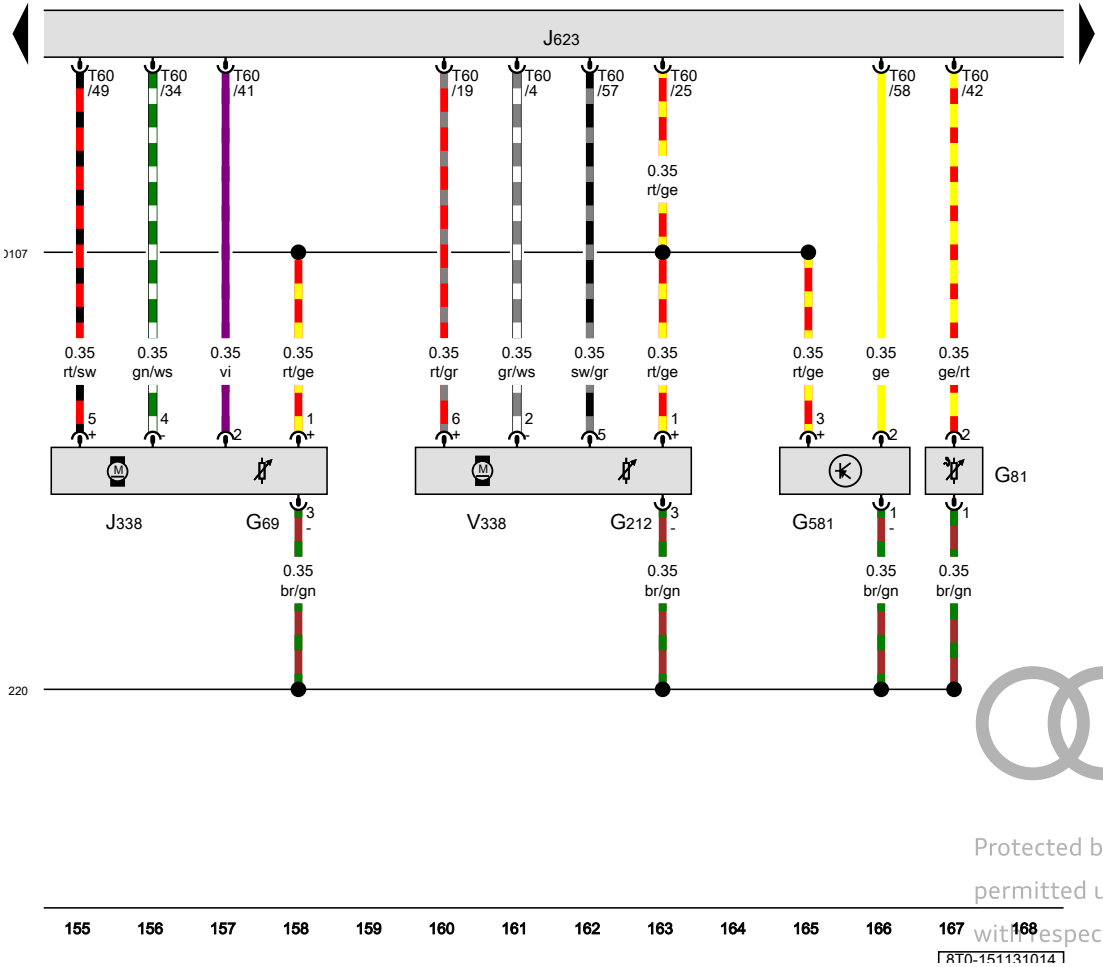
G28	Engine speed sender
G40	Hall sender
G247	Fuel pressure sender
G294	Brake servo pressure sensor
J623	Engine control unit
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 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

Throttle valve potentiometer, Fuel temperature sender, Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor

G69	Throttle valve potentiometer
G81	Fuel temperature sender
G212	Exhaust gas recirculation potentiometer
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
T60	60-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



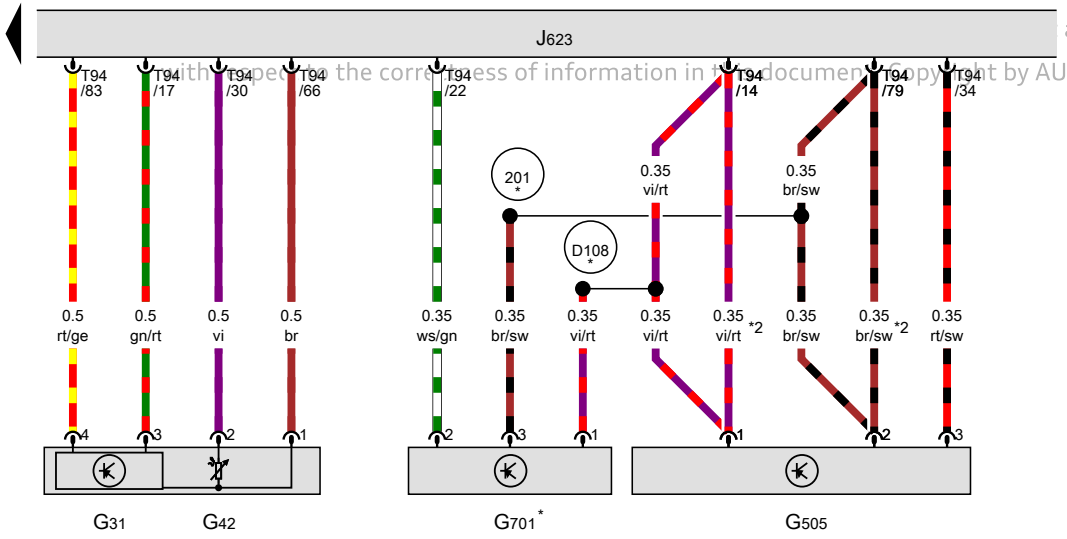
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or	=	orange
rs	=	pink

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Charge pressure sender, Intake air temperature sender, Pressure differential sender, Gearbox neutral position sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
T94	94-pin connector
201	Earth connection 5, in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox

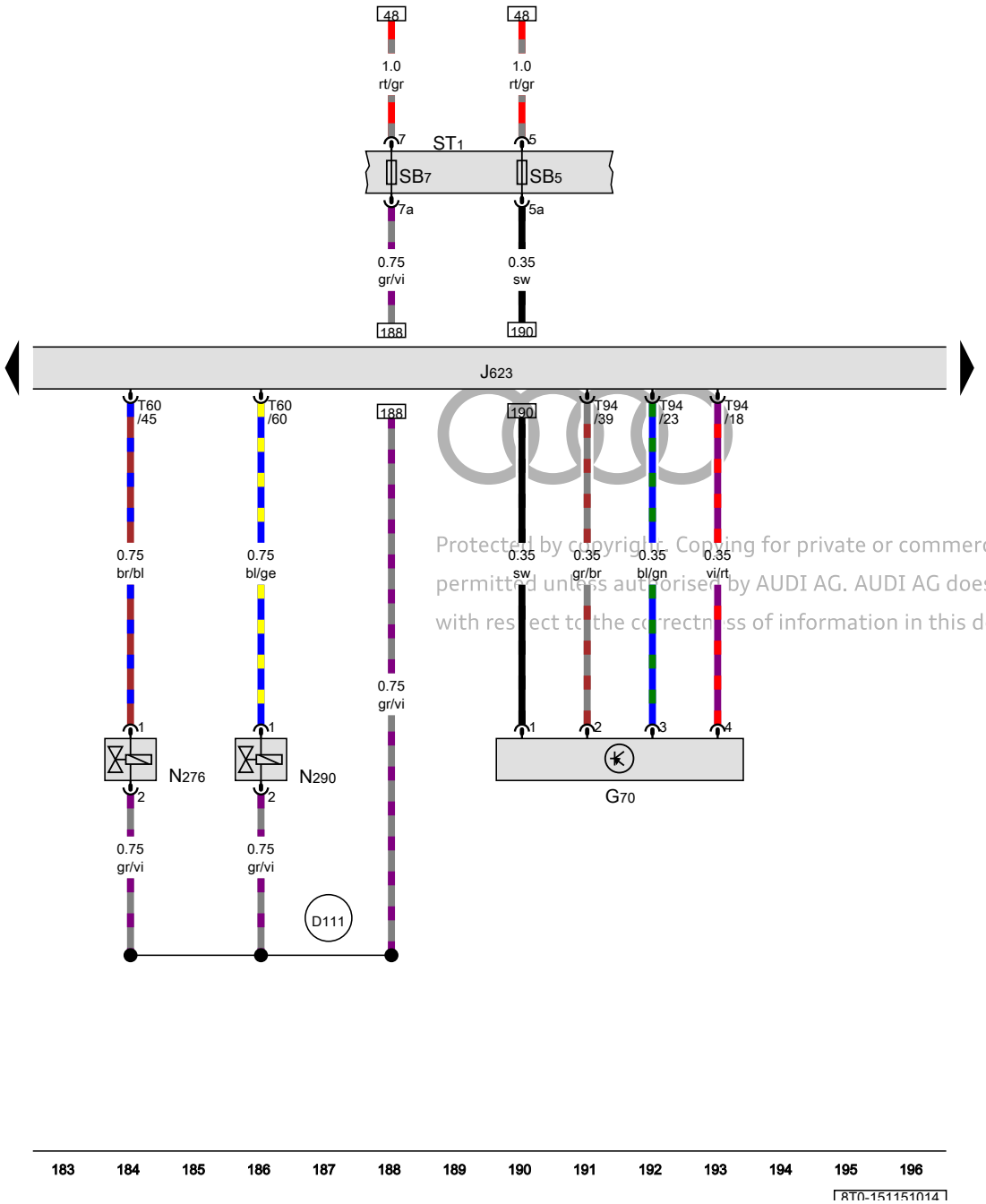
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ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

169 170 171 172 173 174 175 176 177 178 179 180 181 182

8T0-151141014



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Air mass meter, Engine control unit, Fuel pressure regulating valve, Fuel metering valve

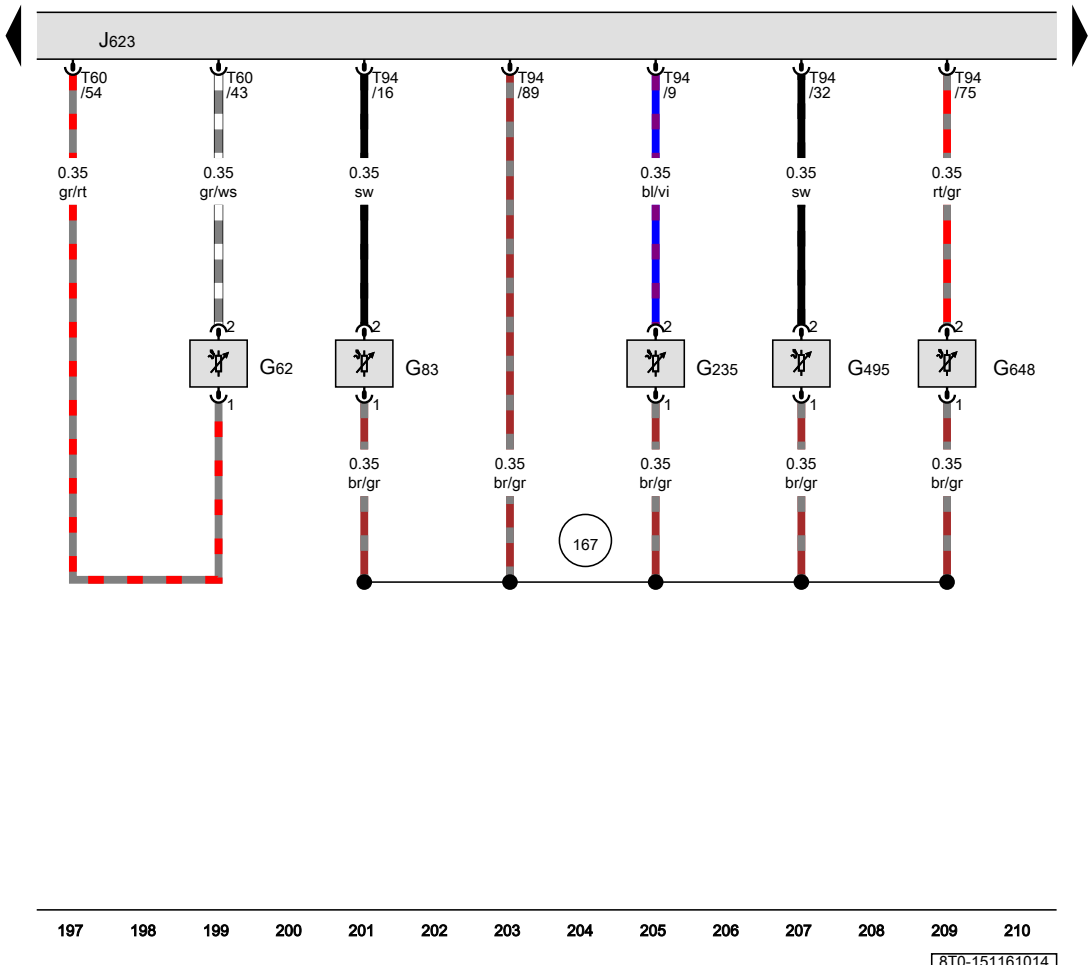
G70	Air mass meter
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T60	60-pin connector
T94	94-pin connector
D111	Connection 9 in engine compartment wiring harness

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

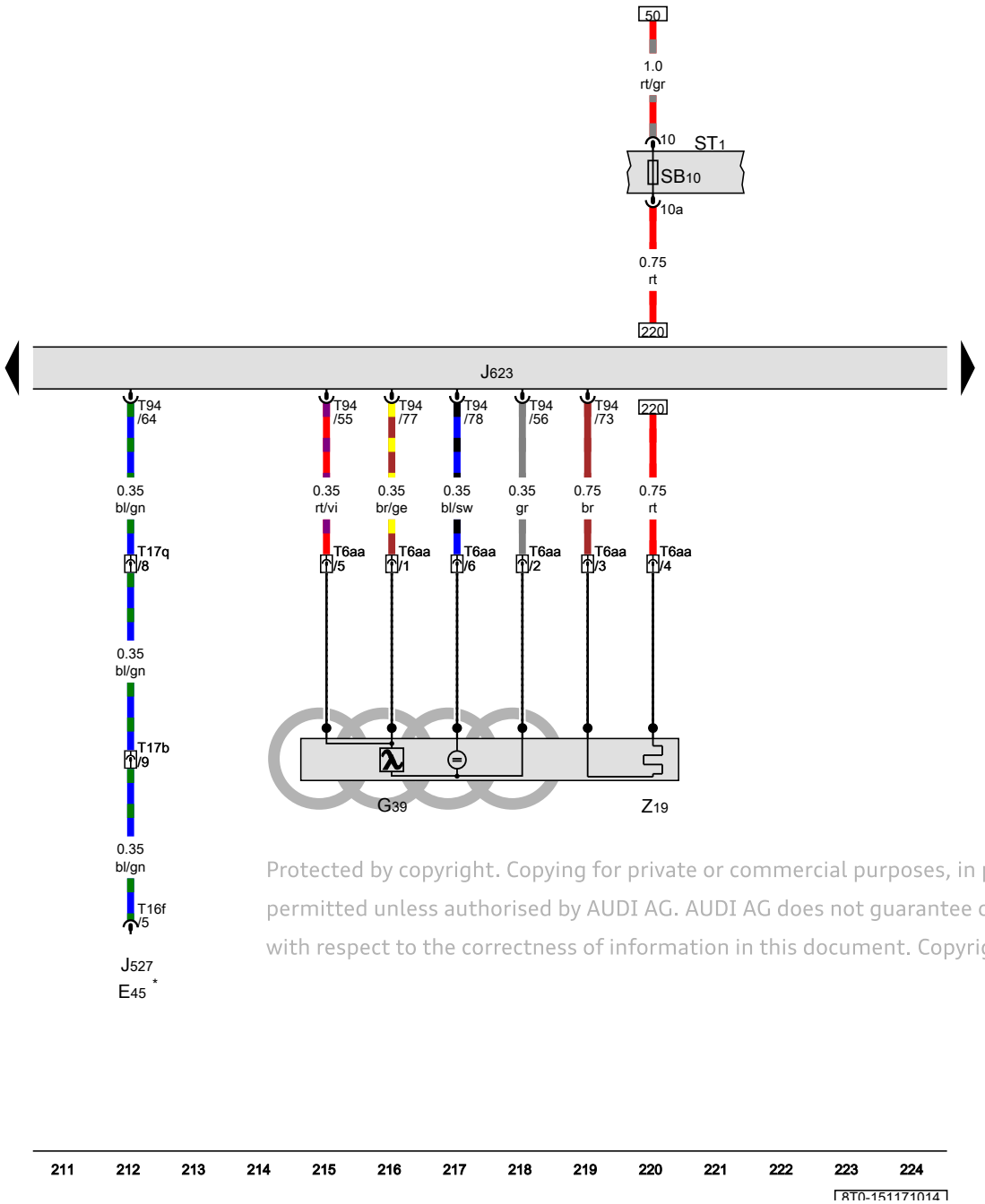
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Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
G235	Exhaust gas temperature sender 1
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
167	Earth 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
ge	=	yellow
or	=	orange
rs	=	pink



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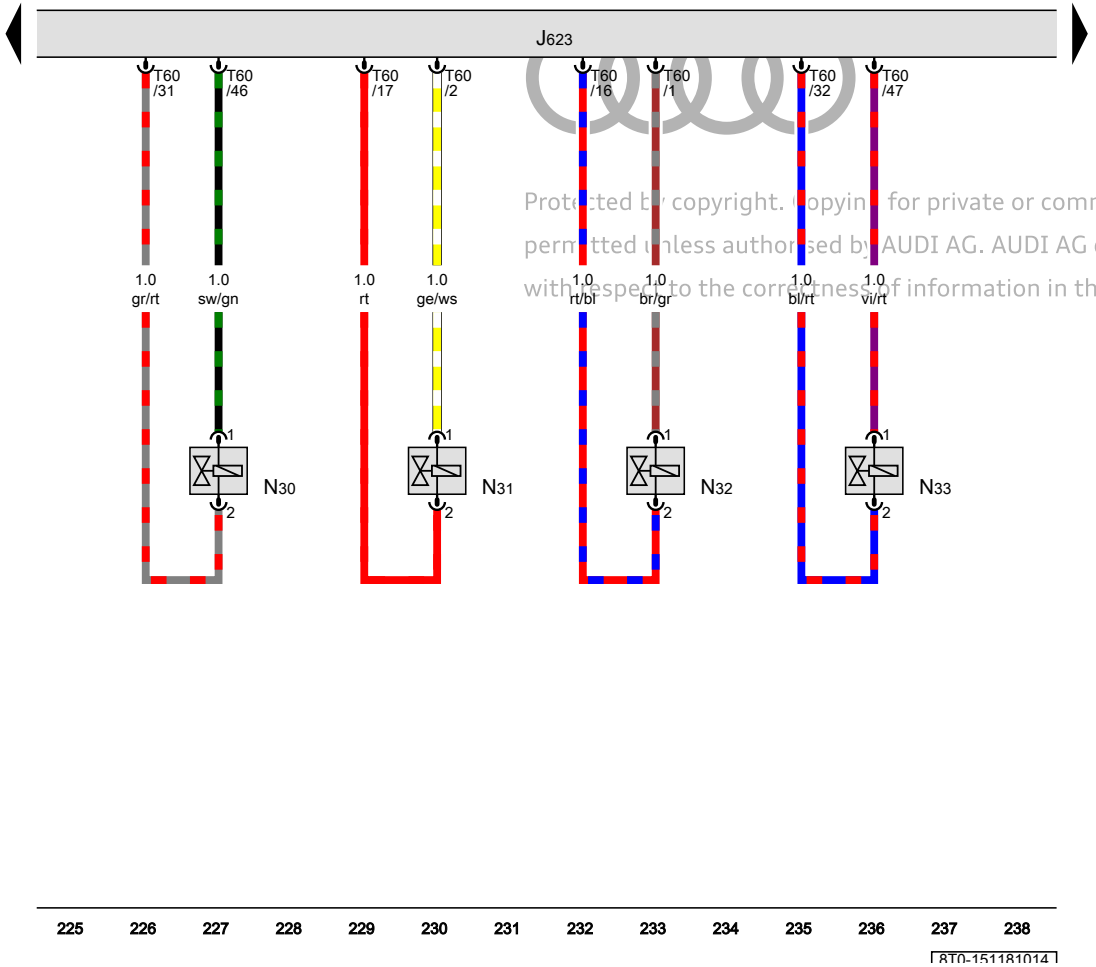
Lambda probe, Engine control unit

E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

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

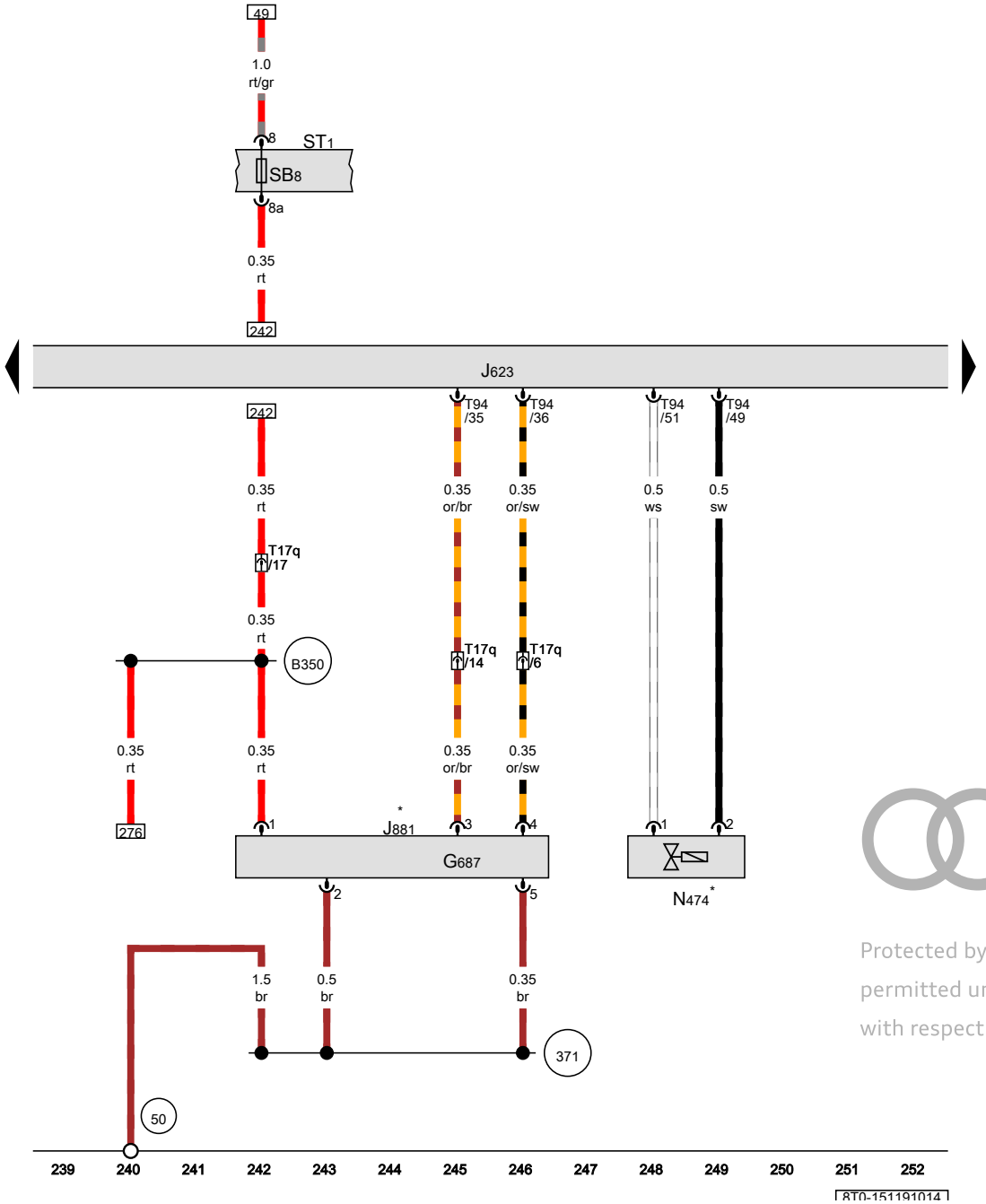
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector



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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



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

G687	NOx sender 2
J623	Engine control unit
J881	Control unit for NOx sender 2
N474	Injector for reducing agent
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T17q	17-pin connector, red
T94	94-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
*	Only models with reducing agent metering system

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

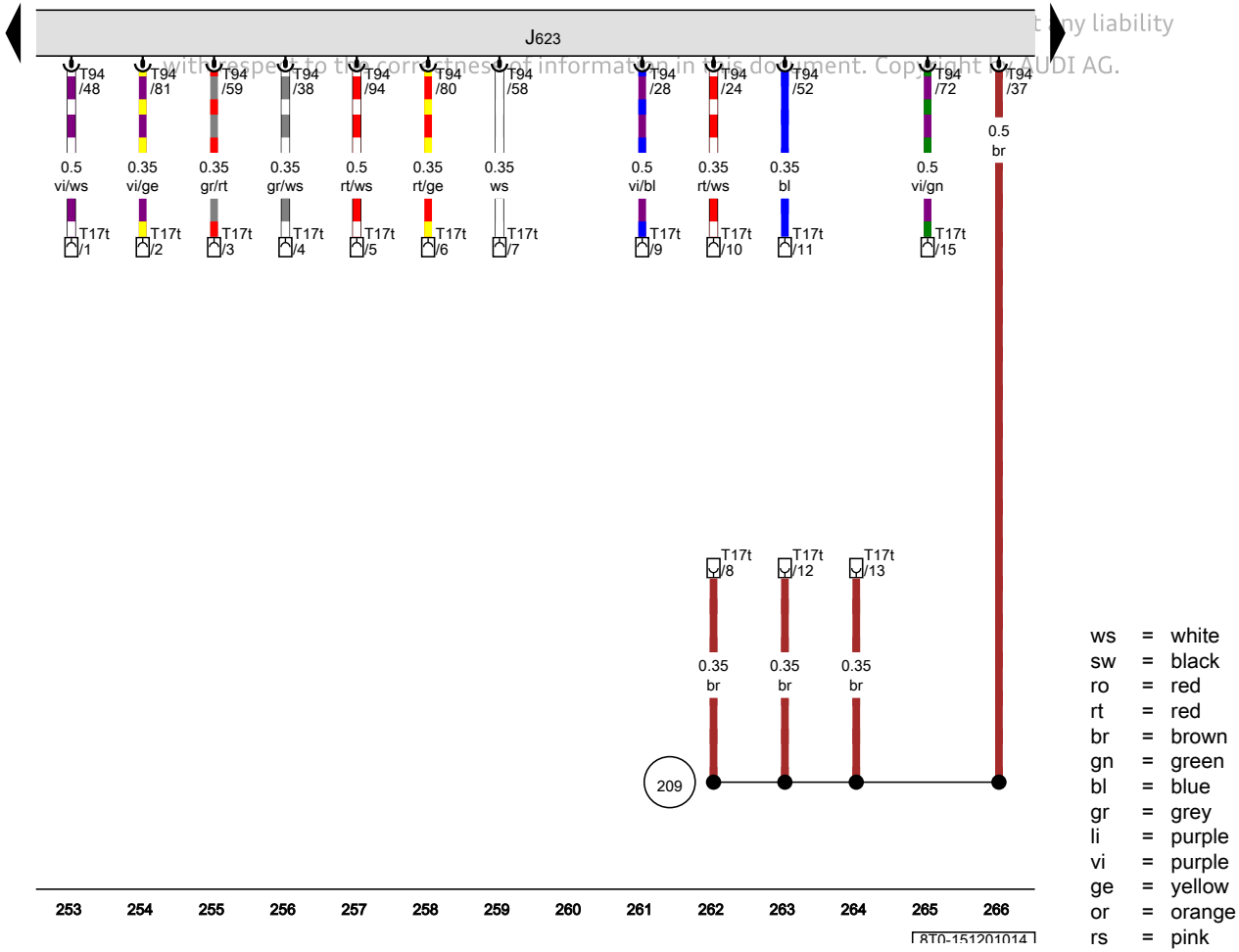
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Engine control unit

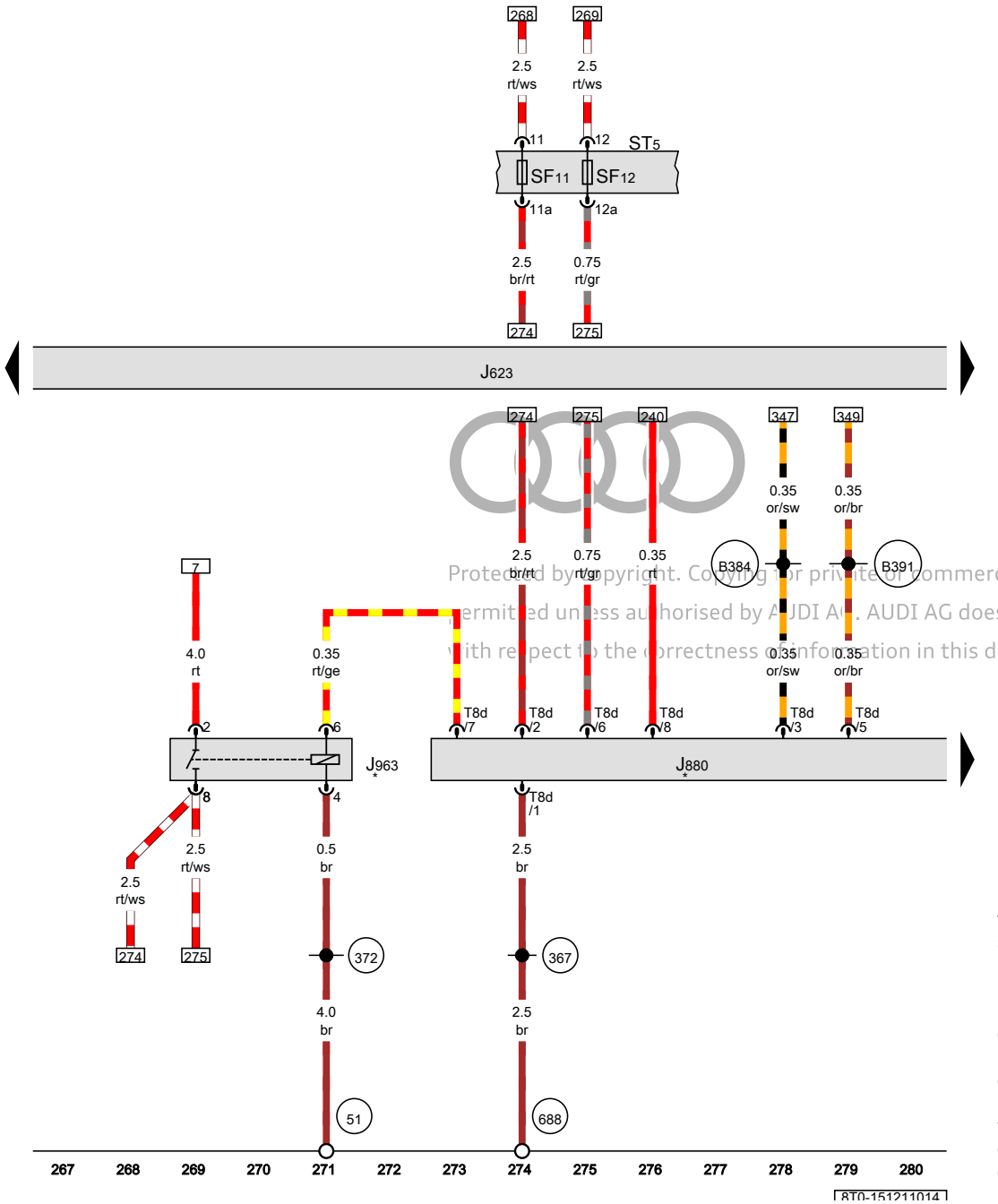
J623 Engine control unit
T17t 17-pin connector, brown
T94 94-pin connector

209 Earth connection 6, 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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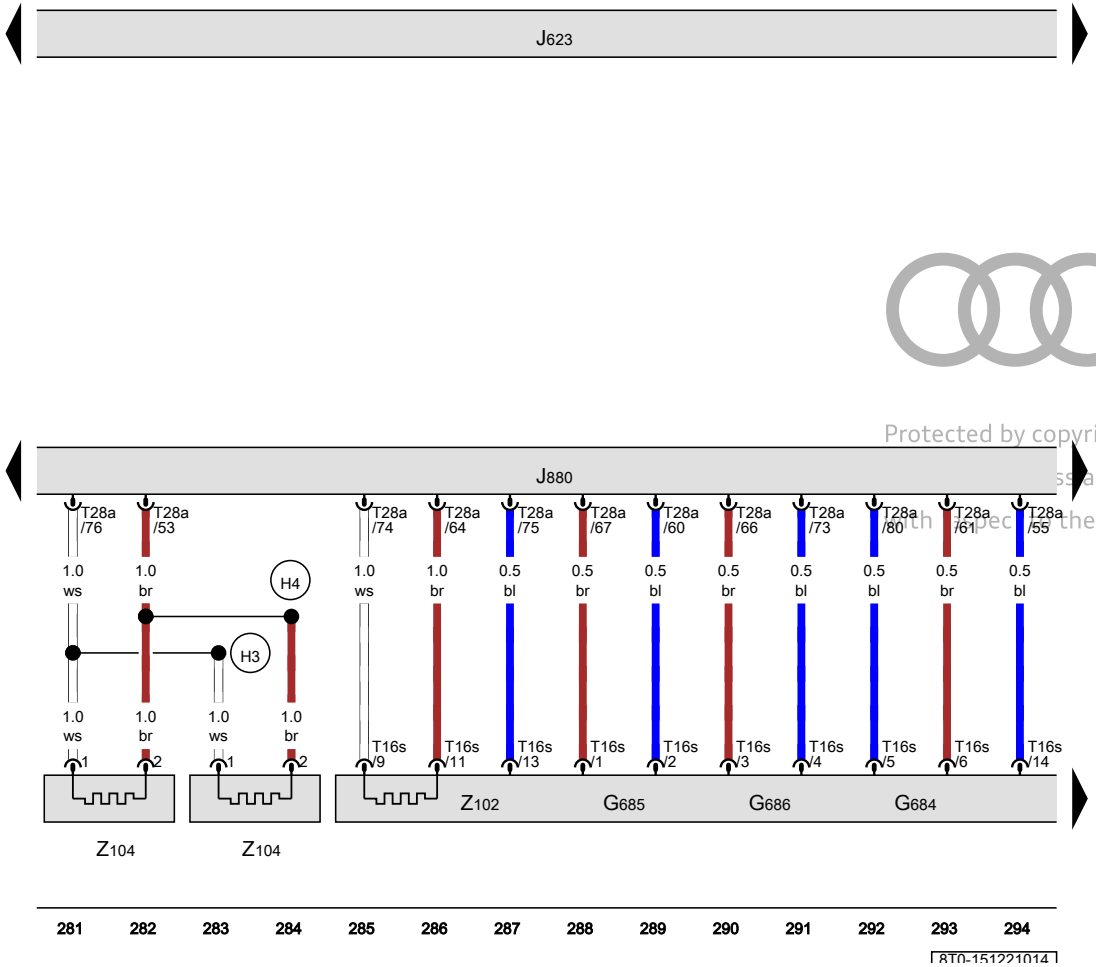
Engine control unit, Control unit for reducing agent metering system, Relay for reducing agent metering system

J623	Engine control unit
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST5	Fuse carrier 5
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T8d	8-pin connector
51	Earth point, on right in luggage compartment
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
688	Earth point 2, on centre tunnel
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 reducing agent metering 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

Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Engine control unit, 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
J623	Engine control unit
J880	Control unit for reducing agent metering system
T16s	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)
H3	Connection 1 in wiring harness for reducing-agent tank
H4	Connection 2 in wiring harness for reducing-agent tank



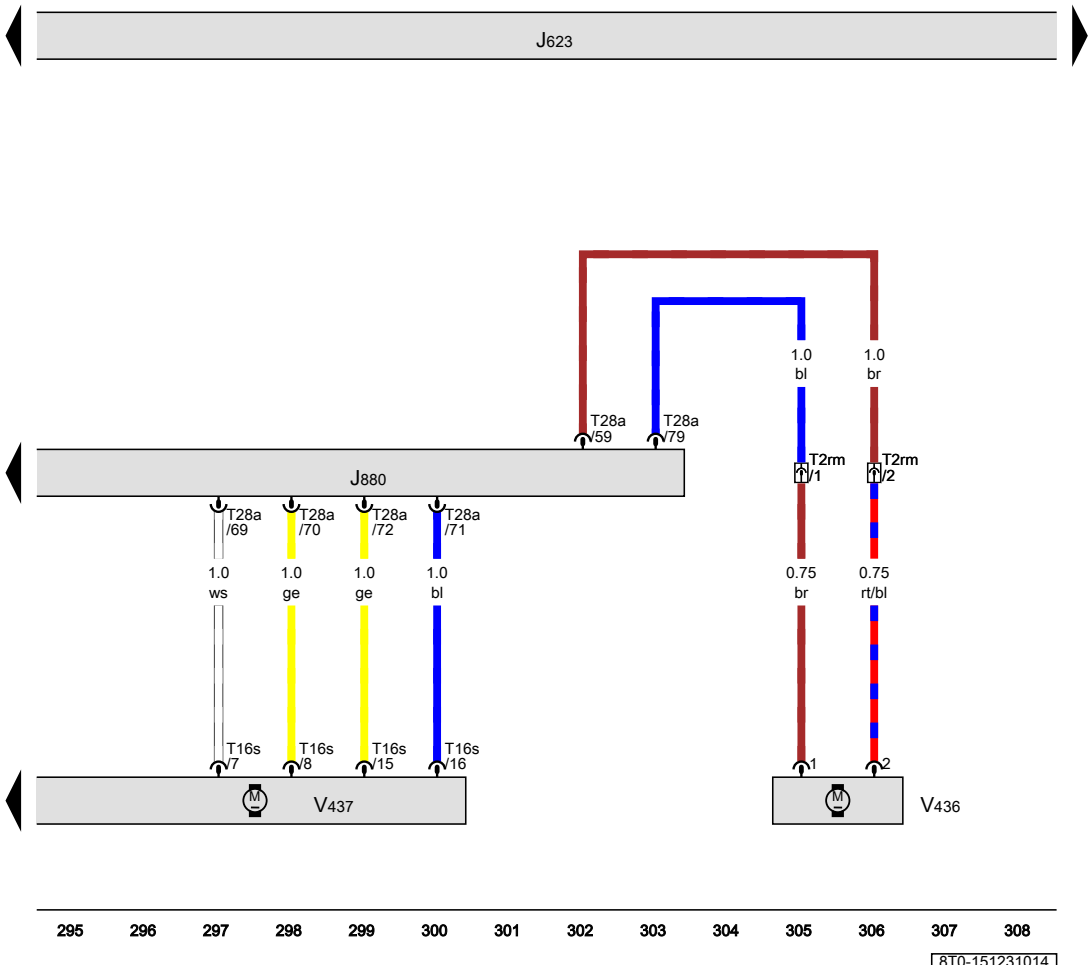
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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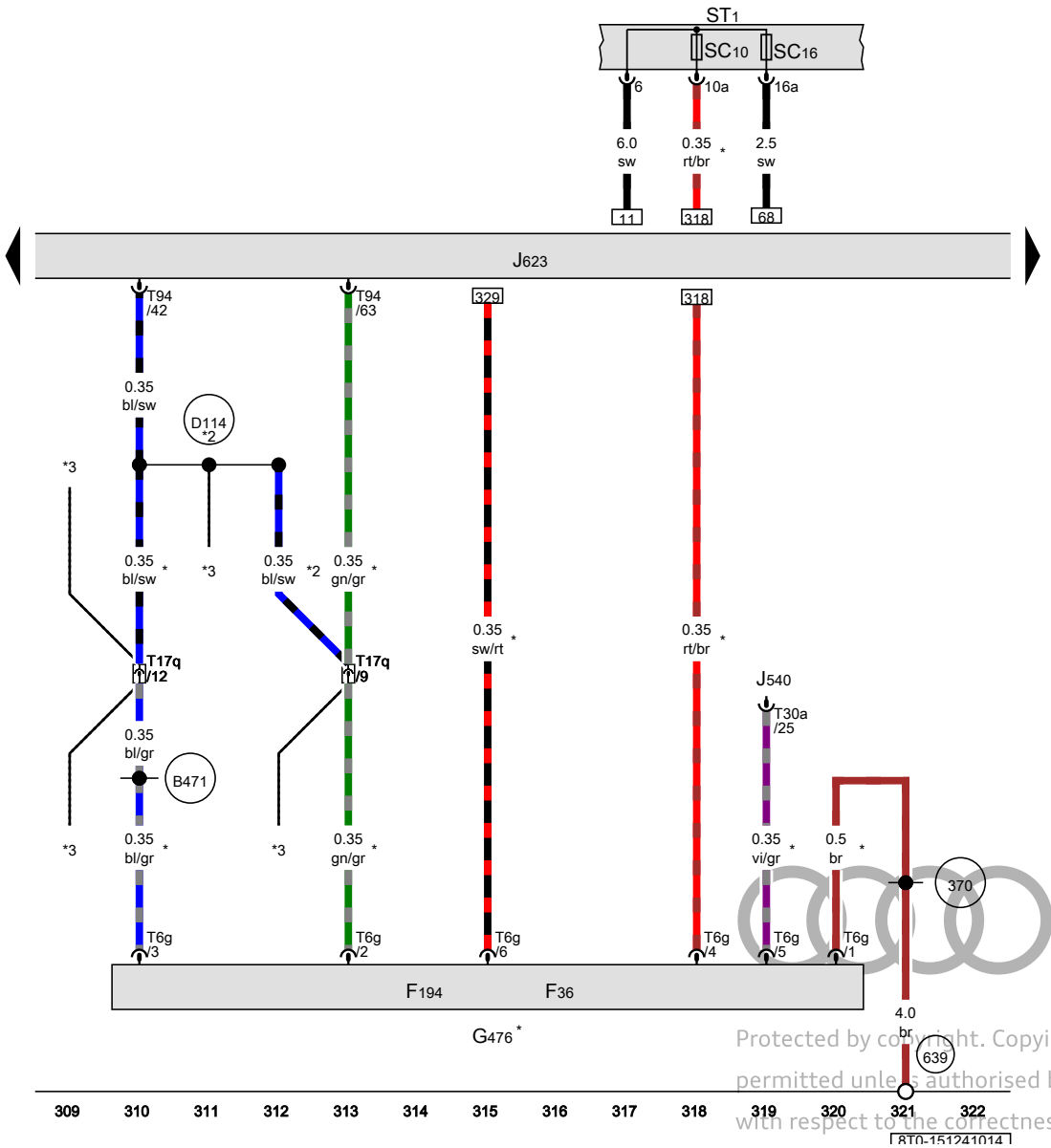
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Engine control unit, Control unit for reducing agent metering system, Transfer pump for reducing agent, Pump for reducing agent

J623	Engine control unit
J880	Control unit for reducing agent metering system
T2rm	2-pin connector, black
T16s	16-pin connector
T28a	28-pin connector
V436	Transfer pump for reducing agent
V437	Pump for reducing agent



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



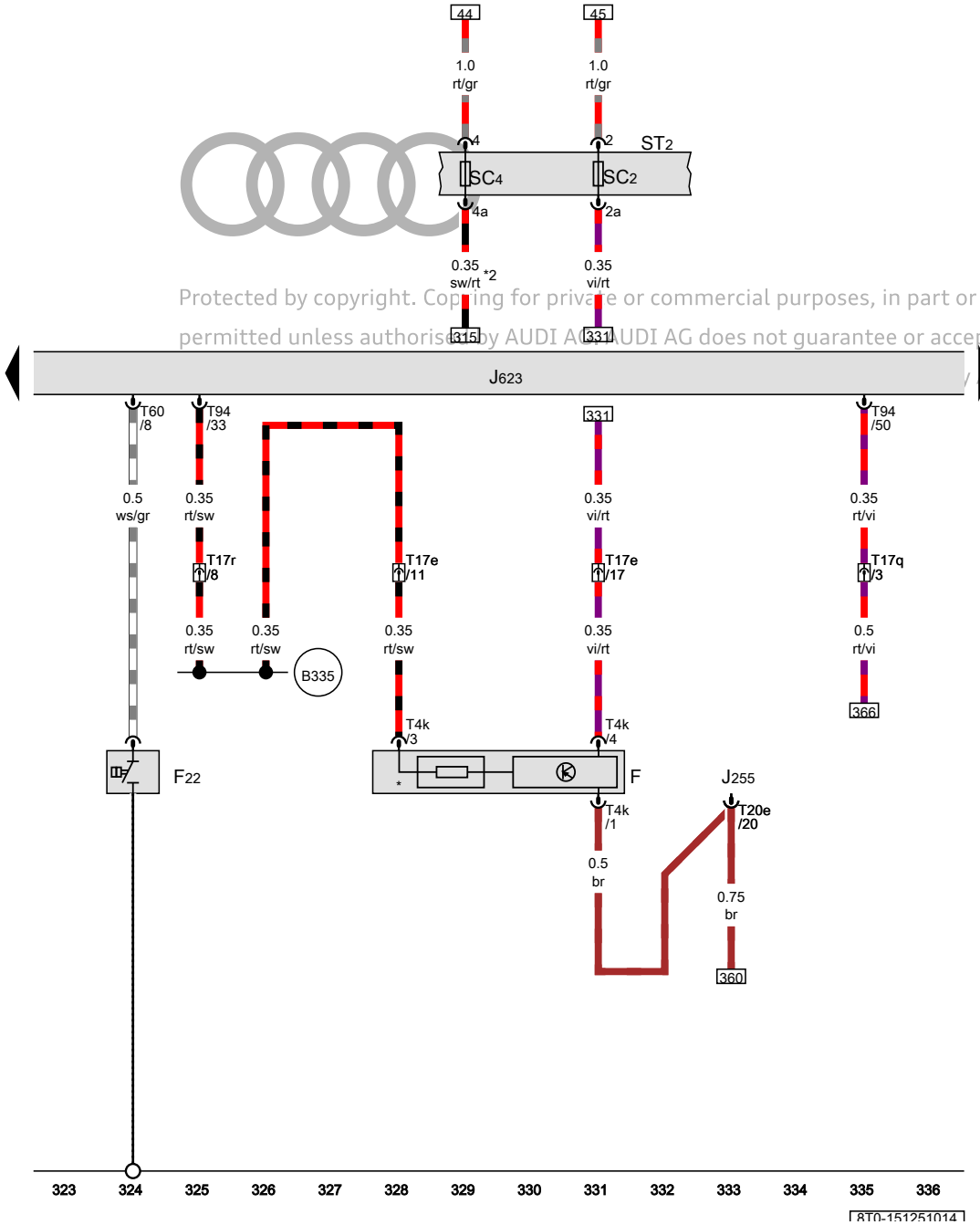
Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	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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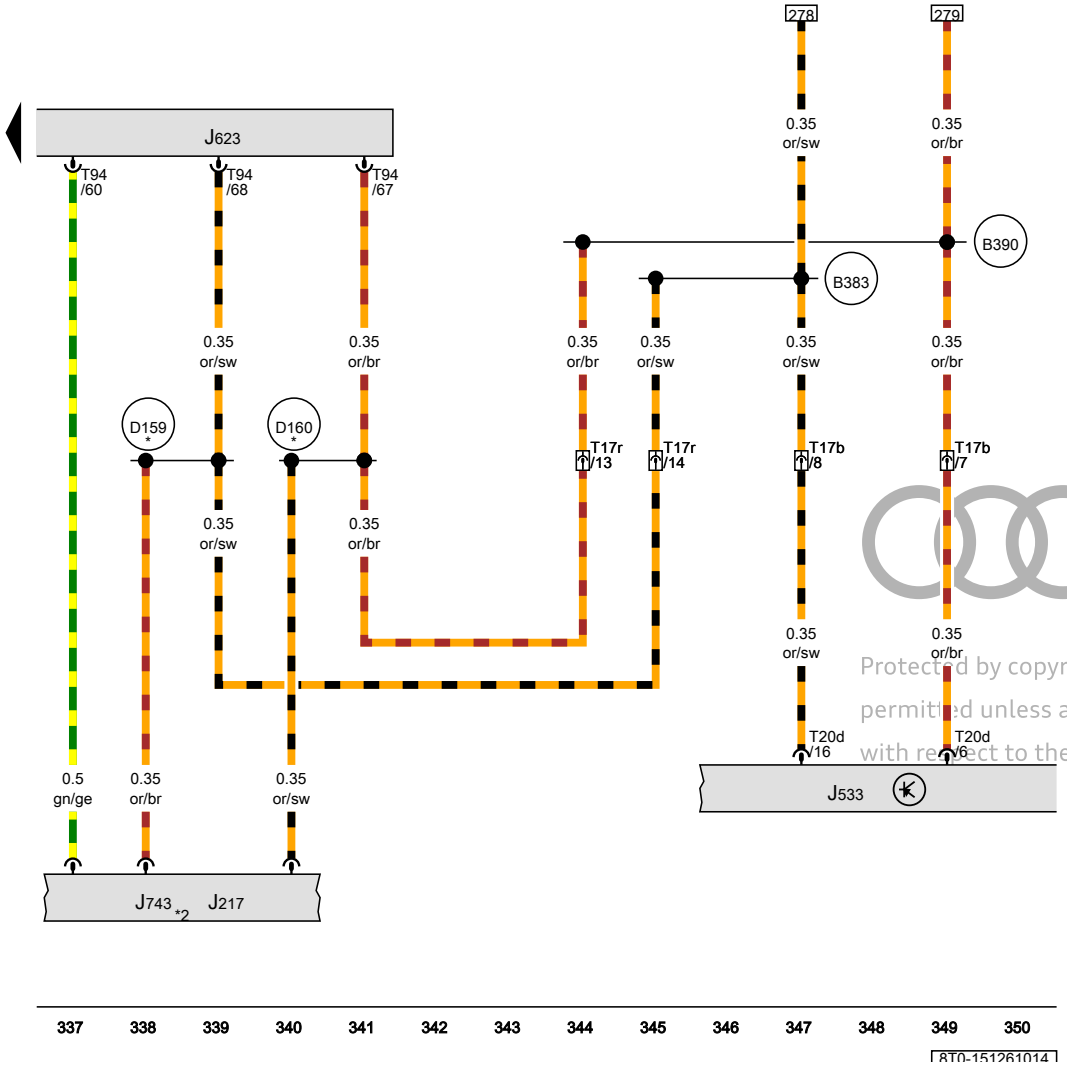
Brake light switch, Oil pressure switch, Engine control unit



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F	Brake light switch
F22	Oil pressure switch
J255	Climatronic control unit
J623	Engine control unit
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, black
T17r	17-pin connector, white
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with manual gearbox

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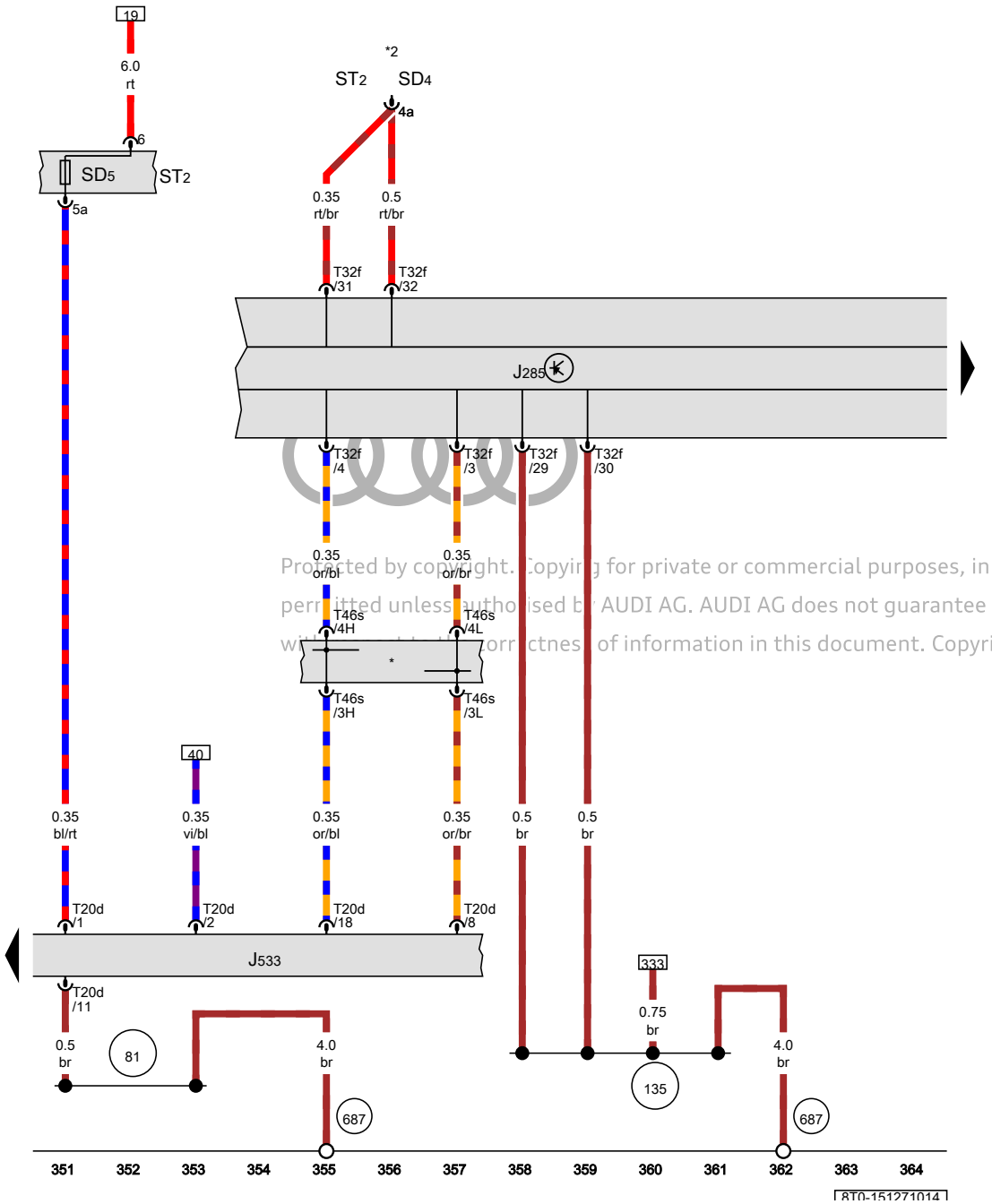


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Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*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
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ge	=	yellow
or	=	orange
rs	=	pink

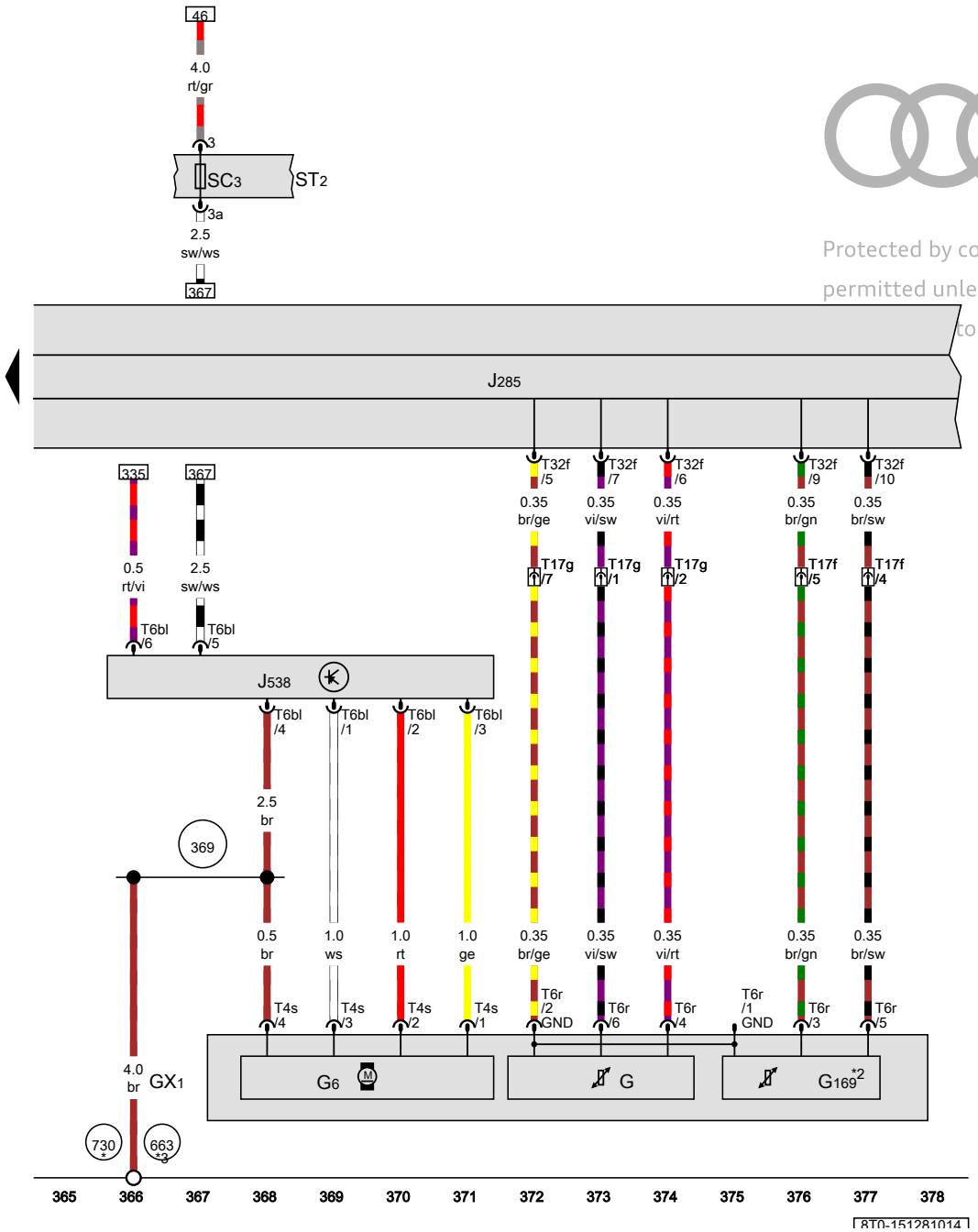


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*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
ge	=	yellow
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rs	=	pink



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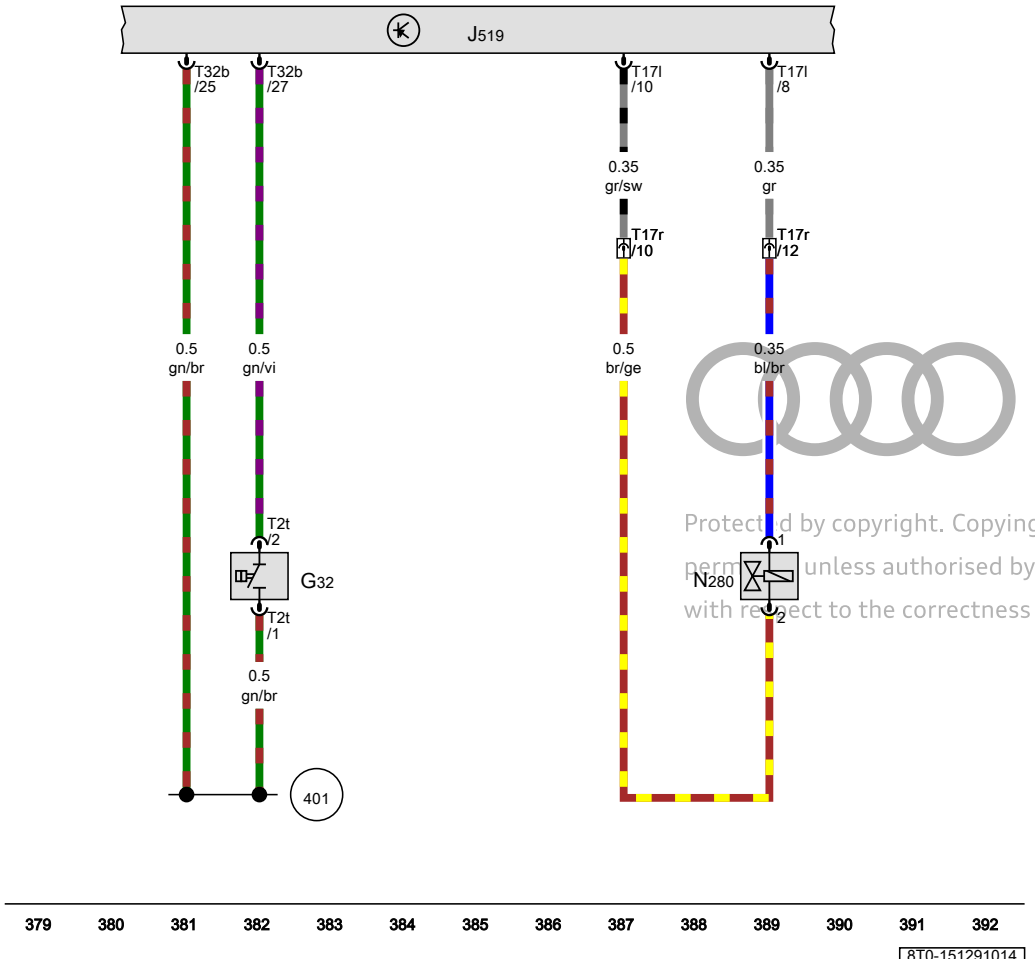
Fuel delivery unit, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with all-wheel drive
*3	Only models with 2-doors

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, Air conditioner compressor regulating valve

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



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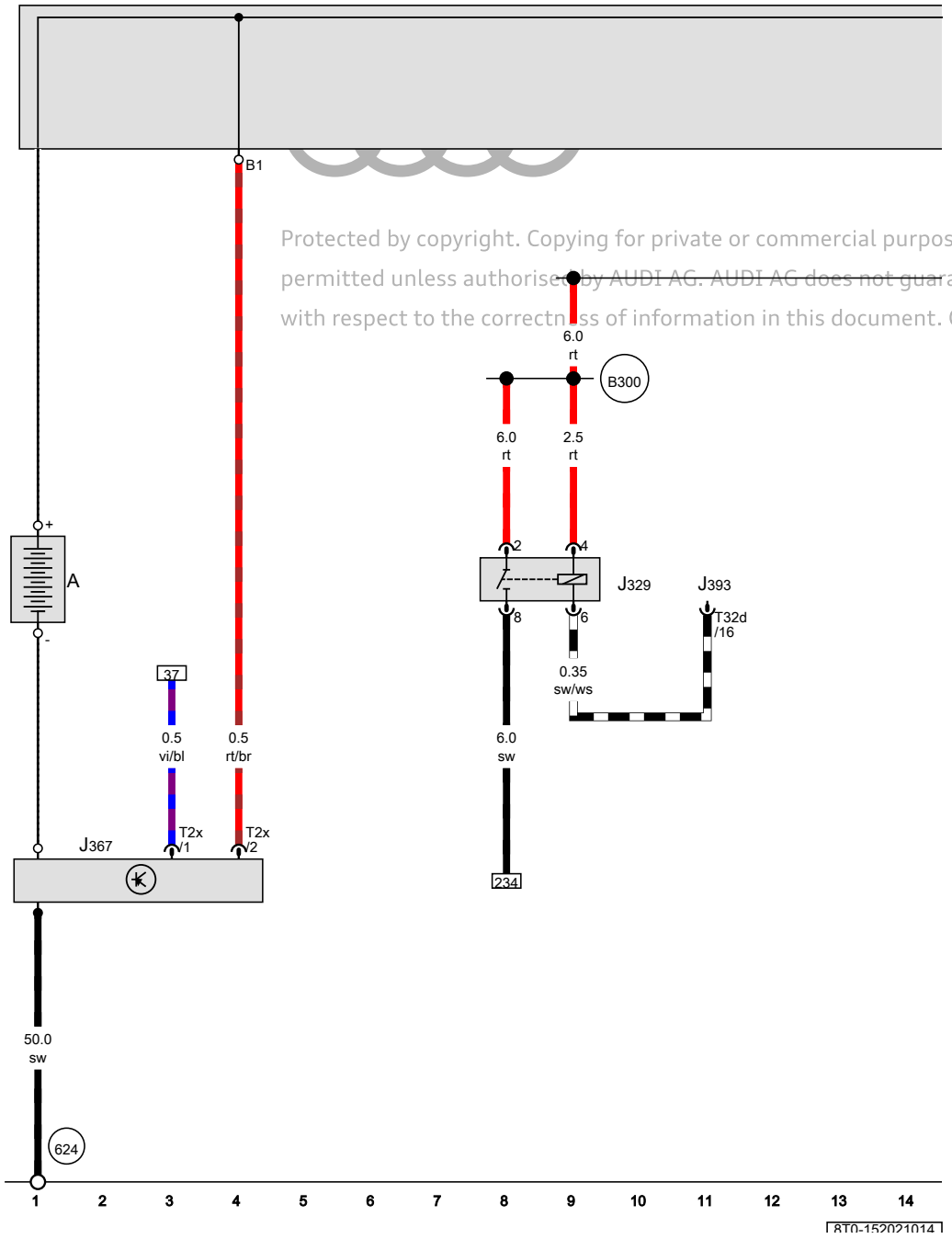
1.8l petrol engine , CDHA

From August 2011

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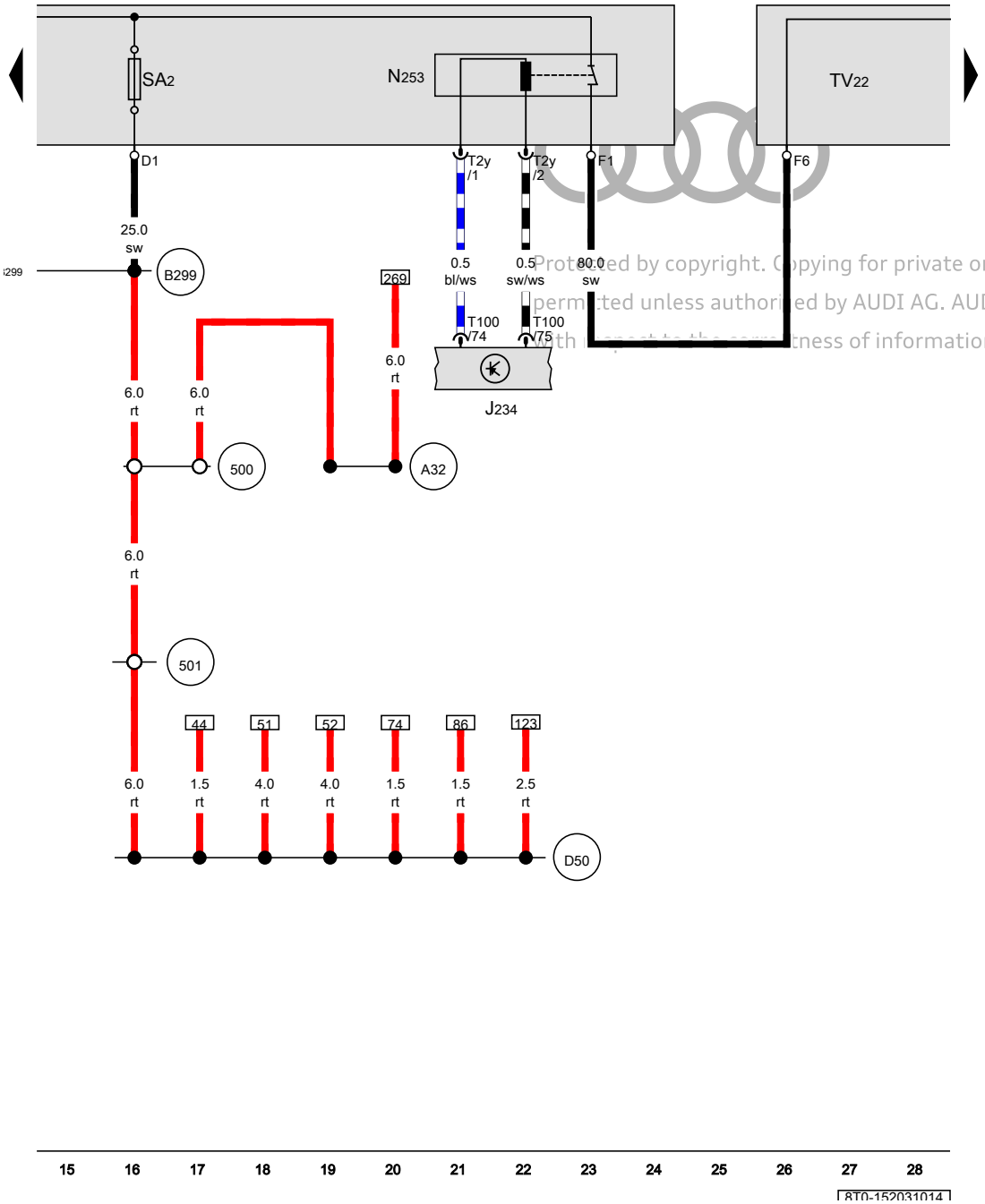
Battery, Terminal 15 voltage supply relay, Battery monitor control unit

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness



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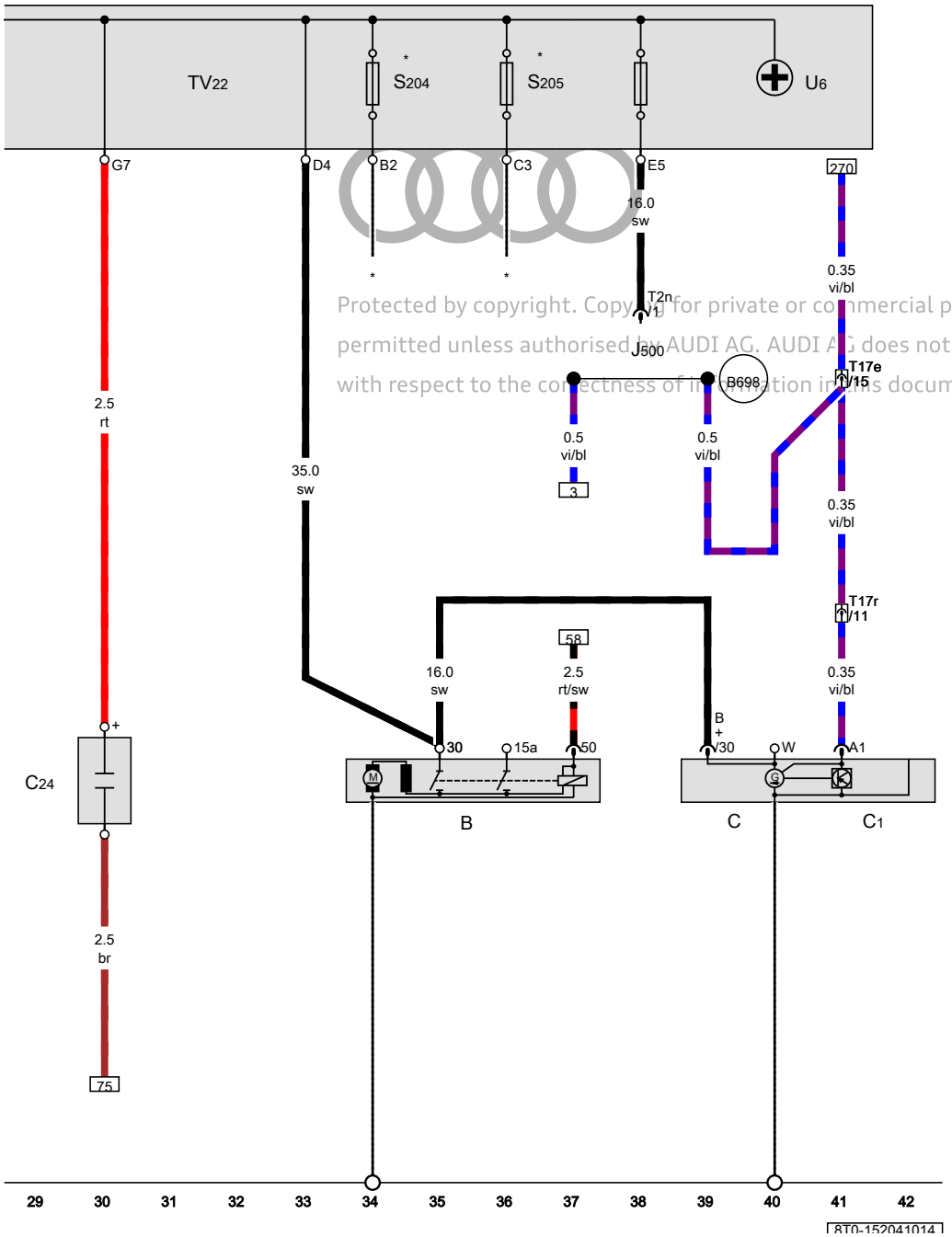


Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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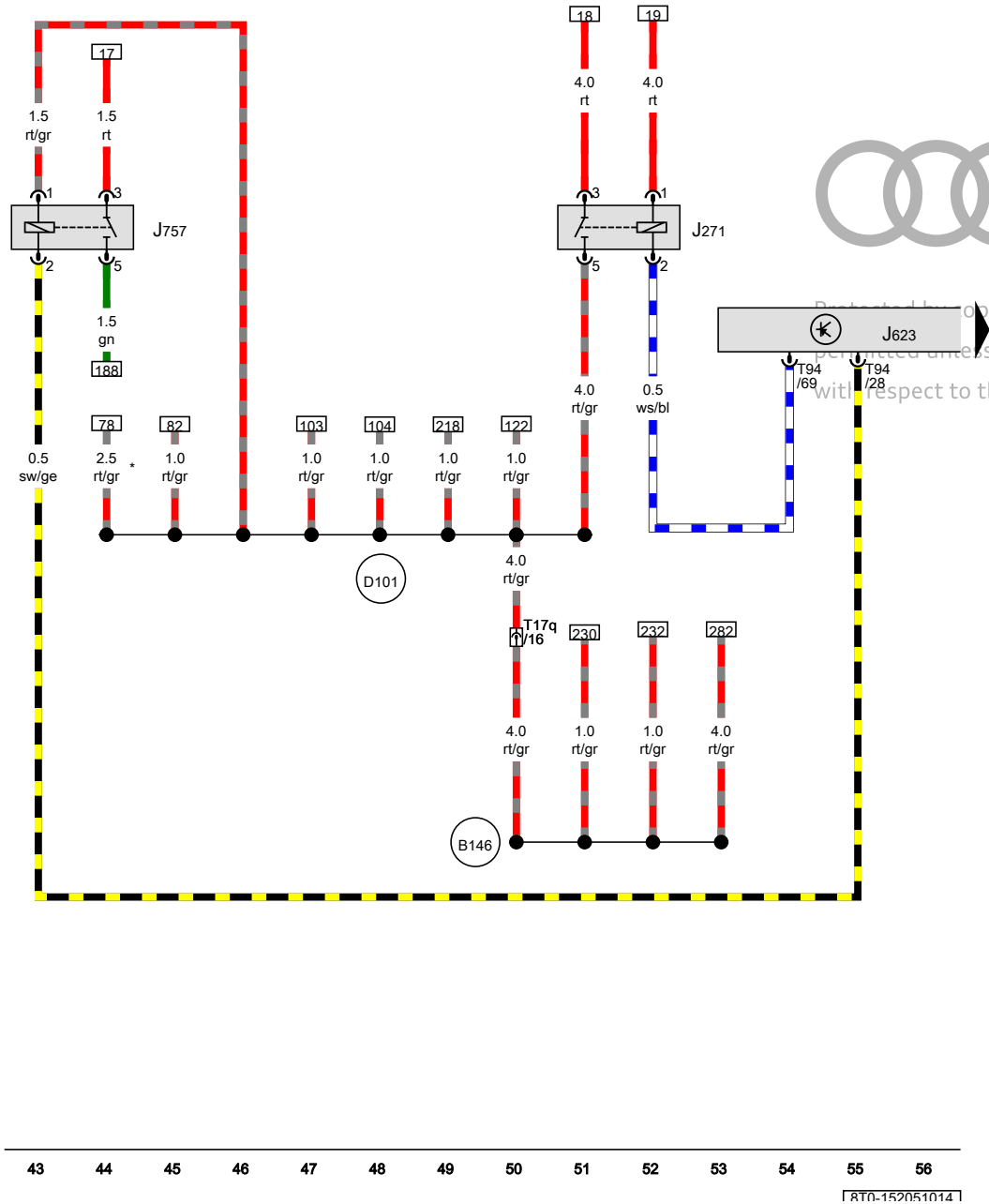
Starter, Alternator, Voltage regulator, Suppression filter, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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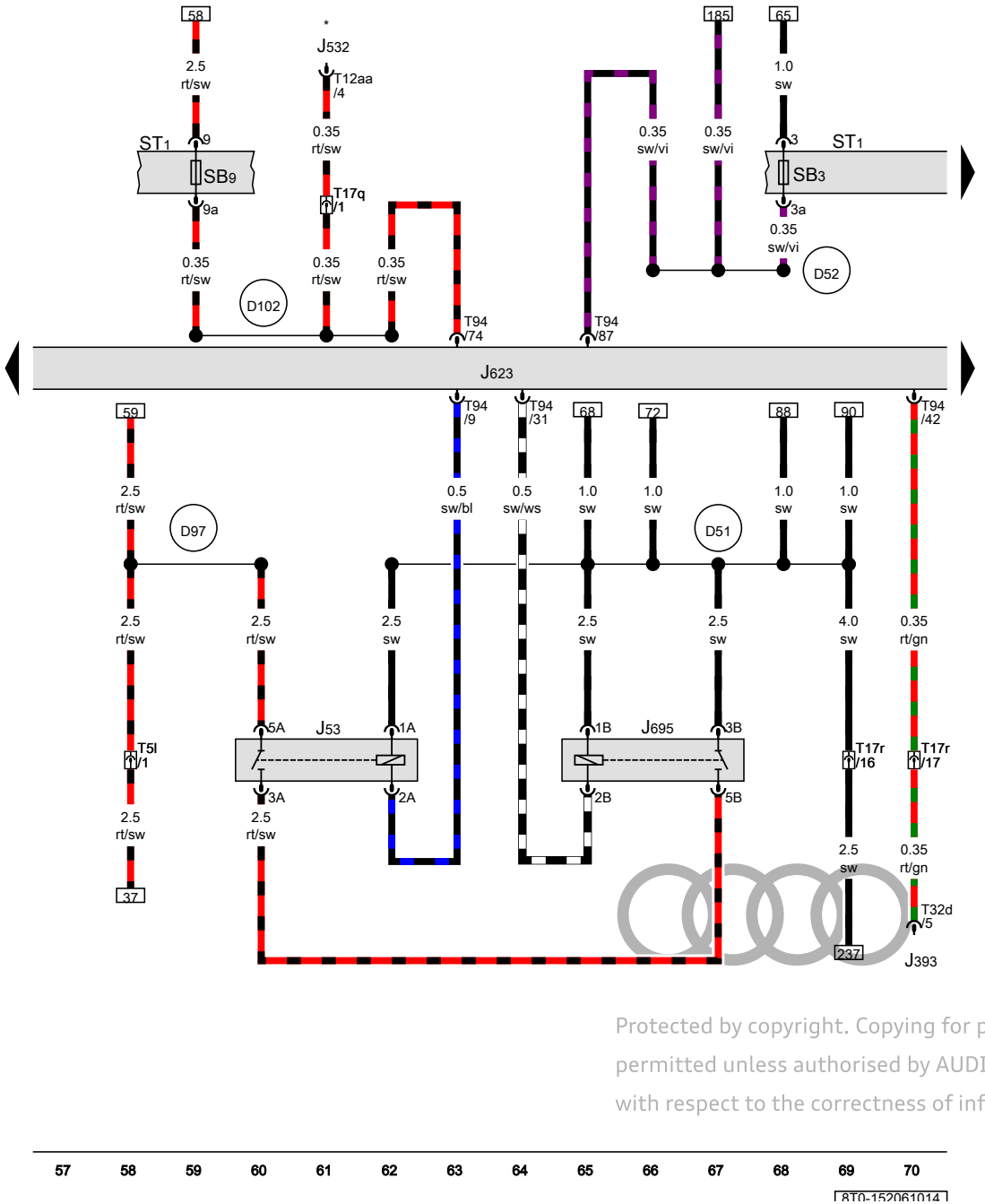
Main relay, Engine control unit, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T94	94-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Cross-section 1.5 possible



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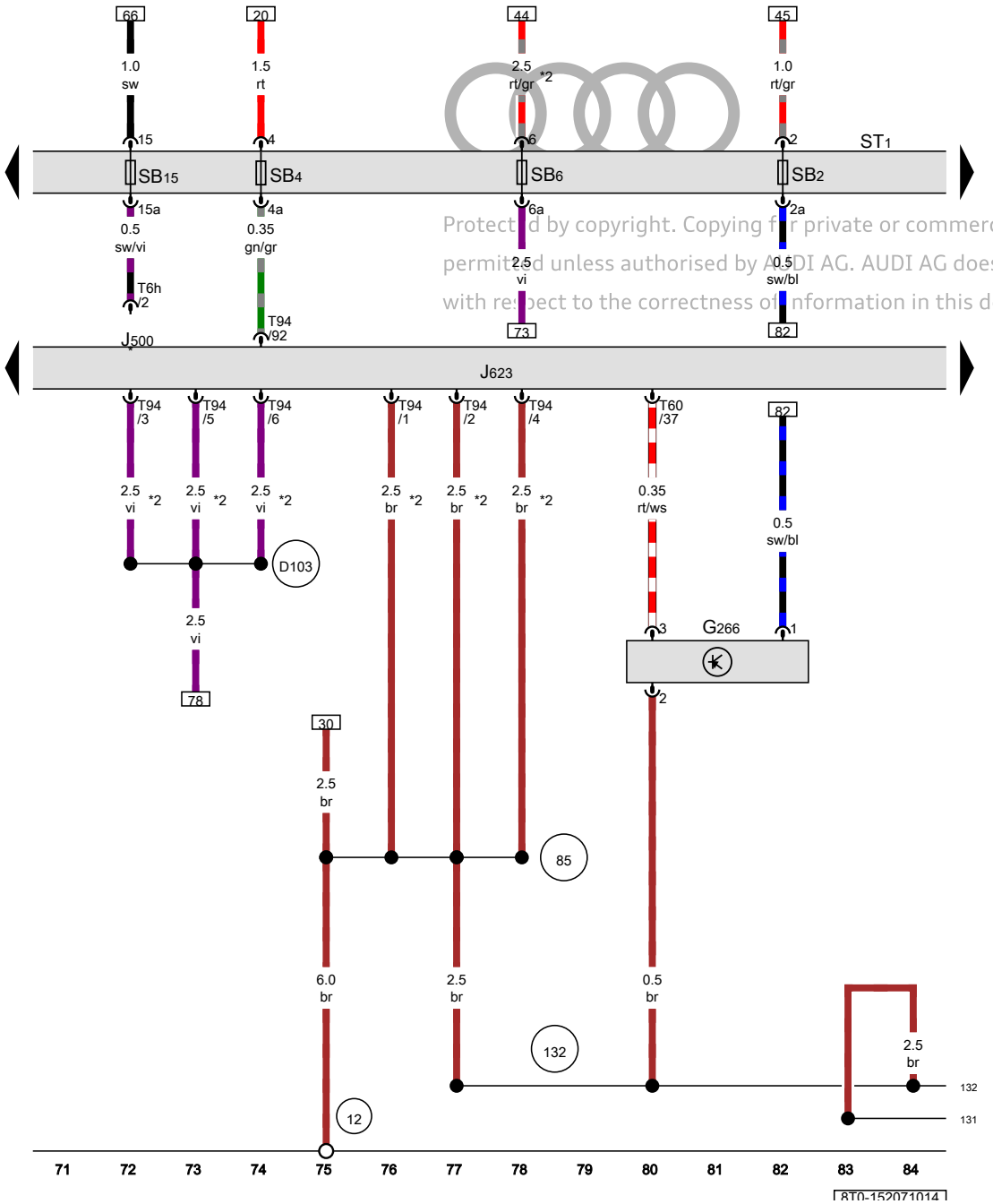


Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D102	Connection 2 in engine compartment wiring harness
*	See applicable current flow diagram for start/stop system

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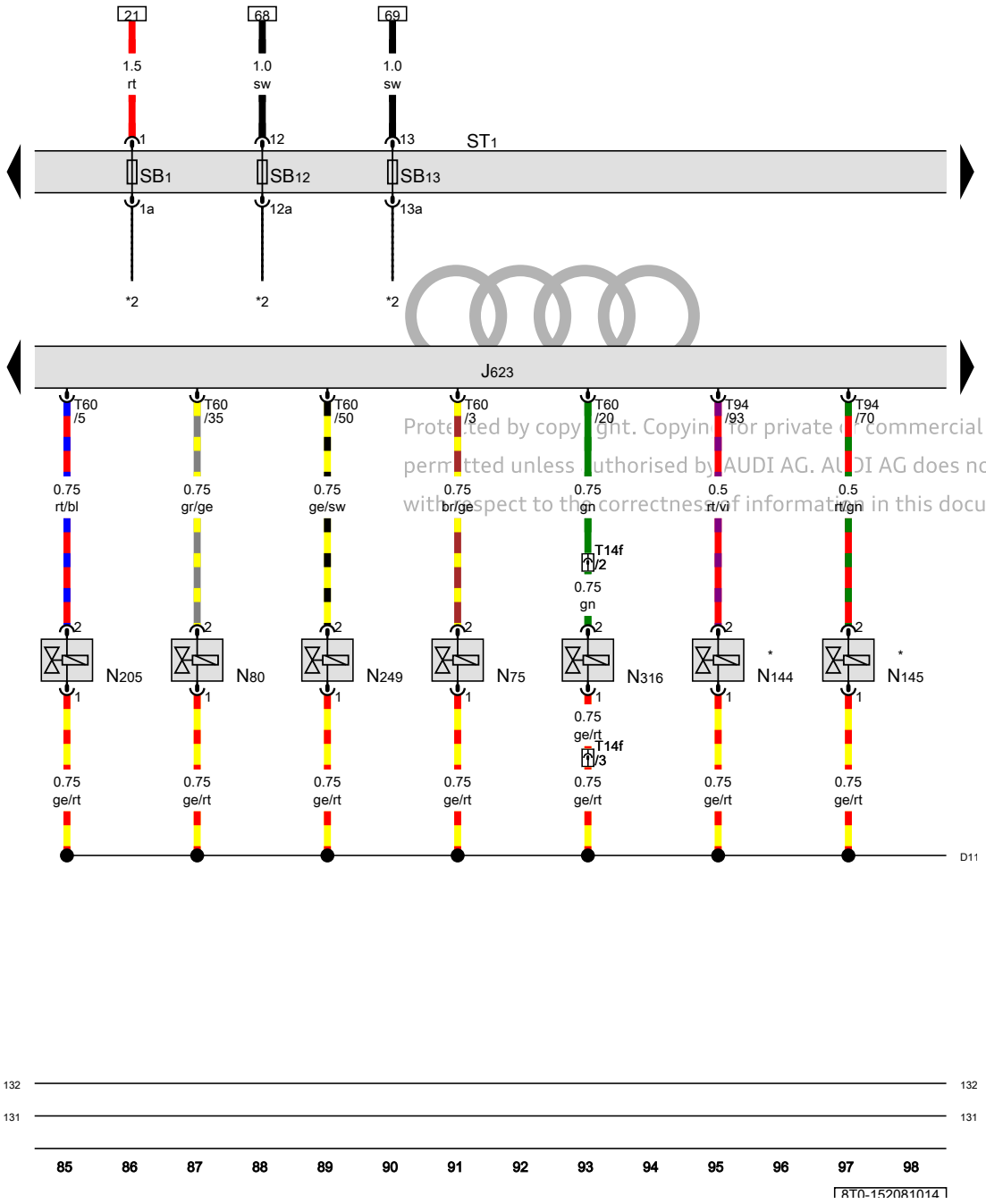


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Oil level and oil temperature sender, Engine control unit

G266	Oil level and oil temperature sender
J500	Power steering control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB15	Fuse 15 on fuse holder B
T6h	6-pin connector
T60	60-pin connector
T94	94-pin connector
12	Earth point, on left in engine compartment
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
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram
*2	Cross-section 1.5 possible

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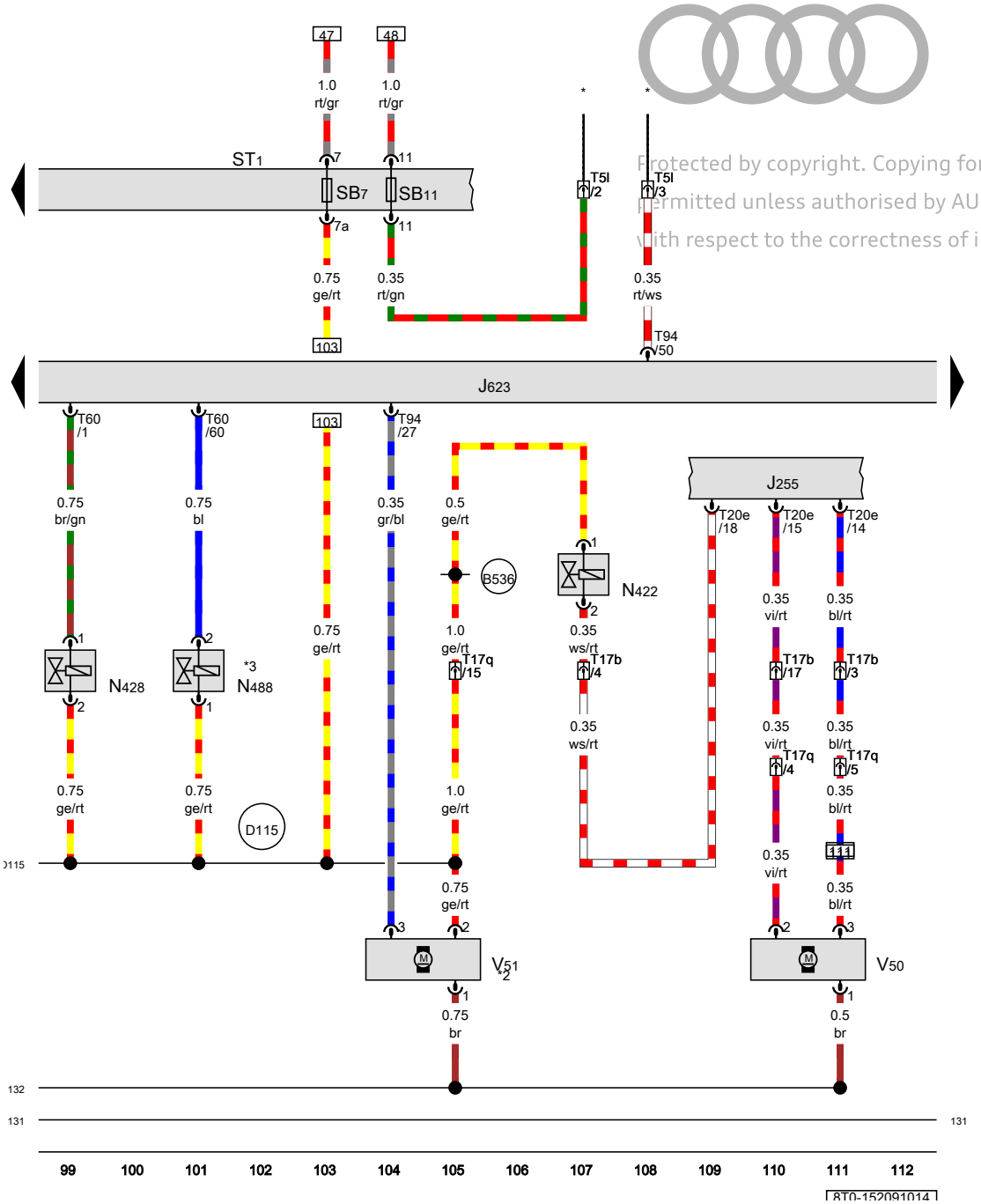


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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve

J623	Engine 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
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB12	Fuse 12 on fuse holder B
SB13	Fuse 13 on fuse holder B
T14f	14-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

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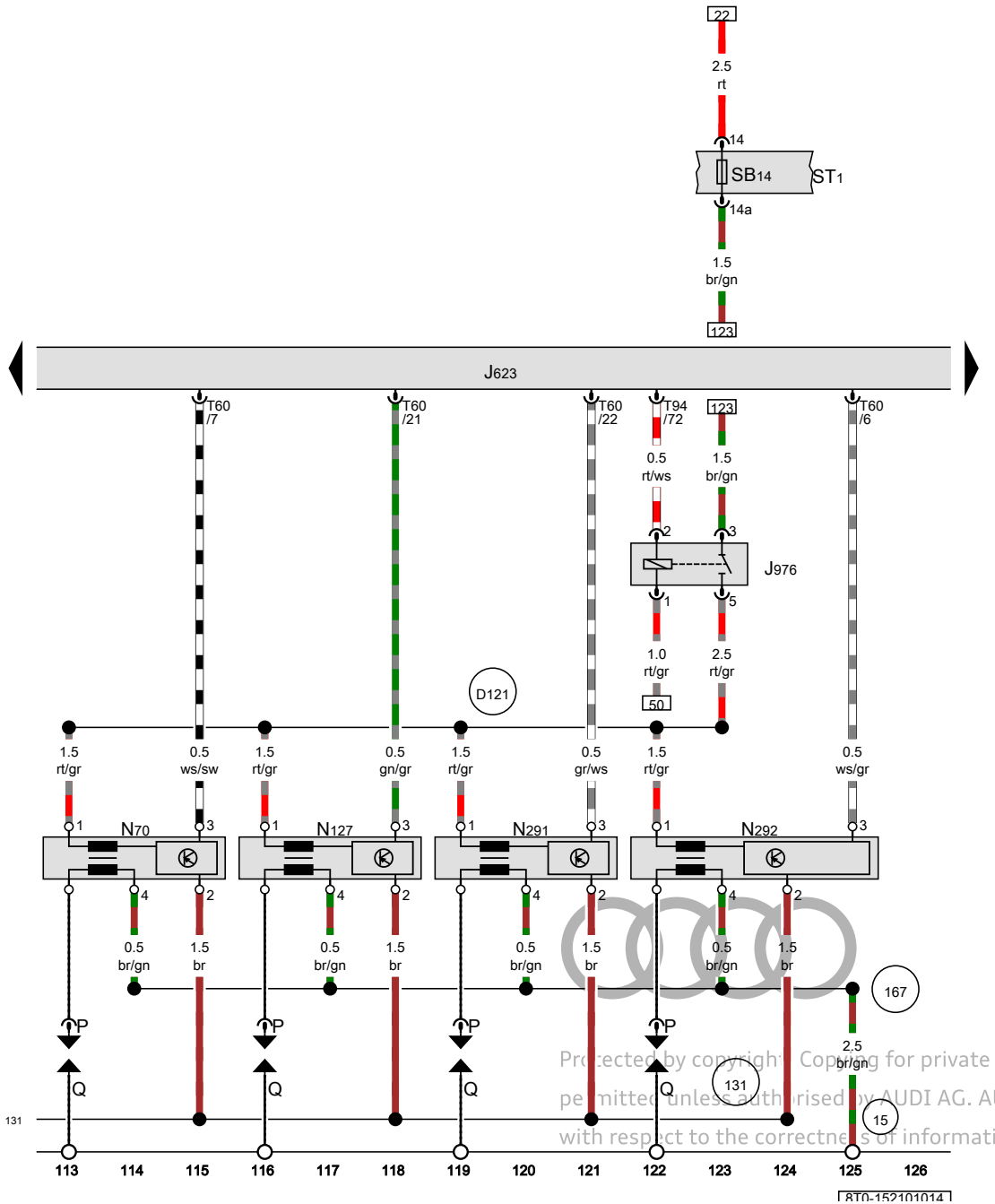


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Engine control unit, Climatronic coolant shut-off valve, Valve for oil pressure control, Coolant circulation pump, Continued coolant circulation pump

J255	Climatronic control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
N428	Valve for oil pressure control
N488	Coolant valve for gearbox
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB11	Fuse 11 on fuse holder B
T5l	5-pin connector, in engine compartment
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T60	60-pin connector
T94	94-pin connector
V50	Coolant circulation pump
V51	Continued coolant circulation pump
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
B536	Connection 27, in main wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	Special equipment
*3	Only models with manual gearbox

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Engine control unit, Engine component current supply relay 2, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

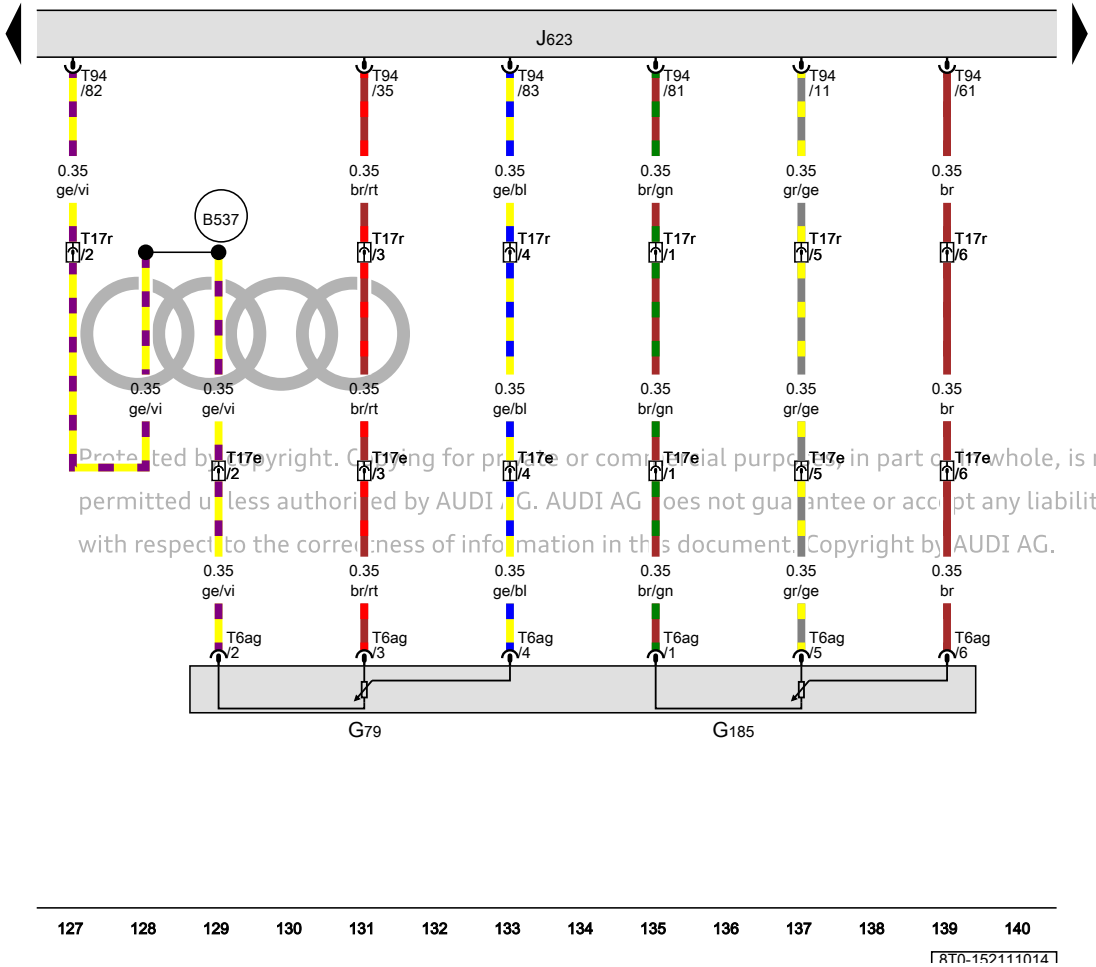
J623	Engine control unit
J976	Engine component current supply relay 2
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T60	60-pin connector
T94	94-pin connector
15	Earth point, on cylinder head
131	Earth connection 2, in engine compartment wiring harness
167	Earth connection 4, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector
B537	Connection 28, in main wiring harness

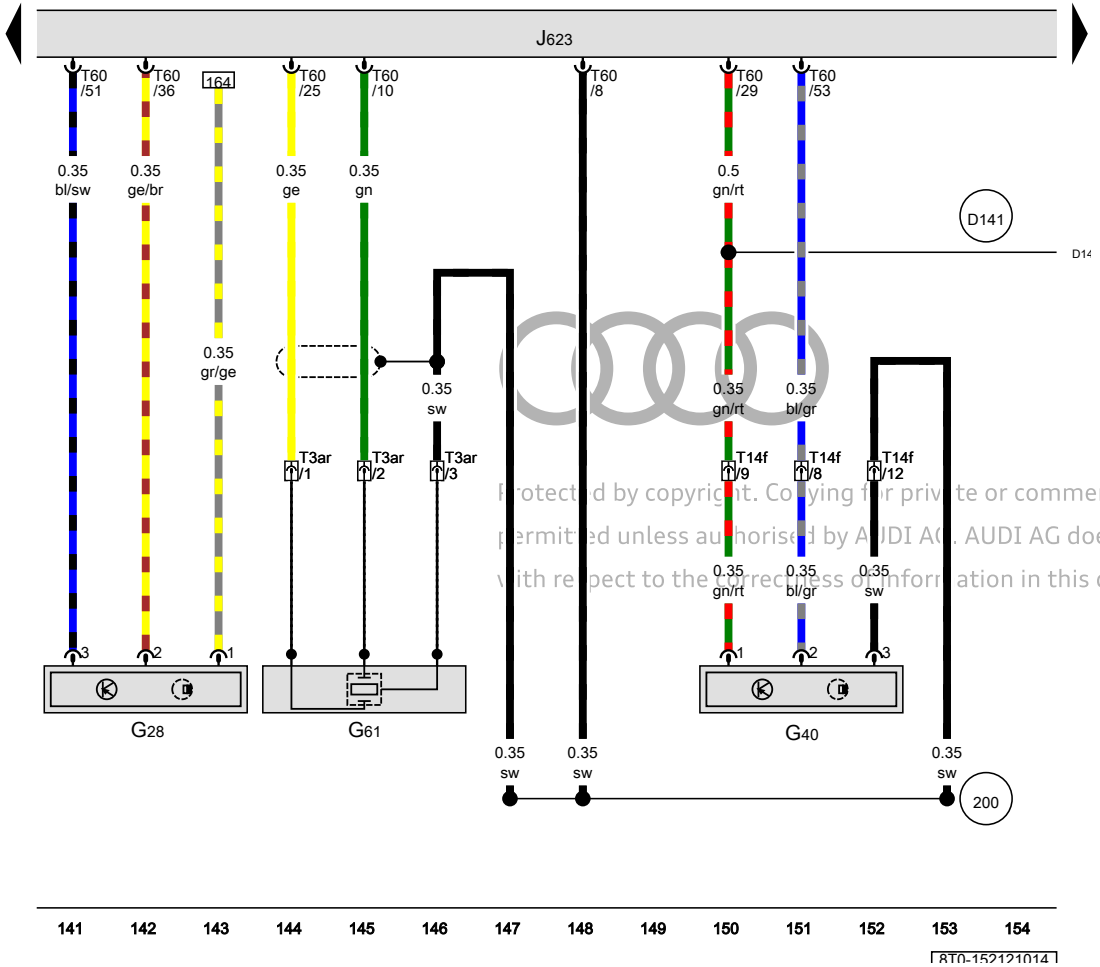


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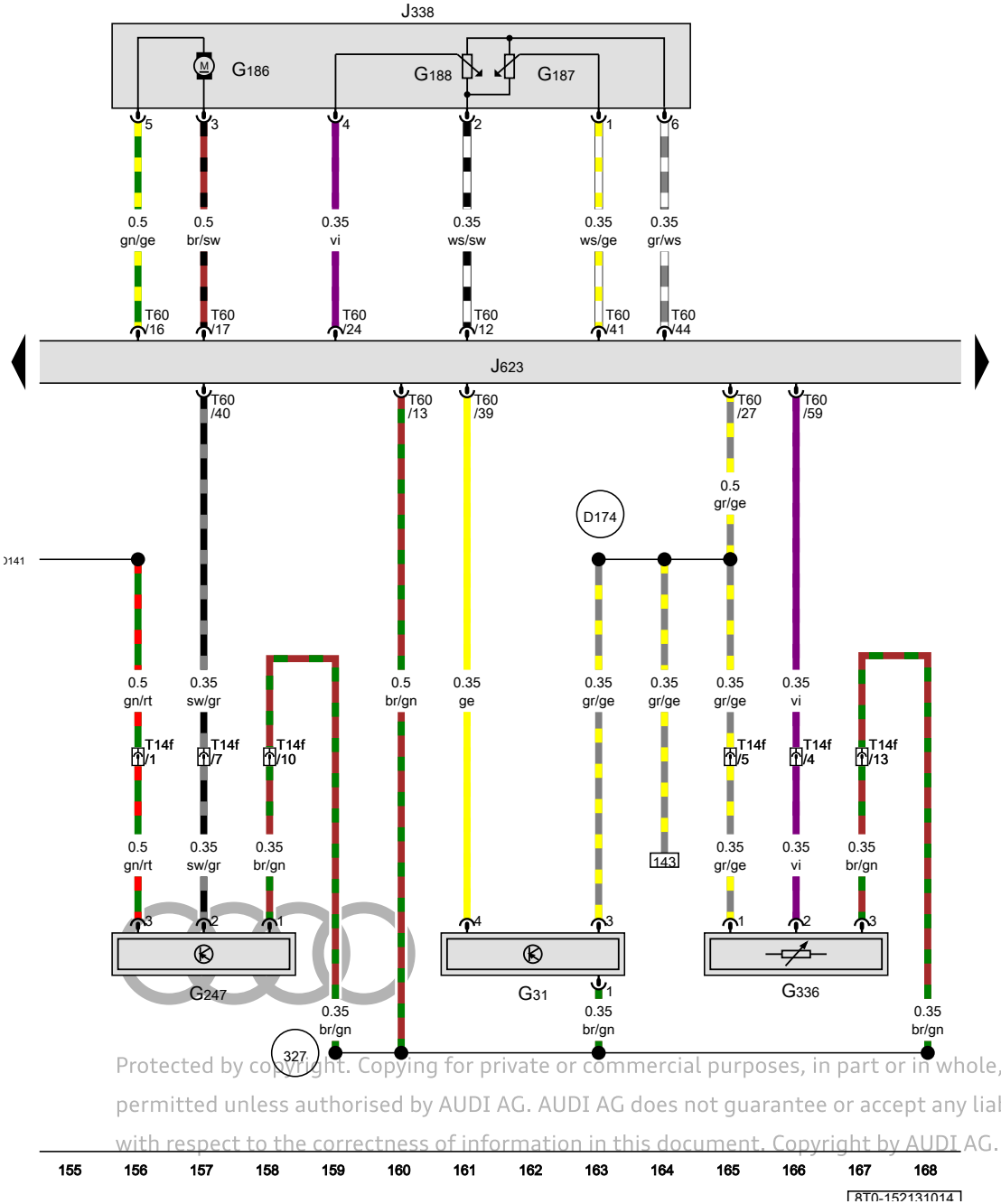
Engine speed sender, Hall sender, Knock sensor 1, Engine control unit

G28	Engine speed sender
G40	Hall sender
G61	Knock sensor 1
J623	Engine control unit
T3ar	3-pin connector, green
T14f	14-pin connector, in engine compartment
T60	60-pin connector
200	Earth connection (screening), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness



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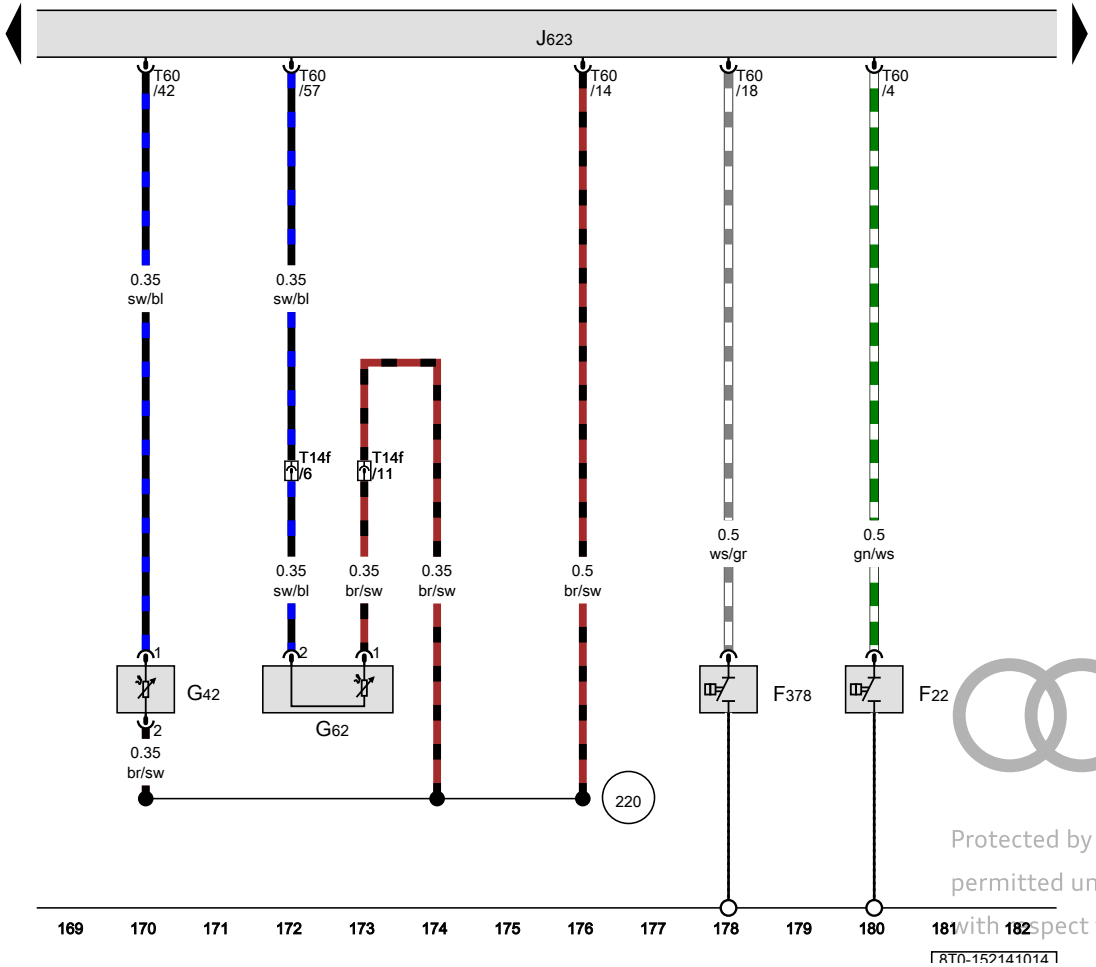
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Charge pressure sender, Fuel pressure sender, Intake manifold flap potentiometer, Throttle valve module, Engine control unit

G31	Charge pressure 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
G247	Fuel pressure sender
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-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

Oil pressure switch, Oil pressure switch for reduced oil pressure, Intake air temperature sender, Coolant temperature sender, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G42	Intake air temperature sender
G62	Coolant temperature sender
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T60	60-pin connector
220	Earth connection (sender earth), in engine wiring harness

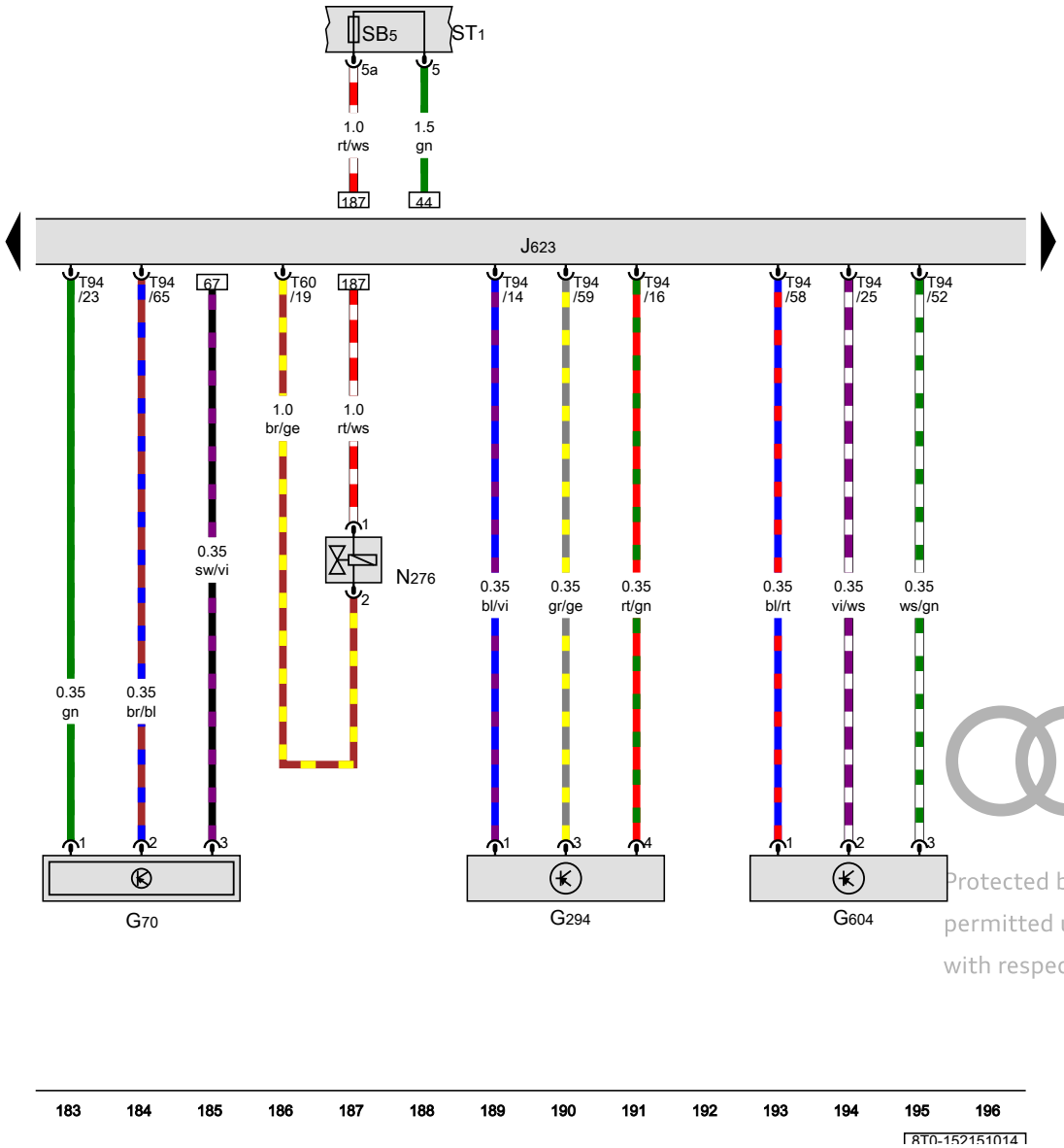


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Air mass meter, Brake servo pressure sensor, Gear detection sensor, Engine control unit, Fuel pressure regulating valve

G70	Air mass meter
G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine control unit
N276	Fuel pressure regulating valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
T60	60-pin connector
T94	94-pin connector



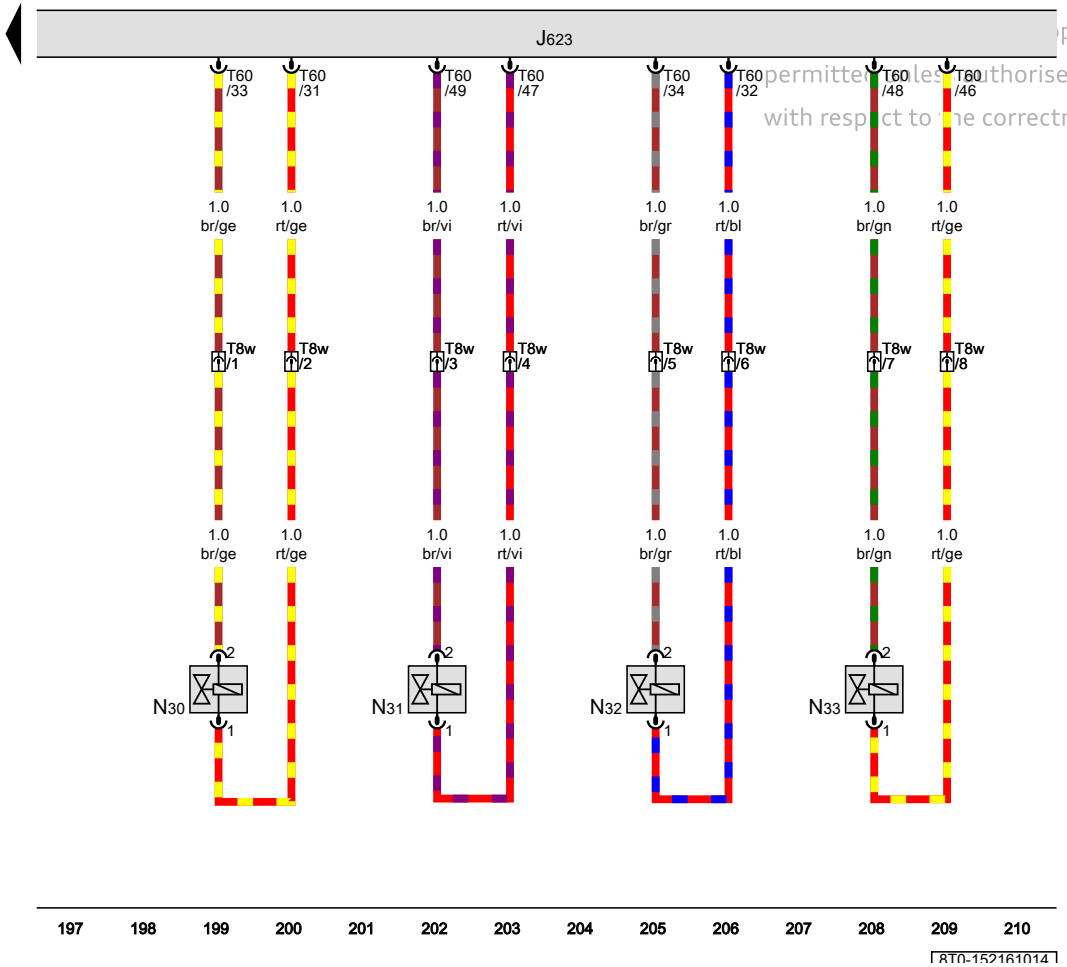
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T60	60-pin connector

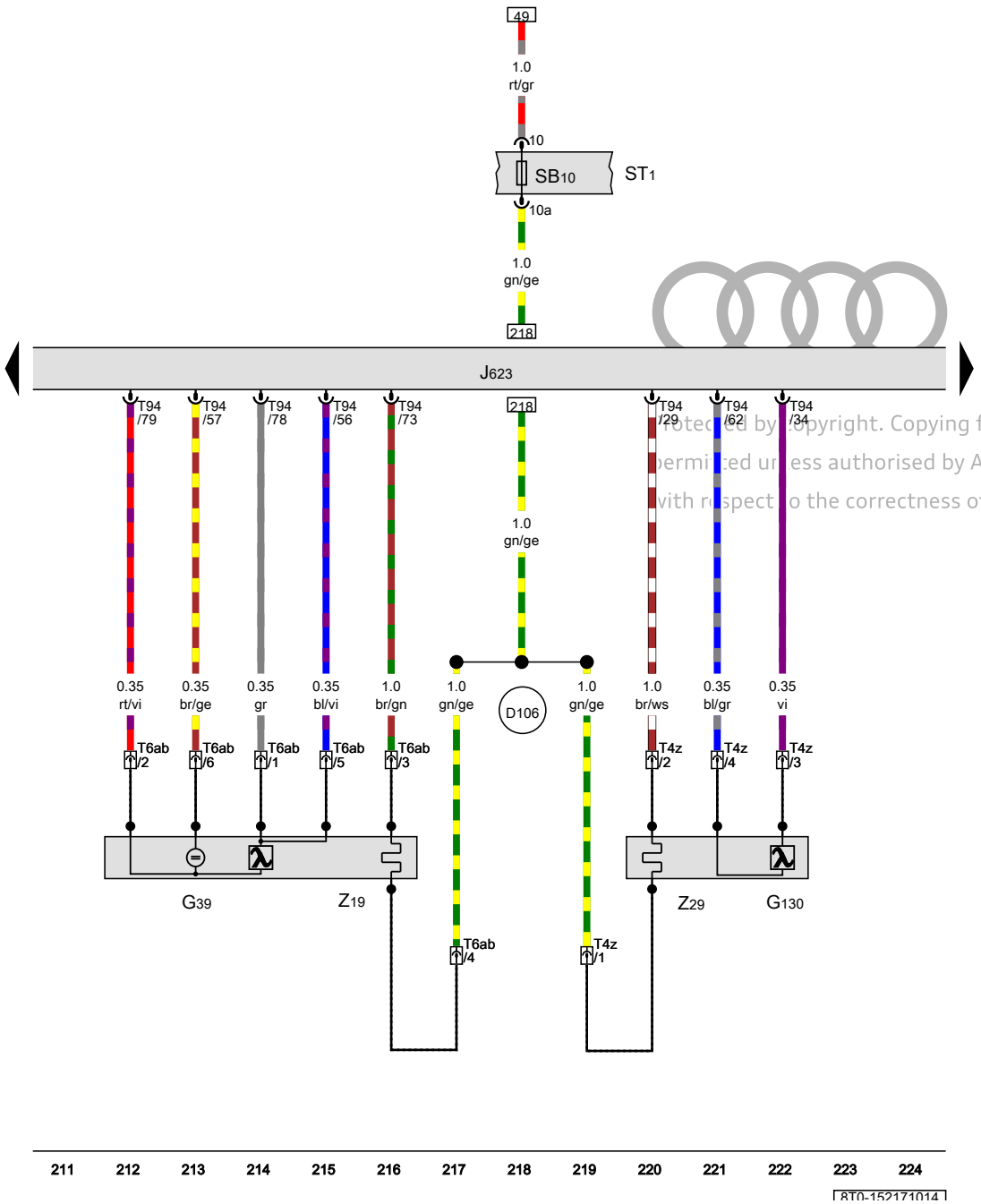
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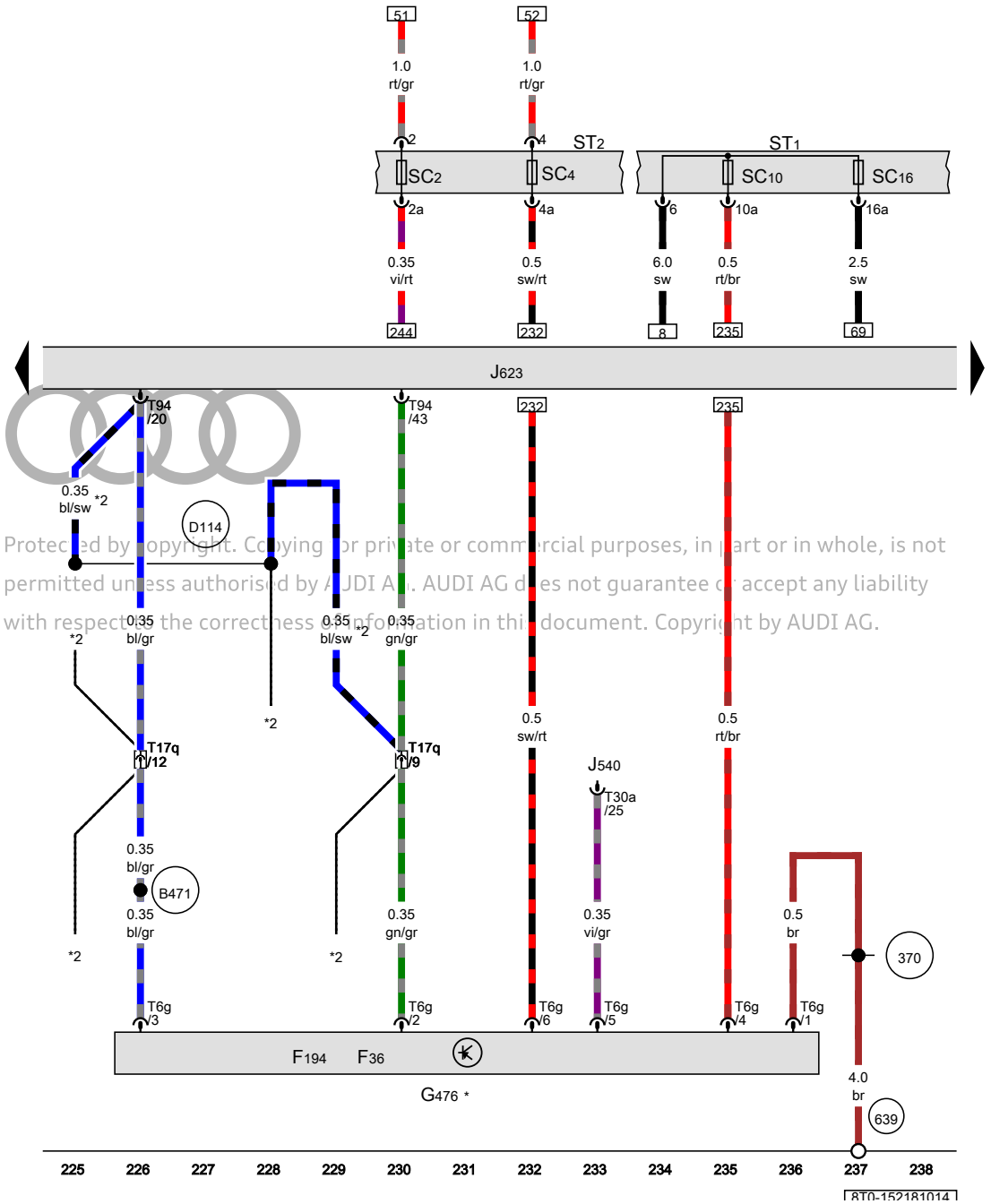
Lambda probe, Lambda probe after catalytic converter, Engine control unit

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4z	4-pin connector, brown
T6ab	6-pin connector, black
T94	94-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness



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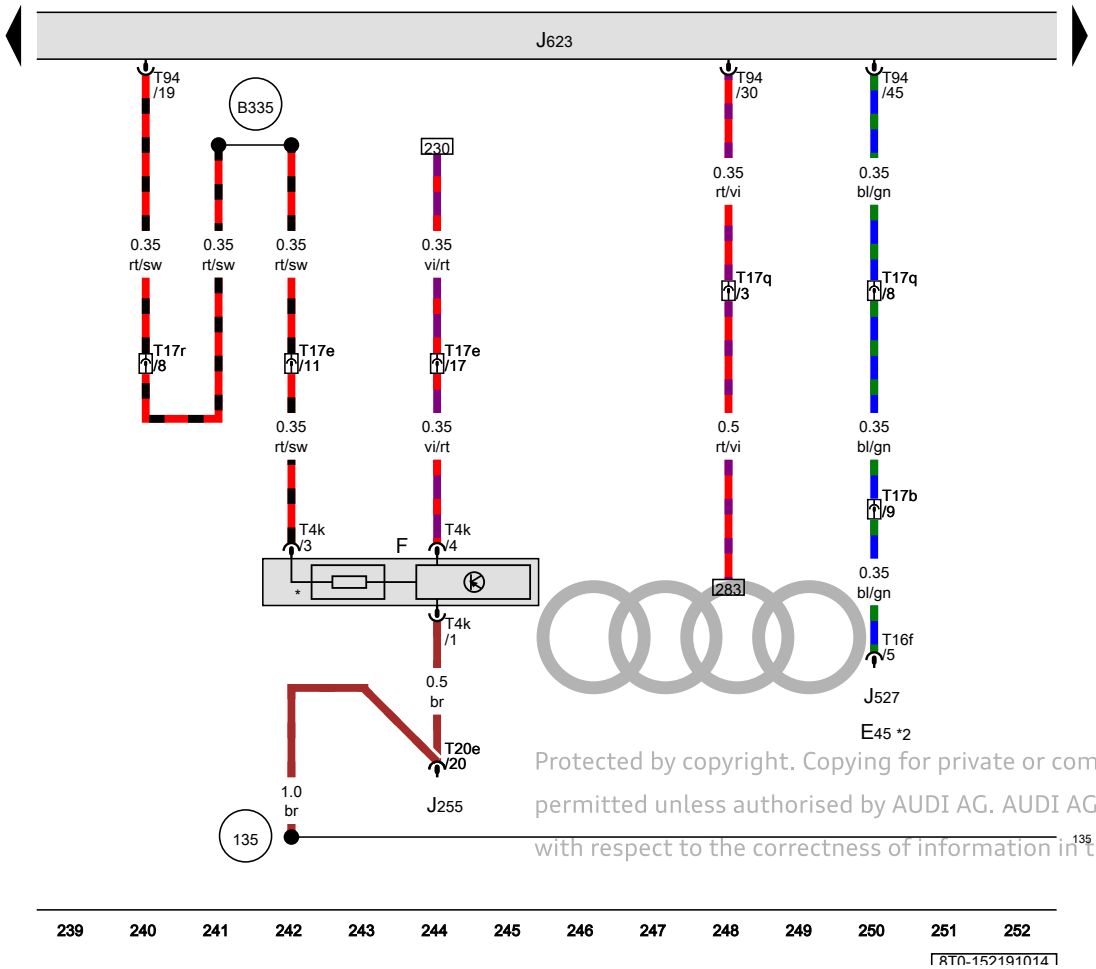
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Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T1	Single connector
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox

Brake light switch, Steering column electronics control unit, Engine control unit

E45	Cruise control system switch
F	Brake light switch
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
135	Earth connection 2, in dash panel wiring harness
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

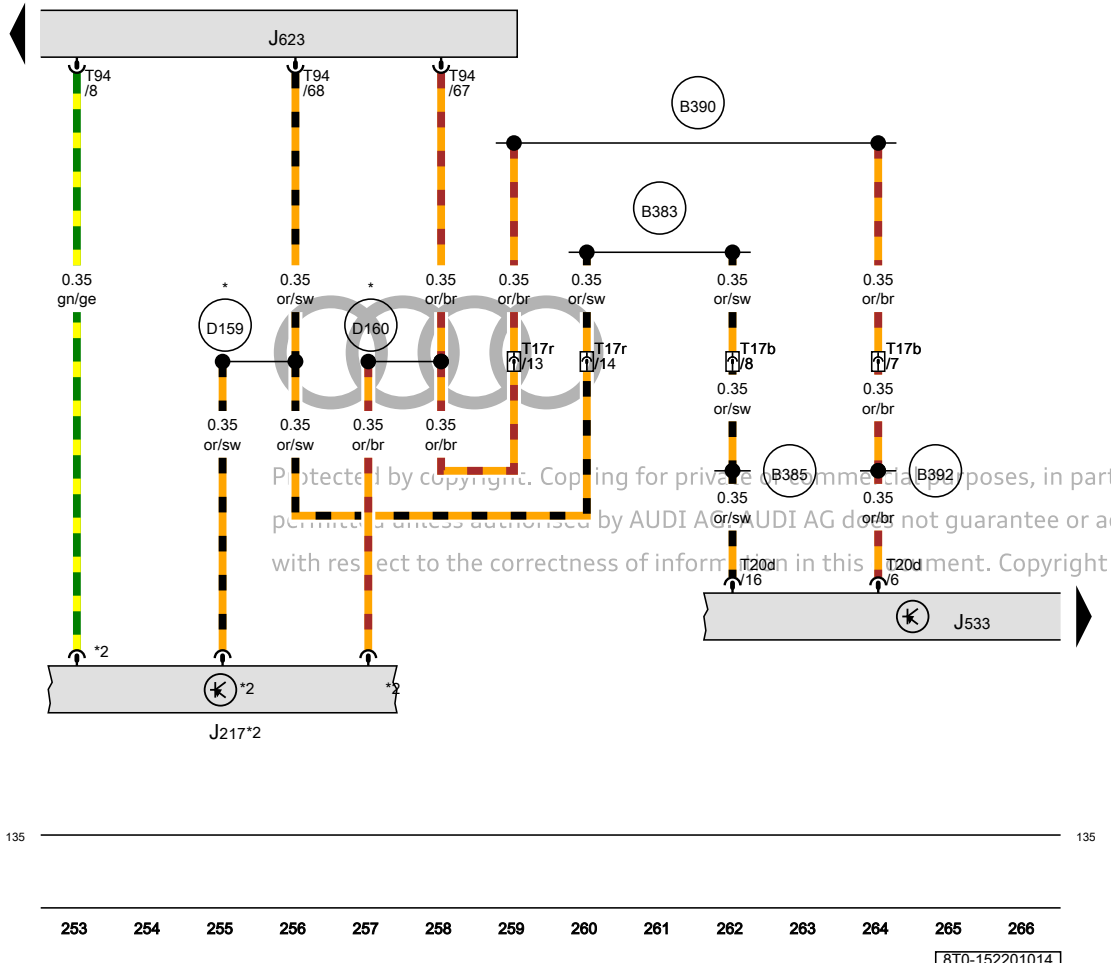


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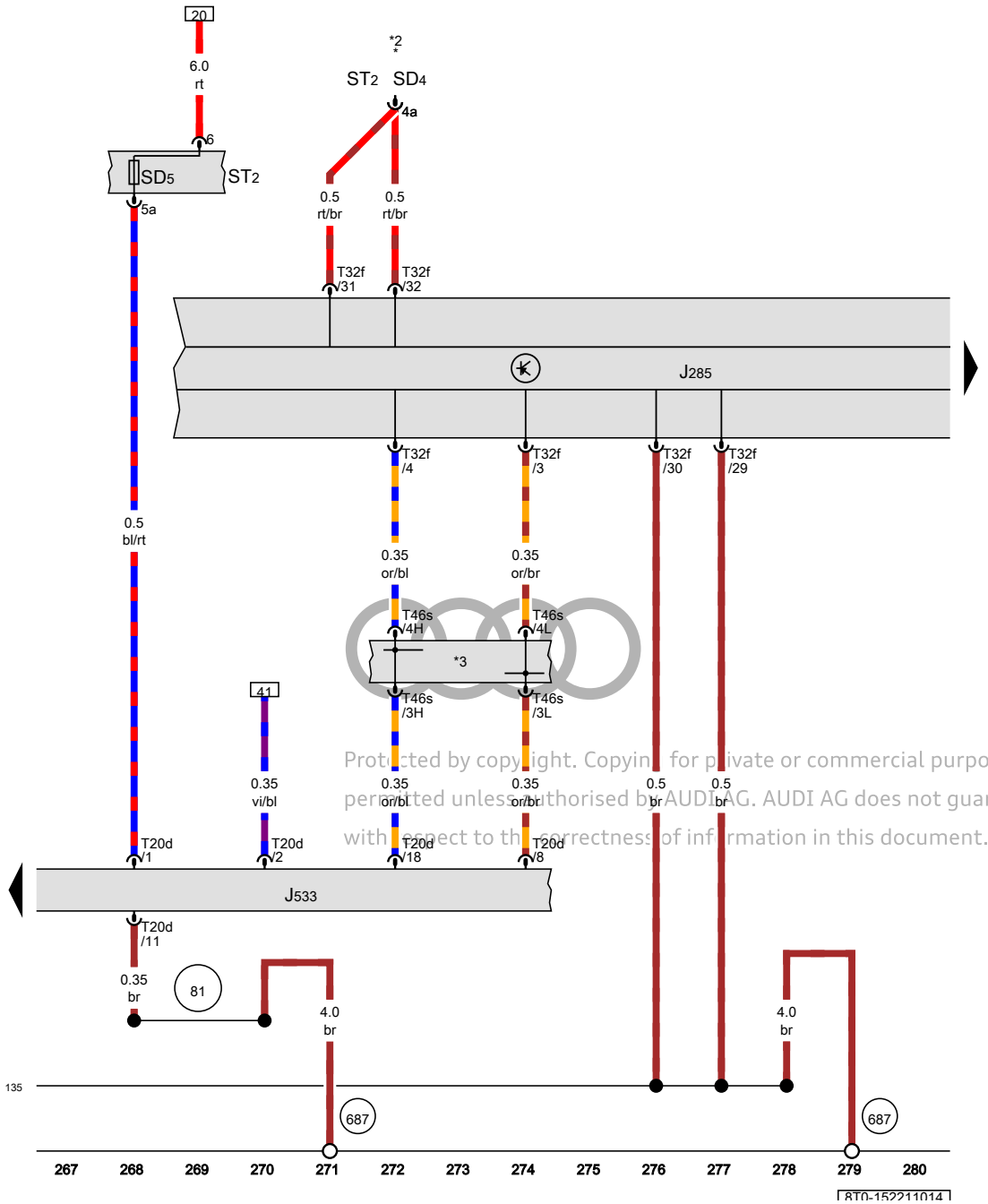
Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
135	Earth connection 2, in dash panel wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox



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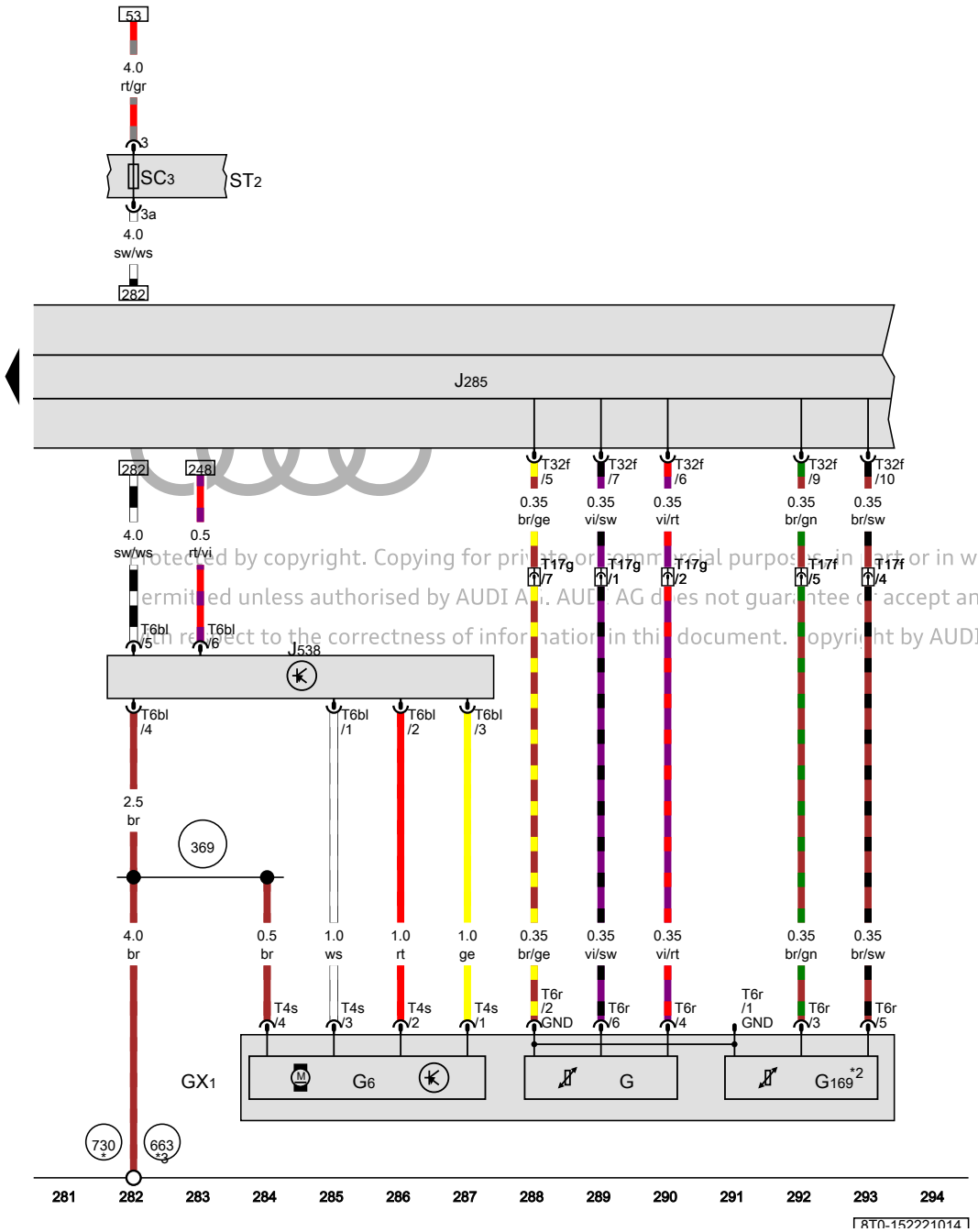


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	From May 2009
*3	see applicable current flow diagram for CAN separating connector

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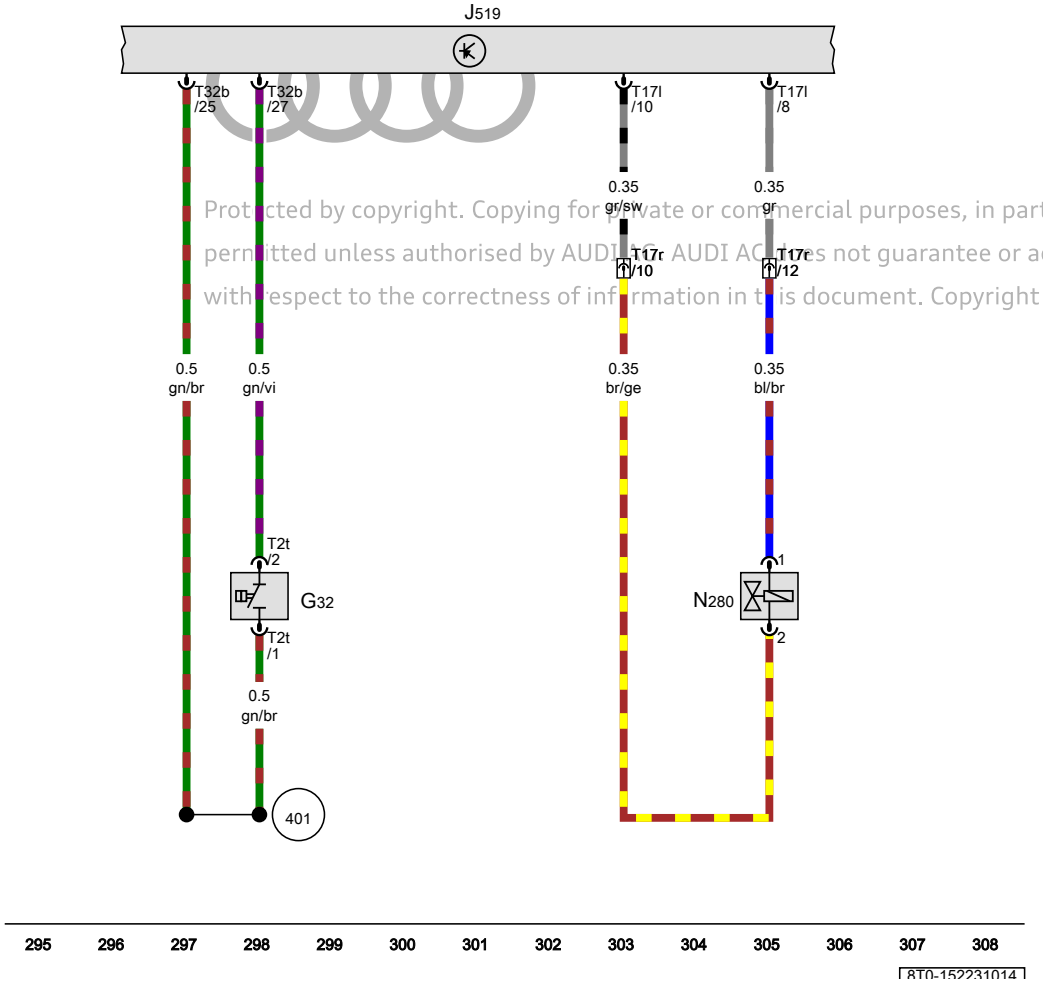
Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with all-wheel drive
*3	Only models with 2-doors

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Coolant shortage indicator sender, Onboard supply control unit, Air conditioner compressor regulating valve

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



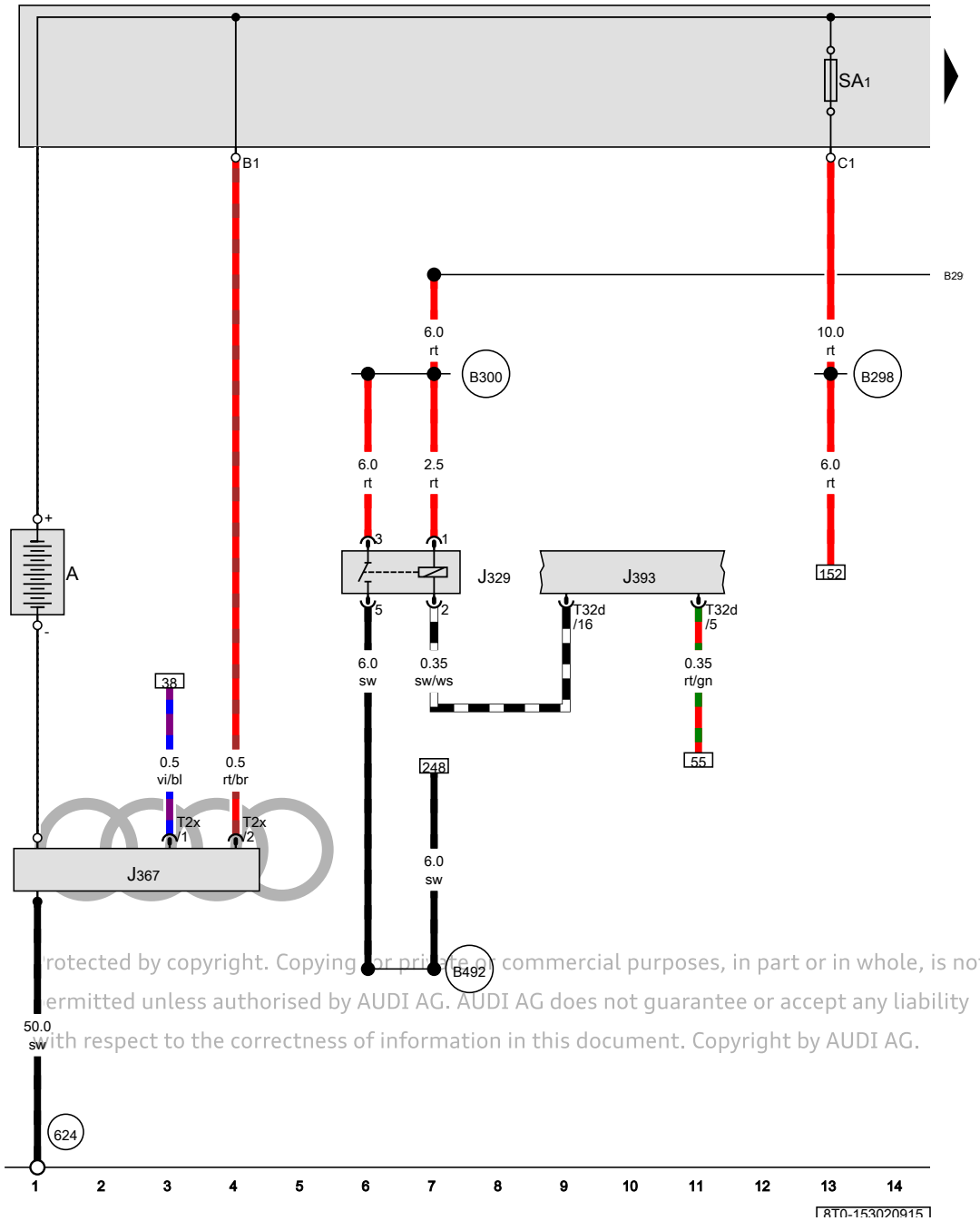
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2.0l petrol engine , CNCD,CNCE,CUHA,CUJA

From May 2013

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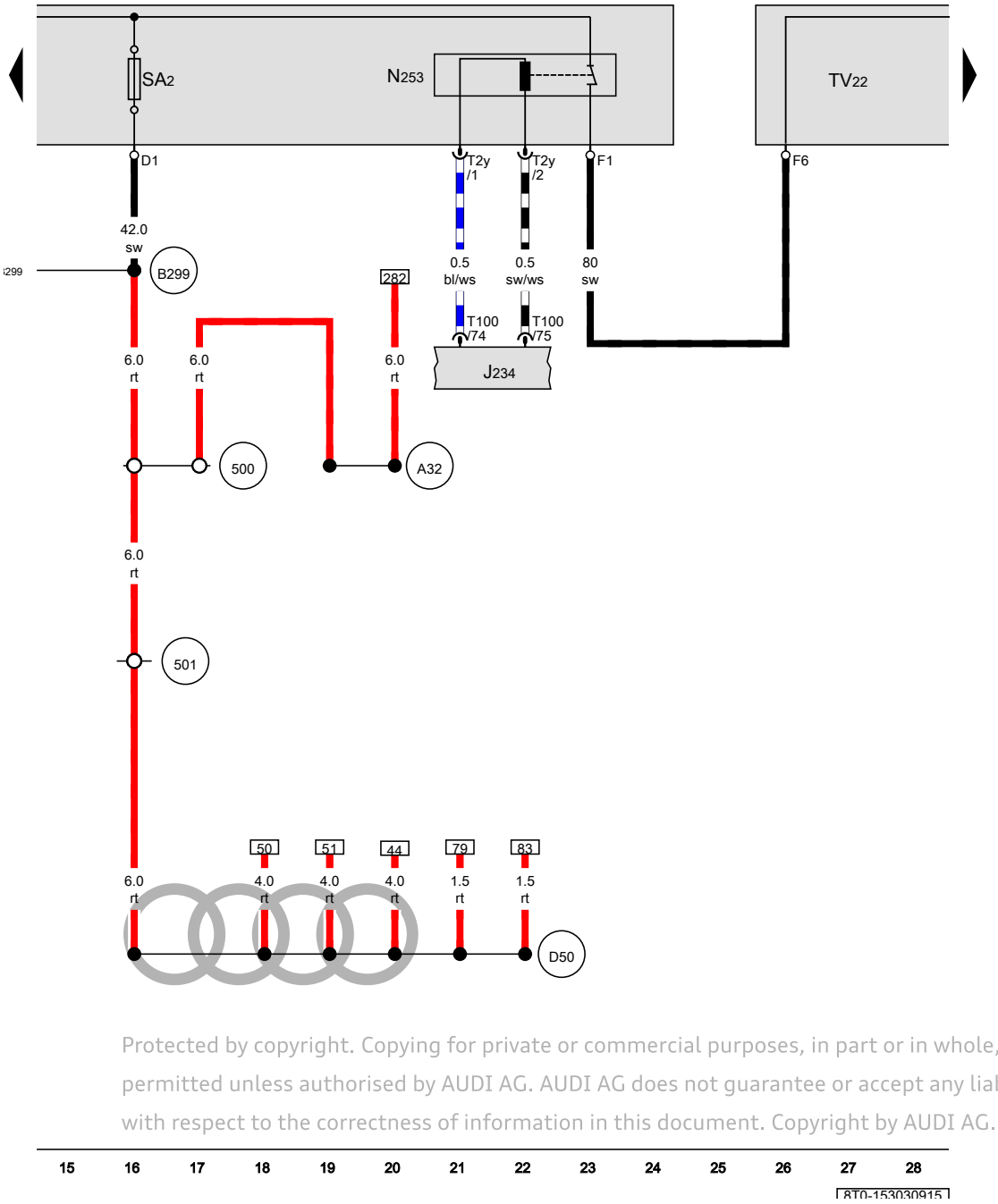


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

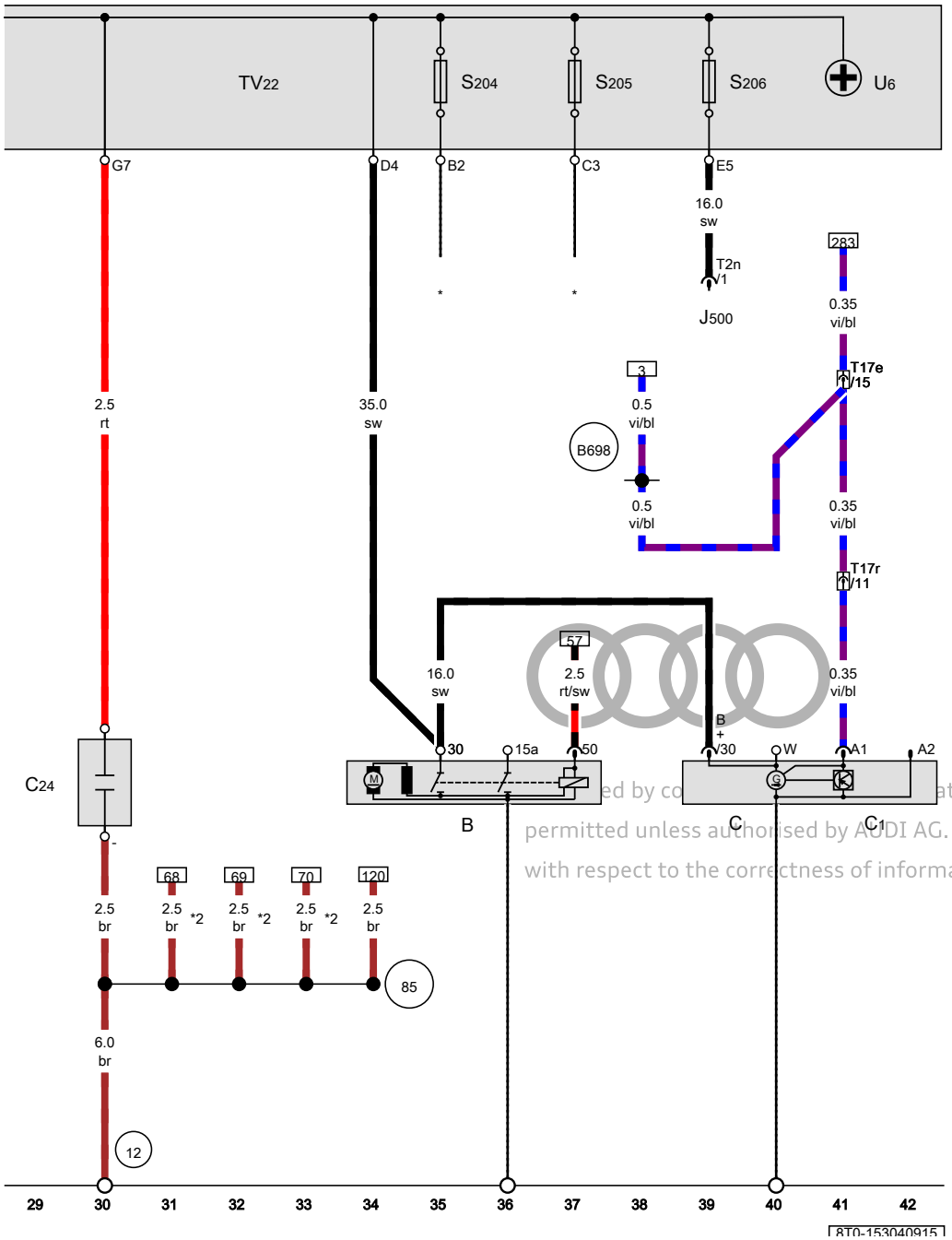


Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

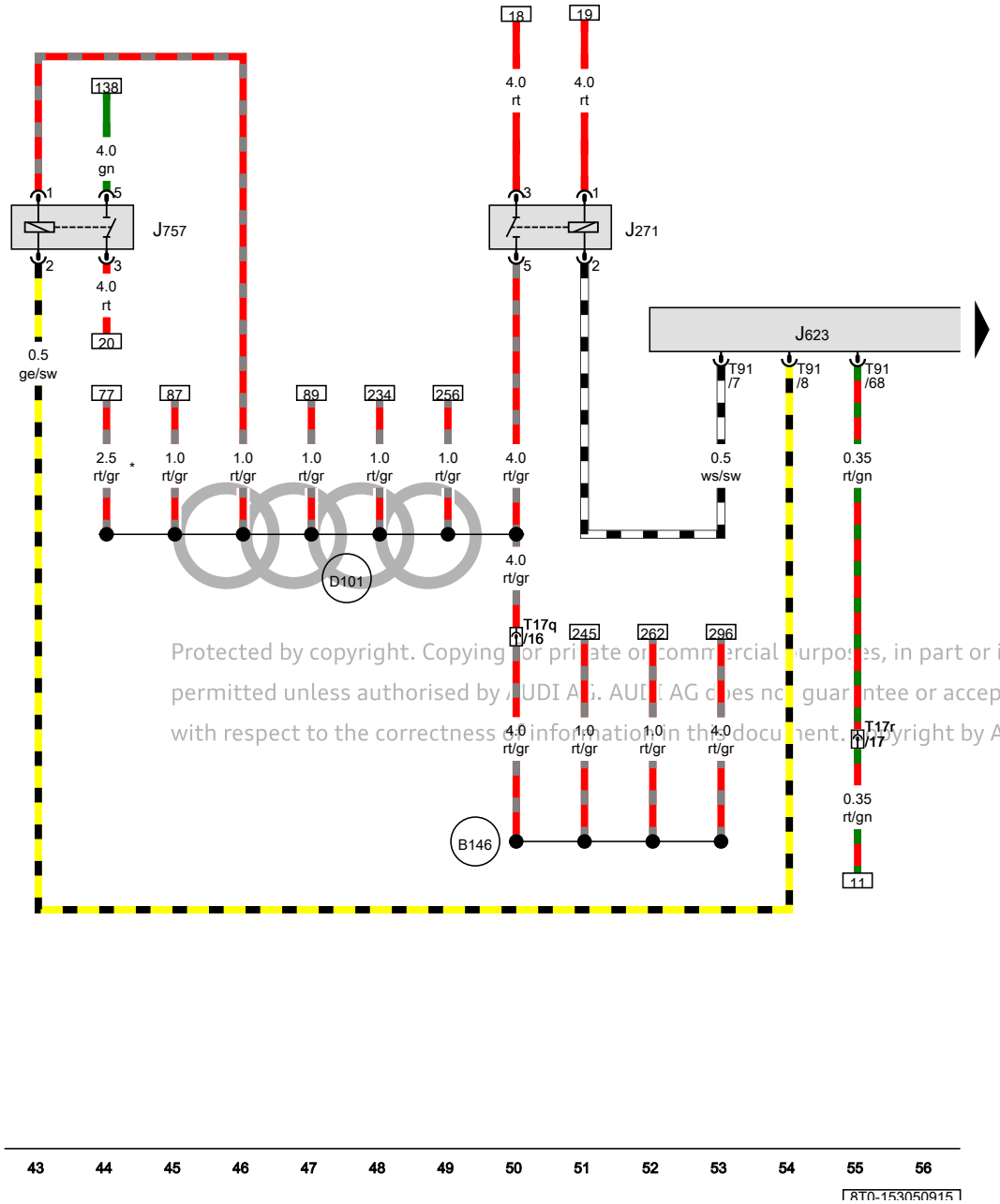
B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	Cross-section 1.5 possible

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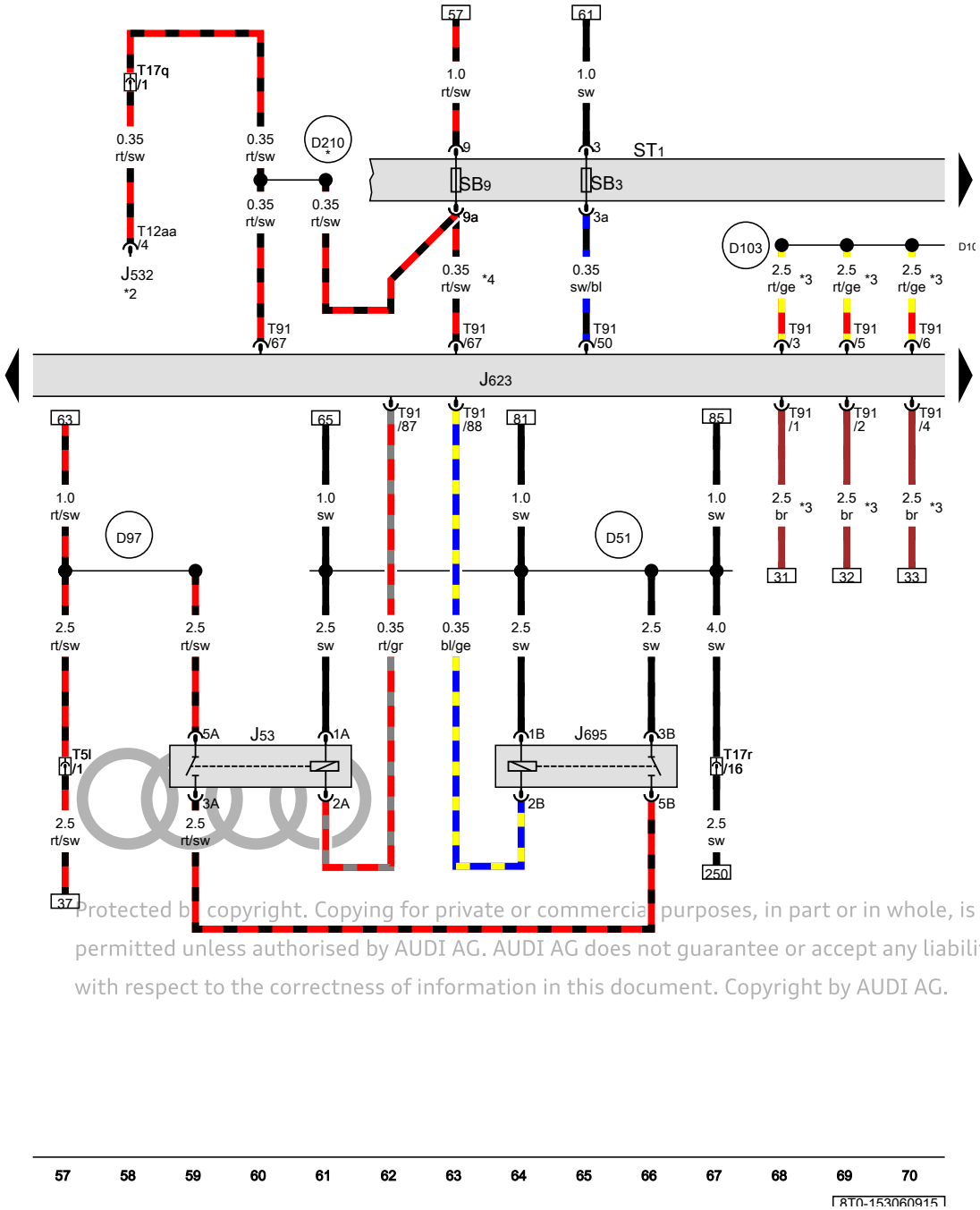
Main relay, Engine component current supply relay

J271	Main relay
J623	Engine control unit
J757	Engine component current supply relay
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
*	Cross-section 1.5 possible



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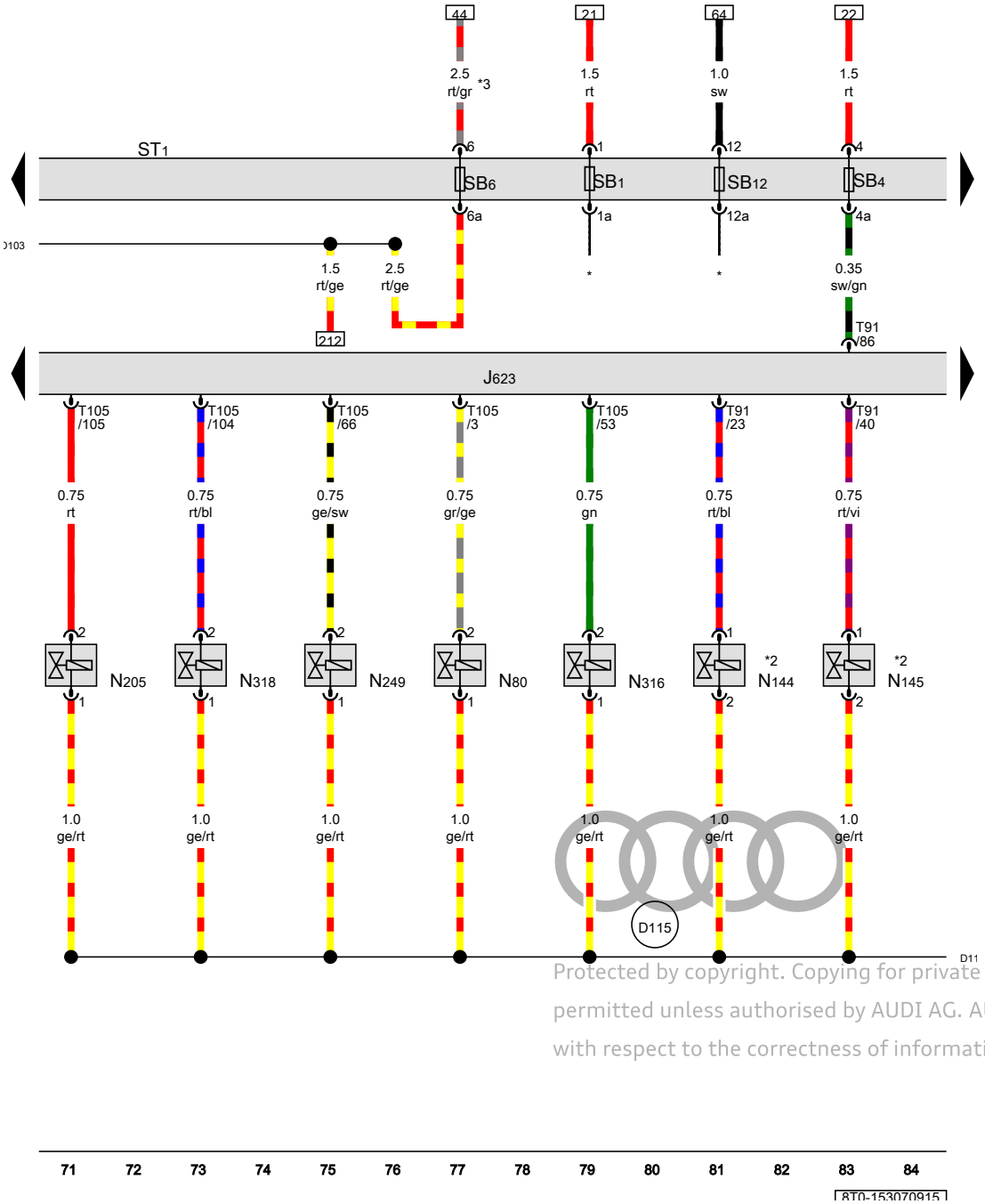


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Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
T5l	5-pin connector, in engine compartment
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D103	Connection 3 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Only models with start/stop system
*2	See applicable current flow diagram for start/stop system
*3	Cross-section 1.5 possible
*4	Only models with no start/stop system

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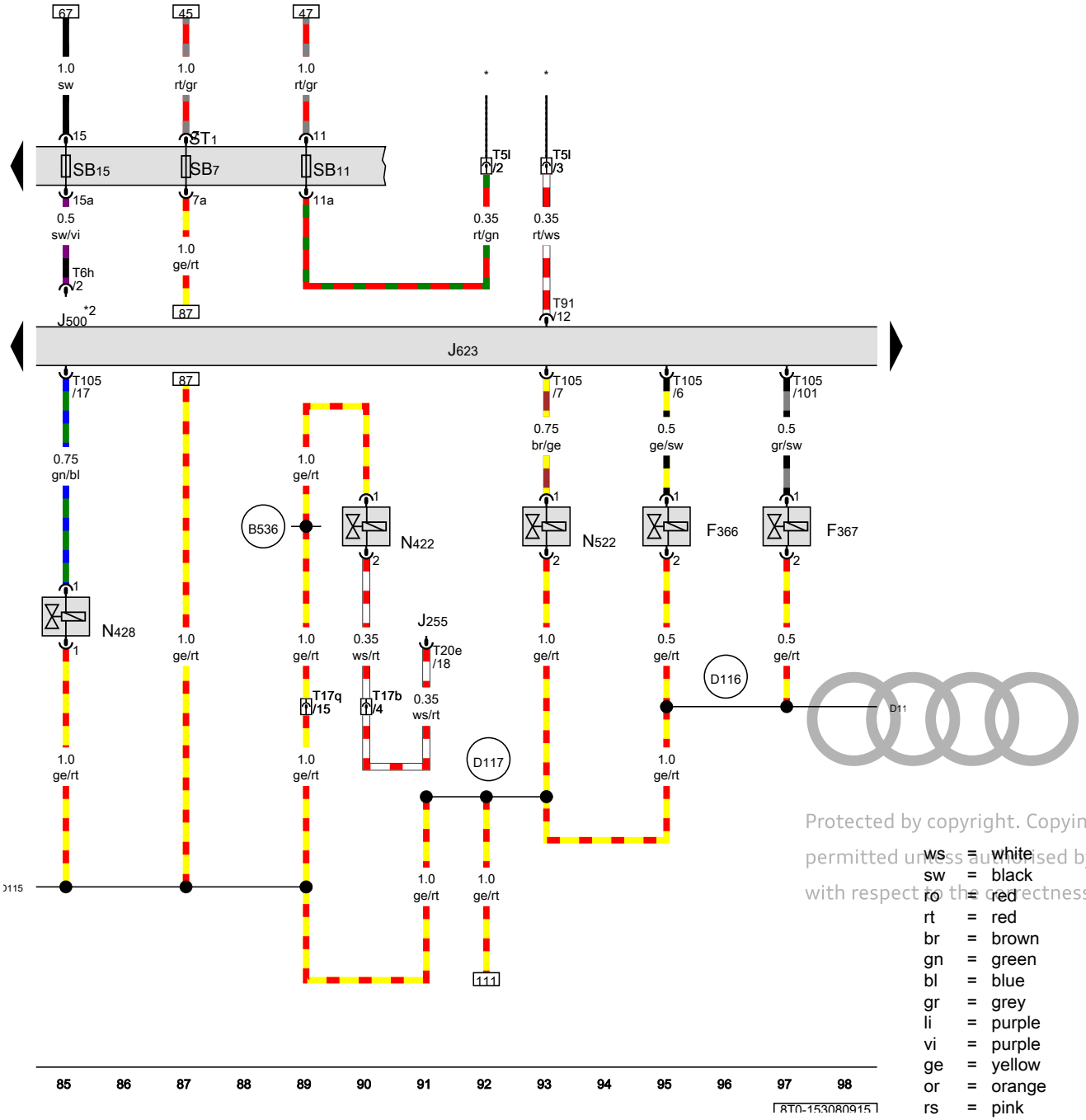


Activated charcoal filter solenoid valve 1, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Camshaft control valve 1, Turbocharger air recirculation valve, Exhaust camshaft control valve 1

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
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB12	Fuse 12 on fuse holder B
T91	91-pin connector
T105	105-pin connector
D103	Connection 3 in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	If fitted
*3	Cross-section 1.5 possible

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Actuator 1 for camshaft adjustment, Valve for oil pressure control, Piston cooling jet control valve

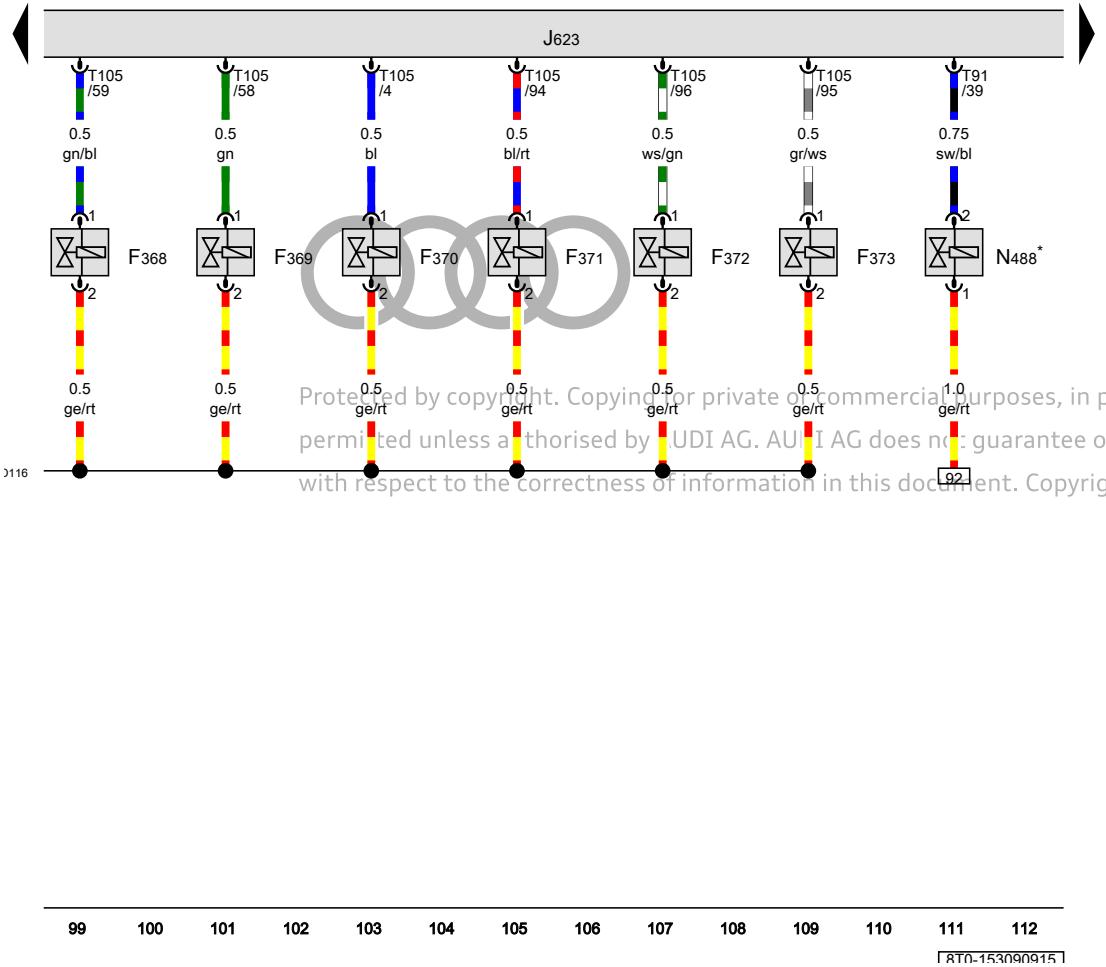
F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
J255	Climatronic control unit
J500	Power steering control unit
J623	Engine control unit
N422	Climatronic coolant shut-off valve
N428	Valve for oil pressure control
N522	Piston cooling jet control valve
ST1	Fuse carrier 1
SB7	Fuse 7 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T20e	20-pin connector
T91	91-pin connector
T105	105-pin connector
B536	Connection 27, in main wiring harness
D115	Connection 13 in engine compartment wiring harness
D116	Connection 14 in engine compartment wiring harness
D117	Connection 15 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram

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Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 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
F372	Actuator 7 for camshaft adjustment
F373	Actuator 8 for camshaft adjustment
J623	Engine control unit
N488	Coolant valve for gearbox
T91	91-pin connector
T105	105-pin connector
D116	Connection 14 in engine compartment wiring harness
*	Only models with manual gearbox

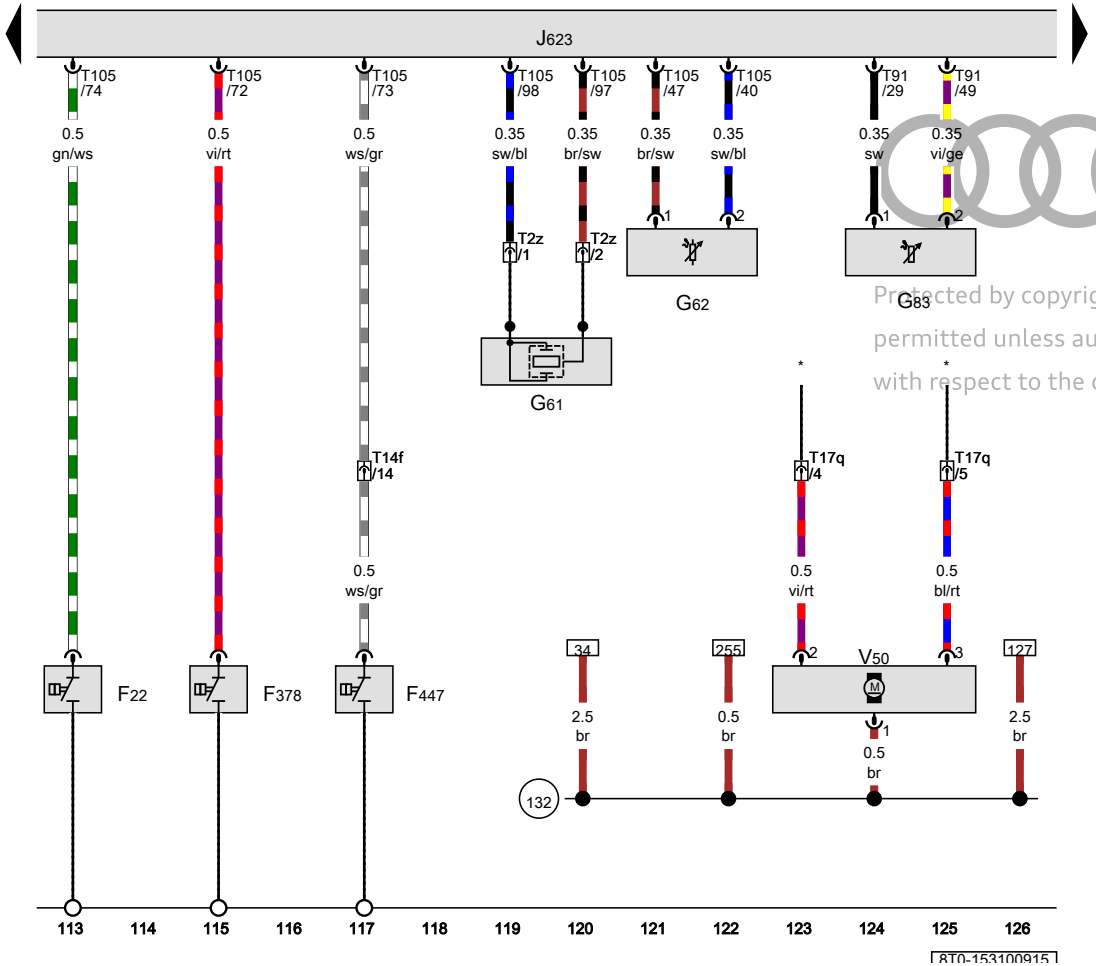


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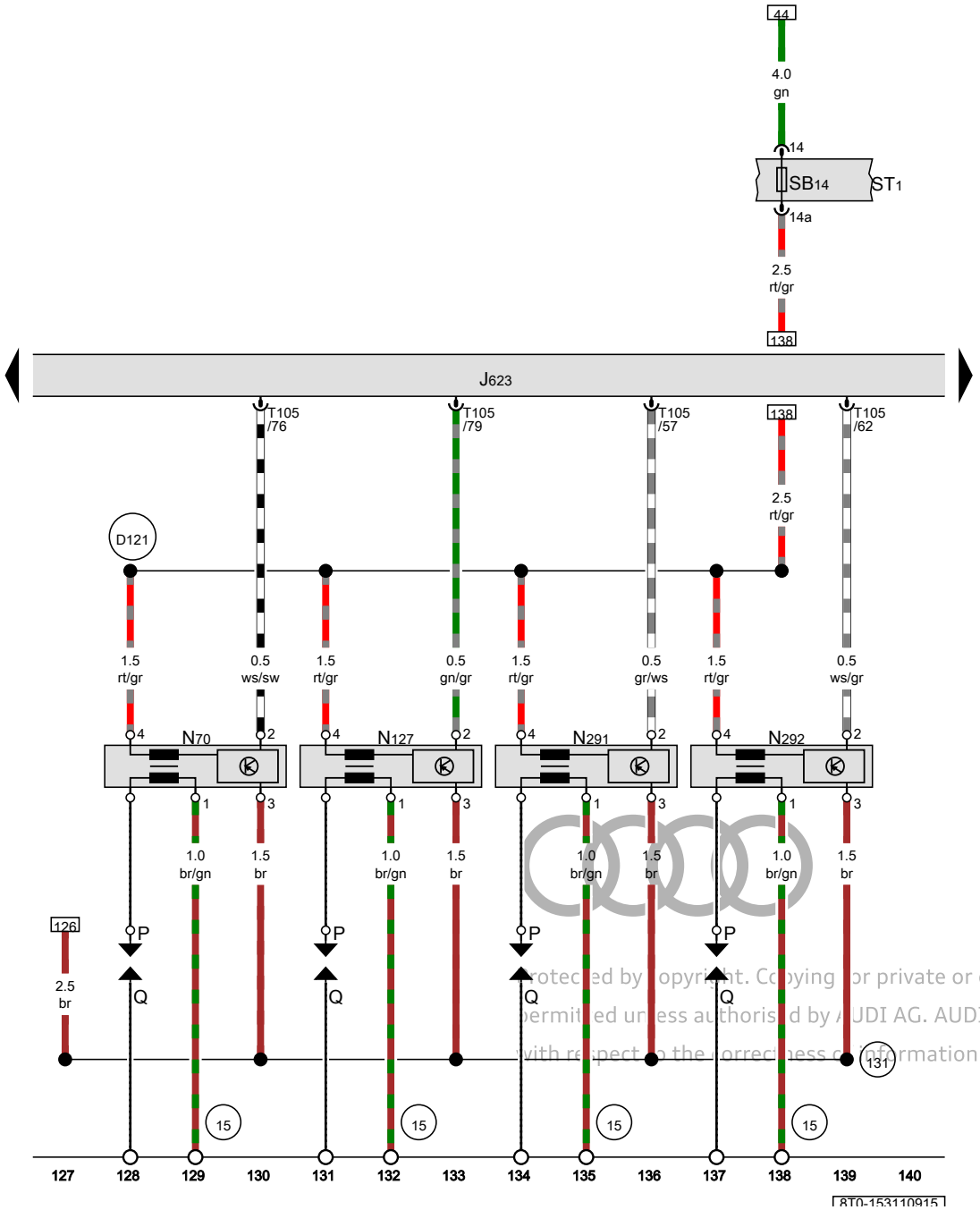
Oil pressure switch, Oil pressure switch for reduced oil pressure, Coolant temperature sender, Radiator outlet coolant temperature sender

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G61	Knock sensor 1
G62	Coolant temperature sender
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
T2z	2-pin connector, green
T14f	14-pin connector, in engine compartment
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
V50	Coolant circulation pump
132	Earth connection 3, in engine compartment wiring harness
*	see applicable current flow diagram for air conditioning



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gn = green
bl = blue
gr = grey
li = purple
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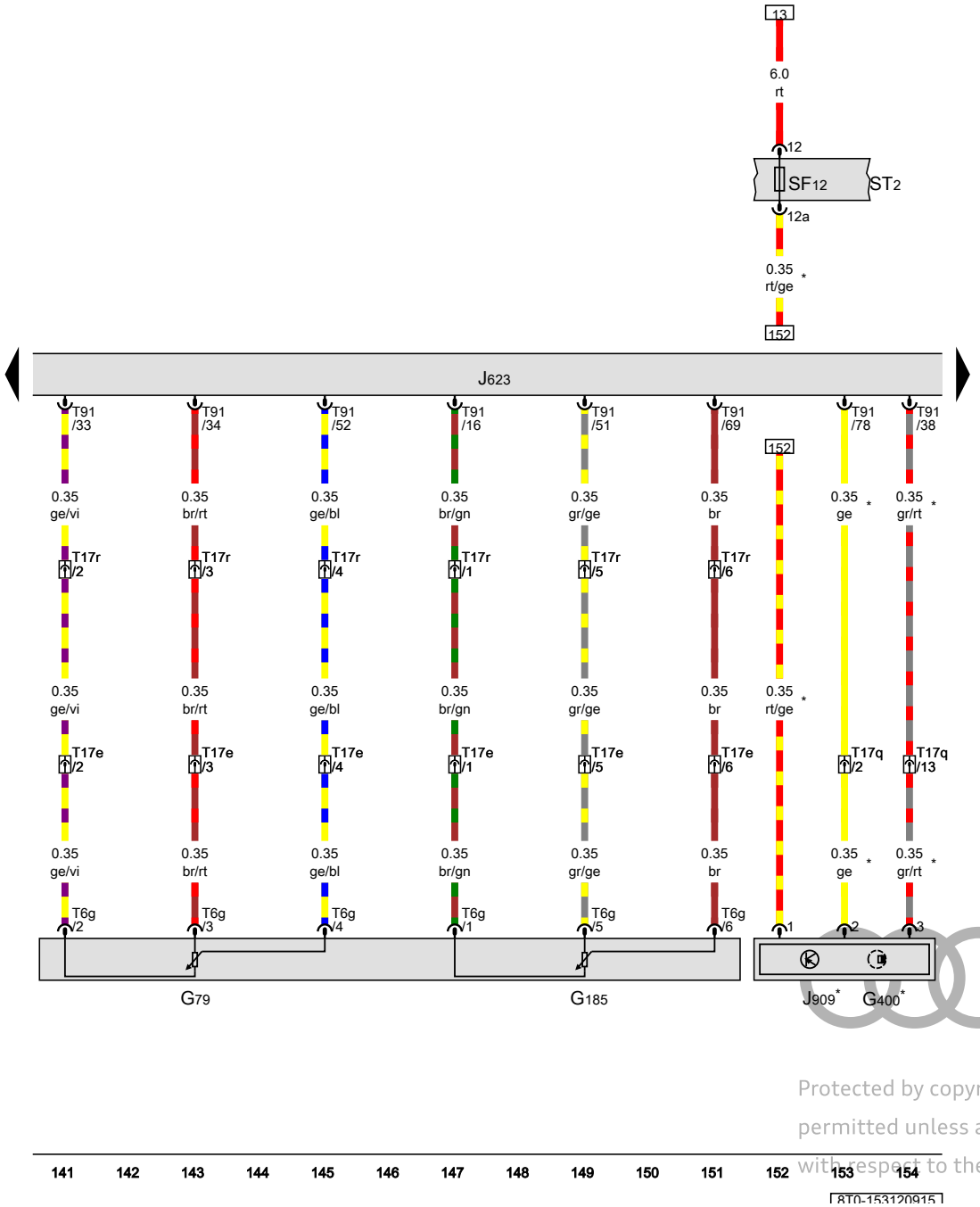


Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T105	105-pin connector
15	Earth point, on cylinder head
131	Earth connection 2, in engine compartment wiring harness
D121	Connection 19 in engine compartment wiring harness

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Accelerator position sender, Accelerator position sender 2, Tank pressure sensor, Control unit for fuel tank leak detection

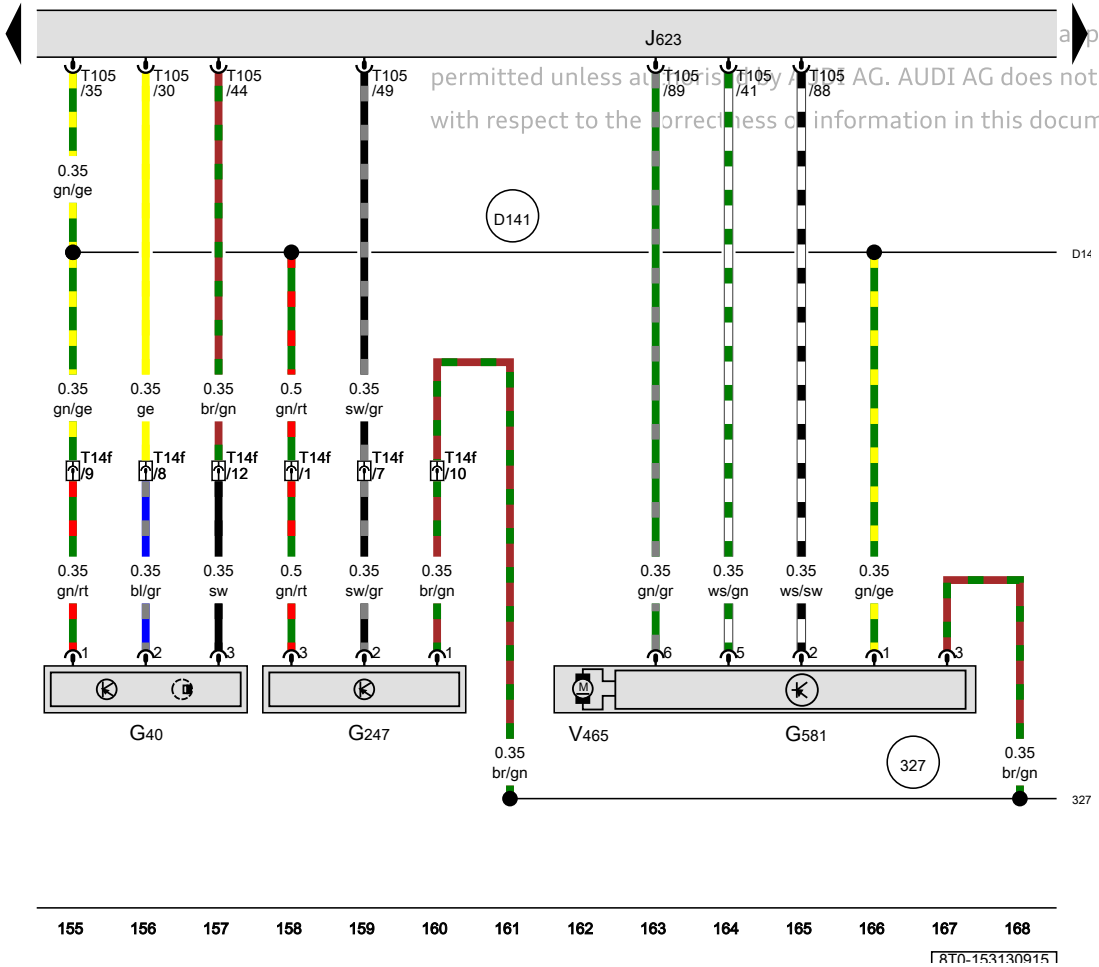
G79	Accelerator position sender
G185	Accelerator position sender 2
G400	Tank pressure sensor
J623	Engine control unit
J909	Control unit for fuel tank leak detection
ST2	Fuse carrier 2
SF12	Fuse 12 in fuse holder F
T6g	6-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
*	Only for American markets

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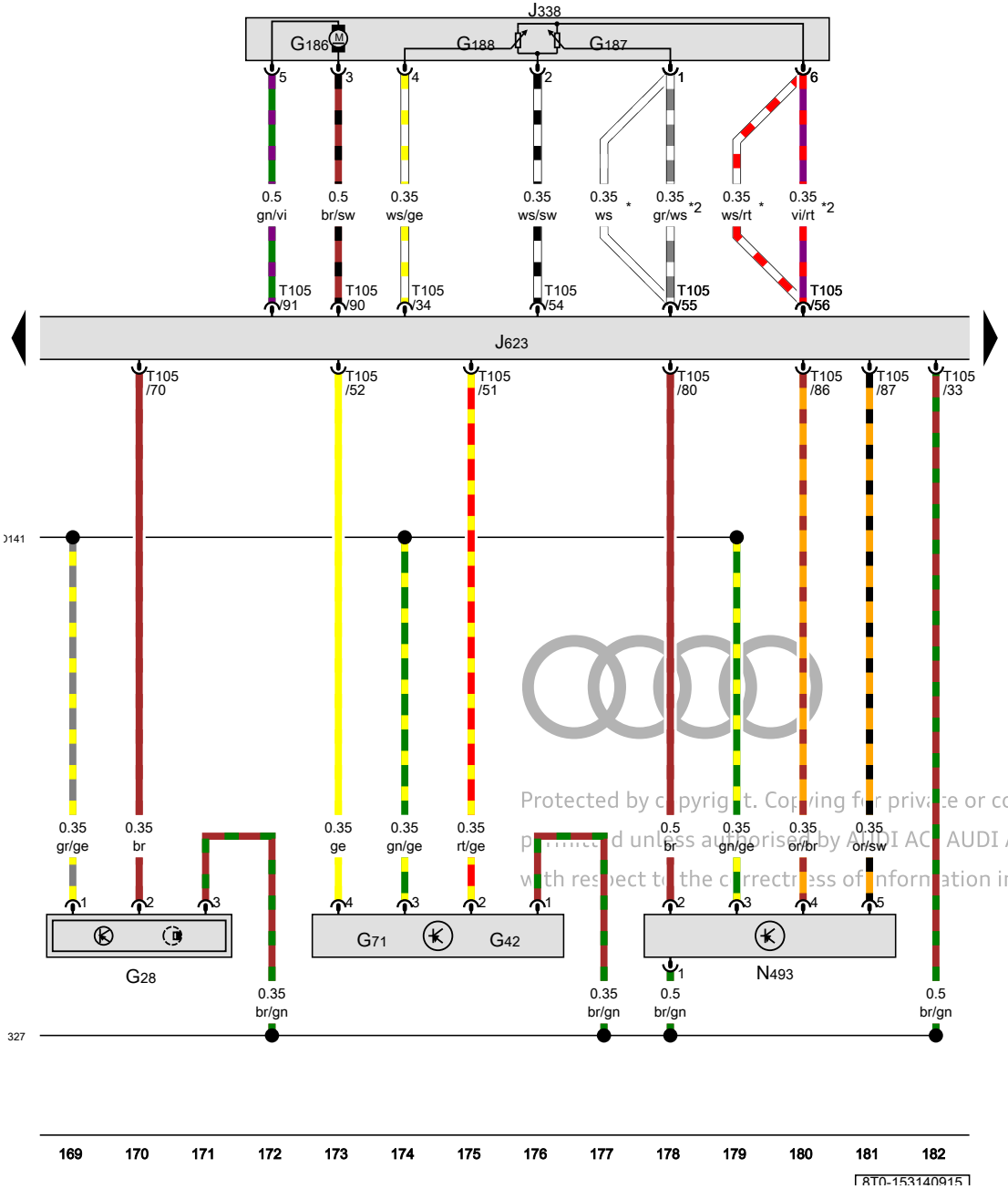
Hall sender, Fuel pressure sender

G40	Hall sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T105	105-pin connector
V465	Charge pressure positioner
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness



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Engine speed sender, Throttle valve module

G28	Engine speed sender
G42	Intake air temperature sender
G71	Intake manifold pressure 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
N493	Actuator for engine temperature regulation
T105	105-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Up to October 2015
*2	From November 2015

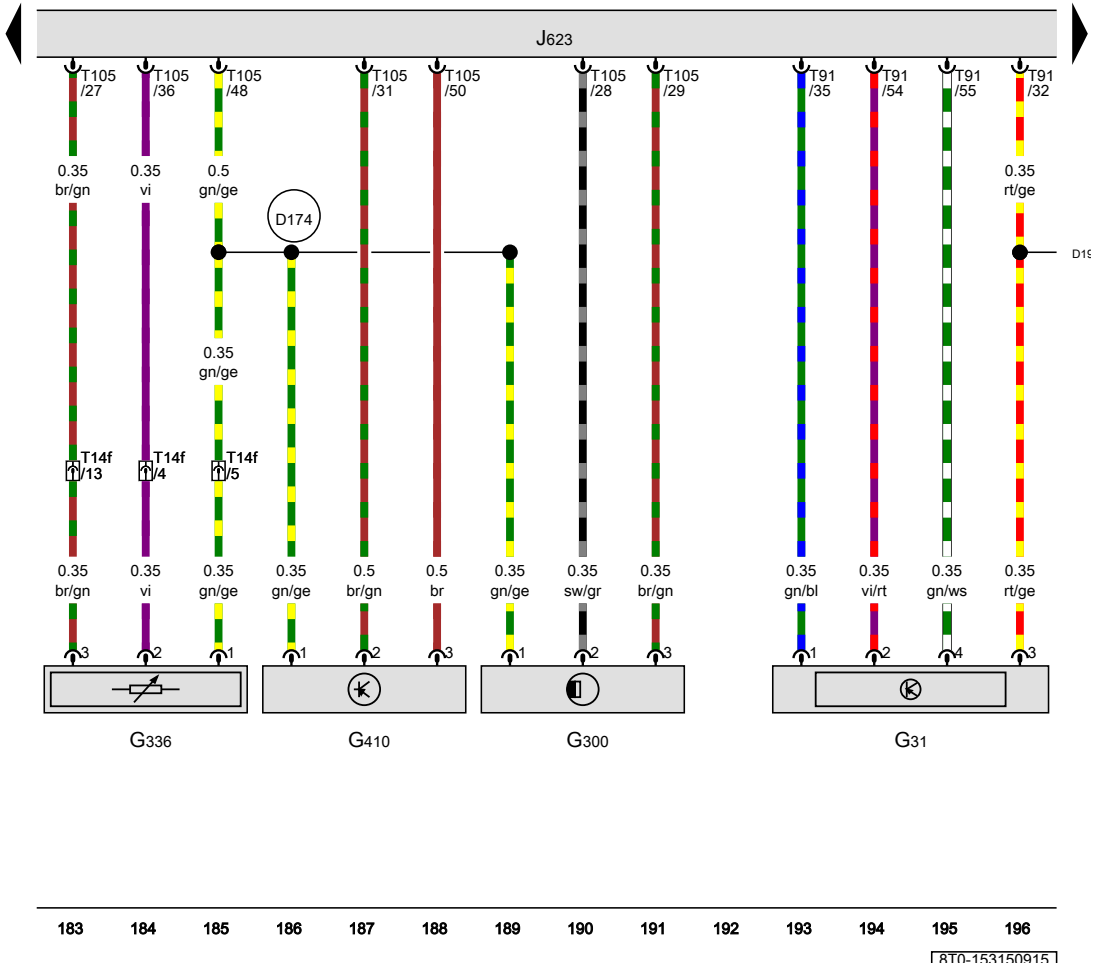
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Hall sender 3, Intake manifold flap potentiometer, Fuel pressure sender for low-pressure

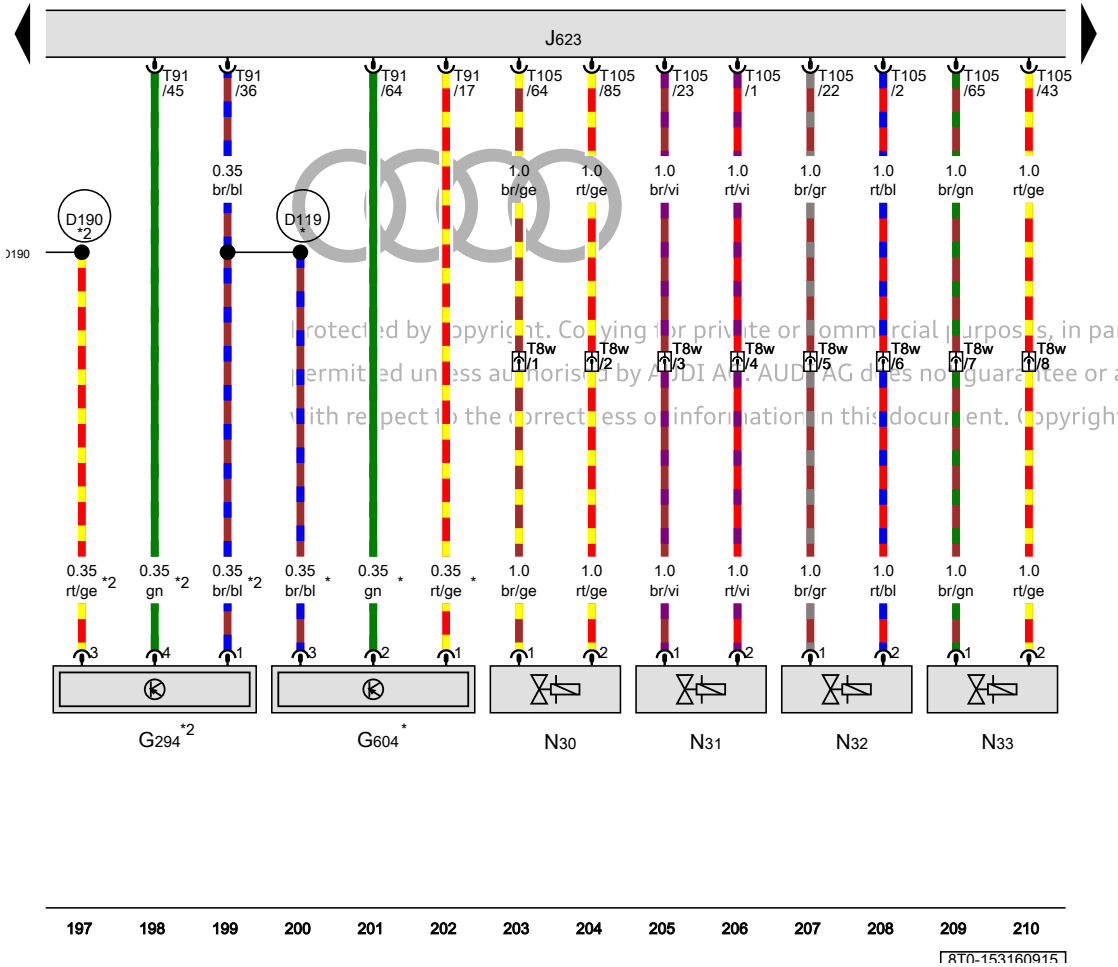
G31	Charge pressure sender
G300	Hall sender 3
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low-pressure
J623	Engine control unit
T14f	14-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness



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Gear detection sensor, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T8w	8-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
D119	Connection 17 in engine compartment wiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	Only models with manual gearbox
*2	Only models with stop/start system

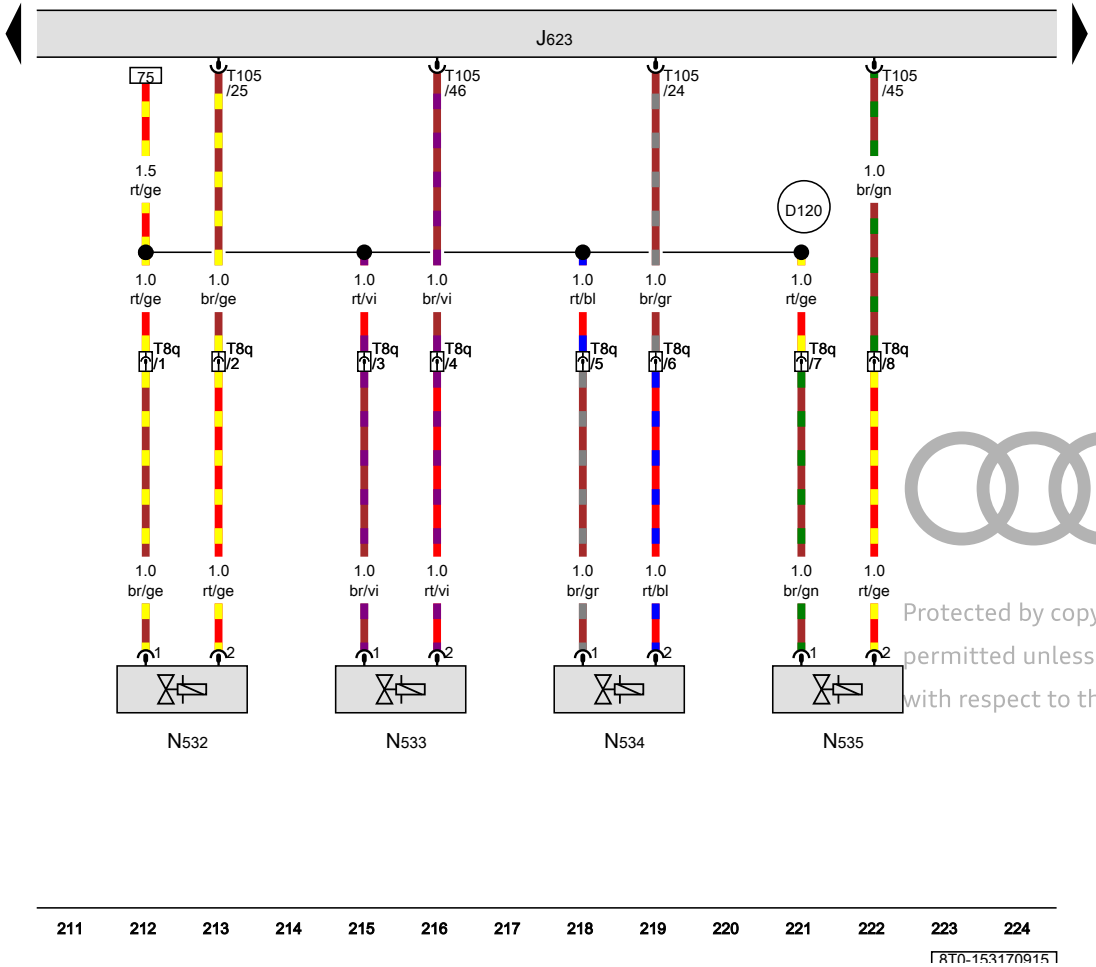


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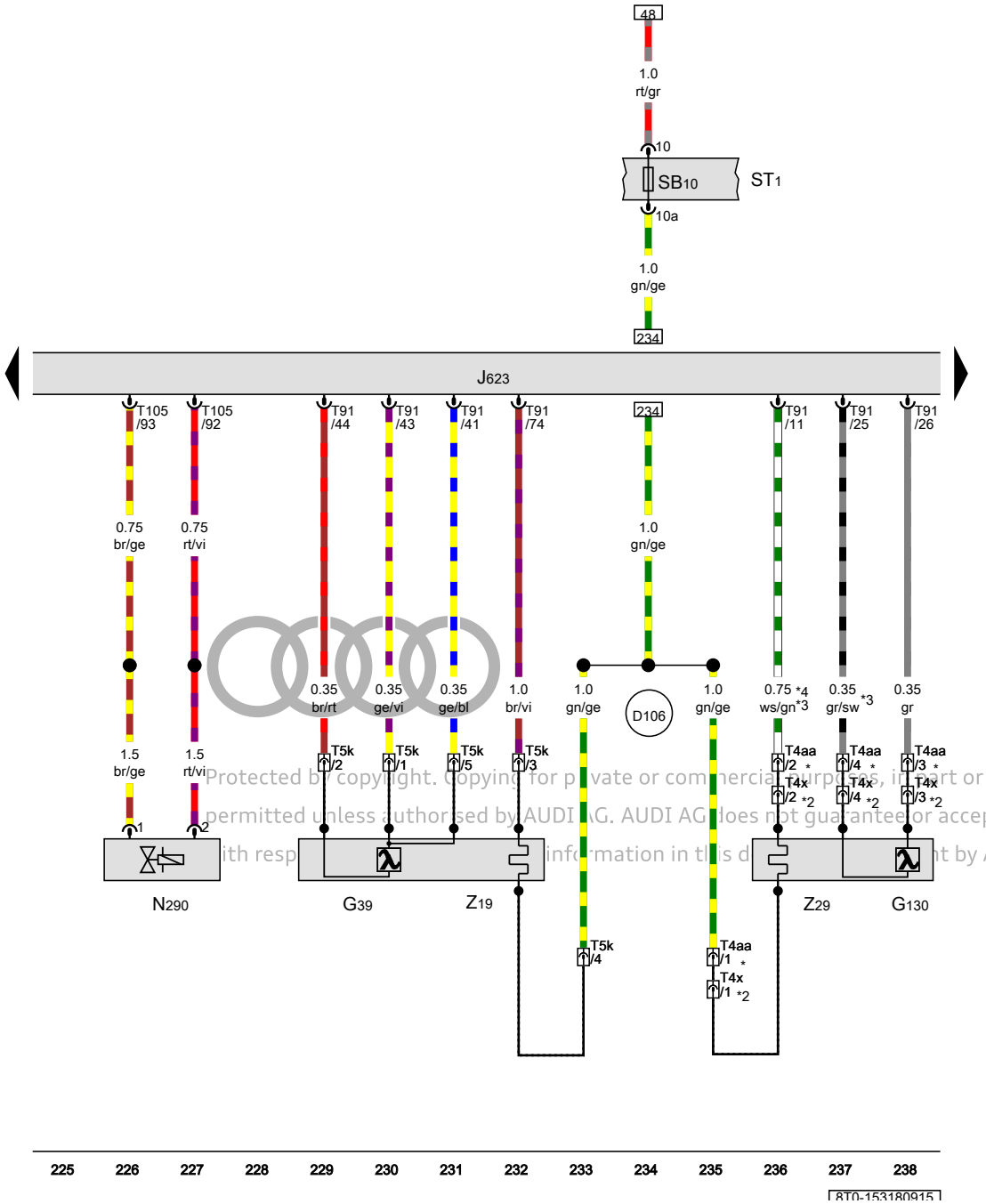
Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

J623	Engine control unit
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T8q	8-pin connector, black
T105	105-pin connector
D120	Connection 18 in engine compartment wiring harness



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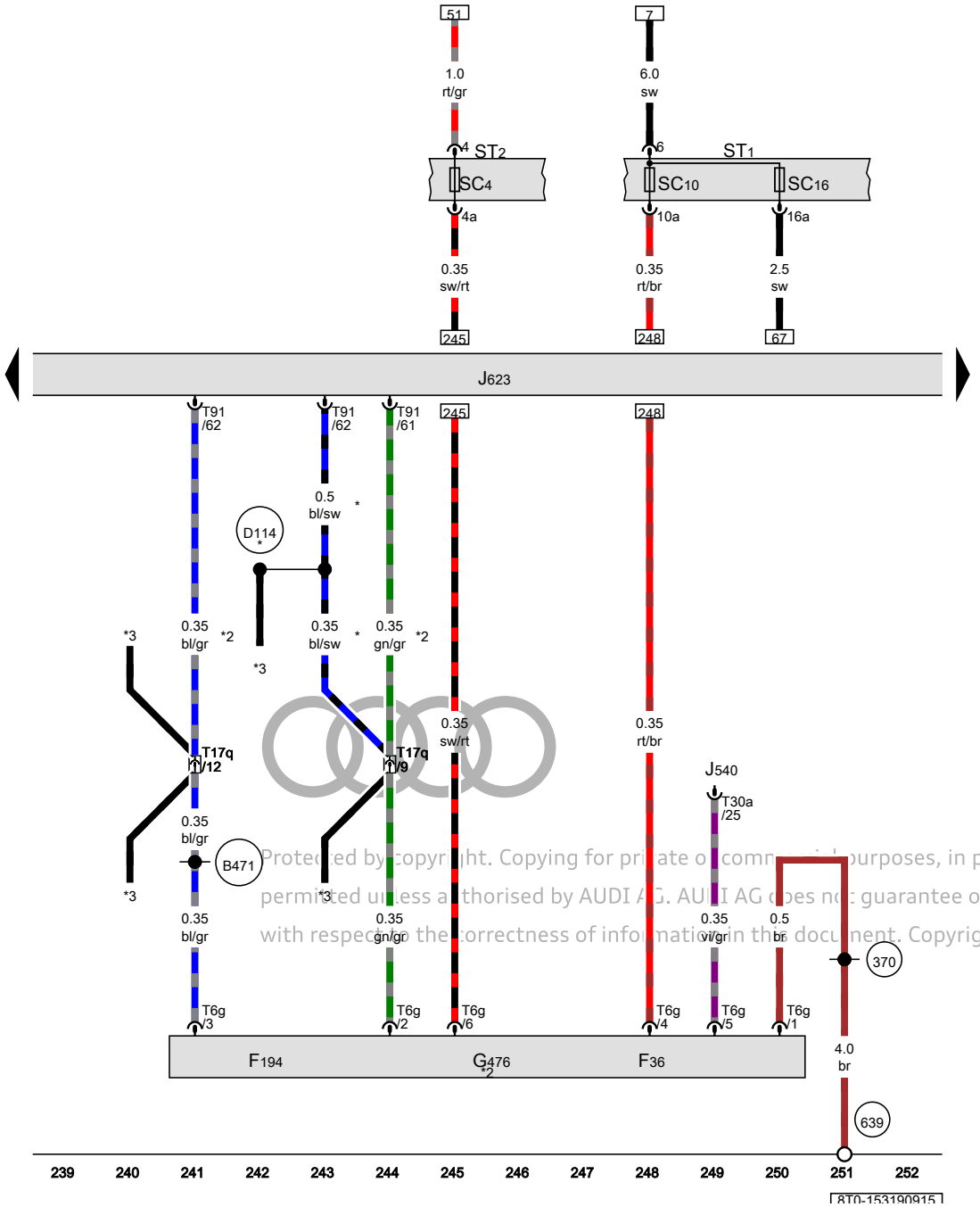


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Lambda probe, Lambda probe after catalytic converter, Fuel metering valve

G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
N290	Fuel metering valve
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T4aa	4-pin connector, grey
T4x	4-pin connector, black
T5k	5-pin connector, grey
T91	91-pin connector
T105	105-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D106	Connection 4 in engine compartment wiring harness
*	Not for American markets
*2	Only for American markets
*3	Wiring colour depends on equipment
*4	Cross section depends on equipment

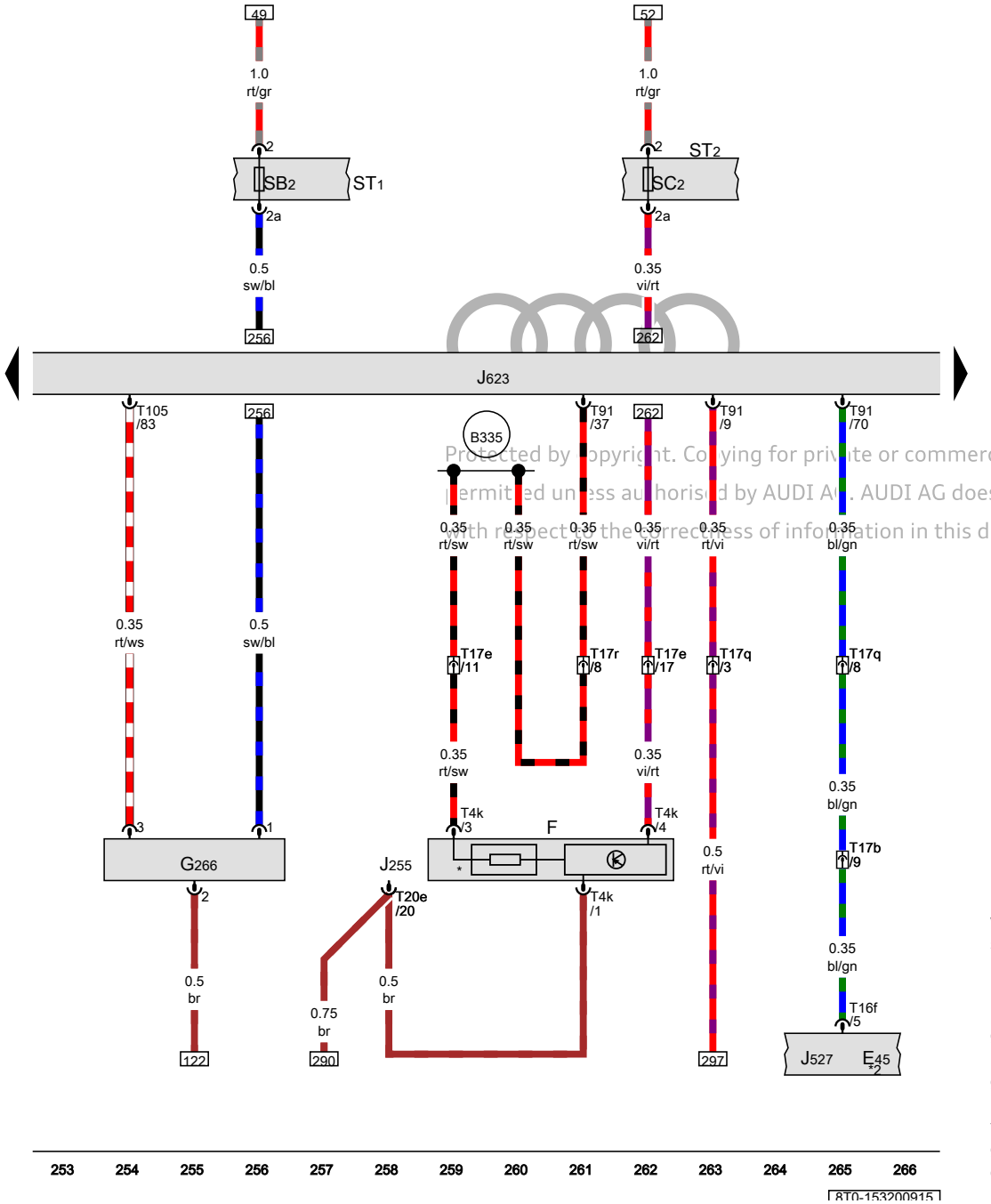


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Clutch pedal switch, Clutch pedal switch for engine start, Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with automatic gearbox
*2	Only models with manual gearbox
*3	see applicable current flow diagram for automatic gearbox

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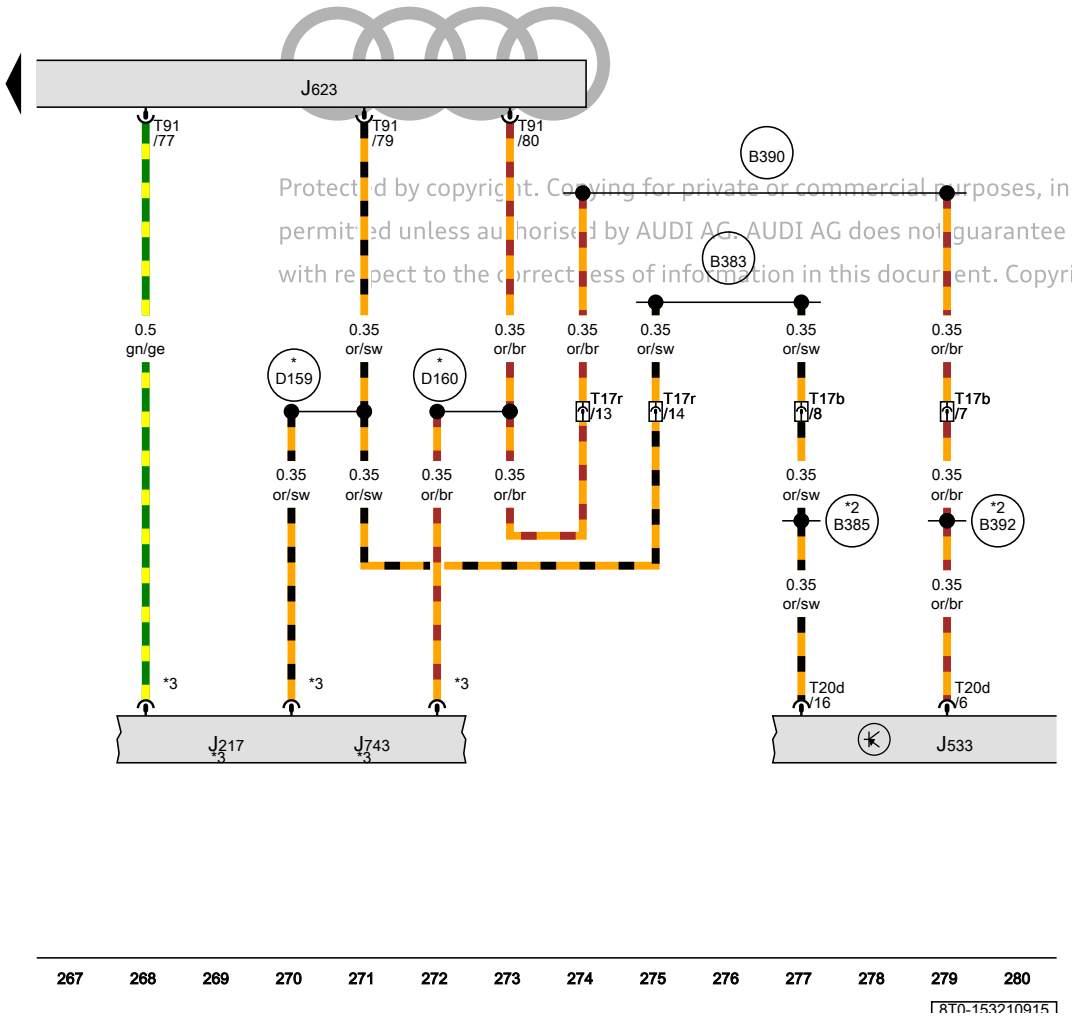


Brake light switch, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J255	Climatronic control unit
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SC2	Fuse 2 on fuse holder C
SB2	Fuse 2 on fuse holder B
ST2	Fuse carrier 2
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
T105	105-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

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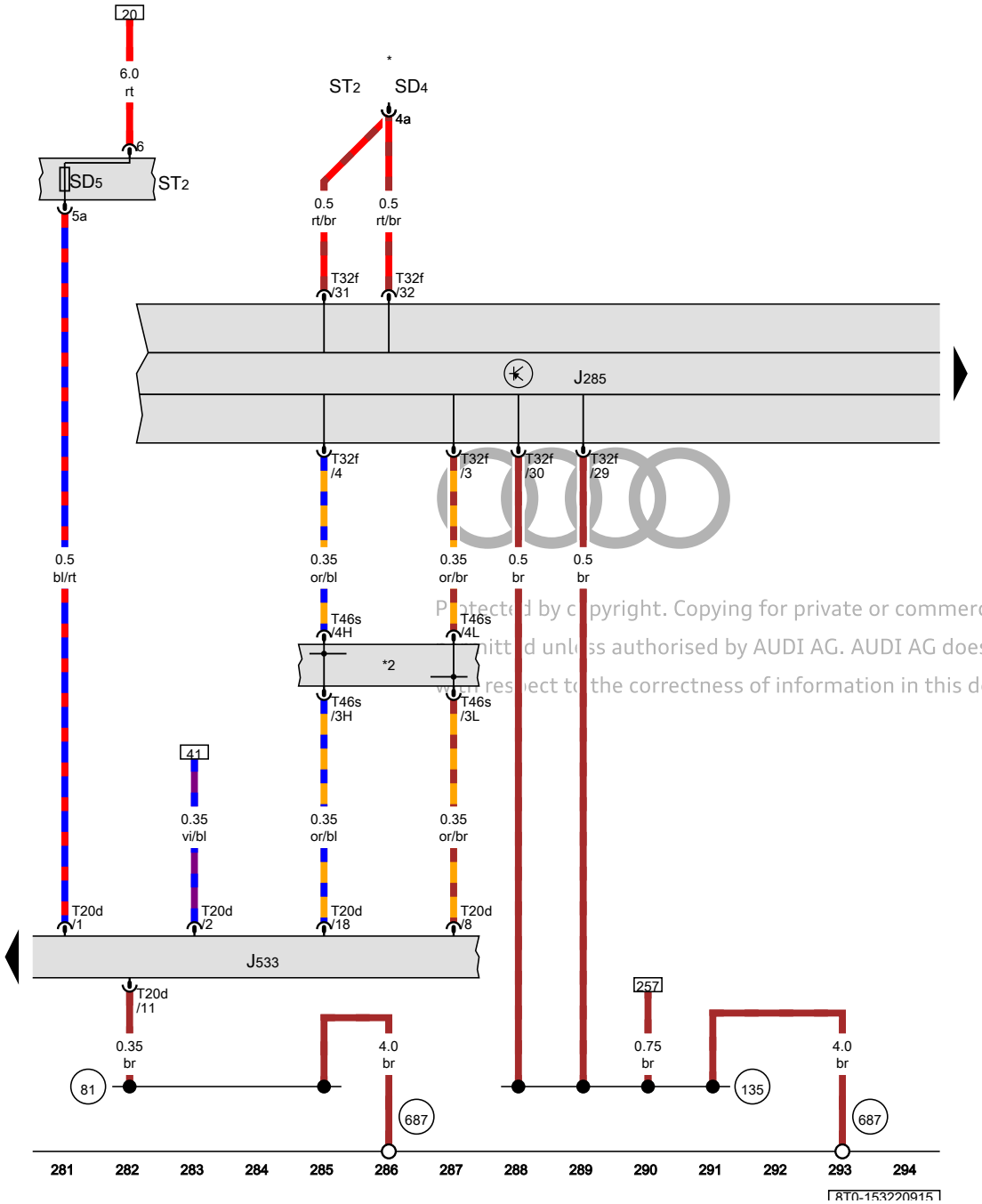
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Data bus diagnostic interface

J217 Automatic gearbox control unit
J533 Data bus diagnostic interface
J623 Engine control unit
J743 Mechatronic unit for dual clutch gearbox
T17b 17-pin connector, blue
T17r 17-pin connector, white
T20d 20-pin connector
T91 91-pin connector

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
B385 Connection 3 (powertrain CAN bus, high), in main wiring harness
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
B392 Connection 3 (powertrain CAN bus, low), in main wiring harness
D159 Connection (high bus), in engine compartment wiring harness
D160 Connection (low bus), in engine compartment wiring harness

* Only models with automatic gearbox
*2 Gradually discontinued
*3 see applicable current flow diagram for automatic gearbox

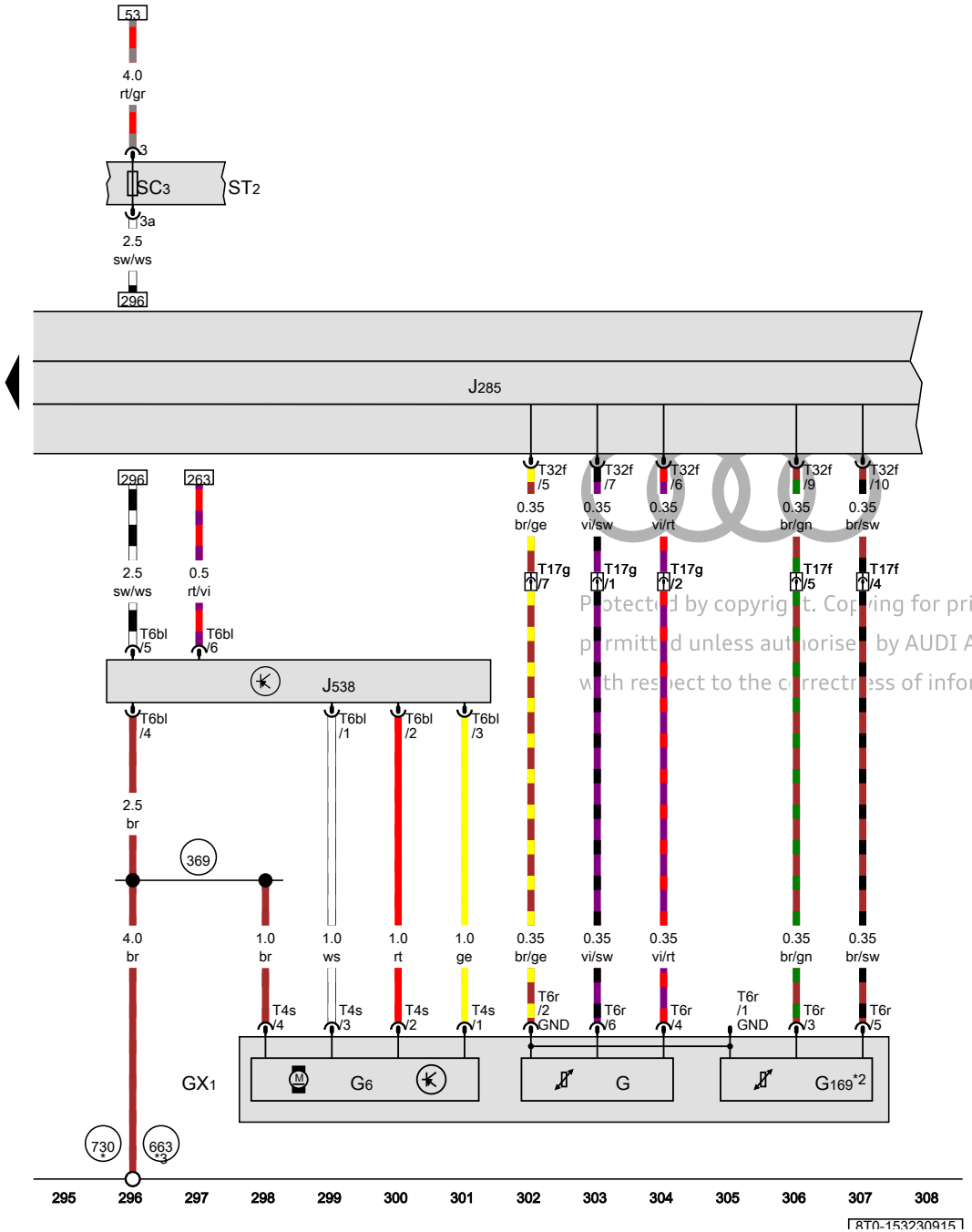


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

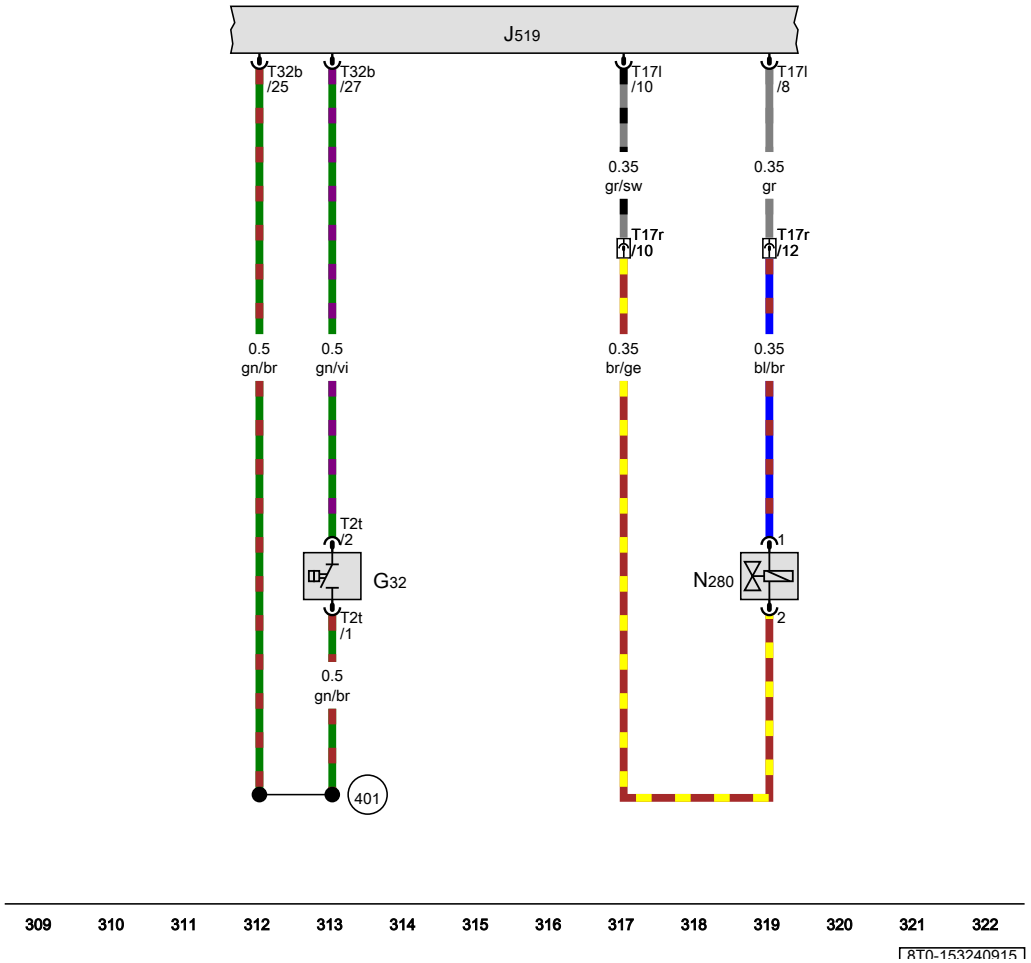
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with all-wheel drive
*3	Only models with 2-doors

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Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness

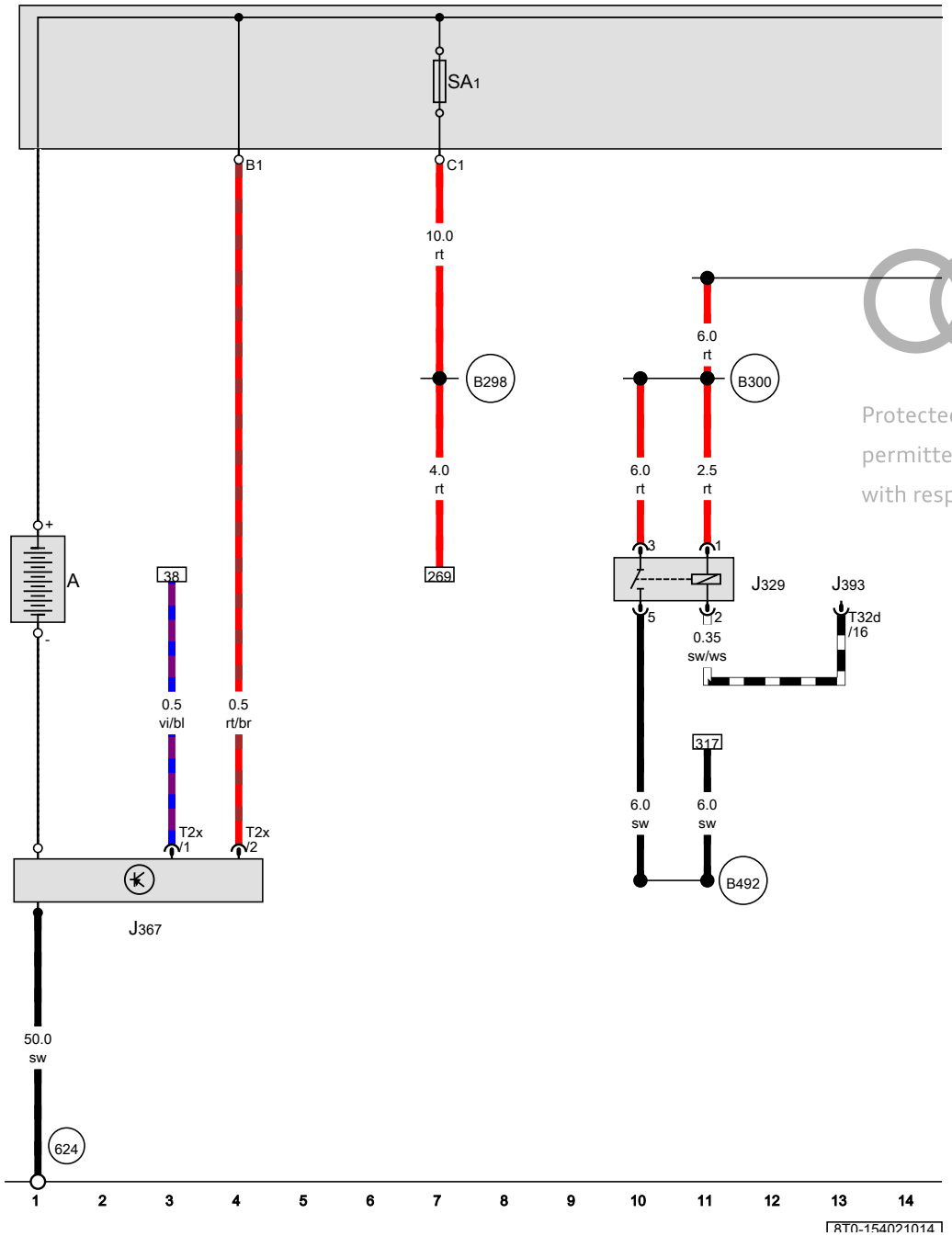


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2.0l diesel engine with start/stop system , CNHA,CNHC,CSUA,CSUB

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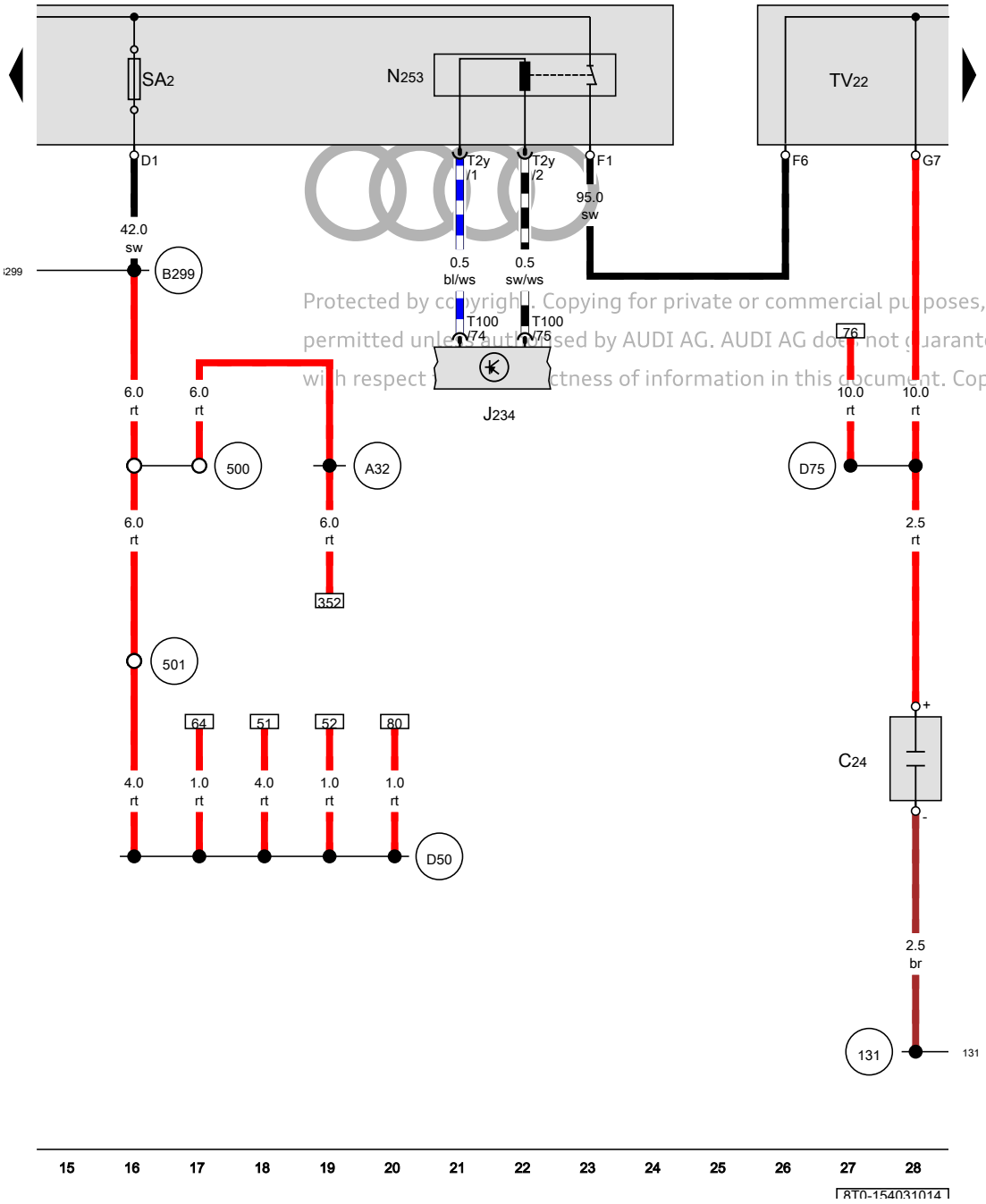


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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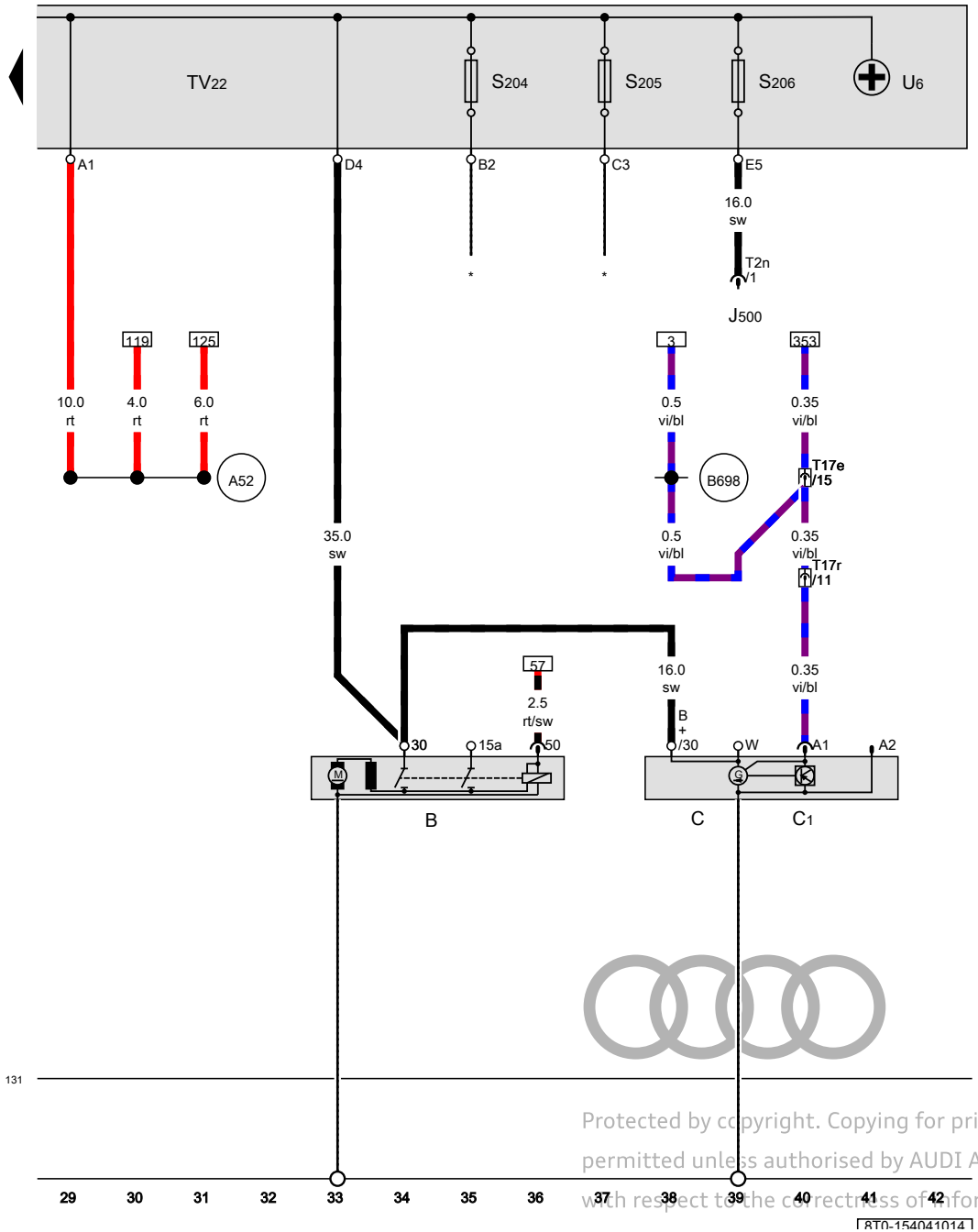


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Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
131	Earth connection 2, in engine compartment wiring harness
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness

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Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

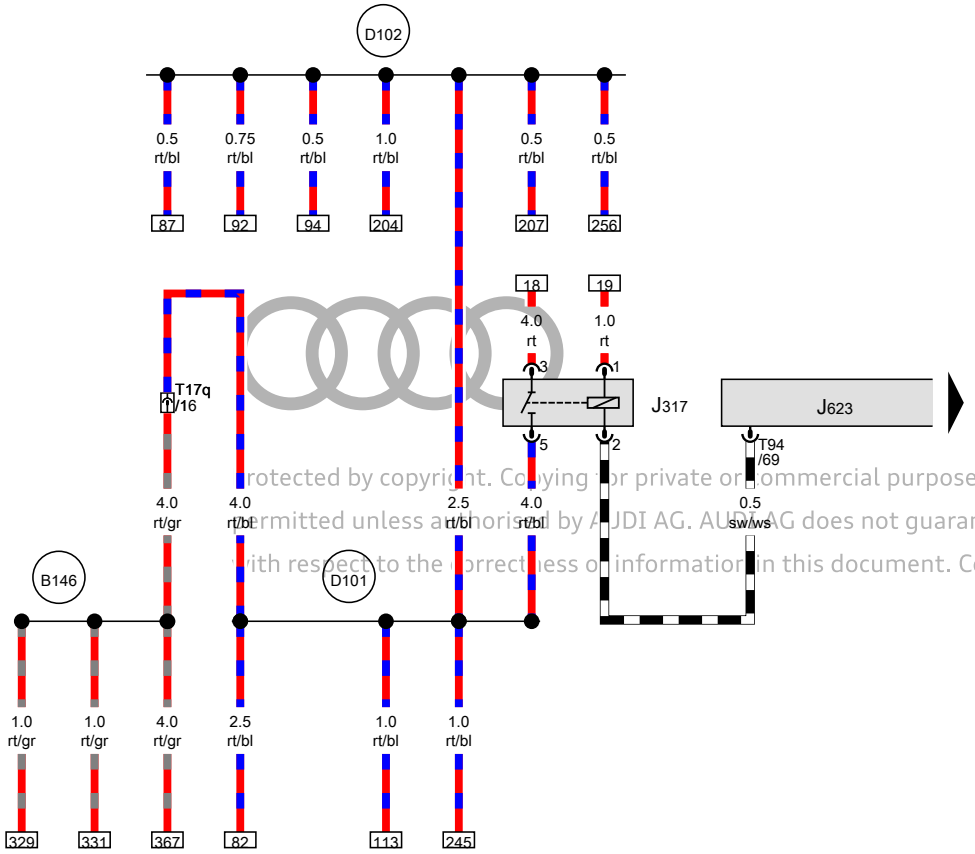
B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
131	Earth connection 2, in engine compartment wiring harness
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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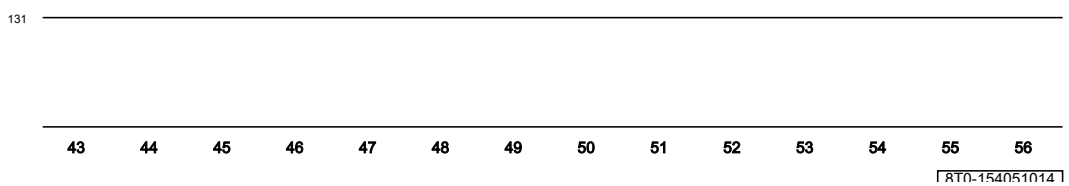
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Terminal 30 voltage supply relay, Engine control unit

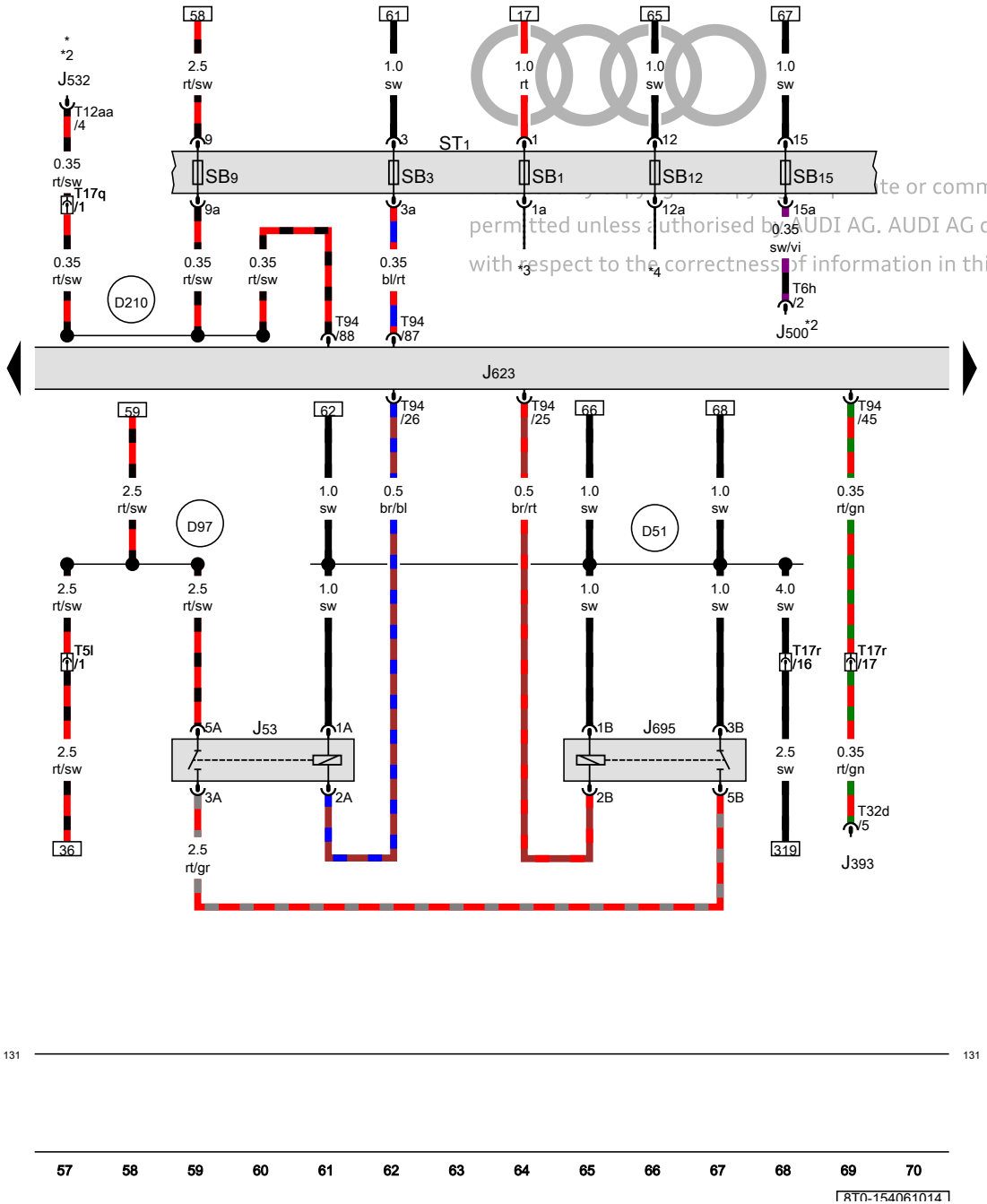
J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness



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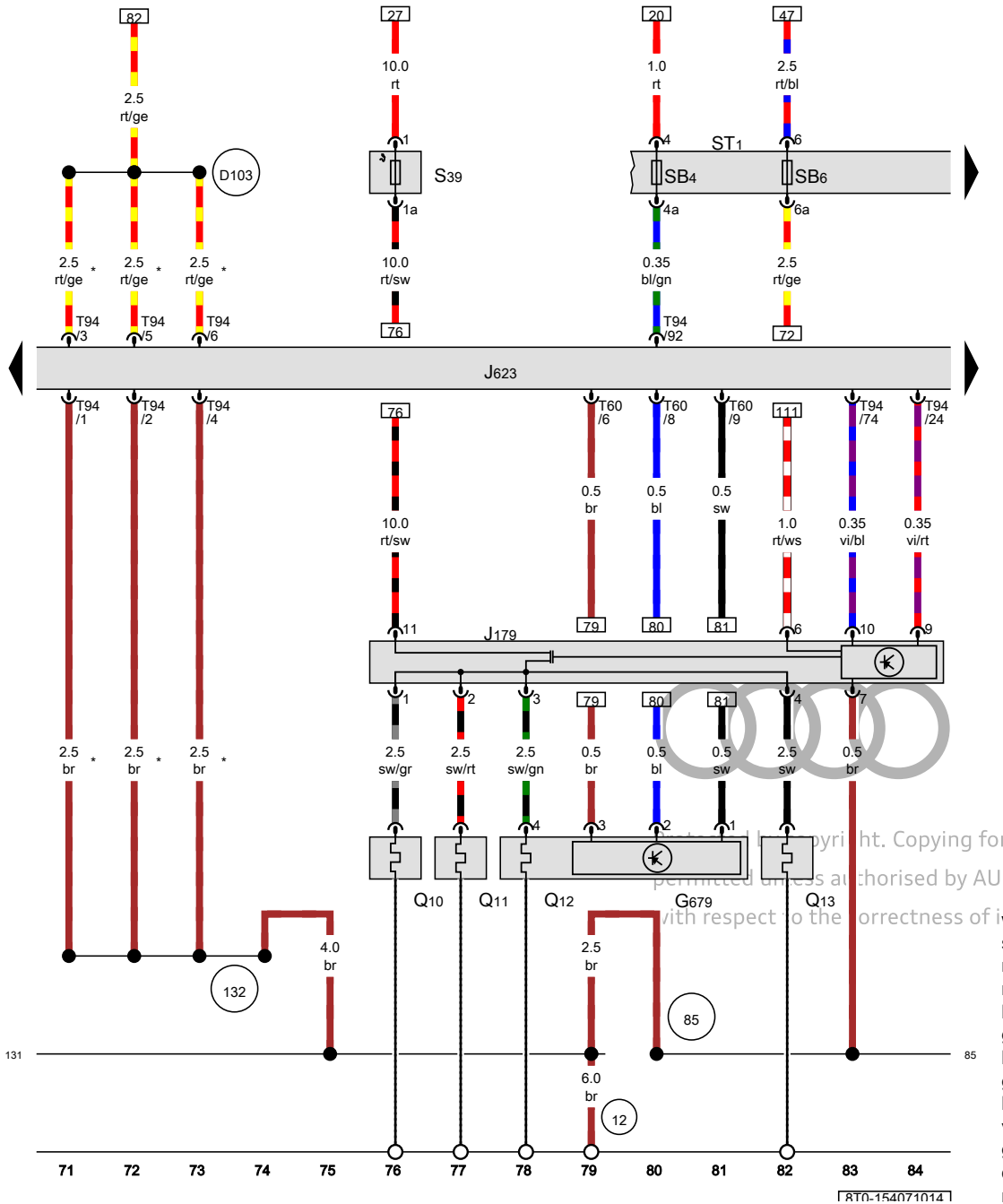


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Starter motor relay, Engine control unit, Starter motor relay 2

J53	Starter motor relay
J393	Convenience system central control unit
J500	Power steering control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T1	Single connector
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T32d	32-pin connector
T94	94-pin connector
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram
*3	see applicable current flow diagram for gearbox
*4	see applicable current flow diagram for automatic gearbox

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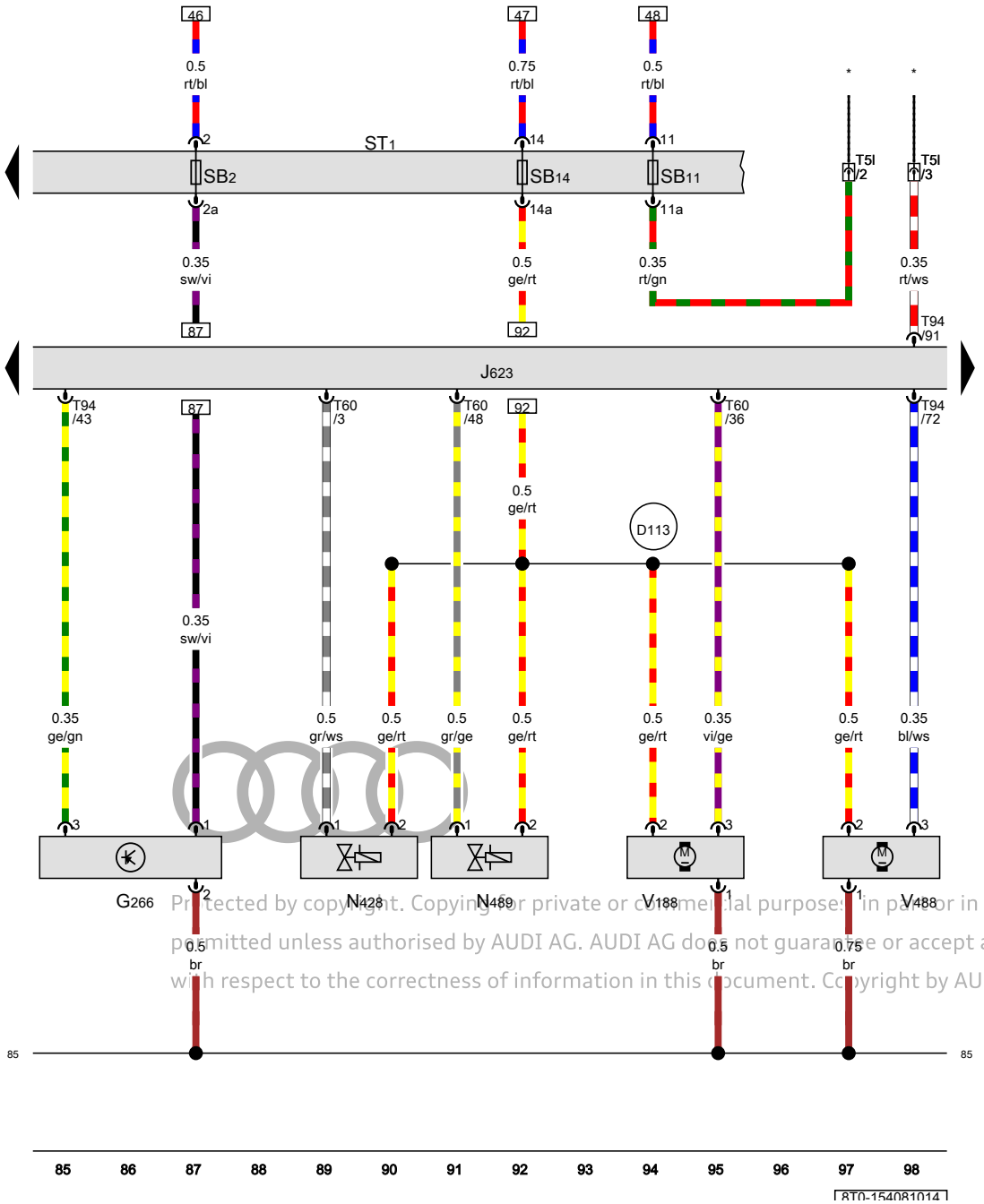


Cylinder 3 combustion chamber pressure sender, Automatic glow period control unit, Engine control unit

G679	Cylinder 3 combustion chamber pressure sender
J179	Automatic glow period control unit
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
S39	Engine glow plug strip fuse
T60	60-pin connector
T94	94-pin connector
12	Earth point, on left in engine compartment
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
D103	Connection 3 in engine compartment wiring harness
*	Cross-section 1.5 possible

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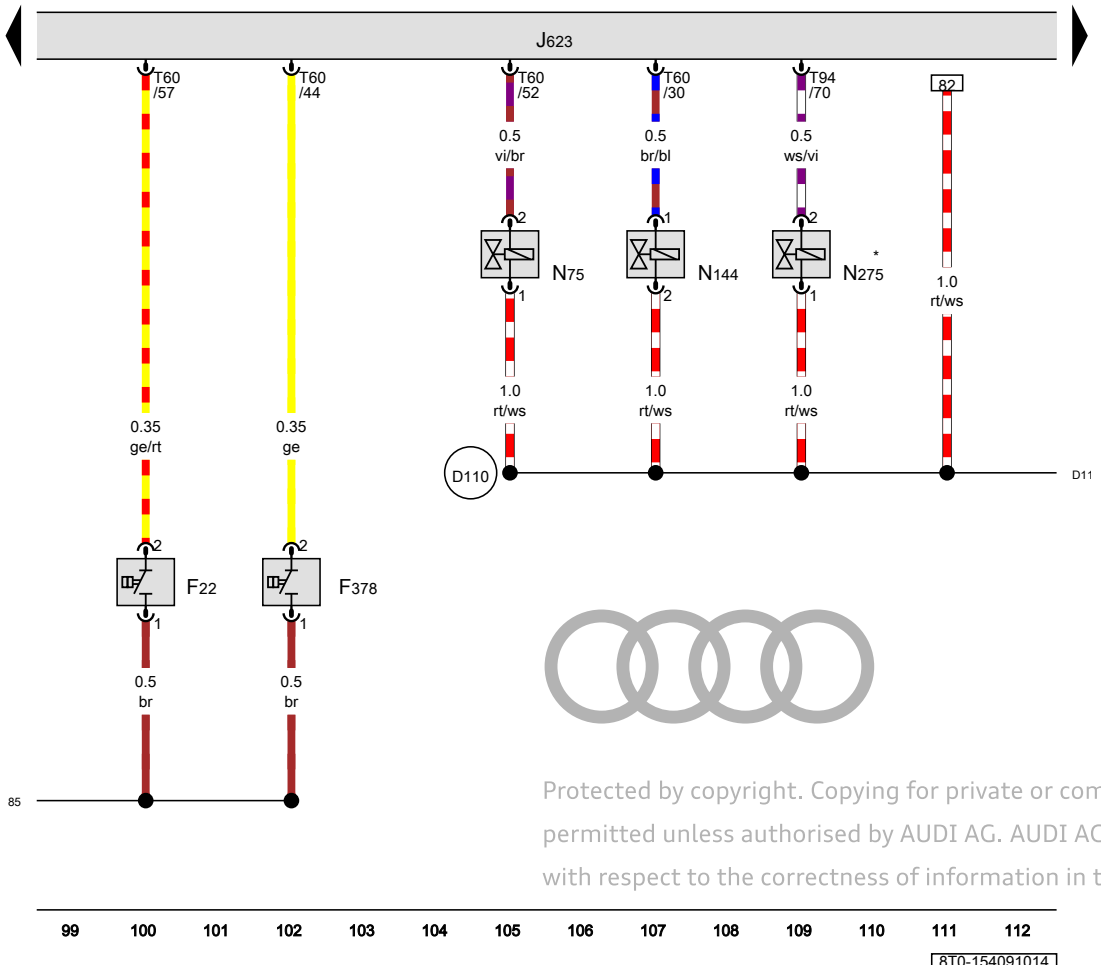
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Oil level and oil temperature sender, Engine control unit, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

G266	Oil level and oil temperature sender
J623	Engine control unit
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
T5l	5-pin connector, in engine compartment
T60	60-pin connector
T94	94-pin connector
V188	Charge air cooling pump
V488	Auxiliary pump for heating
85	Earth connection 1, in engine compartment wiring harness
D113	Connection 11 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

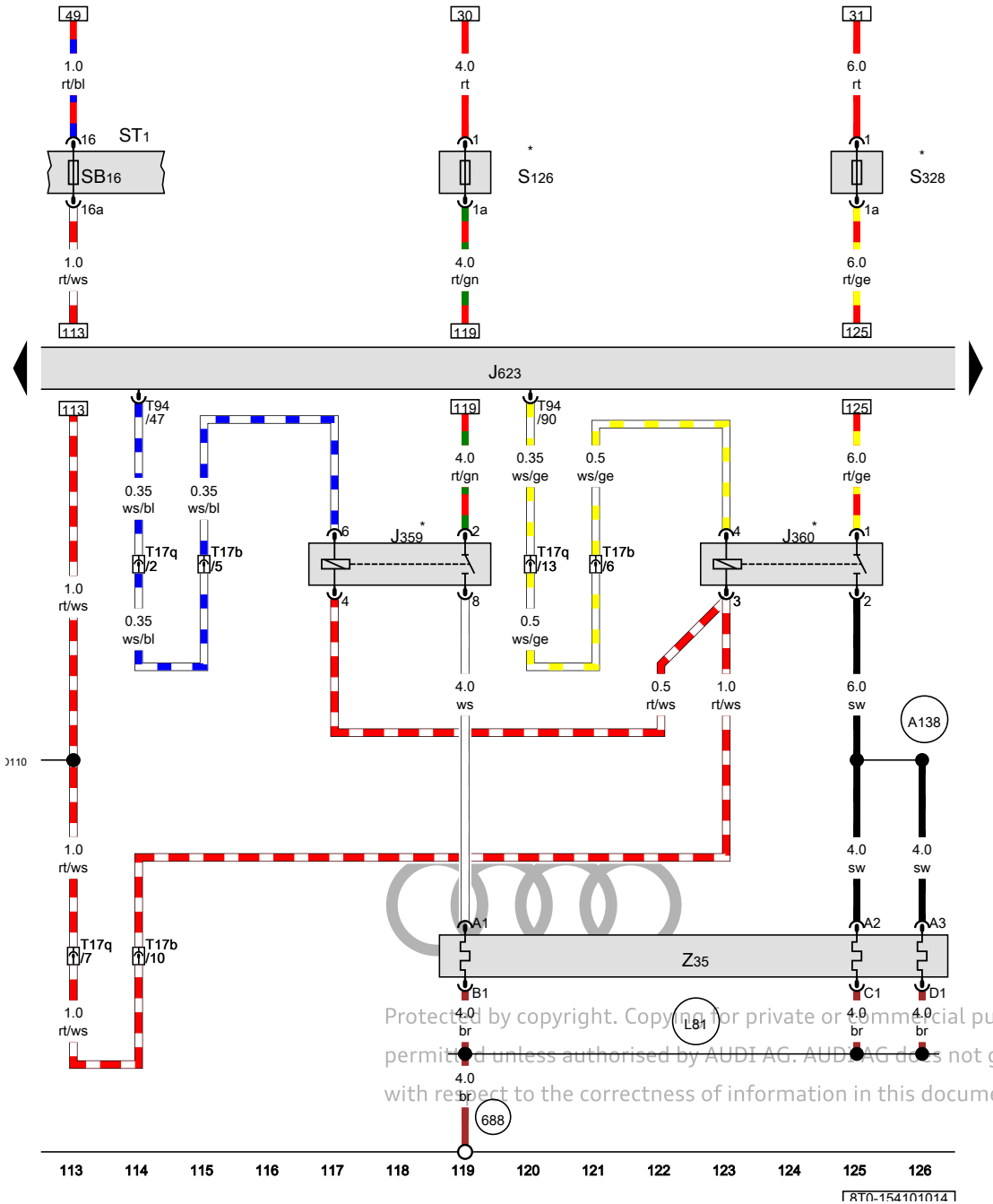
Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Charge pressure control solenoid valve, Left electrohydraulic engine mounting solenoid valve, Air filter bypass flap valve

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N75	Charge pressure control solenoid valve
N144	Left electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
T60	60-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Gradually discontinued



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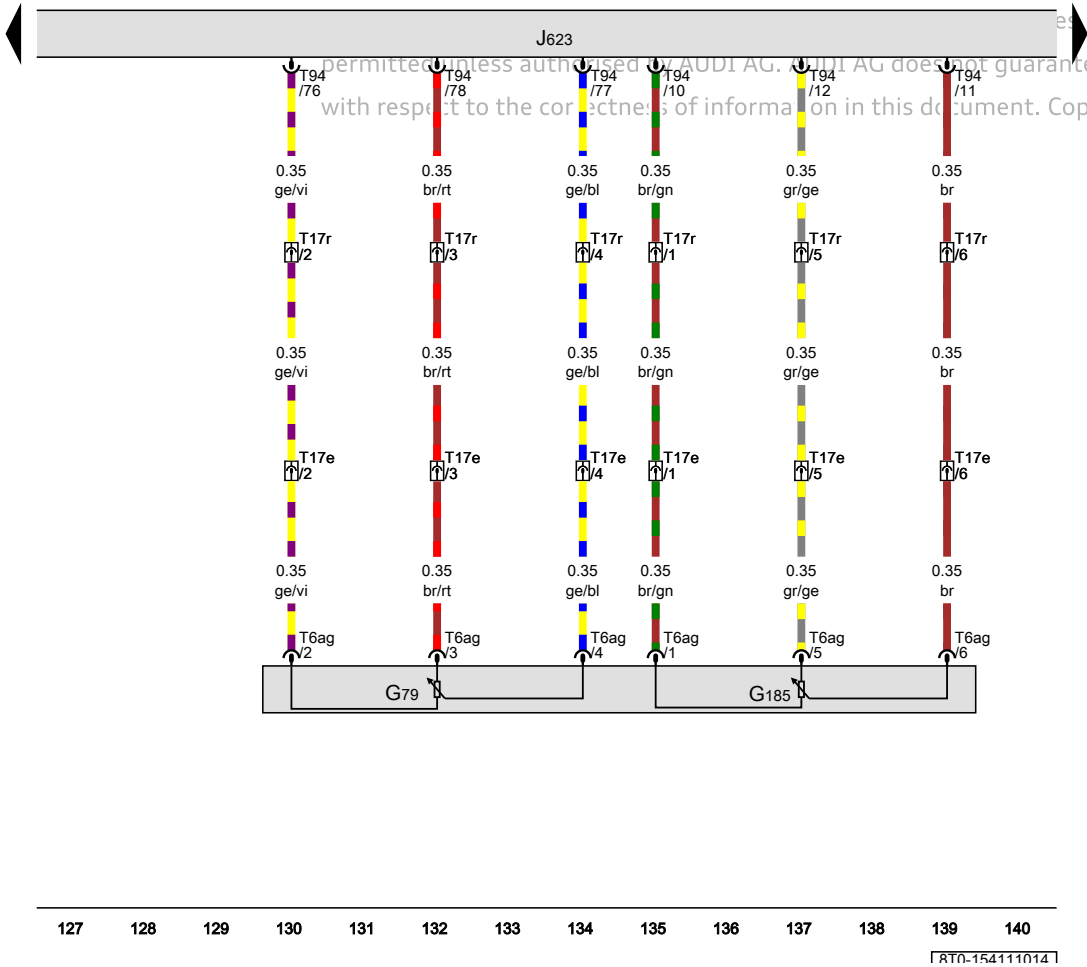
Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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Accelerator position sender, Accelerator position sender 2, Engine control unit

G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T94	94-pin connector



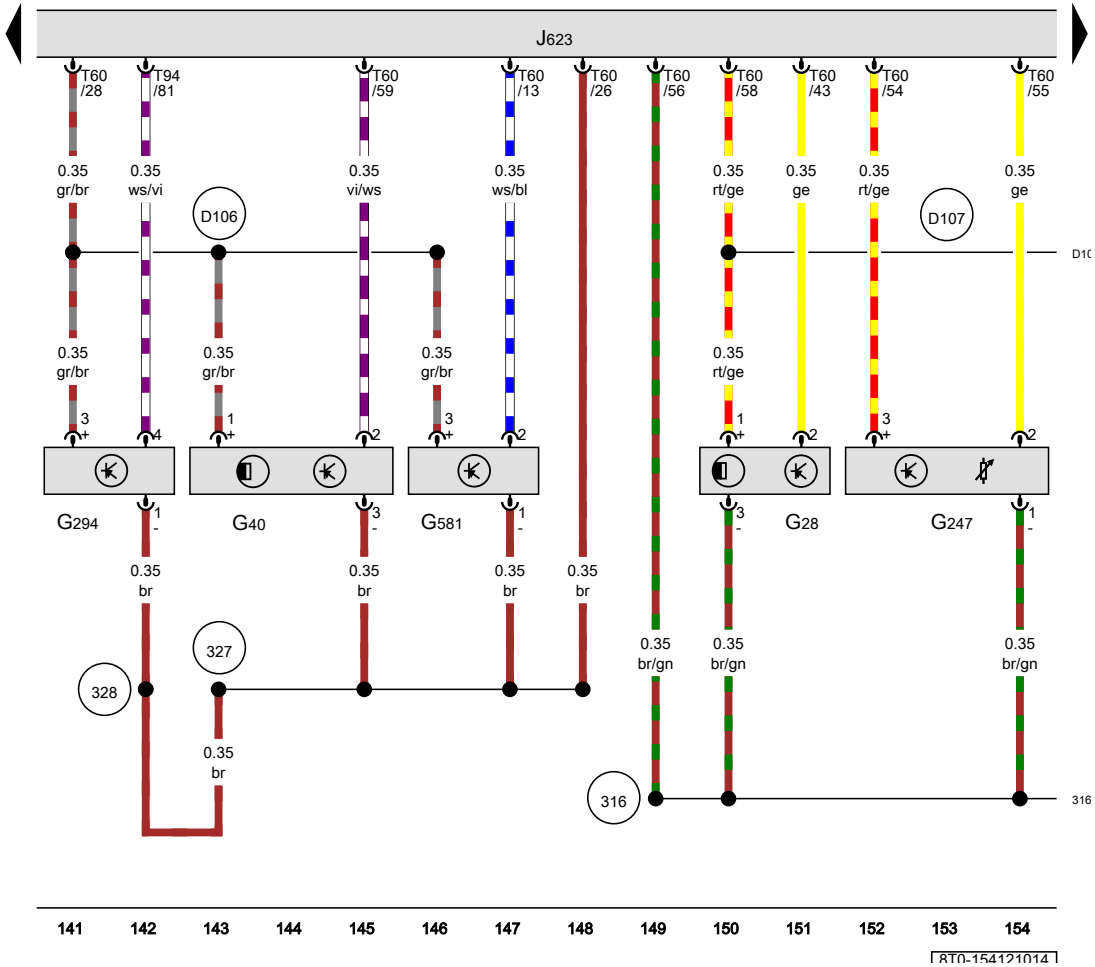
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Engine speed sender, Hall sender, Fuel pressure sender, Brake servo pressure sensor, Position sender for charge pressure positioner, Engine control unit

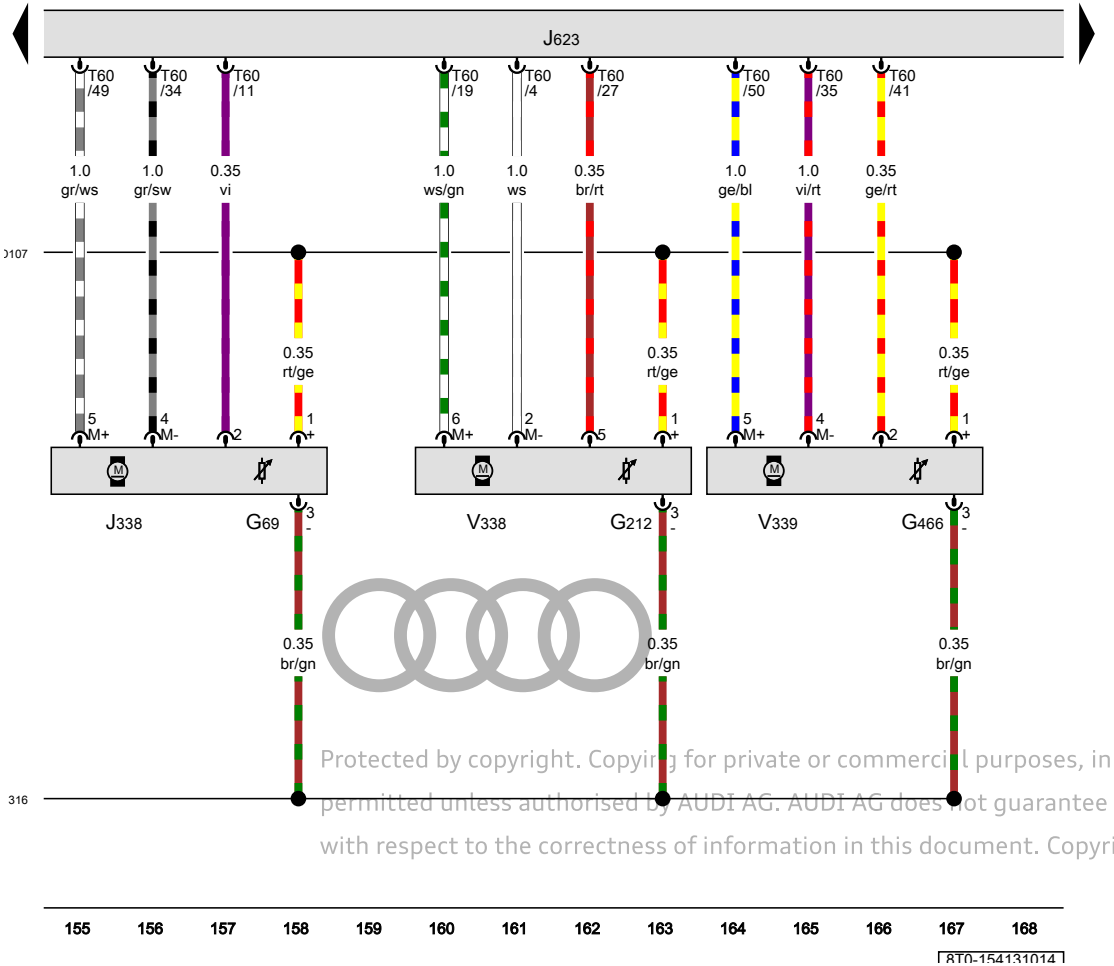
G28	Engine speed sender
G40	Hall sender
G247	Fuel pressure sender
G294	Brake servo pressure sensor
G581	Position sender for charge pressure positioner
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
316	Earth connection (sender earth 2) in engine wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D107	Connection 5 in engine compartment wiring harness



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Throttle valve potentiometer, Exhaust gas recirculation potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

G69	Throttle valve potentiometer
G212	Exhaust gas recirculation potentiometer
G466	Exhaust gas recirculation potentiometer 2
J338	Throttle valve module
J623	Engine control unit
T60	60-pin connector
V338	Exhaust gas recirculation control motor
V339	Exhaust gas recirculation control motor 2
316	Earth connection (sender earth 2) in engine wiring harness
D107	Connection 5 in engine compartment wiring harness



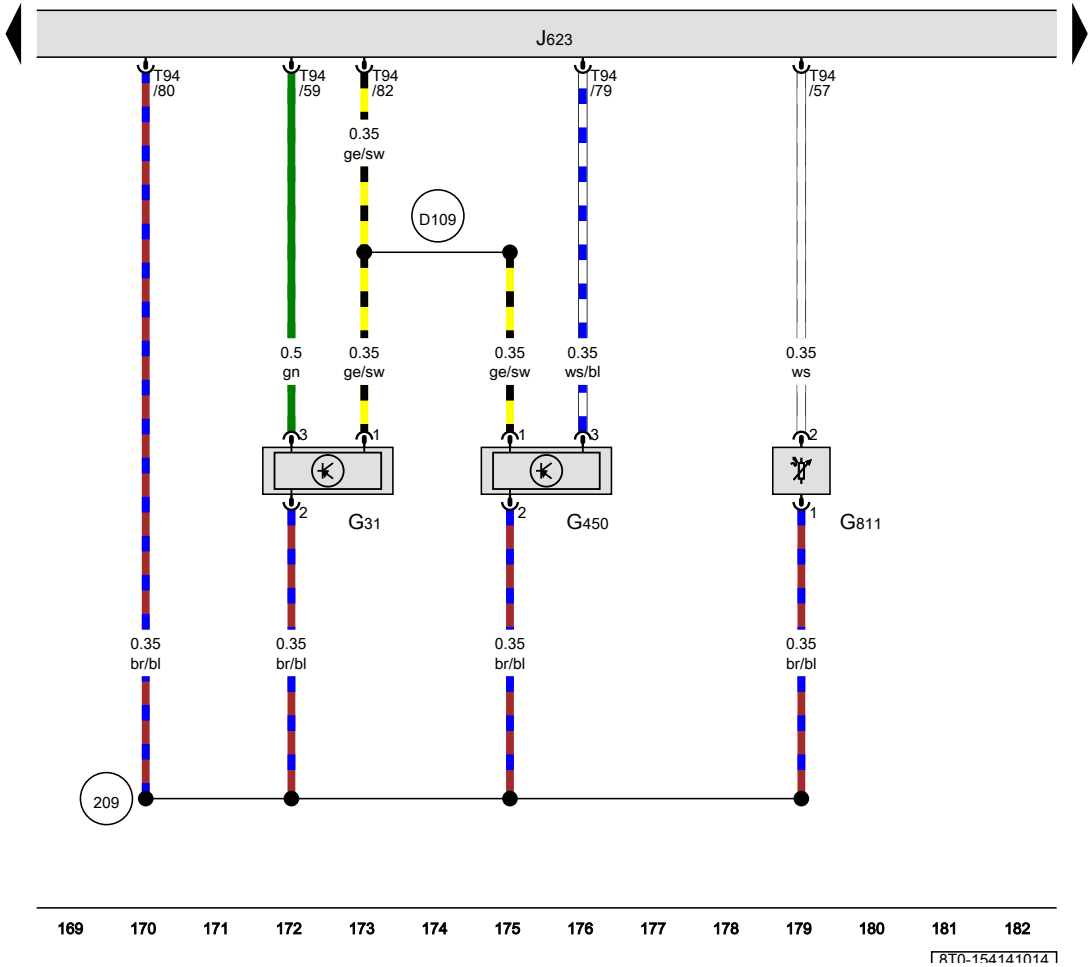
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Charge pressure sender, Exhaust gas pressure sensor 1, Charge air temperature sender after charge air cooler, Engine control unit

G31	Charge pressure sender
G450	Exhaust gas pressure sensor 1
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T94	94-pin connector
209	Earth connection 6, in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

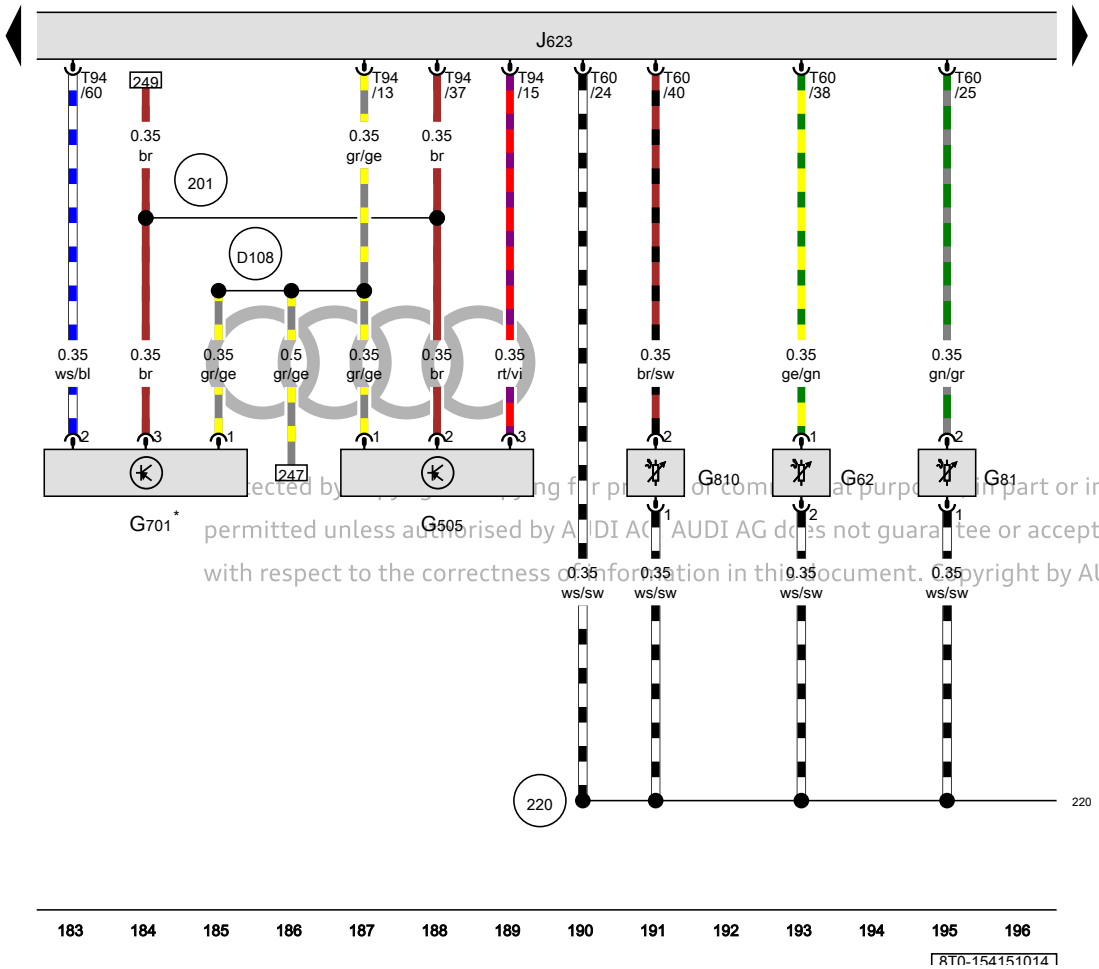
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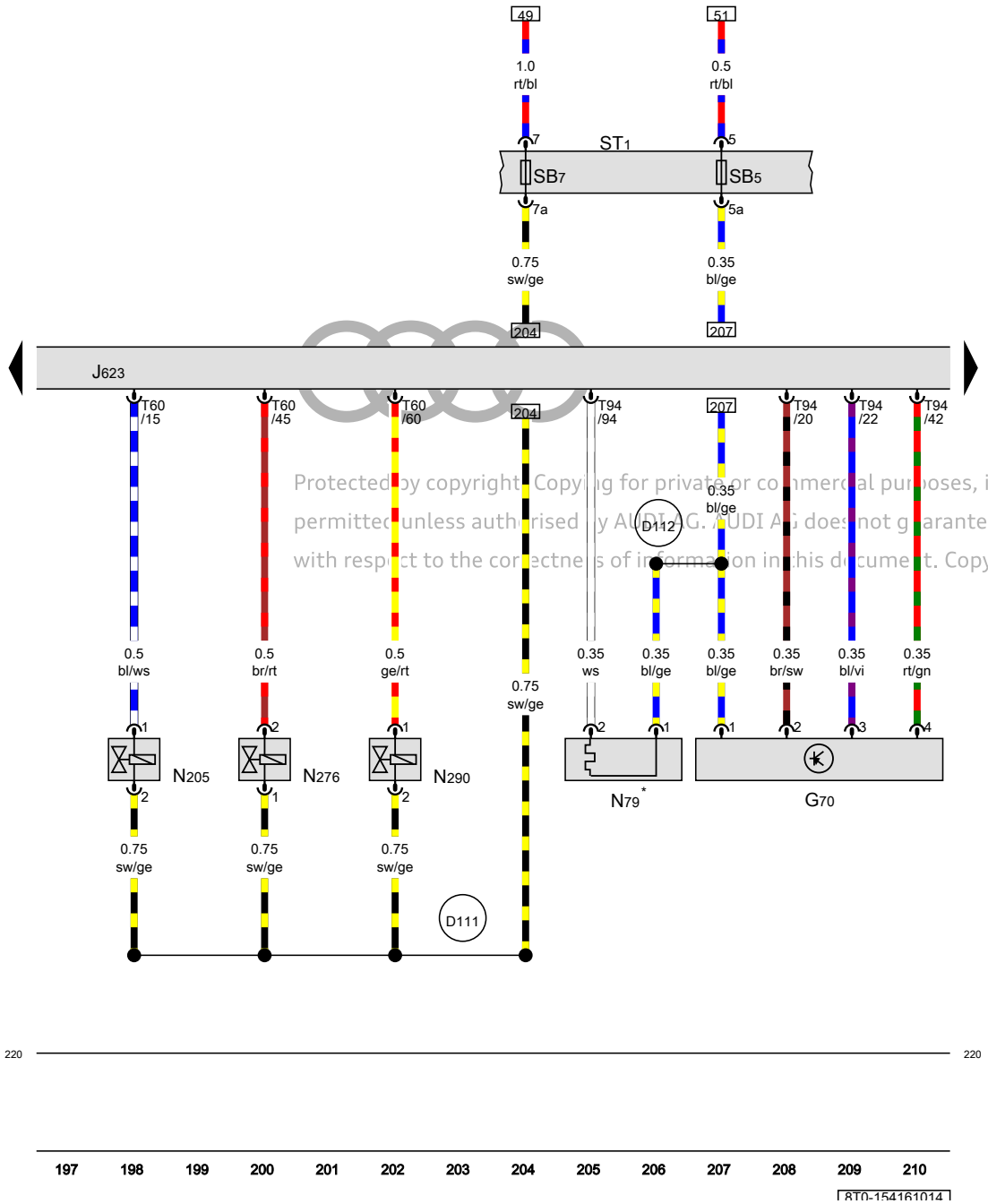
Coolant temperature sender, Fuel temperature sender, Pressure differential sender, Gearbox neutral position sender, Charge air temperature sender before charge air cooler, Engine control unit

G62	Coolant temperature sender
G81	Fuel temperature sender
G505	Pressure differential sender
G701	Gearbox neutral position sender
G810	Charge air temperature sender before charge air cooler
J623	Engine control unit
T60	60-pin connector
T94	94-pin connector
201	Earth connection 5, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
D108	Connection 6 in engine compartment wiring harness
*	Only models with manual gearbox



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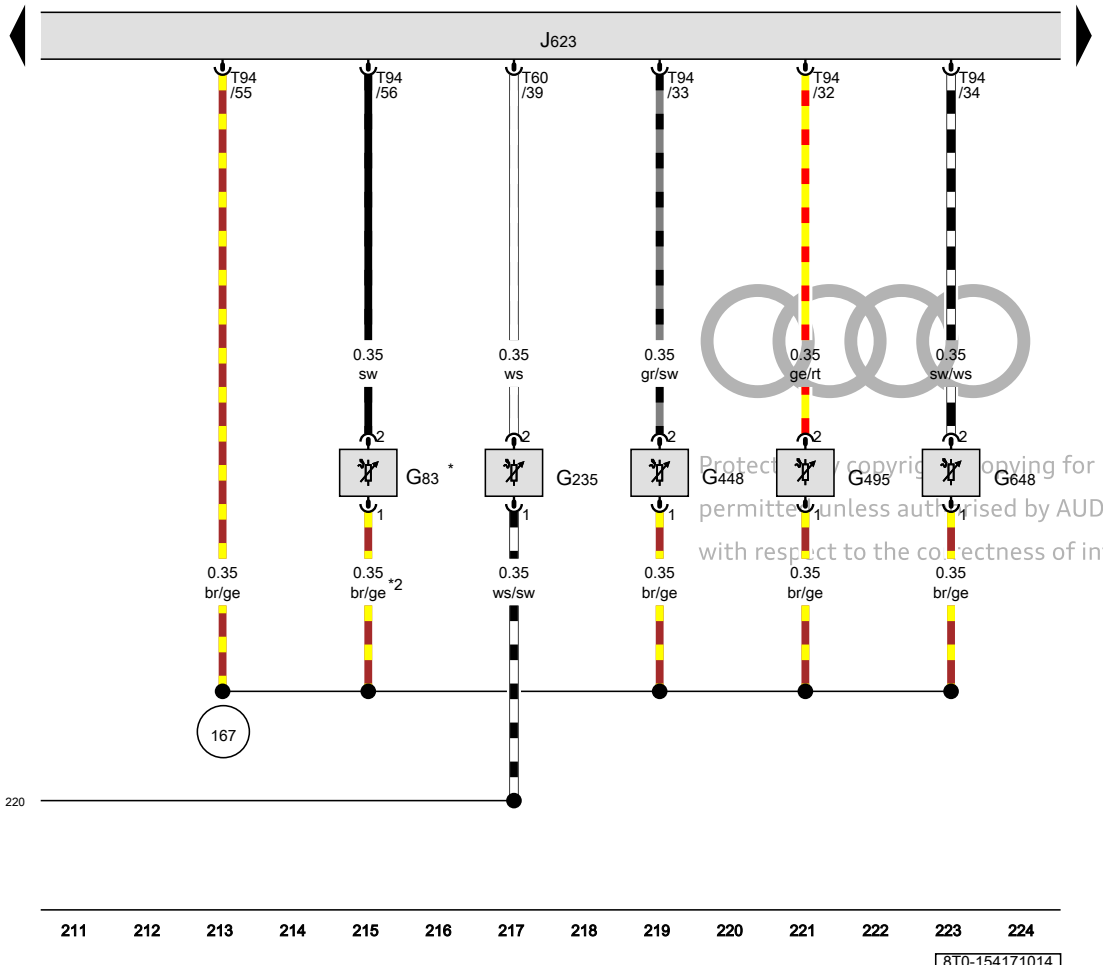
Air mass meter, Engine control unit, Heater element for crankcase breather, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

G70	Air mass meter
J623	Engine control unit
N79	Heater element for crankcase breather
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T60	60-pin connector
T94	94-pin connector
220	Earth connection (sender earth), in engine wiring harness
D111	Connection 9 in engine compartment wiring harness
D112	Connection 10 in engine compartment wiring harness
*	Only models with crankcase breather heater element

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ge	=	yellow
or	=	orange
rs	=	pink

Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

G83	Radiator outlet coolant temperature sender
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 control unit
T60	60-pin connector
T94	94-pin connector
167	Earth connection 4, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
*	According to equipment
*2	Wiring colour depends on equipment



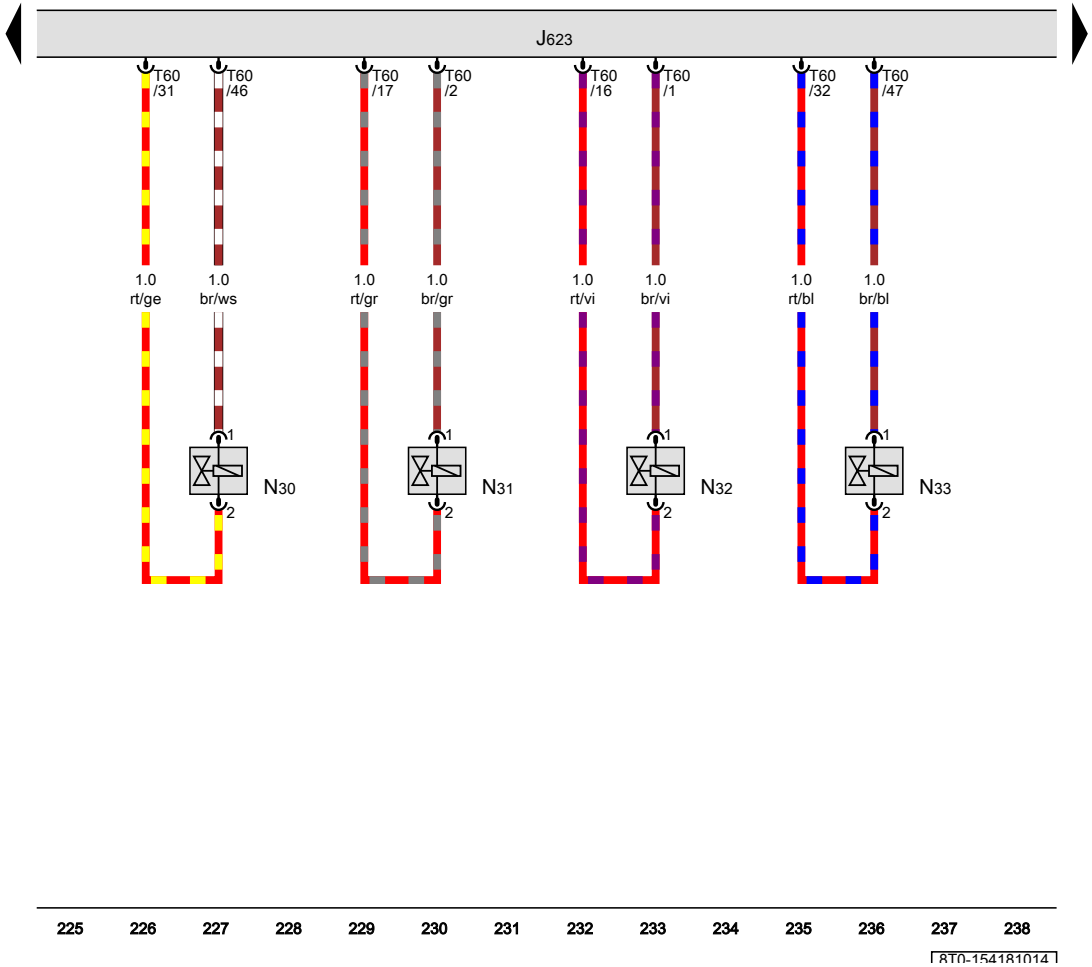
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

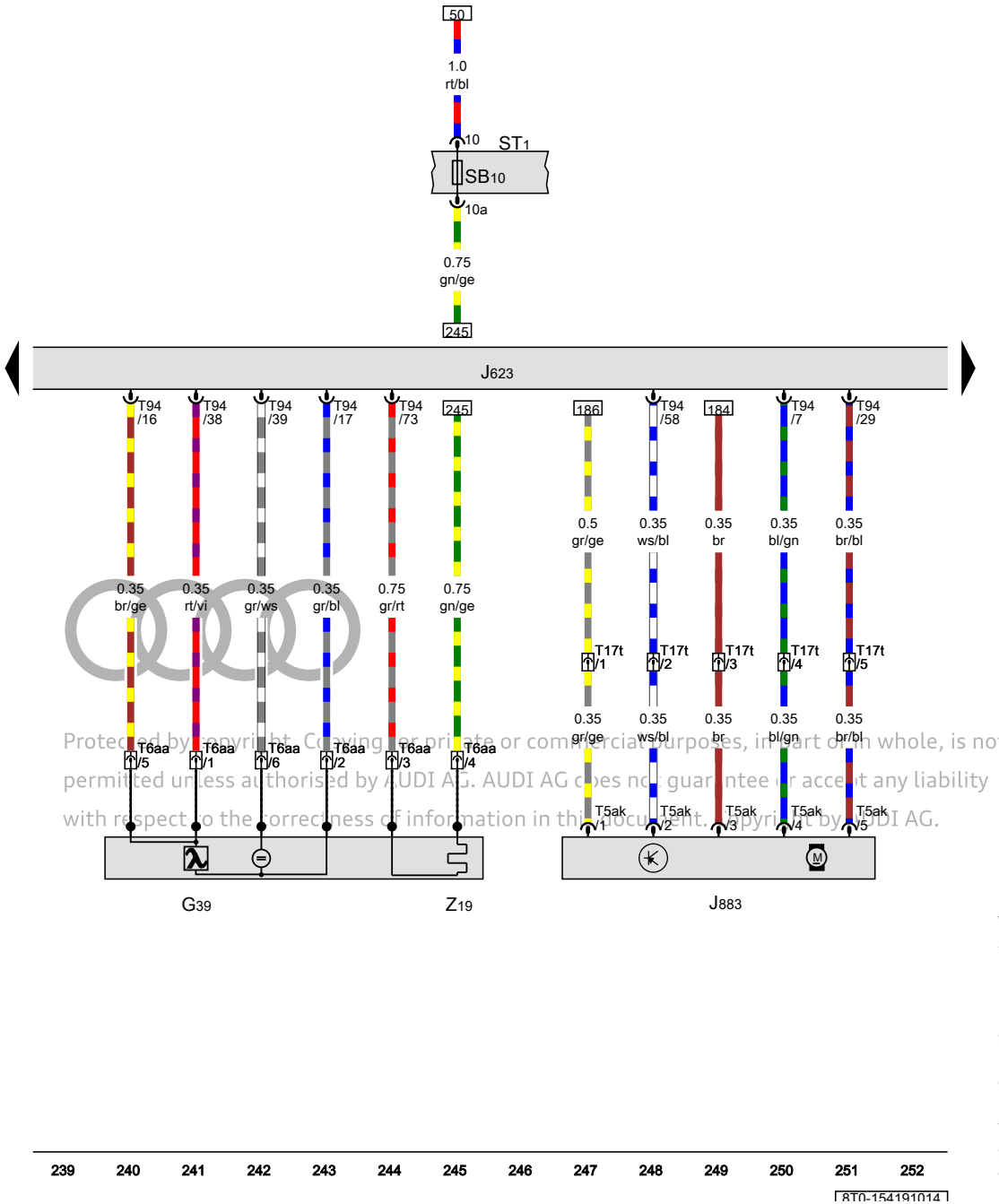
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector



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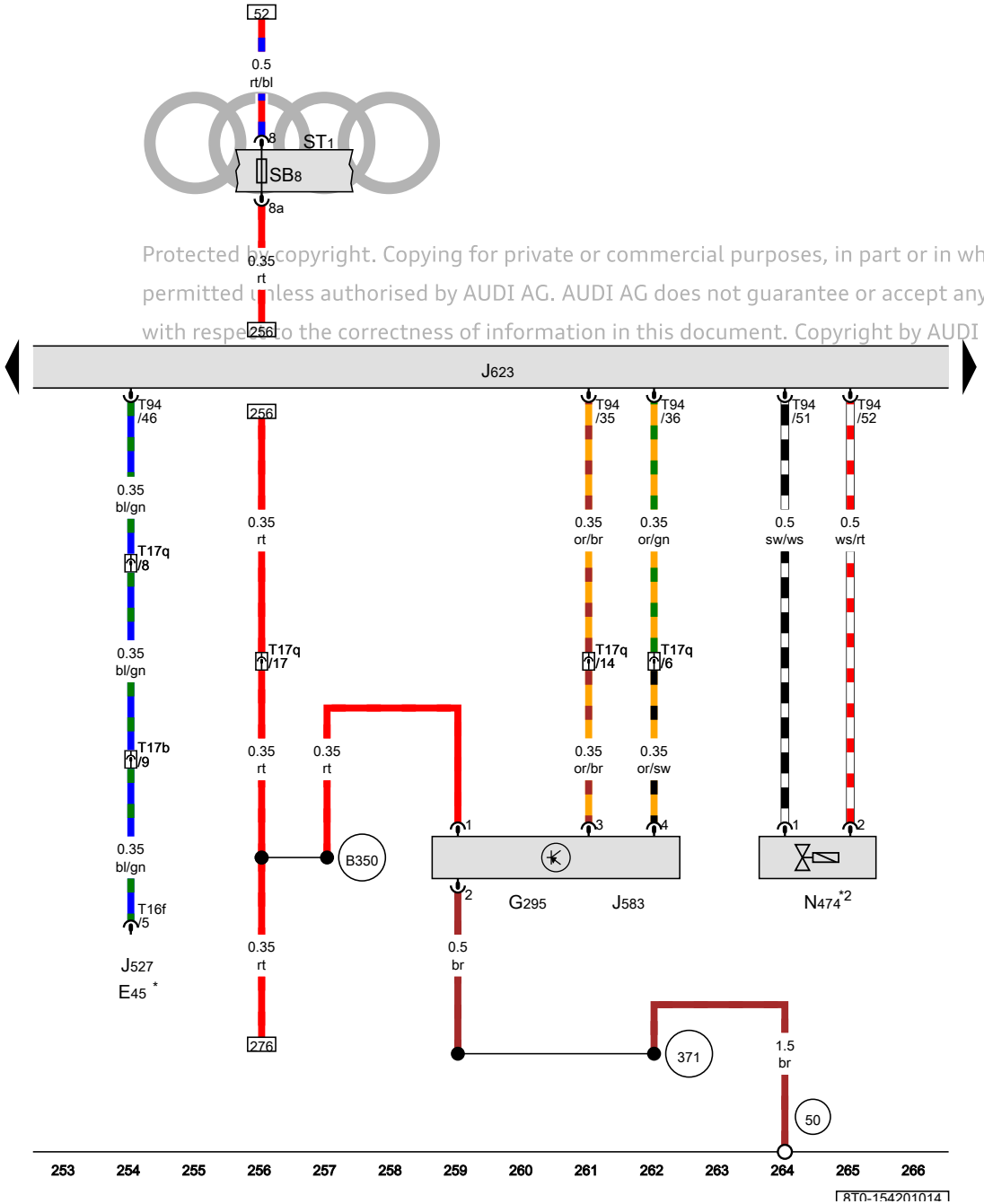
Lambda probe, Engine control unit, Exhaust flap control unit

G39	Lambda probe
J623	Engine control unit
J883	Exhaust flap control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T5ak	5-pin connector
T6aa	6-pin connector, black
T17t	17-pin connector, brown
T94	94-pin connector
Z19	Lambda probe heater



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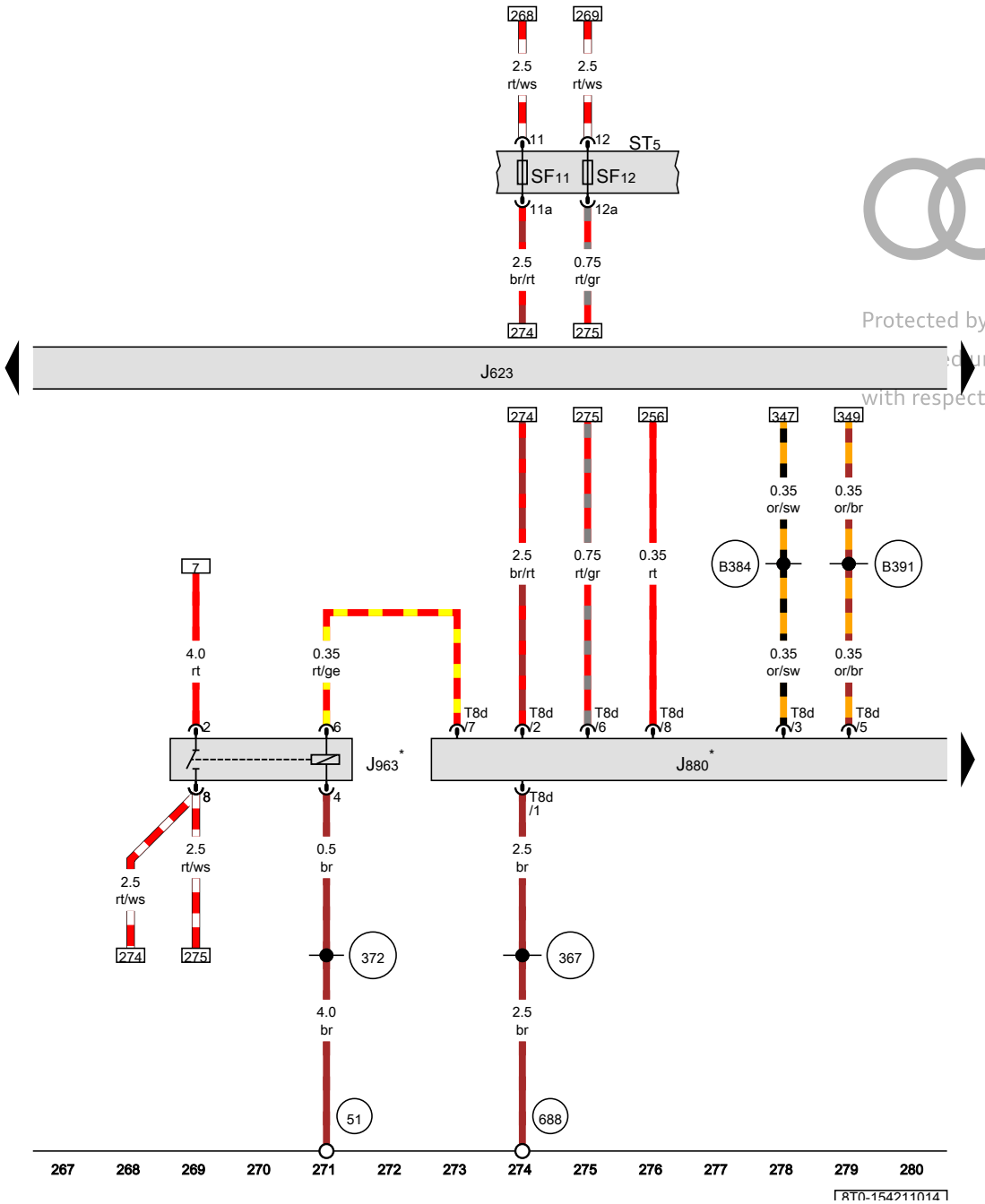


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NOx sender, Control unit for NOx sender, Engine control unit, Injector for reducing agent

E45	Cruise control system switch
G295	NOx sender
J527	Steering column electronics control unit
J583	Control unit for NOx sender
J623	Engine control unit
N474	Injector for reducing agent
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T94	94-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with reducing agent metering system



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

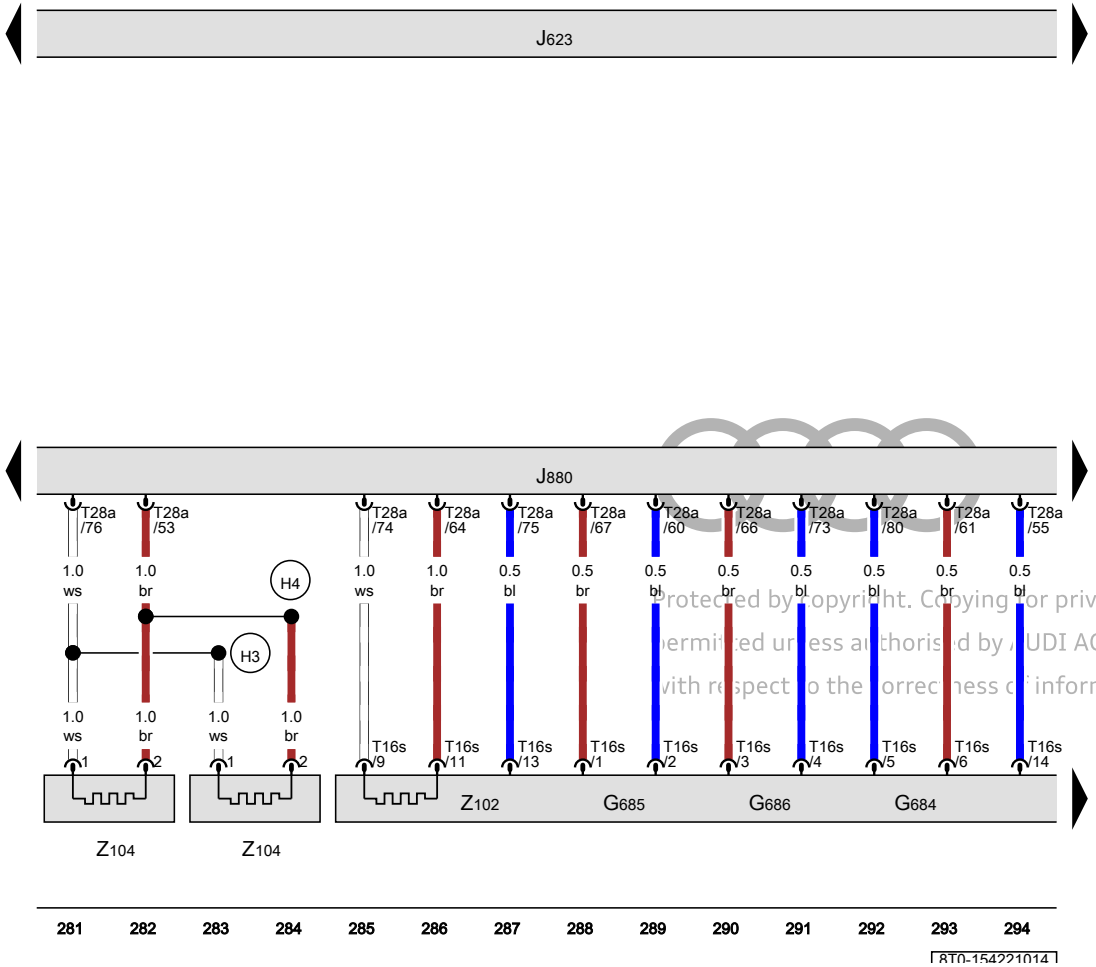
J623	Engine control unit
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST5	Fuse carrier 5
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T8d	8-pin connector
51	Earth point, on right in luggage compartment
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
688	Earth point 2, on centre tunnel
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 reducing agent metering system

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Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Engine control unit, 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
J623	Engine control unit
J880	Control unit for reducing agent metering system
T16s	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)
H3	Connection 1 in wiring harness for reducing-agent tank
H4	Connection 2 in wiring harness for reducing-agent tank

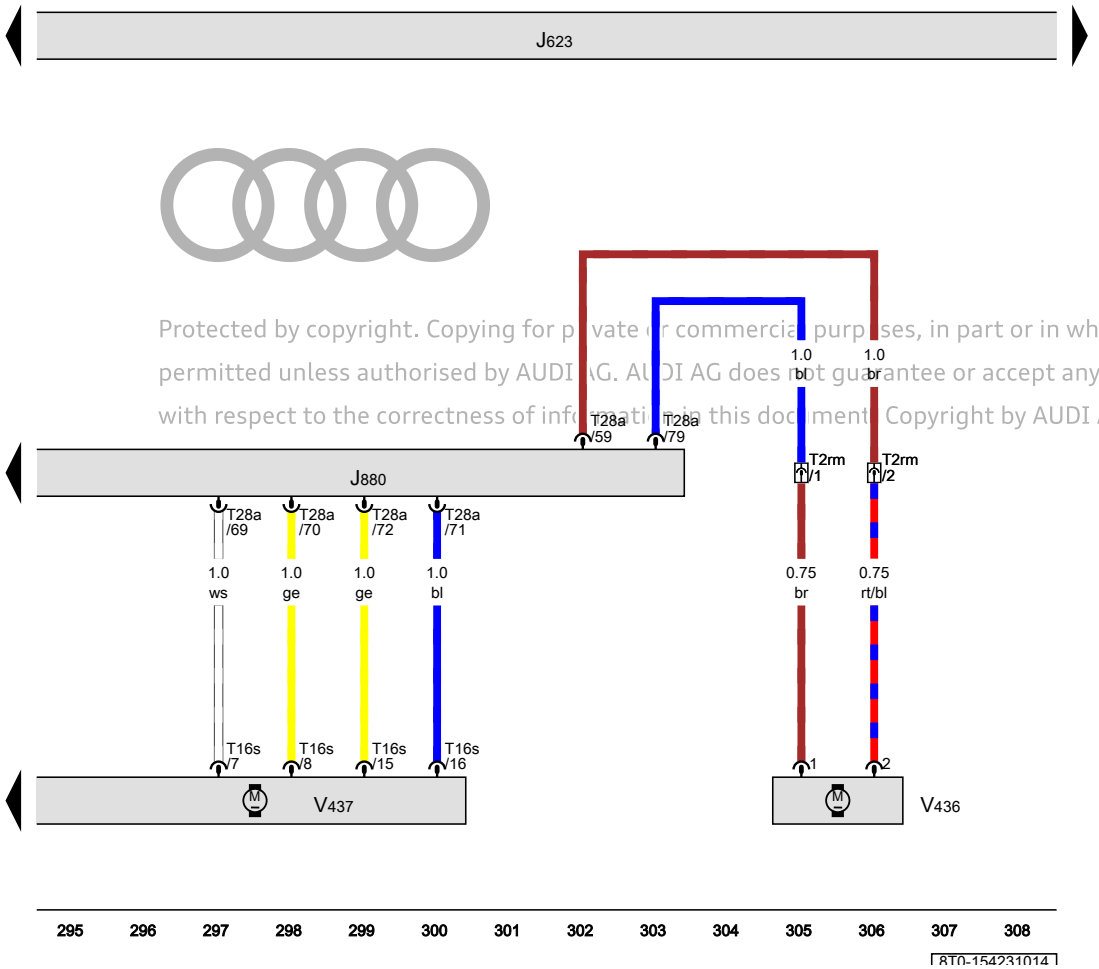


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Engine control unit, Control unit for reducing agent metering system, Transfer pump for reducing agent, Pump for reducing agent

J623	Engine control unit
J880	Control unit for reducing agent metering system
T2rm	2-pin connector, black
T16s	16-pin connector
T28a	28-pin connector
V436	Transfer pump for reducing agent
V437	Pump for reducing agent

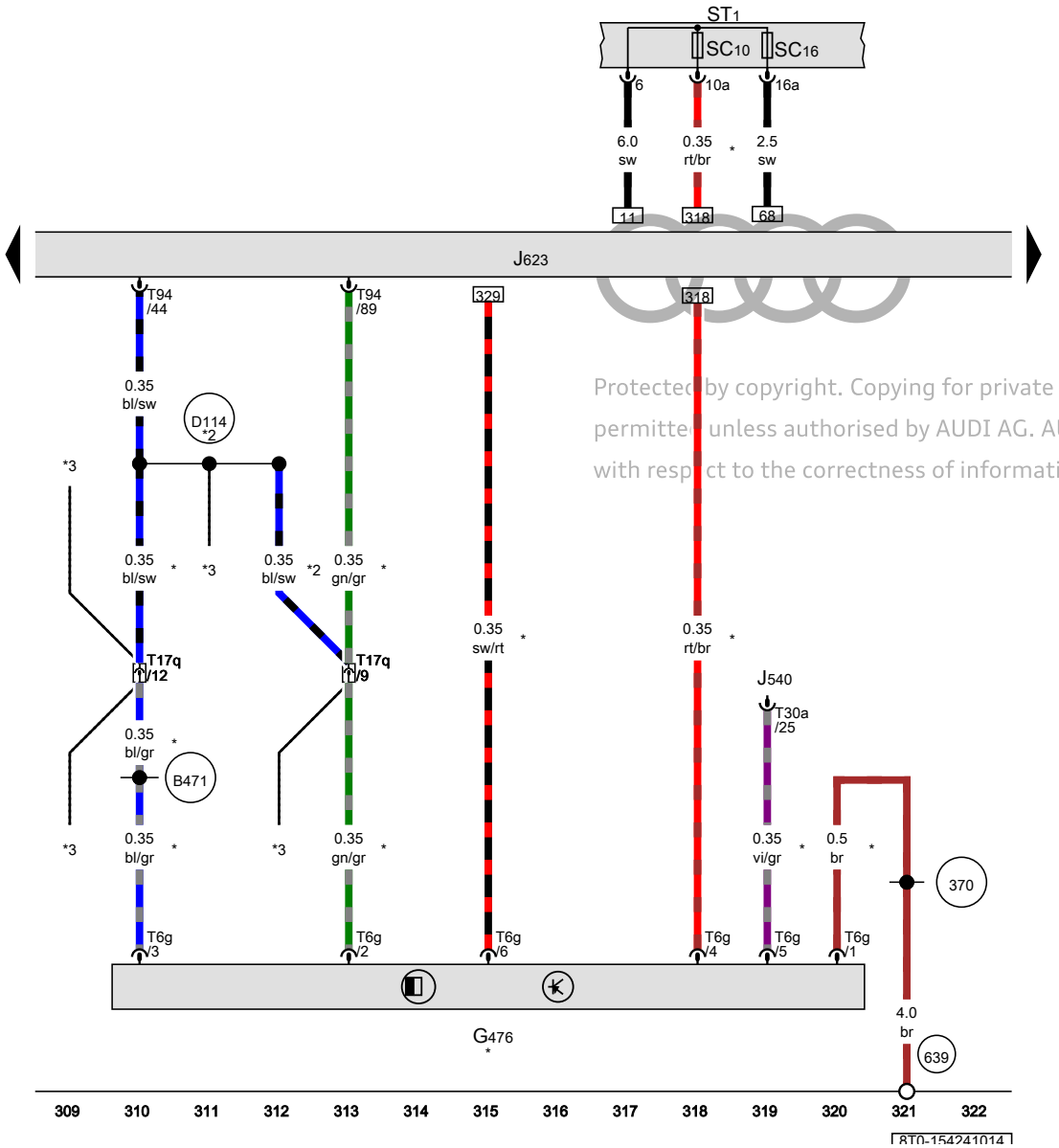


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Clutch position sender, Engine control unit

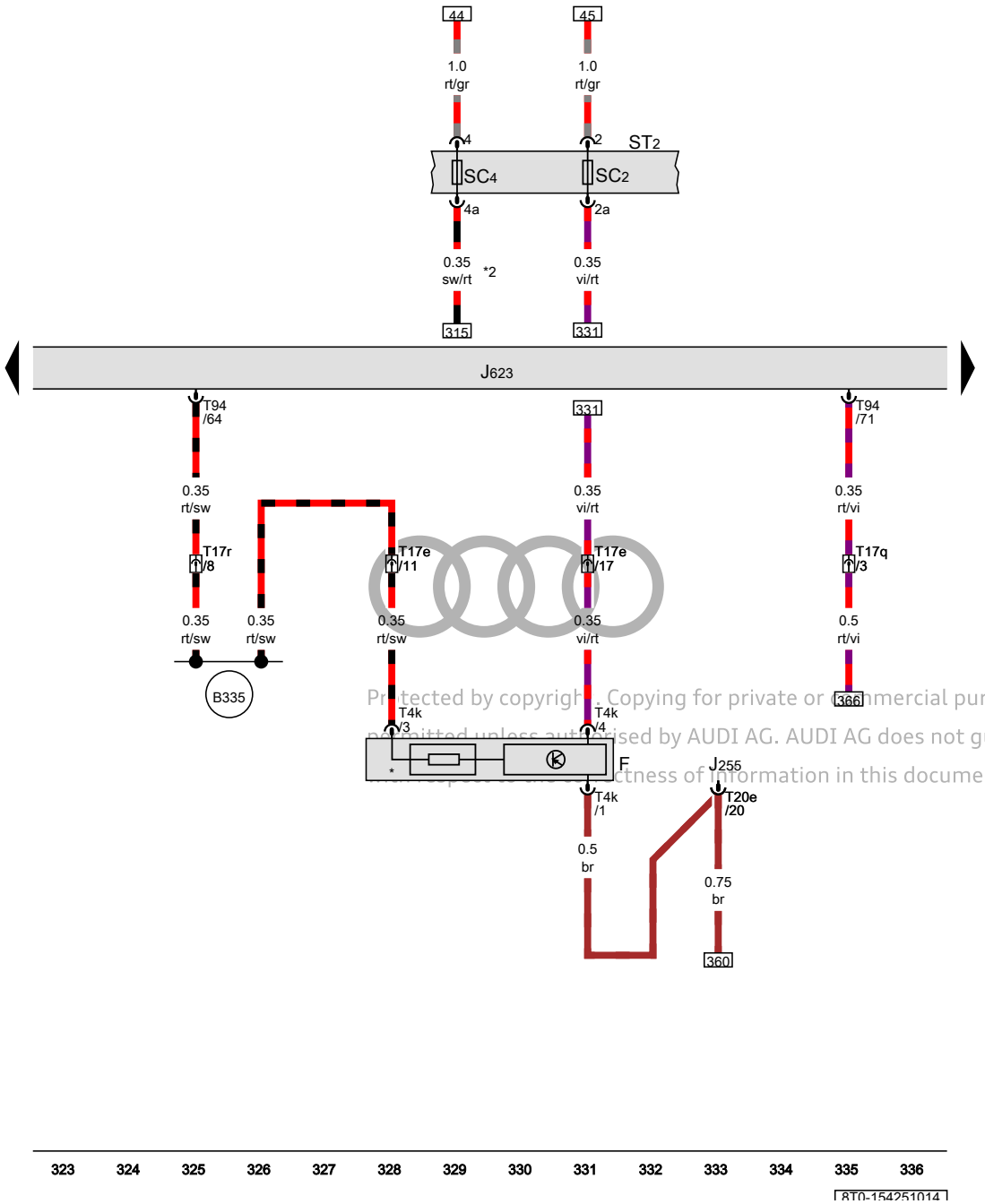
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T94	94-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox



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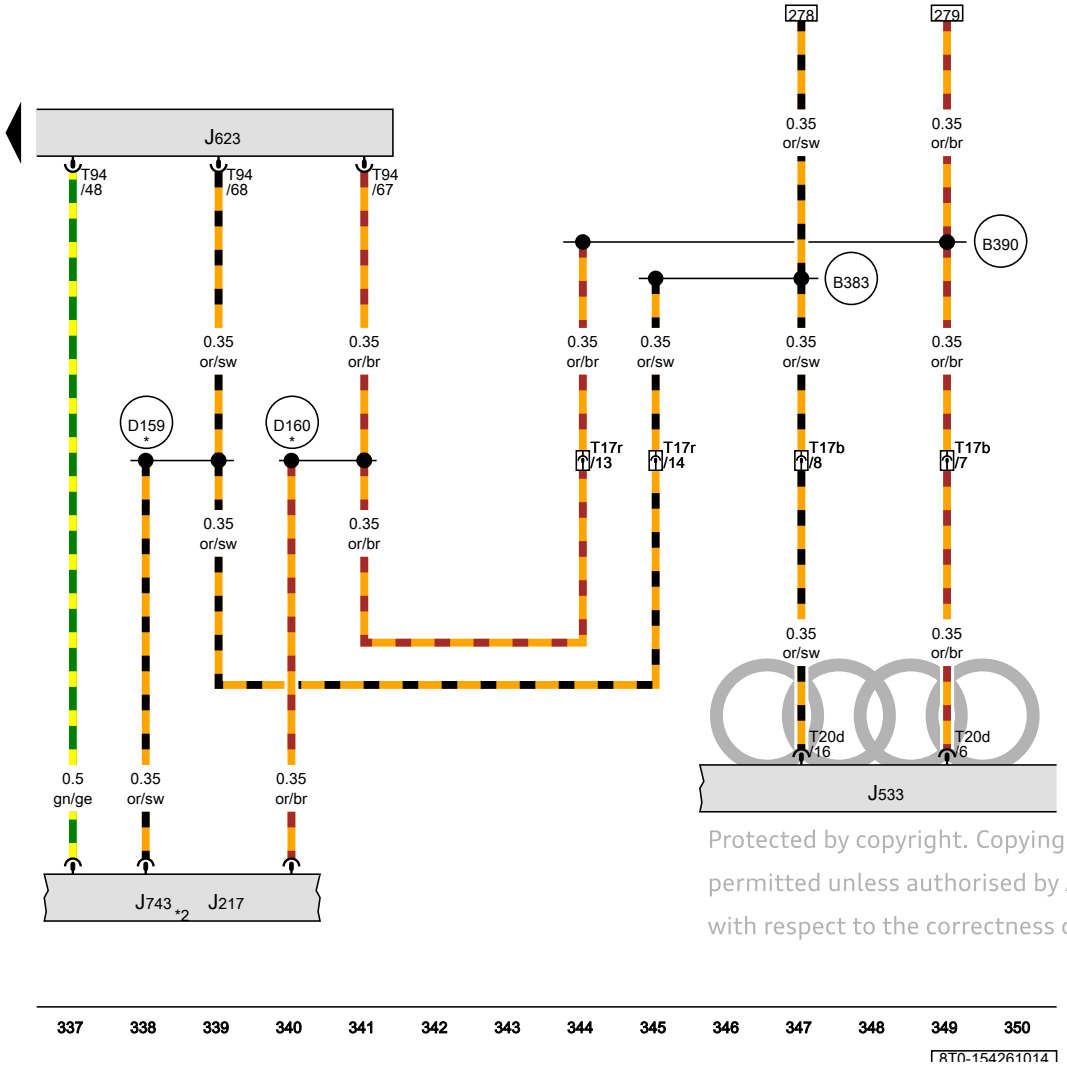
Brake light switch, Engine control unit



F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, black
T17r	17-pin connector, white
T20e	20-pin connector
T94	94-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with manual gearbox

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rs	=	pink

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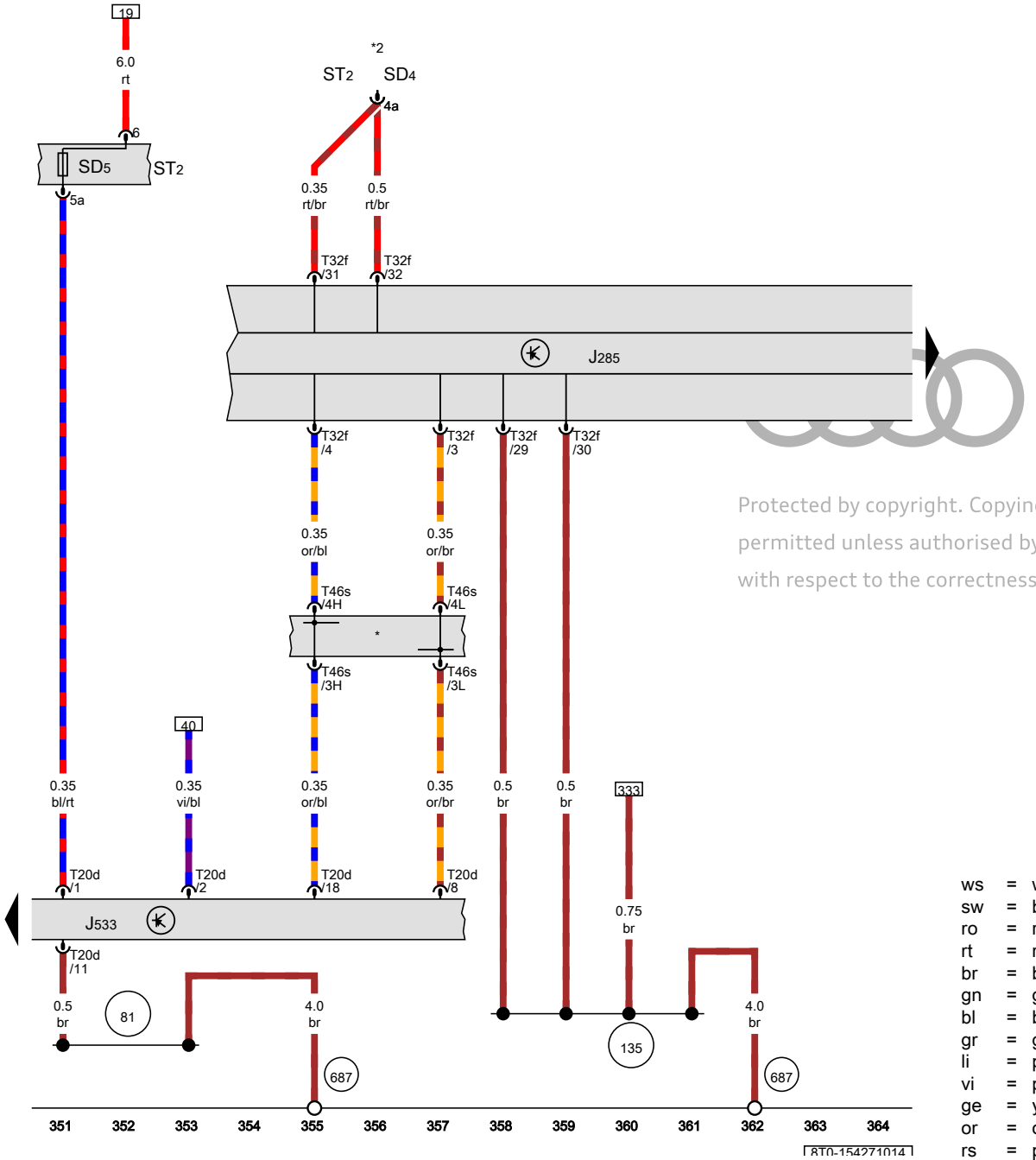


Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*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
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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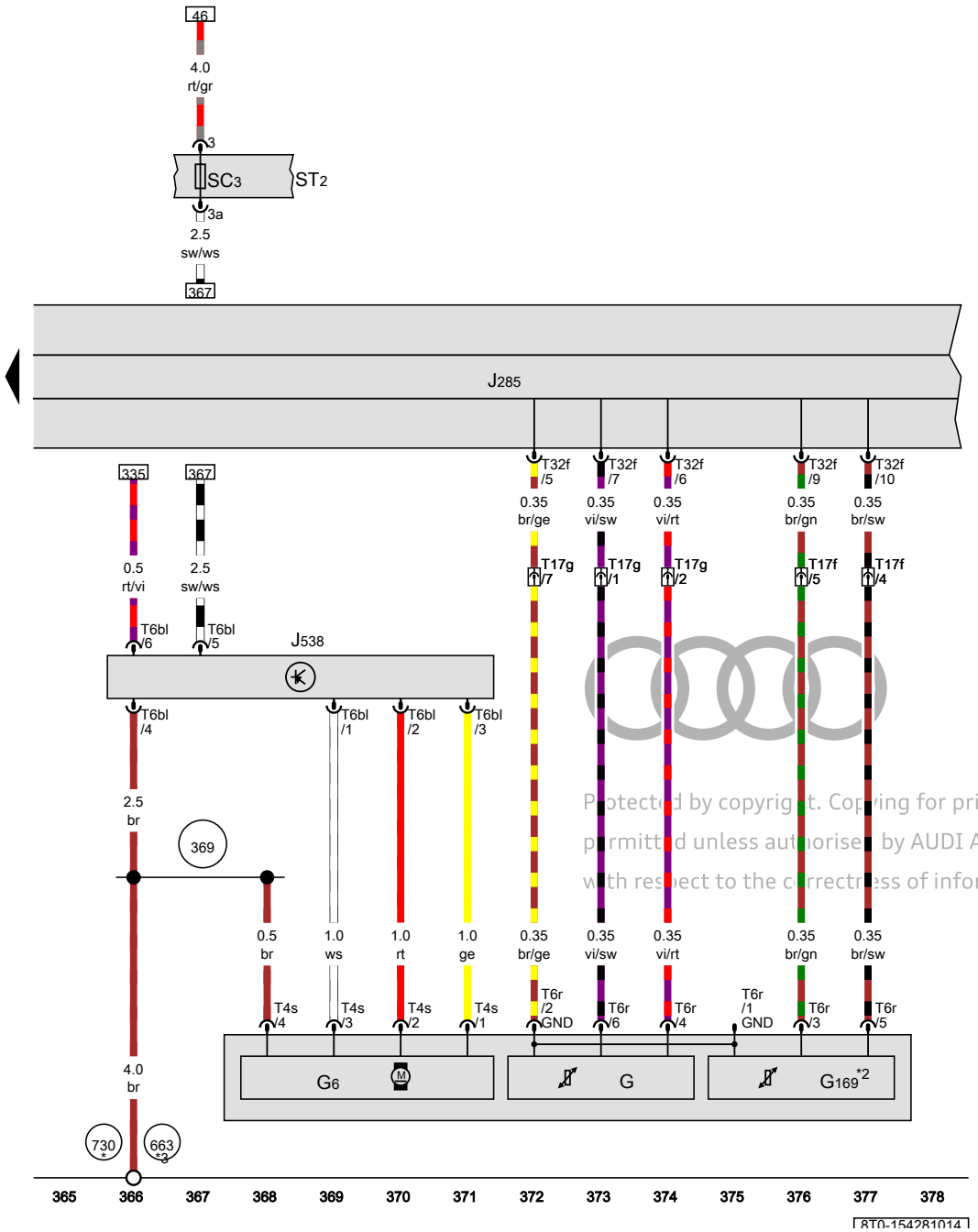


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment

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Fuel gauge sender, Fuel system pressurisation pump, Control unit in dash panel insert, Fuel pump control unit

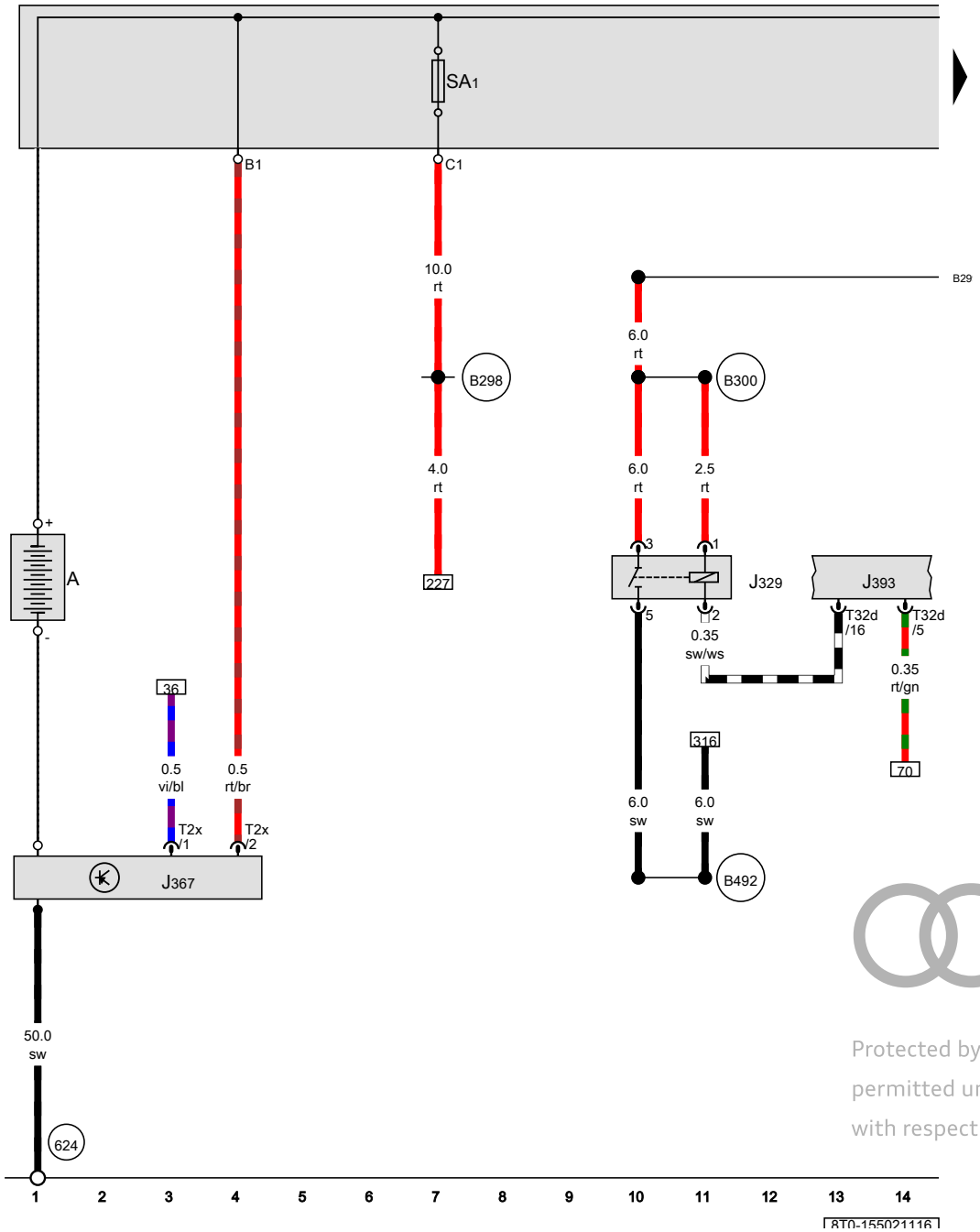
G	Fuel gauge sender
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with 5-doors
*2	Only models with all-wheel drive
*3	Only models with 2-doors

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

3.0l diesel engine , CDUC,CKVB,CKVC,CKVD,CLAB

From May 2013

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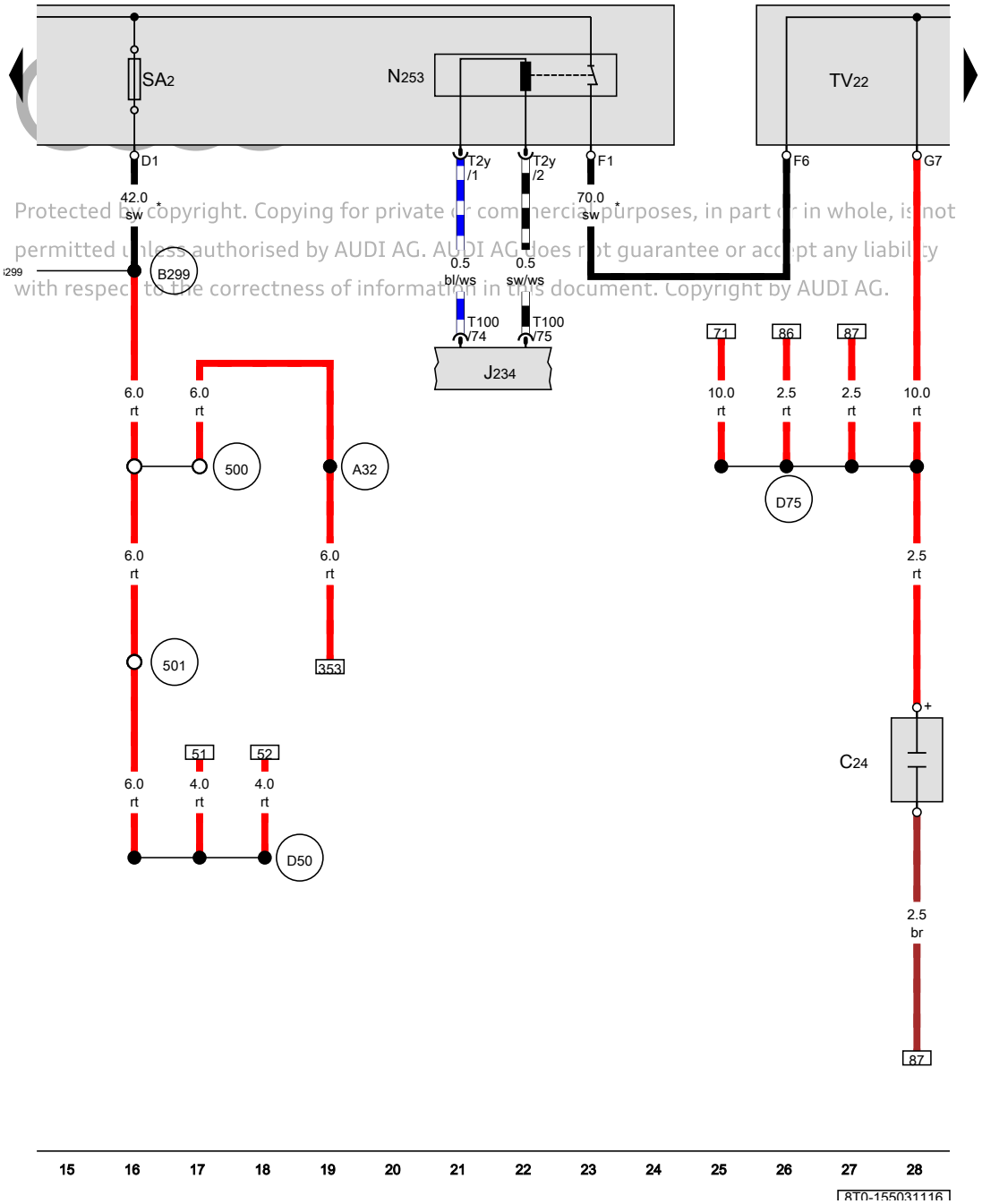


Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 on fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior 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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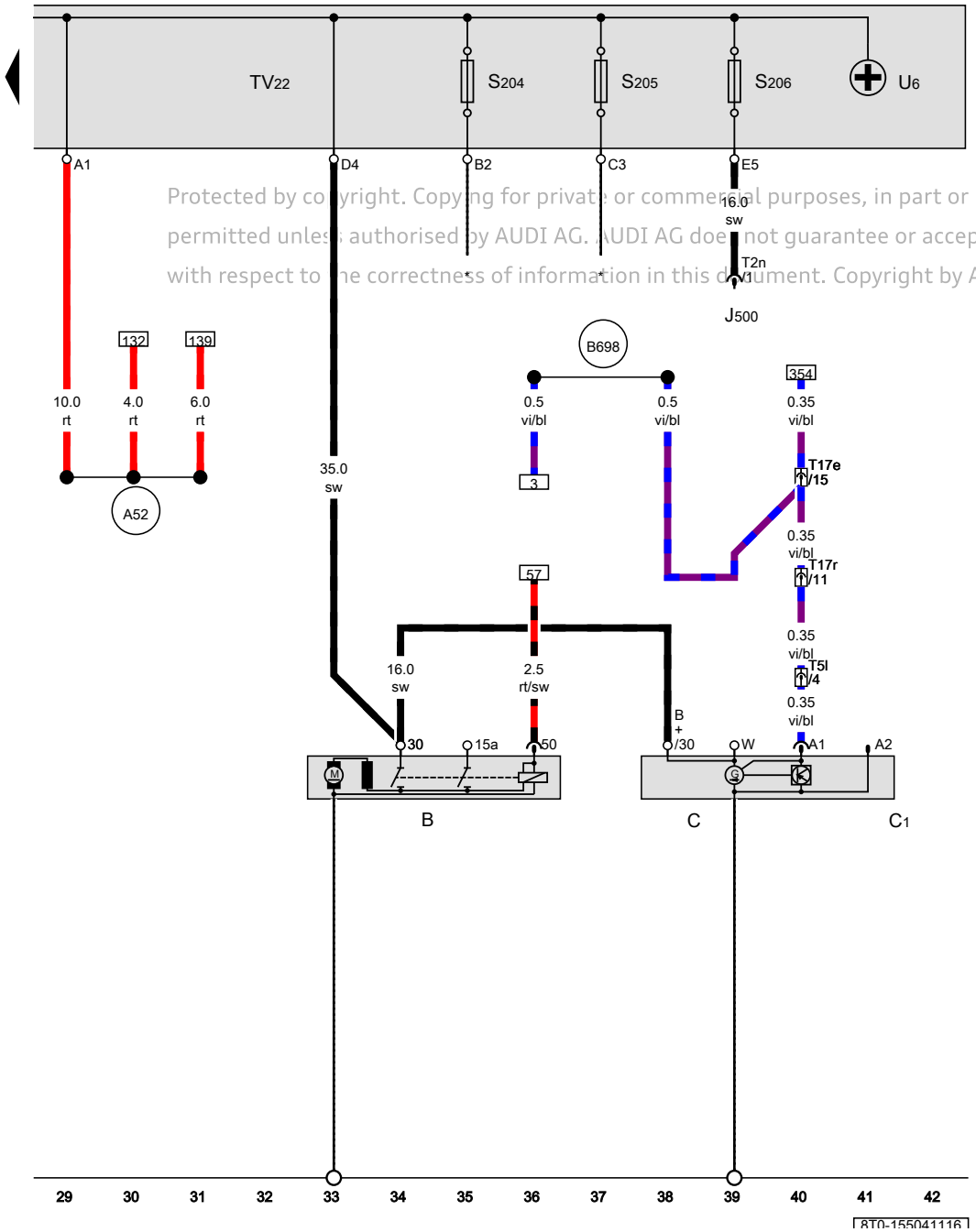


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Battery isolation igniter, Terminal 30 wiring junction 2

C24	Suppression filter
J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 on fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness
D75	Positive connection 2 (30), in engine compartment 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



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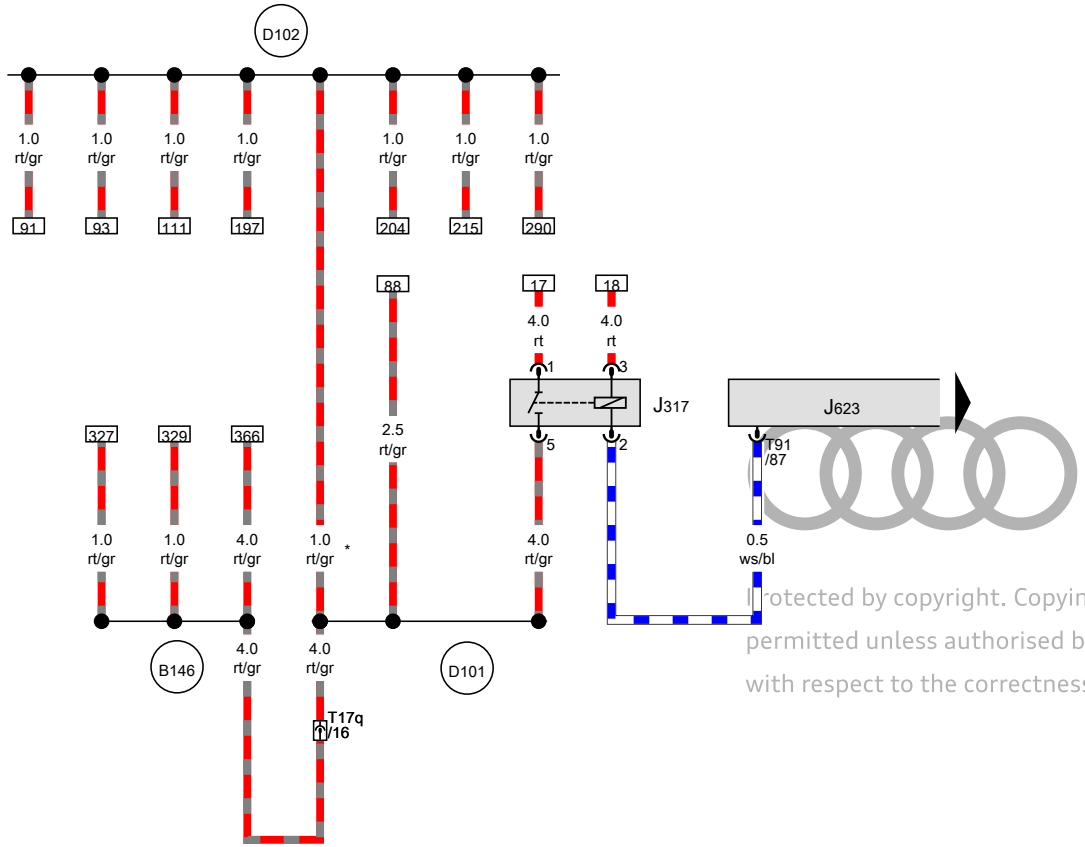
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
A52	Positive connection 2 (30), in dash panel wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for radiator fan

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 30 voltage supply relay, Engine control unit

J317	Terminal 30 voltage supply relay
J623	Engine control unit
T17q	17-pin connector, red
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	Cross section depends on equipment

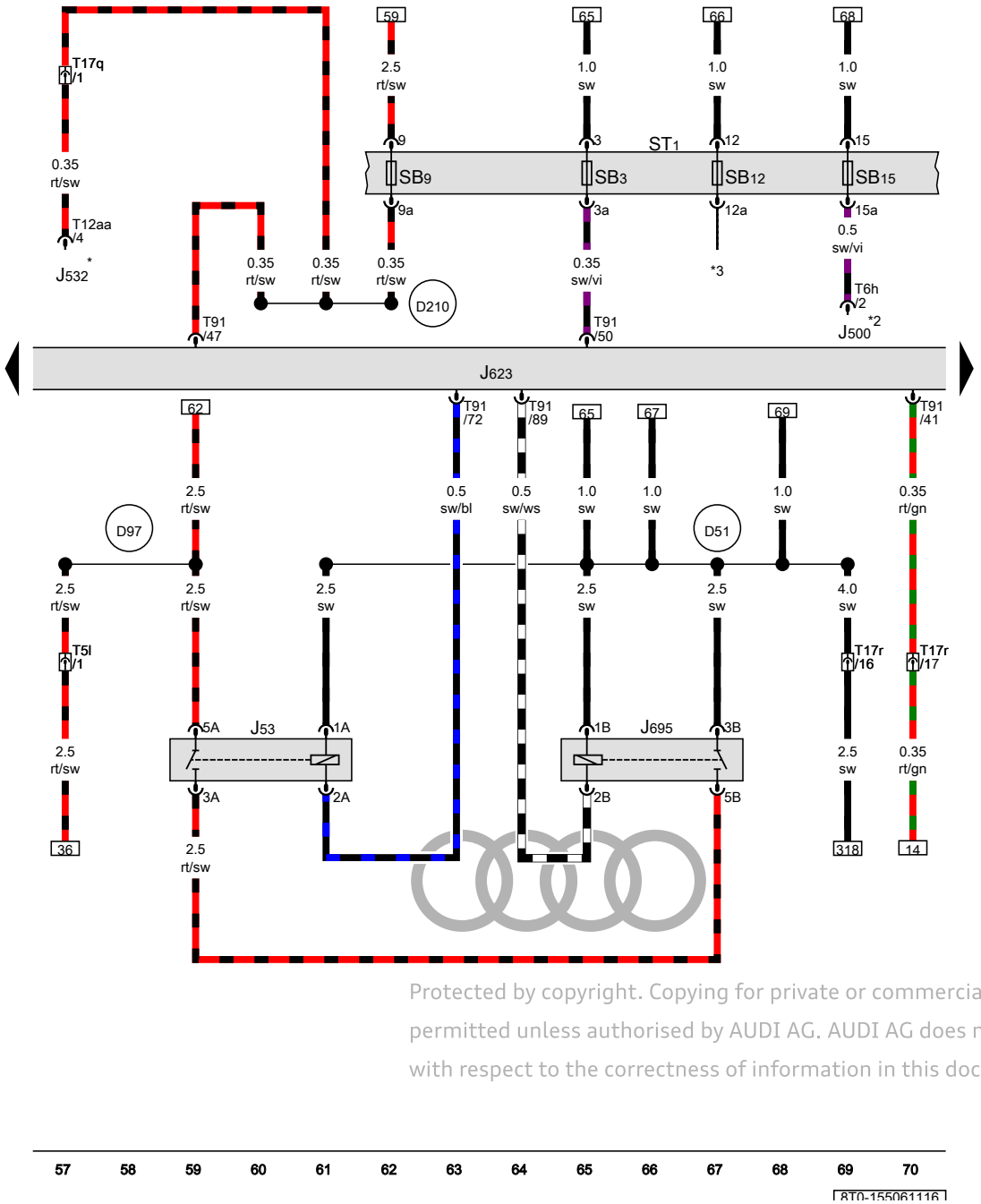


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43 44 45 46 47 48 49 50 51 52 53 54 55 56

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ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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rs	=	pink



Starter motor relay, Engine control unit, Starter motor relay 2

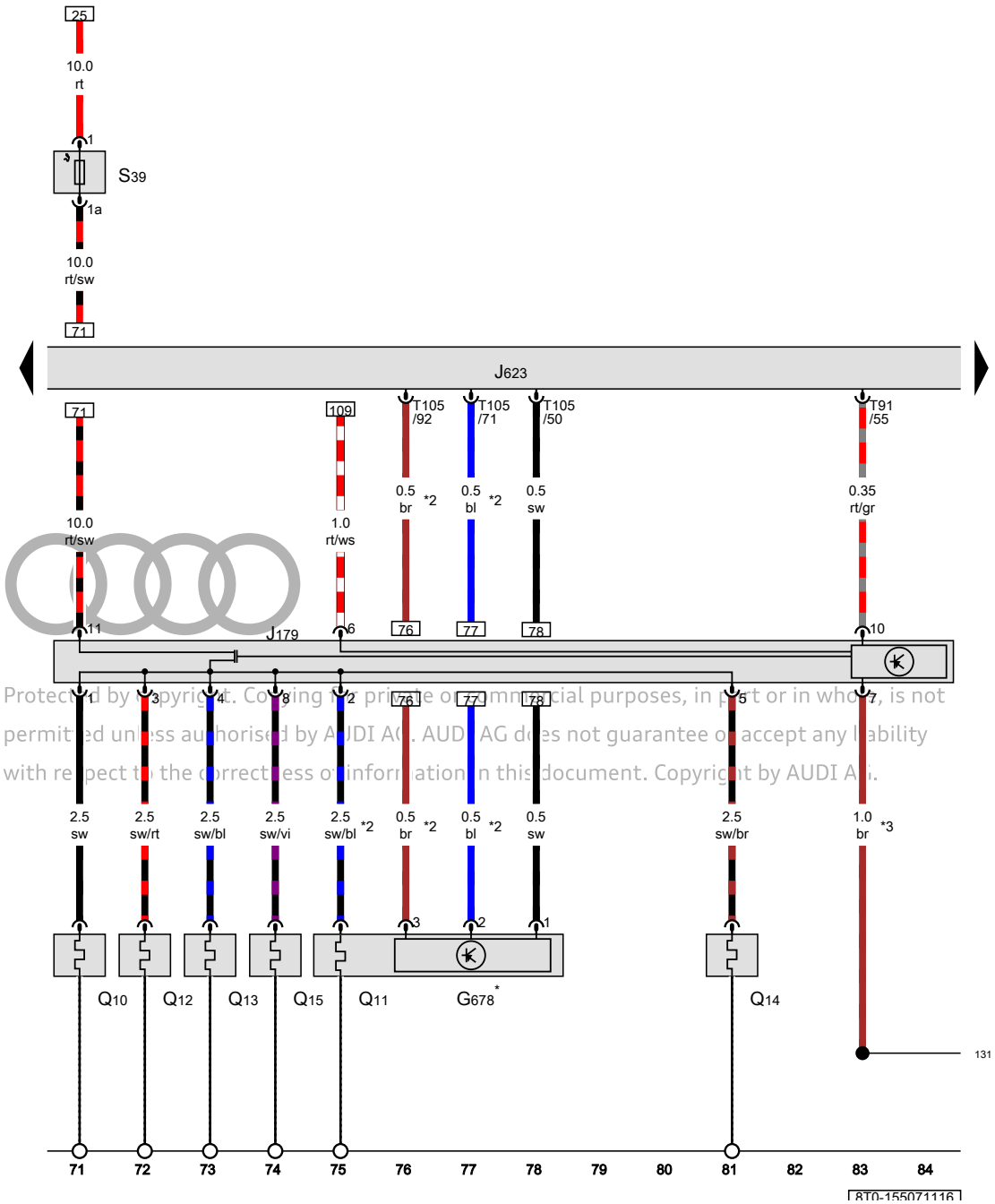
J53	Starter motor relay
J500	Power steering control unit
J532	Voltage stabiliser
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	See applicable current flow diagram for start/stop system
*2	see applicable current flow diagram
*3	see applicable current flow diagram for gearbox

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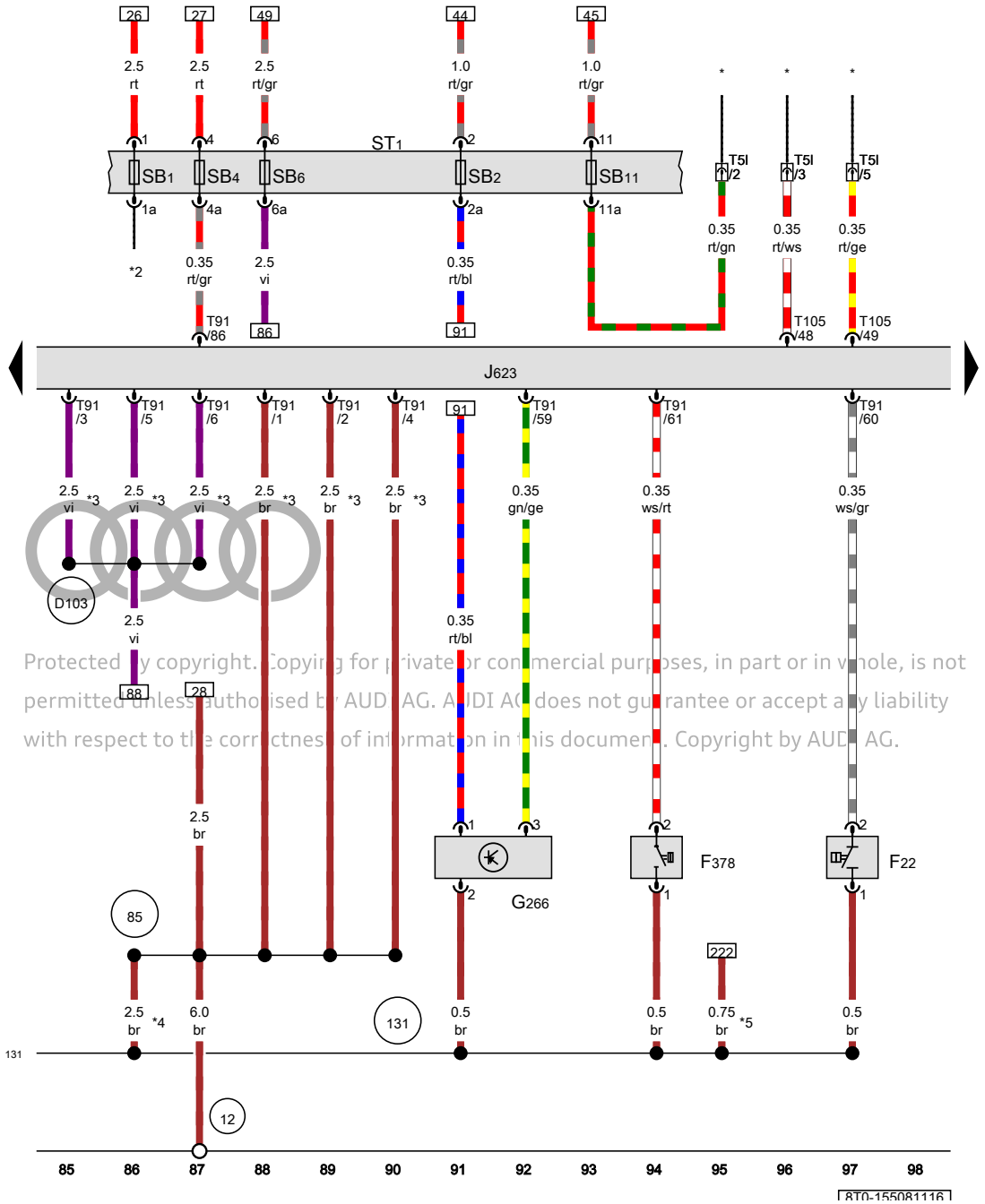
Cylinder 2 combustion chamber pressure sender, Automatic glow period control unit, Engine control unit

G678	Cylinder 2 combustion chamber pressure sender
J179	Automatic glow period control unit
J623	Engine 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
S39	Engine glow plug strip fuse
T91	91-pin connector
T105	105-pin connector
131	Earth connection 2, in engine compartment wiring harness
*	Only models with Euro 6 emission standard
*2	Wiring colour depends on equipment
*3	Cross section depends on equipment



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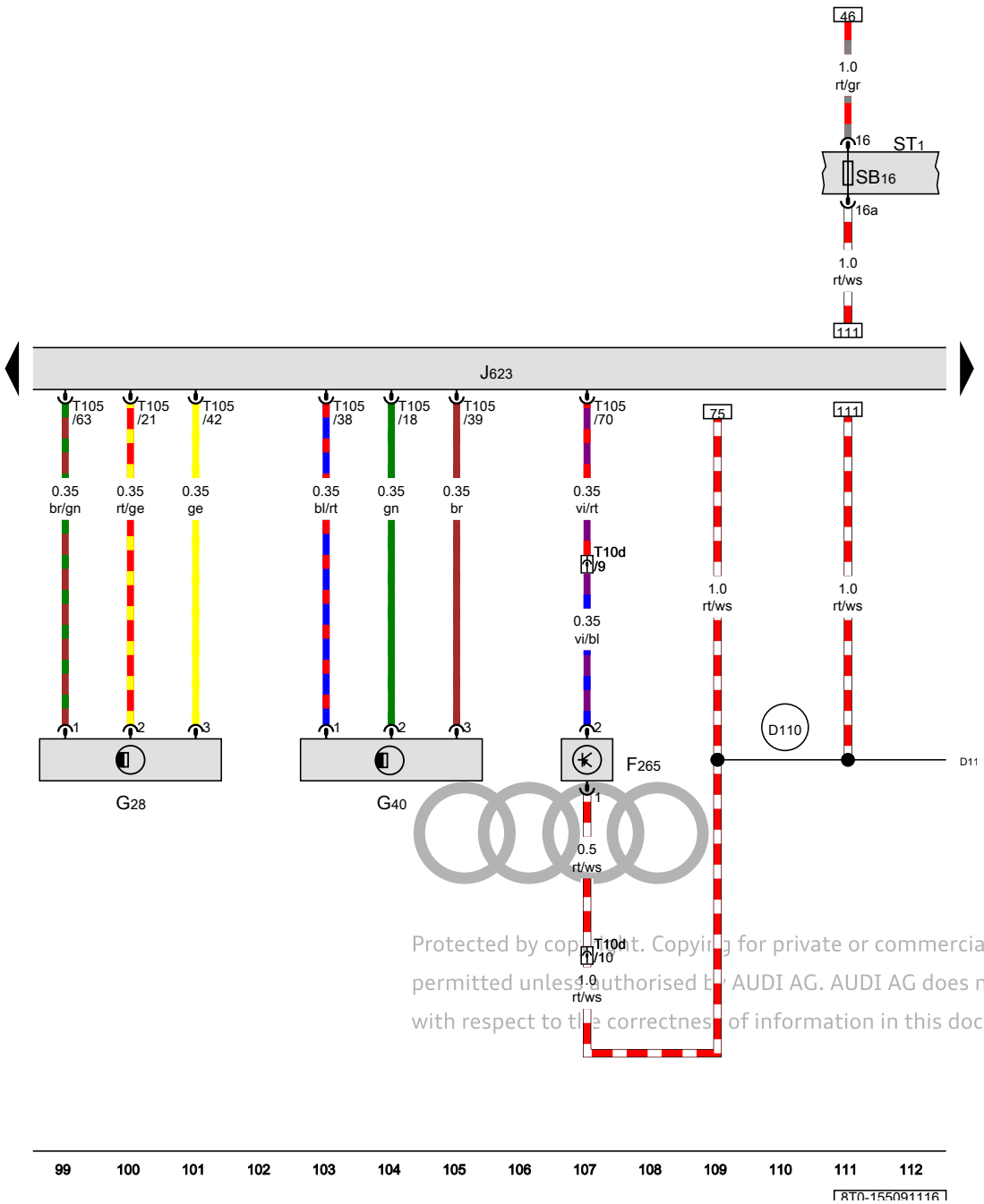
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sw = black
ro = red
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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Oil pressure switch for reduced oil pressure, Oil level and oil temperature sender, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G266	Oil level and oil temperature sender
J623	Engine control unit
SB1	Fuse 1 on fuse holder B
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T5I	5-pin connector, in engine compartment
T91	91-pin connector
T105	105-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for gearbox
*3	Cross-section 1.5 possible
*4	Cross section depends on equipment
*5	Only for American markets

Engine speed sender, Hall sender, Engine control unit

F265	Map-controlled engine cooling system thermostat
G28	Engine speed sender
G40	Hall sender
J623	Engine control unit
ST1	Fuse carrier 1
SB16	Fuse 16 on fuse holder B
T10d	10-pin connector, black
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness

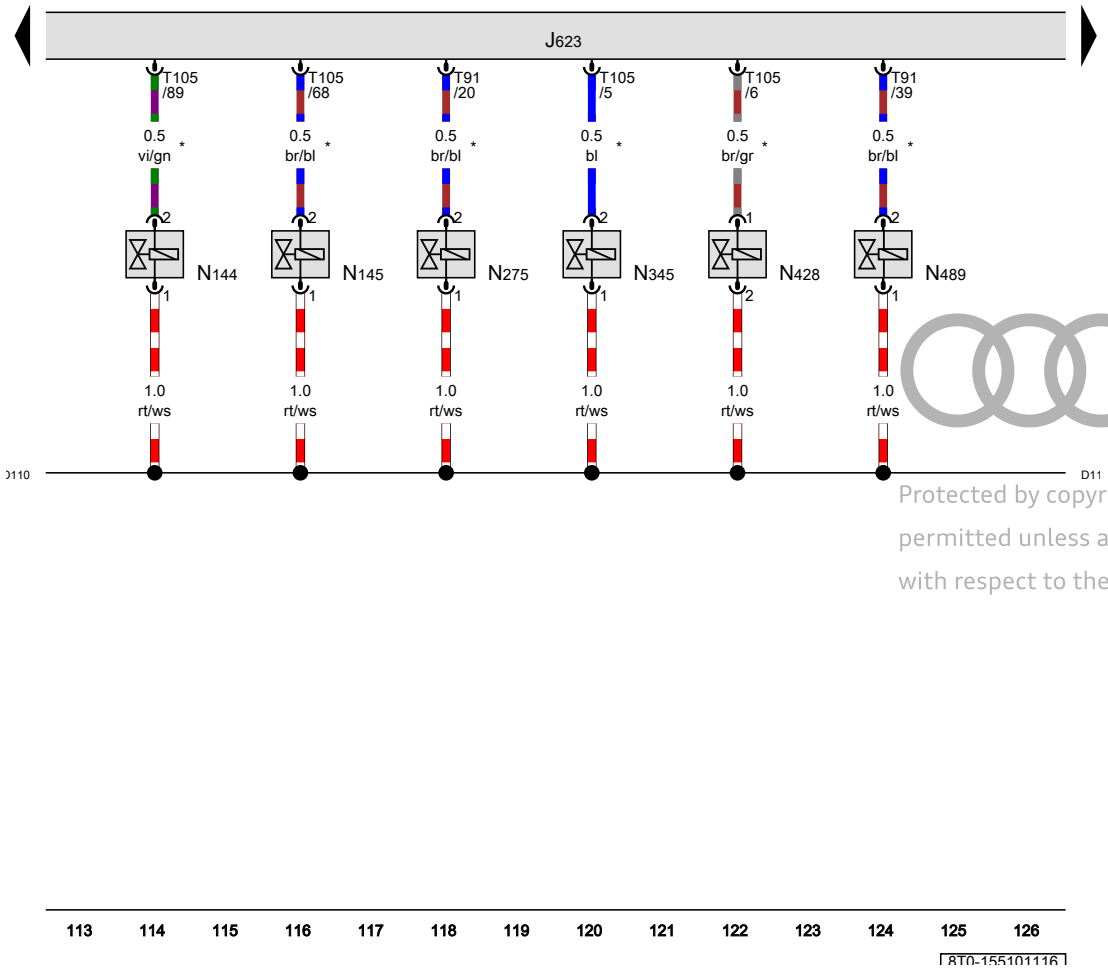


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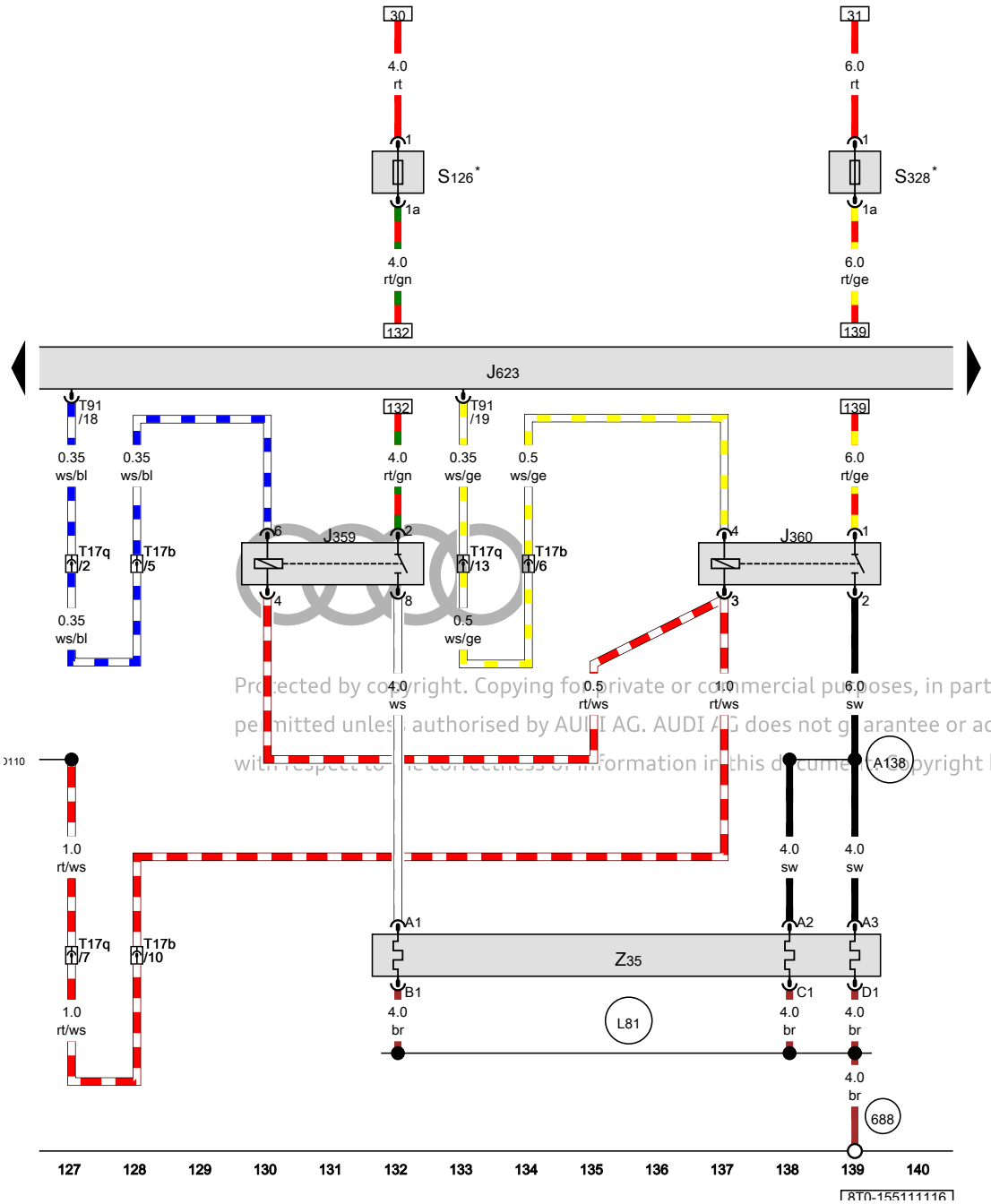
Engine control unit, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve

J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N275	Air filter bypass flap valve
N345	Exhaust gas recirculation cooler changeover valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T91	91-pin connector
T105	105-pin connector
D110	Connection 8 in engine compartment wiring harness
*	Cross section depends on equipment



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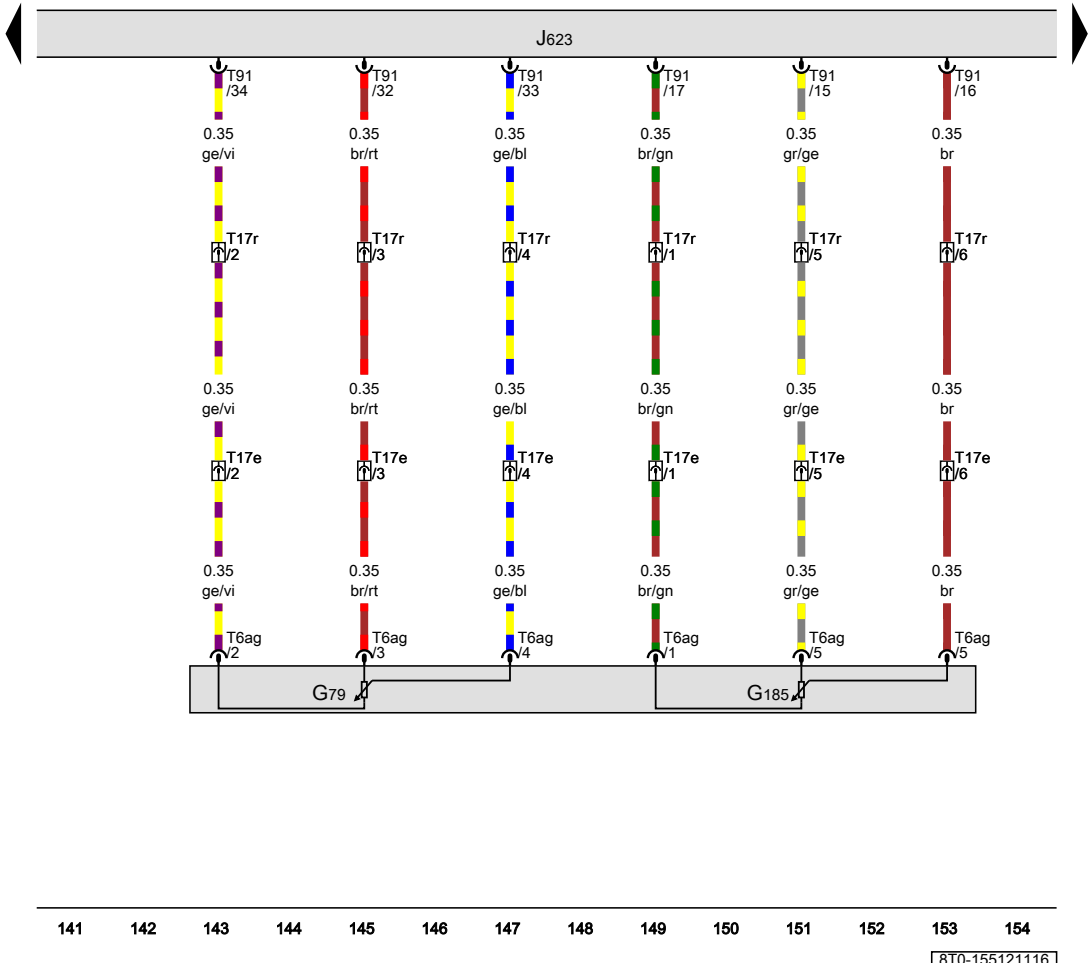
Low heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
S126	Auxiliary heater fuse
S328	Auxiliary heater fuse 2
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
Z35	Auxiliary air heater element
688	Earth point 2, on centre tunnel
A138	Connection 2, in dash panel wiring harness
D110	Connection 8 in engine compartment wiring harness
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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Accelerator position sender, Accelerator position sender 2, Engine control unit

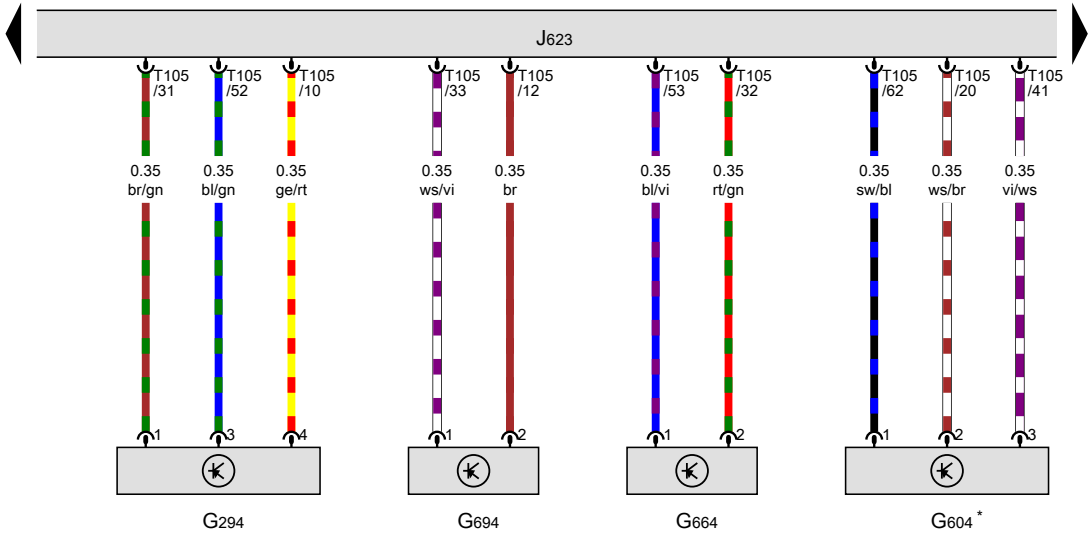
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6ag	6-pin connector
T17e	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector



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

Brake servo pressure sensor, Temperature sender for engine temperature regulation, Engine control unit

G294	Brake servo pressure sensor
G604	Gear detection sensor
G664	Oil temperature sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
T105	105-pin connector
*	Only models with manual gearbox

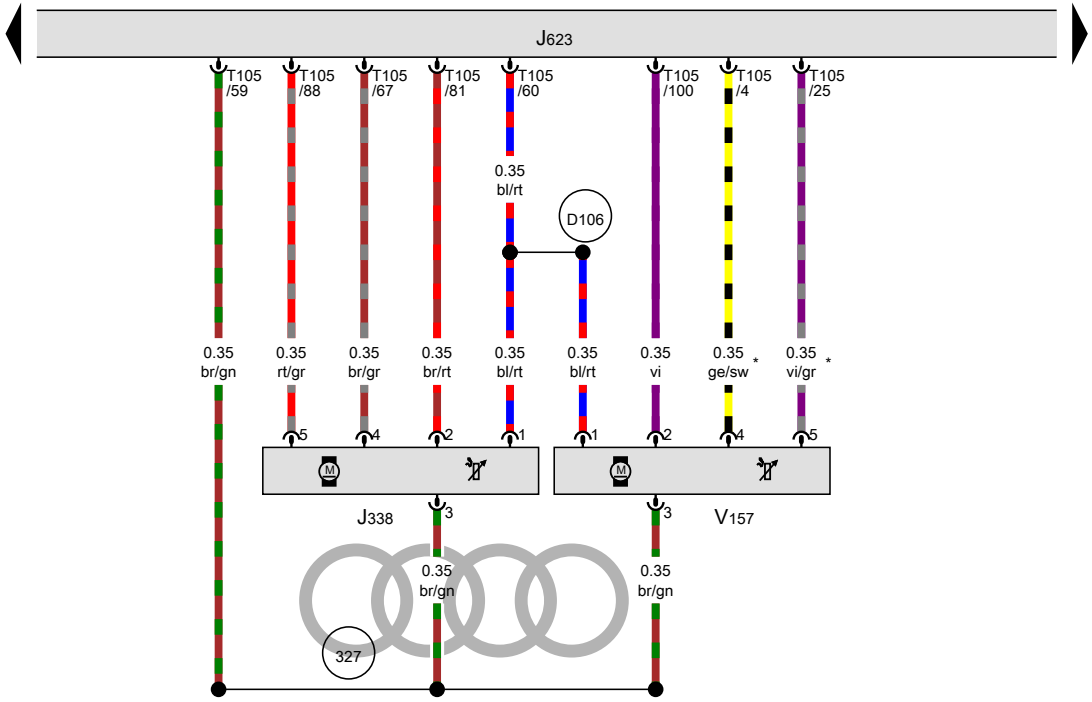


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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Throttle valve module, Engine control unit

J338	Throttle valve module
J623	Engine control unit
T105	105-pin connector
V157	Intake manifold flap motor
327	Earth connection (sender earth), in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
*	Cross section depends on equipment



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

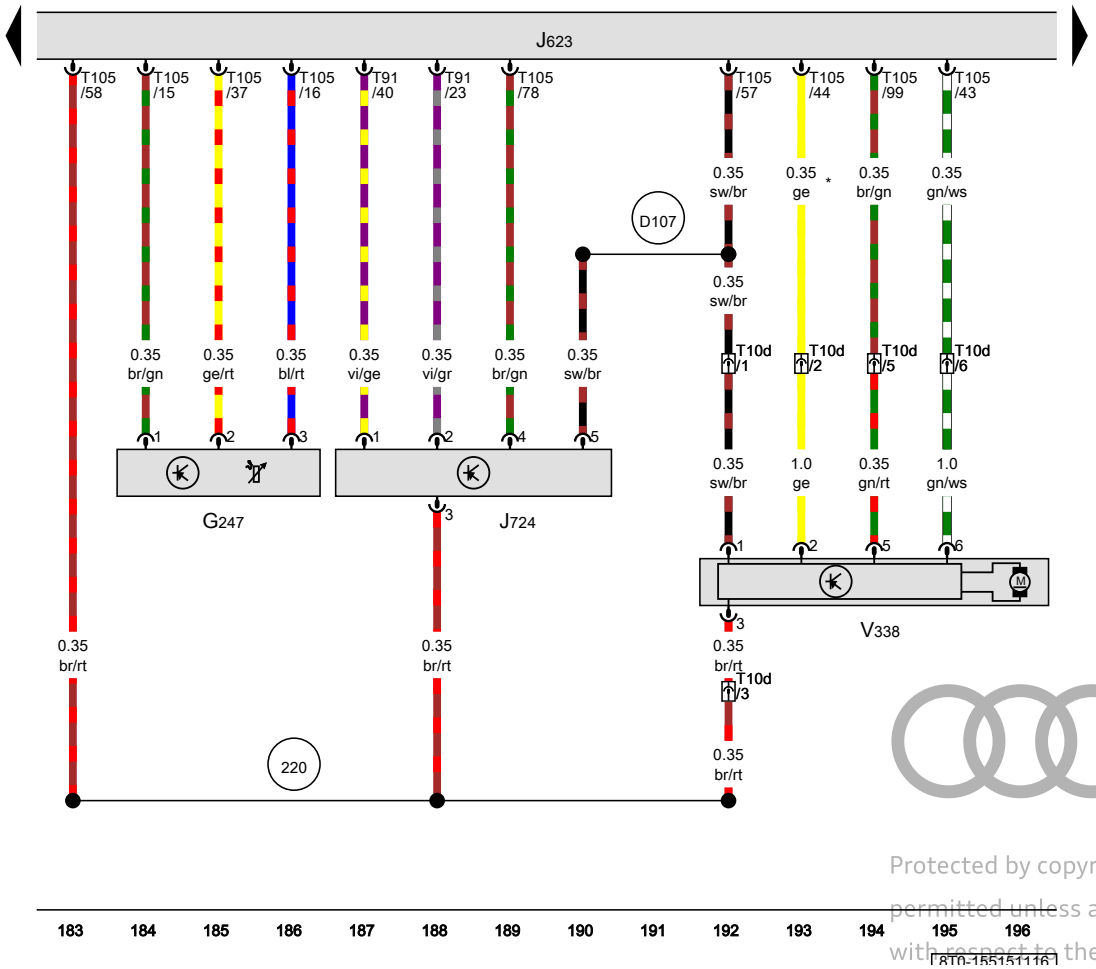
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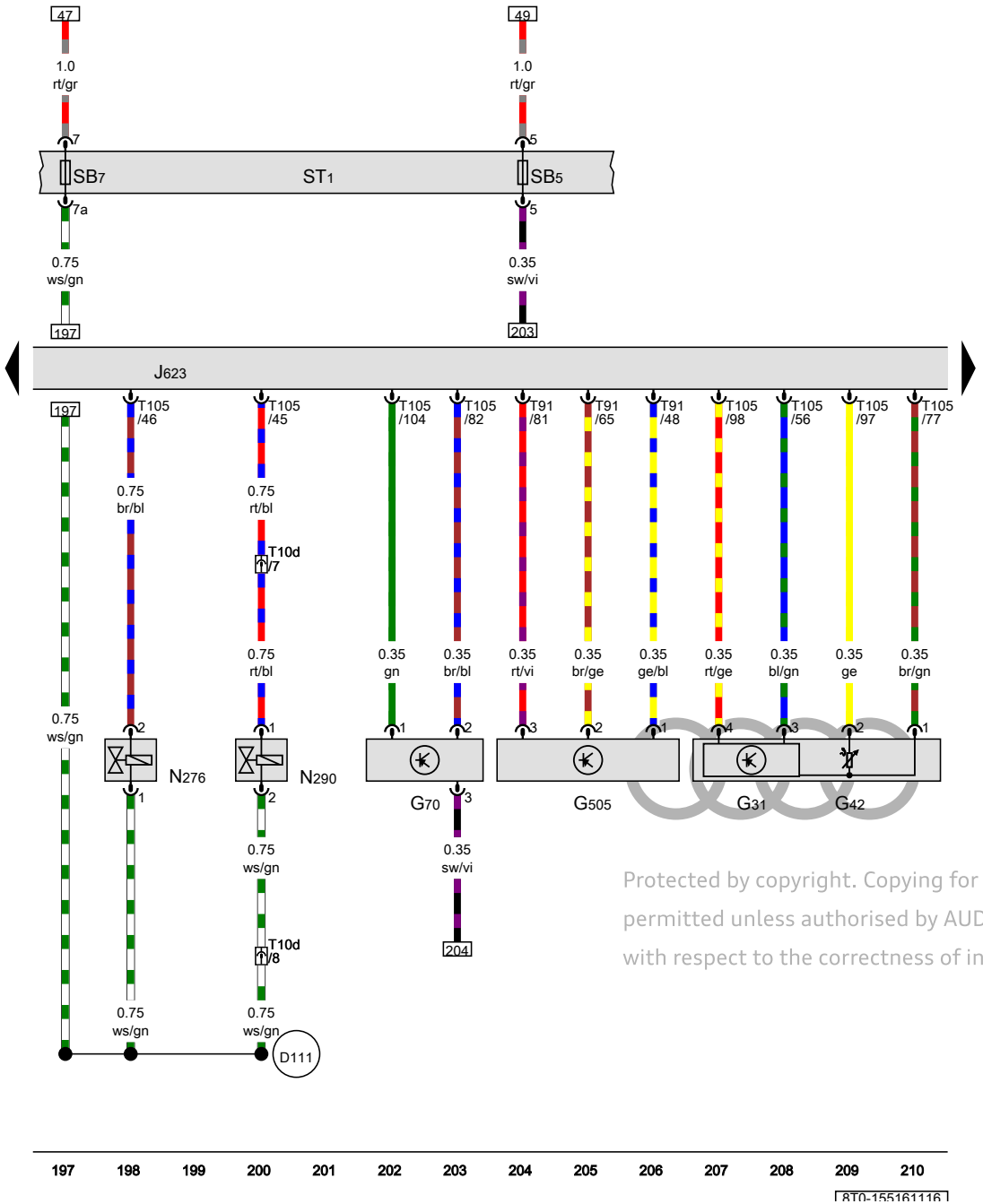
Fuel pressure sender, Engine control unit, Turbocharger 1 control unit

G247	Fuel pressure sender
J623	Engine control unit
J724	Turbocharger 1 control unit
T10d	10-pin connector, black
T91	91-pin connector
T105	105-pin connector
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D107	Connection 5 in engine compartment 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
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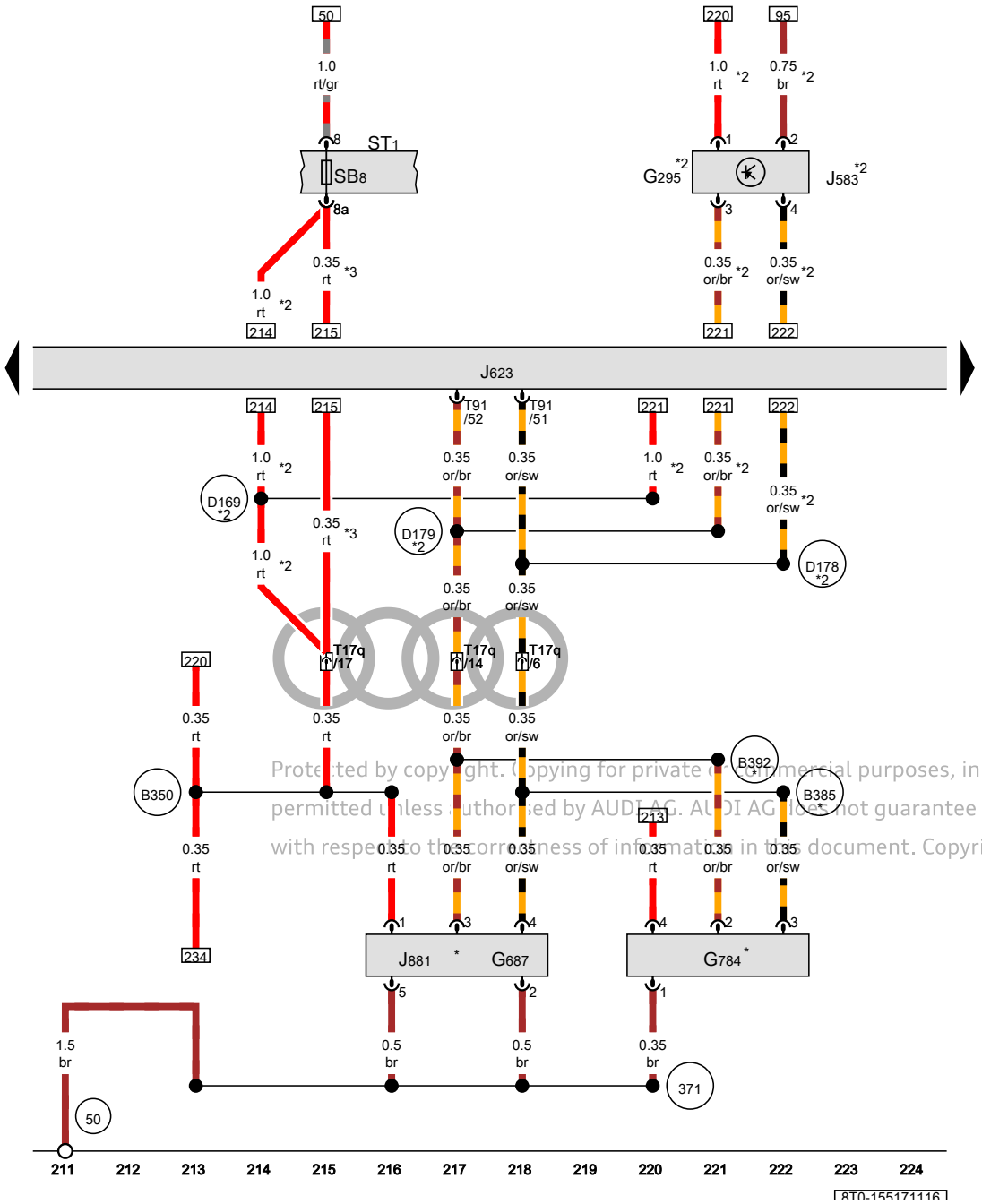


Charge pressure sender, Intake air temperature sender, Air mass meter, Pressure differential sender, Engine control unit

G31	Charge pressure sender
G42	Intake air temperature sender
G70	Air mass meter
G505	Pressure differential sender
J623	Engine control unit
N276	Fuel pressure regulating valve
N290	Fuel metering valve
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB7	Fuse 7 on fuse holder B
T10d	10-pin connector, black
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness

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



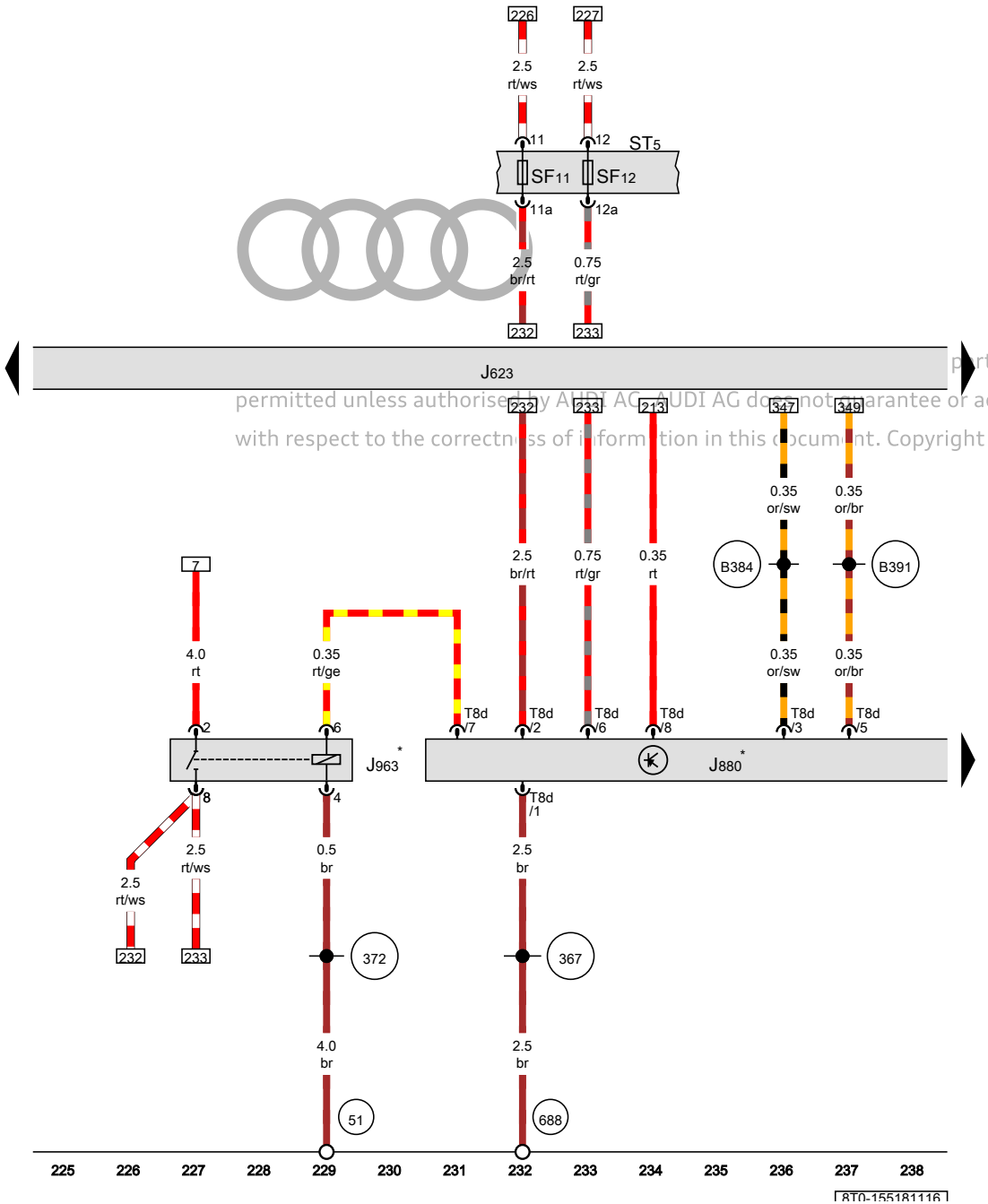
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Control unit for NOx sender, Engine control unit

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
ST1	Fuse carrier 1
SB8	Fuse 8 on fuse holder B
T17q	17-pin connector, red
T91	91-pin connector
50	Earth point, on left in luggage compartment
371	Earth connection 6, in main wiring harness
B350	Positive connection 1 (87a) in main wiring harness
B385	Connection 3 (powertrain CAN bus, high), in main wiring harness
B392	Connection 3 (powertrain CAN bus, low), in main wiring harness
D169	Connection (NOx), in engine compartment wiring harness
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness

*	Only models with Euro 6 plus emission standard
*2	Only for American markets
*3	Only models with reducing agent metering 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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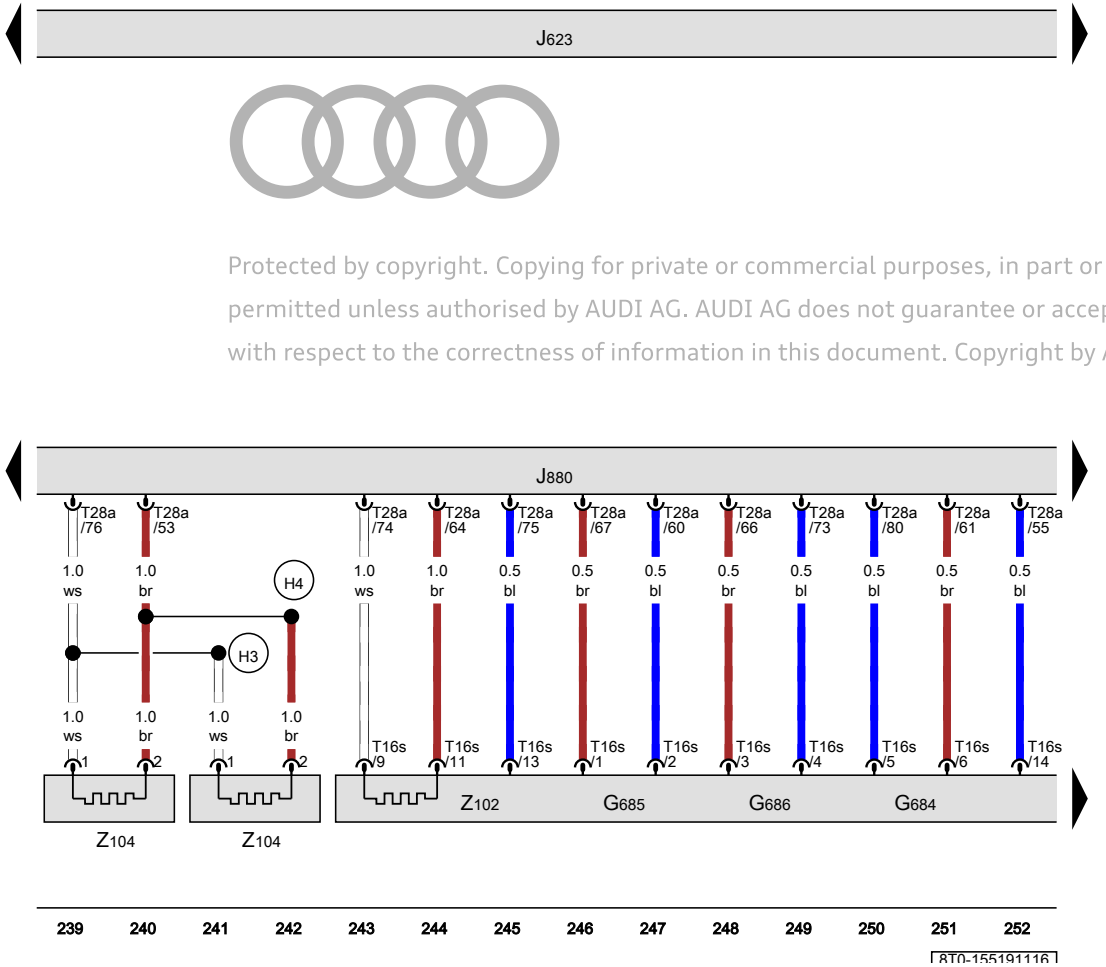
Engine control unit, Control unit for reducing agent metering system, Relay for reducing agent metering system

J623	Engine control unit
J880	Control unit for reducing agent metering system
J963	Relay for reducing agent metering system
ST5	Fuse carrier 5
SF11	Fuse 11 in fuse holder F
SF12	Fuse 12 in fuse holder F
T8d	8-pin connector
51	Earth point, on right in luggage compartment
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
688	Earth point 2, on centre tunnel
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 reducing agent metering 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

Tank sender for reducing agent, Temperature sender for reducing agent, Pressure sender for reducing agent metering system, Engine control unit, 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
J623	Engine control unit
J880	Control unit for reducing agent metering system
T16s	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)
H3	Connection 1 in wiring harness for reducing agent tank
H4	Connection 2 in wiring harness for reducing agent tank

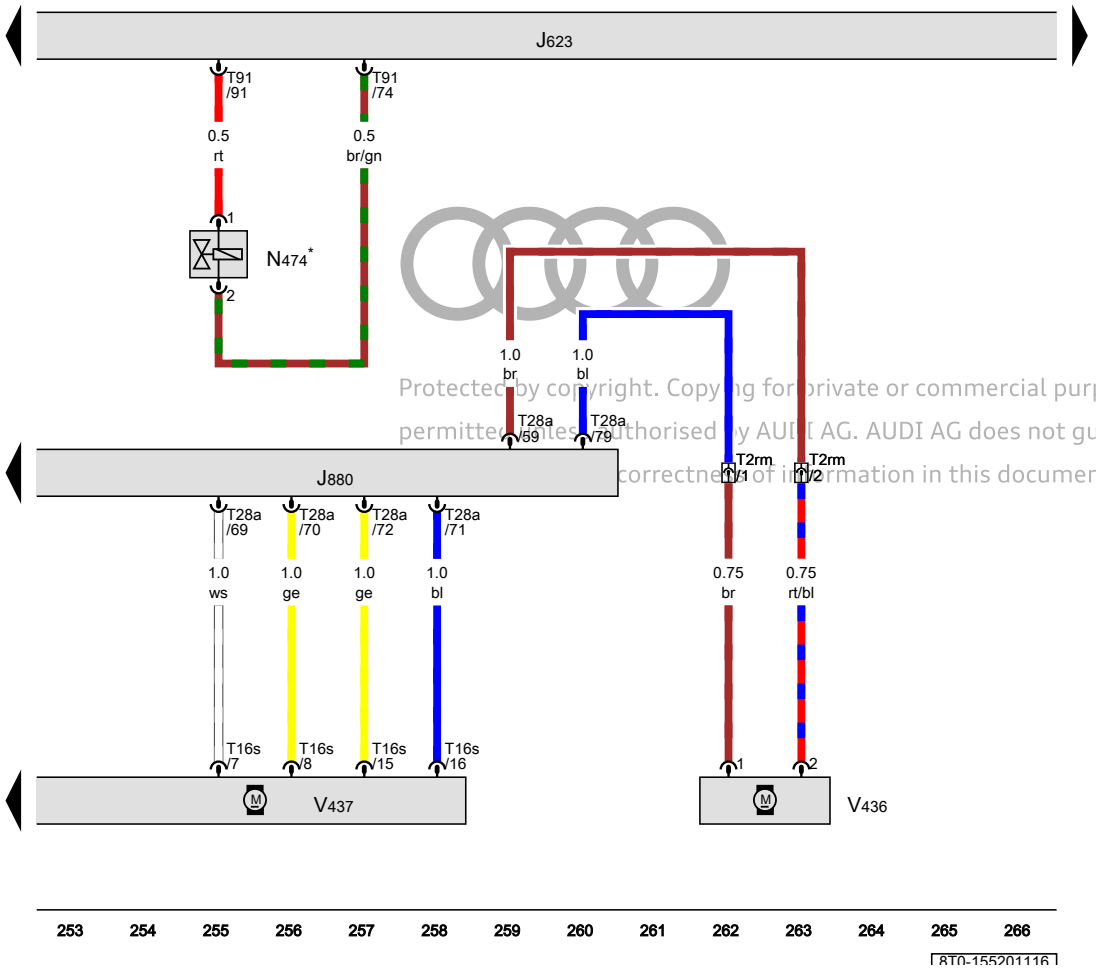


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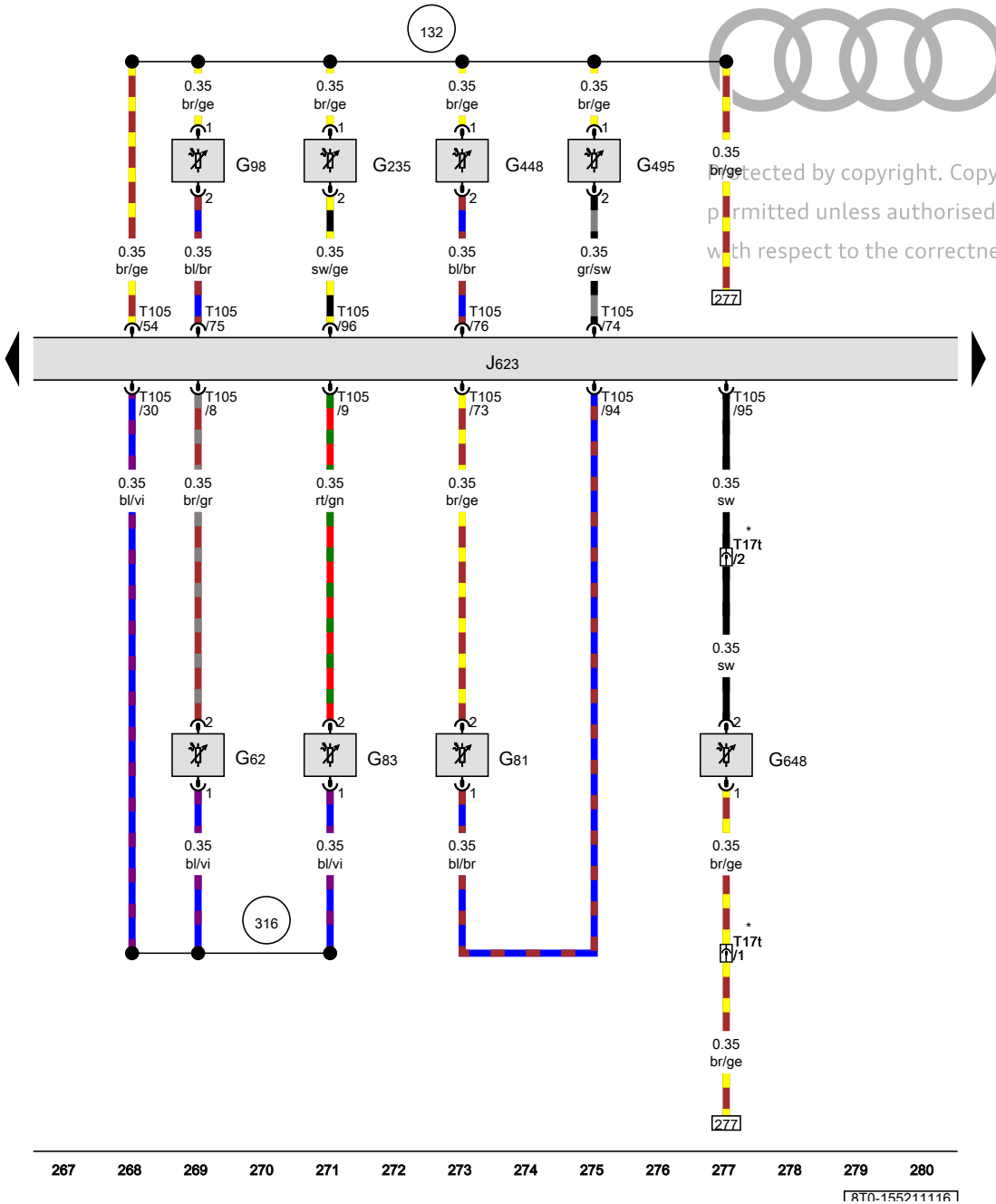
Engine control unit, Control unit for reducing agent metering system, Injector for reducing agent, Pump for reducing agent

J623	Engine control unit
J880	Control unit for reducing agent metering system
N474	Injector for reducing agent
T2rm	2-pin connector, black
T16s	16-pin connector
T28a	28-pin connector
T91	91-pin connector
V436	Transfer pump for reducing agent
V437	Pump for reducing agent
*	Only models with reducing agent metering system



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Coolant temperature sender, Fuel temperature sender, Radiator outlet coolant temperature sender, Engine control unit

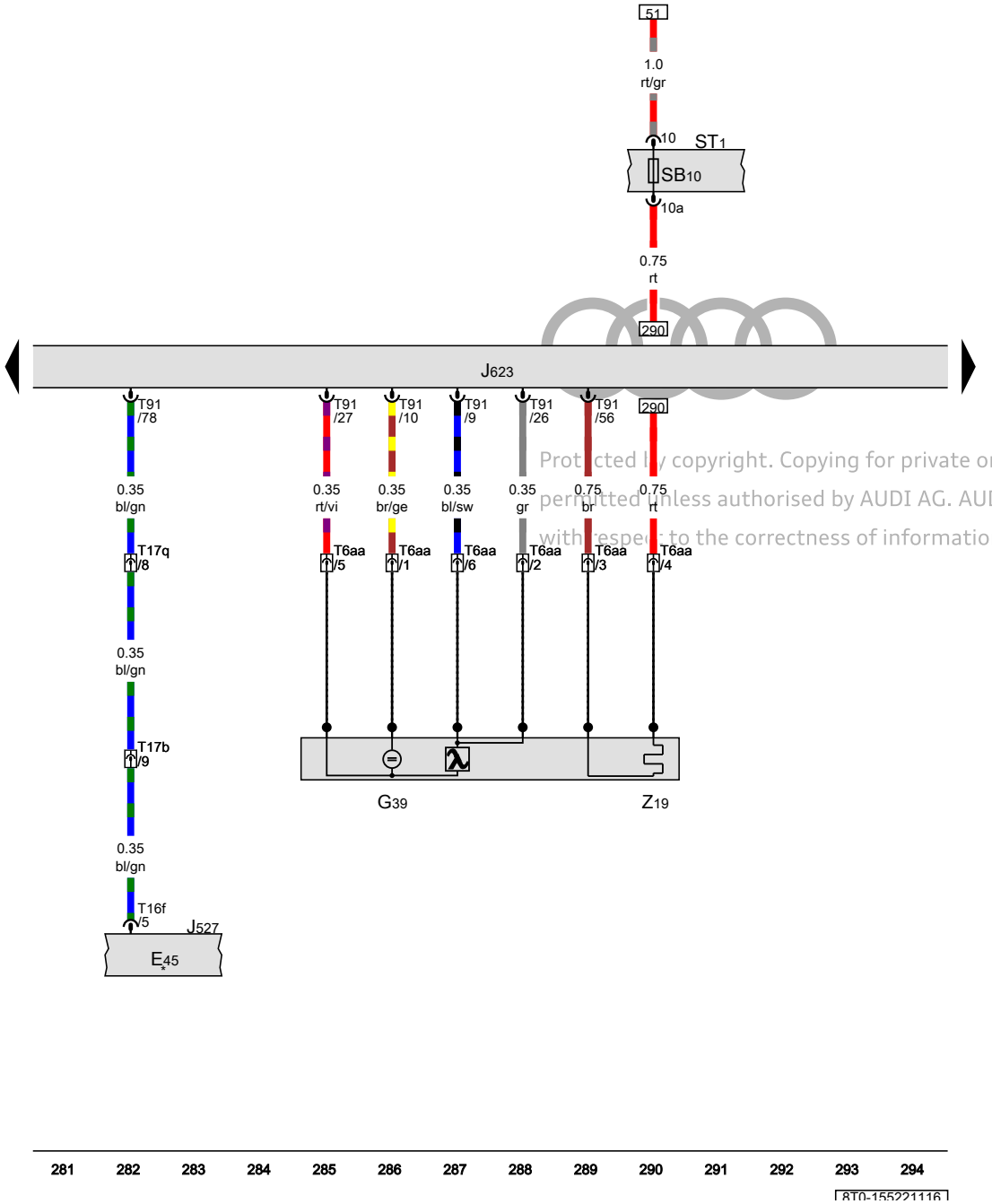
G62	Coolant temperature sender
G81	Fuel temperature sender
G83	Radiator outlet coolant temperature sender
G98	Exhaust gas recirculation temperature sensor
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4, brown
J623	Engine control unit
T17t	17-pin connector, brown
T105	105-pin connector
132	Earth connection 3, in engine compartment wiring harness
316	Earth connection (sender earth 2) in engine wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Lambda probe, Engine control unit, Lambda probe heater

E45	Cruise control system switch
G39	Lambda probe
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB10	Fuse 10 on fuse holder B
T6aa	6-pin connector, brown
T16f	16-pin connector
T17b	17-pin connector, blue
T17q	17-pin connector, red
T91	91-pin connector
Z19	Lambda probe heater
*	Only models with cruise control system (CCS)

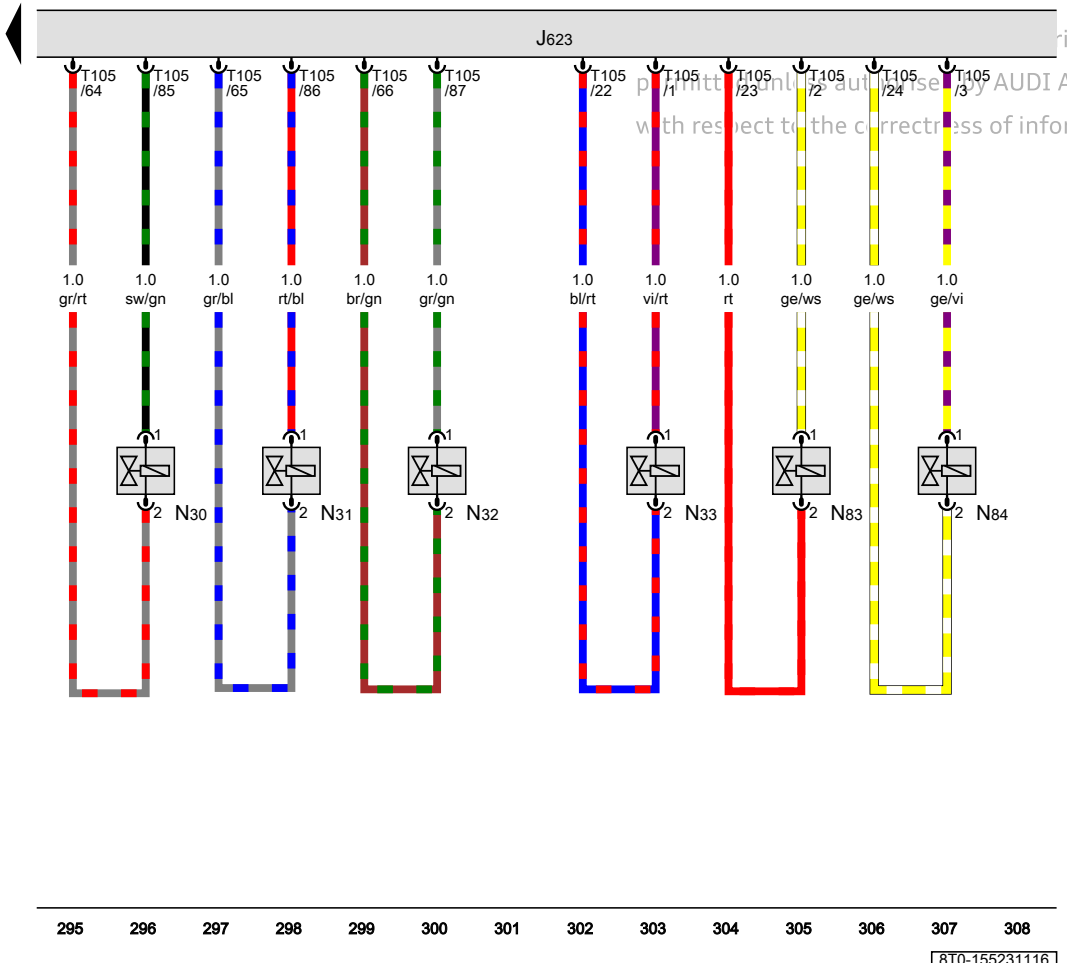


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Engine control unit, Injector, cylinder 1, Injector, cylinder 6

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
T105	105-pin connector

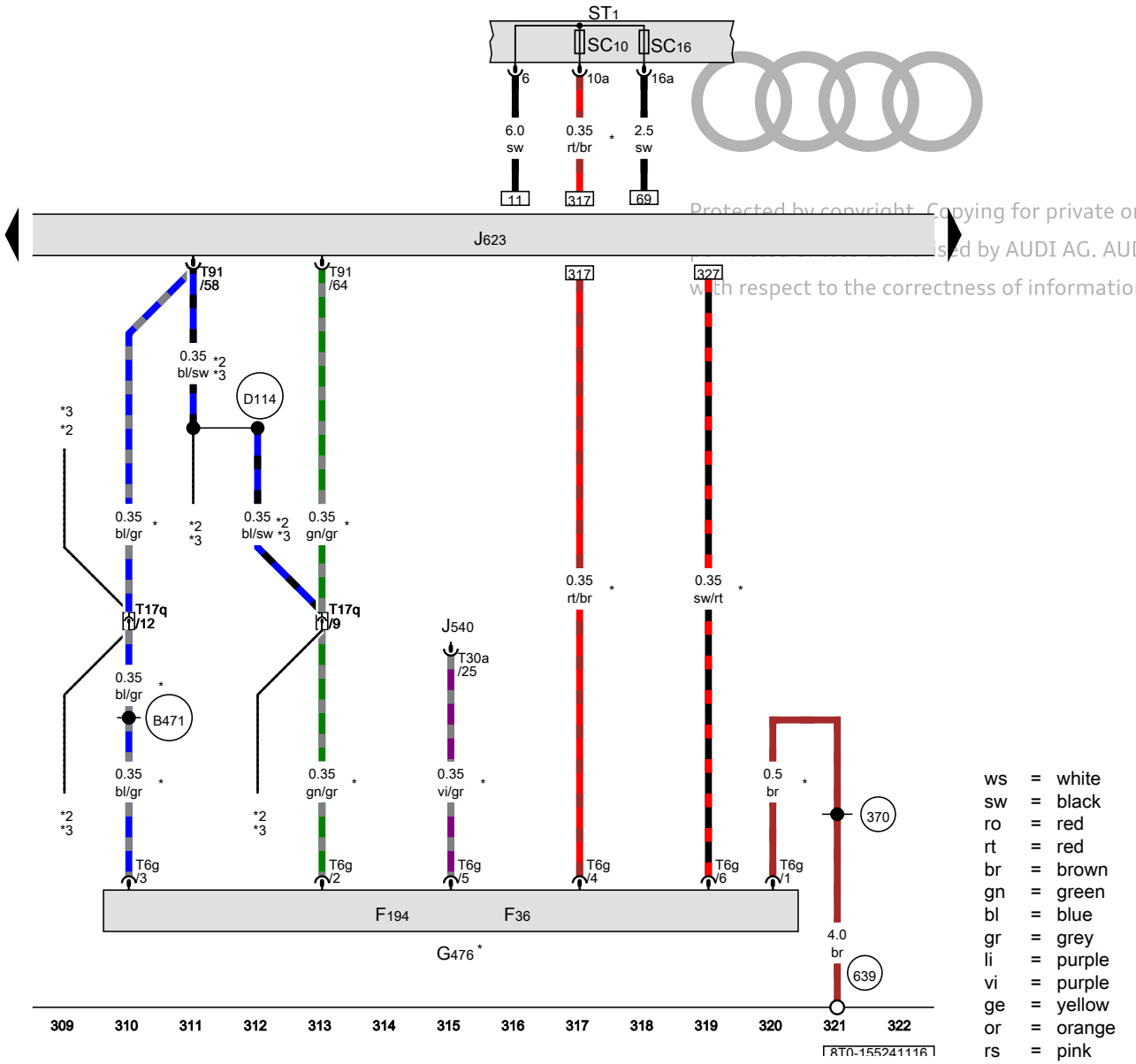


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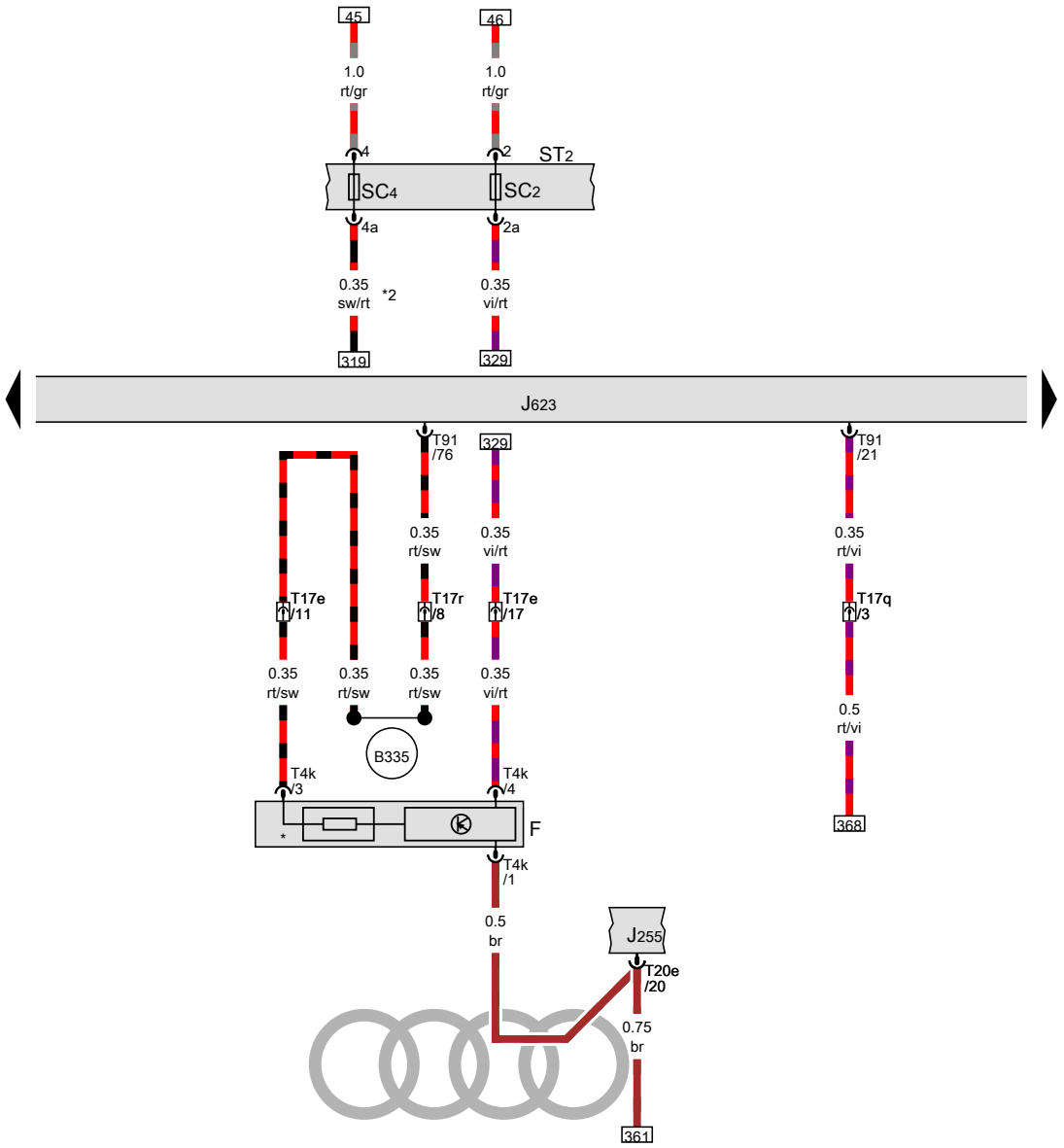
Clutch position sender, Engine control unit

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with automatic gearbox
*3	see applicable current flow diagram for automatic gearbox



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Brake light switch, Engine control unit

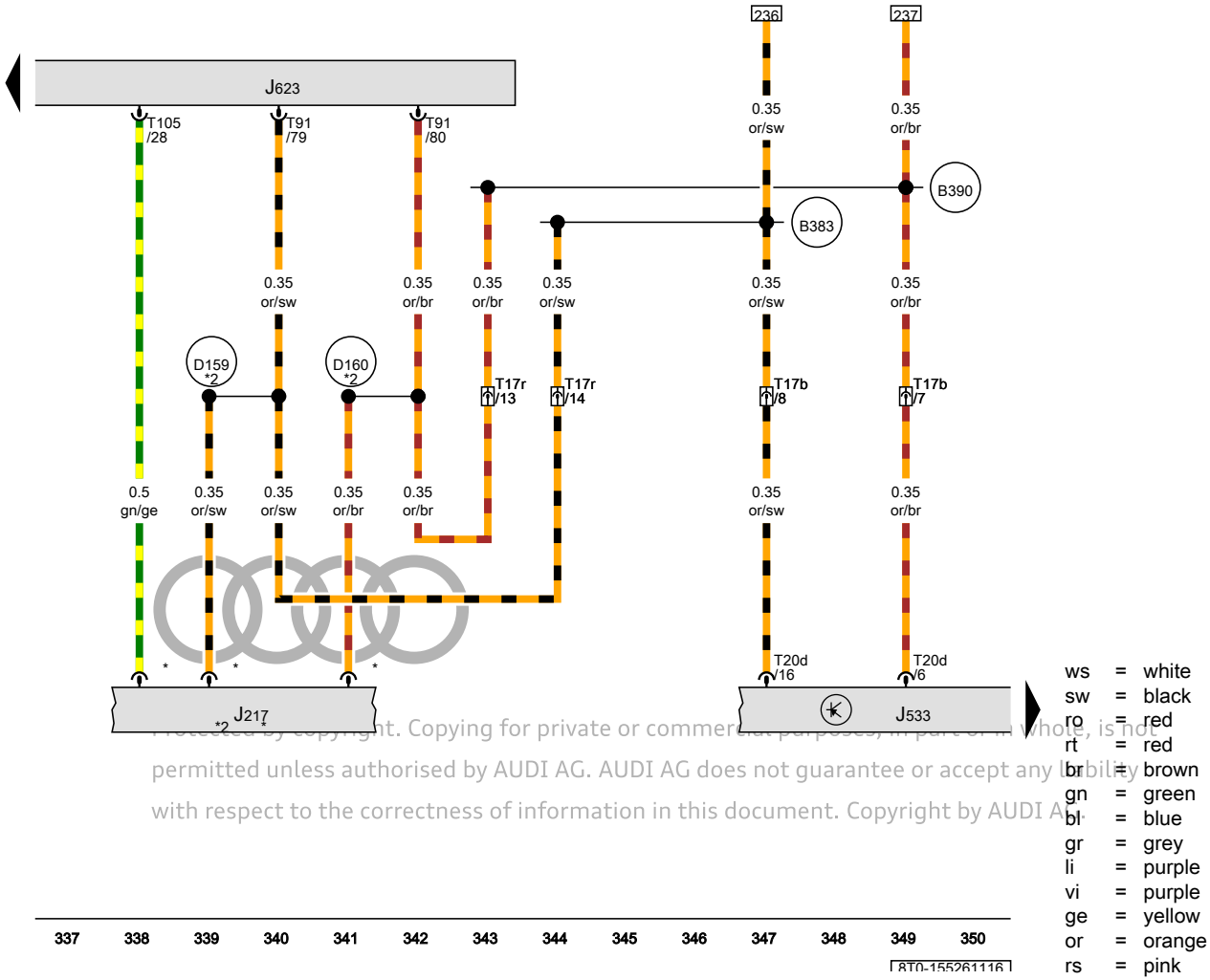
F	Brake light switch
J255	Climatronic control unit
J623	Engine control unit
SC2	Fuse 2 on fuse holder C
ST2	Fuse carrier 2
SC4	Fuse 4 on fuse holder C
T4k	4-pin connector
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T20e	20-pin connector
T91	91-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with manual gearbox

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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323 324 325 326 327 328 329 330 331 332 333 334 335 336

8T0-155251116

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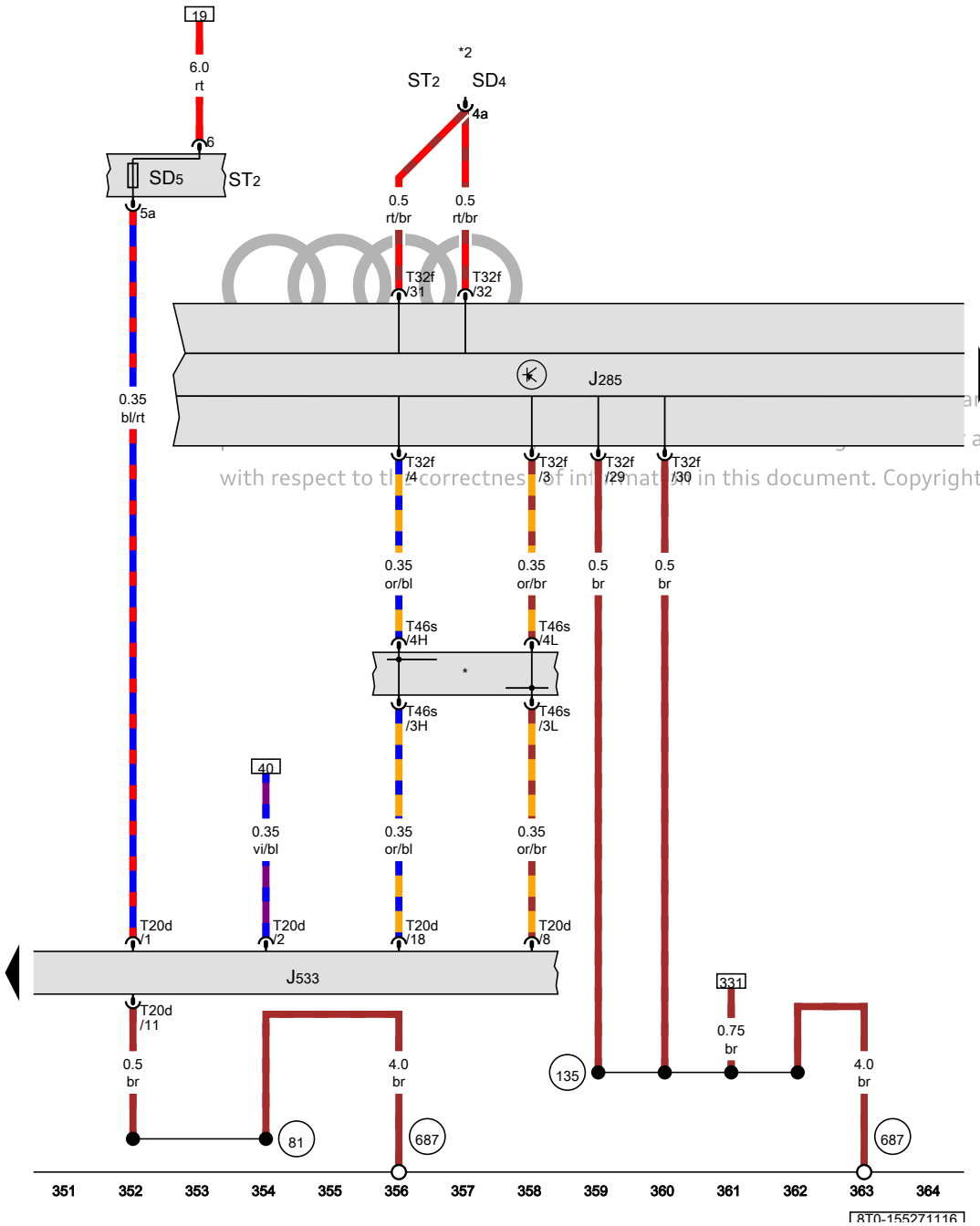


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rs = pink

Data bus diagnostic interface, Engine control unit

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T91	91-pin connector
T105	105-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with automatic gearbox

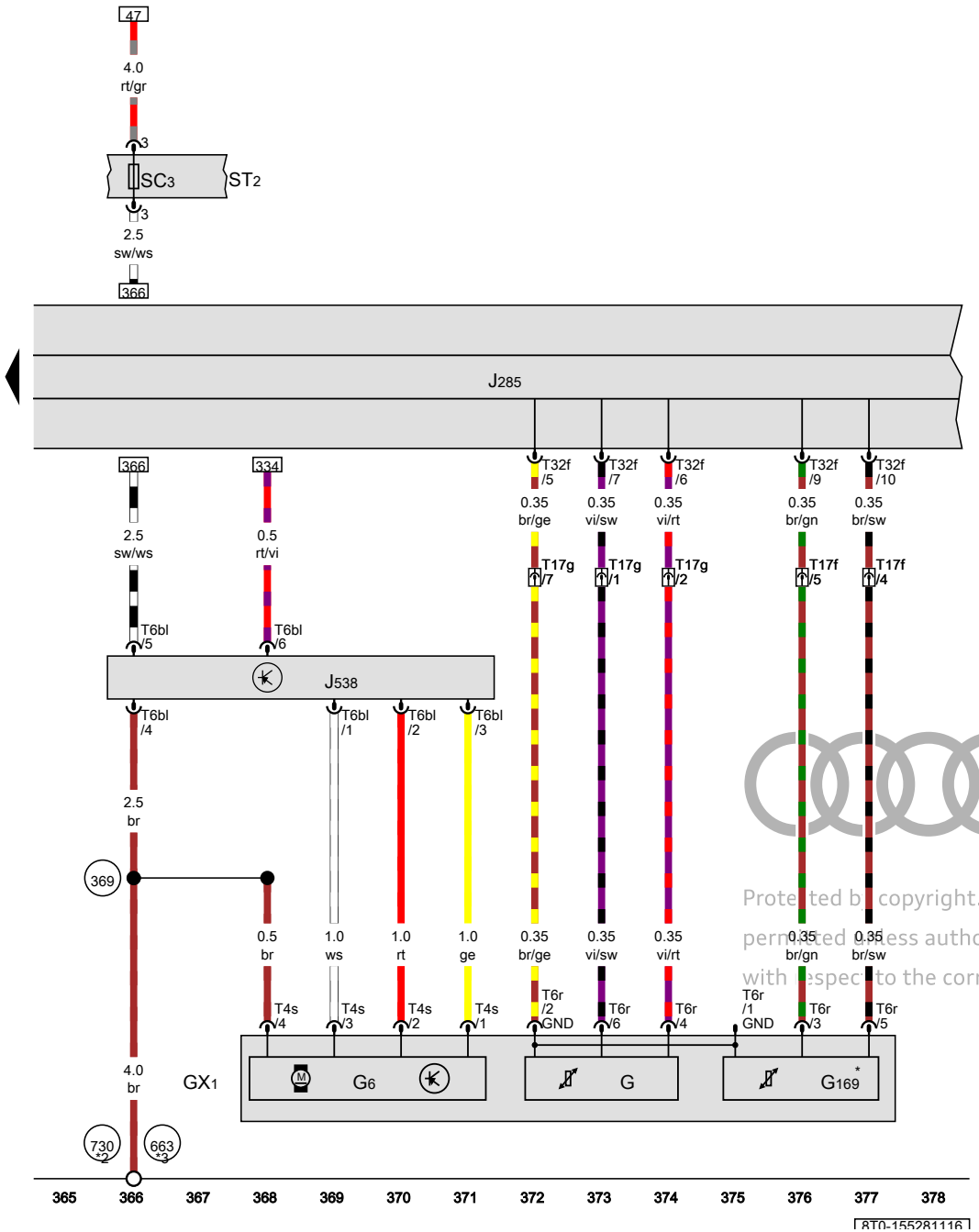


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rt = red
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gr = grey
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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for CAN separating connector
*2	see applicable current flow diagram for fuse assignment



Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

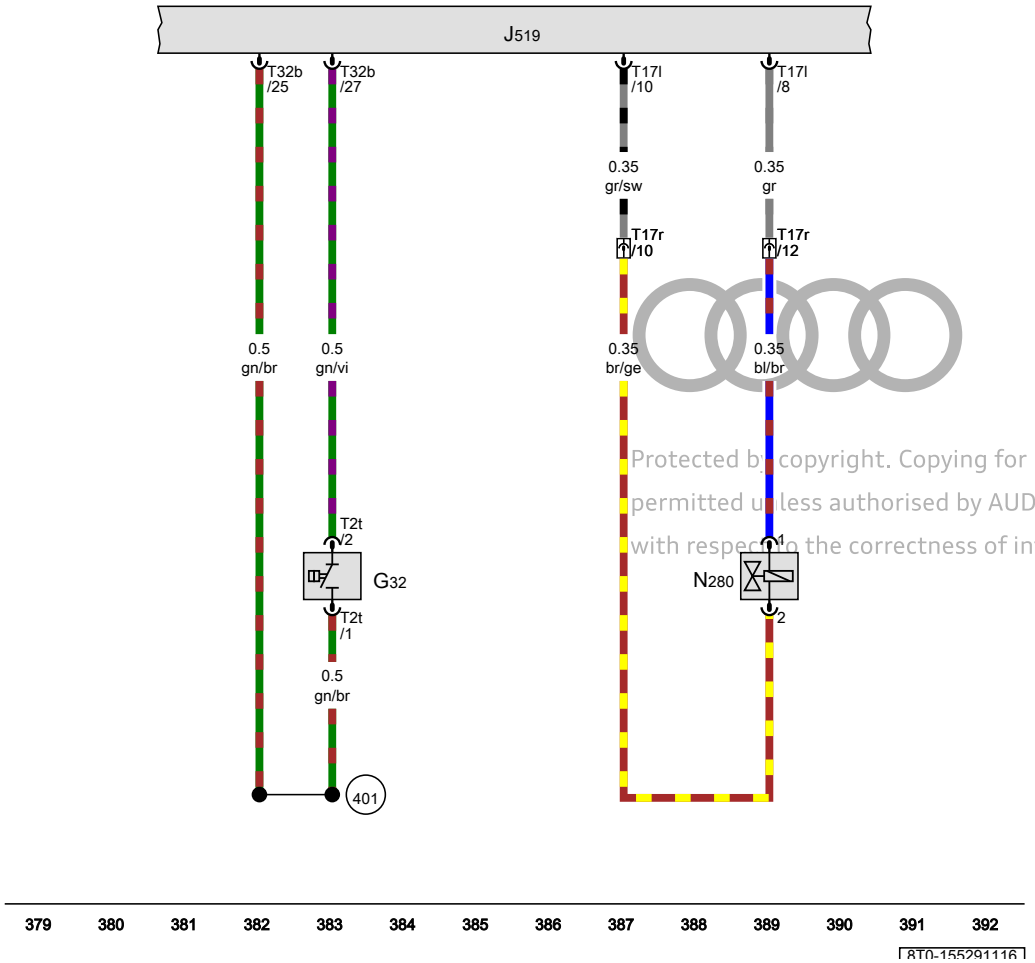
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with all-wheel drive
*2	Only models with 5-doors
*3	Only models with 2-doors

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



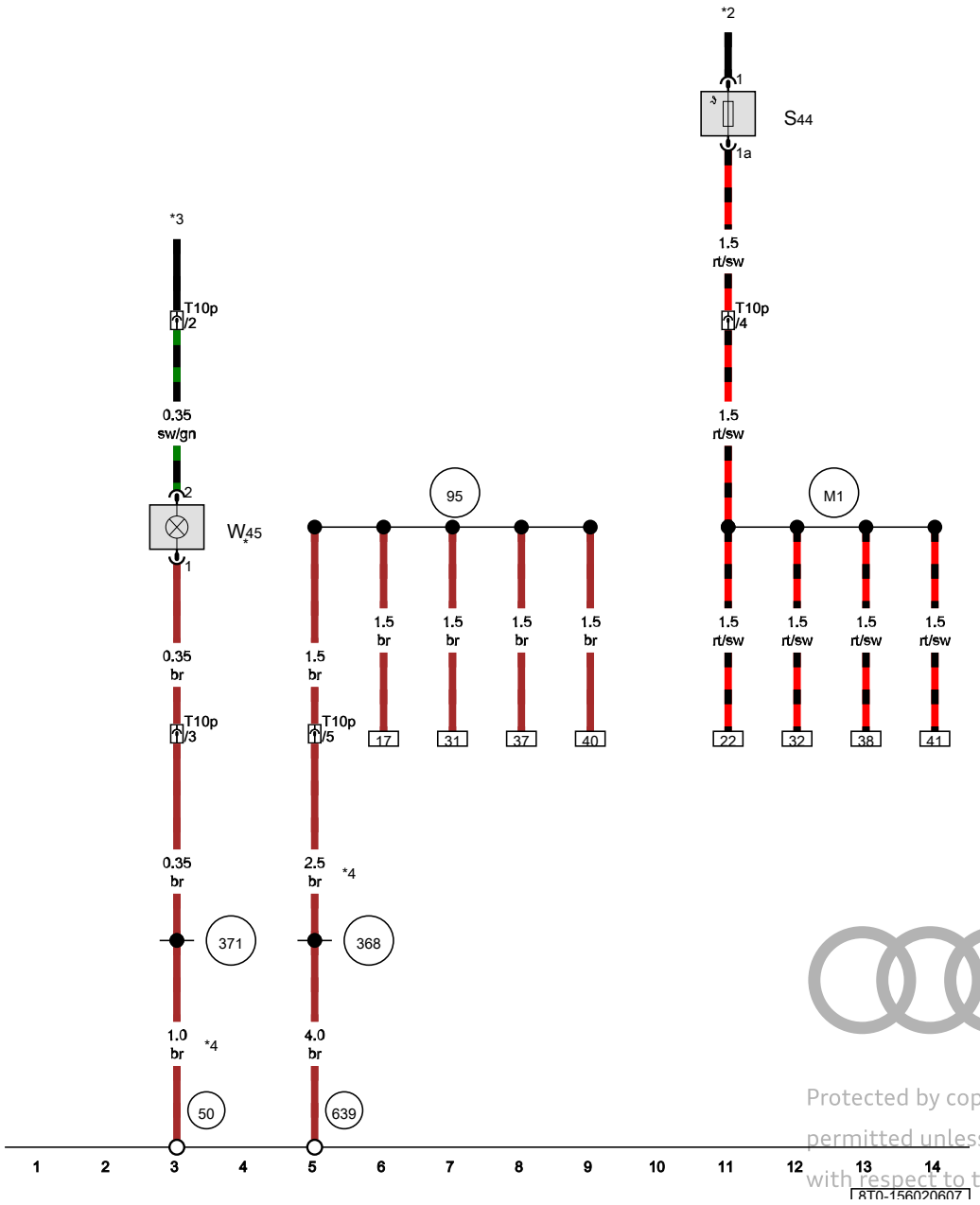
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Adjustable driver and front passenger seats

From June 2007

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Driver seat adjustment thermal fuse 1

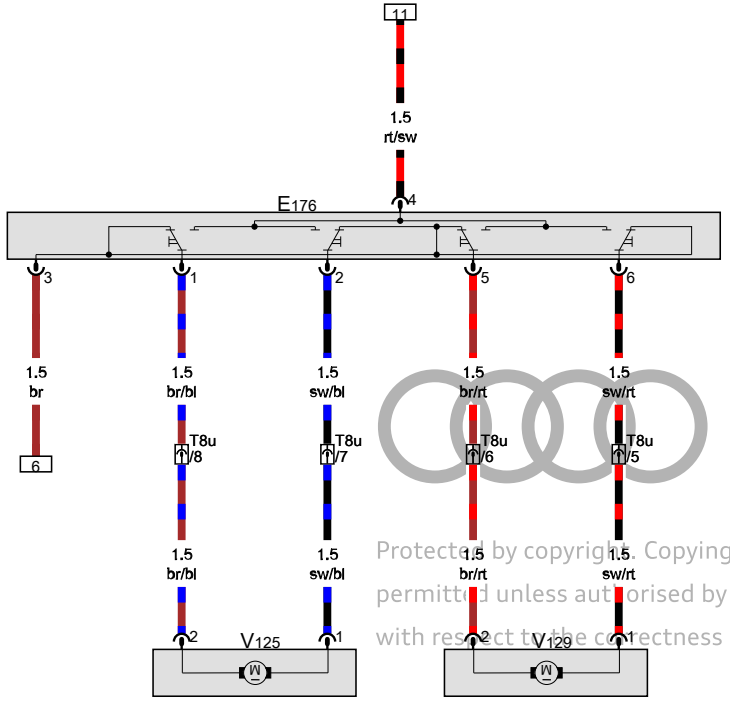
S44	Driver seat adjustment thermal fuse 1
T10p	10-pin connector, red
W45	Rear left footwell light
50	Earth point, on left in luggage compartment
95	Earth connection 1, in seat adjustment wiring harness
368	Earth connection 3, in main wiring harness
371	Earth connection 6, in main wiring harness
639	Earth point, left A-pillar
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	Only models with footwell illumination
*2	see applicable current flow diagram for fuse assignment
*3	see applicable current flow diagram for basic equipment
*4	Cross-section 1.5 possible

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sw	=	black
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rt	=	red
br	=	brown
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Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

E176	Driver seat lumbar support adjustment switch
T8u	8-pin connector, in driver seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor



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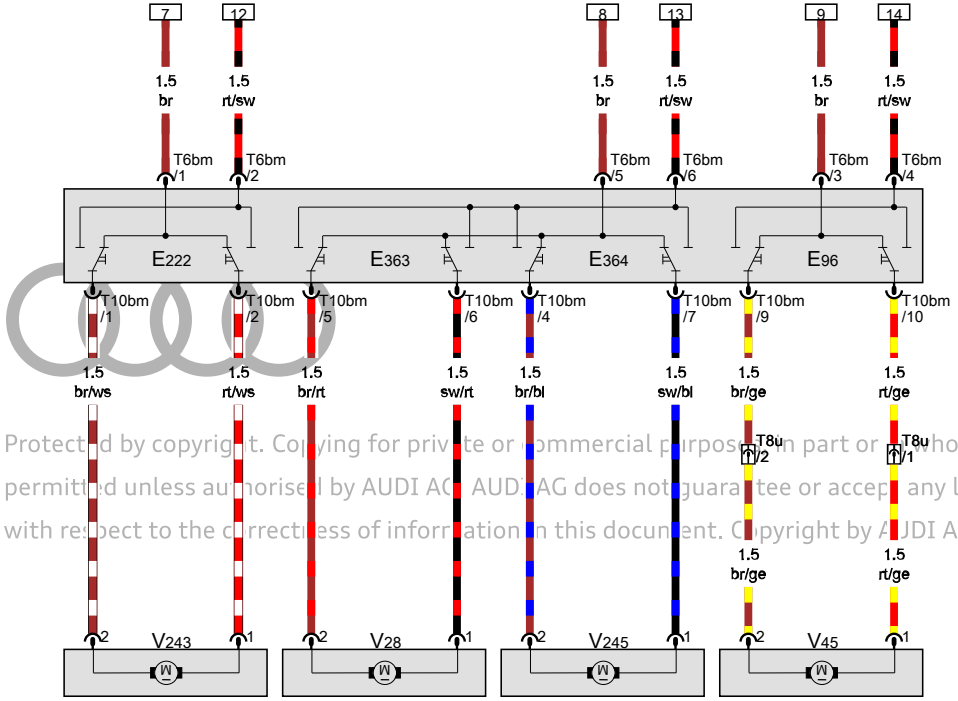
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ge	=	yellow
or	=	orange
rs	=	pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

8T0-1560306O7

Driver seat longitudinal adjustment motor, Driver seat backrest adjustment motor, Driver seat rake adjustment motor, Driver seat height adjustment motor

E96	Driver seat backrest adjustment switch
E222	Driver seat rake adjustment switch
E363	Driver seat longitudinal adjustment switch
E364	Driver seat height adjustment switch
T6bm	6-pin connector
T8u	8-pin connector, in driver seat
T10bm	10-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



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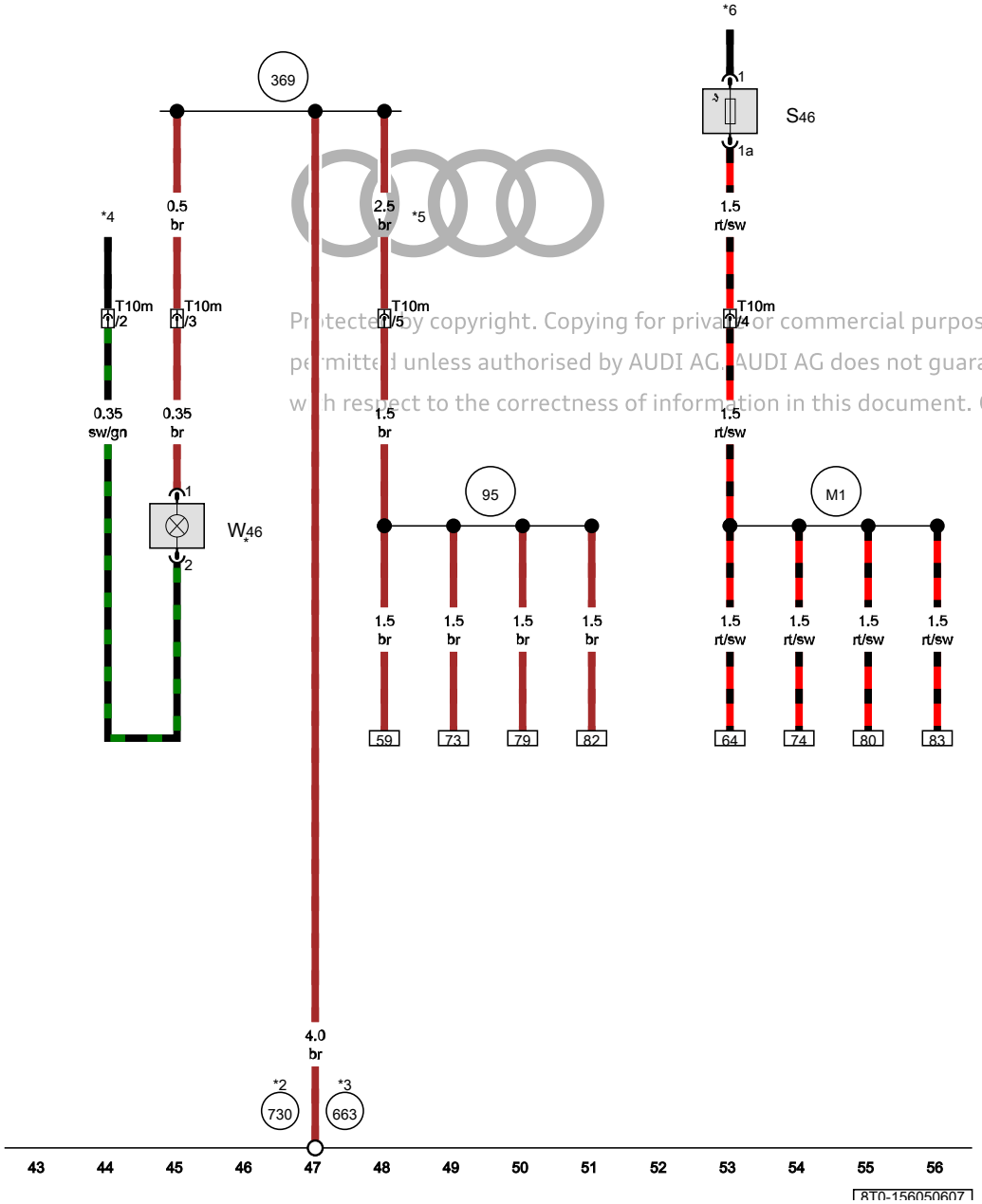
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or	=	orange
rs	=	pink

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8T0-156040607

Front passenger seat adjustment thermal fuse 1, Rear right footwell light

S46	Front passenger seat adjustment thermal fuse 1
T10m	10-pin connector, red
W46	Rear right footwell light
95	Earth connection 1, in seat adjustment wiring harness
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	Only models with footwell illumination
*2	Only models with 5-doors
*3	Only models with 2-doors
*4	see applicable current flow diagram for basic equipment
*5	Cross-section 1.5 possible
*6	see applicable current flow diagram for fuse assignment

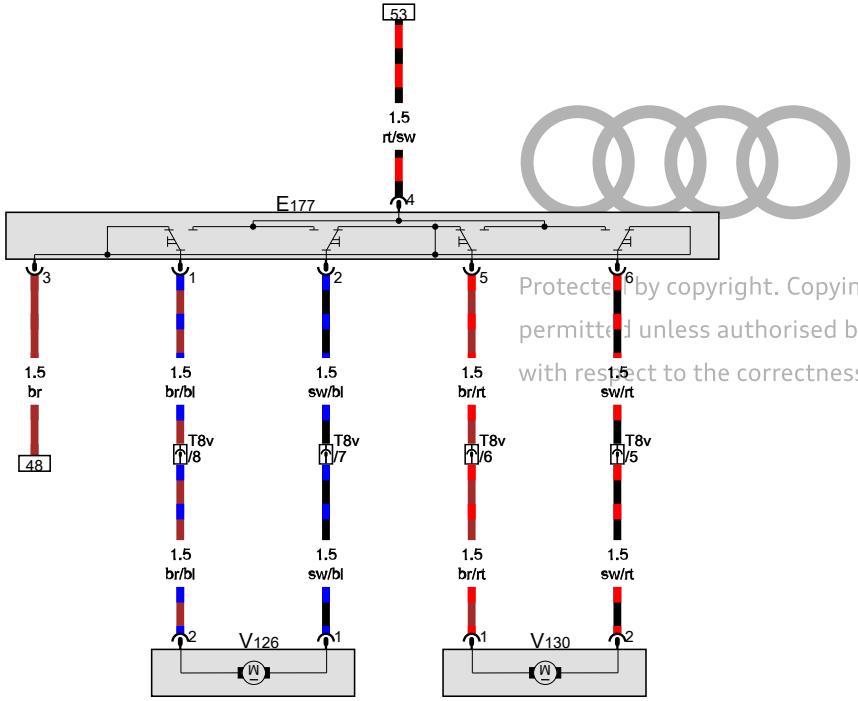


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Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

E177	Front passenger seat lumbar support adjustment switch
T8v	8-pin connector, in front passenger seat
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor



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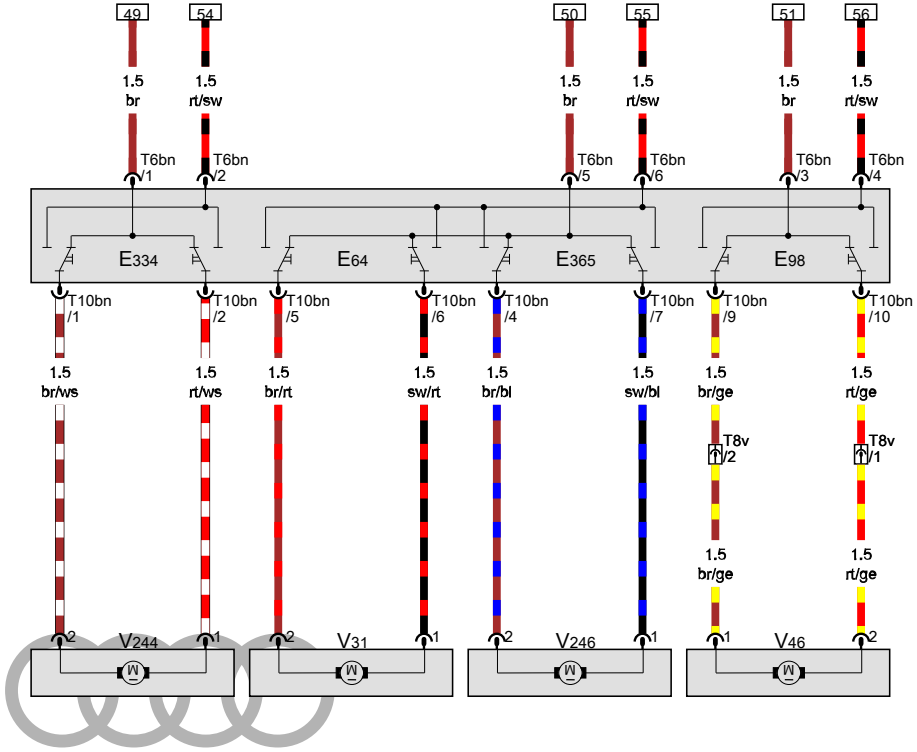
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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

8T0-156060607

Front passenger seat longitudinal adjustment motor, Front passenger seat backrest adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

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
T6bn	6-pin connector
T8v	8-pin connector, in front passenger seat
T10bn	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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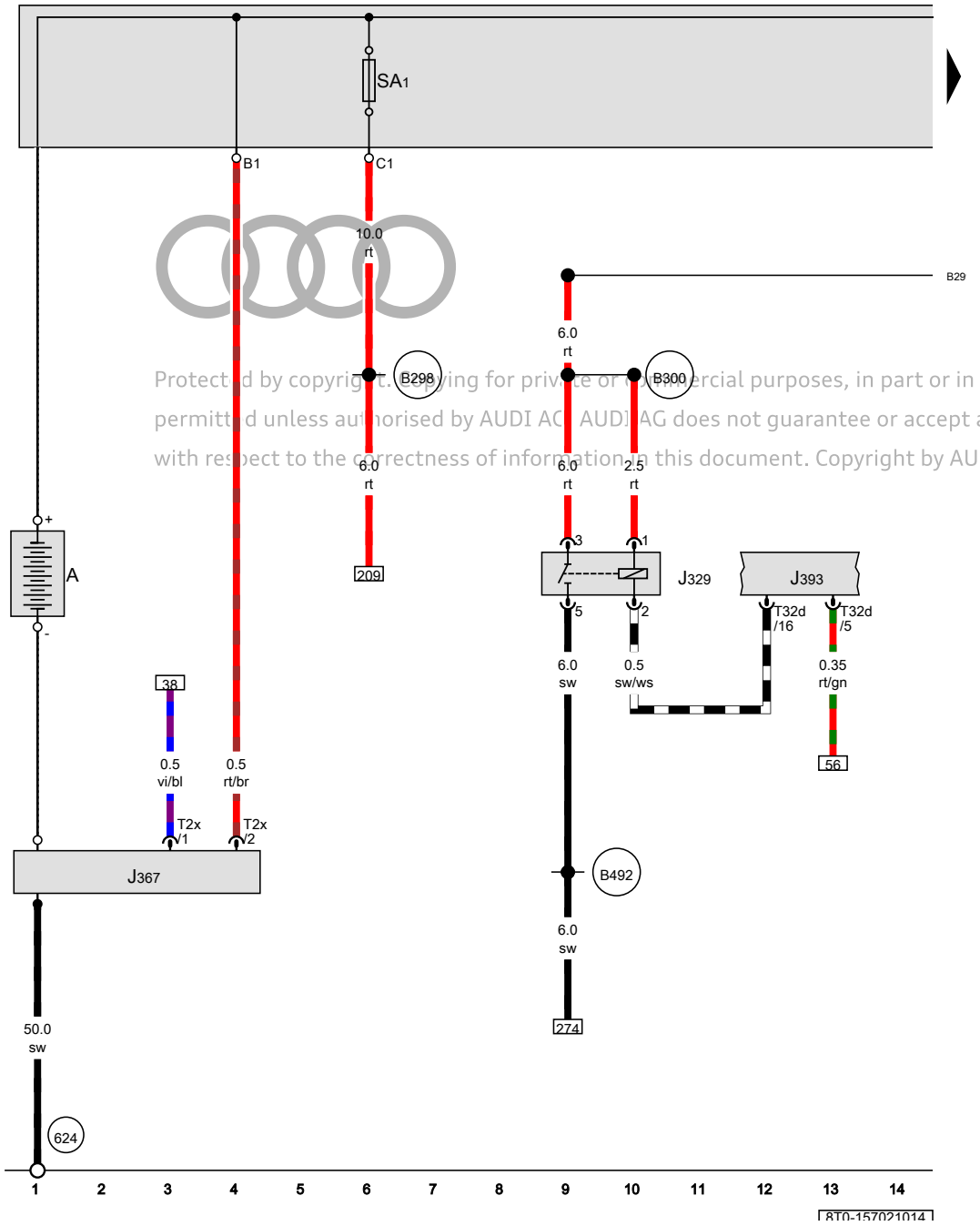
71 72 73 74 75 76 77 78 79 80 81 82 83 84

8T0-156070607

3.0l petrol engine , CREC,CRED,CTDA

From May 2014

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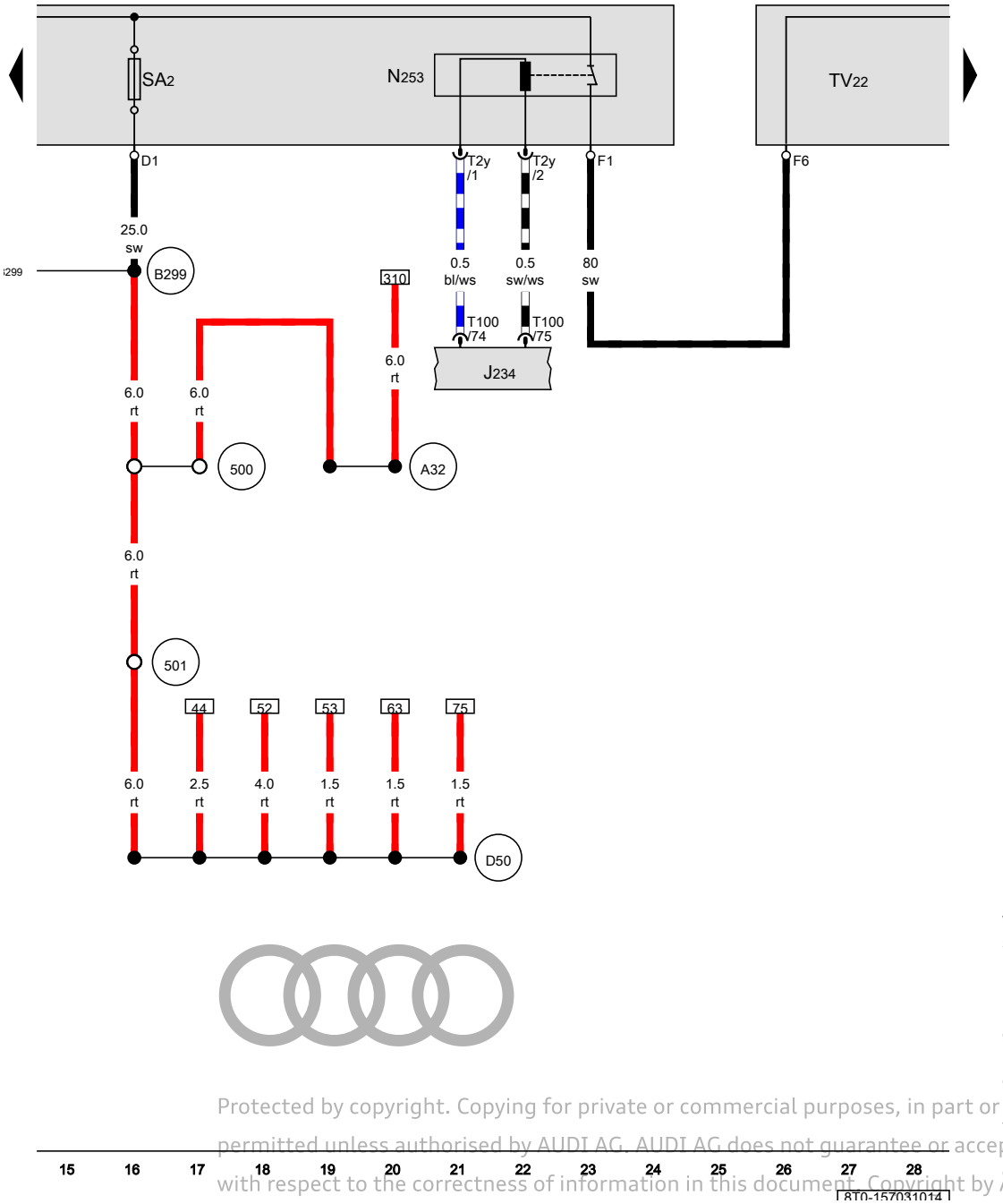


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Battery, Terminal 15 voltage supply relay

A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J393	Convenience system central control unit
SA1	Fuse 1 in fuse holder A
T2x	2-pin connector
T32d	32-pin connector
624	Earth point, starter battery
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
B300	Positive connection 4 (30), in main wiring harness
B492	Positive connection 3 (15), in interior wiring harness

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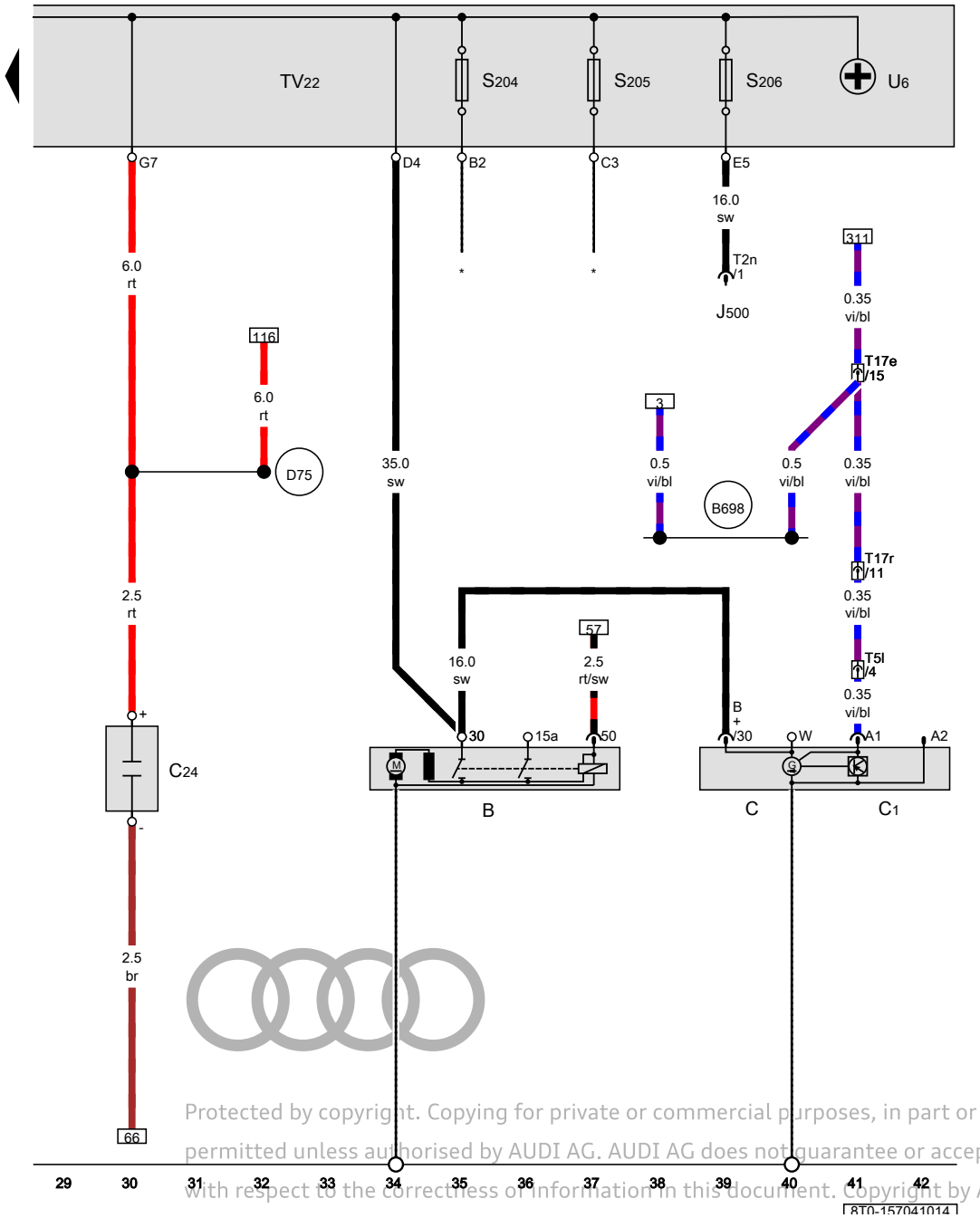


Battery isolation igniter, Terminal 30 wiring junction 2

J234	Airbag control unit
N253	Battery isolation igniter
SA2	Fuse 2 in fuse holder A
T2y	2-pin connector
TV22	Terminal 30 wiring junction 2
T100	100-pin connector
500	Threaded connection 1 (30), on relay plate
501	Threaded connection 2 (30), on relay plate
A32	Positive connection (30), in dash panel wiring harness
B299	Positive connection 3 (30), in main wiring harness
D50	Positive connection (30), in engine compartment wiring harness

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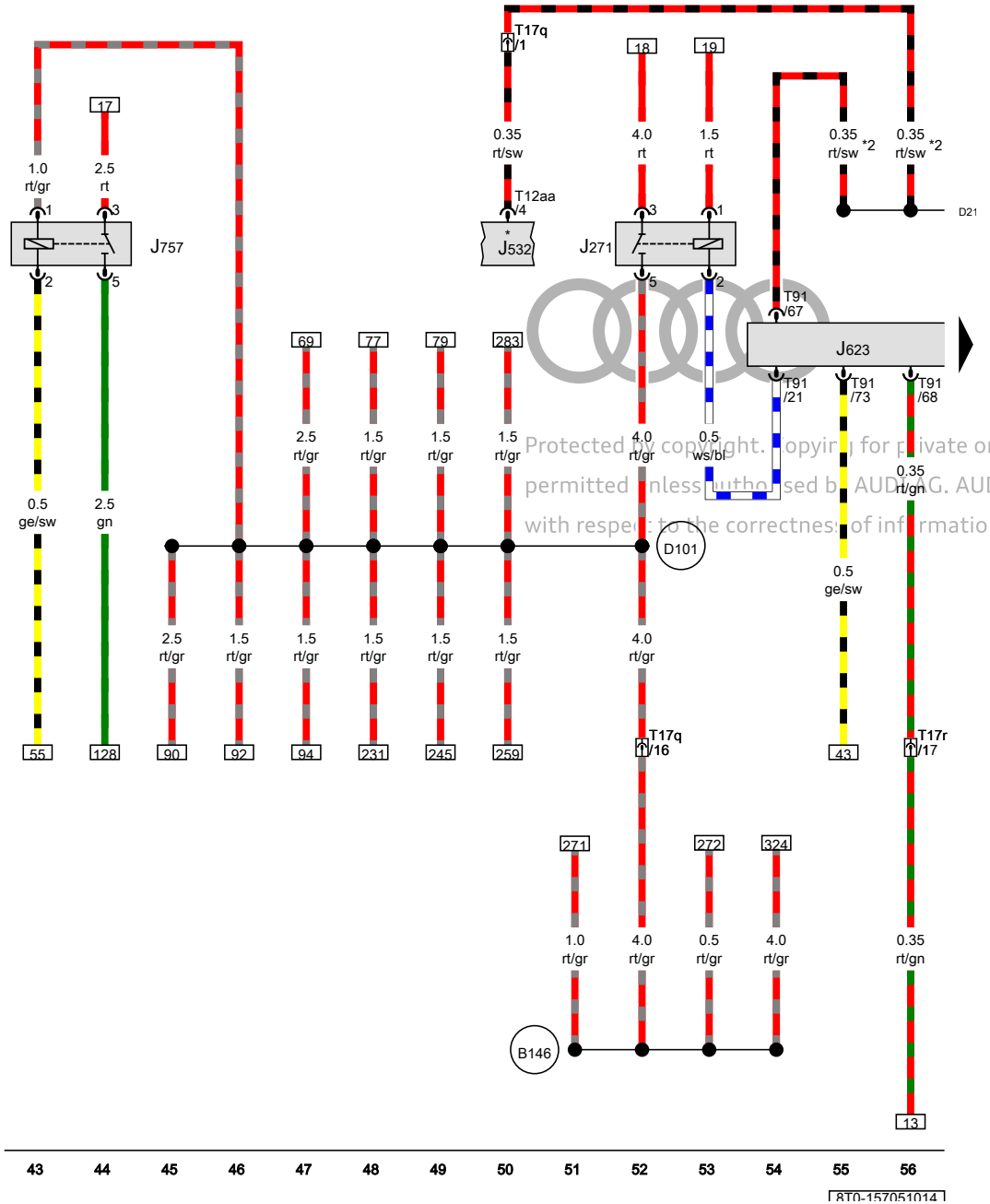
Starter, Alternator, Voltage regulator, Terminal 30 wiring junction 2, Jump start socket

B	Starter
C	Alternator
C1	Voltage regulator
C24	Suppression filter
J500	Power steering control unit
S204	Fuse 1 (30)
S205	Fuse 2 (30)
S206	Fuse 3 (30)
T2n	2-pin connector
T5l	5-pin connector, in engine compartment
T17e	17-pin connector, red
T17r	17-pin connector, white
TV22	Terminal 30 wiring junction 2
U6	Jump start socket
B698	Connection 3 (LIN bus) in main wiring harness
D75	Positive connection 2 (30), in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan

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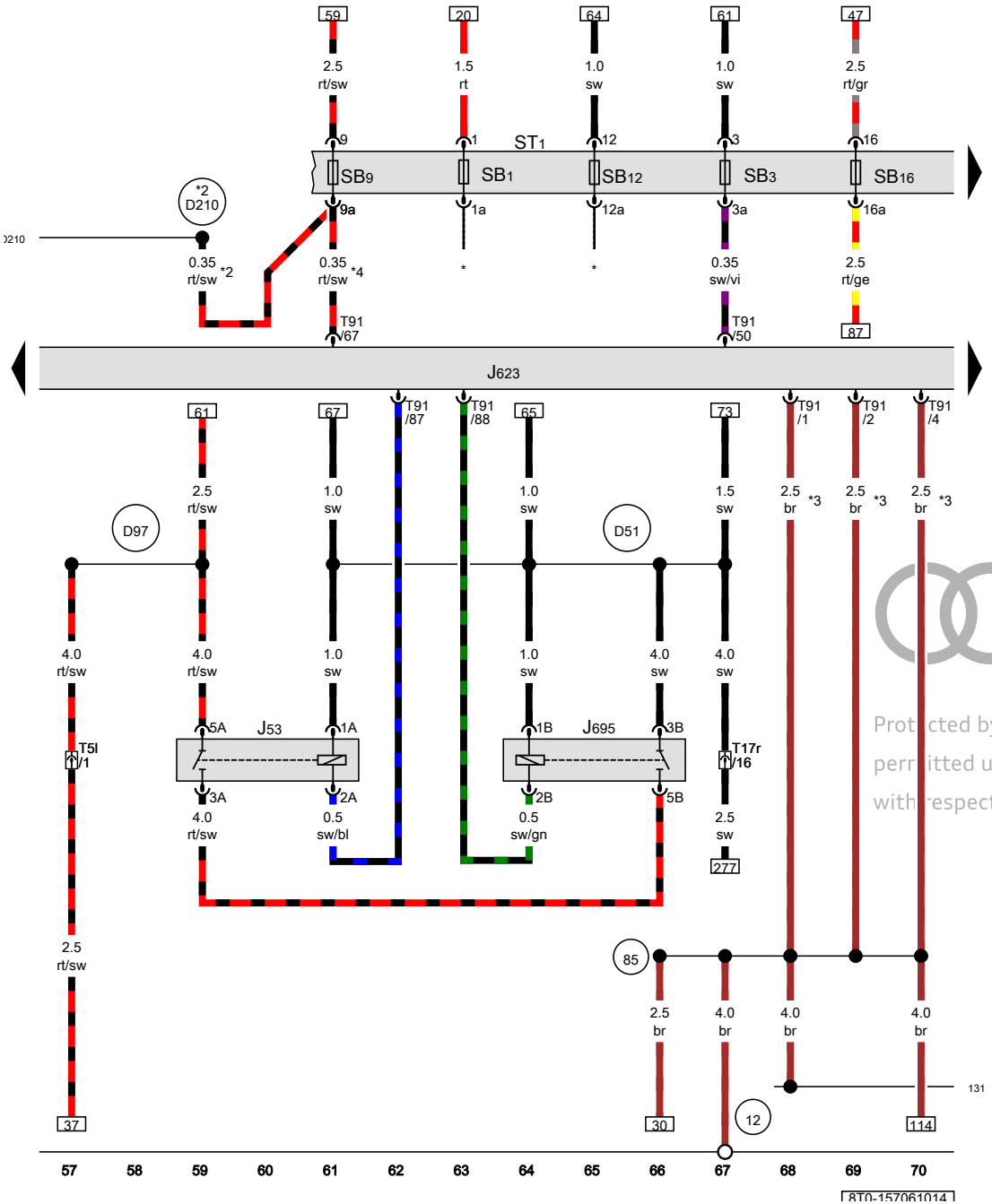
Main relay, Engine component current supply relay



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J271	Main relay
J532	Voltage stabiliser
J623	Engine control unit
J757	Engine component current supply relay
T12aa	12-pin connector
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
B146	Positive connection 1 (87), in interior wiring harness
D101	Connection 1 in engine compartment wiring harness
D210	Connection (50), in engine compartment wiring harness
*	See applicable current flow diagram for start/stop system
*2	Only models with start/stop system

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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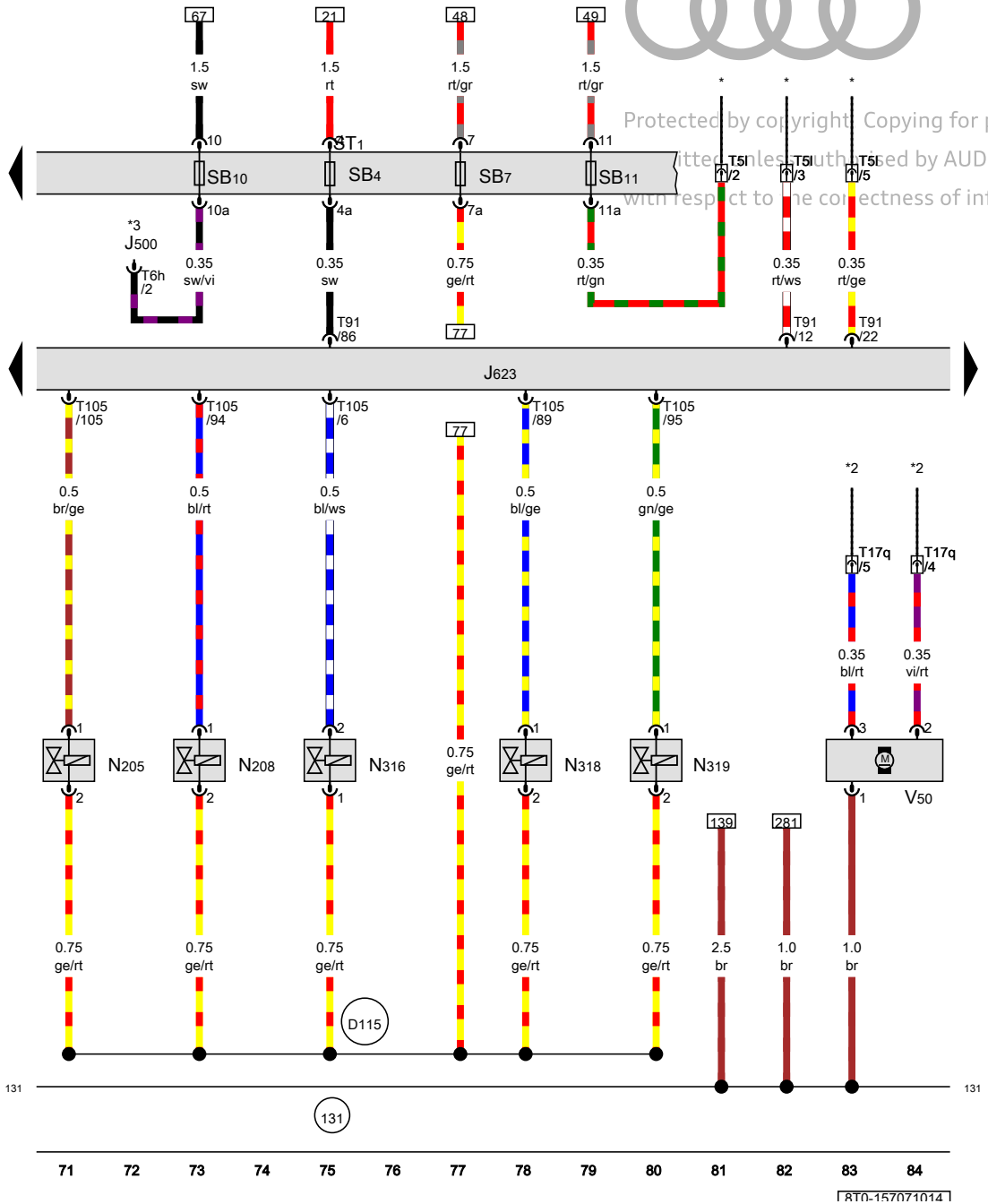
Starter motor relay, Starter motor relay 2

J53	Starter motor relay
J623	Engine control unit
J695	Starter motor relay 2
ST1	Fuse carrier 1
SB1	Fuse 1 on fuse holder B
SB3	Fuse 3 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB16	Fuse 16 on fuse holder B
T5l	5-pin connector, in engine compartment
T17r	17-pin connector, white
T91	91-pin connector
12	Earth point, on left in engine compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
D51	Positive connection 1 (15), in engine compartment wiring harness
D97	Connection (50), in engine compartment right wiring harness
D210	Connection (50), in engine compartment wiring harness
*	see applicable current flow diagram for automatic gearbox
*2	Only models with start/stop system
*3	Cross-section 1.5 possible
*4	Only models with no start/stop system

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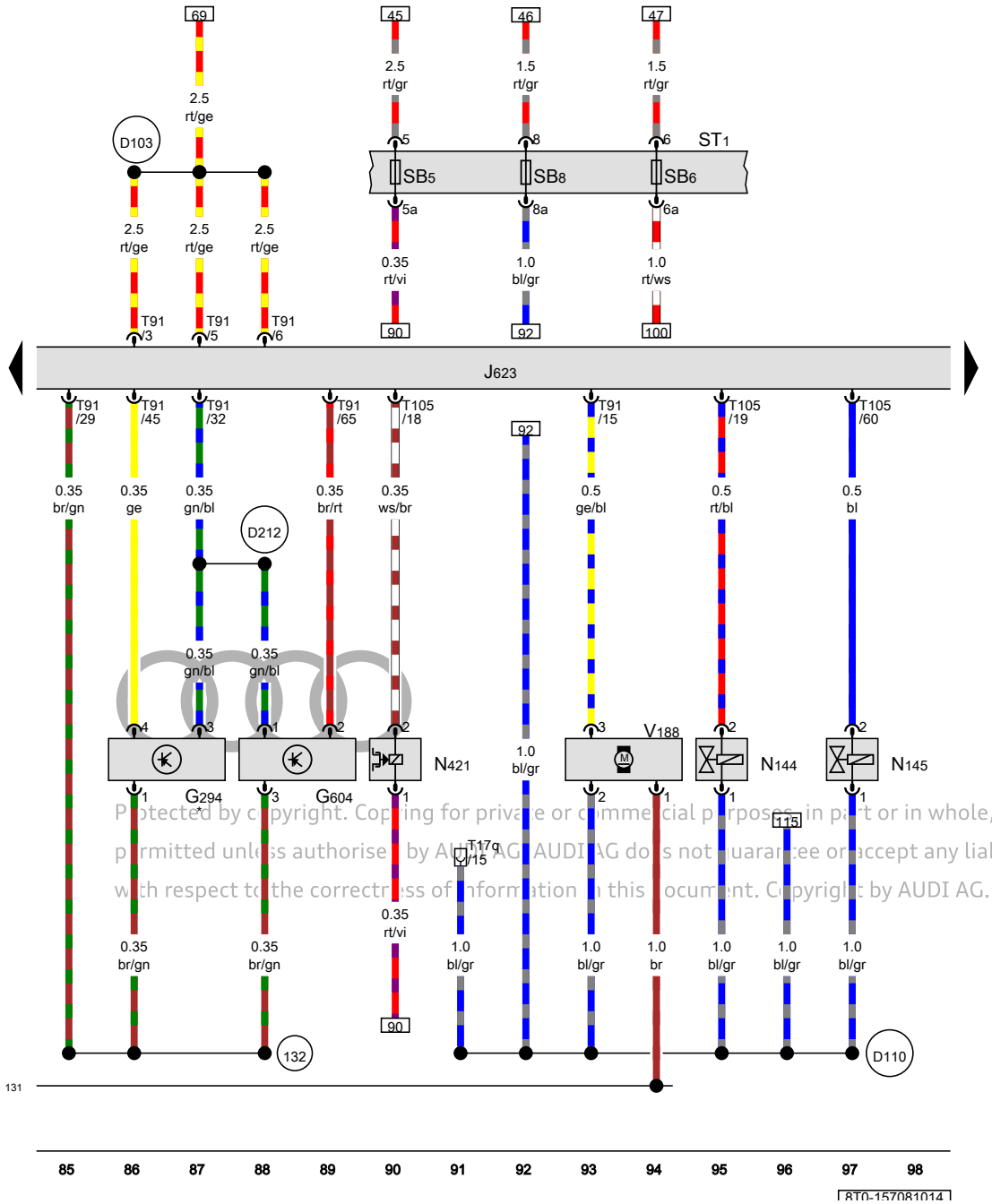
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Camshaft control valve 1, Camshaft control valve 2, Intake manifold flap valve, Exhaust camshaft control valve 1, Exhaust camshaft control valve 2, Coolant circulation pump

J500	Power steering control unit
J623	Engine control unit
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
N319	Exhaust camshaft control valve 2
ST1	Fuse carrier 1
SB4	Fuse 4 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
T5l	5-pin connector, in engine compartment
T6h	6-pin connector
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
V50	Coolant circulation pump
131	Earth connection 2, in engine compartment wiring harness
D115	Connection 13 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for air conditioning
*3	see applicable current flow diagram

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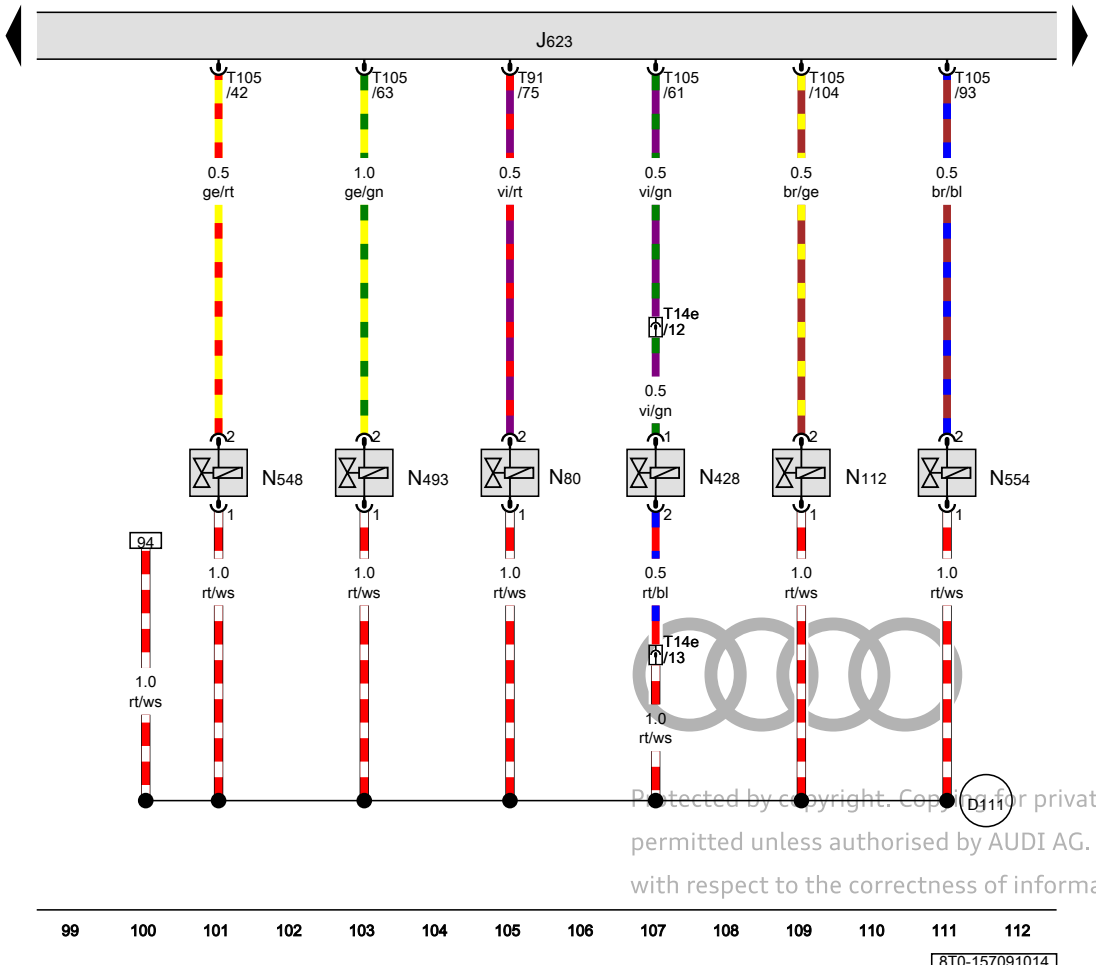
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Brake servo pressure sensor, Gear detection sensor, Left electrohydraulic engine mounting solenoid valve, Right electrohydraulic engine mounting solenoid valve, Magnetic clutch for supercharger, Charge air cooling pump

G294	Brake servo pressure sensor
G604	Gear detection sensor
J623	Engine control unit
N144	Left electrohydraulic engine mounting solenoid valve
N145	Right electrohydraulic engine mounting solenoid valve
N421	Magnetic clutch for supercharger
ST1	Fuse carrier 1
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB8	Fuse 8 on fuse holder B
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
V188	Charge air cooling pump
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
D110	Connection 8 in engine compartment wiring harness
D212	Connection 4 (5V) in engine prewiring harness
*	According to equipment

Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Valve for oil pressure control, Actuator for engine temperature regulation, Crankcase breather shut-off valve, Engine oil cooler valve

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N112	Secondary air inlet valve
N428	Valve for oil pressure control
N493	Actuator for engine temperature regulation
N548	Crankcase breather shut-off valve
N554	Engine oil cooler valve
T14e	14-pin connector, on left in engine compartment
T91	91-pin connector
T105	105-pin connector
D111	Connection 9 in engine compartment wiring harness

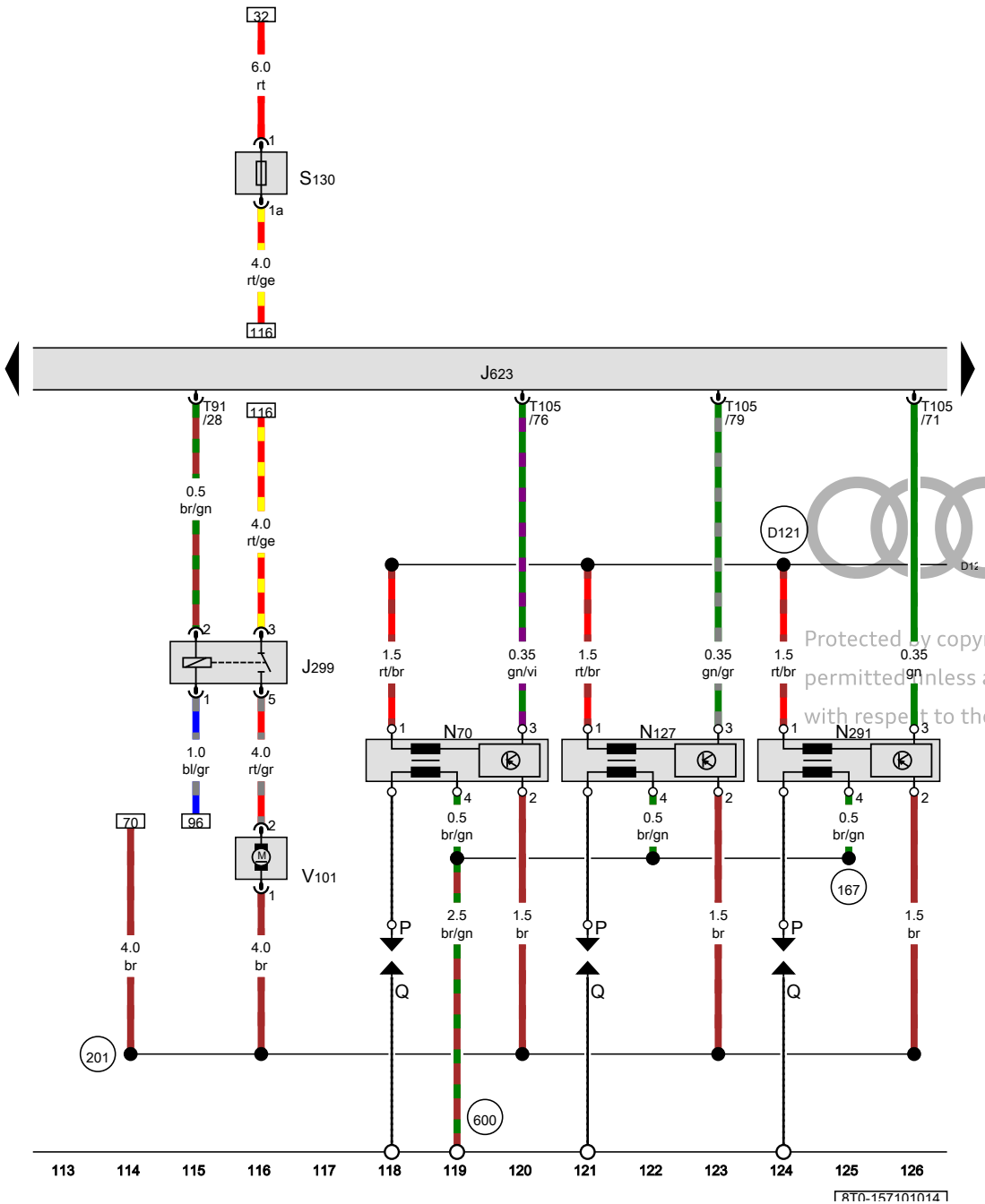


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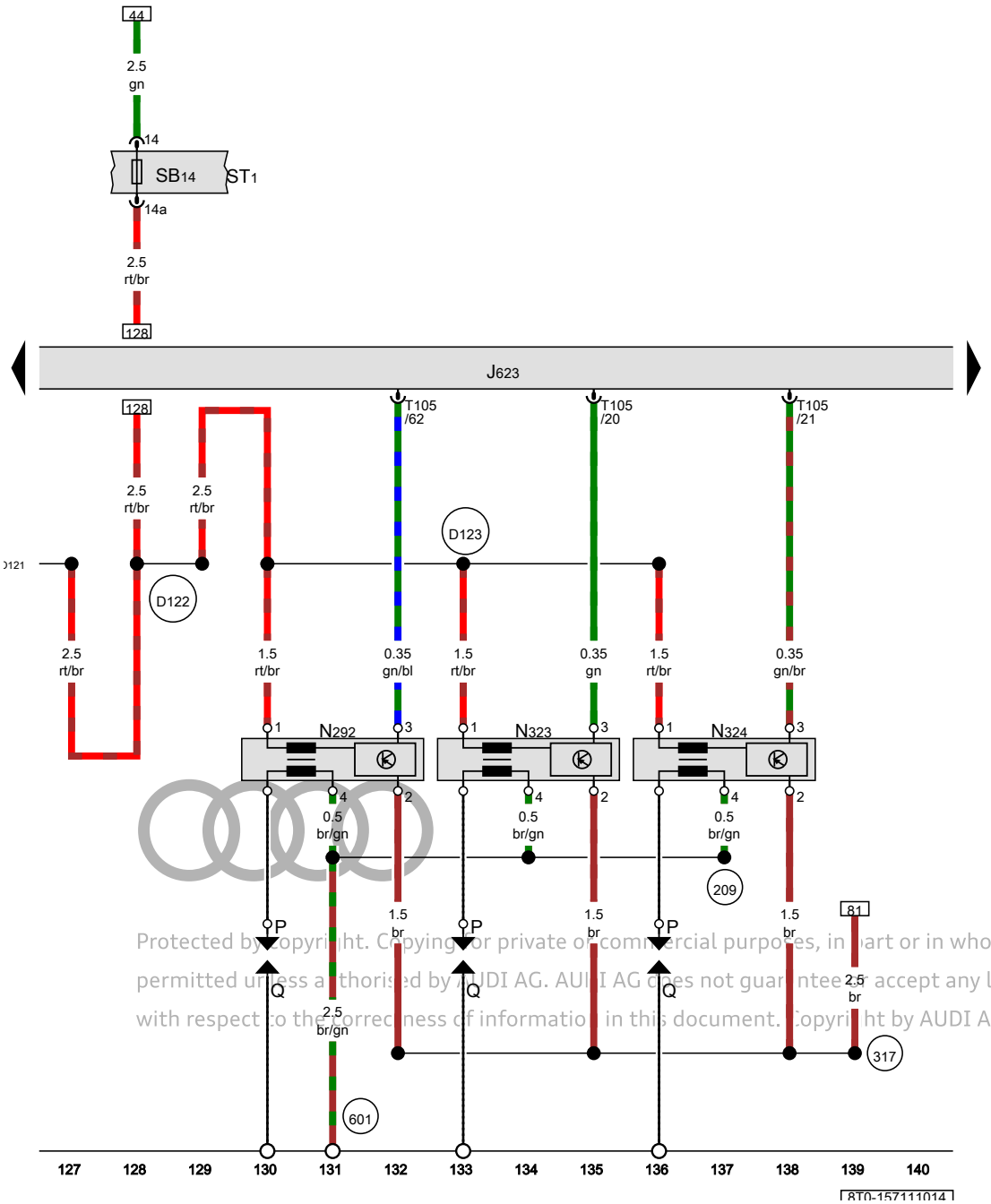
Secondary air pump relay, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Secondary air pump motor

J299	Secondary air pump relay
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
P	Spark plug connector
Q	Spark plugs
S130	Secondary air pump fuse
T91	91-pin connector
T105	105-pin connector
V101	Secondary air pump motor
167	Earth connection 4, in engine compartment wiring harness
201	Earth connection 5, in engine compartment wiring harness
600	Earth point, on right cylinder head
D121	Connection 19 in engine compartment wiring harness



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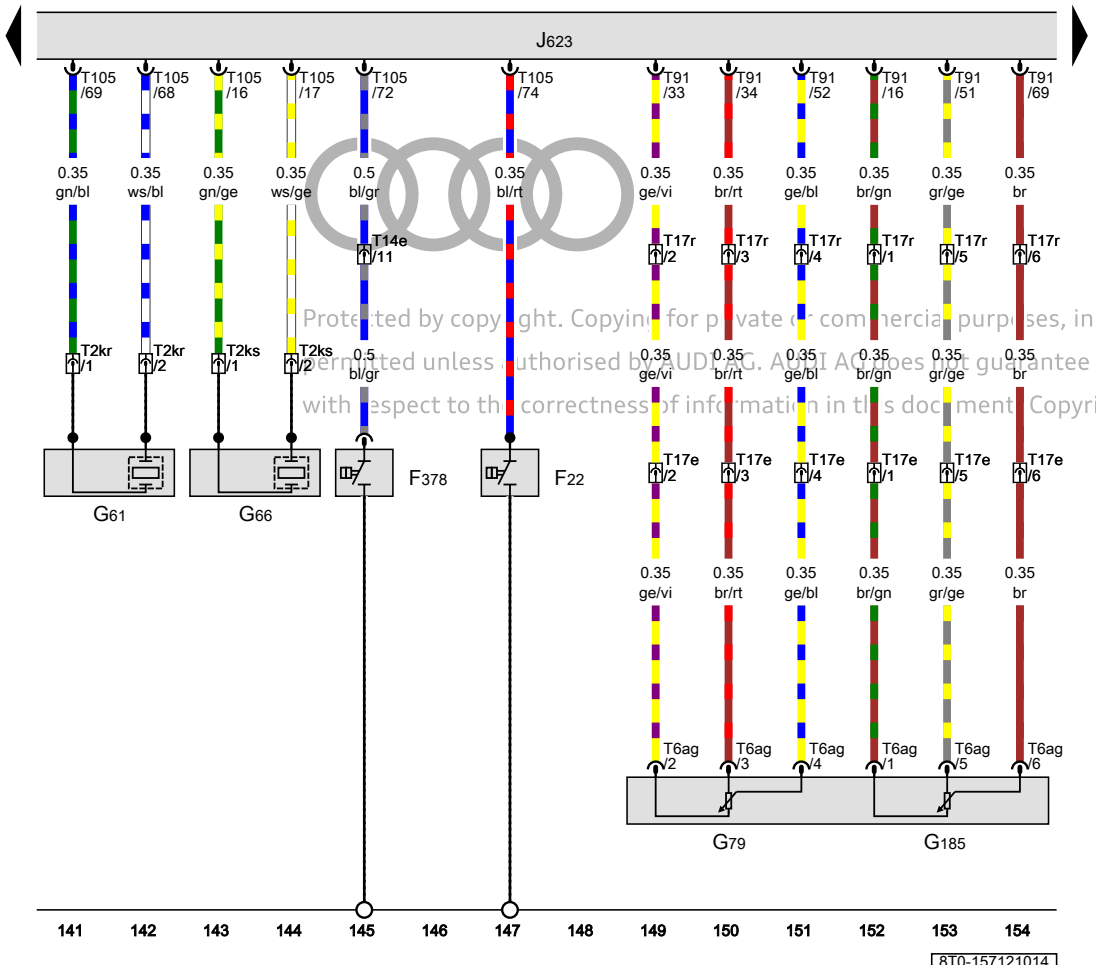
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Ignition coil 4 with output stage, Ignition coil 5 with output stage, Ignition coil 6 with output stage

J623	Engine 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
ST1	Fuse carrier 1
SB14	Fuse 14 on fuse holder B
T105	105-pin connector
209	Earth connection 6, in engine compartment wiring harness
317	Earth connection 7, in engine compartment wiring harness
601	Earth point, on left cylinder head
D121	Connection 19 in engine compartment wiring harness
D122	Connection 20 in engine compartment wiring harness
D123	Connection 21 in engine compartment wiring harness

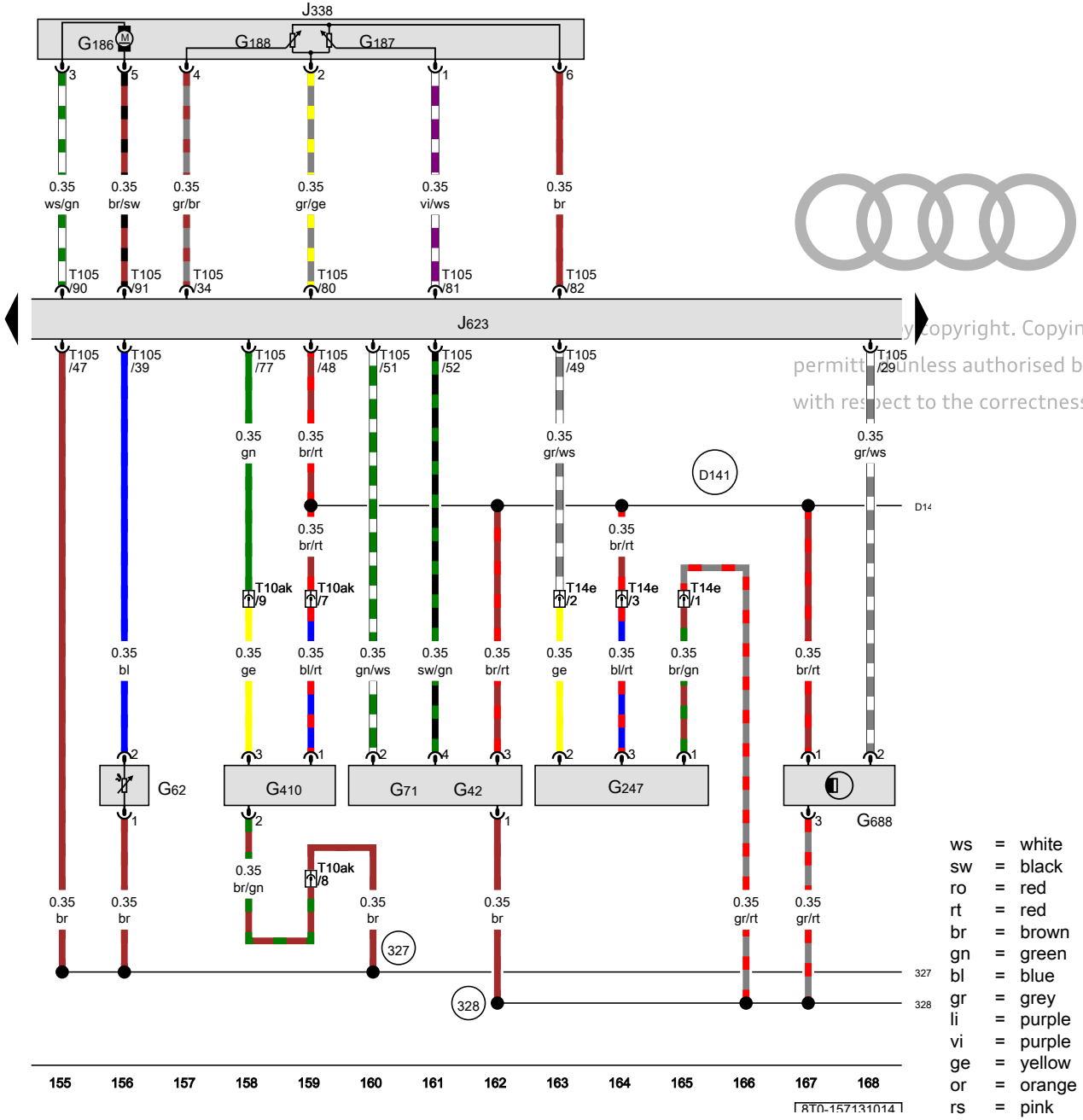
Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Knock sensor 2, Accelerator position sender, Accelerator position sender 2

F22	Oil pressure switch
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
J623	Engine control unit
T2kr	2-pin connector, light brown
T2ks	2-pin connector, black
T6ag	6-pin connector
T14e	14-pin connector, on left in engine compartment
T17e	17-pin connector, green
T17r	17-pin connector, white
T91	91-pin connector
T105	105-pin connector



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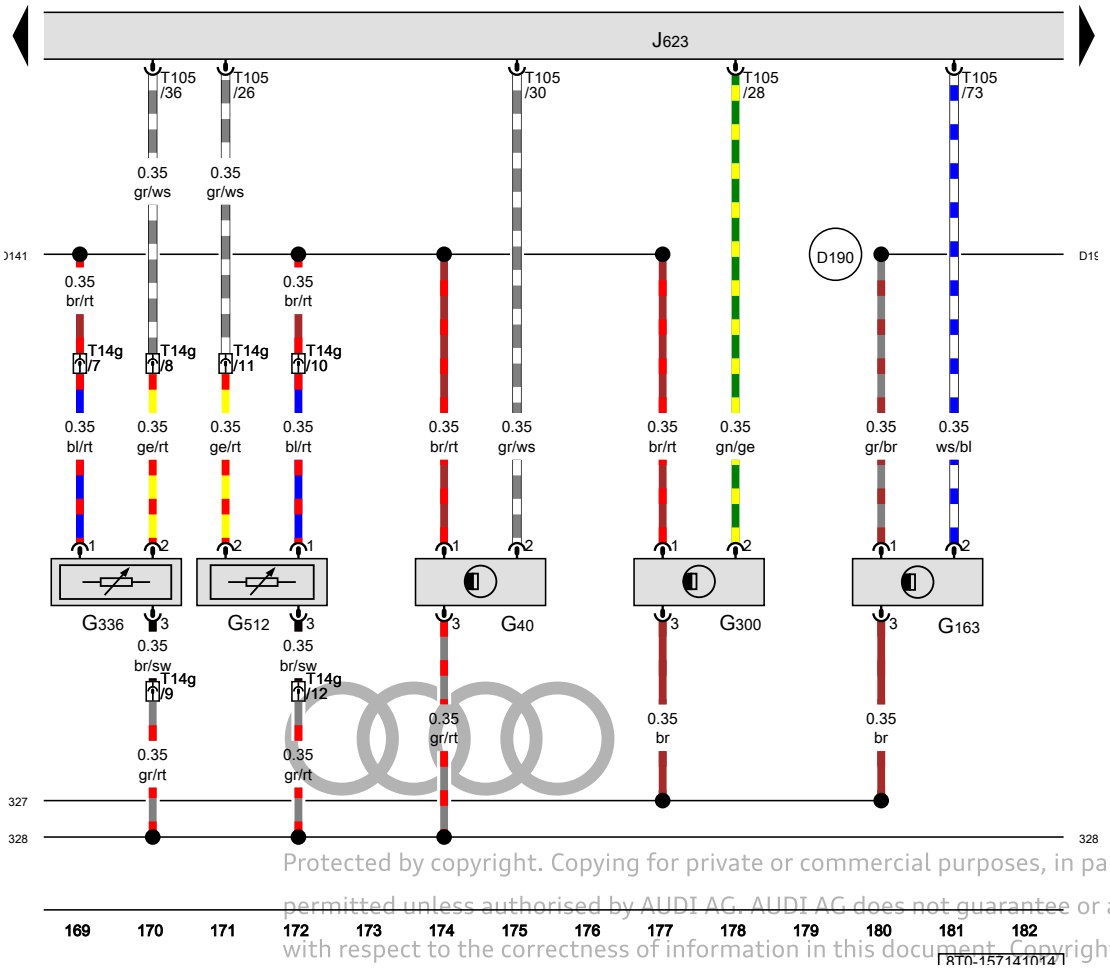
Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Fuel pressure sender, Fuel pressure sender for low-pressure, Sender 1 for turbocharger speed, Throttle valve module

G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure 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
G247	Fuel pressure sender
G410	Fuel pressure sender for low-pressure
G688	Sender 1 for turbocharger speed
J338	Throttle valve module
J623	Engine control unit
T10ak	10-pin connector, on engine
T14e	14-pin connector, on left in engine compartment
T105	105-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

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Hall sender, Hall sender 2, Hall sender 3, Intake manifold flap potentiometer, Intake manifold flap potentiometer 2

G40	Hall sender
G163	Hall sender 2
G300	Hall sender 3
G336	Intake manifold flap potentiometer
G512	Intake manifold flap potentiometer 2
J623	Engine control unit
T14g	14-pin connector, on right in engine compartment
T105	105-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
D190	Connection 3 (5V) in engine prewiring harness

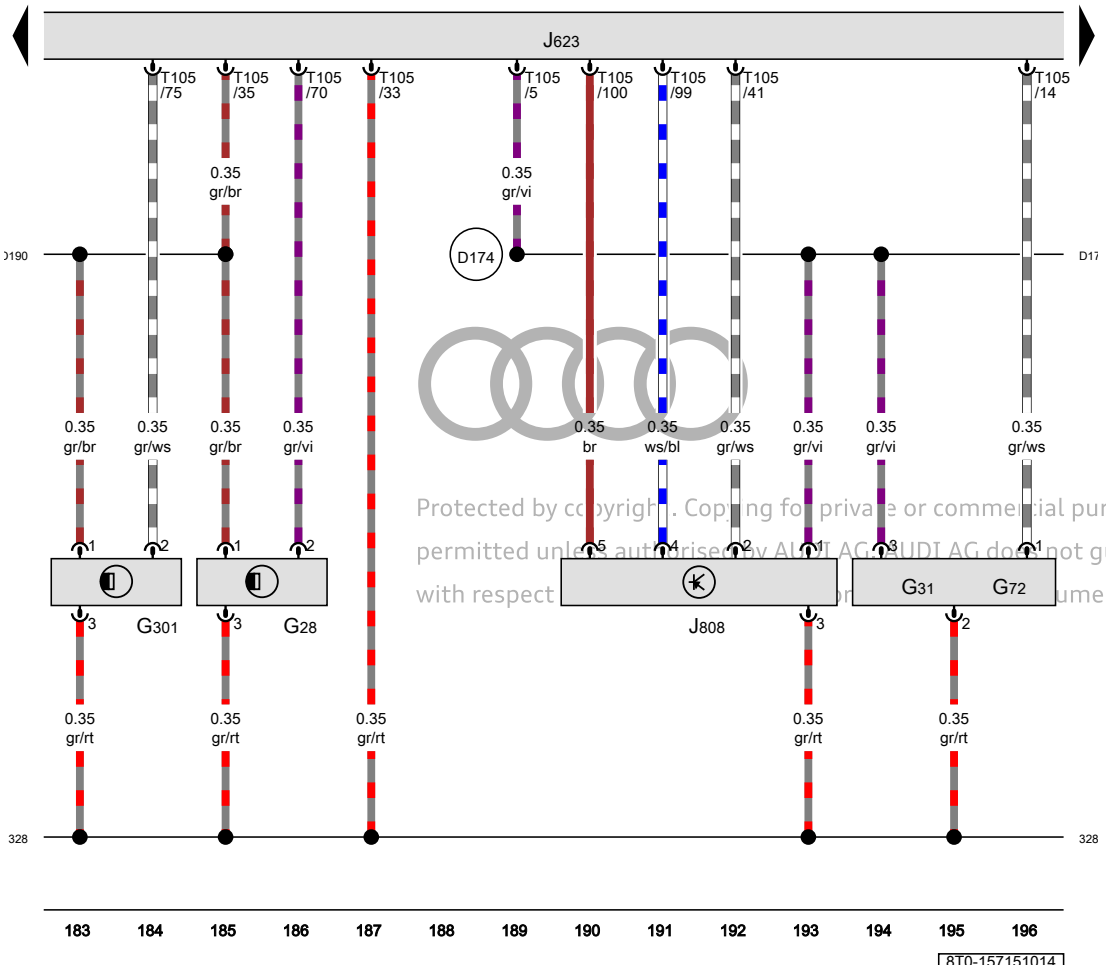


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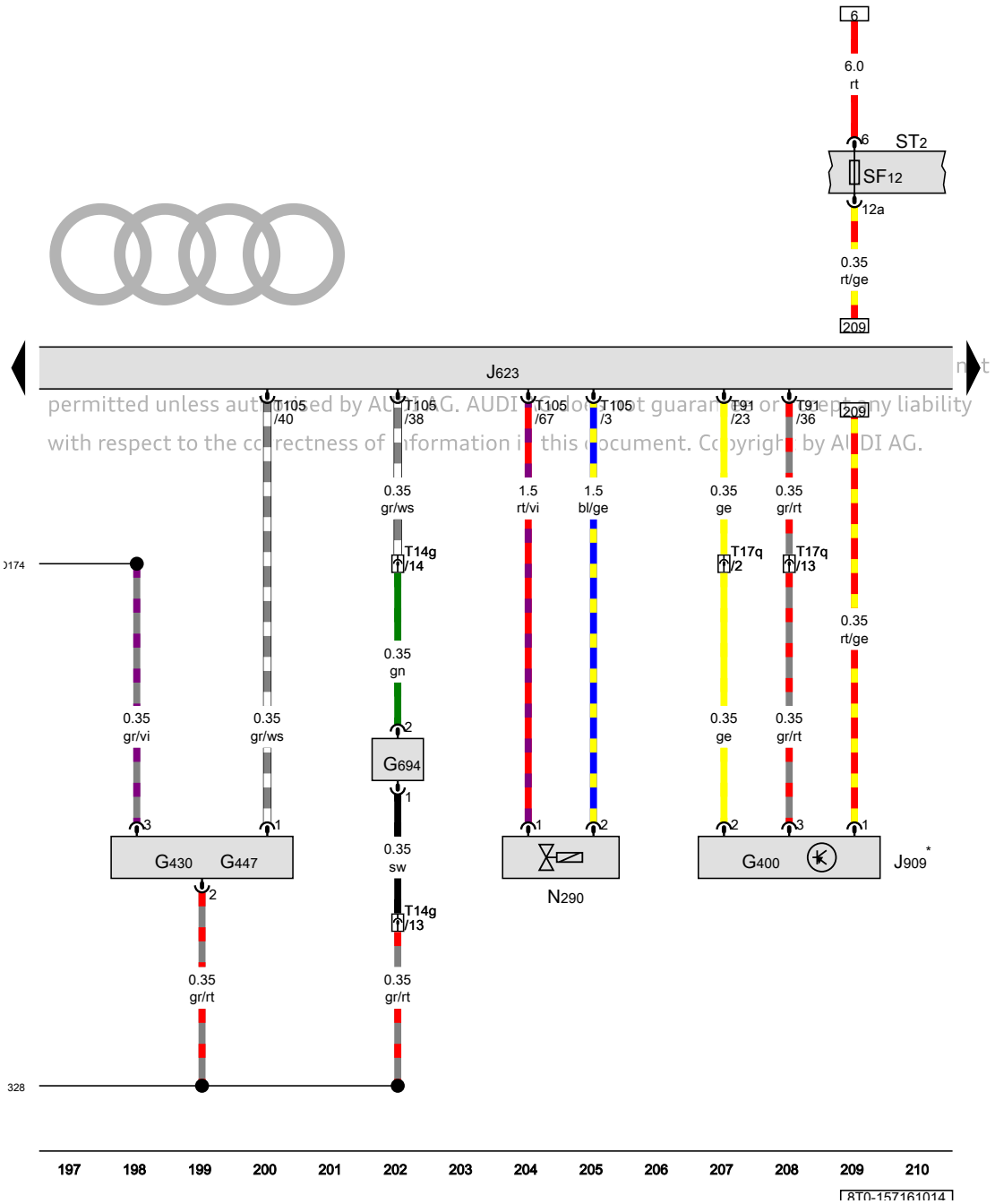
Engine speed sender, Charge pressure sender, Intake manifold temperature sender, Hall sender 4, Regulating flap control unit

G28	Engine speed sender, dark brown
G31	Charge pressure sender
G72	Intake manifold temperature sender
G301	Hall sender 4
J623	Engine control unit
J808	Regulating flap control unit
T105	105-pin connector
328	Earth connection 2 (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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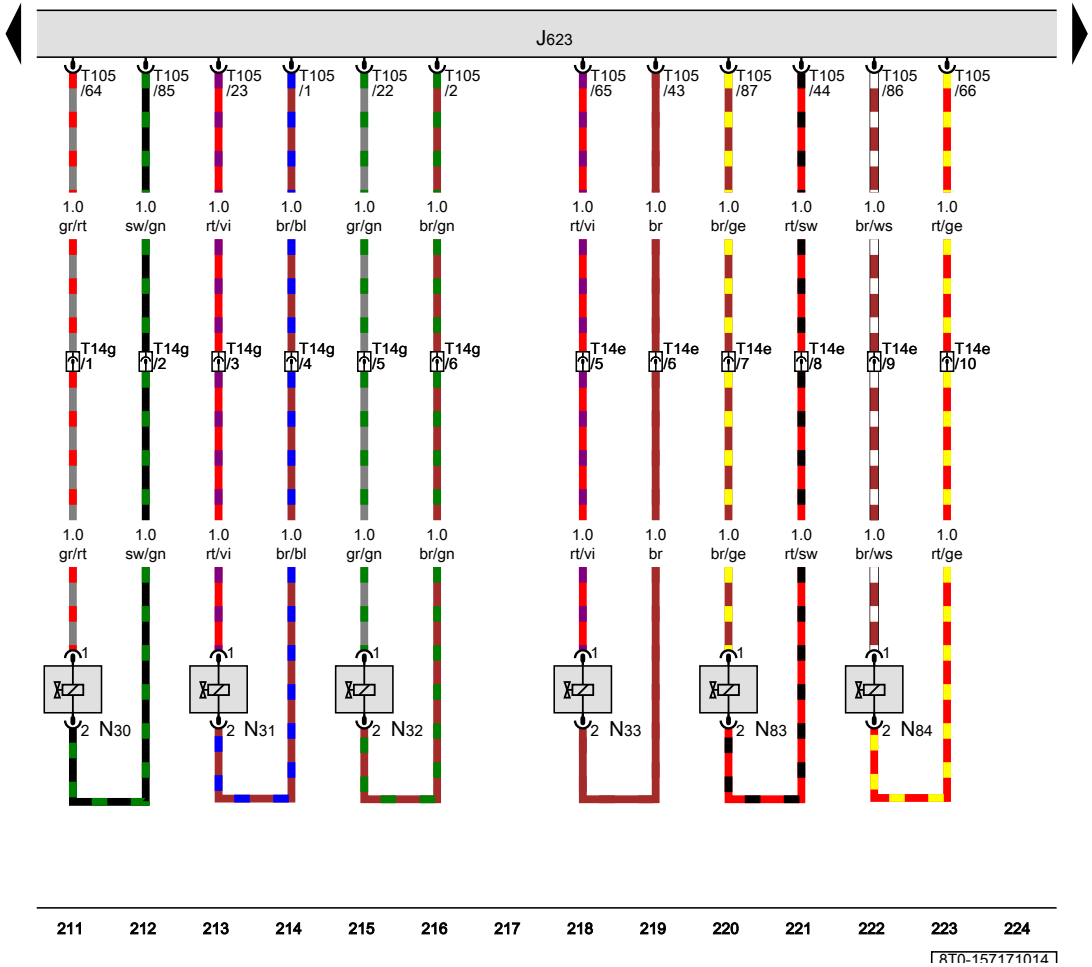
Tank pressure sensor, Intake manifold temperature sender 2, Charge pressure sender 2, Temperature sender for engine temperature regulation, Control unit for fuel tank leak detection, Fuel metering valve

G400	Tank pressure sensor
G430	Intake manifold temperature sender 2
G447	Charge pressure sender 2
G694	Temperature sender for engine temperature regulation
J623	Engine control unit
J909	Control unit for fuel tank leak detection
N290	Fuel metering valve
ST2	Fuse carrier 2
SF12	Fuse 12 in fuse holder F
T14g	14-pin connector, on right in engine compartment
T17q	17-pin connector, red
T91	91-pin connector
T105	105-pin connector
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Only models with fuel system diagnostic pump

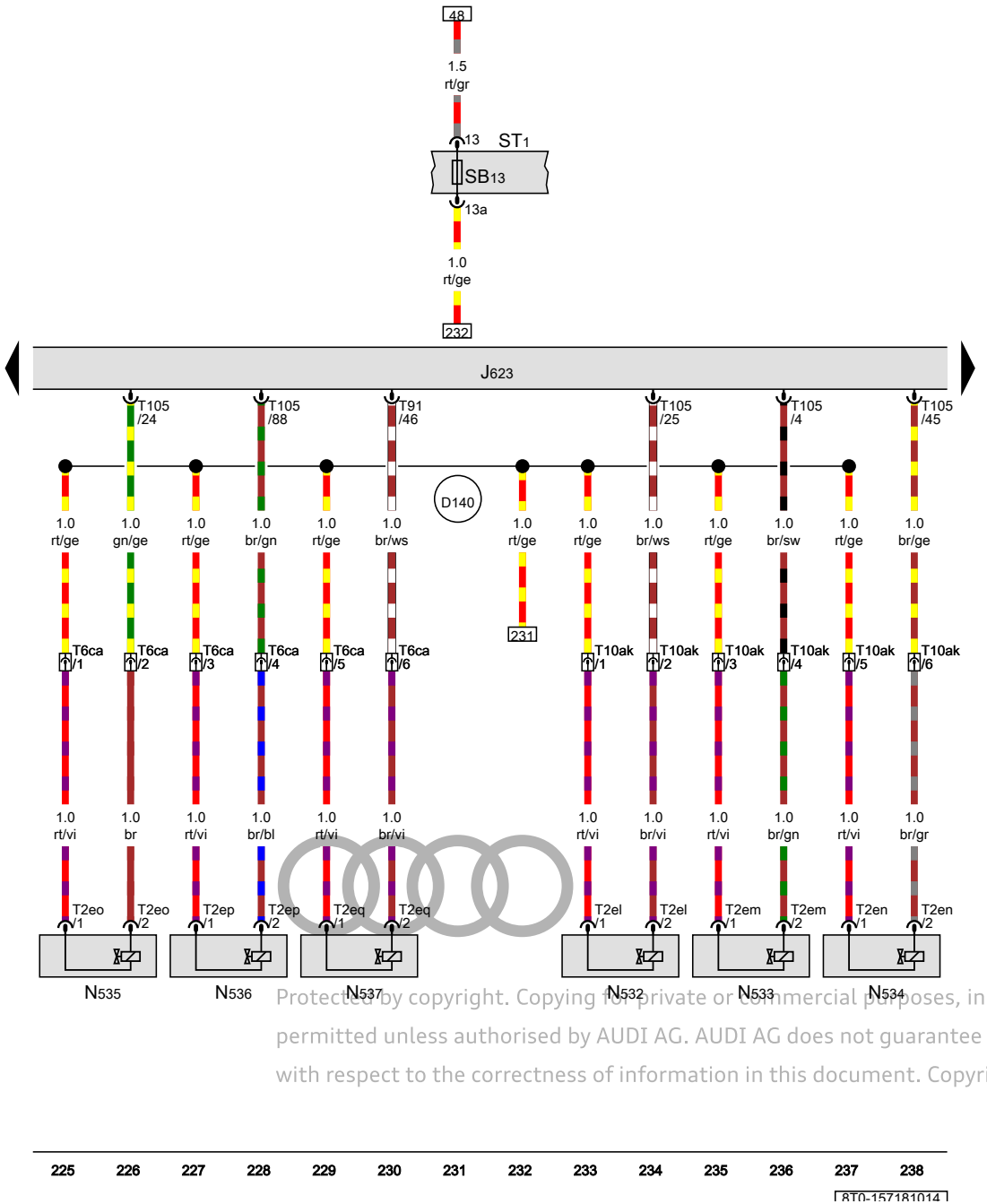
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Injector, cylinder 6

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
T14e	14-pin connector, on left in engine compartment
T14g	14-pin connector, on right in engine compartment
T105	105-pin connector

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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

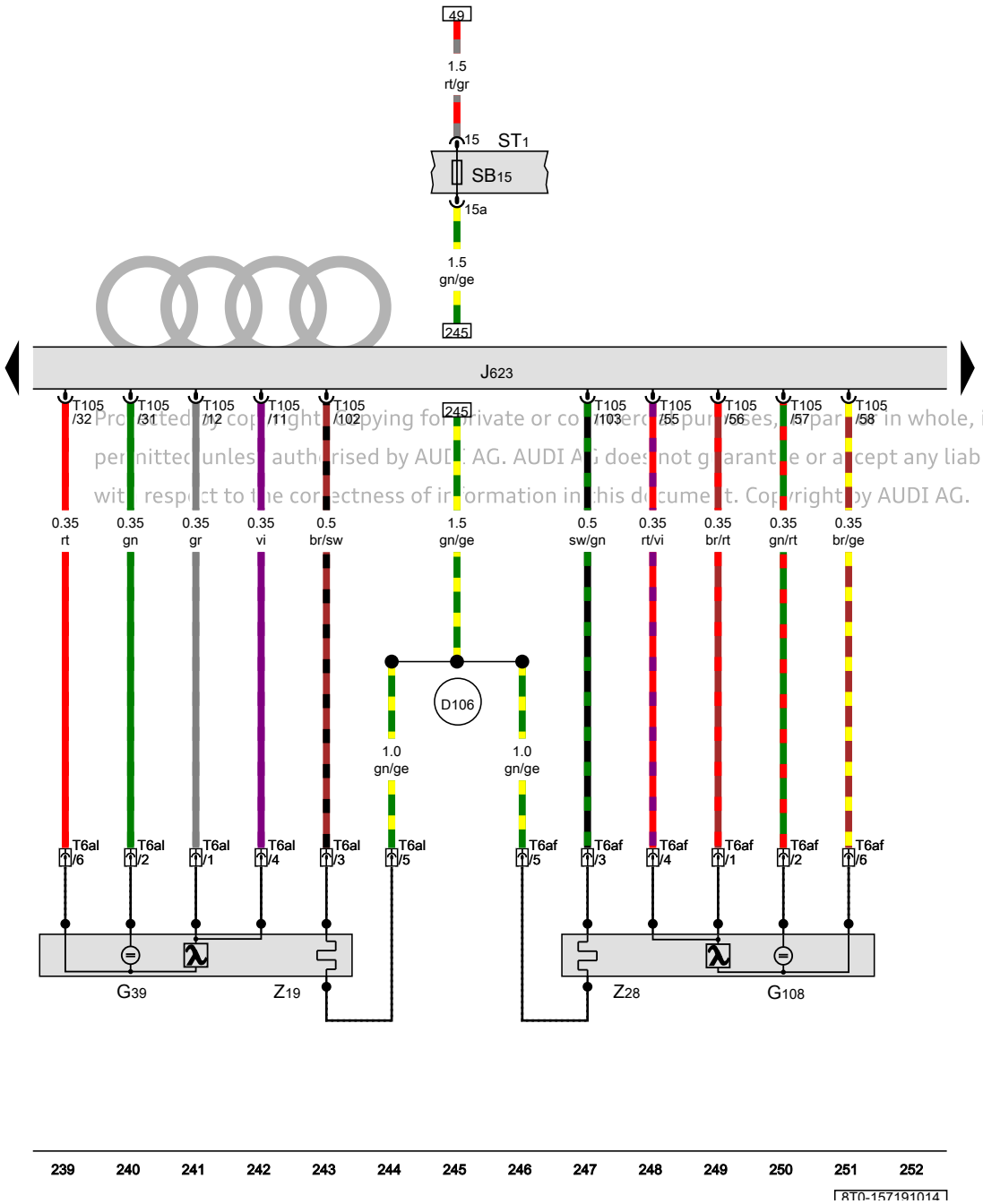


Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Injector 2, cylinder 5, Injector 2, cylinder 6

J623	Engine control unit
N532	Injector 2, cylinder 1
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
ST1	Fuse carrier 1
SB13	Fuse 13 on fuse holder B
T2el	2-pin connector
T2em	2-pin connector
T2en	2-pin connector
T2eo	2-pin connector
T2ep	2-pin connector
T2eq	2-pin connector
T6ca	6-pin connector, on engine
T10ak	10-pin connector, on engine
T91	91-pin connector
T105	105-pin connector
D140	Connection (injectors), in engine prewiring 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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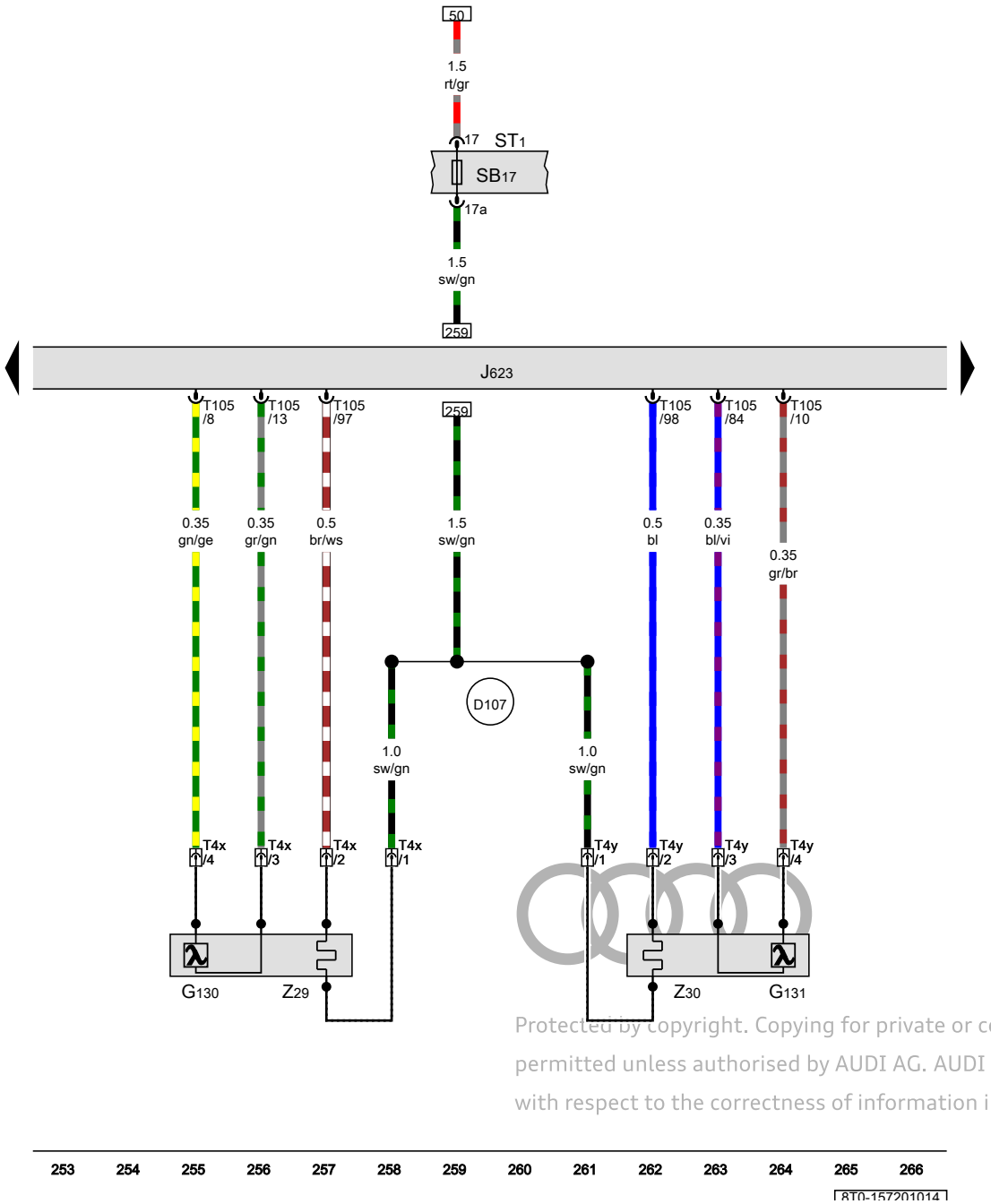


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Lambda probe, Lambda probe 2

G39	Lambda probe
G108	Lambda probe 2
J623	Engine control unit
ST1	Fuse carrier 1
SB15	Fuse 15 on fuse holder B
T6af	6-pin connector, black
T6al	6-pin connector, black
T105	105-pin connector
Z19	Lambda probe heater
Z28	Lambda probe heater 2
D106	Connection 4 in engine compartment wiring harness

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sw	=	black
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rt	=	red
br	=	brown
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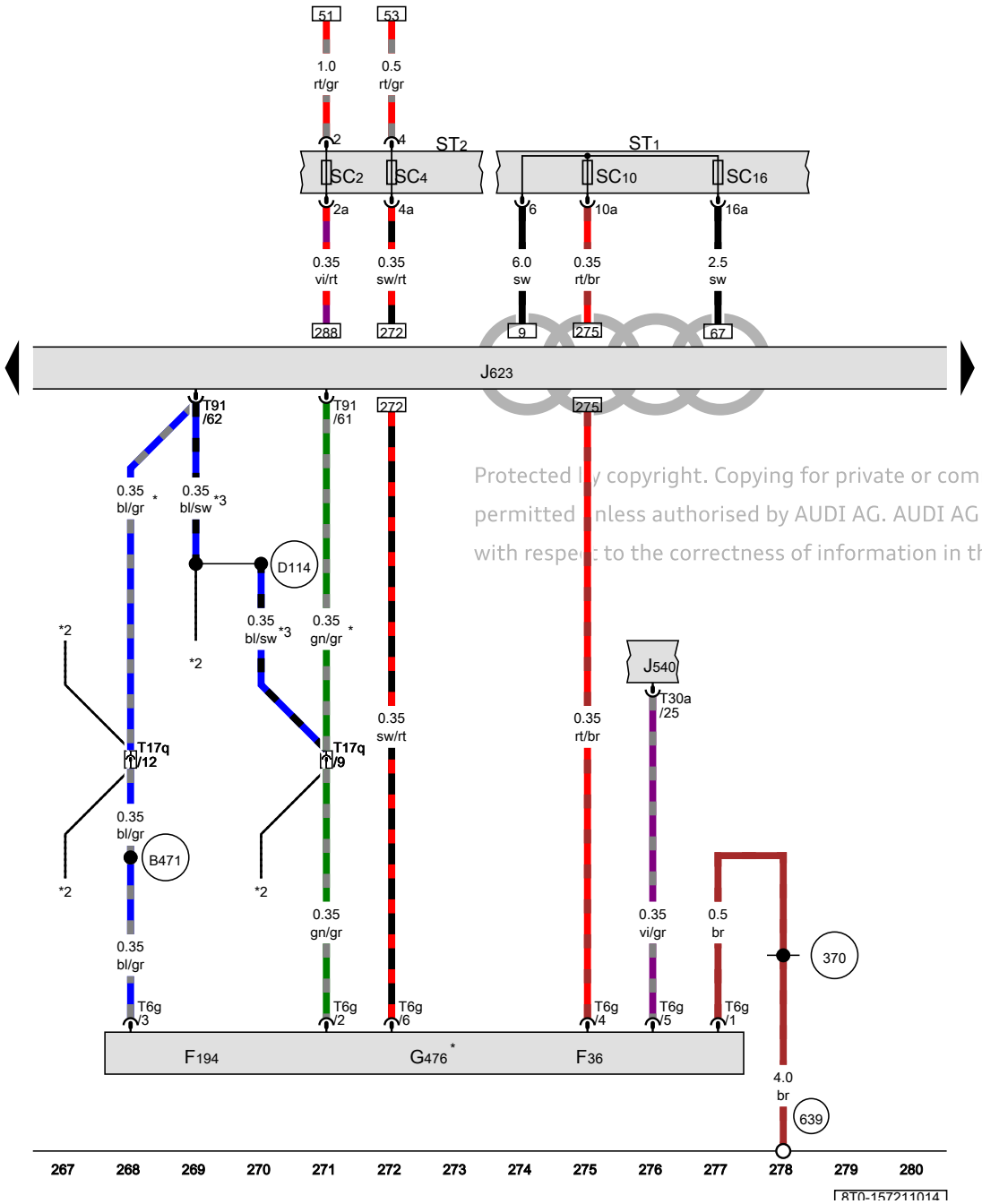


Lambda probe after catalytic converter, Lambda probe 2 after catalytic converter

G130	Lambda probe after catalytic converter
G131	Lambda probe 2 after catalytic converter
J623	Engine control unit
ST1	Fuse carrier 1
SB17	Fuse 17 on fuse holder B
T4x	4-pin connector, black
T4y	4-pin connector, brown
T105	105-pin connector
Z29	Lambda probe 1 heater after catalytic converter
Z30	Lambda probe 2 heater after catalytic converter
D107	Connection 5 in engine compartment wiring harness

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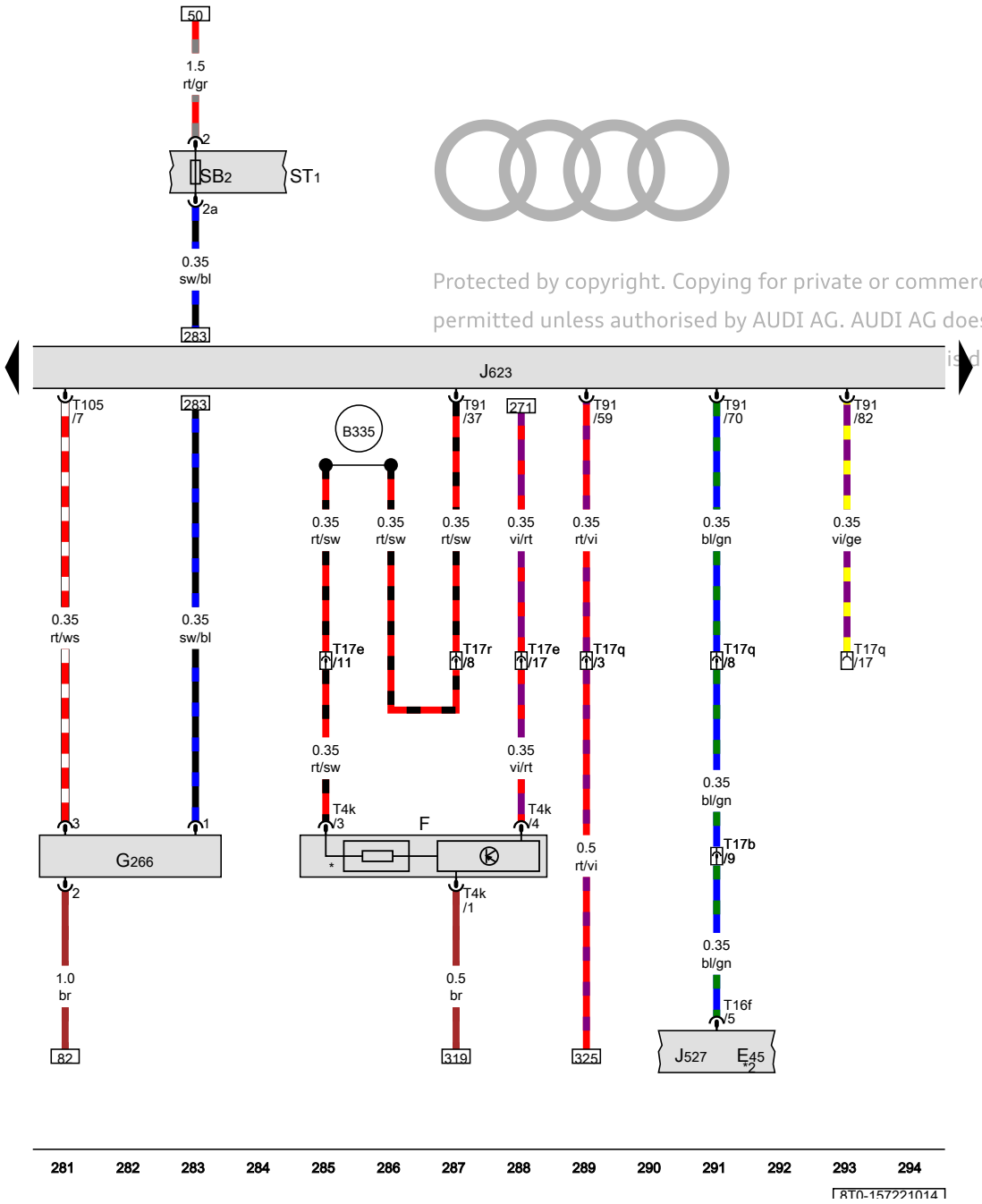


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Clutch position sender

F36	Clutch pedal switch
F194	Clutch pedal switch for engine start
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine control unit
ST1	Fuse carrier 1
ST2	Fuse carrier 2
SC2	Fuse 2 on fuse holder C
SC4	Fuse 4 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC16	Fuse 16 on fuse holder C
T6g	6-pin connector
T17q	17-pin connector, red
T30a	30-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
639	Earth point, left A-pillar
B471	Connection 7, in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with manual gearbox
*2	see applicable current flow diagram for automatic gearbox
*3	Only models with automatic gearbox

ws	=	white
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gn	=	green
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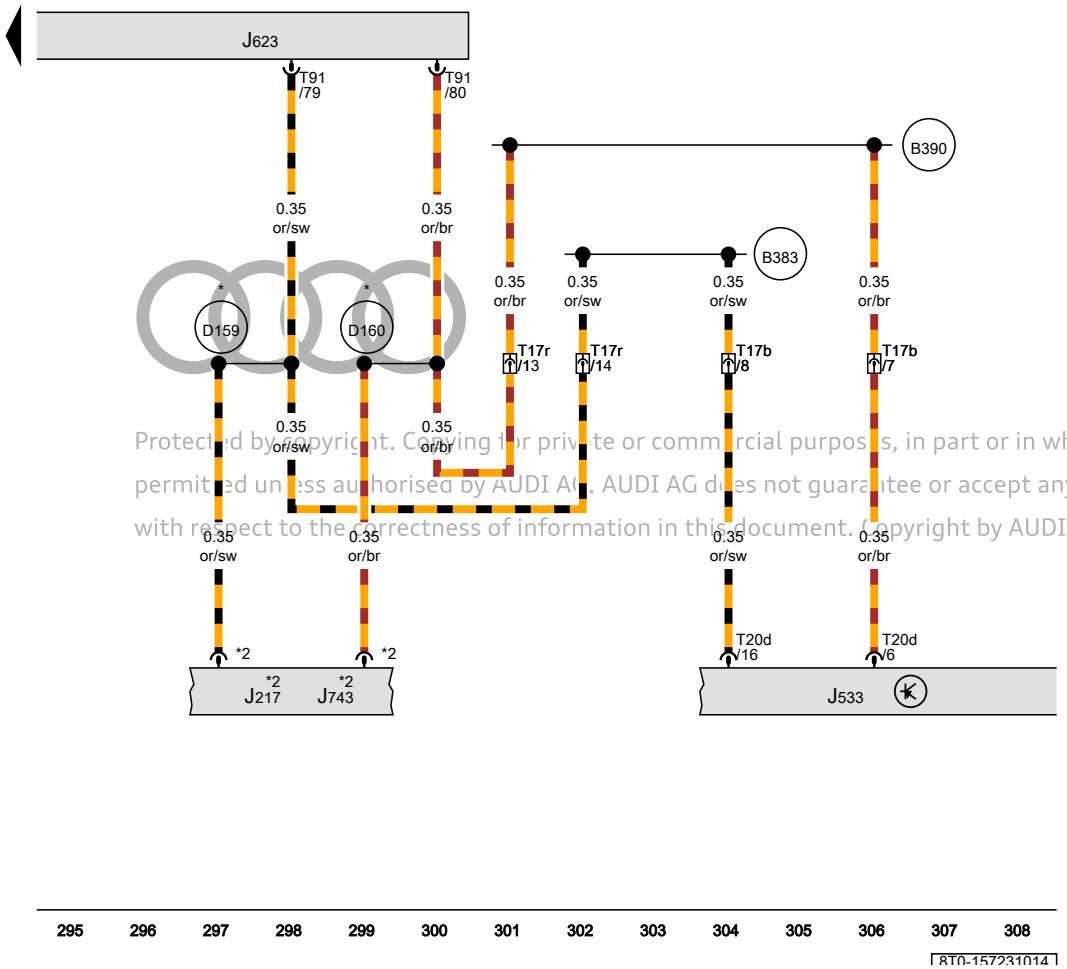


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Brake light switch, Oil level and oil temperature sender, Steering column electronics control unit

E45	Cruise control system switch
F	Brake light switch
G266	Oil level and oil temperature sender
J527	Steering column electronics control unit
J623	Engine control unit
ST1	Fuse carrier 1
SB2	Fuse 2 on fuse holder B
T4k	4-pin connector
T16f	16-pin connector
T17b	17-pin connector, blue
T17e	17-pin connector, red
T17q	17-pin connector, red
T17r	17-pin connector, white
T91	91-pin connector
T105	105-pin connector
B335	Connection 1 (54), in main wiring harness
*	Solenoid coil for brake light sensor
*2	Only models with cruise control system (CCS)

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rt	=	red
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gn	=	green
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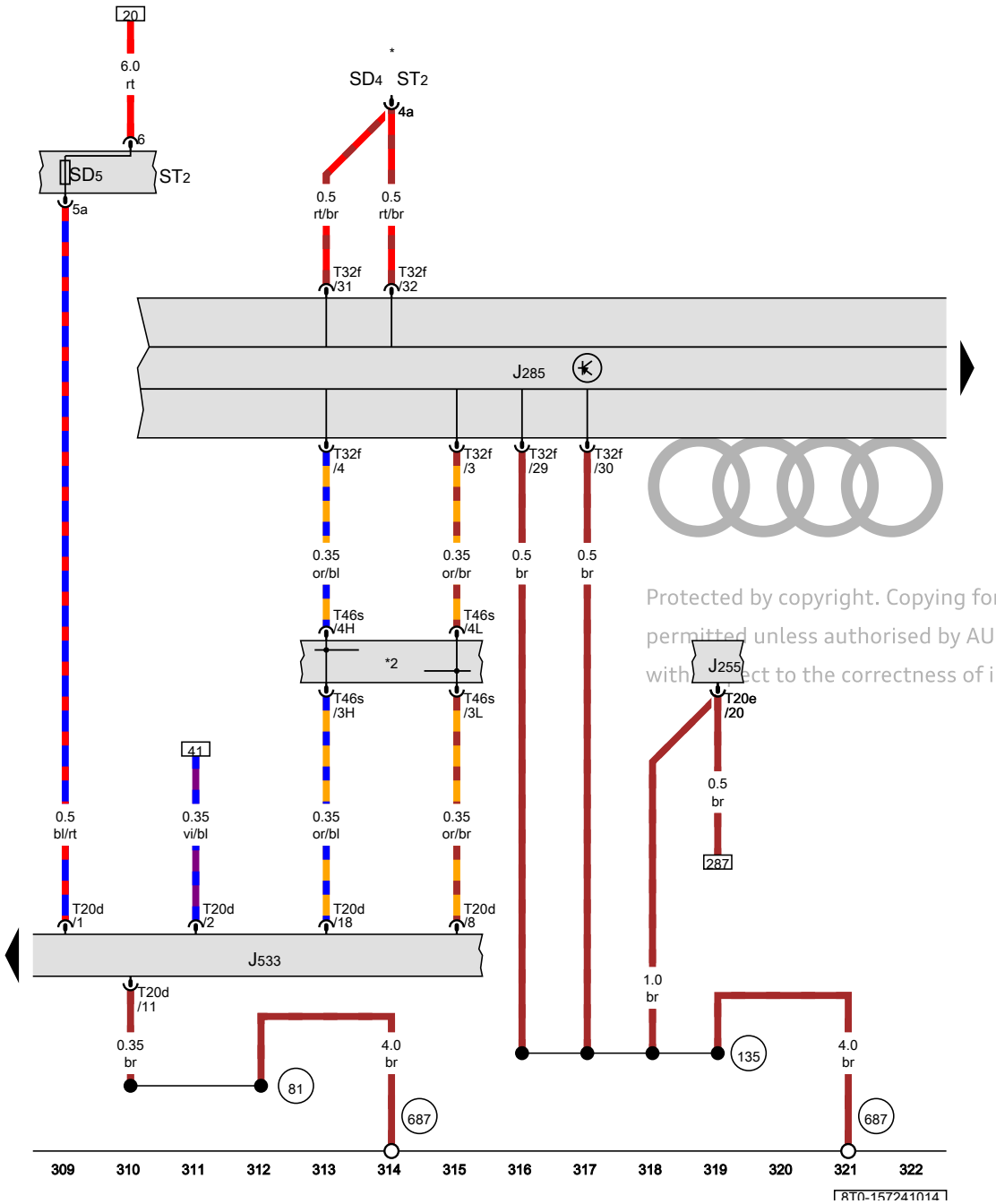


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Data bus diagnostic interface

J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T17b	17-pin connector, blue
T17r	17-pin connector, white
T20d	20-pin connector
T91	91-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D159	Connection (high bus), in engine compartment wiring harness
D160	Connection (low bus), in engine compartment wiring harness
*	Only models with automatic gearbox
*2	see applicable current flow diagram for automatic gearbox

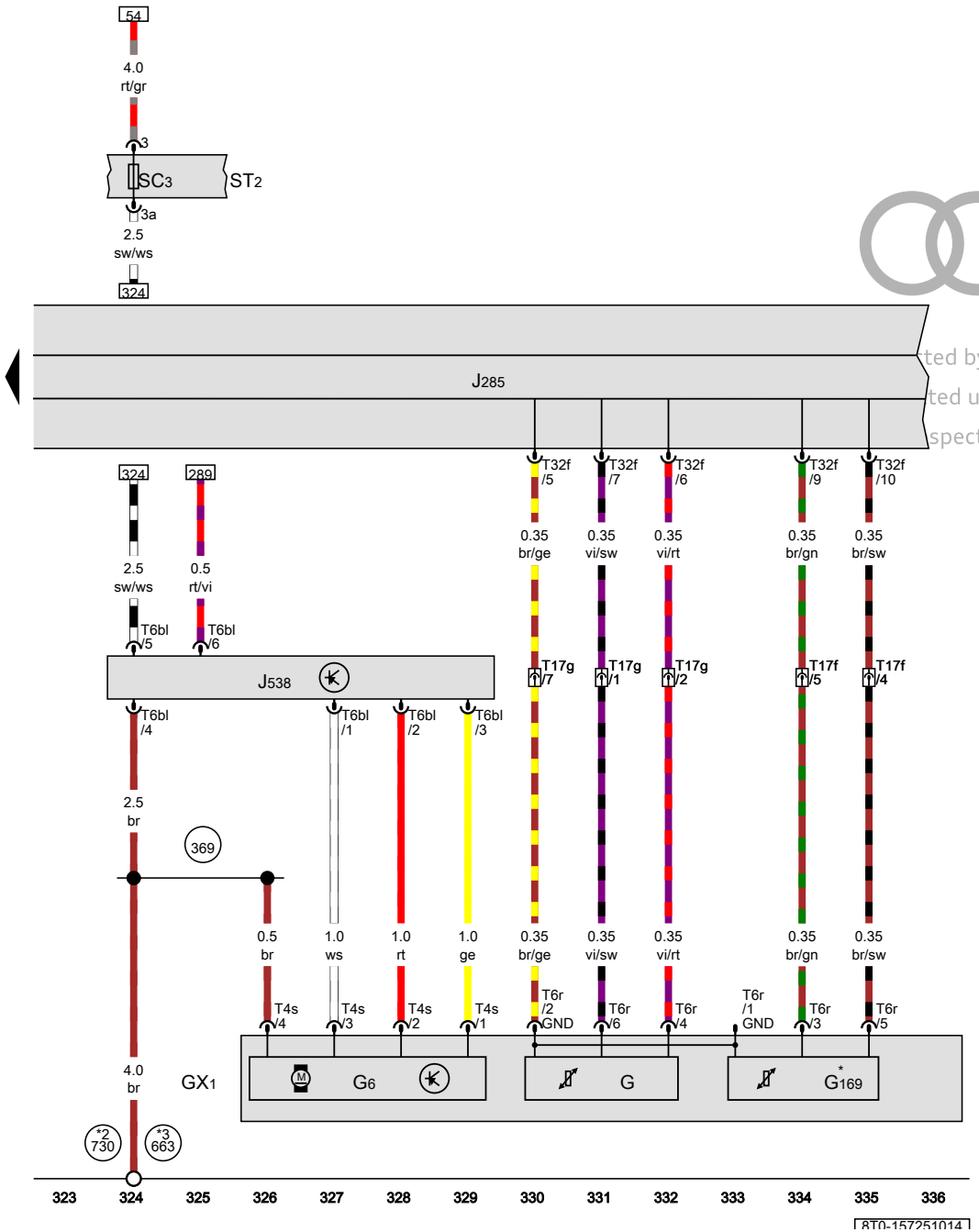


Control unit in dash panel insert, Data bus diagnostic interface

J255	Climatronic control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
ST2	Fuse carrier 2
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
T20d	20-pin connector
T20e	20-pin connector
T32f	32-pin connector
T46s	46-pin connector
81	Earth connection 1, in dash panel wiring harness
135	Earth connection 2, in dash panel wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for CAN separating connector

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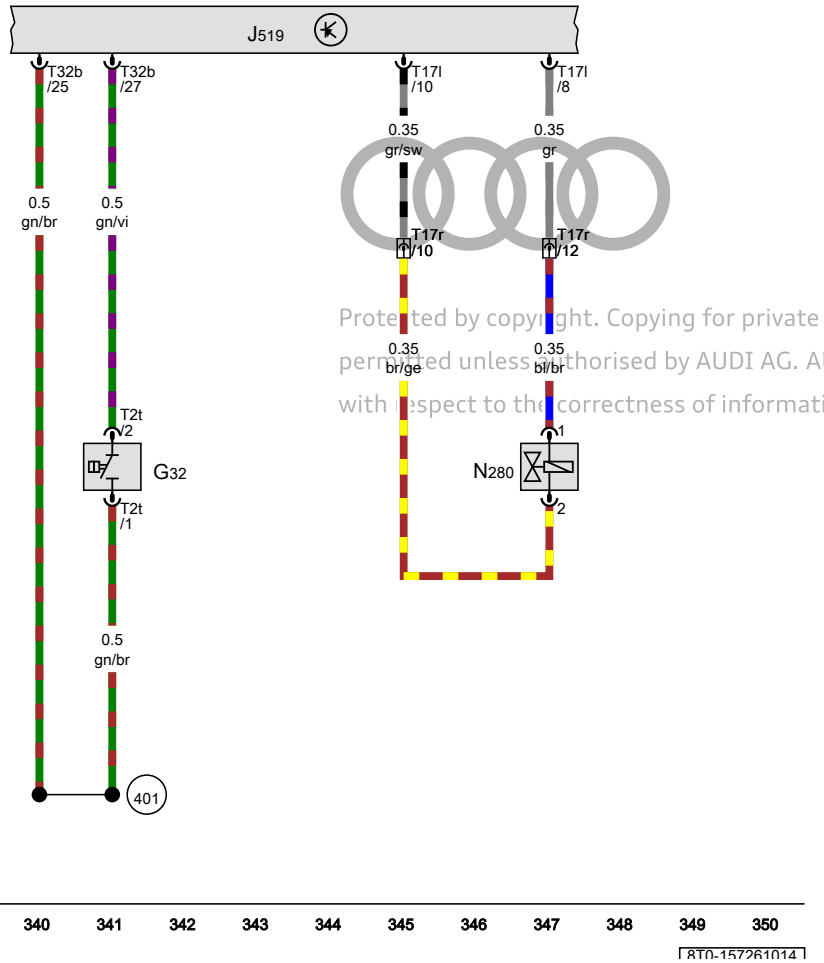
Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J538	Fuel pump control unit
ST2	Fuse carrier 2
SC3	Fuse 3 on fuse holder C
T4s	4-pin connector
T6bl	6-pin connector
T6r	6-pin connector
T17f	17-pin connector, brown
T17g	17-pin connector, black
T32f	32-pin connector
369	Earth connection 4, in main wiring harness
663	Earth point, rear right side panel
730	Earth point 1, on right rear wheel housing
*	Only models with all-wheel drive
*2	Only models with 5-doors
*3	Only models with 2-doors

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Coolant shortage indicator sender, Onboard supply control unit

G32	Coolant shortage indicator sender
J519	Onboard supply control unit
N280	Air conditioner compressor regulating valve
T2t	2-pin connector
T17l	17-pin connector
T17r	17-pin connector, white
T32b	32-pin connector
401	Earth connection (sender earth), in interior wiring harness



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1 Earth points

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1.1 Overview of earth points - coupe models (2-door)

Note:

Note Overview of earth points - sportback models (5-door) ⇒ *page 5*

685 - Earth point 1, on front of right longitudinal member
- ❑ Fitting location: ⇒ page 8
- ❑ Overview of sportback models (5-door): ⇒ Item 685 (page 5)

638 - Earth point, right A-pillar
- ❑ Fitting location: ⇒ page 10
- ❑ Overview of sportback models (5-door): ⇒ Item 638 (page 5)

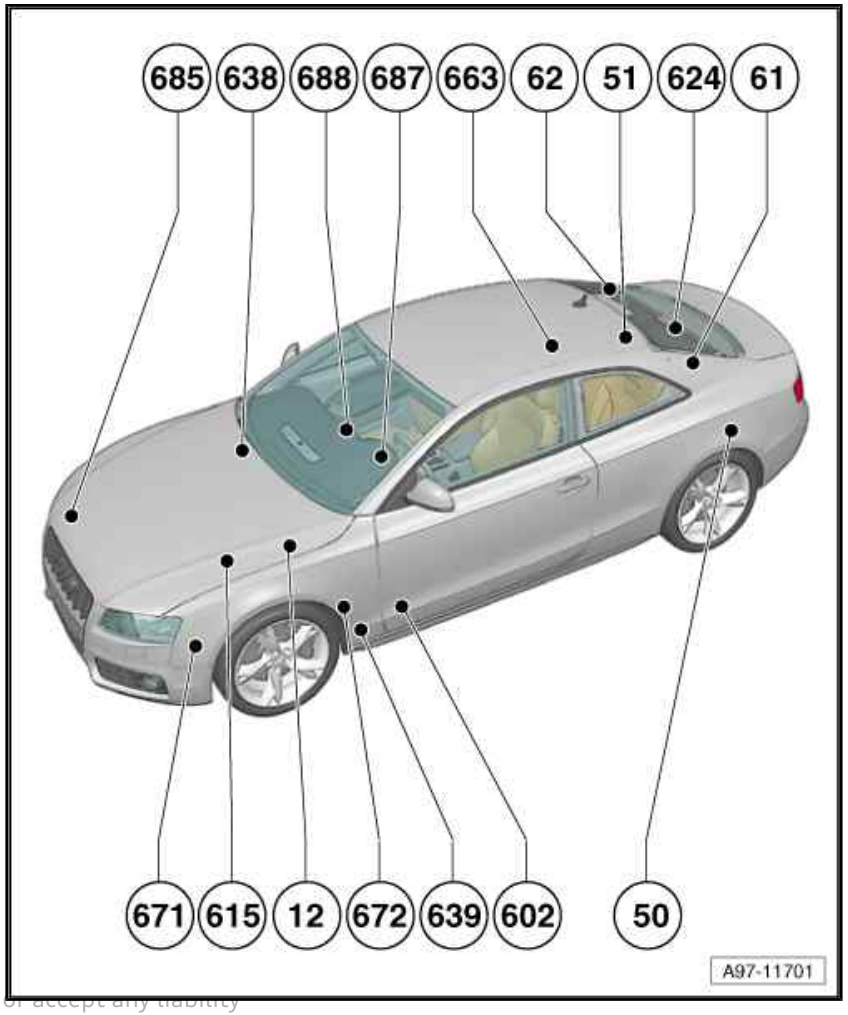
688 - Earth point 2, on centre tunnel
- ❑ Fitting location: ⇒ page 11
- ❑ Overview of sportback models (5-door): ⇒ Item 688 (page 5)

687 - Earth point 1, on centre tunnel
- ❑ Fitting location: ⇒ page 10
- ❑ Overview of sportback models (5-door): ⇒ Item 687 (page 5)

663 - Earth point, rear right side panel
- ❑ Fitting location: ⇒ page 11

62 - Earth point, right C-pillar
- ❑ Fitting location: ⇒ page 12
- ❑ Overview of sportback models (5-door): ⇒ Item 62 (page 5)

51 - Earth point, on right in luggage compartment
- ❑ Fitting location: ⇒ page 13
- ❑ Overview of sportback models (5-door) ⇒ Item 51 (page 5)



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624 - Earth point next to starter battery

- Fitting location: ⇒ page 14
- Overview of sportback models (5-door): ⇒ Item 624 (page 5)

61 - Earth point, left C-pillar

- Fitting location: ⇒ page 12
- Overview of sportback models (5-door): ⇒ Item 61 (page 5)

50 - Earth point, on left in luggage compartment

- Fitting location: ⇒ page 13
- Overview of sportback models (5-door): ⇒ Item 50 (page 6)

602 - Earth point in front left footwell

- Fitting location: ⇒ page 14
- Overview of sportback models (5-door): ⇒ Item 602 (page 6)

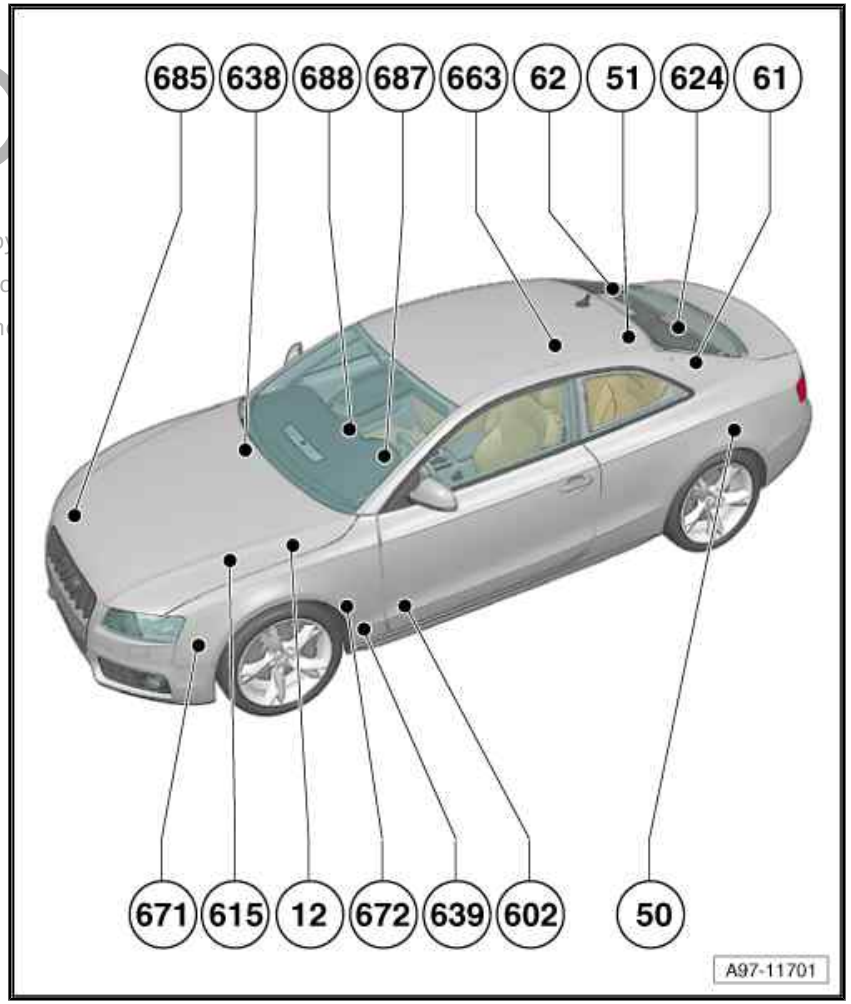
639 - Earth point, left A-pillar

- Fitting location: ⇒ page 9
- Overview of sportback models (5-door): ⇒ Item 639 (page 6)

672 - Earth point 2, on front of left longitudinal member

- Fitting location: ⇒ page 9
- Overview of sportback models (5-door): ⇒ Item 672 (page 6)

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12 - Earth point on left in engine compartment

- ❑ Fitting location: ⇒ page 8
- ❑ Overview of sportback models (5-door): ⇒ Item 12 (page 6)

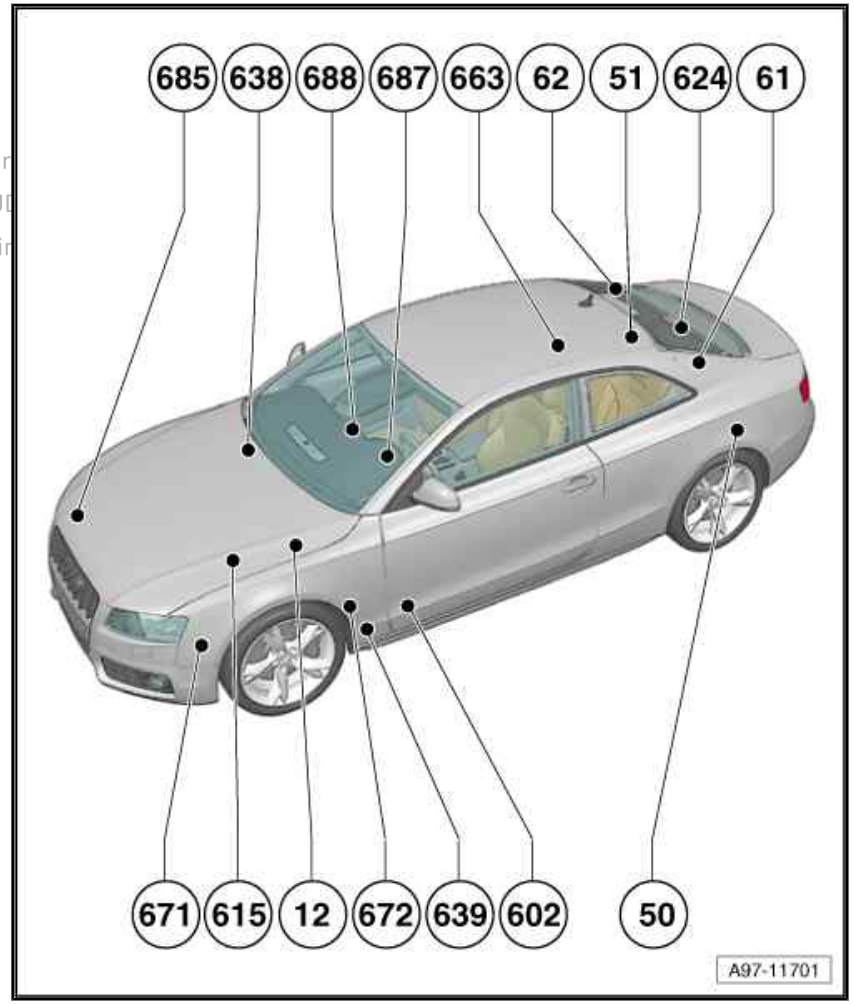
615 - Earth point, on left suspension strut

- ❑ Fitting location: ⇒ page 7
- ❑ Overview of sportback models (5-door): ⇒ Item 615 (page 6)

671 - Earth point 1, on front of left longitudinal member

- ❑ Fitting location: ⇒ page 7
- ❑ Overview of sportback models (5-door): ⇒ Item 671 (page 6)

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1.2 Overview of earth points - sportback models (5-door)

Note:

Overview of earth points - coupe models (2-door) ⇒ page 2

685 - Earth point 1, on front of right longitudinal member

- Fitting location: ⇒ page 8

638 - Earth point, right A-pillar

- Fitting location: ⇒ page 10

688 - Earth point 2, on centre tunnel

- Fitting location: ⇒ page 11

687 - Earth point 1, on centre tunnel

- Fitting location: ⇒ page 10

730 - Earth point 1, on right rear wheel housing

- Fitting location: ⇒ page 12

62 - Earth point, right C-pillar

- Fitting location: ⇒ page 12

51 - Earth point, on right in luggage compartment

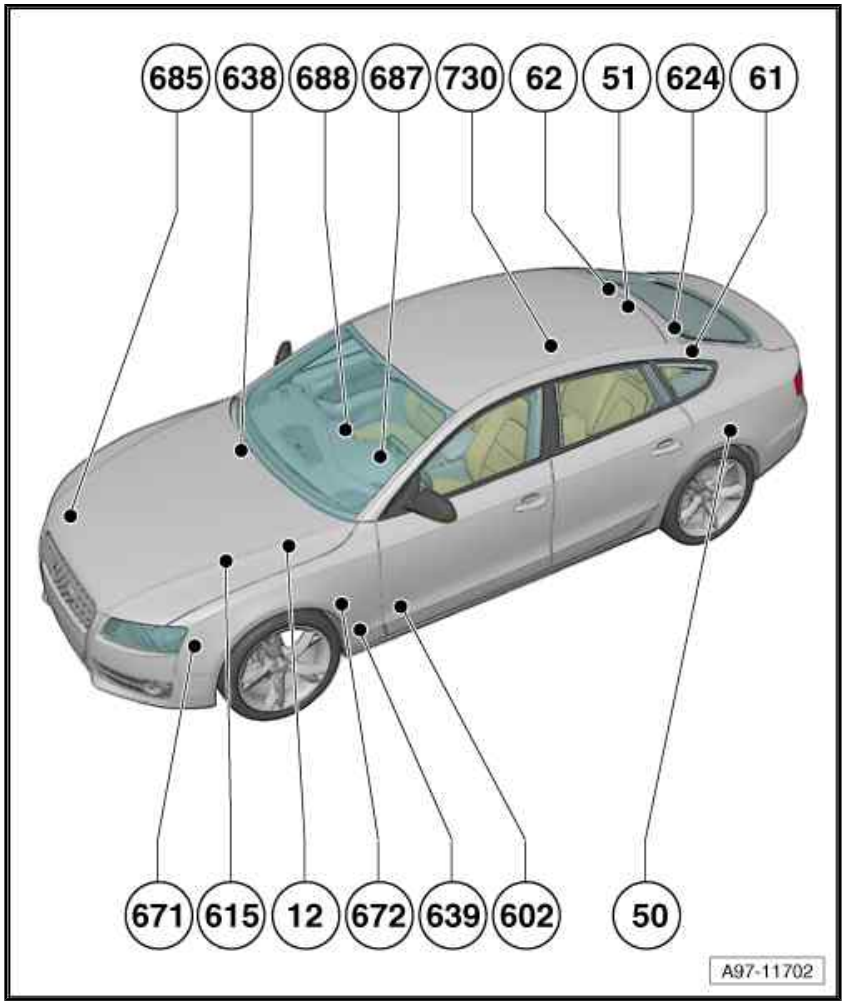
- Fitting location: ⇒ page 13

624 - Earth point next to starter battery

- Fitting location: ⇒ page 14

61 - Earth point, left C-pillar

- Fitting location: ⇒ page 12



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50 - Earth point, on left in luggage compartment

- ❑ Fitting location: ⇒ page 13

690 - Earth point, rear centre roof frame

- ❑ Location: below headliner, near roof antenna

602 - Earth point in front left footwell

- ❑ Fitting location: ⇒ page 14

639 - Earth point, left A-pillar

- ❑ Fitting location: ⇒ page 9

672 - Earth point 2, on front of left longitudinal member

- ❑ Fitting location: ⇒ page 9

12 - Earth point on left in engine compartment

- ❑ Fitting location: ⇒ page 8

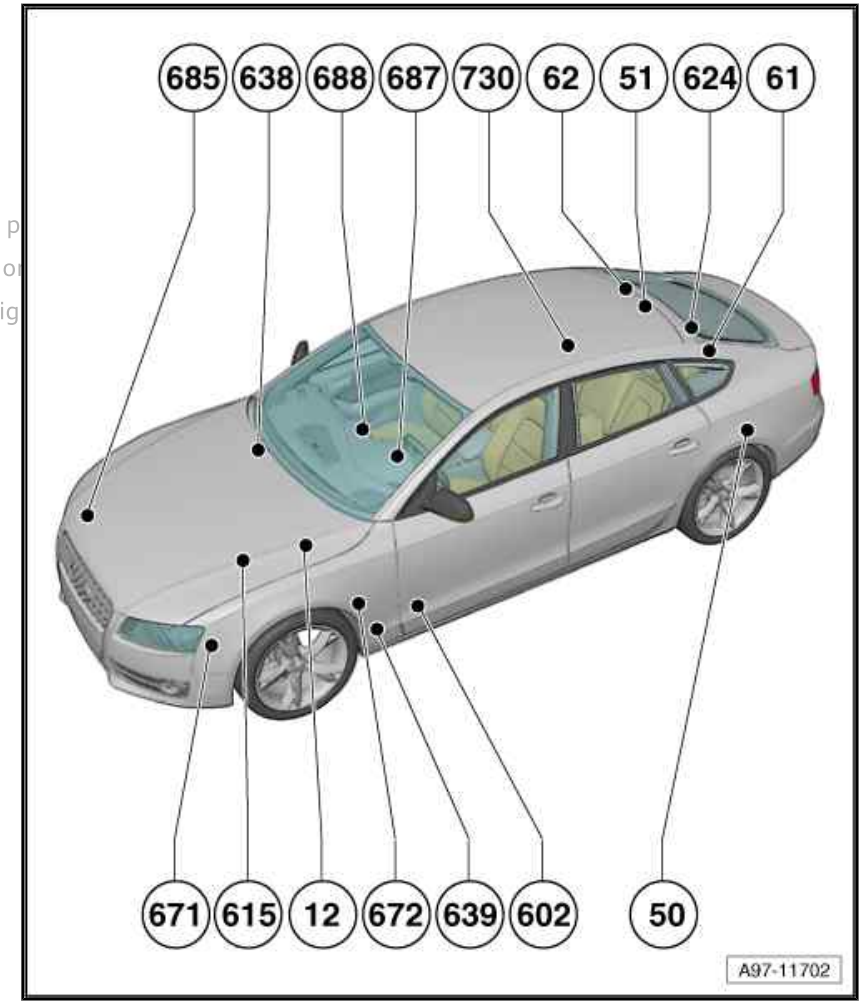
615 - Earth point, on left suspension strut

- ❑ Fitting location: ⇒ page 7

671 - Earth point 1, on front of left longitudinal member

- ❑ Fitting location: ⇒ page 7

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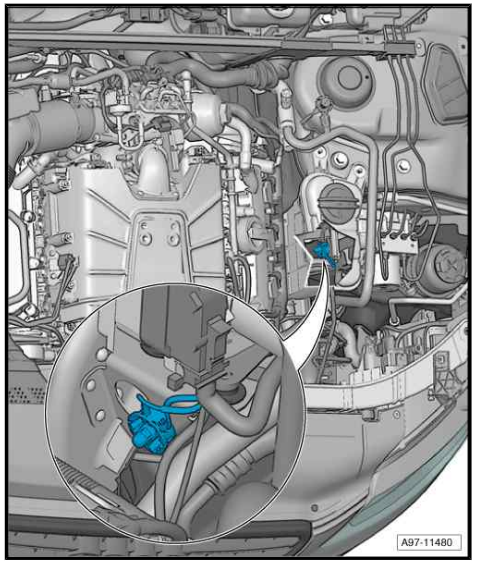
671 - Earth point 1, on front of left longitudinal member

Location:

on longitudinal member, near front left wheel housing

Torque:

9 Nm



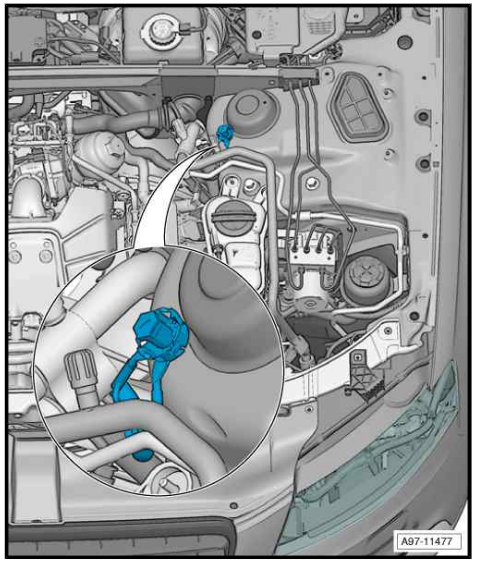
615 - Earth point, on left suspension strut

Location:

on the front left suspension strut chamber

Torque:

9 Nm



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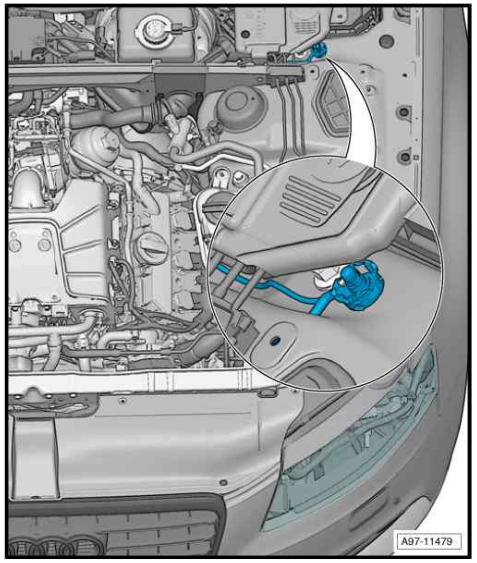
12 - Earth point on left in engine compartment

Location:

Between suspension strut chamber and front left plenum chamber

Torque:

9 Nm



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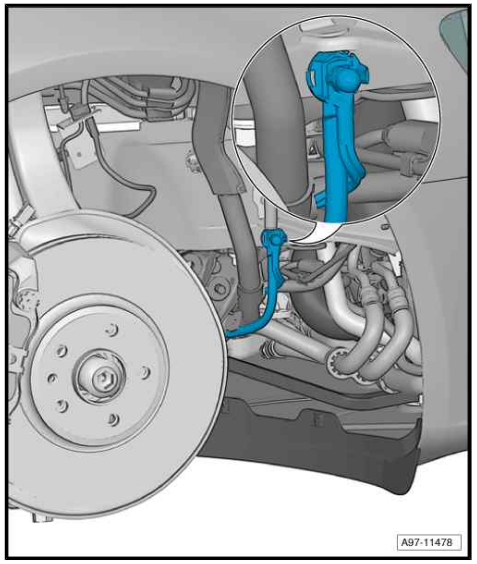
685 - Earth point 1, on front of right longitudinal member

Location:

on front of right longitudinal member, behind wheel housing

Torque:

20 Nm



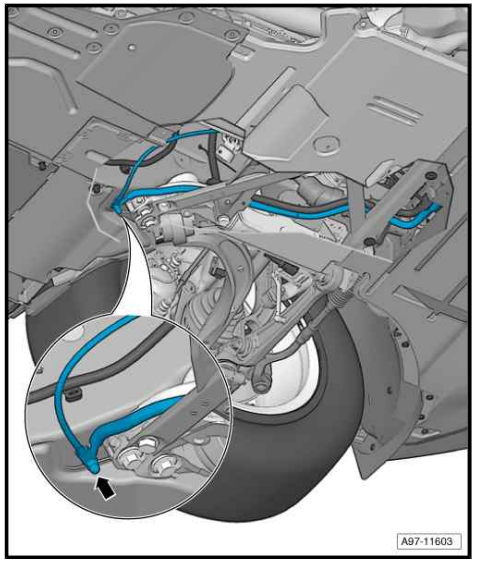
672 - Earth point 2 at front of left longitudinal member -arrow-

Location:

at bottom on front of left longitudinal member

Torque:

20 Nm



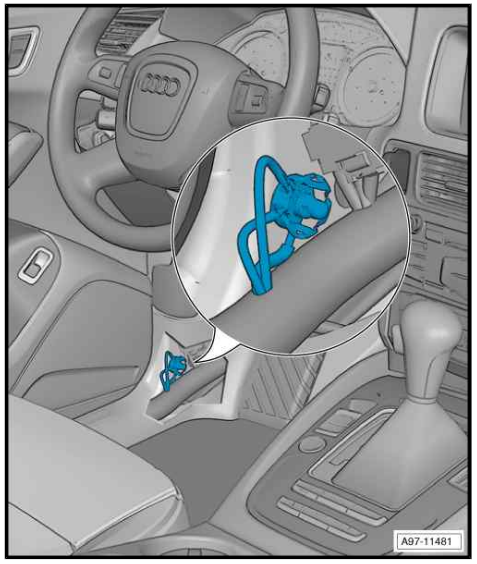
639 - Earth point, left A-pillar

Location:

behind lower left A-pillar trim

Torque:

9 Nm



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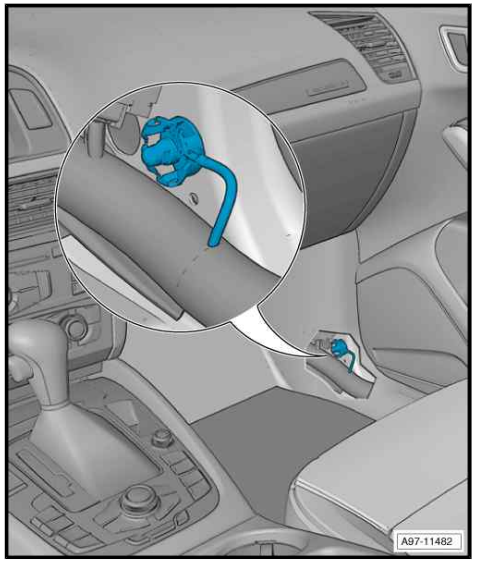
638 - Earth point, right A-pillar

Location:

behind lower right A-pillar trim

Torque:

9 Nm



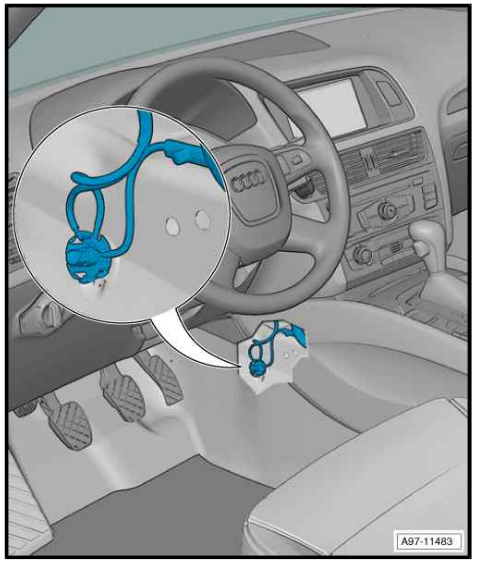
687 - Earth point 1, on centre tunnel

Location:

On the left side of the centre tunnel

Torque:

9 Nm



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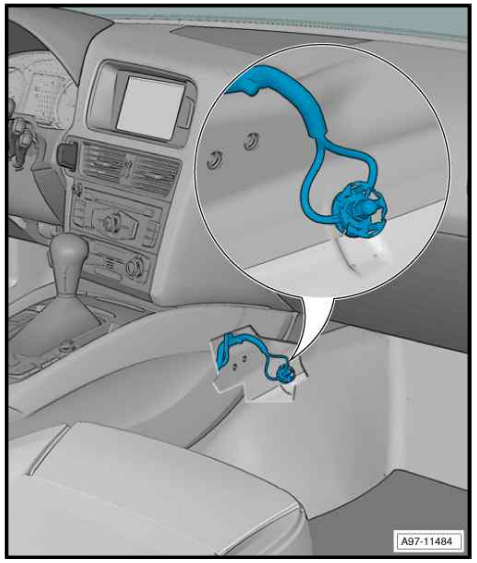
688 - Earth point 2, on centre tunnel

Location:

On the right side of the centre tunnel

Torque:

9 Nm



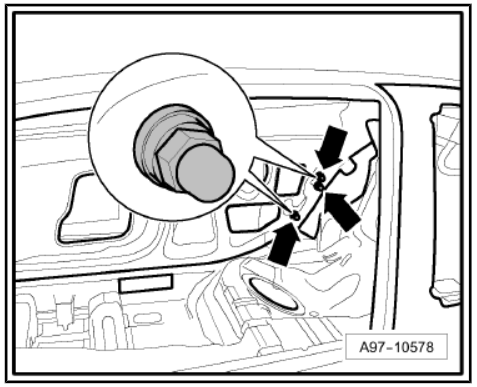
663 - Earth point, rear right side panel -arrow-

Location:

Under rear right side trim, near wheel housing

Torque:

9 Nm



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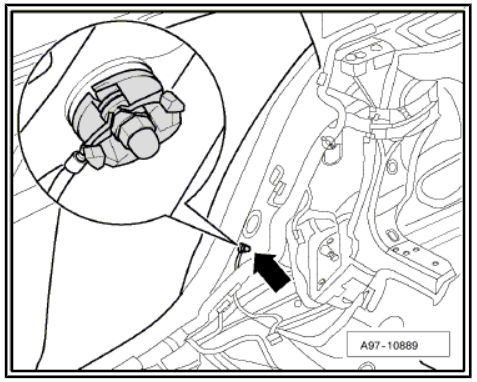
730 - Earth point 1, on right rear wheel housing -arrow-

Location:

near front of rear right wheel housing, under sill panel trim

Torque:

9 Nm



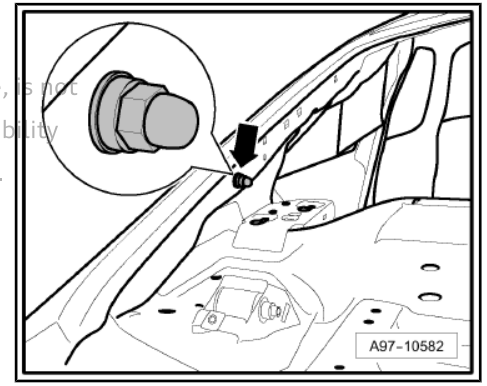
61 - Earth point, left C-pillar -arrow-

Location:

Under left C-pillar trim, near rear window

Torque:

9 Nm



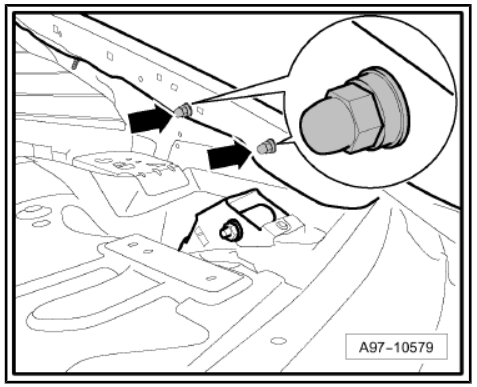
62 - Earth point, right C-pillar -upper arrow-

Location:

Under right C-pillar trim, near rear window

Torque:

9 Nm



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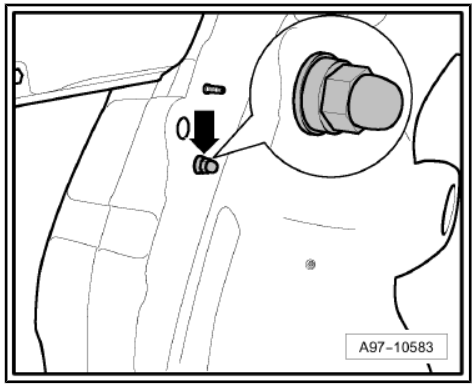
50 - Earth point, on left in luggage compartment -arrow-

Location:

Under side trim, left in luggage compartment, near wheel housing

Torque:

9 Nm



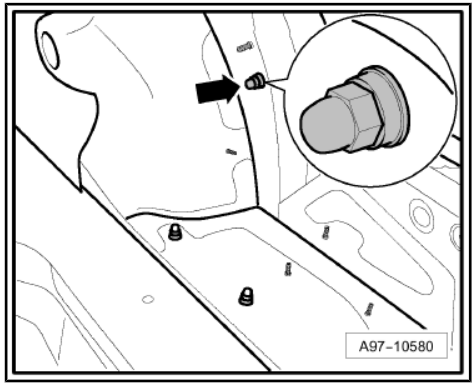
51 - Earth point, on right in luggage compartment -arrow-

Location:

Under side trim, right in luggage compartment, near wheel housing

Torque:

9 Nm



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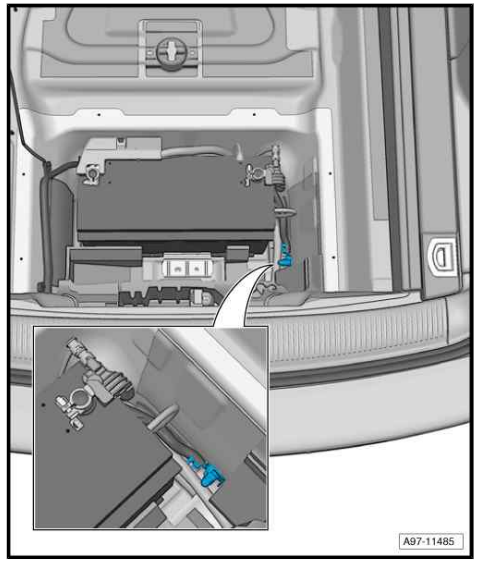
624 - Earth point next to starter battery

Location:

under the floor panel in the luggage compartment, right next to the starter battery

Torque:

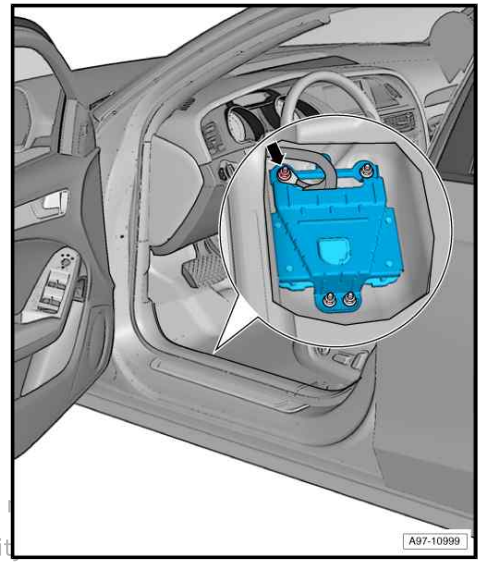
18 Nm



602 - Earth point, in front left footwell -arrow-

Location:

Under the carpet in the driver's footwell



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1 Fuses

1.1 Overview of fuses

Note

Overview also valid for sportback models (5-door)!

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1 -
Fuse holder A -SA-

- Fitting location: ⇒ page 4

2 - Fuse holder C -SC-

- Fitting location for left-hand drive models, up to and including model year 2009: ⇒ page 18
- Fitting location for right-hand drive models, up to and including model year 2009: ⇒ page 19
- Fitting location for left-hand drive models, from model year 2010: ⇒ page 23
- Fitting location for right-hand drive models, from model year 2010: ⇒ page 24
- Location for left-hand drive models only, from August 2011: ⇒ page 28
- Location for right-hand drive models only, from August 2011: ⇒ page 29

3 - Relay/fuse holder with onboard supply control unit -J519-

- Fitting location for left-hand drive models: ⇒ page 63
- Fitting location for right-hand drive models: ⇒ page 64

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4 -
6-pin coupling station of A-pillar driver side

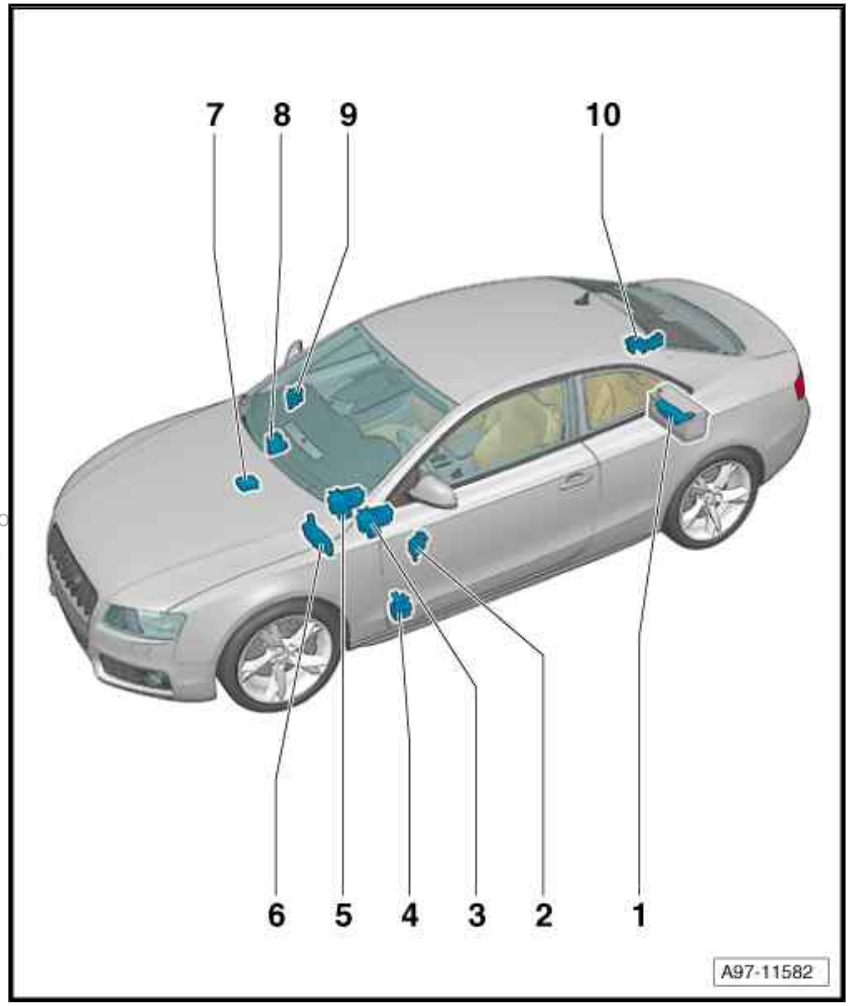
- Fitting location for left-hand drive models: ⇒ page 57
- Fitting location for right-hand drive models: ⇒ page 58

5 -
3-pin relay/fuse holder

- Fitting location for left-hand drive models: ⇒ page 54
- Fitting location for right-hand drive models: ⇒ page 55

6 -
Relay/ fuse holder B -SB-

- Location for left-hand drive models only, up to July 2011: ⇒ page 5
- Location for right-hand drive models only, up to July 2011: ⇒ page 6
- Location for left-hand drive models only, from August 2011: ⇒ page 12
- Location for right-hand drive models only, from August 2011: ⇒ page 13



7 -
Terminal 30 wiring junction 2 -TV22- with jump start socket -U6-

- ❑ Location for models up to July 2011: ⇒ page 51
- ❑ Location for models from August 2011: ⇒ page 53

8 -
6-pin coupling station on A-pillar, passenger side

- ❑ Fitting location for left-hand drive models: ⇒ page 60
- ❑ Fitting location for right-hand drive models: ⇒ page 61

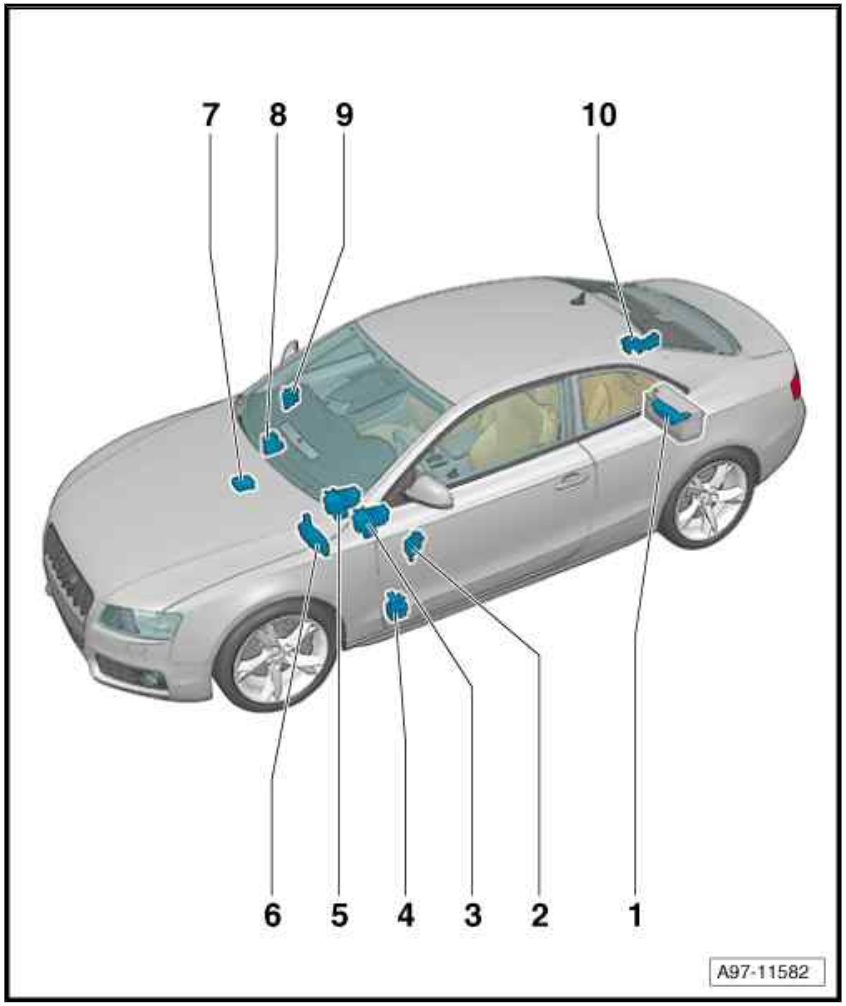
9 - Fuse holder D -SD-

- ❑ Fitting location for left-hand drive models: ⇒ page 33
- ❑ Fitting location for right-hand drive models: ⇒ page 35

10 -
Relay/ fuse holder F -SF-

- ❑ Location for models up to and including model year 2009: ⇒ page 37
- ❑ Location for models from model year 2010: ⇒ page 42
- ❑ Location for models from August 2011: ⇒ page 46

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1.2 Fuse holder A -SA-

Fitting location:

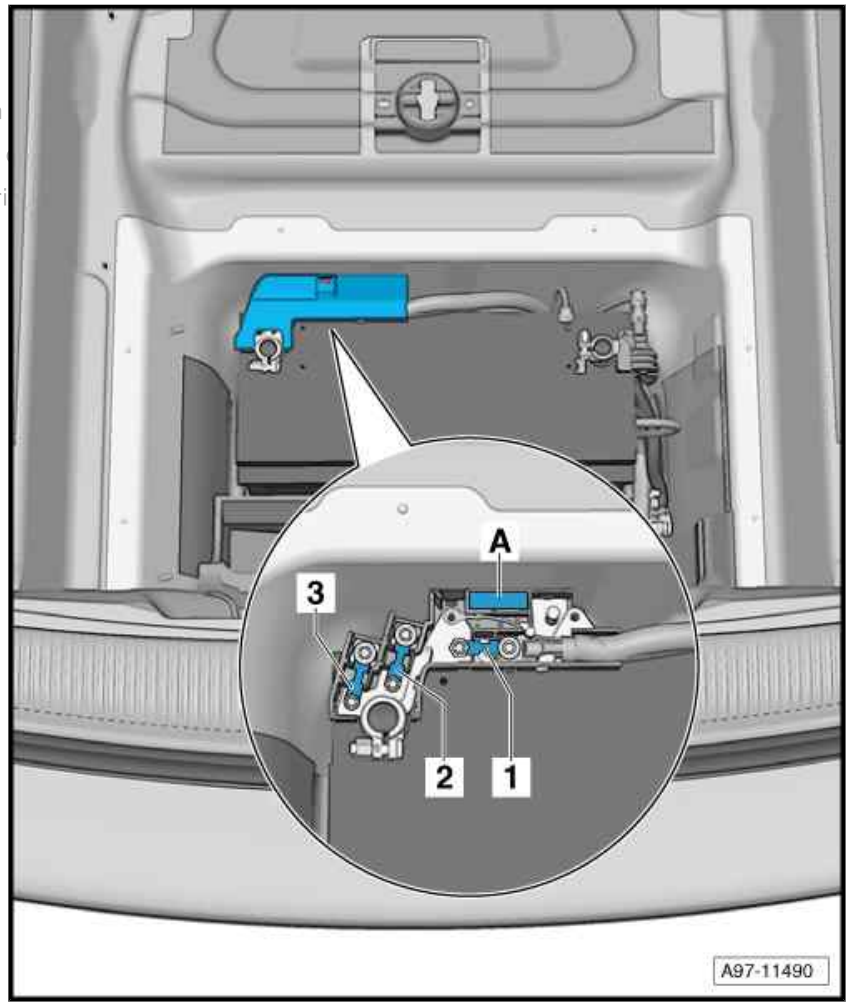
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A - Battery isolation igniter -N253-

1 - Fuse 1 on fuse holder A -SA1- , ⇒ page 4

2 - Fuse 2 on fuse holder A -SA2- , ⇒ page 4

3 - Fuse 3 on fuse holder A -SA3- , ⇒ page 4



1.2.1 Fuses on fuse holder A -SA-

1) For left-hand drive models only

2) For right-hand drive models only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder A -SA1-	110 A	-	Supply for onboard supply Engine component supply Relay for reducing agent metering system -J963-	30
2	-	Fuse 2 on fuse holder A -SA2-	110 A	-	Supply for onboard supply Engine component supply ABS control unit fuse 1 -S123- 1)	30
3	-	Fuse 3 on fuse holder A -SA3-	40 A 50 A 110 A 80 A 2)	-	Option driving school vehicle Option rental car Option council vehicles ABS control unit fuse 1 -S123- 2) ABS control unit fuse 2 -S124- 2) ABS control unit fuse 3 -S137- 2)	30

1.3 Relay/ fuse holder B -SB- up to July 2011

Location, relay/ fuse holder B -SB- for right-hand drive models, up to model year 2011:

In electronics box in plenum chamber, driver side.

3) For models with 4-cylinder diesel engine only

4) For models with 6-cylinder diesel engine only

5) For models with 6-cylinder petrol engine only

6) For models with 8-cylinder petrol engine only (not for RS 5)

7) For models with 8-cylinder petrol engine only (for RS 5 only)

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Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 6 .*
- *-SB14- to -SB17- in -ST1- for RS5 only.*

K - Engine glow plug strip fuse -S39- [3], 60 A

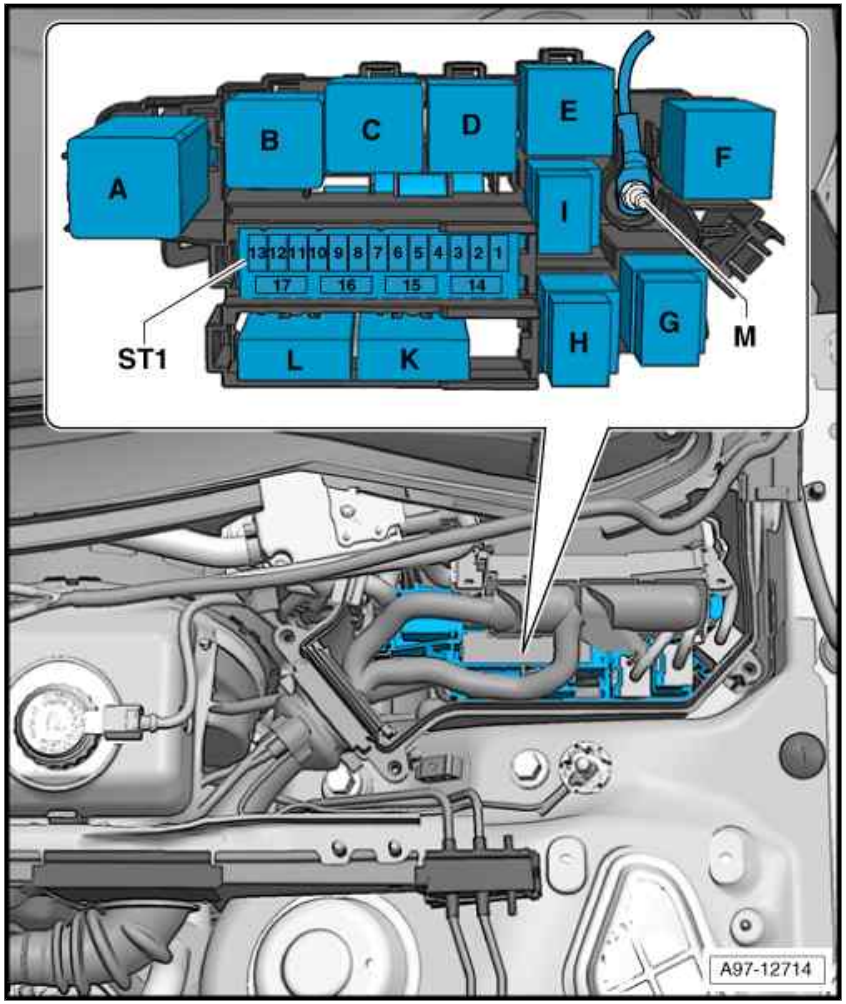
K - Engine glow plug strip fuse -S39- [4], 80 A

K - Secondary air pump fuse -S130- [5], [7], 50 A

L - Brake vacuum pump fuse -S283- [6], 15 A

L - Secondary air pump fuse 2 -S284- [7], 50 A

ST1 - Fuse carrier 1, fuses ⇒ page 8



Location, relay/ fuse holder B -SB- for right-hand drive models, up to July 2011:

In electronics box in plenum chamber, driver side.

8) For models with 4-cylinder diesel engine only

9) For models with 6-cylinder diesel engine only

10) For models with 6-cylinder petrol engine only

11) For models with 8-cylinder petrol engine only (not for RS 5)

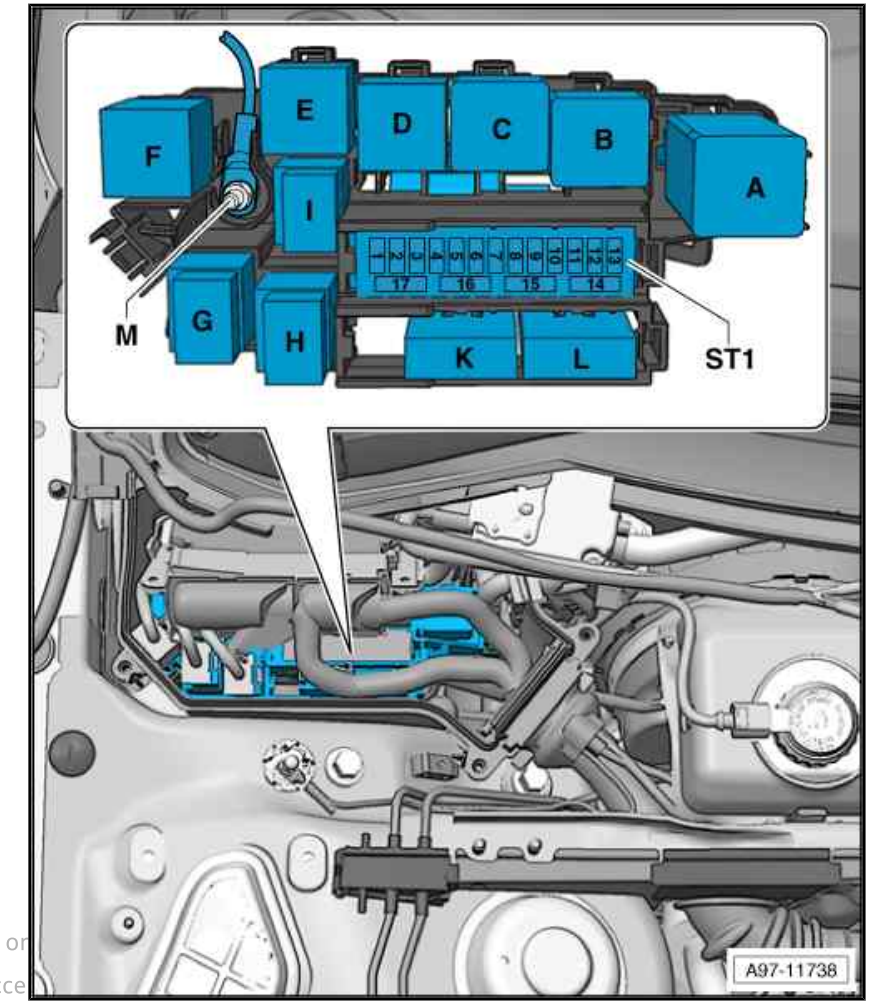
12) For models with 8-cylinder petrol engine only (for RS 5 only)

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Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 5*
- *-SB14- to -SB17- in -ST1- for RS5 only.*

K - Engine glow plug strip fuse -S39- [8], 60 A
K - Engine glow plug strip fuse -S39- [9], 80 A
K - Secondary air pump fuse -S130- [10], [12], 50 A
L - Brake vacuum pump fuse -S283- [11], 15 A
L - Secondary air pump fuse 2 -S284- [12], 50 A
ST1 - Fuse carrier 1, fuses ⇒ page 8



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1.3.1 Fuses in fuse carrier ST1 on fuse holder B -SB- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

13) For models with 4-cylinder petrol engine (1.8 l TFSI) only

14) For models with 4-cylinder petrol engine (2.0 l TFSI) only

15) For models with 6-cylinder petrol engine (3.2 l FSI) only

16) For models with 6-cylinder petrol engine (3.0 l TFSI) only

17) For models with 4-cylinder diesel engine (2.0 l TDI) only

18) For models with 4-cylinder diesel engine (2.0 l TDI - EU3) only

19) For models with 4-cylinder diesel engine (2.0 l TDI - gen. 2)

20) For models with 6-cylinder diesel engine only

21) For models with 8-cylinder petrol engine only (not for RS 5)

22) For models with 8-cylinder petrol engine only (for RS 5 only)

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	15 A	-	Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	30
2	-	Fuse 2 on fuse holder B -SB2-	5 A 10 A 22)	-	Oil level and oil temperature sender -G266- Fuel metering valve -N290- 22) Fuel metering valve 2 -N402- 22)	87
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Engine control unit -J623- Air mass meter -G70-	15
4		Fuse 4 on fuse holder B -SB4-	5 A	-	Engine control unit -J623-	30

5	Fuse 5 on fuse holder B -SB5-	10 A [14], 15 A [15] 15 A [16], 15 A [17], 15 A [18] 15 A [19] 15 A [20], 15 A [21] 15 A [22] 20 A [13],	-	Map-controlled engine cooling system thermostat -F265- Air mass meter -G70- Automatic glow period control unit -J179- Secondary air pump relay -J299- Throttle valve module -J338- Low heat output relay -J359- High heat output relay -J360- Secondary air pump 2 relay -J545- Charge pressure control solenoid valve -N75- Heater element for crankcase breather -N79- Activated charcoal filter solenoid valve 1 -N80- Secondary air inlet valve -N112- Left solenoid valve for electrohydraulic engine mounting -N144- Right solenoid valve for electrohydraulic engine mounting -N145- Variable intake manifold changeover valve -N156- Air filter bypass flap valve -N275- Fuel pressure regulating valve -N276- Fuel metering valve -N290- Intake manifold flap valve -N316- Secondary air inlet valve 2 -N320- Valve for exhaust flap 1 -N321- Variable intake manifold changeover valve -N335- Exhaust gas recirculation cooler changeover valve -N345- Fuel metering valve 2 -N402- Oil pressure control valve -N428- Coolant circulation pump -V50- Fuel system diagnostic pump -V144-	87
6	Fuse 6 on fuse holder B -SB6-	15 A	-	Engine control unit -J623-	87

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7		Fuse 7 on fuse holder B -SB7-	10 A 13), 10 A 16), 10 A 17), 10 A 18) 10 A 19) 10 A 20), 10 A 21) 15 A 14), 15 A 15) 15 A 22)	-	Map-controlled engine cooling system thermostat -F265- 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- Actuator 9 for camshaft adjustment -F374- Actuator 10 for camshaft adjustment -F375- Actuator 11 for camshaft adjustment -F376- Actuator 12 for camshaft adjustment -F377- Continued coolant circulation relay -J151- Auxiliary engine coolant pump relay -J496- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Left solenoid valve for electrohydraulic engine mounting -N144- Camshaft control valve 1 -N205- Solenoid valve series resistance for automatic gearbox -N207- Camshaft control valve 2 -N208- Turbocharger air recirculation valve -N249- Fuel pressure regulating valve -N276- Fuel metering valve -N290- Intake manifold flap valve -N316- Exhaust camshaft control valve 1 -N318- Exhaust camshaft control valve 2 -N319- Climatronic coolant shut-off valve -N422- Oil pressure control valve -N428- Fuel system diagnostic pump -V144- Driver side window regulator motor -V147- Variable intake manifold motor -V183-	87
8		Fuse 8 on fuse holder B -SB8-	5 A 19) 10 A 17), 10 A 18) 10 A 20), 15 A 22) 20 A 13), 20 A 14), 20 A 15) 20 A 16), 30 A 21)	-	Brake servo relay -J569- 22) 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- Climatronic coolant shut-off valve -N422- Pump for exhaust gas recirculation cooler -V400-	87

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9		Fuse 9 on fuse holder B -SB9-	5 A [19)] 15 A [15)] 15 A [16),] 15 A [22)] 20 A [17),] 20 A [18)] 20 A [20),]	-	Relay for supplementary fuel pump -J832- Lambda probe 1 heater after catalytic converter -Z29- Lambda probe 2 heater after catalytic converter -Z30-	87
10		Fuse 10 on fuse holder B -SB10-	10 A [19)] 15 A [13),] 15 A [14),] 15 A [15)] 15 A[16),] 15 A [17),] 15 A [20),] 15 A [22)]	-	Lambda probe heater -Z19- Lambda probe heater 2 -Z28- Lambda probe 1 heater after catalytic converter -Z29-	87
11		Fuse 11 on fuse holder B -SB11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671-	87
12		Fuse 12 on fuse holder B -SB12-	5 A	-	Air mass meter -G70- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	15
13		Fuse 13 on fuse holder B -SB13- [22)]	5 A [22)]	-	Oil level and oil temperature sender -G266- [22)]	15
14		Fuse 14 on fuse holder B -SB14- [22)]	30 A [22)]	-	Ignition coil 1 with output stage -N70- [22)] Ignition coil 2 with output stage -N127- [22)] Ignition coil 3 with output stage -N291- [22)] Ignition coil 4 with output stage -N292- [22)] Ignition coil 5 with output stage -N323- [22)] Ignition coil 6 with output stage -N324- [22)] Ignition coil 7 with output stage -N325- [22)] Ignition coil 8 with output stage -N326- [22)]	87
15		Fuse 15 on fuse holder B -SB15- [22)]		-	Not assigned	
16		Fuse 16 on fuse holder B -SB16- [22)]		-	Not assigned	
17		Fuse 17 on fuse holder B -SB17- [22)]		-	Not assigned	

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1.4 Relay/ fuse holder B -SB- from August 2011

Location, relay/ fuse holder B -SB- for left-hand drive models, from August 2011:

In electronics box in plenum chamber, driver side.

23) For models with 4-cylinder diesel engine only

24) For models with 6-cylinder diesel engine only

25) For models with 6-cylinder petrol engine only

26) For models with 8-cylinder petrol engine only (for RS 5 only)

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 13 .*

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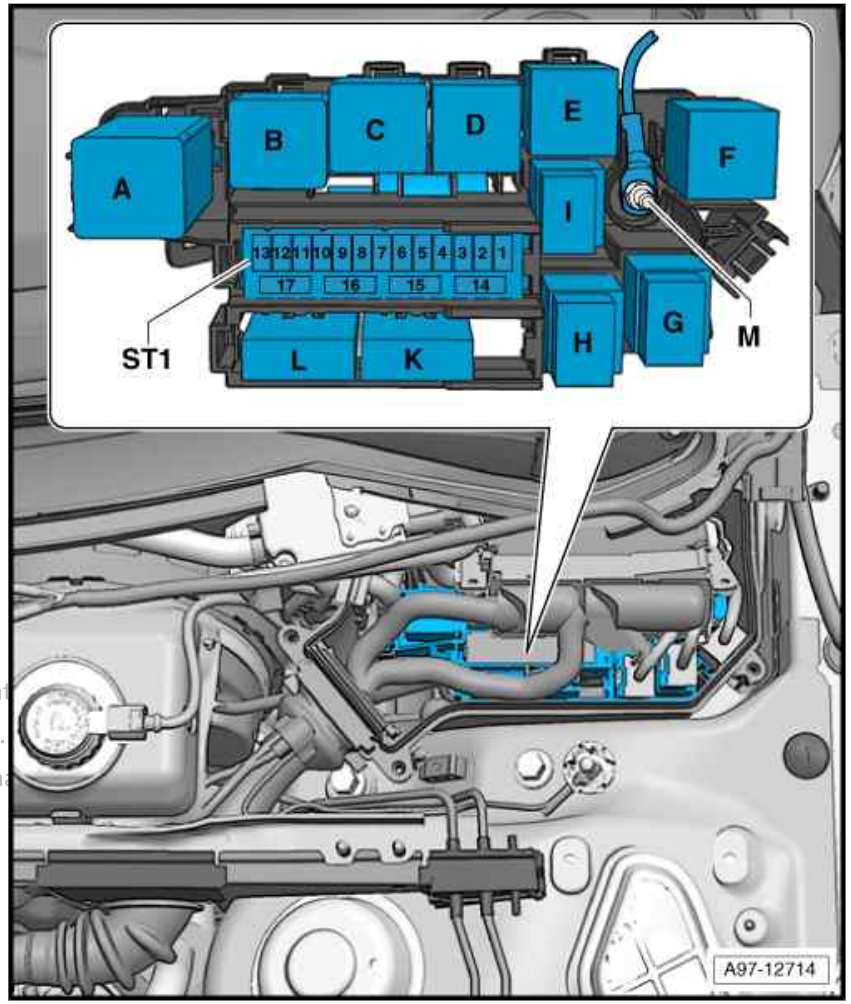
K - Engine glow plug strip fuse -S39- , 60 A [23)]

K - Engine glow plug strip fuse -S39- , 80 A [24)]

K - Secondary air pump fuse -S130- , 50 A [25)]

L - Secondary air pump fuse 2 -S284- , 50 A [26)]

ST1 - Fuse carrier 1, fuses ⇒ page 15



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Location, relay/ fuse holder B -SB- for right-hand drive models, from August 2011:

In electronics box in plenum chamber, driver side.

27) For models with 4-cylinder diesel engine only

28) For models with 6-cylinder diesel engine only

29) For models with 6-cylinder petrol engine only

30) For models with 8-cylinder petrol engine only (for RS 5 only

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 12*

K - Engine glow plug strip fuse -S39- , 60 A [27)]

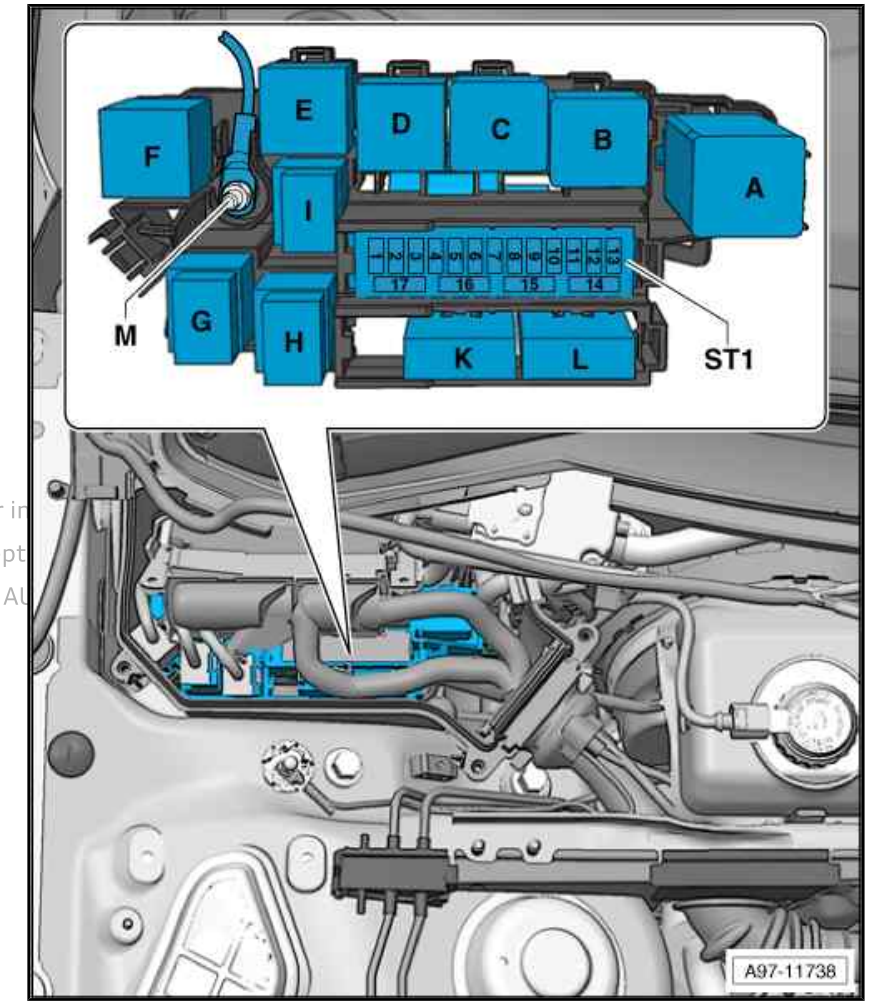
K - Engine glow plug strip fuse -S39- , 80 A [28)]

K - Secondary air pump fuse -S130- , 50 A [29)]

L - Secondary air pump fuse 2 -S284- , 50 A [30)]

ST1 - Fuse carrier 1, fuses ⇒ page 15

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1.4.1 Fuses in fuse carrier ST1 on fuse holder B -SB- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

31) For models with 4-cylinder petrol engine (1.8 l TFSI gen. 2)

32) For models with 4-cylinder petrol engine (1.8 l TFSI gen. 3)

33) For models with 4-cylinder petrol engine (2.0 l TFSI) only

34) For models with 6-cylinder petrol engine (3.0 l TFSI) only

35) For models with 4-cylinder diesel engine (2.0 l TDI) only

36) For models with 6-cylinder diesel engine (3.0 l TDI) only

37) For models with 6-cylinder diesel engine (3.0 l TDI BIN 5) only

38) For models with 6-cylinder diesel engine (3.0 l TDI EU 6) only

39) For models with 8-cylinder petrol engine only (for RS 5 only

40) For models with 6-cylinder petrol engine (3.0 l TFSI) from model year 2015 only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder B -SB1-	15 A	-	Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	30
2	-	Fuse 2 on fuse holder B -SB2-	5 A	-	Oil level and oil temperature sender -G266-	87
3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Engine control unit -J623-	15
4		Fuse 4 on fuse holder B -SB4-	5 A	-	Engine control unit -J623-	30
5		Fuse 5 on fuse holder B -SB5-	5 A [35)] 5 A [36)] 7.5 A [40)] 10 A [31),] 10 A [33)] 10 A [34)]	-	Air mass meter -G70- Fuel pressure regulating valve -N276- Fuel metering valve -N290- Magnetic clutch for supercharger -N421- [40)]	87

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6	Fuse 6 on fuse holder B -SB6-	15 A	-	Engine control unit -J623- Injector 2, cylinder 1 -N532- Injector 2, cylinder 2 -N533- Injector 2, cylinder 3 -N534- Injector 2, cylinder 4 -N535- Activated charcoal filter solenoid valve 1 -N80- 40) Secondary air inlet valve -N112- 40) Oil pressure control valve -N428- 40) Actuator for engine temperature regulation -N493- 40) Engine oil cooler valve -N554- 40) Charge pressure positioner 2 -V546- 40)	87
7	Fuse 7 on fuse holder B -SB7-	10 A 31), 10 A 34) 10 A 35) 10 A 36) 15 A 32) 33) 39)	-	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- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Left solenoid valve for electrohydraulic engine mounting -N144- Right solenoid valve for electrohydraulic engine mounting -N145- Camshaft control valve 1 -N205- Camshaft control valve 2 -N208- Exhaust flap valve -N220- Turbocharger air recirculation valve -N249- Fuel pressure regulating valve -N276- Fuel metering valve -N290- Intake manifold flap valve -N316- Exhaust camshaft control valve 1 -N318- Exhaust camshaft control valve 2 -N319- Climatronic coolant shut-off valve -N422- Oil pressure control valve -N428- Gearbox coolant valve -N488- Piston cooling jet control valve -N522- Pump for exhaust gas recirculation cooler -V400-	87
8	Fuse 8 on fuse holder B -SB8-	5 A 35) 5 A 38) 7.5 A40) 10 A 37) 15 A 32)	-	NOx sender 2 -G687- Control unit for NOx sender 2 -J881- Brake servo relay -J569- NOx sender -G295- Particulate sensor -G784- Control unit for NOx sender -J583- Left solenoid valve for electrohydraulic engine mounting -N144- 40) Right solenoid valve for electrohydraulic engine mounting -N145- 40) Secondary air pump relay -J299- 40) Charge air cooling pump -V188- 40)	87

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9	Fuse 9 on fuse holder B -SB9-	5 A	-	Voltage stabiliser -J532- Engine control unit -J623-	87
10	Fuse 10 on fuse holder B -SB10-	5 A [40)] 10 A [35)] 10 A [36)] 15 A [31),] 15 A [32)] 15 A [33)] 15 A [34)]	-	Lambda probe heater -Z19- Lambda probe heater 2 -Z28- Lambda probe 1 heater after catalytic converter -Z29- Power steering control unit -J500- [40)]	87
11	Fuse 11 on fuse holder B -SB11-	5 A	-	Radiator fan control unit -J293- Radiator fan control unit 2 -J671-	87
12	Fuse 12 on fuse holder B -SB12-	5 A	-	Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	87
13	Fuse 13 on fuse holder B -SB13-	15 A [40)]	-	- only for [40)] Injector 2, cylinder 1 -N532- Injector 2, cylinder 2 -N533- Injector 2, cylinder 3 -N534- Injector 2, cylinder 4 -N535- Injector 2, cylinder 5 -N536- Injector 2, cylinder 6 -N537-	
14	Fuse 14 on fuse holder B -SB14-	5 A [35)] 20 A [31),] 20 A [32)] 20 A [33)] 20 A [34)] 20 A [40)] 30 A [39)]	-	Engine component current supply relay 2 -J976- 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- Climatronic coolant shut-off valve -N422- Pump for exhaust gas recirculation cooler -V400-	87
15	Fuse 15 on fuse holder B -SB15-	5 A 20 A [40)]	-	Power steering control unit -J500- , not for [40)] Lambda probe heater -Z19- , only for [40)] Lambda probe 2 heater -Z28- , only for [40)]	87

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16		Fuse 16 on fuse holder B -SB16-	15 A 25 A[40)]	-	Map-controlled engine cooling system thermostat -F265- Automatic glow period control unit -J179- Secondary air pump relay -J299- Low heat output relay -J359- High heat output relay -J360- Auxiliary engine coolant pump relay -J496- Secondary air pump 2 relay -J545- Gearbox cooling circuit relay -J696- Charge pressure control solenoid valve -N75- Heater element for crankcase breather -N79- Activated charcoal filter solenoid valve 1 -N80- Secondary air inlet valve -N112- Left solenoid valve for electrohydraulic engine mounting -N144- Right solenoid valve for electrohydraulic engine mounting -N145- Air filter bypass flap valve -N275- Intake manifold flap valve -N316- Secondary air inlet valve 2 -N320- Exhaust gas recirculation cooler changeover valve -N345- Oil pressure control valve -N428- Cylinder head coolant valve -N489- Actuator for engine temperature regulation -N493- Coolant circulation pump -V50- Charge air cooling pump -V188- Crankcase breather valve -V546- Engine control unit -J623-	87
17		Fuse 17 on fuse holder B -SB17-	15 A [34)] 20 A	-	Lambda probe 1 heater after catalytic converter -Z29- Lambda probe 2 heater after catalytic converter -Z30-	87

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1.5 Fuse holder C -SC- , up to model year 2009

Fitting location, fuse holder C -SC- for left-hand drive models, up to model year 2009:

Below the dash panel cover, driver side.

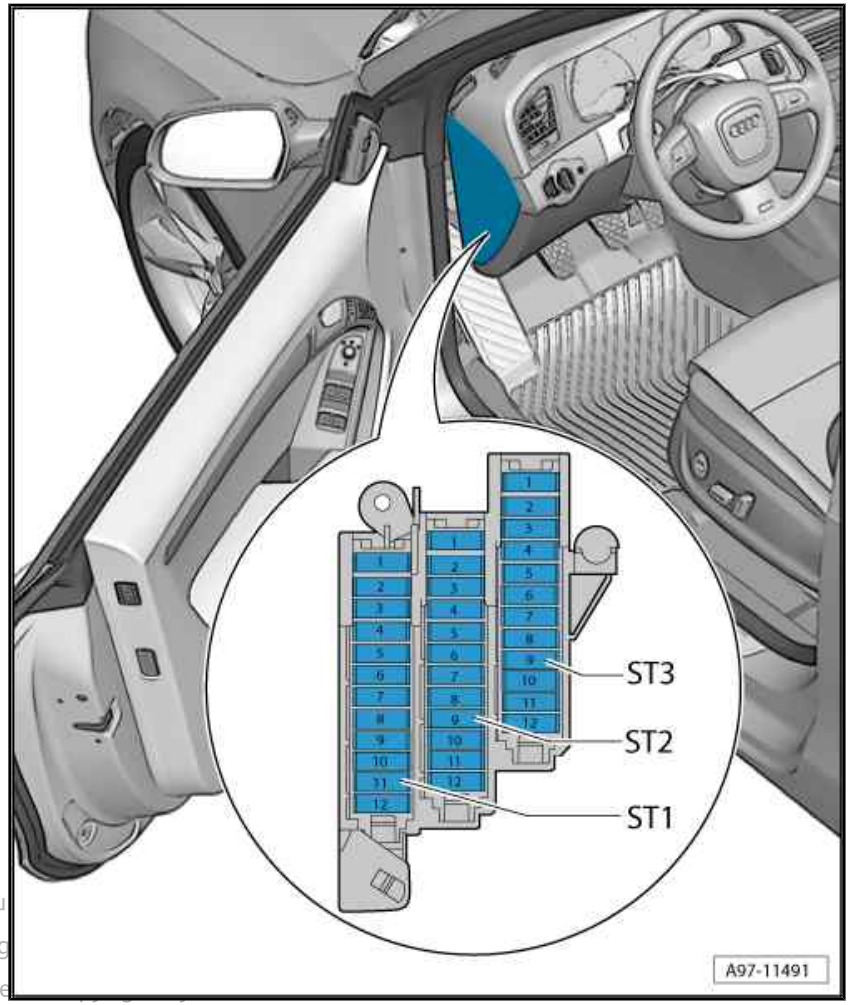
Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models* ⇒ page 19 .

ST1 - Fuse carrier 1, fuses ⇒ page 21

ST2 - Fuse carrier 2, fuses ⇒ page 22

ST3 - Fuse carrier 3, fuses ⇒ page 22



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Fitting location, fuse holder C -SC- for right-hand drive models, up to model year 2009:

Below the dash panel cover, driver side.

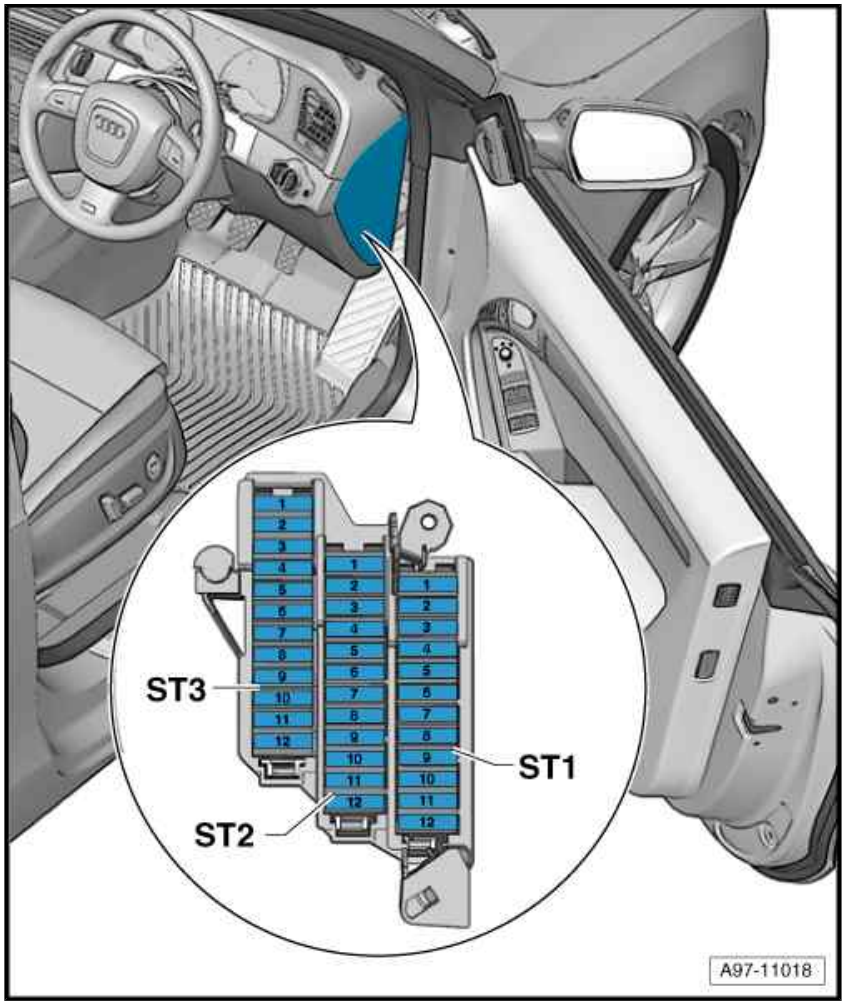
Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 18*

ST1 - Fuse carrier 1, fuses ⇒ page 21

ST2 - Fuse carrier 2, fuses ⇒ page 22

ST3 - Fuse carrier 3, fuses ⇒ page 22



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1.5.1 Fuses in fuse carrier ST1 on fuse holder C -SC- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Active steering control unit -J792-	15
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Clutch pedal switch -F36- Clutch pedal switch for engine start -F194- Clutch position sender -G476-	15
3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	Garage door operating unit -E284- Garage door operation control unit -J530-	15
4	-	Fuse 4 on fuse holder C -SC4-	10 A	-	Lane departure warning control unit -J759-	15
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Air quality sensor -G238-	15
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Headlight range control regulator -E102- Headlight range control unit -J431- Output module for right headlight -J668- Control unit for cornering light and headlight range control -J745- Left headlight range control motor -V48- Right headlight range control motor -V49-	15
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Output module for left headlight -J667-	15
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Onboard supply control unit -J519-	15
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Automatic anti-dazzle interior mirror -Y7-	15
10	-	Fuse 10 on fuse holder C -SC10-	5 A	-	Selector lever sensors control unit -J587- Selector lever lock solenoid -N110-	15
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	Left washer jet heater element -Z20- Right washer jet heater element -Z21-	15
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Refrigerant pressure and temperature sender -G395-	15

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1.5.2 Fuses in fuse carrier ST2 on fuse holder C -SC- (brown)

41) For models with petrol engine only

42) For models with diesel engine only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Circulation pump relay -J160-	87
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Clutch pedal switch -F36- Clutch pedal switch for engine start -F194- Clutch position sender -G476-	87
3	-	Fuse 3 on fuse holder C -SC3-	20 A [42)] 25 A [41)]	-	Fuel system pressurisation pump -G6- Fuel pump control unit -J538-	87
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Circulation pump relay -J160-	15
5	-	Fuse 5 on fuse holder C -SC5-	30 A	-	Onboard supply control unit -J519-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	ABS control unit -J104-	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Horn relay -J413-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Driver door control unit -J386-	30
9	-	Fuse 9 on fuse holder C -SC9-	30 A	-	Wiper motor control unit -J400-	30
10	-	Fuse 10 on fuse holder C -SC10-	25 A	-	ABS control unit -J104-	30
11	-	Fuse 11 on fuse holder C -SC11-	15 A	-	Driver door control unit -J386-	30
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Rain and light sensor -G397-	30

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1.5.3 Fuses in fuse carrier ST3 on fuse holder C -SC- (red)

43) no longer fitted, phased-in modification

44) Phased-in modification

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-		-	Not assigned	
2	-	Fuse 2 on fuse holder C -SC2-		-	Not assigned	
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30
4	-	Fuse 4 on fuse holder C -SC4-	35 A	-	Active steering control unit -J792-	30
5	-	Fuse 5 on fuse holder C -SC5-		-	Not assigned	
6	-	Fuse 6 on fuse holder C -SC6-	35 A	-	Onboard supply control unit -J519-	30

7	-	Fuse 7 on fuse holder C -SC7-	30 A [43)] 20 A [44)]	-	Onboard supply control unit -J519-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Onboard supply control unit -J519-	30
9	-	Fuse 9 on fuse holder C -SC9-	20 A	-	Sliding sunroof adjustment control unit -J245-	30
10	-	Fuse 10 on fuse holder C -SC10-	30 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder C -SC11-		-	Not assigned	
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Alarm horn -H12- Anti-theft alarm sensor -G578-	30

1.6 Fuse holder C -SC- , from model year 2010

Fitting location, fuse holder C -SC- for left-hand drive models, from model year 2010:

Below the dash panel cover, driver side.

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models* ⇒ *page 24* .

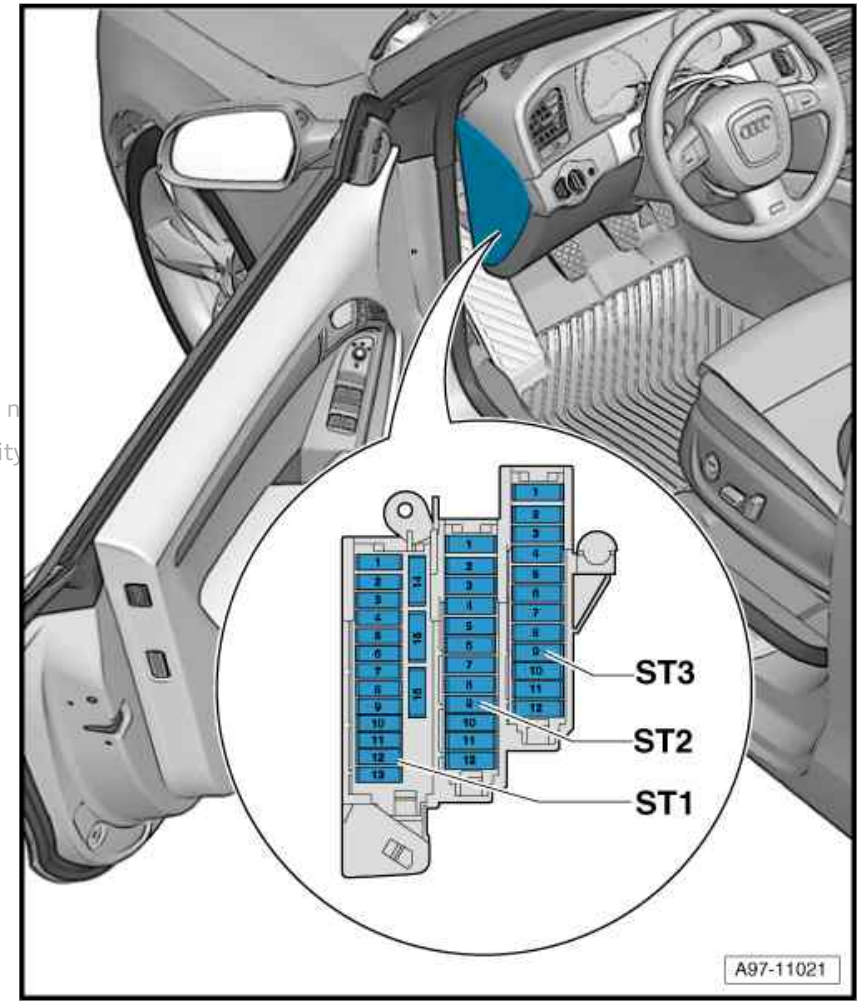
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ST1 - Fuse carrier 1, fuses ⇒ page 26

ST2 - Fuse carrier 2, fuses ⇒ page 27

ST3 - Fuse carrier 3, fuses ⇒ page 28

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Fitting location, fuse holder C -SC- for right-hand drive models, from model year 2010:

Below the dash panel cover, driver side.

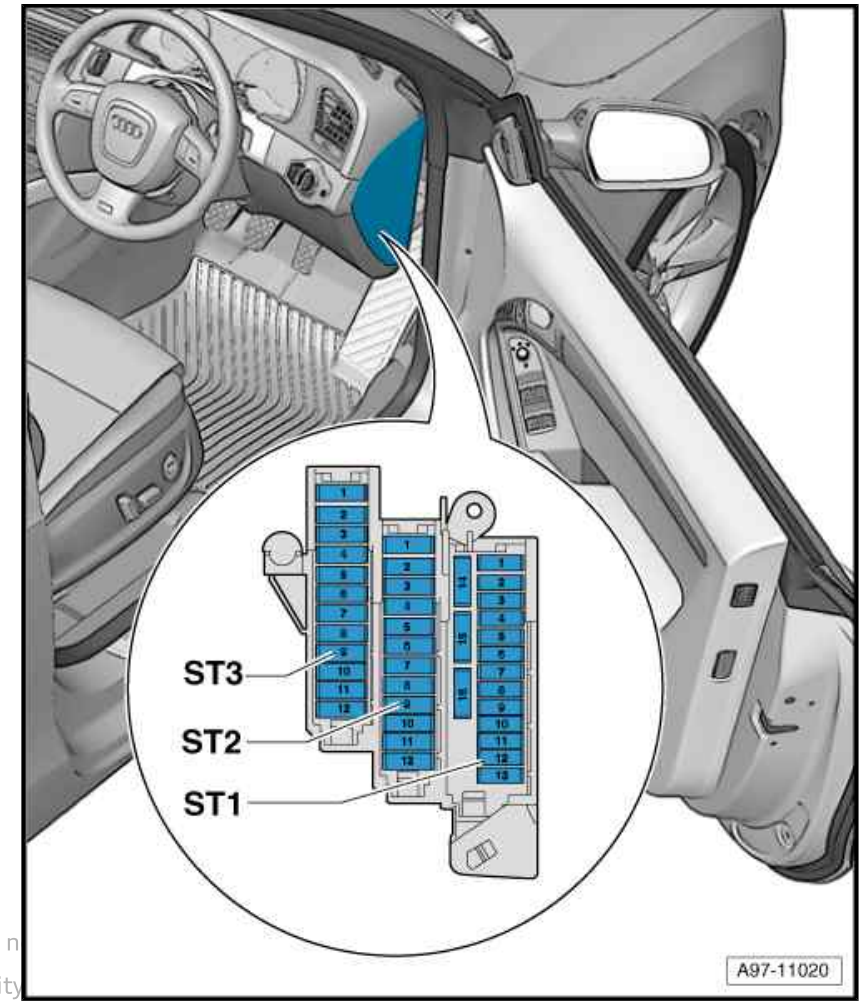
Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 23*

ST1 - Fuse carrier 1, fuses ⇒ page 26

ST2 - Fuse carrier 2, fuses ⇒ page 27

ST3 - Fuse carrier 3, fuses ⇒ page 28



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1.6.1 Fuses in fuse carrier ST1 on fuse holder C -SC- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Active steering control unit -J792-	15
2	-	Fuse 2 on fuse holder C -SC2-		-	Not assigned	
3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	Garage door operating unit -E284- Garage door operation control unit -J530-	15
4	-	Fuse 4 on fuse holder C -SC4-	10 A	-	Lane departure warning control unit -J759-	15
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Air quality sensor -G238-	15
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Headlight range control regulator -E102- Headlight range control unit -J431- Output module for right headlight -J668- Control unit for cornering light and headlight range control -J745- Left headlight range control motor -V48- Right headlight range control motor -V49-	15
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Output module for left headlight -J667-	15
8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Onboard supply control unit -J519-	15
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Control unit for adaptive cruise control -J428-	15
10	-	Fuse 10 on fuse holder C -SC10-	5 A	-	Clutch position sender -G476- Selector lever sensors control unit -J587- Selector lever lock solenoid -N110-	15
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	Left washer jet heater element -Z20- Right washer jet heater element -Z21-	15
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Refrigerant pressure and temperature sender -G395-	15
13		Fuse 13 on fuse holder C -SC13-	5 A	-	18-pin connector -T18a-	15

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14		Fuse 14 on fuse holder C -SC14-	5 A	-	Hazard warning lights button -E229- Airbag control unit -J234- Seat occupied recognition control unit -J706- Indicator lamp for hazard warning light -K6-	15
15		Fuse 15 on fuse holder C -SC15-	25 A	-	ABS control unit -J104- Fuse carrier 2 -ST2- on fuse holder C -SC- Fuse carrier 1 -ST1- on fuse holder D -SD- Fuse carrier 4 -ST4- on fuse holder F -SF-	15
16	-	Fuse 16 on fuse holder C -SC16-	40 A	-	Starter motor relay -J53- Starter motor relay 2 -J695- Fuse carrier 1 -ST1- with fuse 3 on fuse holder B -SB3- Fuse carrier 1 -ST1- with fuse 12 on fuse holder B -SB12-	15

1.6.2 Fuses in fuse carrier ST2 on fuse holder C -SC- (brown)

45) For models with petrol engine only

46) For models with diesel engine (without J538) only

47) For models with diesel engine (with J538) only

48) For left-hand drive models only

49) For models without seat ventilation only

50) For models with seat ventilation only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Automatic anti-dazzle interior mirror -Y7-	15
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Clutch position sender -G476-	87
3	-	Fuse 3 on fuse holder C -SC3-	20 A 46) 25 A 45) 25 A 47)	-	Fuel system pressurisation pump -G6- Fuel pump control unit -J538-	87
4	-	Fuse 4 on fuse holder C -SC4-	10 A	-	Circulation pump relay -J160-	15
5	-	Fuse 5 on fuse holder C -SC5-	15 A 50), 30 A 49),	-	Onboard supply control unit -J519-	30
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	ABS control unit -J104- 48)	30
7	-	Fuse 7 on fuse holder C -SC7-	25 A	-	Horn relay -J413-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Left doors	30
9	-	Fuse 9 on fuse holder C -SC9-	30 A	-	Wiper motor control unit -J400-	30
10	-	Fuse 10 on fuse holder C -SC10-	25 A	-	ABS control unit -J104- 48)	30

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11	-	Fuse 11 on fuse holder C -SC11-	15 A	-	Left doors	30
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Rain and light sensor -G397-	30

1.6.3 Fuses in fuse carrier ST3, fuse holder C -SC- (red)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-		-	Not assigned	
2	-	Fuse 2 on fuse holder C -SC2-		-	Not assigned	
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30
4	-	Fuse 4 on fuse holder C -SC4-	35 A	-	Active steering control unit -J792-	30
5	-	Fuse 5 on fuse holder C -SC5-		-	Not assigned	
6	-	Fuse 6 on fuse holder C -SC6-	35 A	-	Onboard supply control unit -J519-	30
7	-	Fuse 7 on fuse holder C -SC7-	20 A	-	Onboard supply control unit -J519-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Onboard supply control unit -J519-	30
9	-	Fuse 9 on fuse holder C -SC9-	20 A	-	Sliding sunroof adjustment control unit -J245-	30
10	-	Fuse 10 on fuse holder C -SC10-	30 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder C -SC11-		-	Not assigned	
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Alarm horn -H12- Anti-theft alarm sensor -G578-	30

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1.7 Fuse holder C -SC- from August 2011

Location fuse holder C -SC- for left-hand drive models, from August 2011:

Below the dash panel cover, driver side.

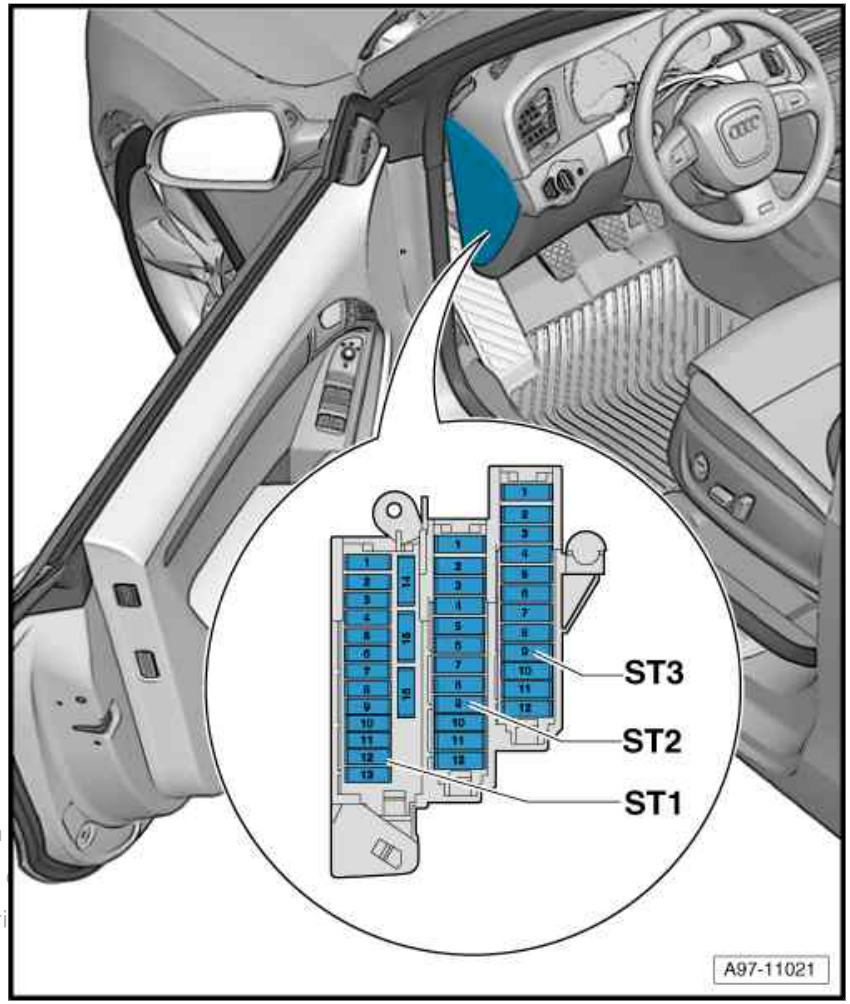
Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 29 .*

ST1 - Fuse carrier 1, fuses ⇒ page 31

ST2 - Fuse carrier 2, fuses ⇒ page 32

ST3 - Fuse carrier 3, fuses ⇒ page 33



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Location fuse holder C -SC- for right-hand drive models, from August 2011:

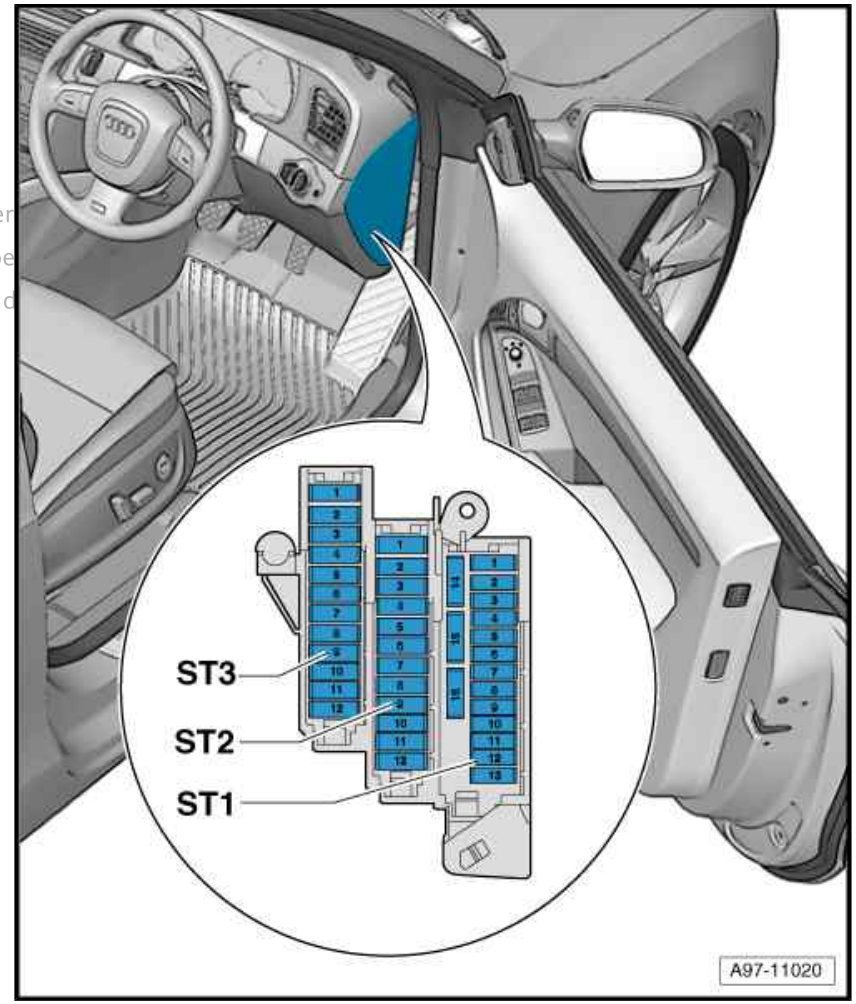
Below the dash panel cover, driver side.

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 28*

ST1 - Fuse carrier 1, fuses ⇒ page 31
ST2 - Fuse carrier 2, fuses ⇒ page 32
ST3 - Fuse carrier 3, fuses ⇒ page 33

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1.7.1 Fuses in fuse carrier ST1 on fuse holder C -SC- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	5 A	-	Active steering control unit -J792-	15
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	ABS control unit -J104-	15
3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	Rear roller blind switch -E149- TCS and ESP button -E256- Parking aid button -E266- Garage door operating unit -E284- Electromechanical parking brake button -E538- Auto-hold button -E540- Air quality sensor -G238- Refrigerant pressure and temperature sender -G395- Garage door operation control unit -J530- Seat heating control unit -J882- Relay for automatic anti-dazzle interior mirror -J910- Automatic anti-dazzle interior mirror -Y7-	15
4	-	Fuse 4 on fuse holder C -SC4-	10 A	-	Lane departure warning control unit -J759-	15
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Control unit for structure-borne sound -J869-	15
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Headlight range control regulator -E102- Front left headlight -MX1- Front right headlight -MX2- Left headlight range control motor -V48- Right headlight range control motor -V49-	15
7	-	Fuse 7 on fuse holder C -SC7-	5 A	-	Front left headlight -MX1-	15

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8	-	Fuse 8 on fuse holder C -SC8-	5 A	-	Adaptive suspension control unit -J197- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Convenience system central control unit -J393- All-wheel drive control unit -J492- Voltage stabiliser -J532- Control unit for electromechanical parking brake -J540-	15
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Control unit for adaptive cruise control -J428-	15
10	-	Fuse 10 on fuse holder C -SC10-	5 A	-	Clutch position sender -G476- Selector lever lock solenoid -N110-	15
11	-	Fuse 11 on fuse holder C -SC11-	5 A	-	Lane change assist control unit -J769- Lane change assist control unit 2 -J770-	15
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Onboard supply control unit -J519-	15
13		Fuse 13 on fuse holder C -SC13-	5 A	-	Airbag control unit -J234- Seat occupied recognition control unit -J706- Front passenger side airbag deactivated warning lamp -K145-	15
14		Fuse 14 on fuse holder C -SC14-	15 A	-	Rear window wiper motor -V12-	15
15		Fuse 15 on fuse holder C -SC15-	10 A	-	Supply, fuse carrier 1 -ST1- Fuse holder D -SD-	15
16	-	Fuse 16 on fuse holder C -SC16-	40 A	-	Starter motor relay -J53- Starter motor relay 2 -J695- Supply fuse carrier 1 -ST1- fuse 3 on fuse holder B -SB3- Supply fuse carrier 1 -ST1- fuse 12 on fuse holder B -SB12- Fuse carrier 1 -ST1- fuse 15 on fuse holder B -SB15-	15

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1.7.2 Fuses in fuse carrier ST2 on fuse holder C -SC- (brown)

51) For models without seat ventilation only

52) For models with seat ventilation only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-		-	Not assigned	
2	-	Fuse 2 on fuse holder C -SC2-	5 A	-	Brake light switch -F-	87
3	-	Fuse 3 on fuse holder C -SC3-	25 A	-	Fuel pump control unit -J538-	87
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Clutch position sender -G476- Pressure sender for reducing agent metering system -G686- Control unit for reducing agent metering system -J880- Reducing agent pump -V437- Heater for reducing-agent pump -Z103-	87
5	-	Fuse 5 on fuse holder C -SC5-	15 A [51] 30 A [52]	-	Onboard supply control unit -J519- Control unit for front left seat ventilation -J800-	30

6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	ABS control unit -J104-	30
7	-	Fuse 7 on fuse holder C -SC7-	15 A	-	Treble horn -H2- Bass horn -H7- Horn relay -J413-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Front left door	30
9	-	Fuse 9 on fuse holder C -SC9-	30 A	-	Wiper motor control unit -J400-	30
10	-	Fuse 10 on fuse holder C -SC10-	25 A	-	ABS control unit -J104-	30
11	-	Fuse 11 on fuse holder C -SC11-	30 A	-	Rear left door	30
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Rain and light sensor -G397-	30

1.7.3 Fuses in fuse carrier ST3, fuse holder C -SC- (red)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-		-	Not assigned	
2	-	Fuse 2 on fuse holder C -SC2-		-	Not assigned	
3	-	Fuse 3 on fuse holder C -SC3-	10 A	-	Driver seat lumbar support adjustment switch -E176- Front passenger seat lumbar support adjustment switch -E177-	30
4	-	Fuse 4 on fuse holder C -SC4-	35 A	-	Active steering control unit -J792-	30
5	-	Fuse 5 on fuse holder C -SC5-		-	Not assigned	
6	-	Fuse 6 on fuse holder C -SC6-	35 A	-	Onboard supply control unit -J519-	30
7	-	Fuse 7 on fuse holder C -SC7-	20 A	-	Onboard supply control unit -J519-	30
8	-	Fuse 8 on fuse holder C -SC8-	30 A	-	Onboard supply control unit -J519-	30
9	-	Fuse 9 on fuse holder C -SC9-	20 A	-	Sliding sunroof adjustment control unit -J245-	30
10	-	Fuse 10 on fuse holder C -SC10-	30 A	-	Onboard supply control unit -J519-	30
11	-	Fuse 11 on fuse holder C -SC11-	20A	-	Sunroof roller blind control unit -J394-	30
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Anti-theft alarm sensor -G578- Alarm horn -H12-	30

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1.8 Fuse holder D -SD-

Fitting location, fuse holder D -SD- for left-hand drive models:

Below the dash panel cover, front passenger side.

Note

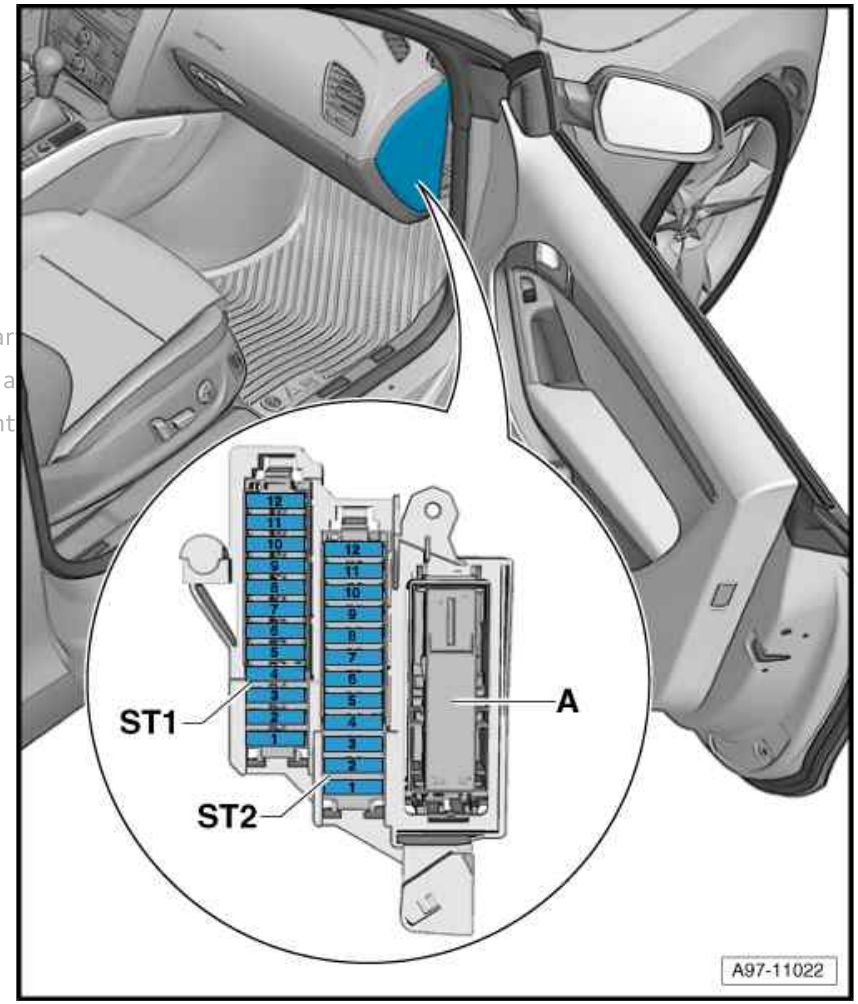
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 35 .*

ST1 - Fuse carrier 1, fuses ⇒ page 36

ST2 - Fuse carrier 2, fuses ⇒ page 37

A - 46-pin connector, black, CAN disconnector, dash panel -T46s-

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Fitting location, fuse holder D -SD- for right-hand drive models:

Below the dash panel cover, front passenger side.

Note

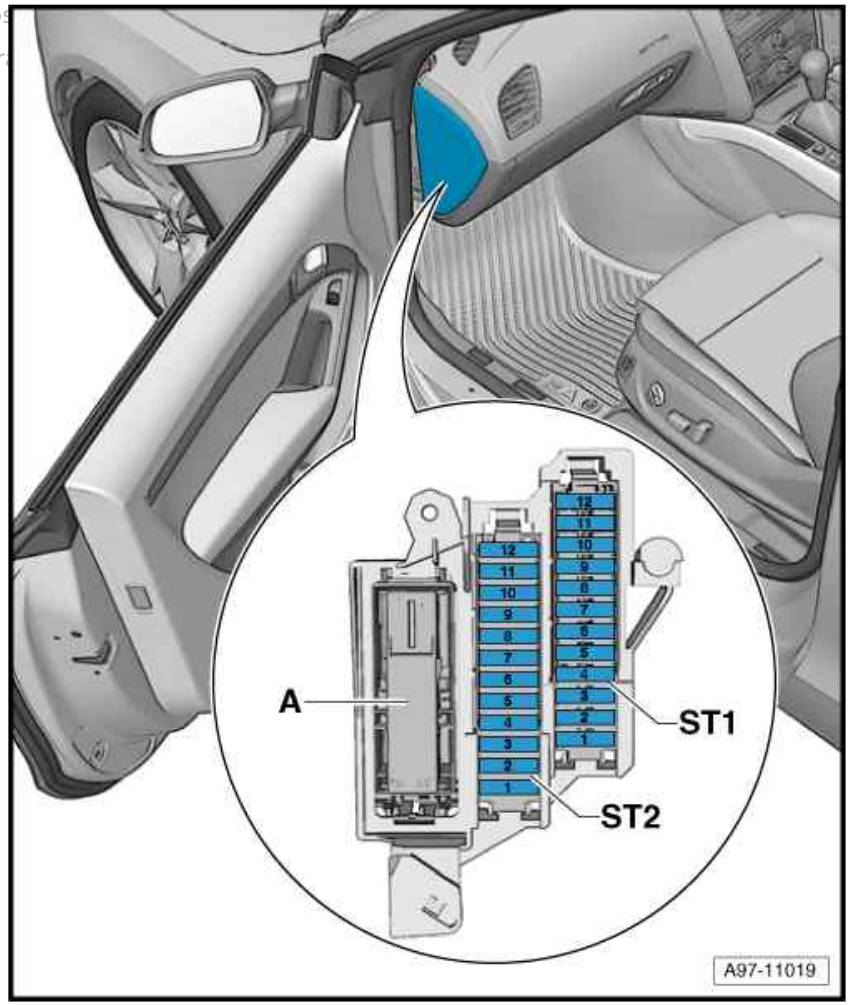
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 33*

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ST1 - Fuse carrier 1, fuses ⇒ page 36

ST2 - Fuse carrier 2, fuses ⇒ page 37

A - 46-pin connector, black, CAN disconnector, dash panel -T46s-



1.8.1 Fuses in fuse carrier ST1 on fuse holder D -SD- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

53) Valid up to July 2011

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder D -SD1-		-	Not assigned	
2	-	Fuse 2 on fuse holder D -SD2-		-	Not assigned	
3	-	Fuse 3 on fuse holder D -SD3-		-	Not assigned	
4	-	Fuse 4 on fuse holder D -SD4-		-	Not assigned	
5	-	Fuse 5 on fuse holder D -SD5-	5 A	-	Steering column electronics control unit -J527-	15
6	-	Fuse 6 on fuse holder D -SD6-	5 A 53)	-	TCS and ESP button -E256- 53) Parking aid button -E266- 53)	15
7	-	Fuse 7 on fuse holder D -SD7-	5 A	-	16-pin connector -T16- , diagnostic connector	15
8	-	Fuse 8 on fuse holder D -SD8-	5 A	-	Data bus diagnostic interface -J533-	15
9	-	Fuse 9 on fuse holder D -SD9-	5 A	-	High heat output relay -J360-	
10	-	Fuse 10 on fuse holder D -SD10-		-	Not assigned	
11	-	Fuse 11 on fuse holder D -SD11-		-	Not assigned	
12	-	Fuse 12 on fuse holder D -SD12-		-	Not assigned	

1.8.2 Fuses in fuse carrier ST2 on fuse holder D -SD- (brown)

54) For models with radio (CAN) with external amplifier only

55) For models with MMI (MOST) only

56) For models with chorus radio and Basic sound system (from November 2009) only

57) For models with chorus/concert/symphony radio and Basic sound system (from May 2010) only

58) Valid up to July 2011

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder D -SD1-	5 A	-	CD changer -R41- DVD changer -R161- Connection for external audio sources -R199-	30
2	-	Fuse 2 on fuse holder D -SD2-	5 A 58)	-	Switch module for driving mode selection -E592- 58)	30
3	-	Fuse 3 on fuse holder D -SD3-	5 A 54) 5 A 55) 20 A 56) 20 A 57)	-	Display unit for front information display and operating unit control unit -J685- Control unit 1 for information electronics -J794- Radio -R-	30
4	-	Fuse 4 on fuse holder D -SD4-	5 A	-	Control unit in dash panel insert -J285-	30
5	-	Fuse 5 on fuse holder D -SD5-	5 A	-	Data bus diagnostic interface -J533-	30
6	-	Fuse 6 on fuse holder D -SD6-	5 A	-	Entryandstartauthorisationswitch -E415-	30
7	-	Fuse 7 on fuse holder D -SD7-	5A	-	Light switch -E1-	30
8	-	Fuse 8 on fuse holder D -SD8-	40 A	-	Fresh air blower control unit -J126-	30
9	-	Fuse 9 on fuse holder D -SD9-	5 A	-	Control unit for electronic steering column lock -J764-	30
10	-	Fuse 10 on fuse holder D -SD10-	10 A	-	Climatronic control unit -J255-	30
11	-	Fuse 11 on fuse holder D -SD11-	10 A	-	16-pin connector -T16- , diagnostic connector	30
12	-	Fuse 12 on fuse holder D -SD12-	5 A	-	Steering column electronics control unit -J527-	30

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1.9 Relay/ fuse holder F -SF- , up to model year 2009

Fitting location, relay/ fuse holder F -SF- , up to model year 2009

In luggage compartment, behind side trim on right.

ST1 - Fuse carrier 1, fuses ⇒ page 38

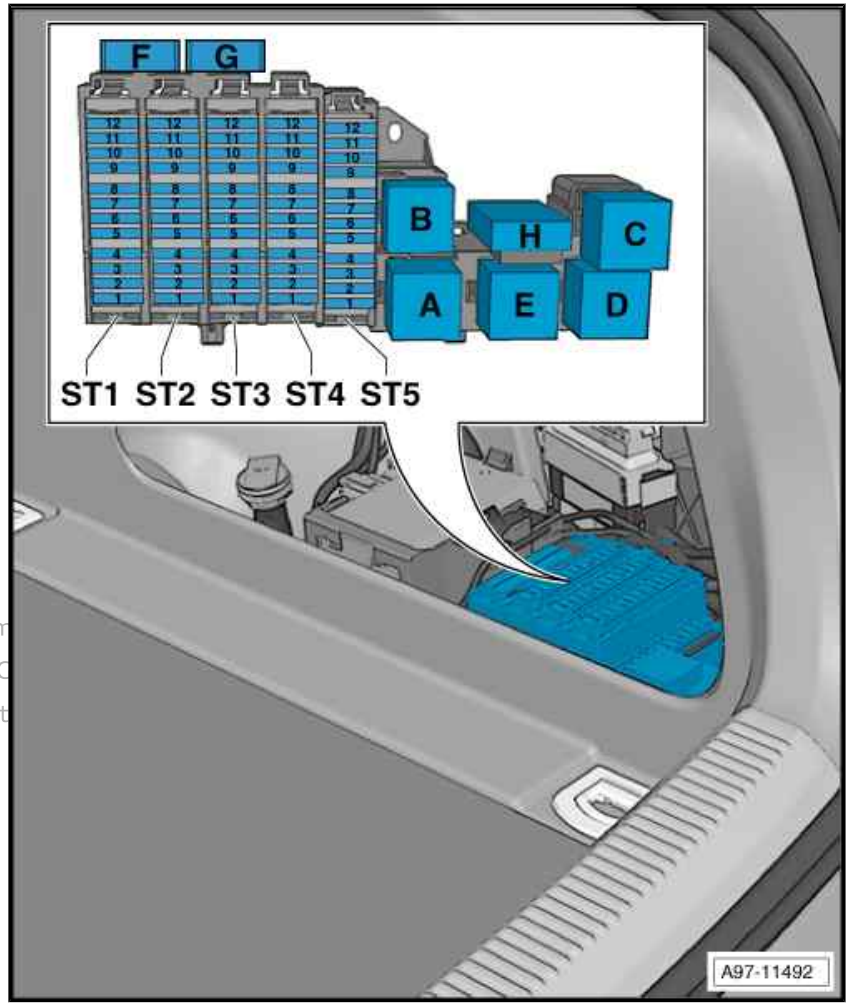
ST2 - Fuse carrier 2, fuses ⇒ page 39

ST3 - Fuse carrier 3, fuses ⇒ page 40

ST4 - Fuse carrier 4, fuses ⇒ page 40

ST5 - Fuse carrier 5, fuses ⇒ page 41

H - Heated rear window fuse -S41- ⇒ page 41



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1.9.1 Fuses in fuse carrier ST1 on fuse holder F -SF- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-		-	Not assigned	
4	-	Fuse 4 on fuse holder F -SF4-		-	Not assigned	
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6	-	Fuse 6 on fuse holder F -SF6-		-	Not assigned	
7	-	Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.9.2 Fuses in fuse carrier ST2 on fuse holder F -SF- (black)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	5 A	-	Tyre Pressure Monitoring System control unit -J502-	30
2	-	Fuse 2 on fuse holder F -SF2-	15 A	-	Trailer detector control unit -J345-	30
3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Trailer detector control unit -J345-	30
4	-	Fuse 4 on fuse holder F -SF4-	20 A	-	Trailer detector control unit -J345-	30
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	-	Electronically controlled damping control unit -J250-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	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-	35 A	-	All-wheel drive control unit -J492-	30
10	-	Fuse 10 on fuse holder F -SF10-	30 A	-	Convenience system central control unit -J393-	30
11	-	Fuse 11 on fuse holder F -SF11-	20 A	-	Convenience system central control unit -J393-	30

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12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Interface control unit for vehicle location system -J843-	30

1.9.3 Fuses in fuse carrier ST3 on fuse holder F -SF- (brown)

59) no longer fitted, phased-in modification

60) Phased-in modification

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	15 A [59] 30 A [60]	-	DC/AC converter with socket, 12 V - 230 V -U13-	30
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-	7.5 A	-	Control unit for navigation system with CD drive -J401- Radio -R- Telephone transmitter and receiver unit -R36- TV tuner -R78- Aerial amplifier for mobile telephone -R86- Telephone bracket -R126- Satellite radio -R146- Digital radio -R147- 18-pin connector, black -T18a-	30
4	-	Fuse 4 on fuse holder F -SF4-	30 A	-	Digital sound package control unit -J525-	30
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Control unit for front display and information control panel -J523-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A	-	Auxiliary heater control unit -J364-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Heated rear left seat switch with regulator -E128- Heated rear right seat switch with regulator -E129-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Front passenger door control unit -J387-	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Remote control receiver for auxiliary heater -R64-	30
11	-	Fuse 11 on fuse holder F -SF11-	15 A	-	Front passenger door control unit -J387-	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Reversing camera system control unit -J772-	30

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1.9.4 Fuses in fuse carrier ST4 on fuse holder F -SF- (red)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	15 A	-	12 V socket 2 -U18-	87
2	-	Fuse 2 on fuse holder F -SF2-	15 A	-	12 V socket -U5-	87

3	-	Fuse 3 on fuse holder F -SF3-	15 A	-	12 V socket 3 -U19-	87
4	-	Fuse 4 on fuse holder F -SF4-	15 A	-	Cigarette lighter -U1-	87
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Park assist steering control unit -J791-	15
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	18-pin connector, black -T18a-	15
7	-	Fuse 7 on fuse holder F -SF7-	5 A	-	Control unit for adaptive cruise control -J428-	15
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-	5 A	-	Electromechanical parking brake button -E538-	15
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Lane change assist control unit 2 -J770-	15
11	-	Fuse 11 on fuse holder F -SF11-	5 A	-	Heated rear left seat switch with regulator -E128-	15
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Hazard warning light switch -E3- Airbag control unit -J234- Seat occupied recognition control unit -J706- Front passenger side airbag deactivated warning lamp -K145-	15

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1.9.5 Fuses in fuse carrier ST5 on fuse holder F -SF- (black)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-		-	Not assigned	
4	-	Fuse 4 on fuse holder F -SF4-		-	Not assigned	
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6		Fuse 6 on fuse holder F -SF6-		-	Not assigned	
7		Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8		Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9		Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10		Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11		Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.9.6 Separate fuses on fuse holder F -SF-

Item		Current flow diagram designation	Nominal value		Function/component	Terminal

H	-	Heated rear window fuse -S41-	40 A	-	Heated rear window relay -J9-	30

1.10 Relay/ fuse holder F -SF- , from model year 2010

Fitting location, relay/ fuse holder F -SF- , from model year 2010

In luggage compartment, behind side trim on right.

ST1 - Fuse carrier 1, ⇒ page 43

ST2 - Fuse carrier 2, ⇒ page 43

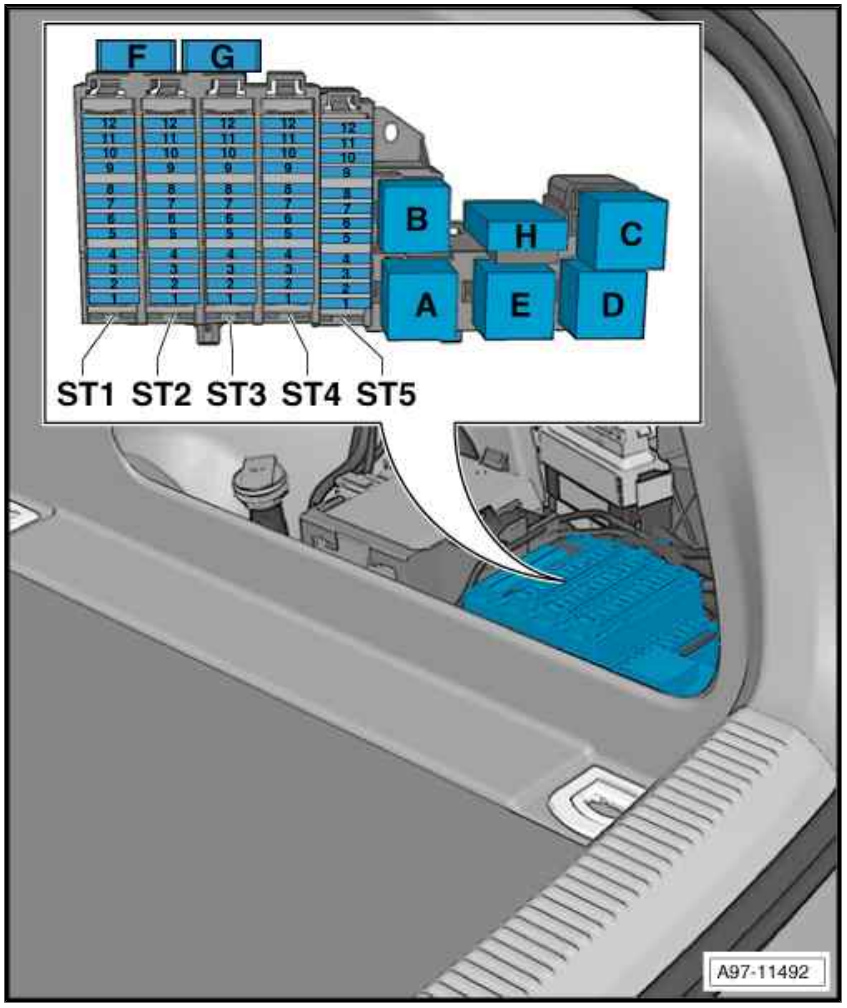
ST3 - Fuse carrier 3, ⇒ page 44

ST4 - Fuse carrier 4, ⇒ page 45

ST5 - Fuse carrier 5, ⇒ page 45

H - Heated rear window fuse -S41- ⇒ page 46

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1.10.1 Fuses in fuse carrier ST1 on fuse holder F -SF- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-		-	Not assigned	
4	-	Fuse 4 on fuse holder F -SF4-		-	Not assigned	
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6	-	Fuse 6 on fuse holder F -SF6-		-	Not assigned	
7	-	Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.10.2 Fuses in fuse carrier ST2 on fuse holder F -SF- (black)

61) For models with 8-cylinder petrol engine only (for RS 5 only)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-	10 A [61)] 15 A	-	Adjustable rear spoiler control unit -J223- Trailer detector control unit -J345-	30

3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Trailer detector control unit -J345-	30
4	-	Fuse 4 on fuse holder F -SF4-	20 A	-	Trailer detector control unit -J345-	30
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	-	Electronically controlled damping control unit -J250-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	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-	35 A	-	All-wheel drive control unit -J492-	30
10	-	Fuse 10 on fuse holder F -SF10-	30 A	-	Convenience system central control unit -J393-	30
11	-	Fuse 11 on fuse holder F -SF11-	20 A	-	Convenience system central control unit -J393-	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Control unit for fuel tank leak detection -J909-	30

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1.10.3 Fuses in fuse carrier ST3 on fuse holder F -SF- (brown)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-	15 A	-	Control unit for front right seat ventilation -J799-	30
3	-	Fuse 3 on fuse holder F -SF3-	40 A	-	Radio -R- Telephone transmitter and receiver unit -R36- TV tuner -R78- Aerial amplifier for mobile telephone -R86- Telephone bracket -R126- 18-pin connector, black -T18a-	30
4	-	Fuse 4 on fuse holder F -SF4-	40 A	-	Voltage stabiliser -J532-	30
5	-	Fuse 5 on fuse holder F -SF5-	30 A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A	-	Auxiliary heater control unit -J364-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Heated rear left seat switch with regulator -E128- Heated rear right seat switch with regulator -E129-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Right doors	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Remote control receiver for auxiliary heater -R64-	30
11	-	Fuse 11 on fuse holder F -SF11-	15 A	-	Right doors	30
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.10.4 Fuses in fuse carrier ST4 on fuse holder F -SF- (red)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	15 A	-	12 V socket 2 -U18-	87
2	-	Fuse 2 on fuse holder F -SF2-	15 A	-	12 V socket -U5- DC/AC converter with socket, 12 V - 230 V -U13-	87
3	-	Fuse 3 on fuse holder F -SF3-	15 A	-	12 V socket 3 -U19-	87
4	-	Fuse 4 on fuse holder F -SF4-	15 A	-	Cigarette lighter -U1-	87
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	2-pin connector, in driver seat backrest -T2dy- 2-pin connector, in front passenger seat backrest -T2dz-	87
7	-	Fuse 7 on fuse holder F -SF7-	7.5 A	-	Park assist steering control unit -J791-	15
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-	5 A	-	Electromechanical parking brake button -E538-	15
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Lane change assist control unit 2 -J770-	15
11	-	Fuse 11 on fuse holder F -SF11-	5 A	-	Heated rear left seat switch with regulator -E128-	15
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Electronically controlled damping control unit -J250- Trailer detector control unit -J345- All-wheel drive control unit -J492- Voltage stabiliser -J532- Control unit for electromechanical parking brake -J540-	15

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1.10.5 Fuses in fuse carrier ST5 on fuse holder F -SF- (black)

62) For models with radio (CAN) and sound system Basic (up to November 2009) only

63) applicable up to April 2010

64) applicable from May 2010

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-	20 A [62] 30 A	-	Digital sound package control unit -J525- Radio -R-	30
4	-	Fuse 4 on fuse holder F -SF4-	7.5 A	-	Control unit 1 for information electronics -J794-	30

5	-	Fuse 5 on fuse holder F -SF5-	5 A [64)] 7.5 A [63)]	-	Control unit for navigation system with CD drive -J401- Radio -R- Telephone transmitter and receiver unit -R36- TV tuner -R78- Aerial amplifier for mobile telephone -R86- Telephone bracket -R126- 18-pin connector, black -T18a-	30
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	Reversing camera system control unit -J772-	30
7	-	Fuse 7 on fuse holder F -SF7-	5 A	-	Aerial amplifier for mobile telephone -R86-	30
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.10.6 Separate fuses on fuse holder F -SF-

Item		Current flow diagram designation	Nominal value		Function/component	Terminal
H	-	Heated rear window fuse -S41-	40 A	-	Heated rear window relay -J9-	30

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1.11 Relay/ fuse holder F -SF- from August 2011

Location, relay/ fuse holder F -SF- from August 2011:

In luggage compartment, behind side trim on right.

ST1 - Fuse carrier 1, ⇒ page 47

ST2 - Fuse carrier 2, ⇒ page 48

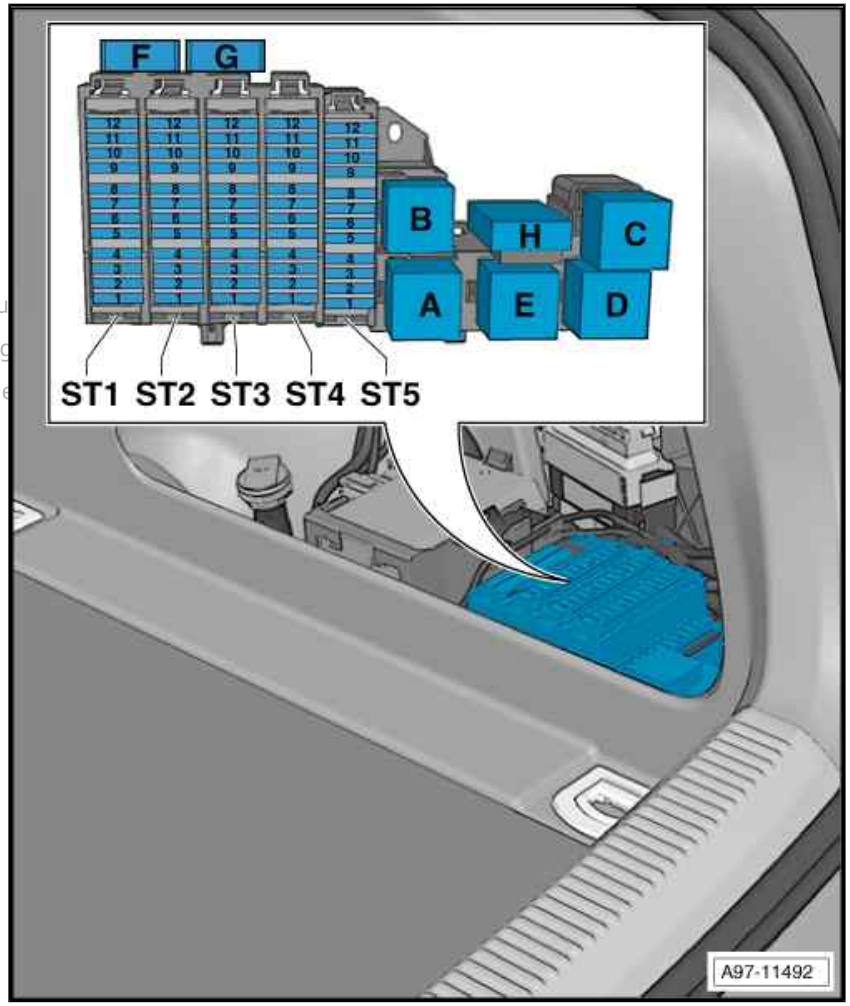
ST3 - Fuse carrier 3, ⇒ page 49

ST4 - Fuse carrier 4, ⇒ page 49

ST5 - Fuse carrier 5, ⇒ page 50

H - Heated rear window fuse -S41- ⇒ page 51

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1.11.1 Fuses in fuse carrier ST1 on fuse holder F -SF- (black)

Fuse colours

35 A - green/blue

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7,5 A - brown

5 A - beige

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-		-	Not assigned	
4	-	Fuse 4 on fuse holder F -SF4-		-	Not assigned	
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6	-	Fuse 6 on fuse holder F -SF6-		-	Not assigned	
7	-	Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.11.2 Fuses in fuse carrier ST2 on fuse holder F -SF- (black)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-	15 A 10A	-	Trailer detector control unit -J345- Adjustable rear spoiler control unit -J223-	30
3	-	Fuse 3 on fuse holder F -SF3-	20 A	-	Trailer detector control unit -J345-	30
4	-	Fuse 4 on fuse holder F -SF4-	20 A	-	Trailer detector control unit -J345-	30
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- Electronically controlled damping control unit -J250-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	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-	35 A	-	All-wheel drive control unit -J492-	30

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10	-	Fuse 10 on fuse holder F -SF10-	30 A	-	Convenience system central control unit -J393-	30
11	-	Fuse 11 on fuse holder F -SF11-	20 A	-	Convenience system central control unit -J393-	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Interface control unit for vehicle location system -J843- Control unit for fuel tank leak detection -J909-	30

1.11.3 Fuses in fuse carrier ST3 on fuse holder F -SF- (brown)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	
2	-	Fuse 2 on fuse holder F -SF2-	20 A	-	Relay for power sockets -J807- Cigarette lighter -U1- 12 V socket -U5- DC/AC converter with socket, 12 V - 230 V -U13- 12 V socket 2 -U18- 12 V socket 3 -U19-	30
3	-	Fuse 3 on fuse holder F -SF3-	40 A	-	Voltage stabiliser -J532-	30
4	-	Fuse 4 on fuse holder F -SF4-	30 A	-	Voltage stabiliser -J532- Radio -R- Digital sound package control unit -J525-	30
5	-	Fuse 5 on fuse holder F -SF5-	25 A	-	DC/AC converter with socket, 12 V - 230 V -U13-	30
6	-	Fuse 6 on fuse holder F -SF6-	30 A	-	Auxiliary heater control unit -J364-	30
7	-	Fuse 7 on fuse holder F -SF7-	30 A	-	Control unit for electromechanical parking brake -J540-	30
8	-	Fuse 8 on fuse holder F -SF8-	30 A	-	Heated rear left seat switch with regulator -E128- Heated rear right seat switch with regulator -E129-	30
9	-	Fuse 9 on fuse holder F -SF9-	30 A	-	Front right door	30
10	-	Fuse 10 on fuse holder F -SF10-	5 A	-	Remote control receiver for auxiliary heater -R64-	30
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Rear right door	30
12	-	Fuse 12 on fuse holder F -SF12-	5 A	-	Telephone transmitter and receiver unit -R36- Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	30

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1.11.4 Fuses in fuse carrier ST4 on fuse holder F -SF- (red)

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-		-	Not assigned	

2	-	Fuse 2 on fuse holder F -SF2-		-	Not assigned	
3	-	Fuse 3 on fuse holder F -SF3-		-	Not assigned	
4	-	Fuse 4 on fuse holder F -SF4-		-	Not assigned	
5	-	Fuse 5 on fuse holder F -SF5-		-	Not assigned	
6	-	Fuse 6 on fuse holder F -SF6-		-	Not assigned	
7	-	Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8	-	Fuse 8 on fuse holder F -SF8-		-	Not assigned	
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-		-	Not assigned	
12	-	Fuse 12 on fuse holder F -SF12-		-	Not assigned	

1.11.5 Fuses in fuse carrier ST5 on fuse holder F -SF- (black)

65) For models with start/stop system only

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder F -SF1-	15 A	-	Control unit for front right seat ventilation -J799-	30
2	-	Fuse 2 on fuse holder F -SF2-	5 A	-	Relay for automatic anti-dazzle interior mirror -J910- [65]	30
3	-	Fuse 3 on fuse holder F -SF3-	30 A	-	Supply, fuse carrier 2 -ST2- Fuse 1 on fuse holder D -SD1- to fuse 4 on fuse holder D -SD4- [65]	30
4	-	Fuse 4 on fuse holder F -SF4-	7.5 A	-	Control unit 1 for information electronics -J794-	30
5	-	Fuse 5 on fuse holder F -SF5-	5 A	-	Chip card reader control unit -J676- Radio -R- TV tuner -R78-	30
6	-	Fuse 6 on fuse holder F -SF6-	5 A	-	Reversing camera system control unit -J772-	30
7	-	Fuse 7 on fuse holder F -SF7-		-	Not assigned	
8	-	Fuse 8 on fuse holder F -SF8-	5 A	-	Preparation for multimedia system: 2-pin connector, in driver seat backrest -T2dy- 2-pin connector, in front passenger seat backrest -T2dz-	30
9	-	Fuse 9 on fuse holder F -SF9-		-	Not assigned	
10	-	Fuse 10 on fuse holder F -SF10-		-	Not assigned	
11	-	Fuse 11 on fuse holder F -SF11-	30 A	-	Control unit for reducing agent metering system -J880-	30
12	-	Fuse 12 on fuse holder F -SF12-	10 A	-	Control unit for reducing agent metering system -J880-	30

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1.11.6 Separate fuses on fuse holder F -SF-

Item		Current flow diagram designation	Nominal value		Function/component	Terminal
H	-	Heated rear window fuse -S41-	40 A	-	Heated rear window relay -J9-	30

1.12 Terminal 30 wiring junction 2 -TV22- with jump start socket -U6- up to July 2011

Location for models up to July 2011:

In engine compartment - centre of plenum chamber.

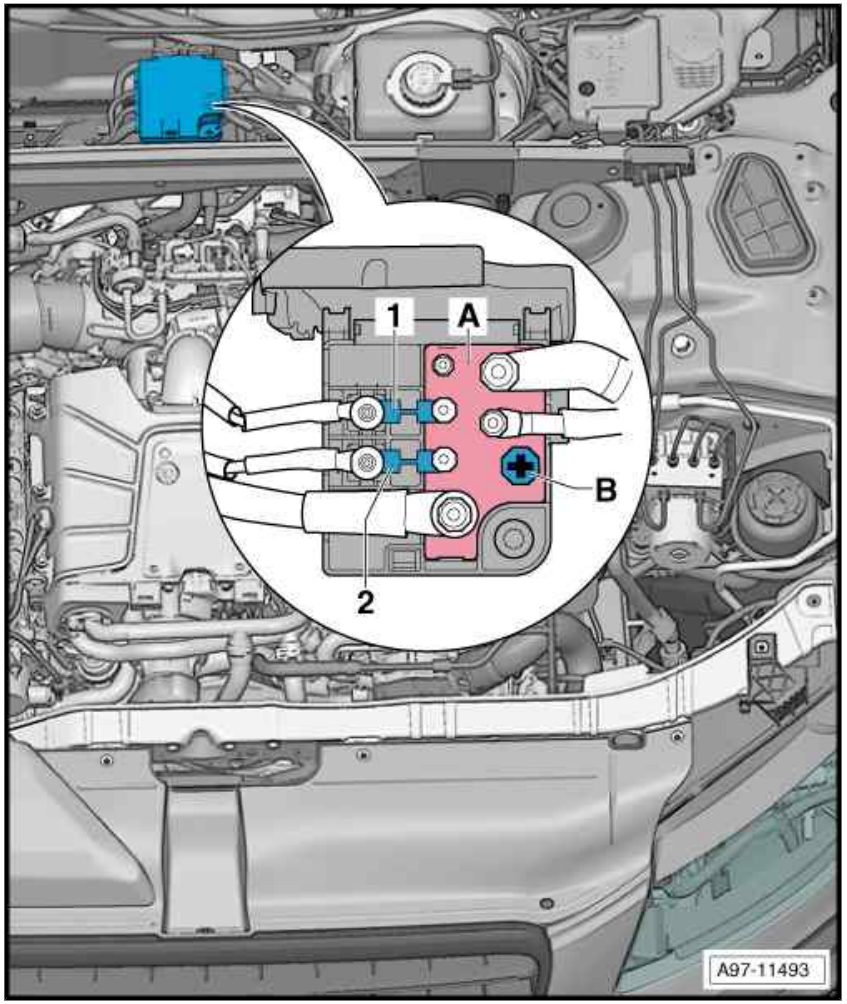
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A - Terminal 30 wiring junction 2 -TV22-

B - Jump start socket -U6-

1 - Fuse 1 (30) -S204- , ⇒ page 52

2 - Fuse 2 (30) -S205- , ⇒ page 52



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1.12.1 Fuses on terminal 30 wiring junction 2 -TV22- with jump start socket -U6-

66) S204 (600 W) and S205 (400 W) are installed in models with radiator fan control 1000 W

67) S204 (400 W) and S205 (400 W) are installed in models with radiator fan control 800 W

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 (30) -S204-	40 A 60 A	-	Radiator fan control 400 W [67], Radiator fan control 600 W [66],	30

2	-	Fuse 2 (30) -S205-	40 A	-	Radiator fan control 400 W	30

1.13 Terminal 30 wiring junction 2 -TV22- with jump start socket -U6- from August 2011

Location for models from August 2011:

In engine compartment - centre of plenum chamber.

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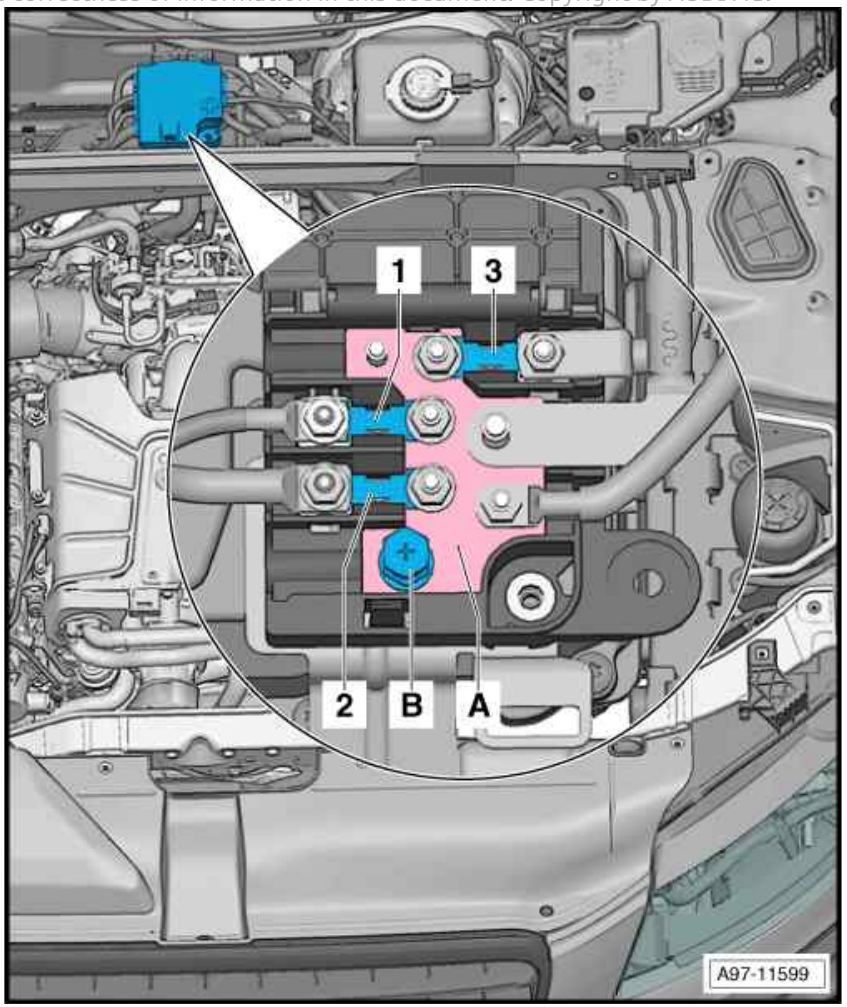
A - Terminal 30 wiring junction 2 -TV22-

B - Jump start socket -U6-

1 - Fuse 1 (30) -S204- , ⇒ page 54

2 - Fuse 2 (30) -S205- , ⇒ page 54

3 - Fuse 3 (30) -S206- , ⇒ page 54



1.13.1 Fuses on terminal 30 wiring junction 2 -TV22- with jump start socket -U6-

68) S204 (600 W) and S205 (400 W) are installed in models with radiator fan control 1000 W

69) S204 (400 W) and S205 (400 W) are installed in models with radiator fan control 800 W

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 (30) -S204-	40 A 60 A	-	Radiator fan control 400 W [69] Radiator fan control 600 W [68]	30
2	-	Fuse 2 (30) -S205-	40 A	-	Radiator fan control 400 W	30
3	-	Fuse 3 (30) -S206-	110 A	-	Power steering control unit -J500-	30

1.14 3-pin relay/fuse holder

Fitting location, 3-pin relay/fuse holder for left-hand drive models:

Below the dash panel on driver side, on relay/fuse holder with onboard supply control unit -J519- and screw connection.

Note

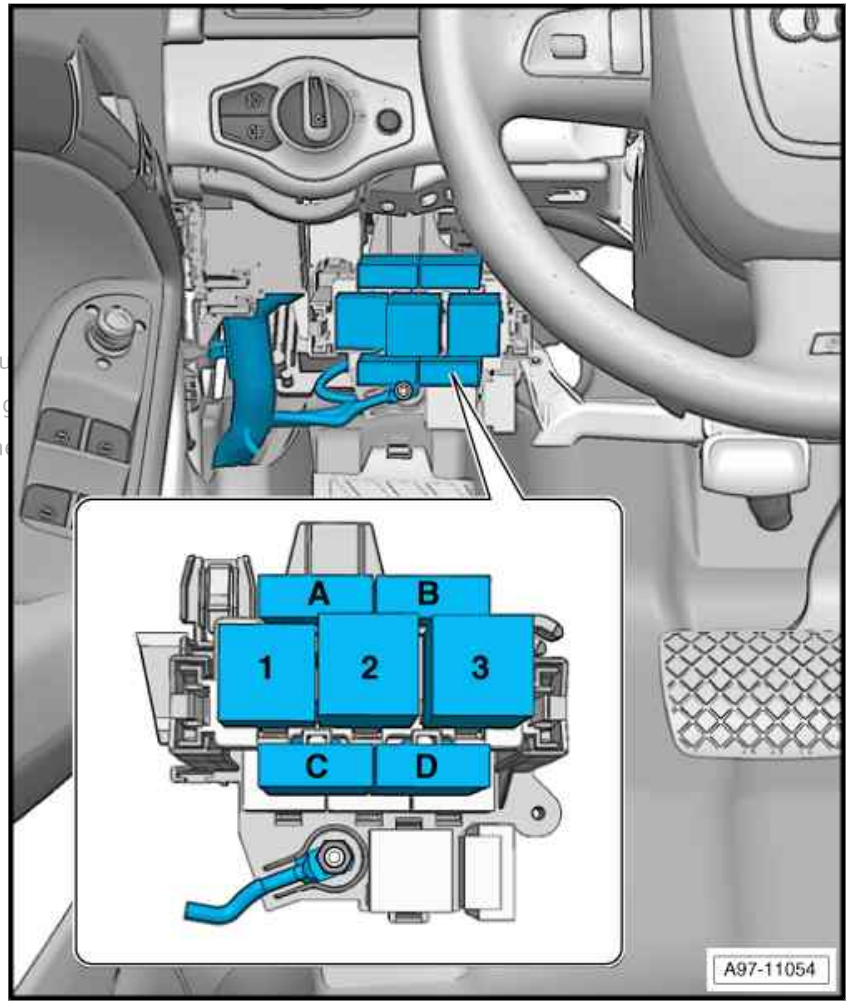
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models* ⇒ page 55 .

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C - Auxiliary heater fuse -S126- , 40 A

D - Auxiliary heater fuse 2 -S328- , 60 A

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Fitting location, 3-pin relay/fuse holder for right-hand drive models:

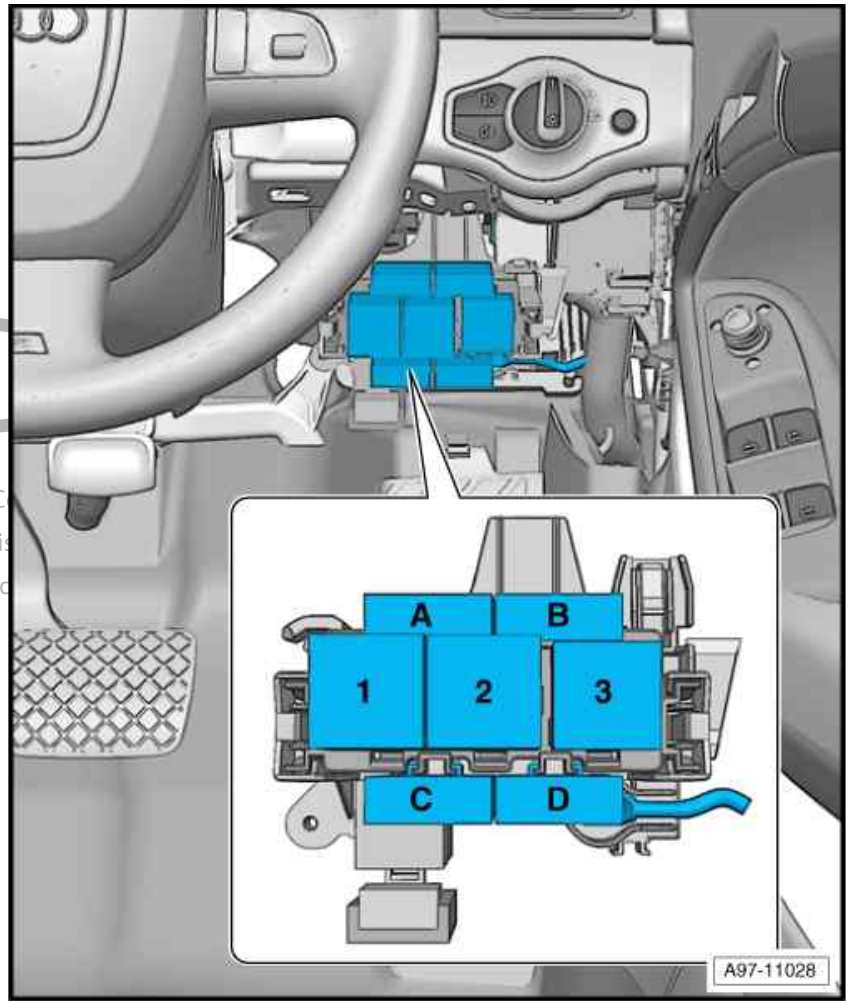
Below the dash panel on driver side, on relay/fuse holder with onboard supply control unit -J519- and screw connection.

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* *⇒ page 54*

C - Auxiliary heater fuse -S126- , 40 A

D - Auxiliary heater fuse 2 -S328- , 60 A



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1.15 6-pin coupling station of A-pillar driver side

Fitting location, 6-pin coupling station of A-pillar driver side for left-hand drive models:

On A-pillar in driver footwell, behind side trim.

70) Up to June 2007

71) From June 2007

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 58 .*

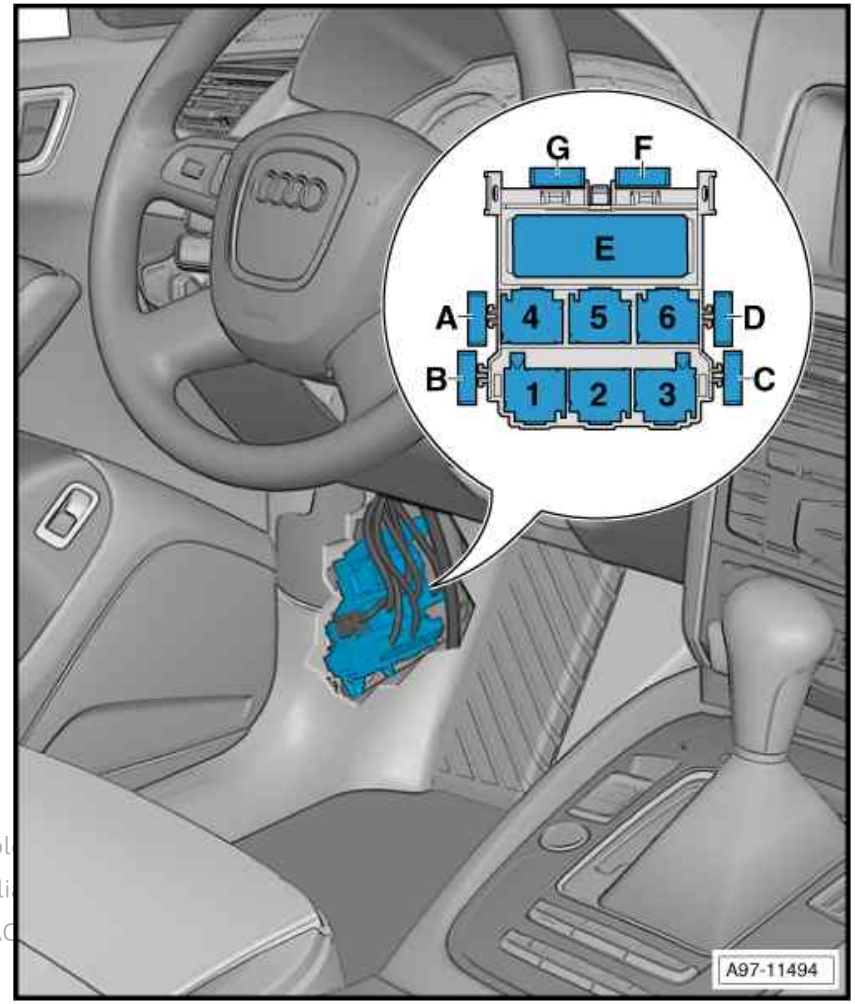


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F - Thermal fuse for driver and front passenger sea -S346- [70], 30 A

F - Front passenger seat adjustment thermal fuse 1 -S46- [71], 15 A

G - Driver seat adjustment thermal fuse 1 -S44- [71], 15 A



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Fitting location, 6-pin coupling station of A-pillar driver side for right-hand drive models:

On A-pillar in driver footwell, behind side trim.

72) Up to June 2007

73) From June 2007

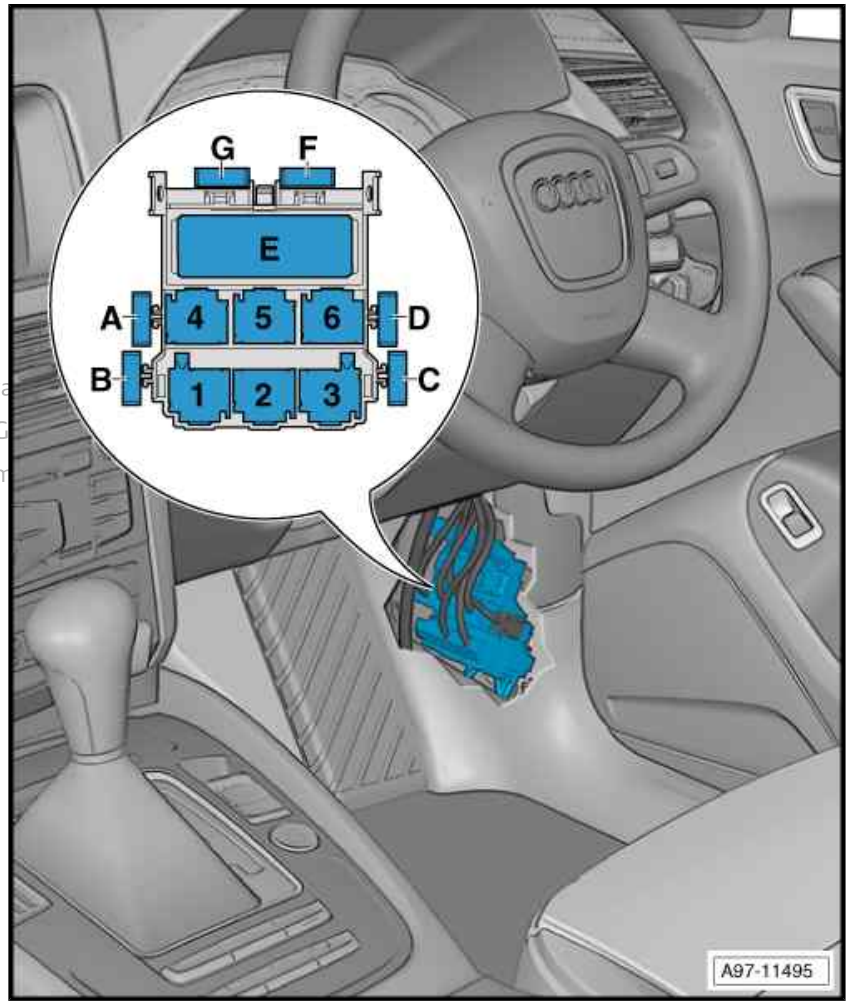
Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 57*

F - Thermal fuse for driver and front passenger sea -S346- [72], 30 A

F - Front passenger seat adjustment thermal fuse 1 -S46- [73], 15 A

G - Driver seat adjustment thermal fuse 1 -S44- [73], 15 A



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1.16 6-pin coupling station on A-pillar, passenger side

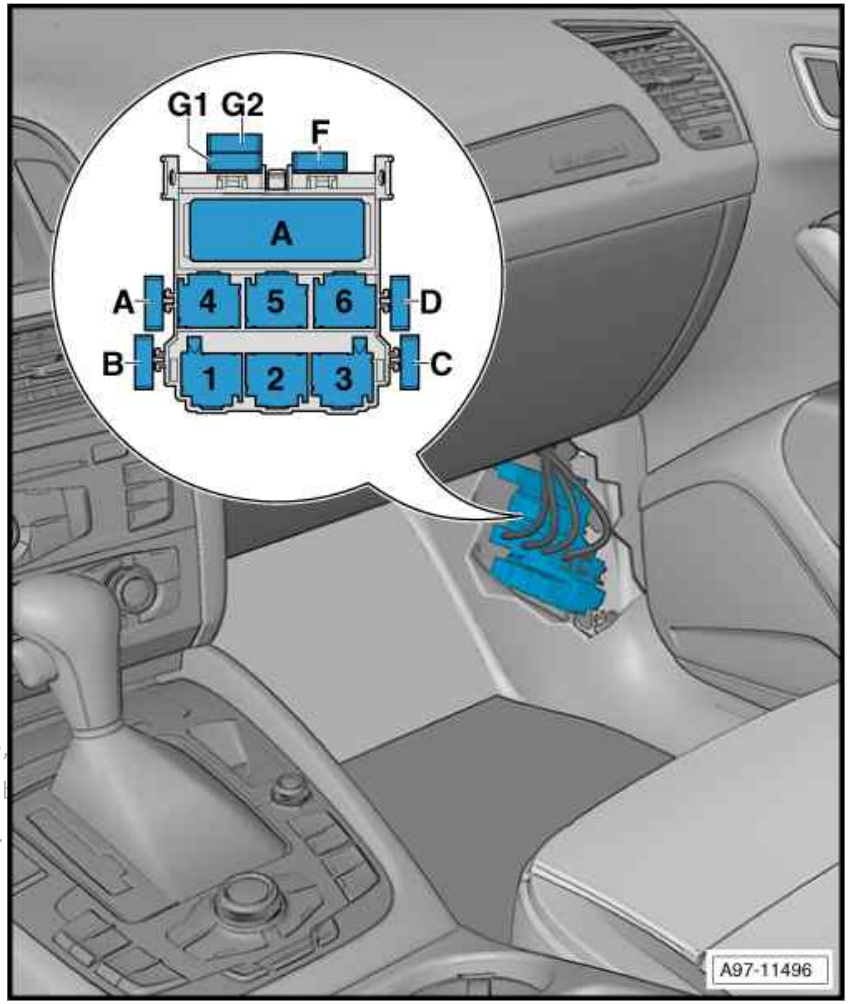
Fitting location, 6-pin coupling station of A-pillar passenger side for left-hand drive models:

On A-pillar in front passenger footwell, behind side trim.

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 61 .*

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Fitting location, 6-pin coupling station of A-pillar passenger side for right-hand drive models:

On A-pillar in front passenger footwell, behind side trim.

74) For right-hand drive models only, for left-hand drive models ⇒ page 63

75) Valid up to and including July 2011

76) Applicable from August 2011

Note

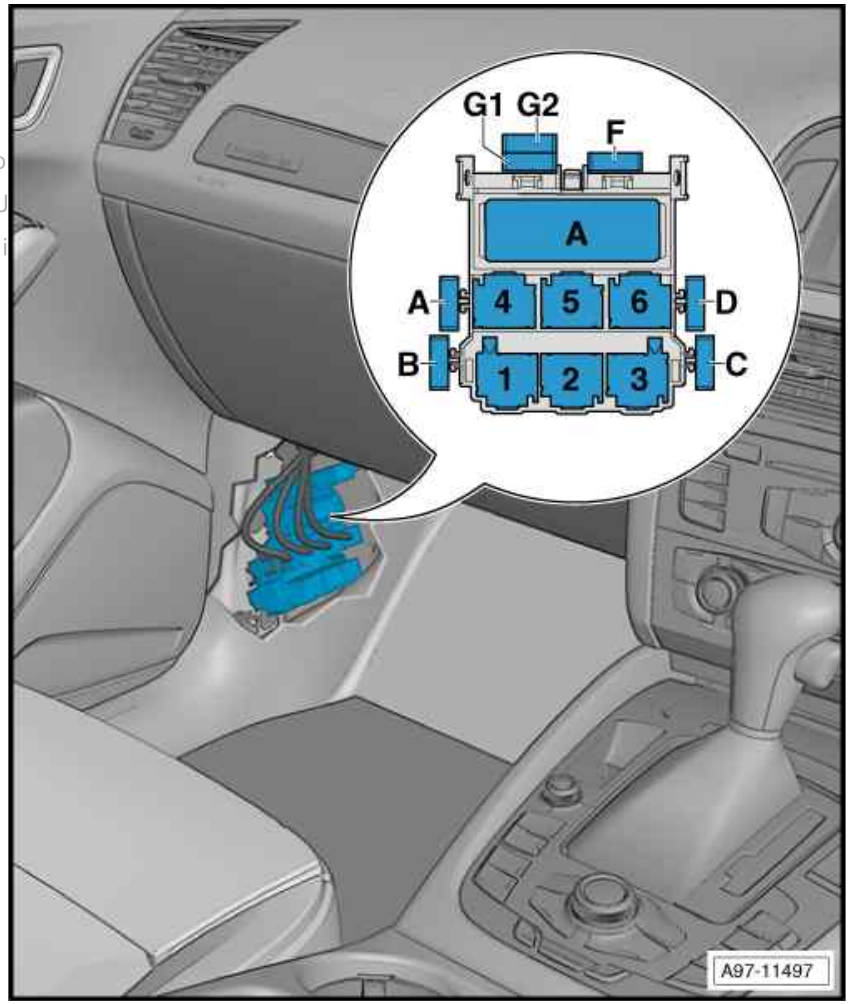
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 60*

F - ABS control unit fuse 1 -S123- [74], 40 A

G1 - ABS control unit fuse 3 -S137- [74], 25 A

G2 - ABS control unit fuse 2 -S124- [74], 10 A [75] / 5 A [76]

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1.17 Relay/fuse holder with onboard supply control unit -J519-

Fitting location, fuse/relay holder with onboard supply control unit -J519- for left-hand drive models:

Below the dash panel, driver side.

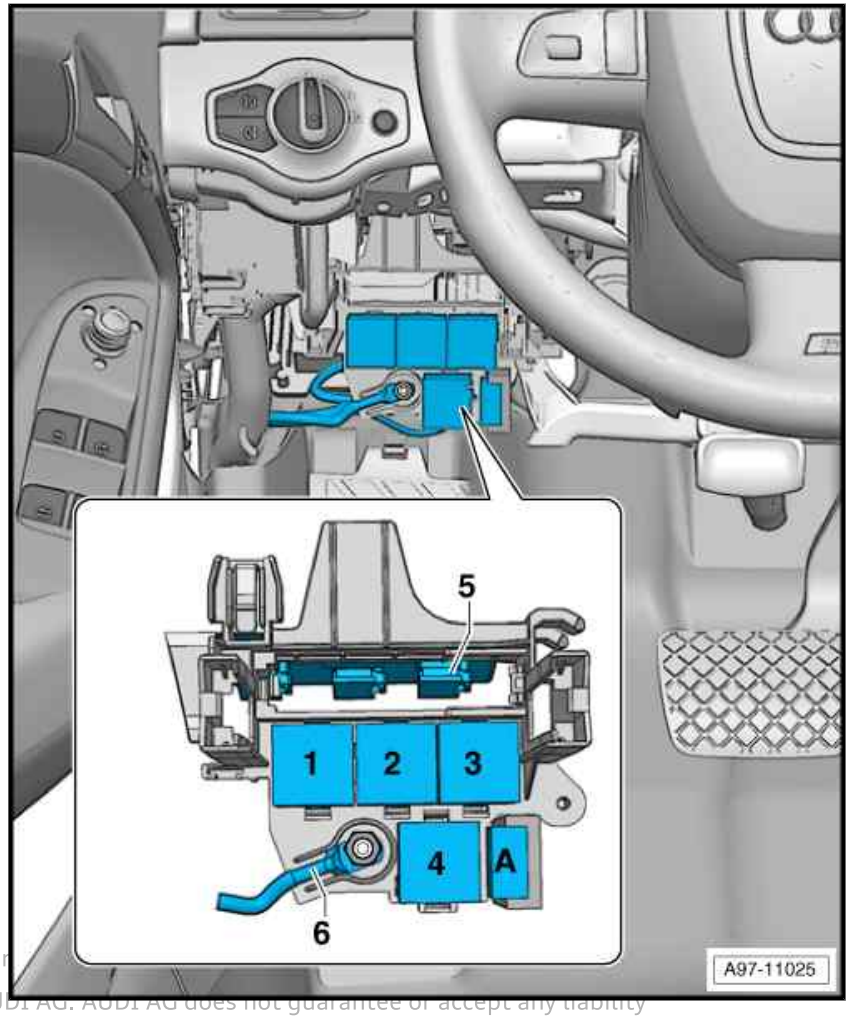
77) For left-hand drive models only, for right-hand drive models ⇒ page 61

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 64 .*

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A - ABS control unit fuse 1 -S123- [77], 40 A



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Fitting location, fuse/relay holder with onboard supply control unit -J519- for right-hand drive models:

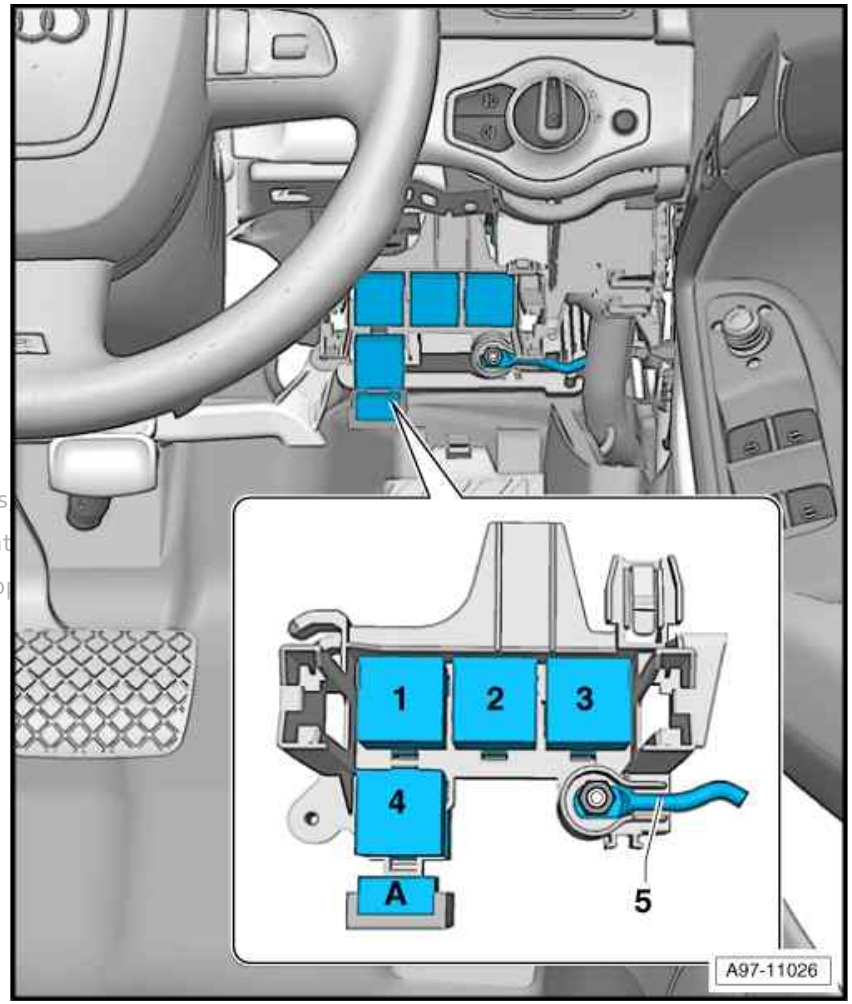
Below the dash panel, driver side.

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 63*

A - Not assigned

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1 Relays

1.1 Overview of relays

Note

Overview also valid for sportback models (5-door)!

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1 -
Relay/ fuse holder F -SF-

- Components: -J9- , -J84- , -J807-
- Location for models up to July 2011: ⇒ page 12
- Location for models from August 2011: ⇒ page 12

2 -
Relay/fuse holder with onboard supply control unit -J519-

- Components: -J160- , -J318- , -J329- , -J413- , -J601- , -J608- , -J910-
- Fitting location for left-hand drive models: ⇒ page 3
- Fitting location for right-hand drive models: ⇒ page 4

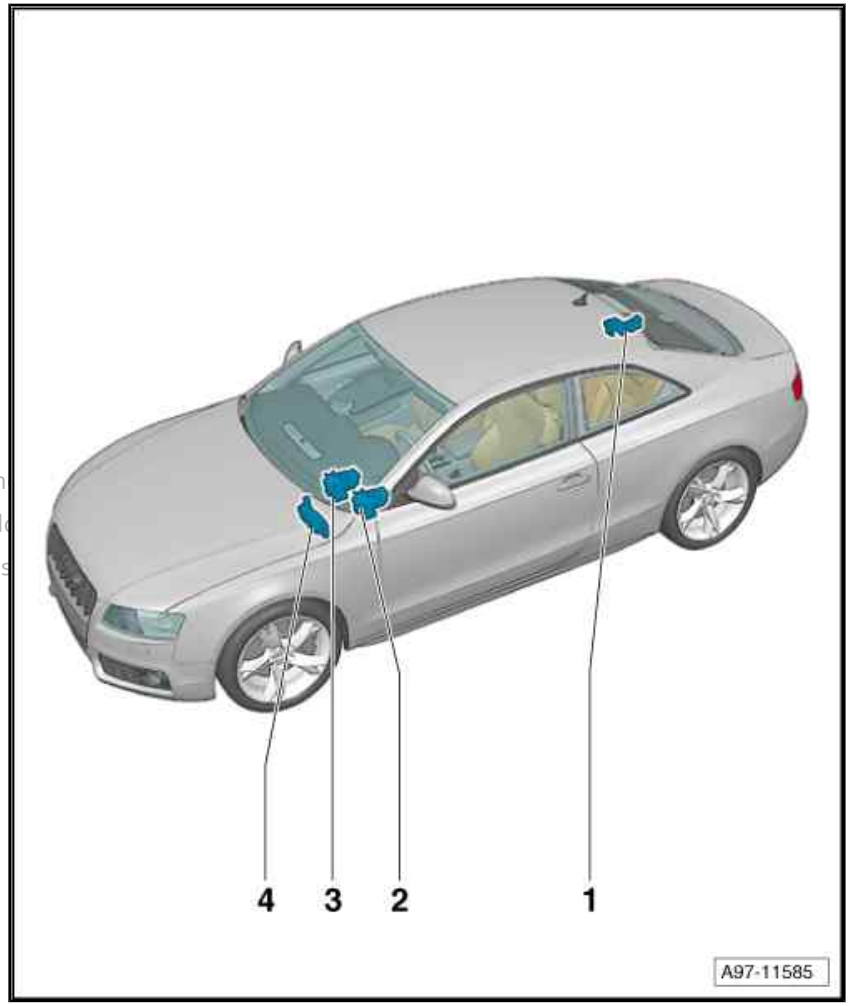
3 -
3-pin relay/fuse holder

- Components: -J359- , -J360- , -J604-
- Fitting location for left-hand drive models: ⇒ page 6
- Fitting location for right-hand drive models: ⇒ page 7

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4 -
Relay/ fuse holder B -SB-

- Components: -J17- , -J53- , -J151- , -J179- , -J271- , -J299- , -J317- , -J496- , -J545- , -J569- , -J695- , -J696- , -J757- , -J832-
- Fitting location for left-hand drive models: ⇒ page 9
- Fitting location for right-hand drive models: ⇒ page 10



1.2 Relay/fuse holder with onboard supply control unit -J519-

Fitting location, fuse/relay holder with onboard supply control unit -J519- for left-hand drive models:

Below the dash panel, driver side.

1) Location applicable from September 2007, up to August 2007 ⇒ page 12

2) Applicable up to May 2009 for models with 3.2l, 6-cylinder petrol engine without auxiliary heater

3) For special vehicles only

4) For models with start/stop system only

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 4 .*

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1 - Not assigned

2 - Circulation pump relay -J160- [2)]

2 - Horn relay -J413-

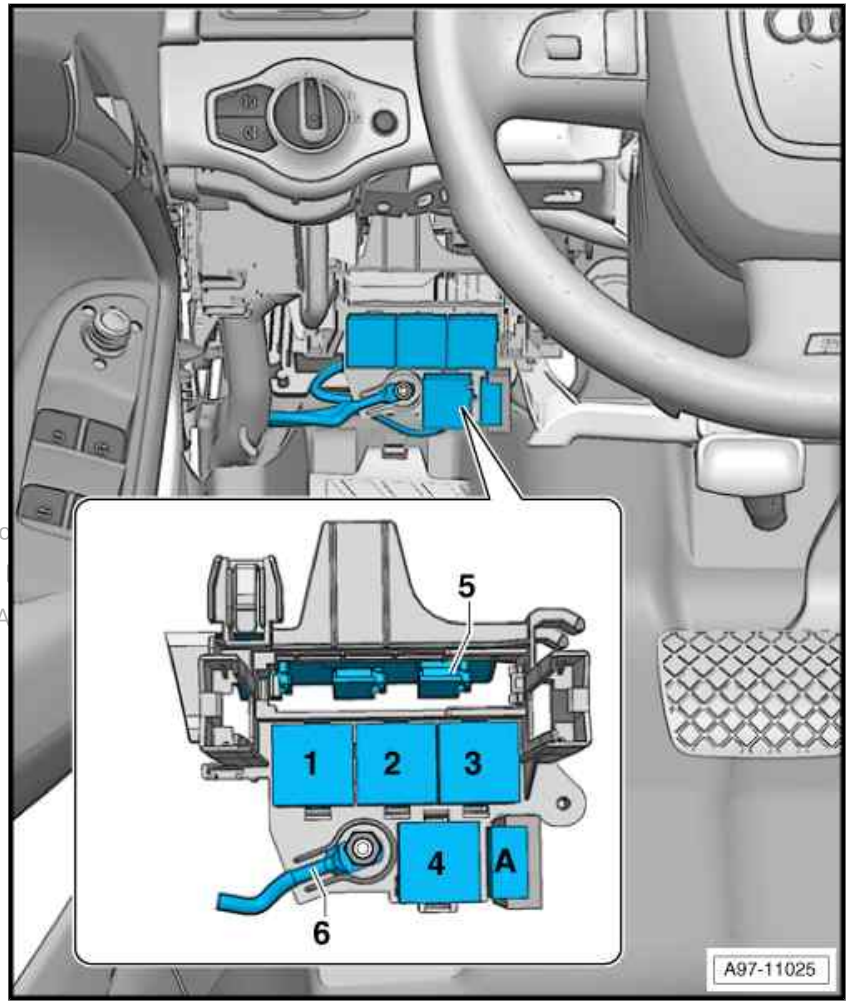
2 - Relay for automatic anti-dazzle interior mirror -J910- [4),]

3 - Terminal 15 voltage supply relay -J329- [1)]

4 - Control unit for taxi alarm remote control -J601- [3)]

4 - Special vehicle control unit -J608- [3)]

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Fitting location, fuse/relay holder with onboard supply control unit -J519- for right-hand drive models:

Below the dash panel, driver side.

5) Location applicable from September 2007, up to August 2007 ⇒ page 12

6) Applicable up to May 2009 for models with 3.2l, 6-cylinder petrol engine without auxiliary heater

7) For special vehicles only

8) For models with start/stop system only

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 3*

1 - Not assigned

2 - Circulation pump relay -J160- 6)

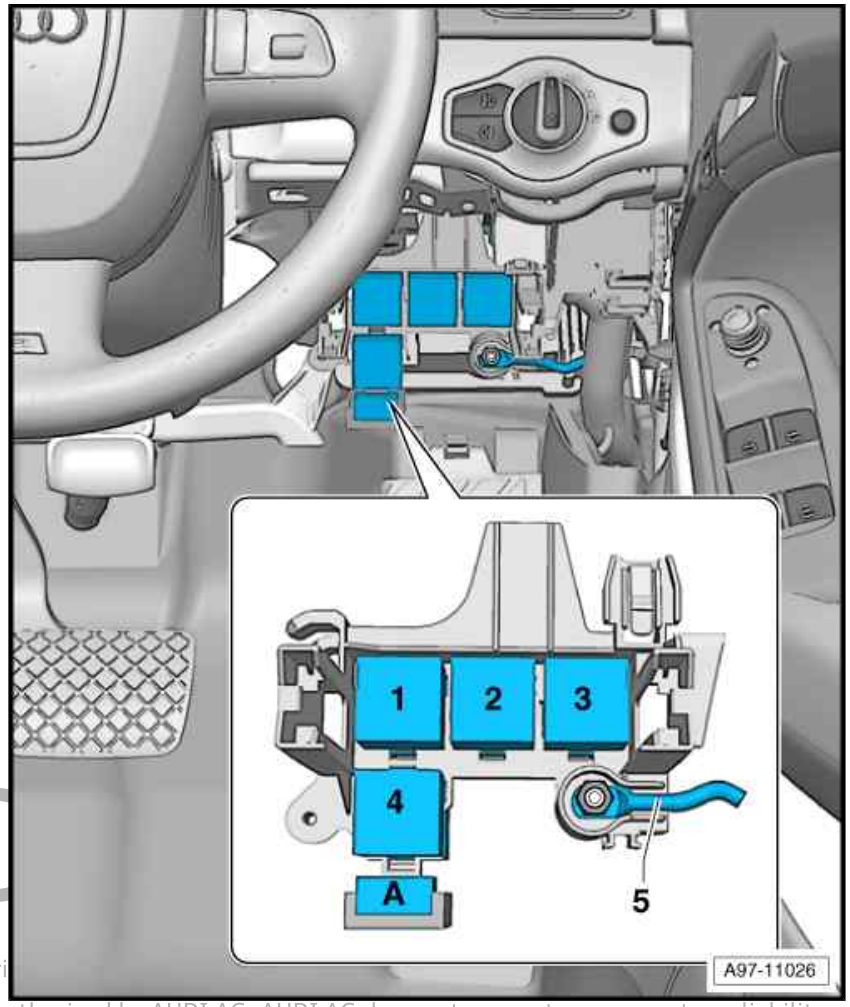
2 - Horn relay -J413-

2 - Relay for automatic anti-dazzle interior mirror -J910- 8)

3 - Terminal 15 voltage supply relay -J329- 5)

4 - Control unit for taxi alarm remote control -J601- 7)

4 - Special vehicle control unit -J608- 7)



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1.3 3-pin relay/fuse holder

Fitting location, 3-pin relay/fuse holder for left-hand drive models:

Below the dash panel on driver side, on relay/fuse holder with onboard supply control unit -J519- and screw connection.

Note

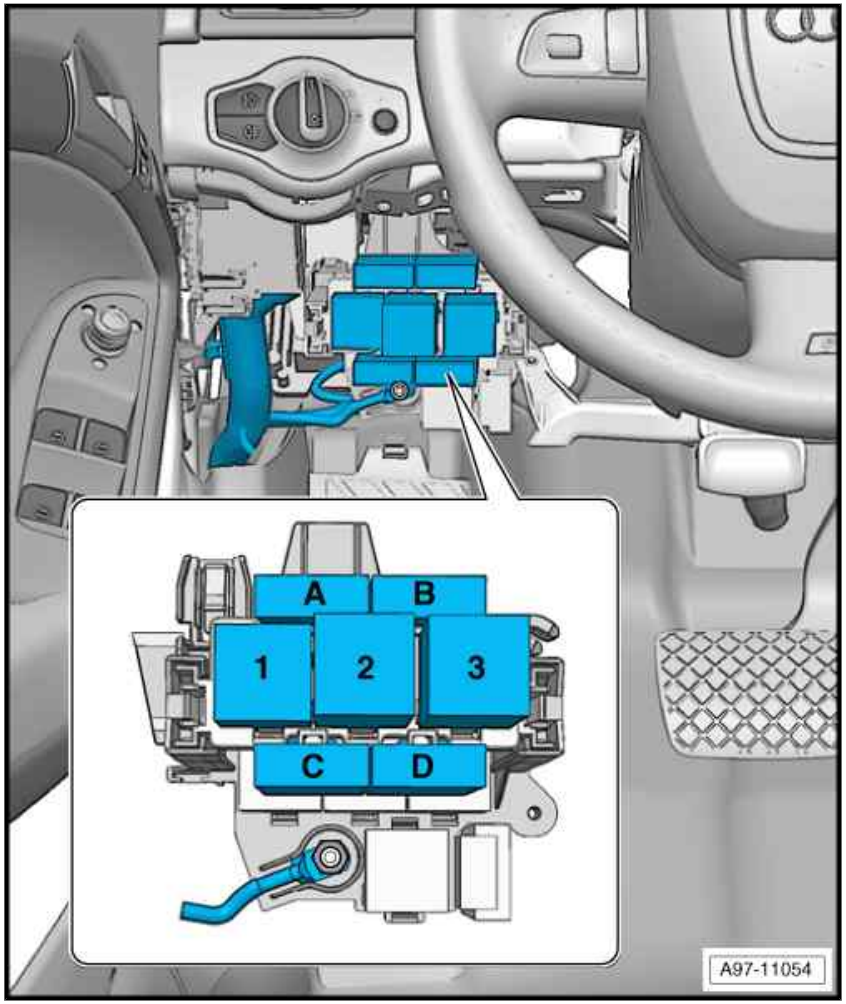
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 7 .*

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1 - Auxiliary air heater control unit -J604-

2 - Low heat output relay -J359-

3 - High heat output relay -J360-



Fitting location, 3-pin relay/fuse holder for right-hand drive models:

Below the dash panel on driver side, on relay/fuse holder with onboard supply control unit -J519- and screw connection.

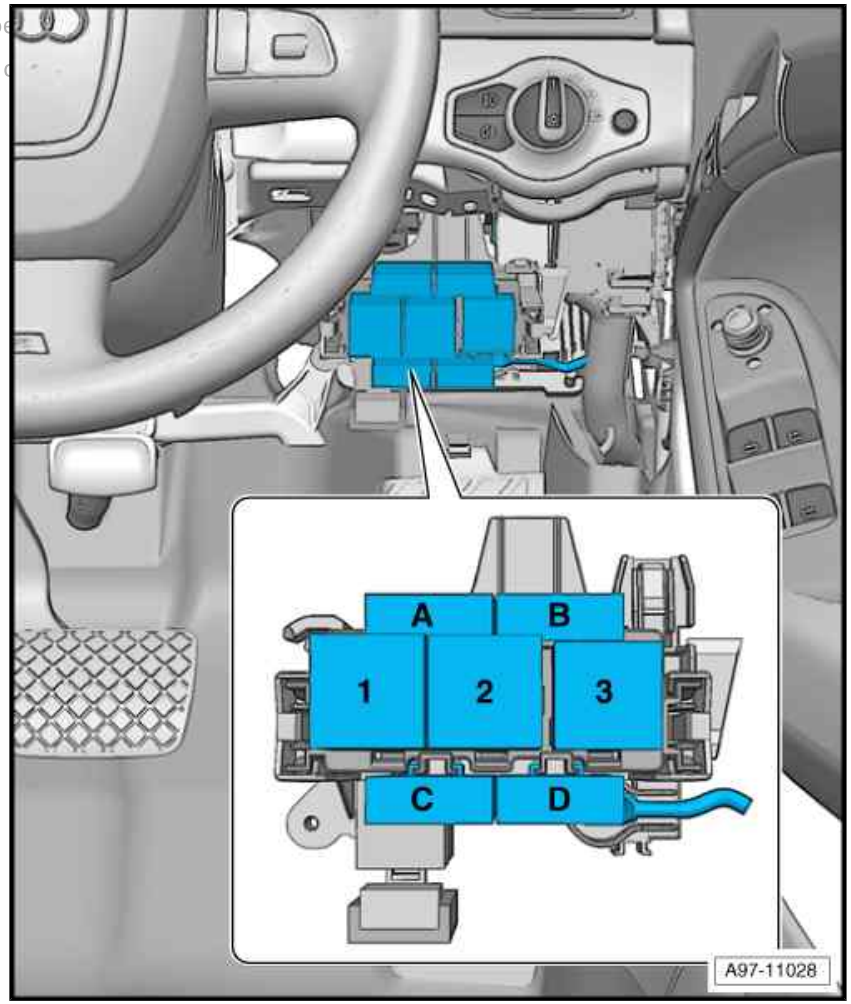
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Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 6*

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1 - Auxiliary air heater control unit -J604-
2 - Low heat output relay -J359-
3 - High heat output relay -J360-



1.4 Relay/ fuse holder B -SB-

Location, relay/ fuse holder B -SB- for left-hand drive models:

In electronics box in plenum chamber, driver side.

9) For models with diesel engine only

10) For models with 4-cylinder petrol engine only

11) For models with 6-cylinder petrol engine only

12) For models with 8-cylinder petrol engine only

Note

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- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 10 .*
- *-SB14- to -SB17- in -ST1- for RS5 and models from August 2011 only.*

A - Automatic glow period control unit -J179- [9)]

A - Engine component current supply relay -J757- [10)], [11)]

B - Starter motor relay -J53-

- ❑ Position 2.1

B - Starter motor relay 2 -J695-

- ❑ Position 2.2

C - Secondary air pump relay -J299- [11)], [12)]

D - Terminal 30 voltage supply relay -J317- [9)]

D - Engine component current supply relay -J271- [10)], [11)], [12)]

E - Fuel pump relay -J17- [9)]

E - Relay for supplementary fuel pump -J832- [9)]

E - Continued coolant circulation relay -J151- [10)], [12)]

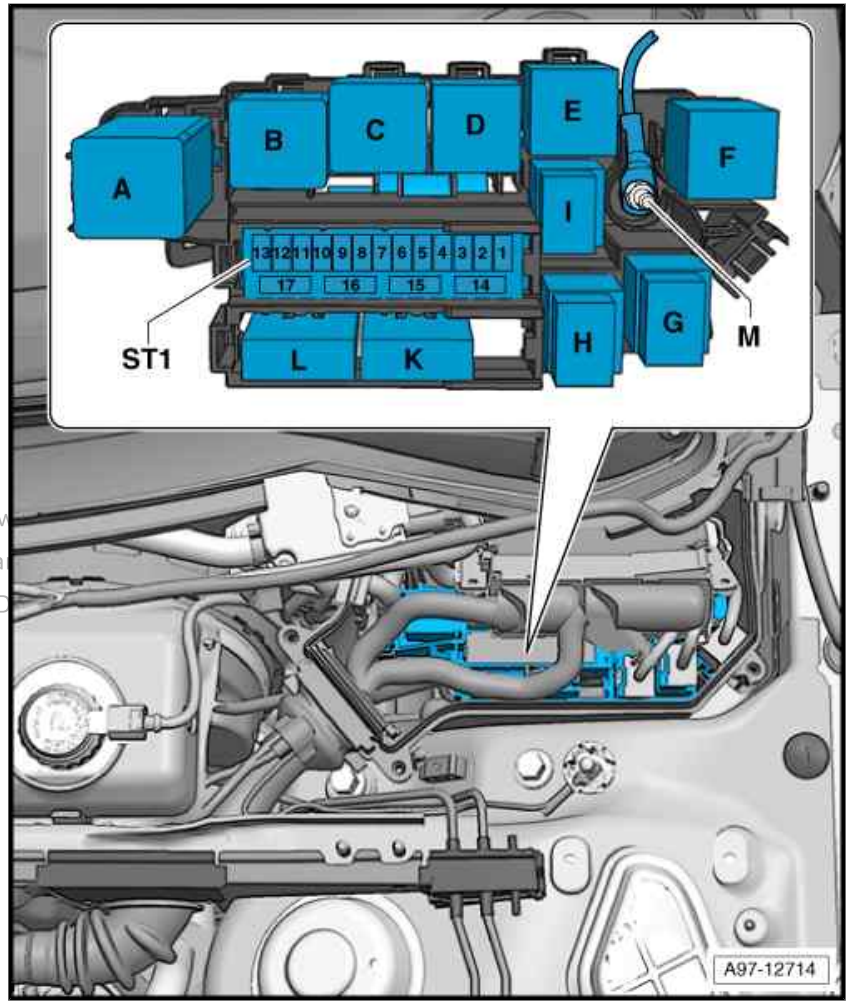
E - Additional coolant pump relay -J496- [11)]

E - Brake servo relay -J569- , [12)]

E - Gearbox cooling circuit relay -J696- [9)]

F - Secondary air pump relay 2 -J545- , [12)]

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Location, relay/ fuse holder B -SB- for right-hand drive models:

In electronics box in plenum chamber, driver side.

13) For models with diesel engine only

14) For models with 4-cylinder petrol engine only

15) For models with 6-cylinder petrol engine only

16) For models with 8-cylinder petrol engine only

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 9*
- *-SB14- to -SB17- in -ST1- for RS5 and models from August 2011 only.*

A - Automatic glow period control unit -J179- [13]

A - Engine component current supply relay -J757- [14], [15]

B - Starter motor relay -J53-

❑ Position 2.1

B - Starter motor relay 2 -J695-

❑ Position 2.2

C - Secondary air pump relay -J299- [15], [16]

D - Terminal 30 voltage supply relay -J317- [13]

D - Engine component current supply relay -J271- [14], [15], [16]

E - Fuel pump relay -J17- [13]

E - Relay for supplementary fuel pump -J832- [13]

E - Continued coolant circulation relay -J151- [14],[16]

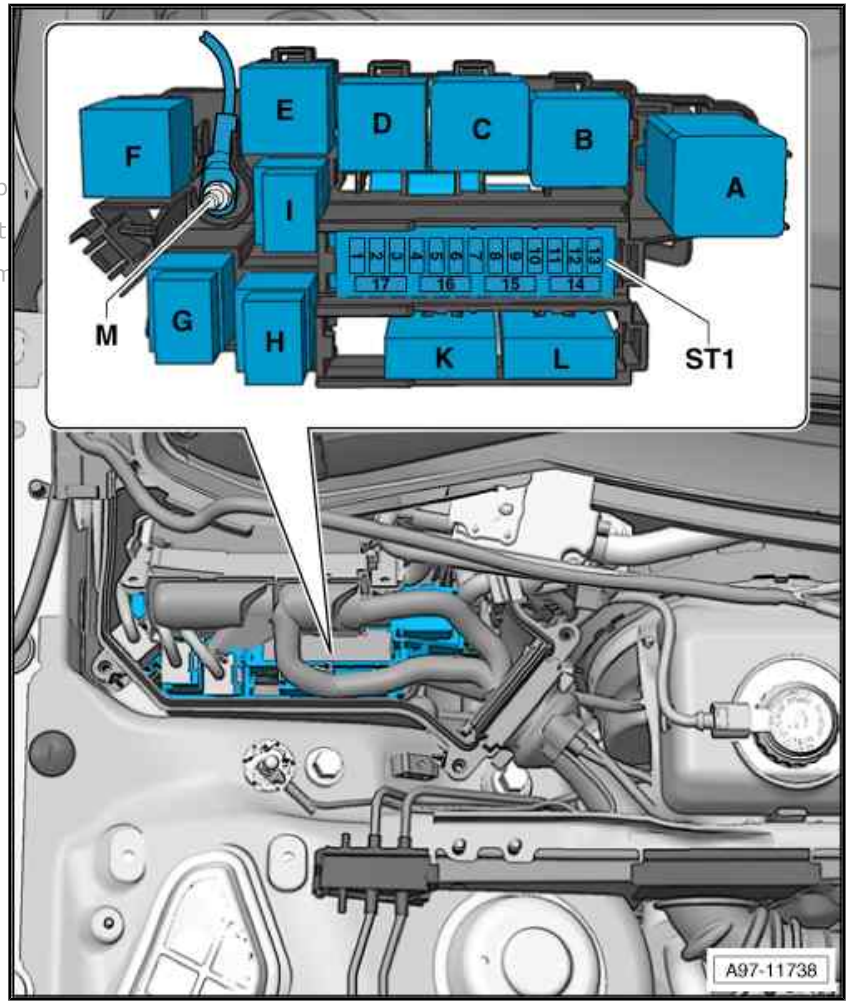
E - Additional coolant pump relay -J496- [15]

E - Brake servo relay -J569- , [16]

E - Gearbox cooling circuit relay -J696- [13]

F - Secondary air pump relay 2 -J545- , [16]

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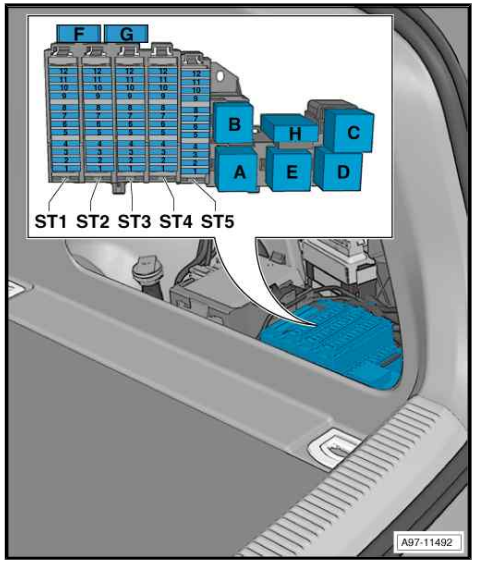
1.5 Relay/ fuse holder F -SF- up to July 2011

Location, relay/ fuse holder F -SF- up to July 2011:

In luggage compartment, behind side trim on right.

17) Location applicable up to August 2007, from September 2007 ⇒ page 3

18) For special vehicles only



Position of relays, coupe models (2-door):

A - Not assigned

B - Two-way radio voltage relay -J84- 18)

C - Heated rear window relay -J9-

D - Terminal 15 voltage supply relay -J329- 17)

E - Relay for power sockets -J807-

Position of relays, sportback models (5-door):

A - Heated rear window relay -J9-

B - Two-way radio voltage relay -J84- 18)

C - Not assigned

D - Not assigned

E - Relay for power sockets -J807-

1.6 Relay/ fuse holder F -SF- from August 2011

Location, relay/ fuse holder F -SF- from August 2011:

In luggage compartment, behind side trim on right.

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Position of relays, coupe models (2-door):

A - Not assigned

B - Relay for reducing agent metering system -J963-

C - Not assigned

D - Heated rear window relay -J9-

E - Relay for power sockets -J807-

Position of relays, sportback models (5-door):

A - Heated rear window relay -J9-

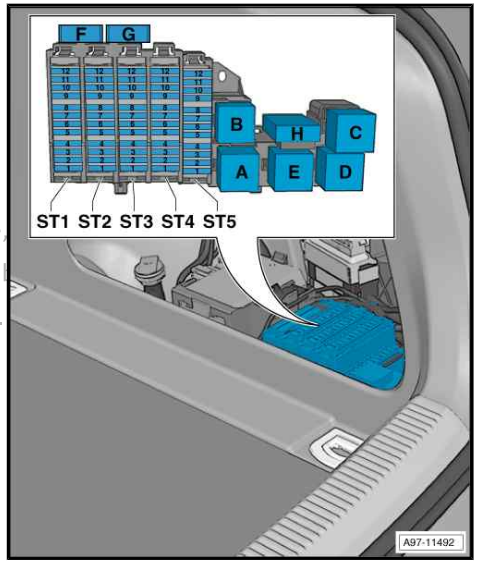
B - Relay for reducing agent metering system -J963-

C - Not assigned

D - Not assigned

E - Relay for power sockets -J807-

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1 Control units in front part of vehicle

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1.1 Overview of control units

Note:

Overview also valid for sportback models (5-door)!

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1 - Right gas discharge light control unit -J344-

- Location and connector, up to model year 2012: ⇒ page 10
- Location and connector, from model year 2013: ⇒ page 12

2 - Auxiliary heater control unit -J364-

- Location and connectors: ⇒ page 13

3 - Radiator fan control unit -J293- / Radiator fan -V7-

- Location and connectors for models with 400 W or 600 W radiator fan: ⇒ page 17
- Location and connectors for models with 800 W or 1000 W radiator fan: ⇒ page 19

3 - Radiator fan control unit 2 -J671- / radiator fan 2 -V177-

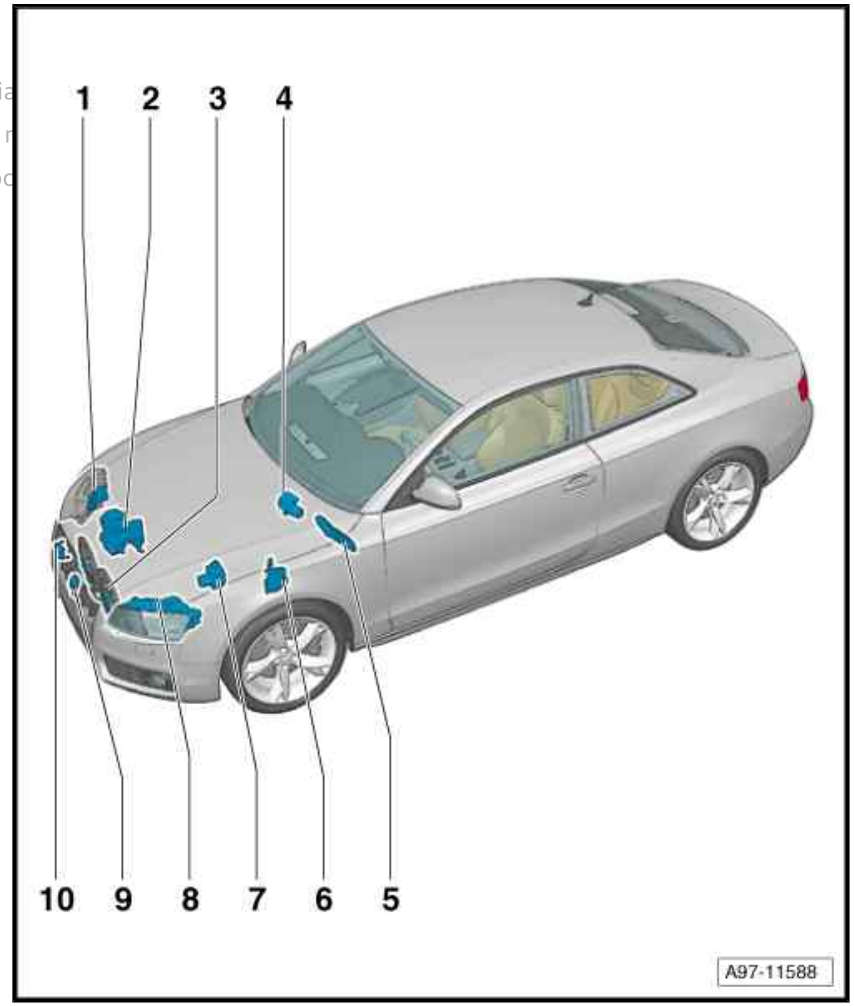
- Location and connectors for models with 800 W or 1000 W radiator fan: ⇒ page 19

4 - Wiper motor control unit -J400-

- Location and connector: ⇒ page 15

5 - Engine control unit -J623-

- Location and connectors for models with left-hand drive (with -T60- and -T94-): ⇒ page 3
- Location and connectors for models with right-hand drive (with -T60- and -T94-): ⇒ page 5
- Location and connectors for models with left-hand drive -T91- and -T105-): ⇒ page 6
- Location and connectors for models with right-hand drive (with -T91- and -T105-): ⇒ page 8



6 -
Automatic gearbox control unit -J217- / Mechatronics for dual clutch gearbox -J743-

- Location and connectors: ⇒ page 14

7 - ABS control unit -J104-

- Location and connector: ⇒ page 16

8 - Left gas discharge light control unit -J343-

- Location and connector, up to model year 2012: ⇒ page 9
- Location and connector, from model year 2013: ⇒ page 11

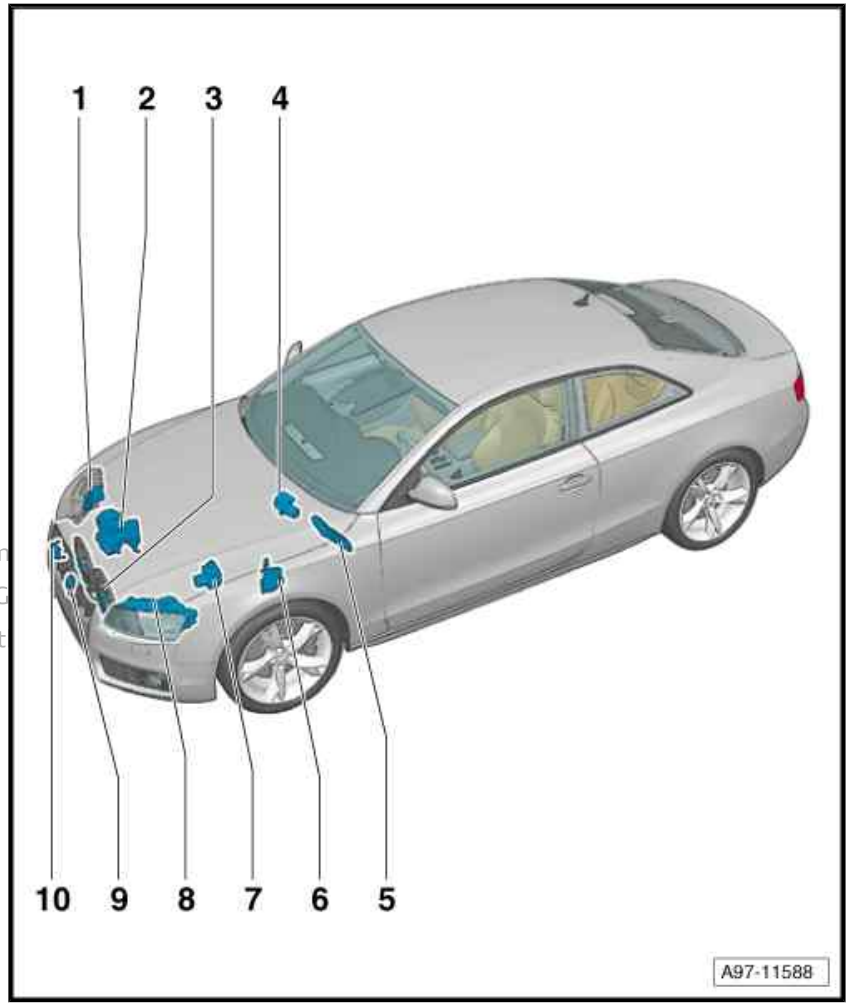
9 - Garage door operation control unit -J530-

- Location and connector: ⇒ page 20

10 - Adaptive cruise control unit -J428-

- Location and connector: ⇒ page 21

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1.2 Engine control unit -J623-

Location engine control unit -J623- for models with left-hand drive (with -T60- and -T94-):

In electronics box in plenum chamber, driver side

Note:

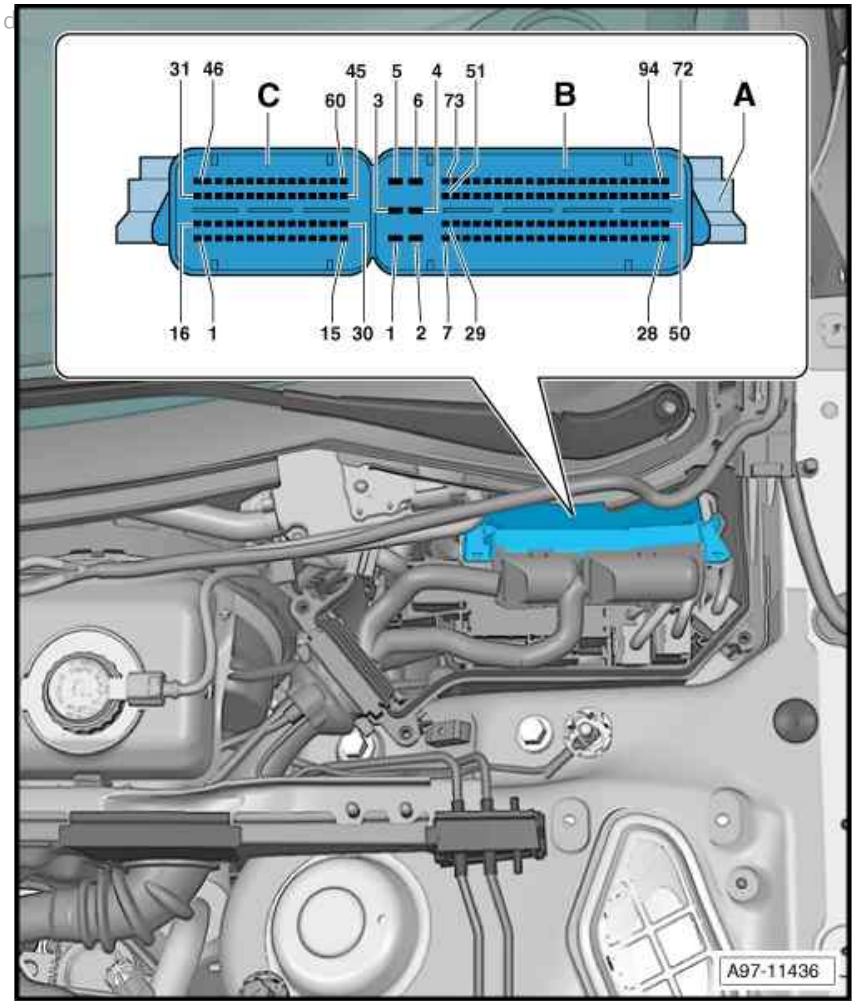
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models* ⇒ page 5 .

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A - Engine control unit -J623-

B - 94-pin connector -T94-

C - 60-pin connector -T60-



Location engine control unit -J623- for models with right-hand drive (with -T60- and -T94-):

In electronics box in plenum chamber, driver side

Note:

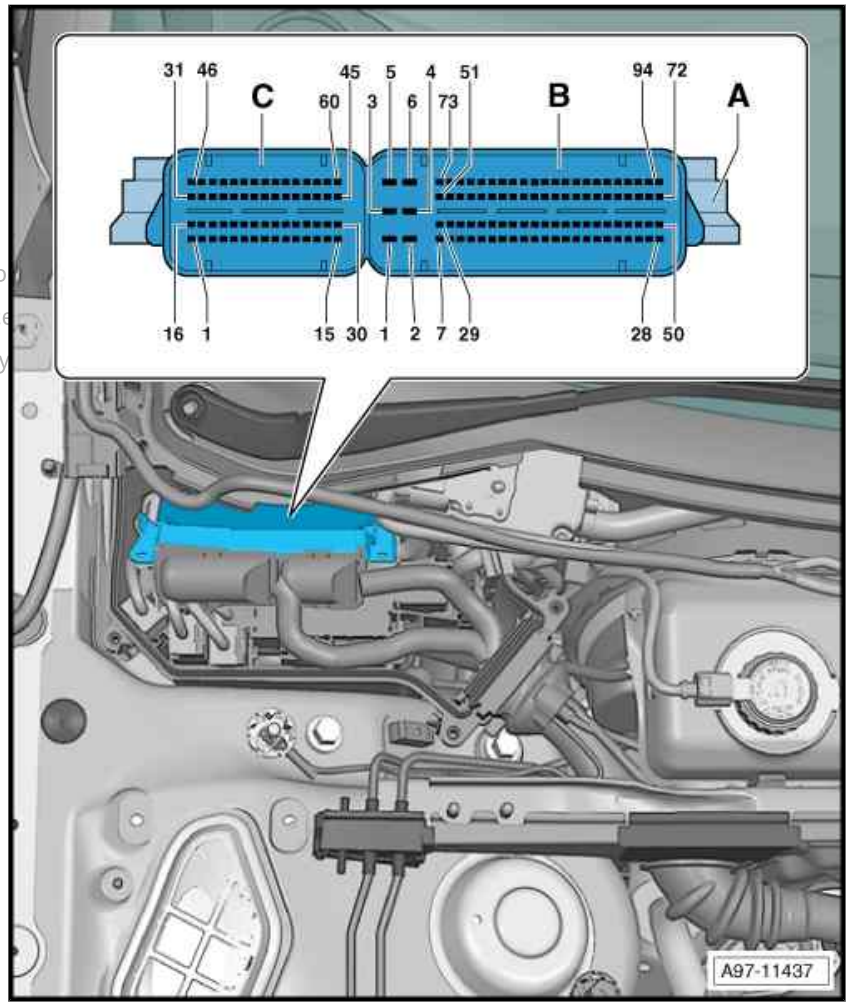
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive vehicles* *⇒ page 3*

A - Engine control unit -J623-

B - 94-pin connector -T94-

C - 60-pin connector -T60-

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Location engine control unit -J623- for models with left-hand drive (with -T91- and -T105-):

In electronics box in plenum chamber, driver side

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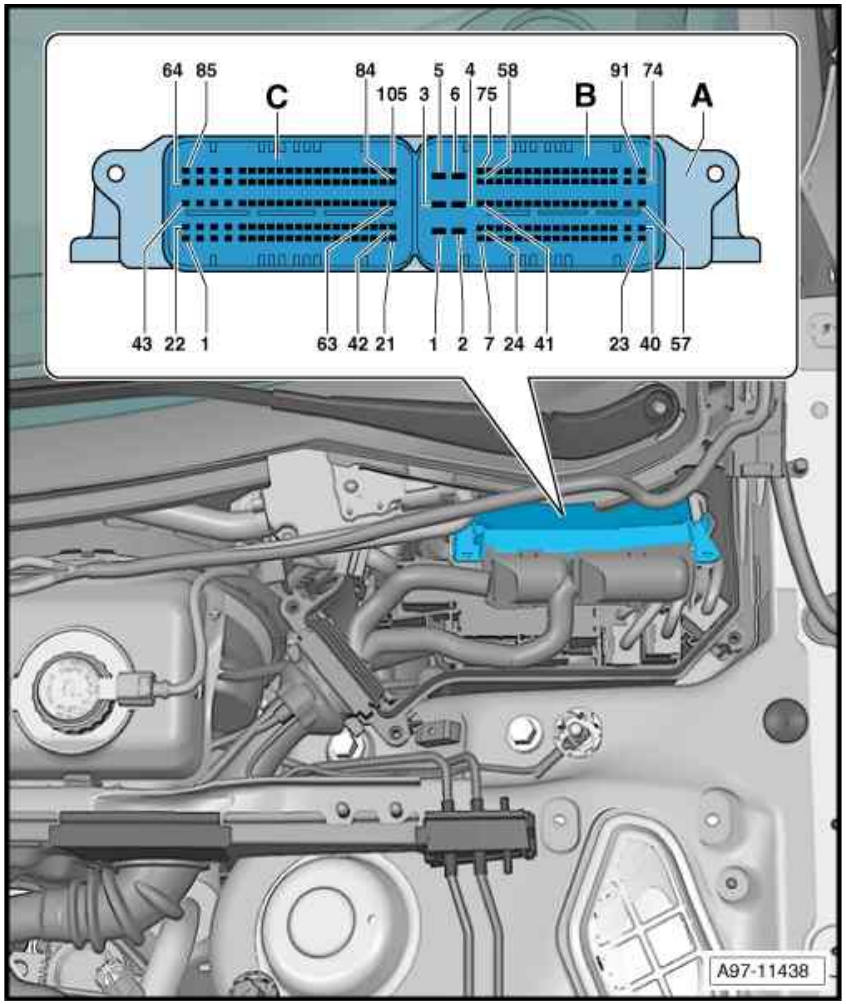
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models* ⇒ page 8 .

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A - Engine control unit -J623-

B - 91-pin connector -T91-

C - 105-pin connector -T105-



Location engine control unit -J623- for models with right-hand drive (with -T91- and -T105-):

In electronics box in plenum chamber, driver side

Note:

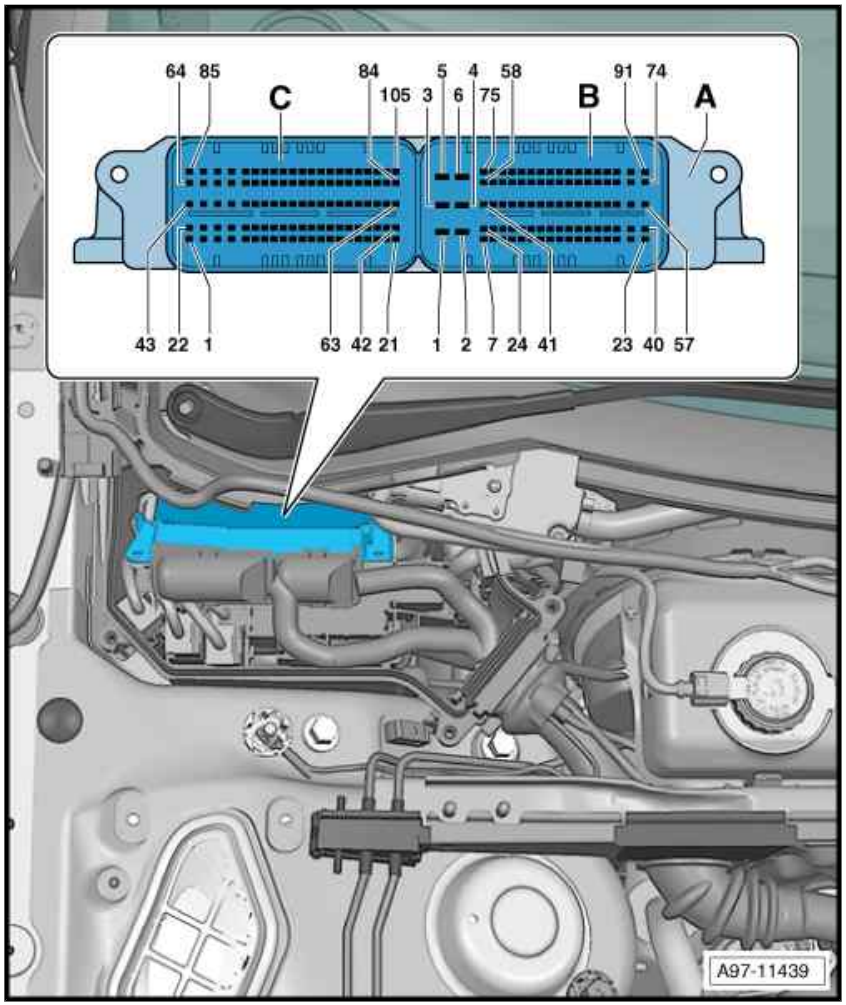
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 6 .*

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A - Engine control unit -J623-

B - 91-pin connector -T91-

C - 105-pin connector -T105-



1.3 Left gas discharge light control unit -J343- , up to model year 2012

Fitting location:

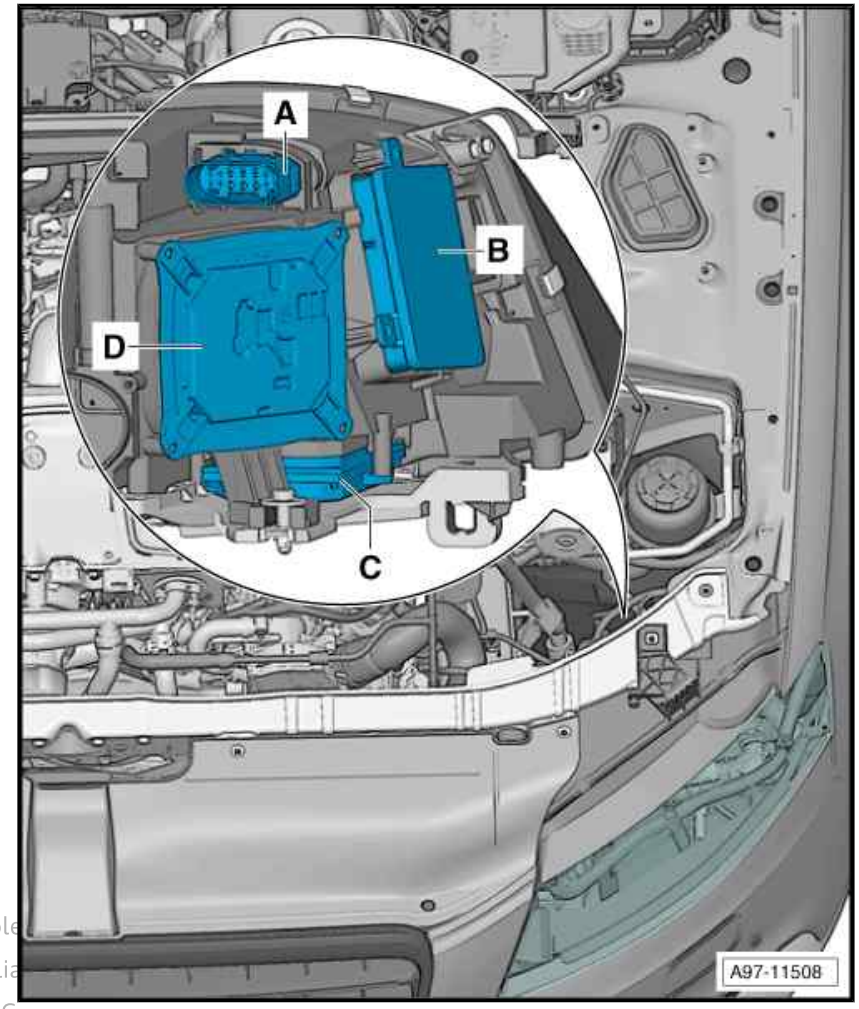
on left headlight.

A - 14-pin connector -T14a-

B - Left gas discharge light control unit -J343-

C - Power output module for left headlight -J667-

D - Left LED module for daytime running light and side light -L176-



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1.4 Right gas discharge light control unit -J344- , up to model year 2012

Fitting location:

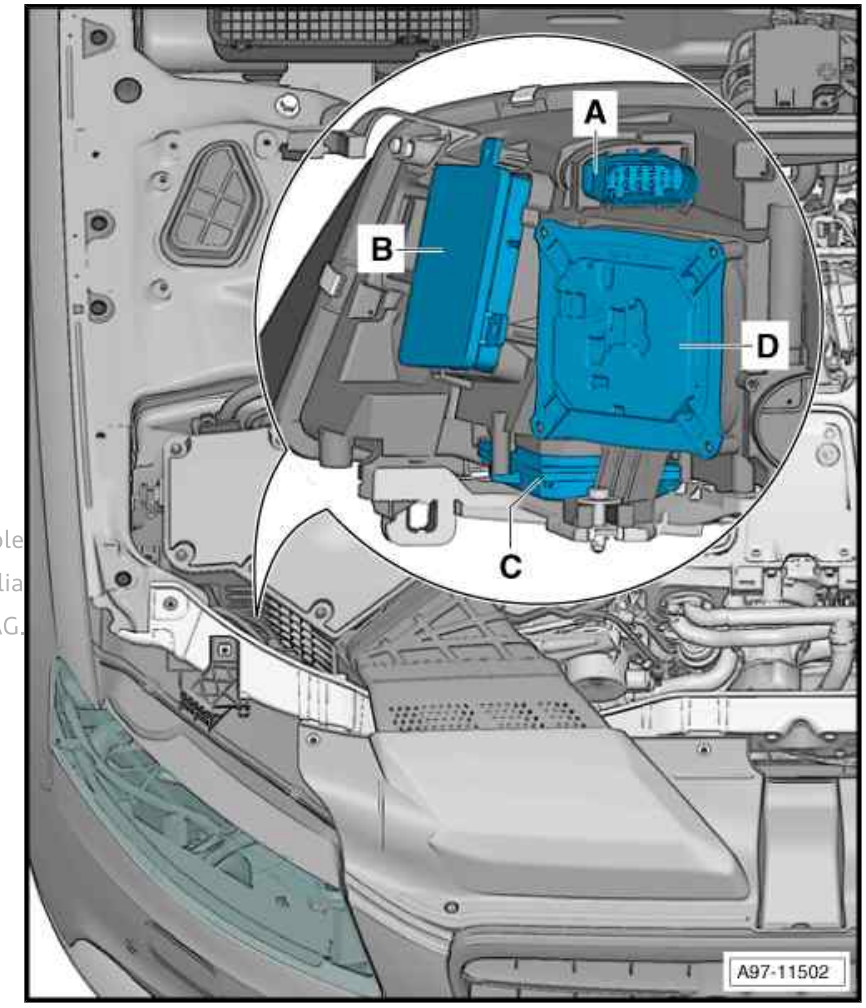
on right headlight.

A - 14-pin connector -T14b-

B - Right gas discharge light control unit -J344-

C - Power output module for right headlight -J668-

D - Right LED module for daytime running light and side light -L177-



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1.5 Left gas discharge light control unit -J343- , from model year 2013

Fitting location:

on left headlight.

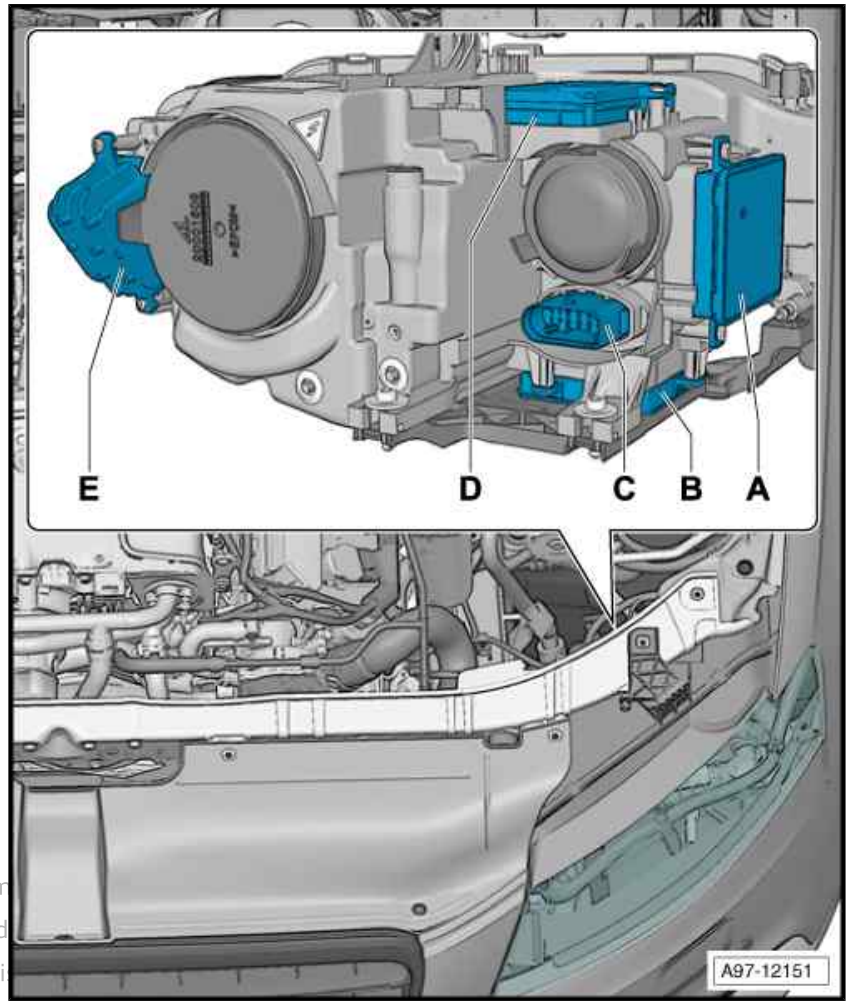
A - Left gas discharge light control unit -J343-

B - Control unit for left daytime running light and side light -J860- , Left LED module for daytime running light and side light -L176-

C - 14-pin connector -T14a-

D - Power output module for left headlight -J667-

E - Output module for left side marker light -J986-



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1.6 Right gas discharge light control unit -J344- , from model year 2013

Fitting location:

on right headlight.

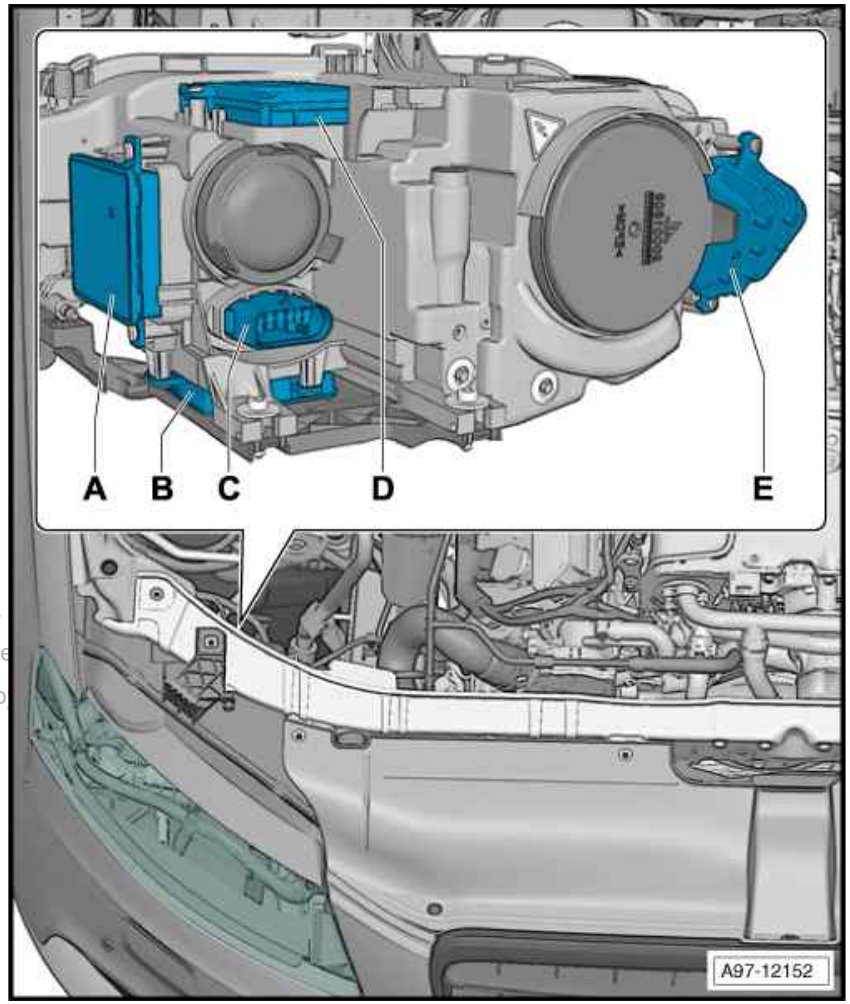
A - Right gas discharge light control unit -J344-

B - Control unit for right daytime running light and side light -J861- , Right LED module for daytime running light and side light -L177-

C - 14-pin connector -T14b-

D - Power output module for right headlight -J668-

E - Output module for right side marker light -J987-



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1.7 Auxiliary heater control unit -J364-

Fitting location:

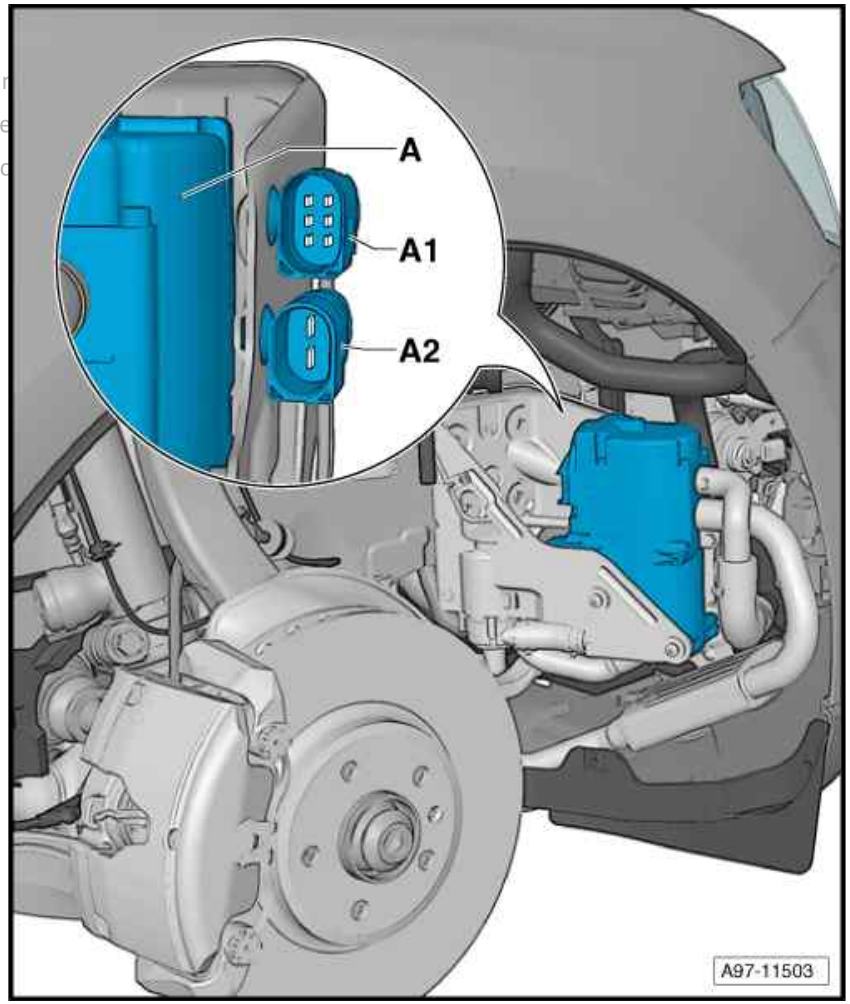
behind right wheel housing.

A - Auxiliary heater control unit -J364-

A1 - 6-pin connector -T6a-

A2 - 2-pin connector -T2ds-

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1.8 Automatic gearbox control unit -J217- / Mechatronics for dual clutch gearbox -J743-

Fitting location:

In gearbox housing.

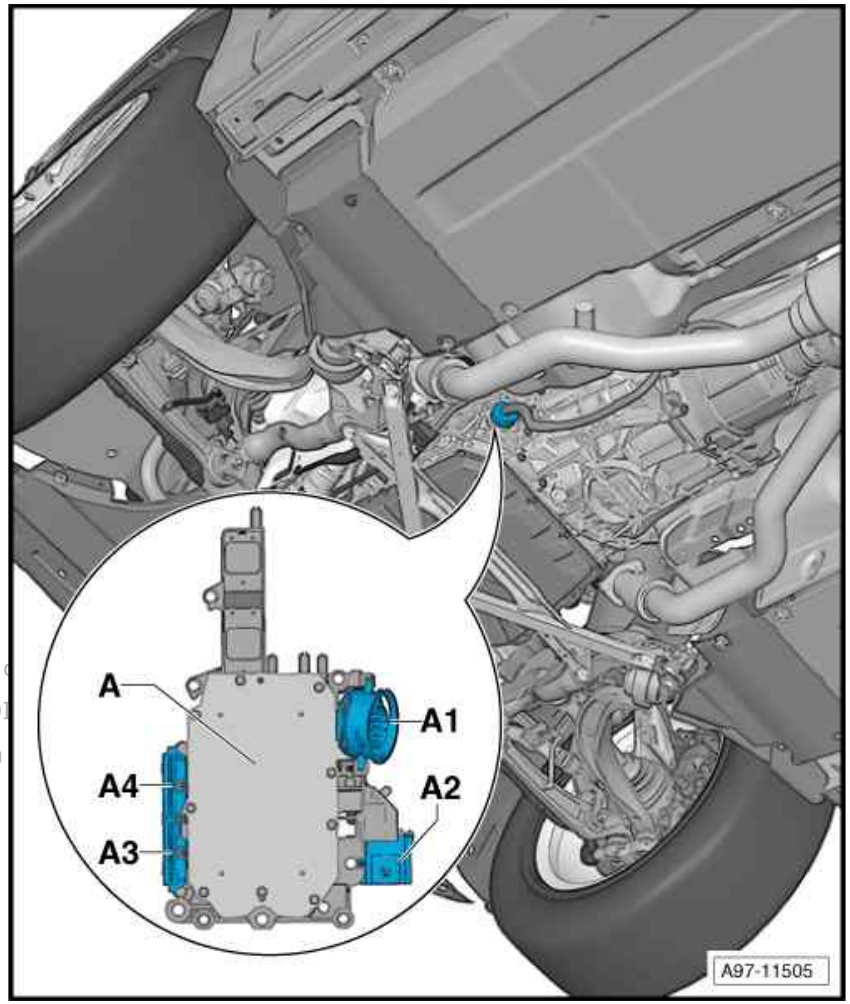
A - Automatic gearbox control unit -J217- / Mechatronics for dual clutch gearbox -J743-

A1 - 16-pin connector -T16r-

A2 - 8-pin connector -T8al-

A3 - 14-pin connector -T14h-

A4 - 14-pin connector -T14i-



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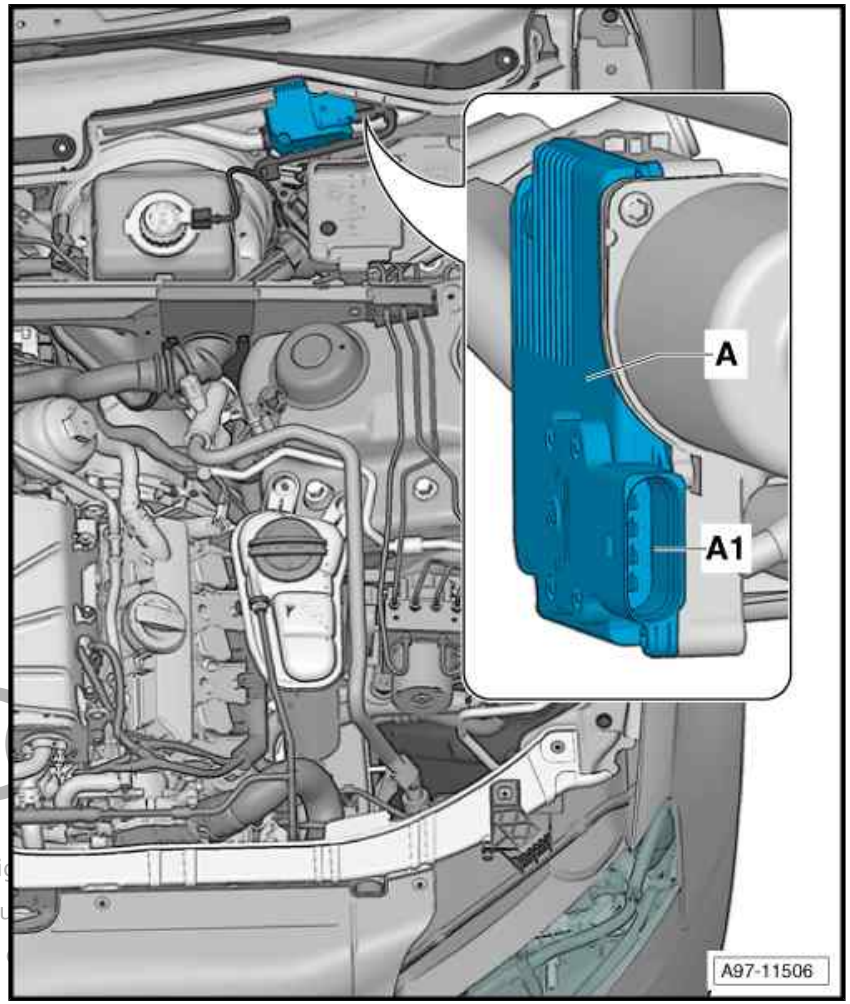
1.9 Wiper motor control unit -J400-

Fitting location:

in plenum chamber.

A - Wiper motor control unit -J400-

A1 - 4-pin connector -T4g-



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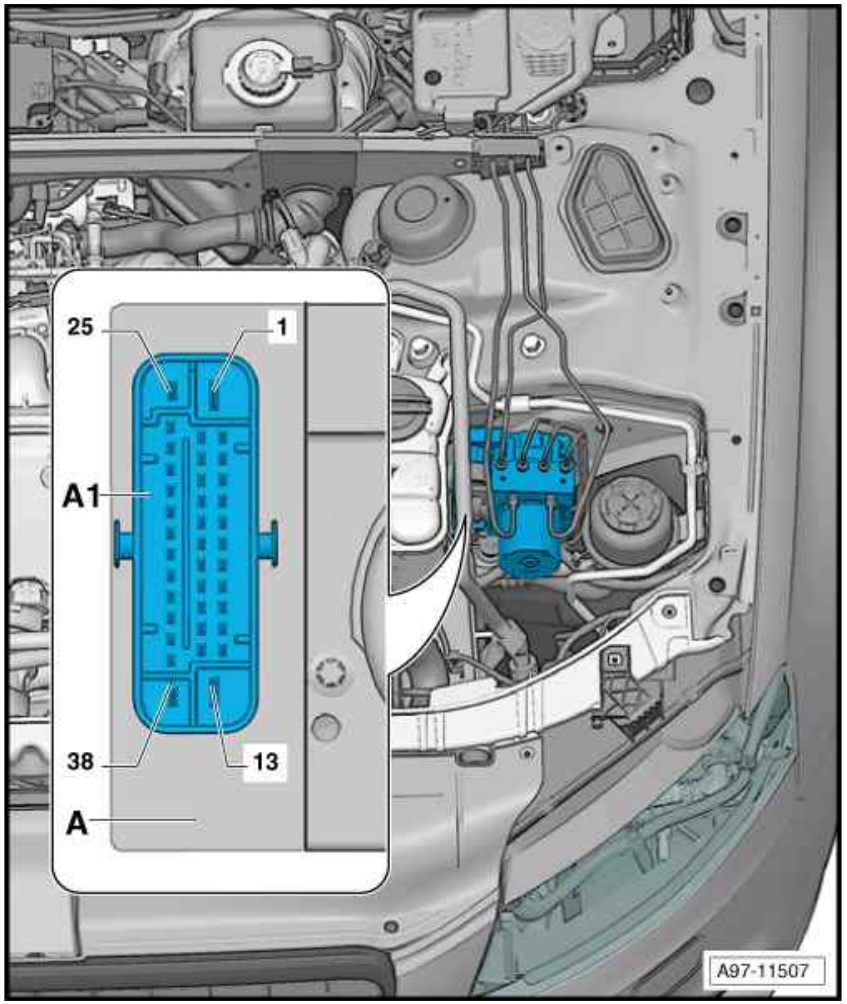
1.10 ABS control unit -J104-

Fitting location:

in left of engine compartment.

A - ABS control unit -J104-

A1 - 38-pin connector -T38a-



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1.11 400 W or 600 W radiator fan

Fitting location:

on radiator.

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Note:

Radiator fan 2 -V177- present depending on engine variant.

A - Radiator fan control unit -J293-

A1 - 4-pin connector, black -T4bi-

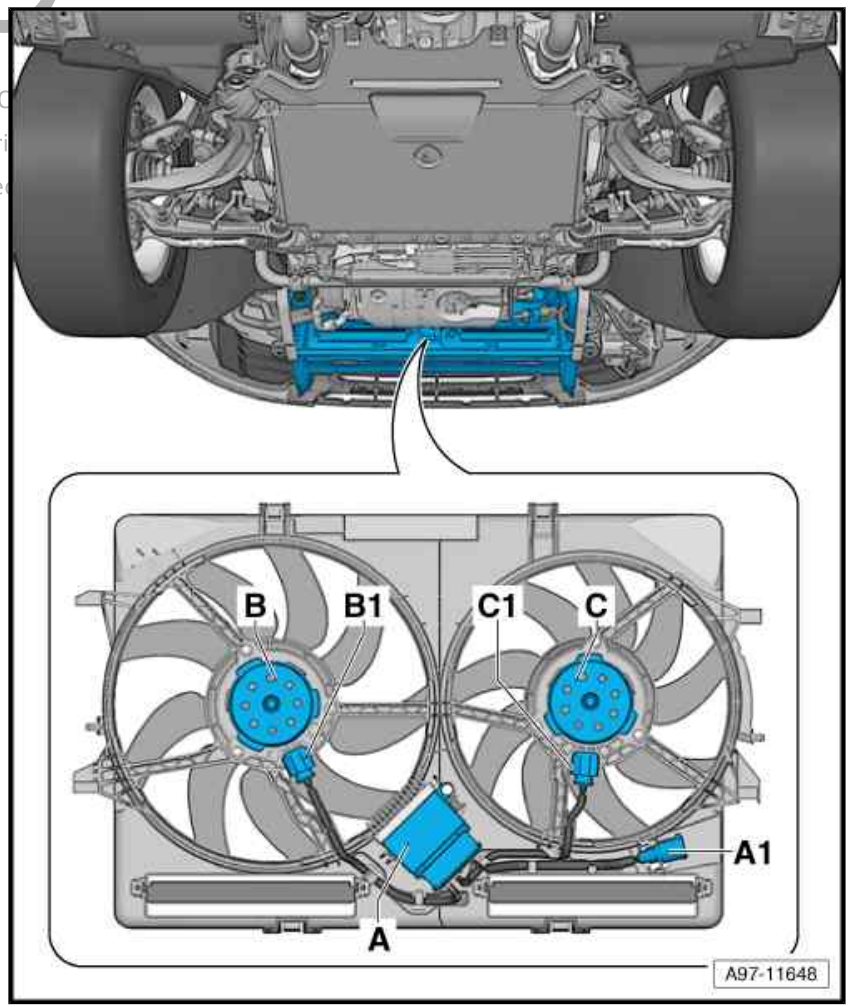
B - Radiator fan -V7-

B1 - 2-pin connector, black -T2kl-

C - Radiator fan 2 -V177-

C1 - 2-pin connector, black -T2km-

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1.12 800 W or 1000 W radiator fan

Fitting location:

on radiator.

A - Radiator fan control unit -J293-

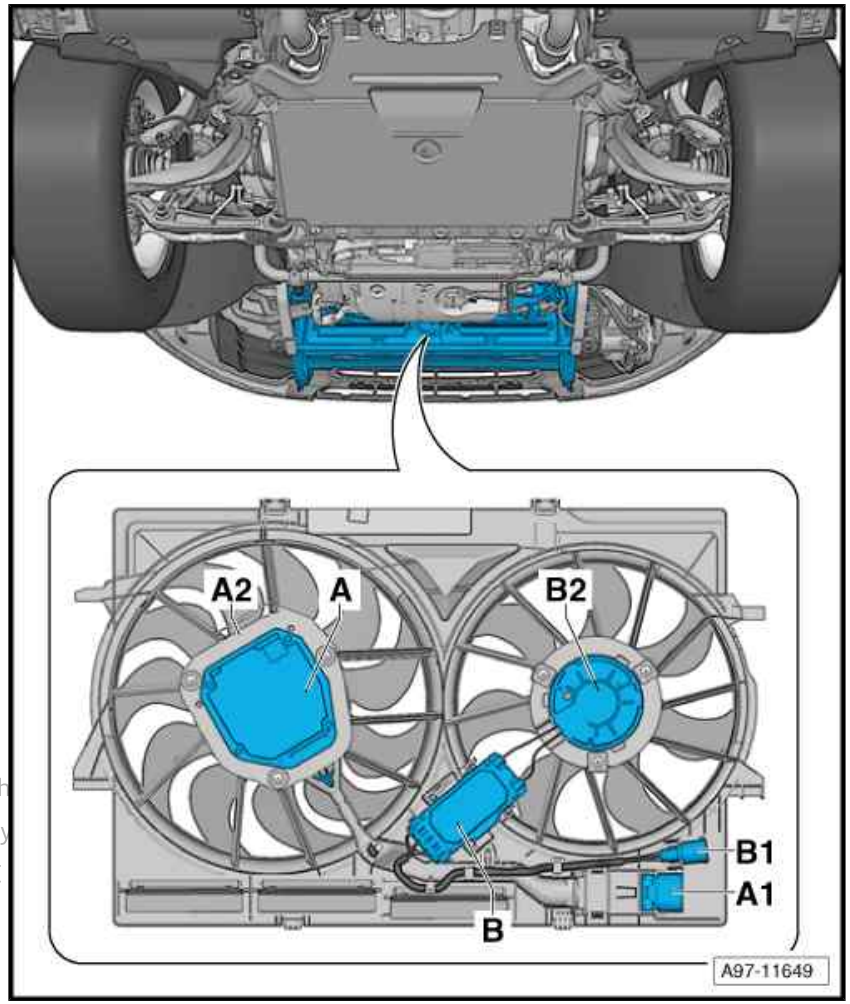
A1 - 4-pin connector -T4bm-

A2 - Radiator fan -V7-

B - Radiator fan control unit 2 -J671-

B1 - 4-pin connector -T4bl-

B2 - Radiator fan 2 -V177-



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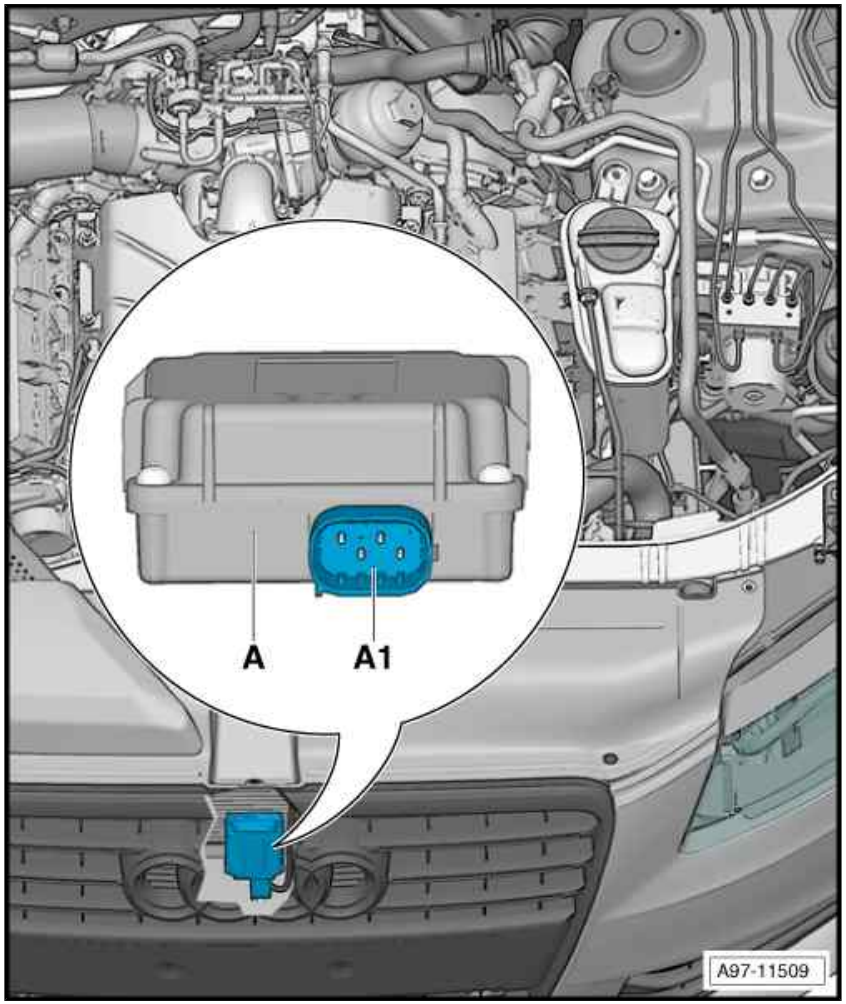
1.13 Garage door operation control unit -J530-

Fitting location:

at inner centre of radiator.

A - Garage door operation control unit -J530-

A1 - 4-pin connector -T4a-



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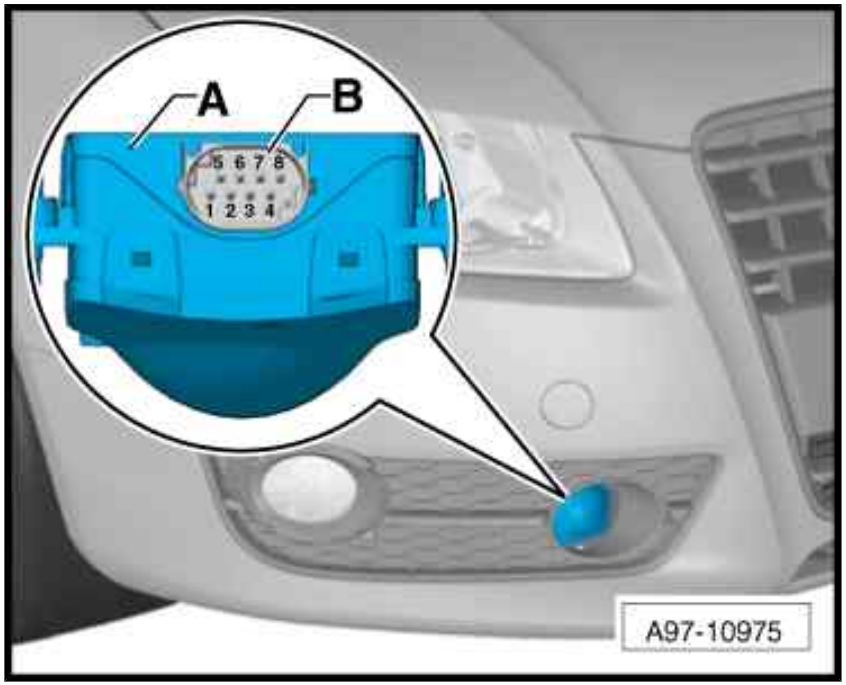
1.14 Adaptive cruise control unit -J428-

Fitting location:

In front bumper grill cover on right.

A - Adaptive cruise control unit -J428-

B - 8-pin connector, black -T8a-



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1 Control units in interior and rear part of vehicle

1.1 Overview of control units in interior of vehicle - coupe models (2-door)

1 - Control unit for headlight range control -J431-
- Fitting location and connectors: ⇒ page 13
- Overview of sportback models (5-door): ⇒ Item 1 (page 5)

1 - Control unit for cornering light and headlight range control -J745-
- Fitting location and connectors: ⇒ page 13
- Overview of sportback models (5-door): ⇒ Item 1 (page 5)

2 - Fresh air blower control unit -J126-
- Fitting location and connector: ⇒ page 14
- Overview of sportback models (5-door): ⇒ Item 2 (page 5)

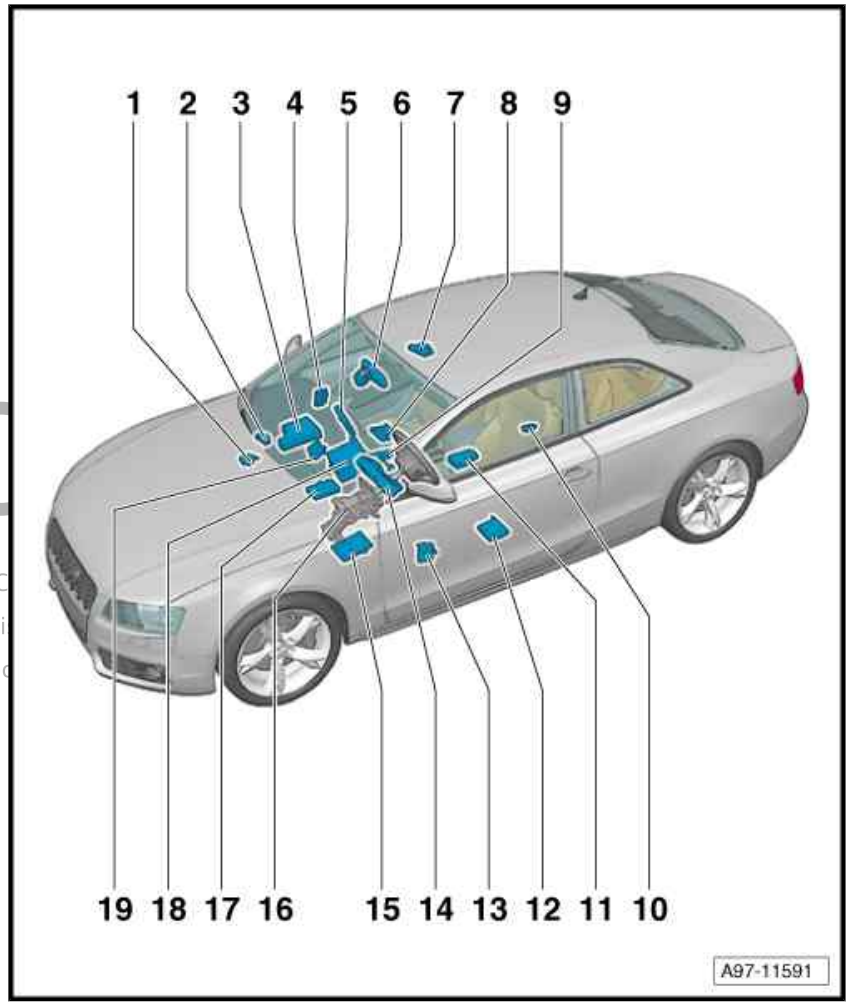
3 - CD changer -R41- / DVD changer -R161-
- for models with MMI
- Fitting location and connectors: ⇒ page 25
- for models without MMI: ⇒ Item 18 (page 4)
- Overview of sportback models (5-door) ⇒ Item 3 (page 5)

3 - Chip card reader control unit -J676-
- Fitting location and connector: ⇒ page 26

3 - Control unit for front information display and operating unit -J523-
- Location: behind glove compartment
- for models with MMI: ⇒ Item 18 (page 4)

4 - Front passenger door control unit -J387-
- Fitting location: ⇒ page 15
- Connectors: ⇒ page 17
- Overview of sportback models (5-door): ⇒ Item 4 (page 5)

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5 - Display unit for front information display and operating unit control unit -J685-

- Fitting location and connectors: ⇒ page 27
- Overview of sportback models (5-door): ⇒ Item 5 (page 5)

6 - Automatic anti-dazzle interior mirror -Y7- with rain and light sensor -G397-

- Fitting location: ⇒ page 18
- Overview of sportback models (5-door): ⇒ Item 6 (page 5)

7 - Sliding sunroof adjustment control unit -J245- with sliding sunroof motor -V1-

- Fitting location and connector: ⇒ page 20
- Overview of sportback models (5-door): ⇒ Item 7 (page 5)

8 - Front passenger seat adjustment with memory control unit -J521-

- Location: under front passenger seat
- Overview of sportback models (5-door): ⇒ Item 8 (page 5)

8 - Telephone transmitter and receiver unit -R36-

- Fitting location and connectors: ⇒ page 33
- Overview of sportback models (5-door): ⇒ Item 8 (page 5)

9 - Multimedia system operating unit -E380-

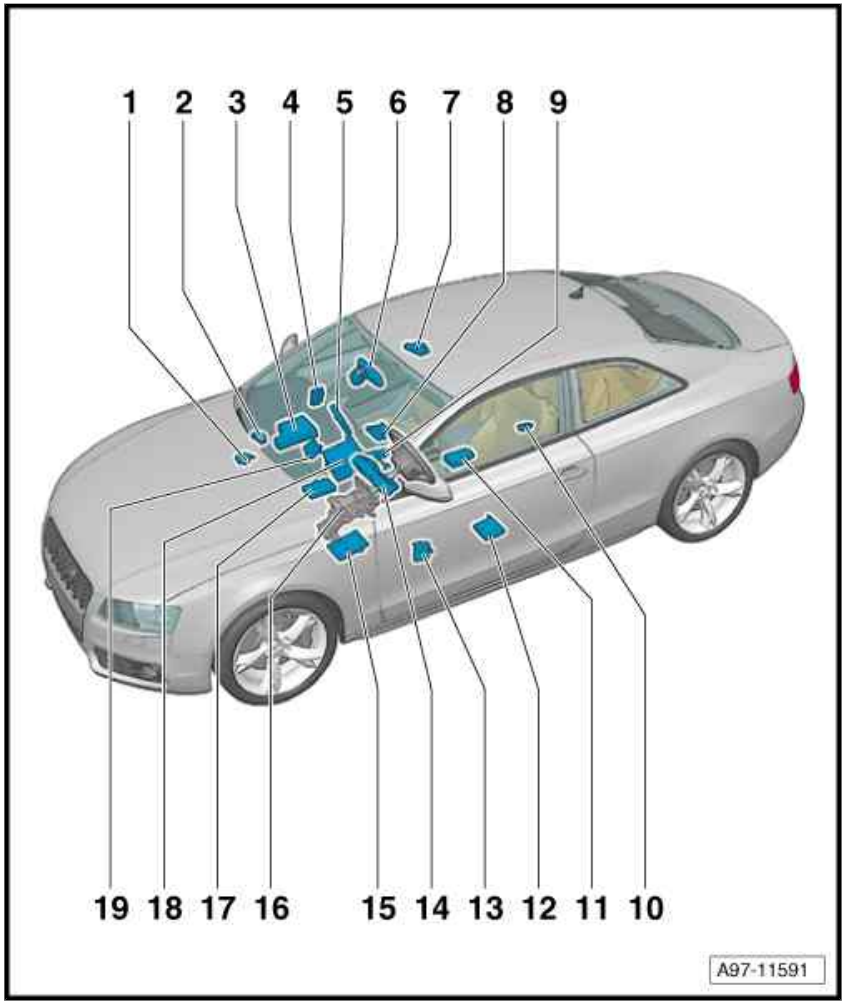
- Fitting location and connector: ⇒ page 30
- Overview of sportback models (5-door): ⇒ Item 10 (page 6)

10 - Fuel pump control unit -J538-

- Location: under rear seat bench
- Overview of sportback models (5-door): ⇒ Item 12 (page 6)

11 - Airbag control unit -J234-

- Fitting location and connector: ⇒ page 32
- Overview of sportback models (5-door): ⇒ Item 13 (page 6)



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12 - Control unit for seat adjustment and steering column adjustment with memory function -J136-

- Fitting location: under driver seat
- Overview of sportback models (5-door): ⇒ Item 14 (page 6)

12 - Active steering control unit -J792-

- Fitting location and connectors: ⇒ page 23
- Overview of sportback models (5-door): ⇒ Item 14 (page 6)

13 - Driver door control unit -J386-

- Fitting location: ⇒ page 15
- Connectors: ⇒ page 15
- Overview of sportback models (5-door): ⇒ Item 15 (page 6)

14 - Control unit in dash panel insert -J285-

- Fitting location and connector: ⇒ page 36
- Overview of sportback models (5-door) ⇒ Item 16 (page 6)

15 - 16-pin connector, diagnostic connection -T16-

- Fitting location: ⇒ page 34
- Overview of sportback models (5-door): ⇒ Item 17 (page 6)

15 - Onboard supply control unit -J519-

- Fitting location and connectors for models with left-hand drive: ⇒ page 20
- Fitting location and connectors for models with right-hand drive: ⇒ page 22
- Overview of sportback models (5-door): ⇒ Item 17 (page 6)

16 - Steering column electronics control unit -J527-

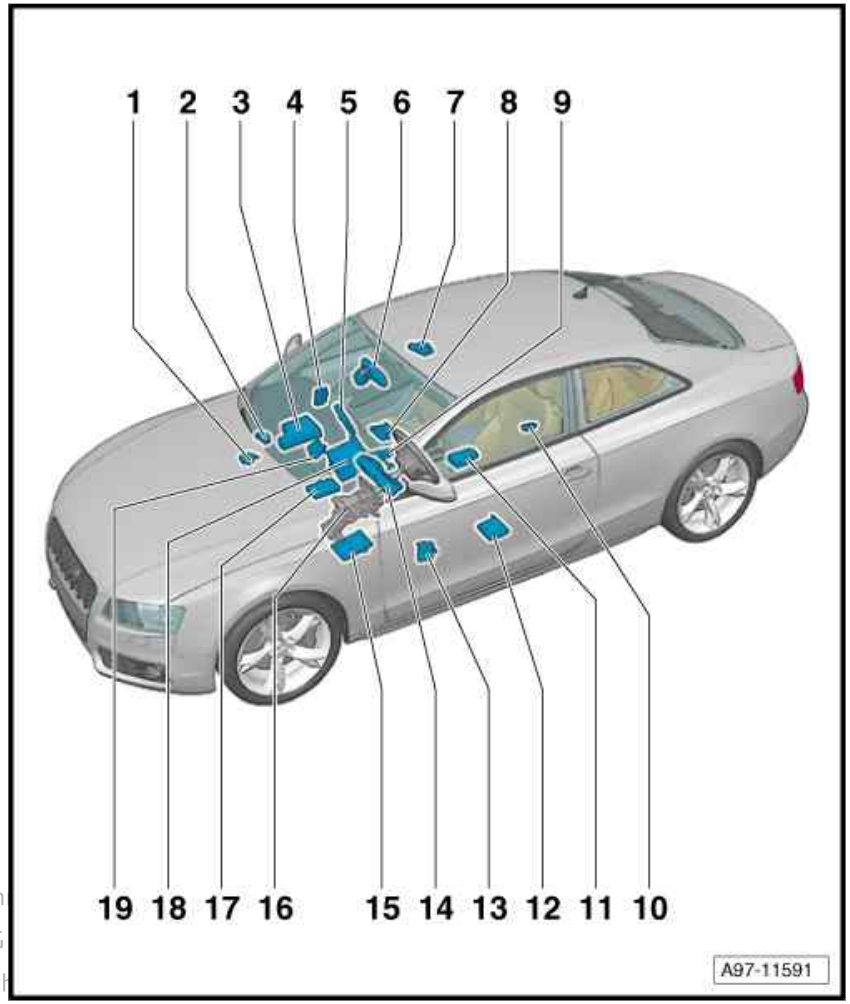
- Location: on steering column
- Overview of sportback models (5-door): ⇒ Item 18 (page 6)

16 - ESL control unit -J764-

- Location: on steering column
- Overview of sportback models (5-door): ⇒ Item 18 (page 6)

16 - Multifunction steering wheel control unit -J453-

- Location: on steering column
- Overview of sportback models (5-door): ⇒ Item 18 (page 7)



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17 - Climatronic control unit -J255-

- Fitting location and connectors: ⇒ page 31
- Overview of sportback models (5-door): ⇒ Item 19 (page 7)

18 - Control unit for front information display and operating unit -J523-

- Location: in middle part dash panel

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18 - Control unit for information electronics 1 -J794-

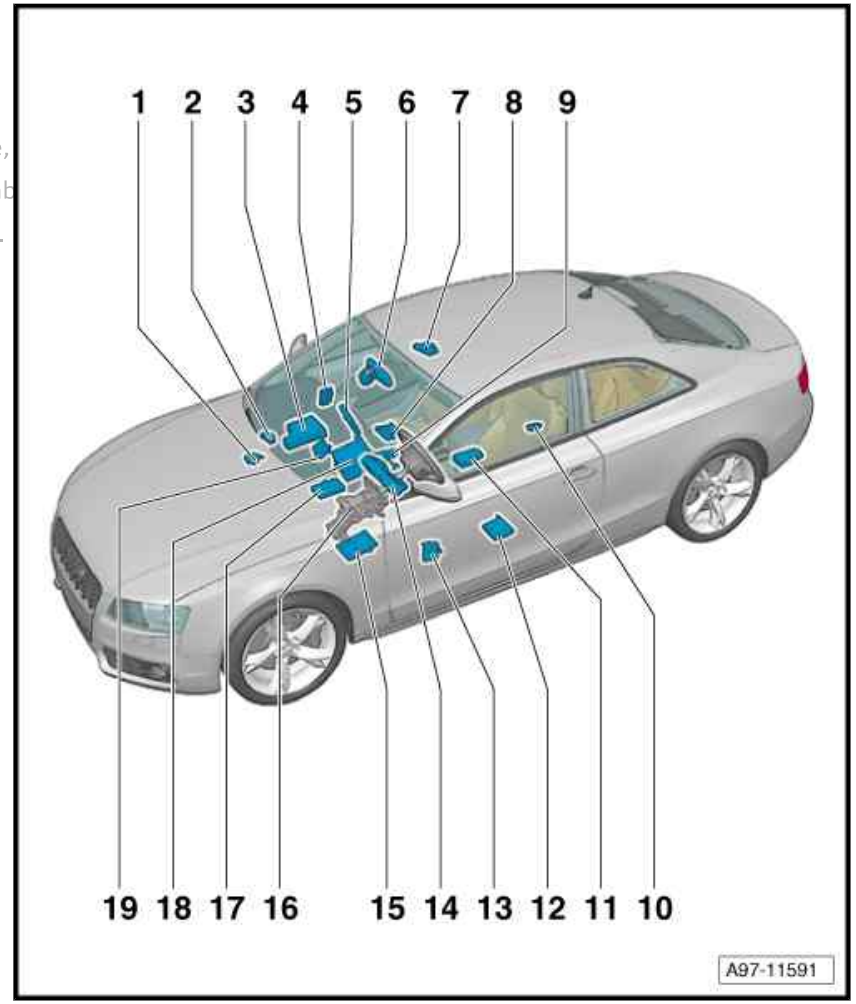
- for models with MMI
- Fitting location and connectors: ⇒ page 29
- Overview of sportback models (5-door): ⇒ Item 20 (page 7)

18 - Radio -R- (with integrated CD changer -R41- / DVD changer -R161-)

- for models without MMI
- Fitting location and connectors: ⇒ page 24
- for models with MMI: ⇒ Item 3 (page 9)
- Overview of sportback models (5-door): ⇒ Item 20 (page 7)

19 - Data bus diagnostic interface -J533-

- Fitting location and connector: ⇒ page 35
- Overview of sportback models (5-door): ⇒ Item 21 (page 7)



1.2 Overview of control units in interior of vehicle - sportback models (5-door)

1 - Control unit for headlight range control -J431-
- ❑ Fitting location and connectors: ⇒ page 13

1 - Control unit for cornering light and headlight range control -J745-
- ❑ Fitting location and connectors: ⇒ page 13

2 - Fresh air blower control unit -J126-
- ❑ Fitting location and connector: ⇒ page 14

3 - CD changer -R41- / DVD changer -R161-
- ❑ for models with MMI
- ❑ Fitting location and connectors: ⇒ page 25
- ❑ for models without MMI: ⇒ Item 20 (page 7)

4 - Front passenger door control unit -J387-
- ❑ Fitting location: ⇒ page 15
- ❑ Connectors: ⇒ page 17

5 - Display unit for front information display and operating unit control unit -J685-
- ❑ Fitting location and connectors: ⇒ page 27

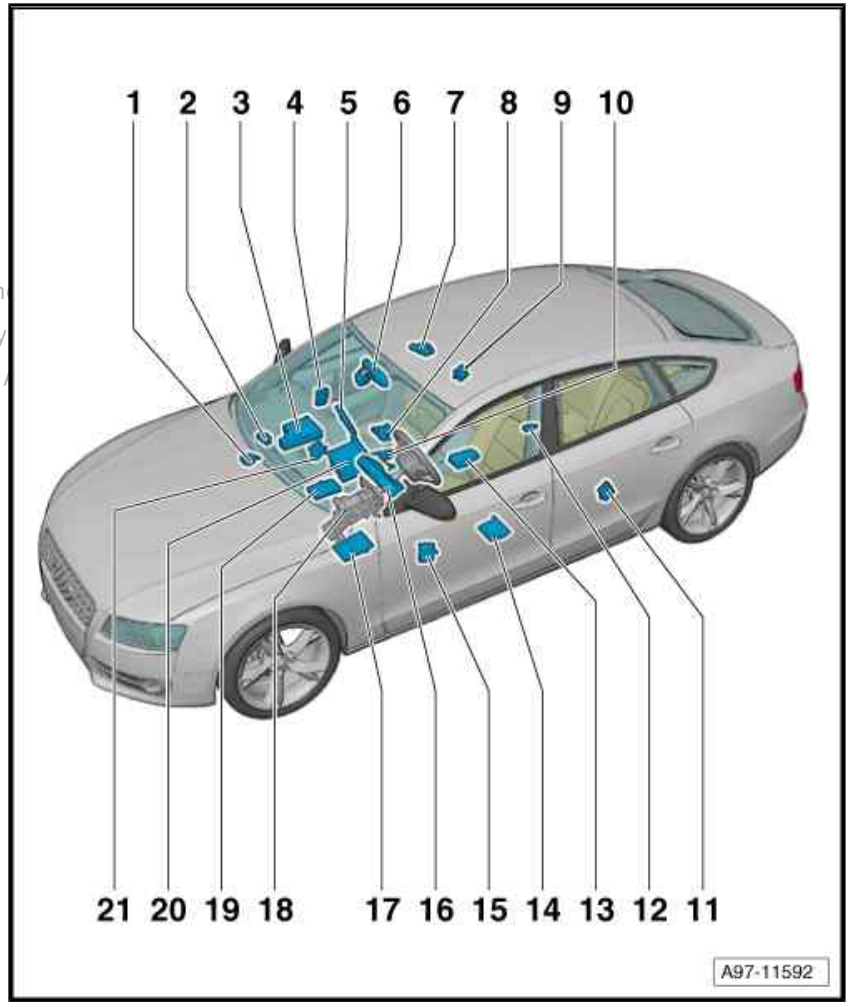
6 - Automatic anti-dazzle interior mirror -Y7- with rain and light sensor -G397-
- ❑ Fitting location: ⇒ page 18

7 - Sliding sunroof adjustment control unit -J245- with sliding sunroof motor -V1-
- ❑ Fitting location and connector: ⇒ page 19

8 - Front passenger seat adjustment with memory control unit -J521-
- ❑ Location: under front passenger seat

8 - Telephone transmitter and receiver unit -R36-
- ❑ Fitting location and connectors: ⇒ page 33

9 - Rear right door control unit -J389-
- ❑ Location: in rear right door



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10 - Multimedia system operating unit -E380-

- Fitting location and connector: ⇒ page 30

11 - Rear left door control unit -J388-

- Location: in rear left door

12 - Fuel pump control unit -J538-

- Location: under rear seat bench

13 - Airbag control unit -J234-

- Fitting location and connector: ⇒ page 32

14 - Control unit for seat adjustment and steering column adjustment with memory function -J136-

- Fitting location: under driver seat

14 - Active steering control unit -J792-

- Fitting location and connectors: ⇒ page 23

15 - Driver door control unit -J386-

- Fitting location: ⇒ page 15
- Connectors: ⇒ page 15

16 - Control unit in dash panel insert -J285-

- Fitting location: and connector: ⇒ page 36

17 - 16-pin connector, diagnostic connection -T16-

- Fitting location: ⇒ page 34

17 - Onboard supply control unit -J519-

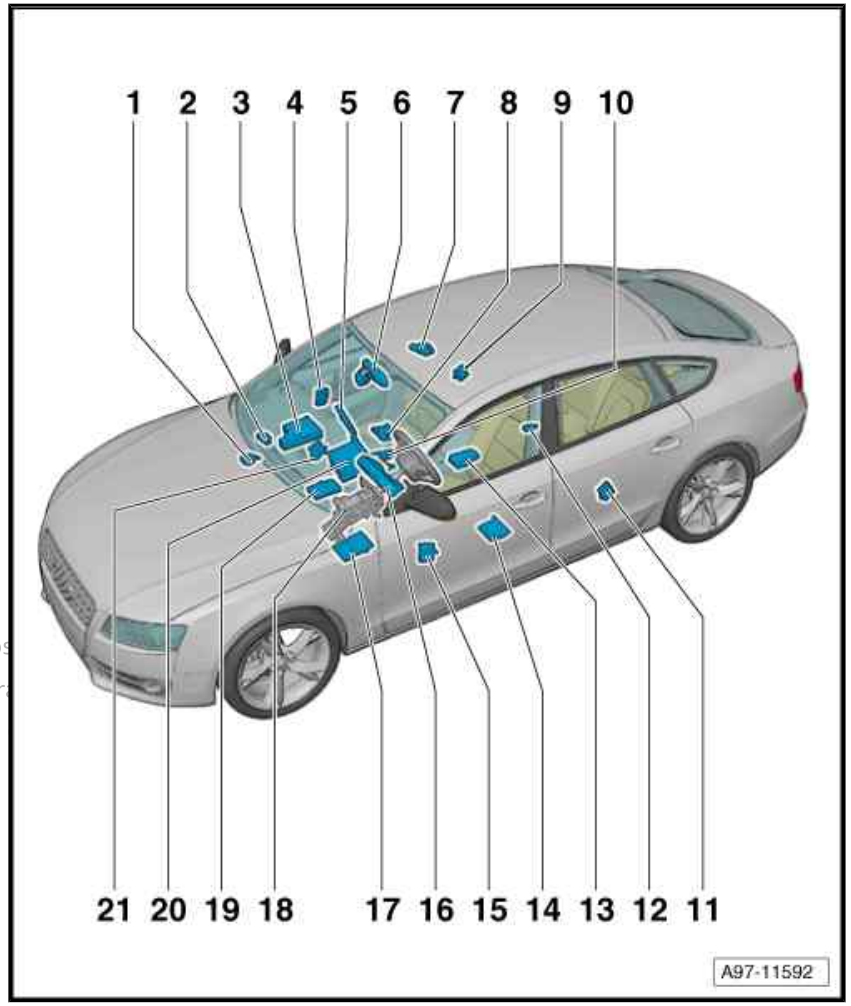
- Fitting location and connectors for models with left-hand drive: ⇒ page 20
- Fitting location and connectors for models with right-hand drive: ⇒ page 22

18 - Steering column electronics control unit -J527-

- Location: on steering column

18 - ESL control unit -J764-

- Location: on steering column



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18 - Multifunction steering wheel control unit -J453-

- Location: on steering column

19 - Climatronic control unit -J255-

- Fitting location and connectors: ⇒ page 31

20 - Control unit for information electronics 1 -J794-

- for models with MMI
- Fitting location and connectors: ⇒ page 29

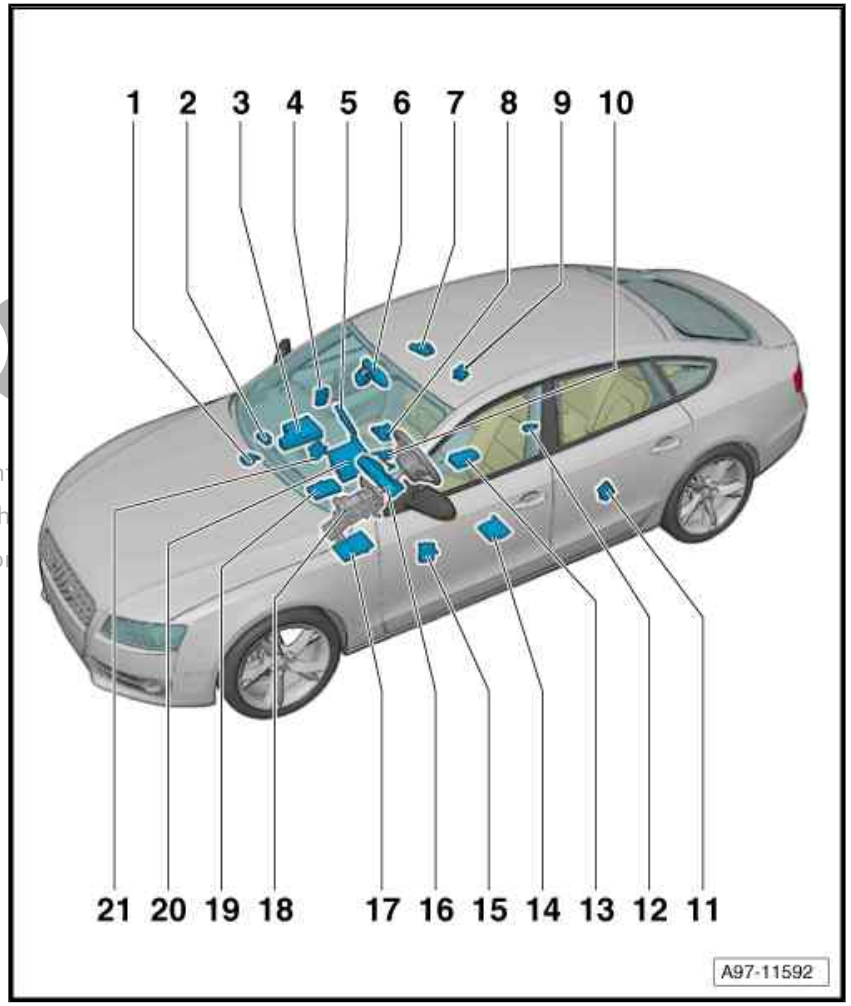
20 - Radio -R- (with integrated CD changer -R41- / DVD changer -R161-)

- for models without MMI
- Fitting location and connectors: ⇒ page 24
- for models with MMI: ⇒ Item 3 (page 9)

21 - Data bus diagnostic interface -J533-

- Fitting location and connector: ⇒ page 35

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1.3 Overview of control units in rear part of vehicle - coupe models (2-door) only

1 - Comfort system central control unit -J393-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 37
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

1 - Aerial amplifier for mobile telephone -R86-
- ❑ Fitting location: ⇒ page 37
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

1 - Electronically controlled damping control unit -J250-
- ❑ Fitting location: ⇒ page 37
- ❑ Connector: ⇒ page 39
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

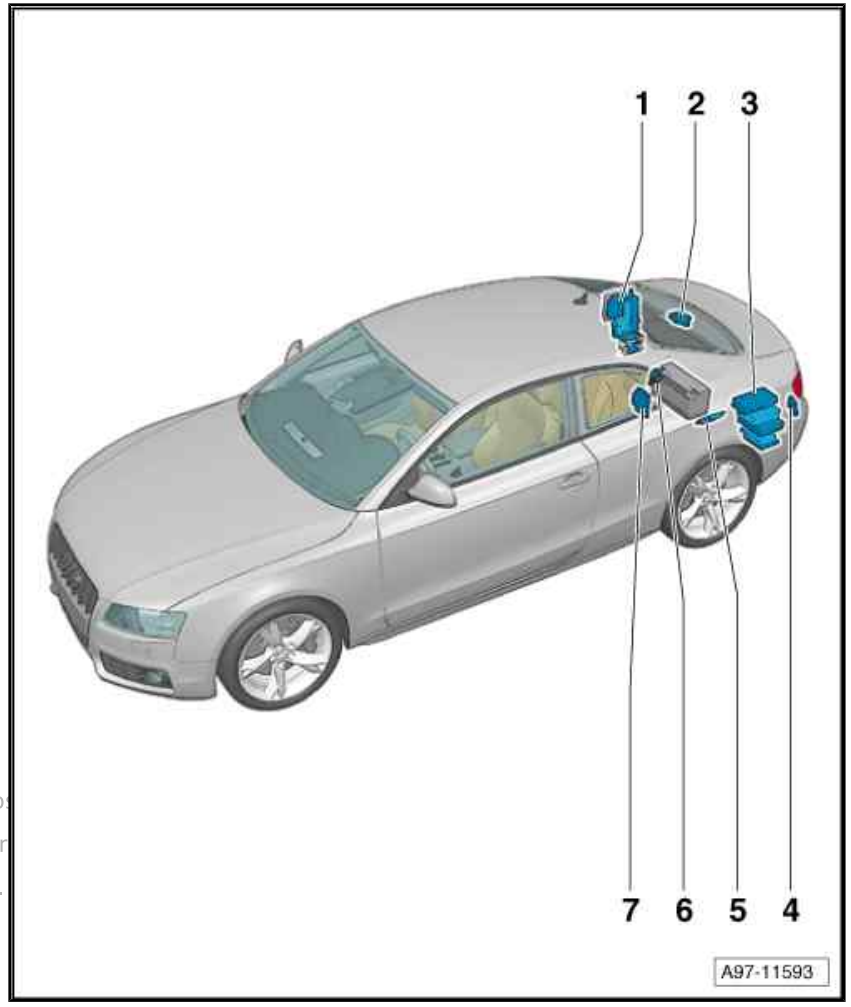
1 - Reversing camera system control unit -J772-
- ❑ Fitting location: ⇒ page 37
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

1 - Trailer detector control unit -J345-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 40
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

1 - Parking steering assist control unit -J791-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 41
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

1 - Control unit for electromechanical parking brake -J540-
- ❑ Fitting location: ⇒ page 37
- ❑ Overview of sportback models (5-door): ⇒ Item 2 (page 11)

2 - Lane change assist control unit -J769-
- ❑ Location: on inside of rear bumper
- ❑ Overview of sportback models (5-door): ⇒ Item 3 (page 11)



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3 - Digital sound package control unit -J525-

- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 11)

3 - Radio -R- (K-box)

- ❑ for models with MMI
- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 11)

3 - Satellite radio -R146-

- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 12)

3 - Digital radio -R147-

- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 12)

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3 - Navigation system with CD drive control unit -J401-

- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 12)

3 - TV tuner -R78-

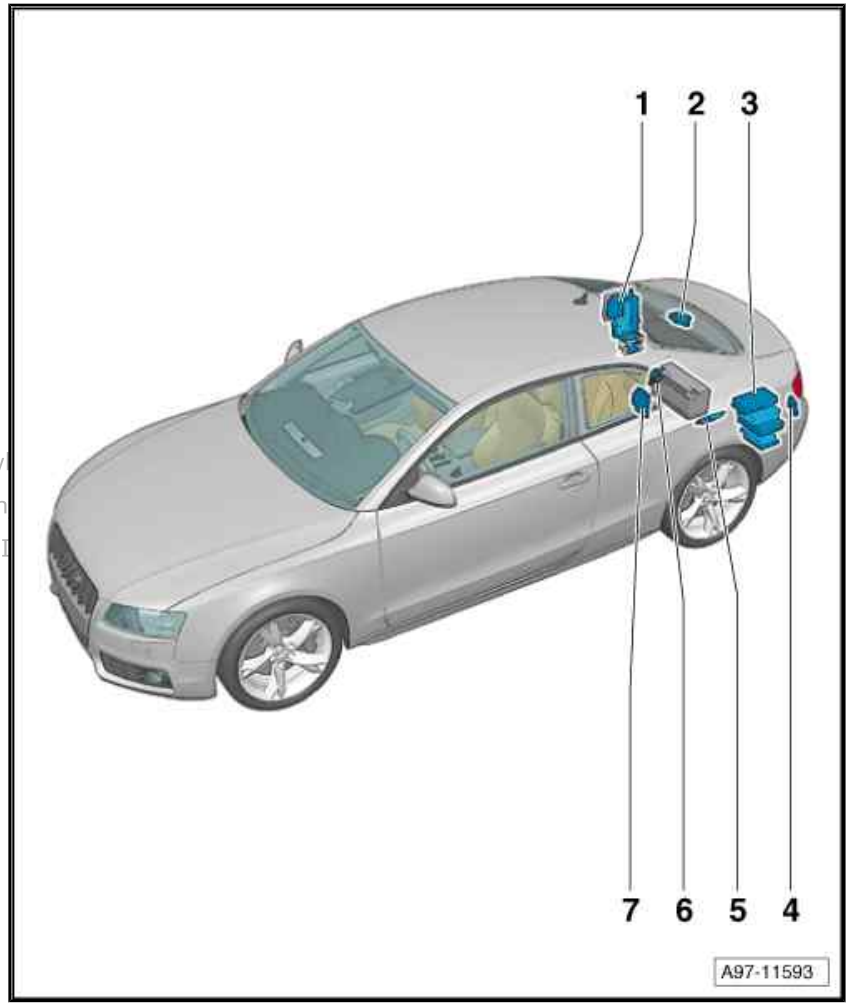
- ❑ Location: in left of luggage compartment, behind side trim.
- ❑ Overview of sportback models (5-door): ⇒ Item 4 (page 12)

4 - Lane change assist control unit 2 -J770-

- ❑ Location: on inside of rear bumper
- ❑ Overview of sportback models (5-door): ⇒ Item 5 (page 12)

5 - Voltage stabiliser -J532-

- ❑ Fitting location and connector: ⇒ page 44
- ❑ Overview of sportback models (5-door): ⇒ Item 6 (page 12)



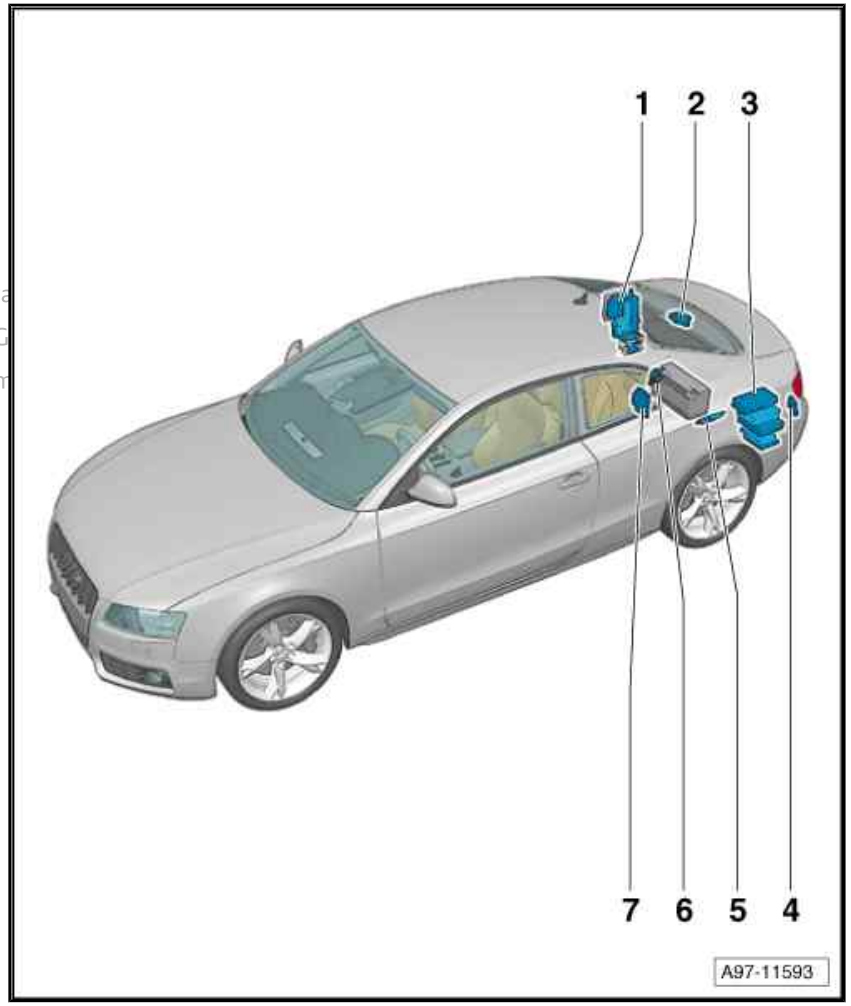
6 - Battery monitor control unit -J367-

- ❑ Fitting location and connector: ⇒ page 45
- ❑ Overview of sportback models (5-door): ⇒ Item 7 (page 12)

7 - All-wheel drive control unit -J492-

- ❑ Fitting location and connector: ⇒ page 41
- ❑ Overview of sportback models (5-door): ⇒ Item 1 (page 11)

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1.4 Overview of control units in rear part of vehicle - sportback models (5-door) only

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1 - All-wheel drive control unit -J492-
- ❑ Fitting location and connector: ⇒ page 43

2 - Comfort system central control unit -J393-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 37

2 - Aerial amplifier for mobile telephone -R86-
- ❑ Fitting location: ⇒ page 37

2 - Electronically controlled damping control unit -J250-
- ❑ Fitting location: ⇒ page 37
- ❑ Connector: ⇒ page 39

2 - Reversing camera system control unit -J772-
- ❑ Fitting location: ⇒ page 37

2 - Trailer detector control unit -J345-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 40

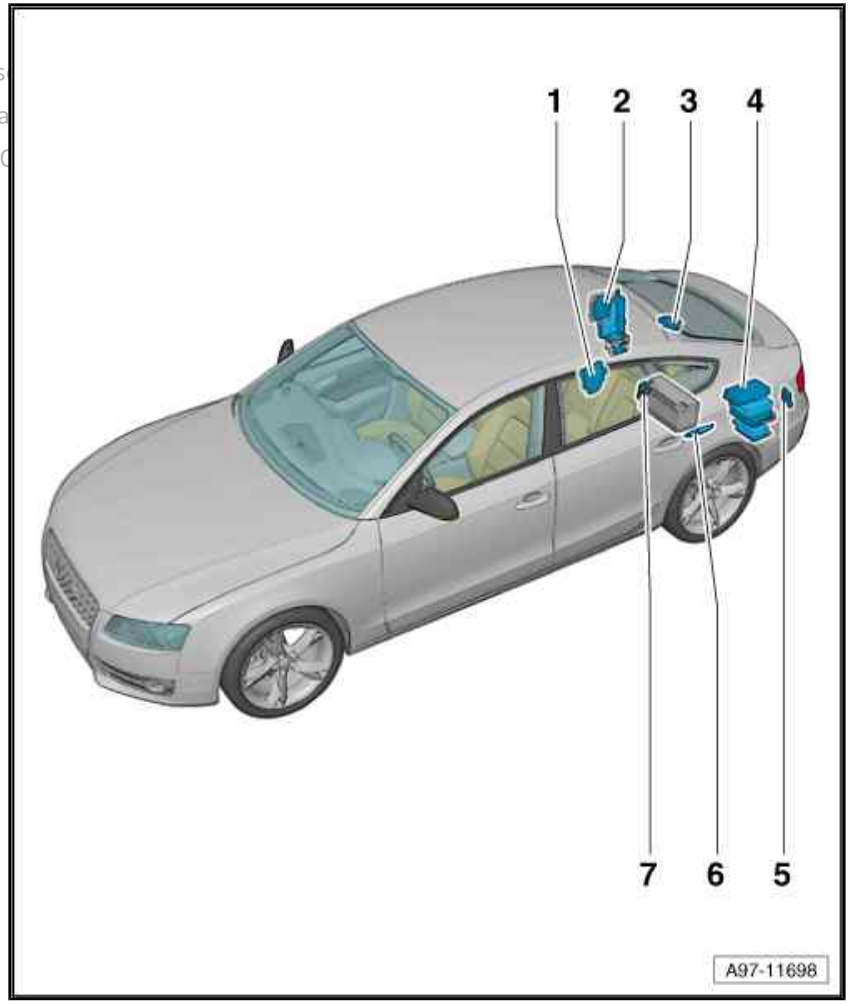
2 - Parking steering assist control unit -J791-
- ❑ Fitting location: ⇒ page 37
- ❑ Connectors: ⇒ page 41

2 - Control unit for electromechanical parking brake -J540-
- ❑ Fitting location: ⇒ page 37

3 - Lane change assist control unit -J769-
- ❑ Location: on inside of rear bumper

4 - Digital sound package control unit -J525-
- ❑ Location: in left of luggage compartment, behind side trim.

4 - Radio -R- (K-box)
- ❑ for models with MMI
- ❑ Location: in left of luggage compartment, behind side trim.



4 - Satellite radio -R146-

- ❑ Location: in left of luggage compartment, behind side trim.

4 - Digital radio -R147-

- ❑ Location: in left of luggage compartment, behind side trim.

4 - Navigation system with CD drive control unit -J401-

- ❑ Location: in left of luggage compartment, behind side trim.

4 - TV tuner -R78-

- ❑ Location: in left of luggage compartment, behind side trim.

5 - Lane change assist control unit 2 -J770-

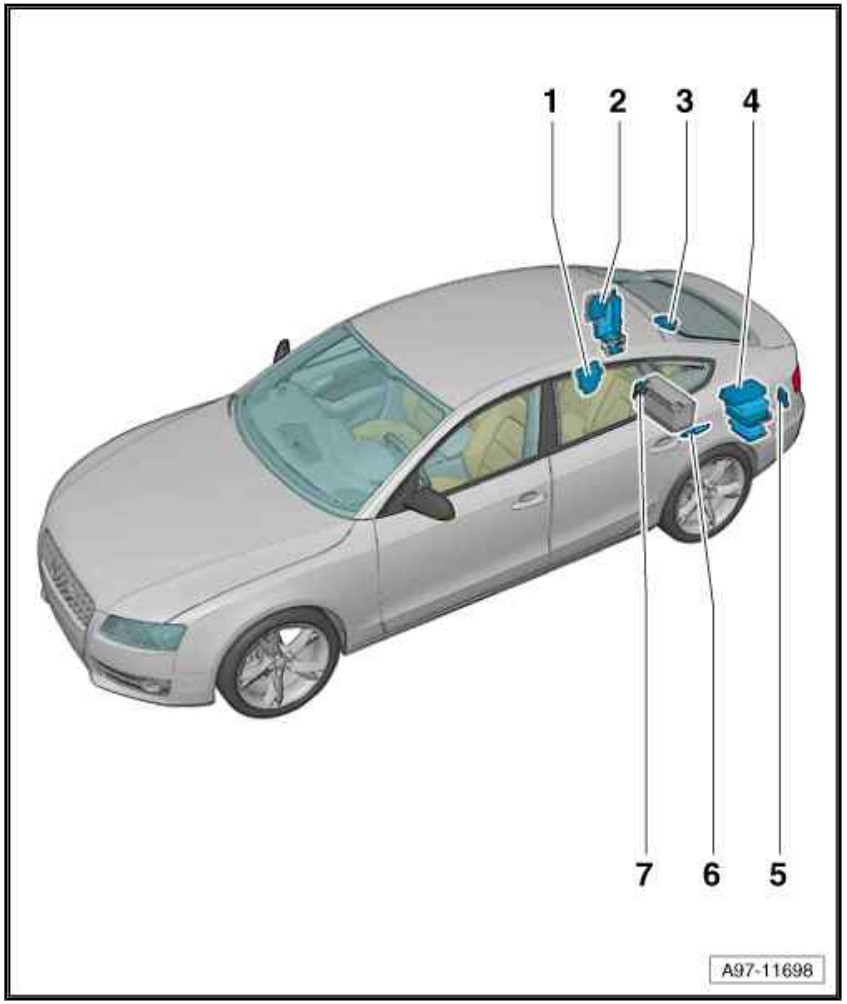
- ❑ Location: on inside of rear bumper

6 - Voltage stabiliser -J532-

- ❑ Fitting location and connector: ⇒ page 44

7 - Battery monitor control unit -J367-

- ❑ Fitting location and connector: ⇒ page 45



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1.5 Control unit for headlight range control -J431- / control unit for cornering light and headlight range control -J745-

Fitting location:

in front passenger footwell, behind the glove compartment

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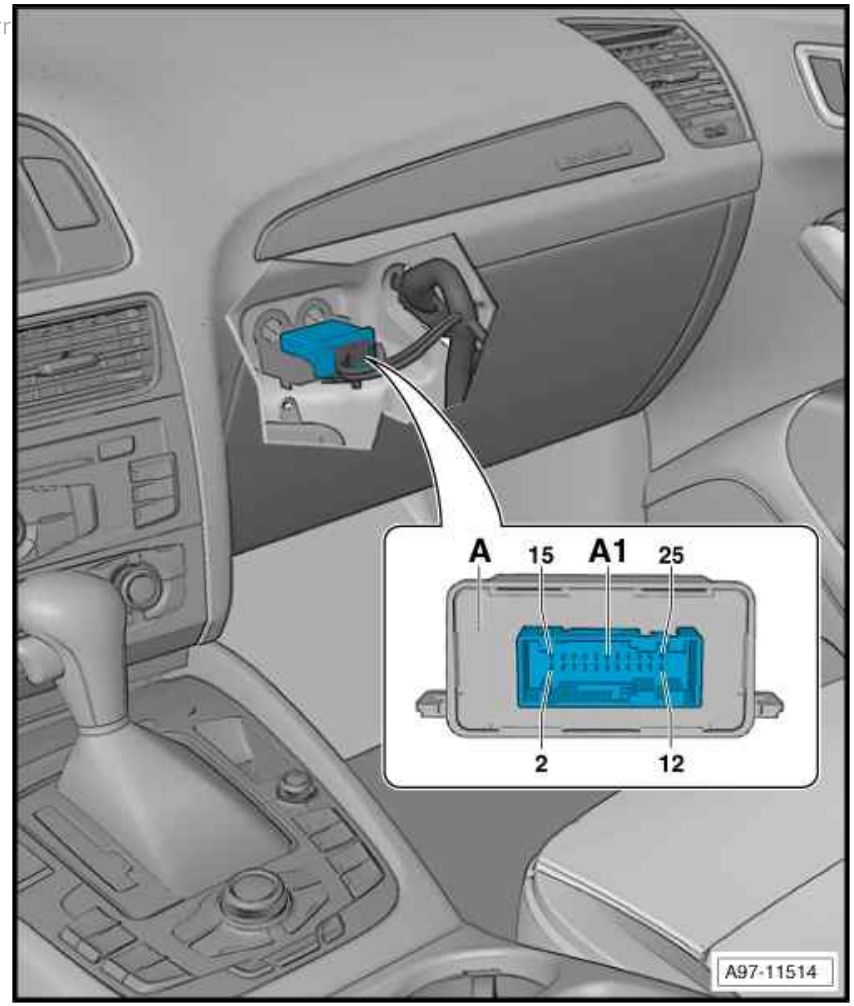
A - Control unit for headlight range control -J431- / control unit for cornering light and headlight range control -J745-

Connector on control unit for headlight range control -J431- :

A1 - 26-pin connector -T26a-

Connectors on cornering light and headlight range control unit -J745- :

A1 - 26-pin connector -T26b-



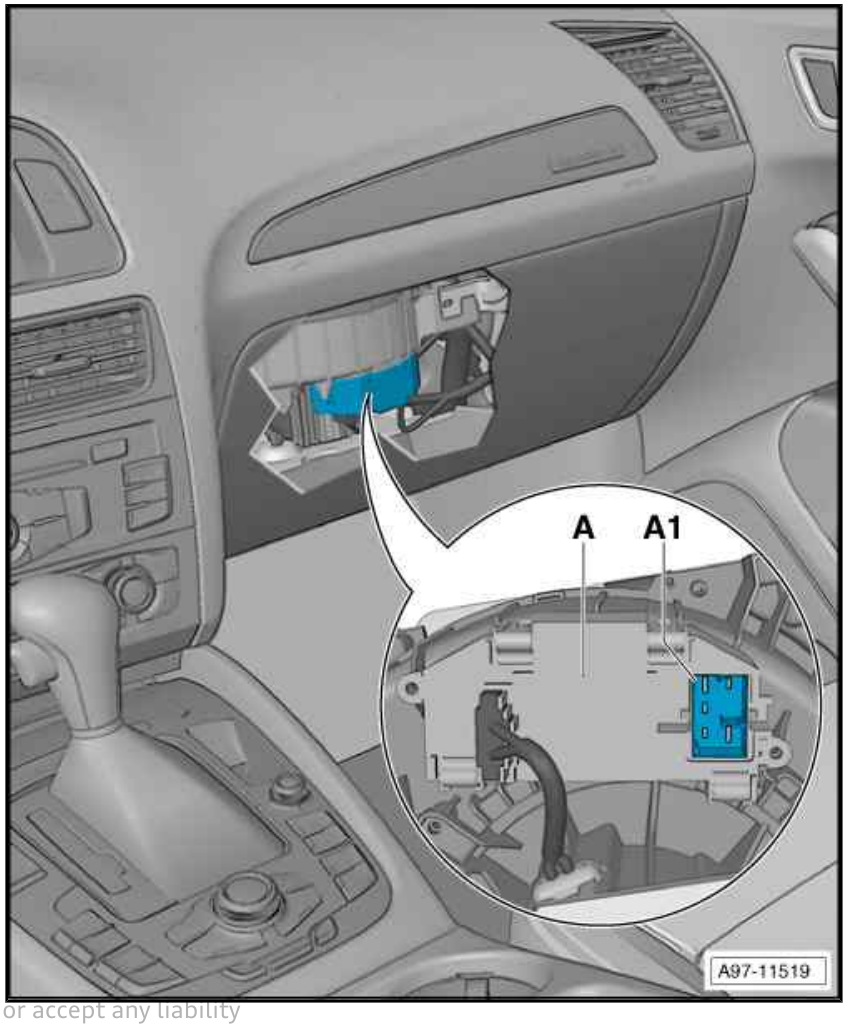
1.6 Fresh air blower control unit -J126-

Fitting location:

in front passenger footwell, behind the glove compartment

A - Fresh air blower control unit -J126-

A1 - 6-pin connector, brown -T6y-

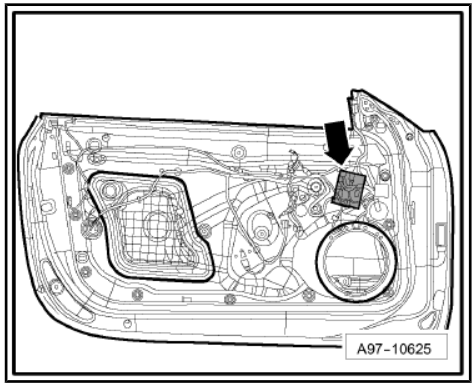


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1.7 Driver door control unit -J386-

Fitting location:

In driver door -arrow-.



Connectors:

⇒ page 15

1.8 Front passenger door control unit -J387-

Fitting location:

in front passenger door

Connectors:

⇒ page 17

1.8.1 Connectors on driver door control unit -J386-

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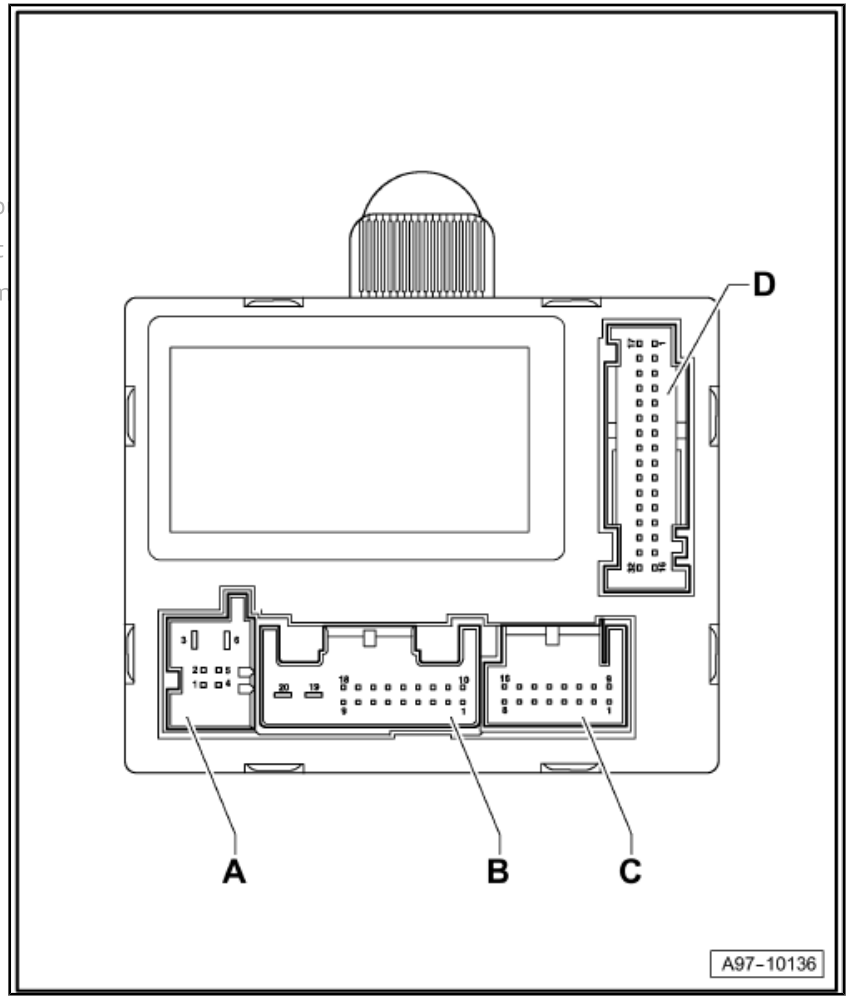
A - 6-pin, connector -T6am-

B - 20-pin connector -T20f-

C - 16-pin connector -T16m-

D - 32-pin connector -T32j-

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1.8.2 Connectors on front passenger door control unit -J387-

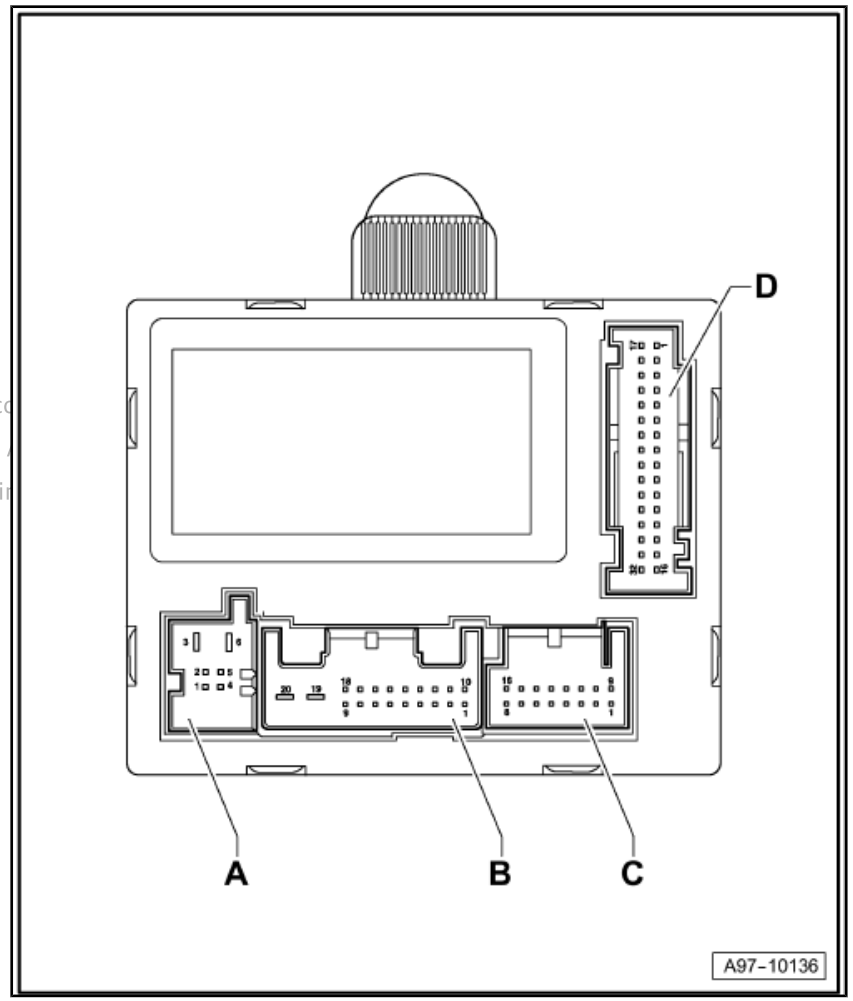
A - 6-pin, connector -T6ao-

B - 20-pin connector -T20g-

C - 16-pin connector -T16n-

D - 32-pin connector -T32l-

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1.9 Automatic anti-dazzle interior mirror -Y7- with rain and light sensor -G397-

Fitting location:

at front of roof side member.

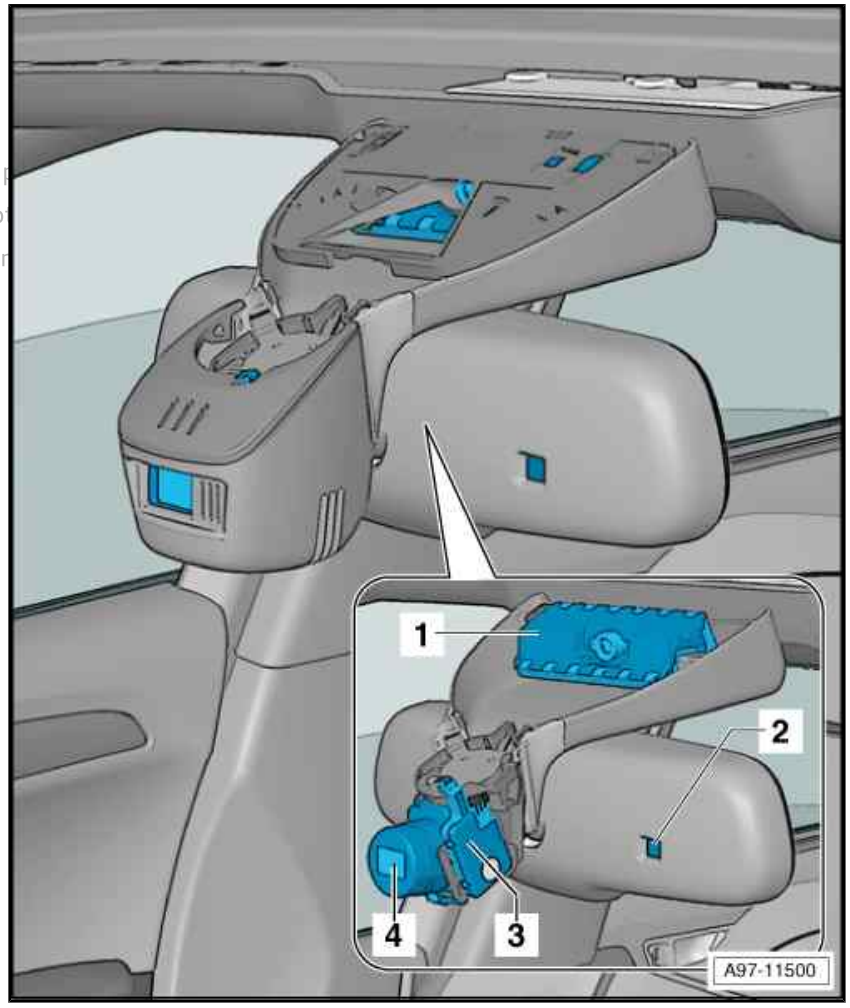
1 - Lane departure warning control unit -J759-

2 - Automatic anti-dazzle interior mirror -Y7- with rain and light sensor -G397-

3 - Humidity sender -G355-

4 - Main beam assist control unit -J844-

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1.10 Sliding sunroof adjustment control unit -J245- with sliding sunroof motor -V1-

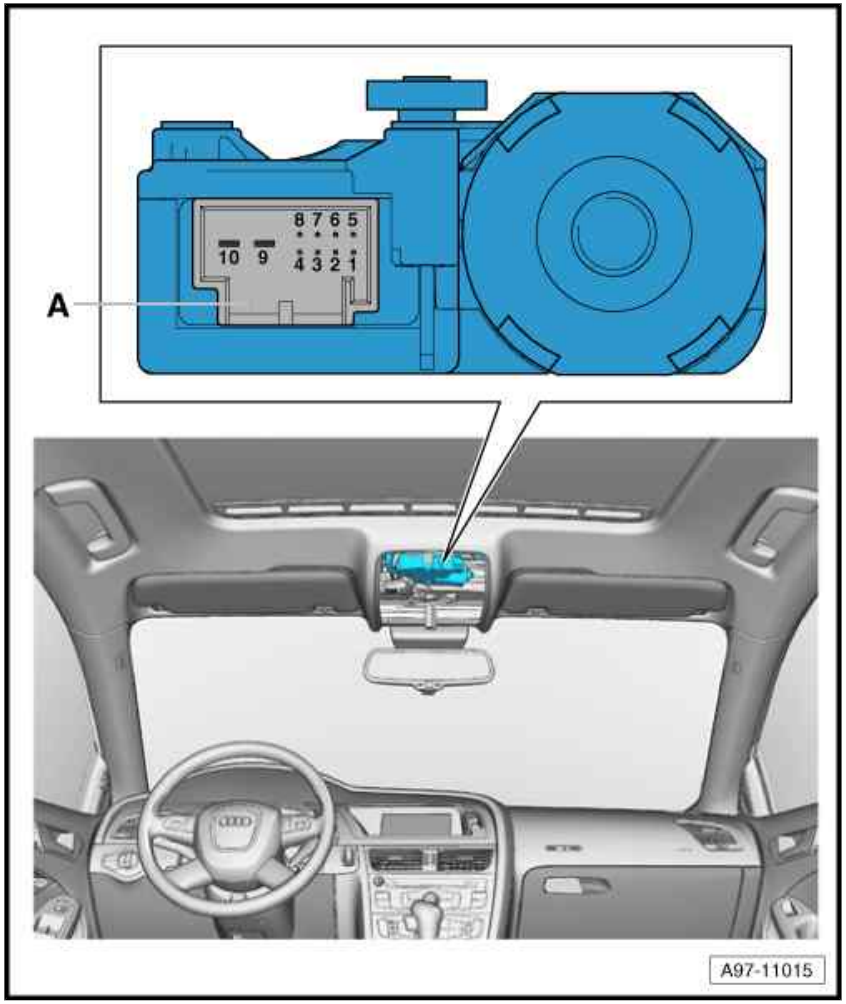
Fitting location:

in roof module, on upper front roof frame

Connector, sportback models (5-door):

A - 10-pin connector -T10c-

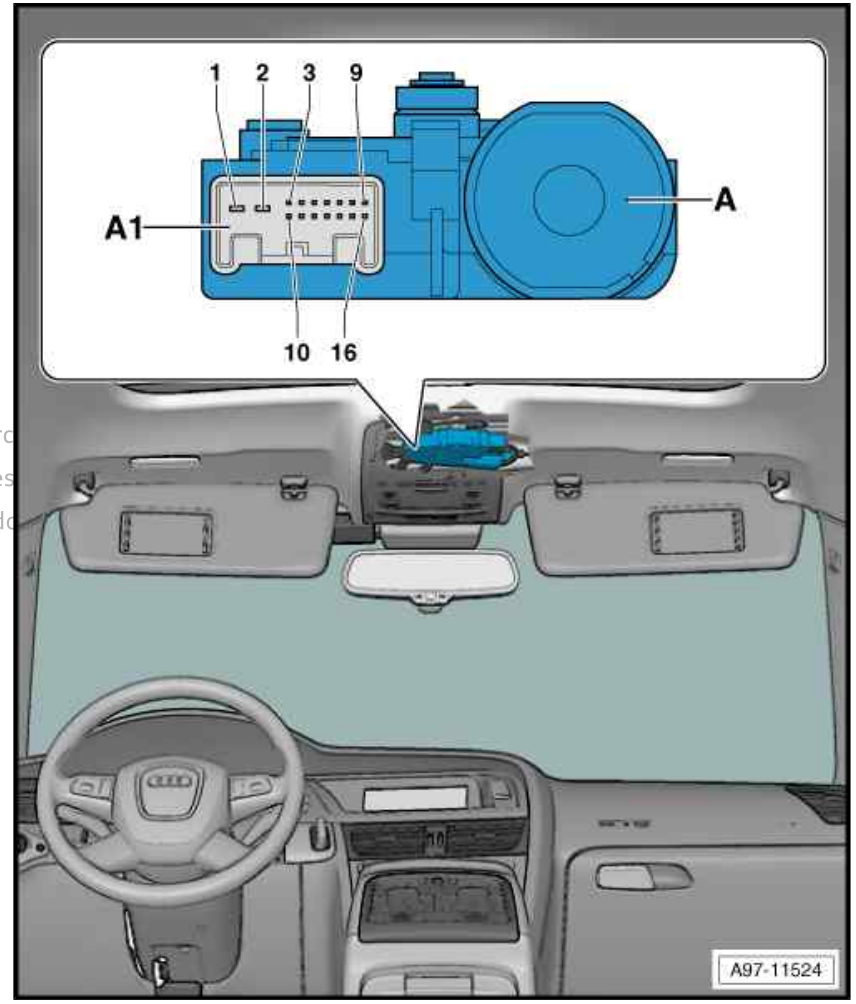
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Connector, coupe models (2-door):

A - Sliding sunroof adjustment control unit -J245-

A1 - 16-pin connector -T16a-



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1.11 Onboard supply control unit -J519-

Fitting location Onboard supply control unit -J519- for models with left-hand drive:

Driver side dash panel, bottom.

Note

- *Illustration shows model with left-hand drive.*
- *Illustration for models with right-hand drive* ⇒ page 22 .

A - Onboard supply control unit -J519-

A1 - 17-pin connector, black (connector D) -T17l-

A2 - 17-pin connector, brown (connector E) -T17m-

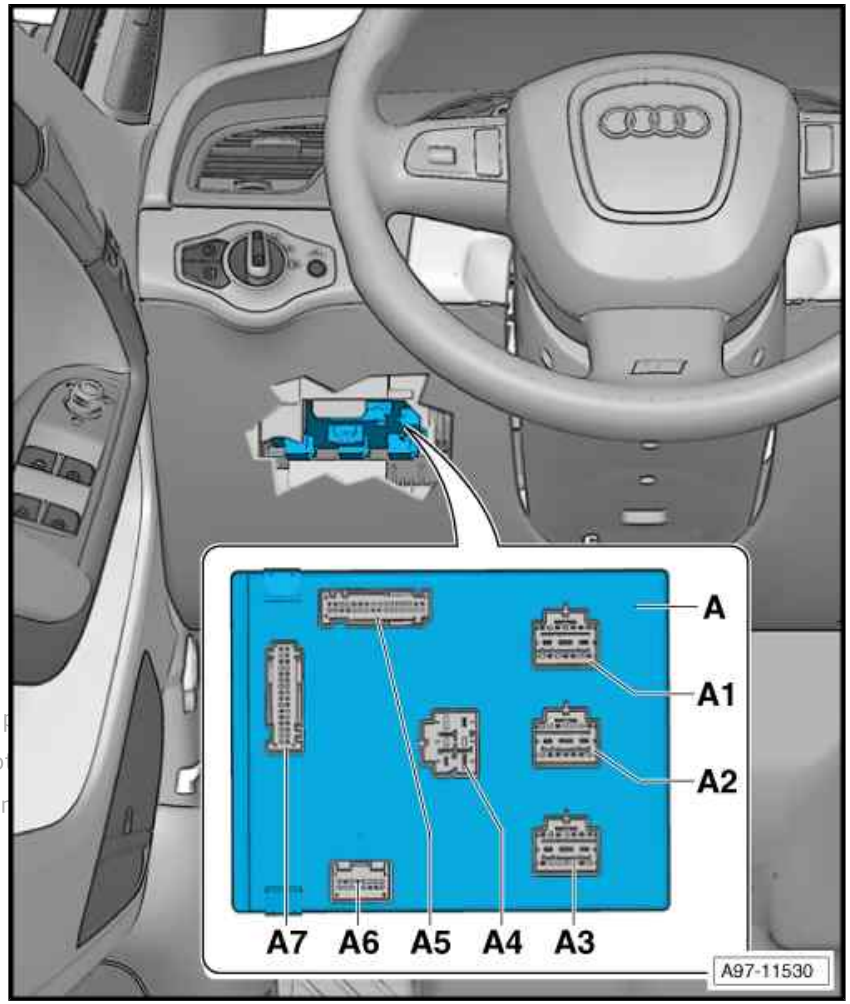
A3 - 17-pin connector, red (connector F) -T17n-

A4 - 6-pin connector, green (connector G) -T6f-

A5 - 32-pin connector, grey (connector A) -T32a-

A6 - 16-pin connector, brown (connector C) -T16b-

A7 - 32-pin connector, black (connector B) -T32b-



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Fitting location Onboard supply control unit -J519- for models with right-hand drive:

Driver side dash panel, bottom.

Note

- *Illustration shows model with right-hand drive.*
- *Illustration for models with left-hand drive* ⇒ page 20 .

A - Onboard supply control unit -J519-

A1 - 17-pin connector, black (connector D) -T17l-

A2 - 17-pin connector, brown (connector E) -T17m-

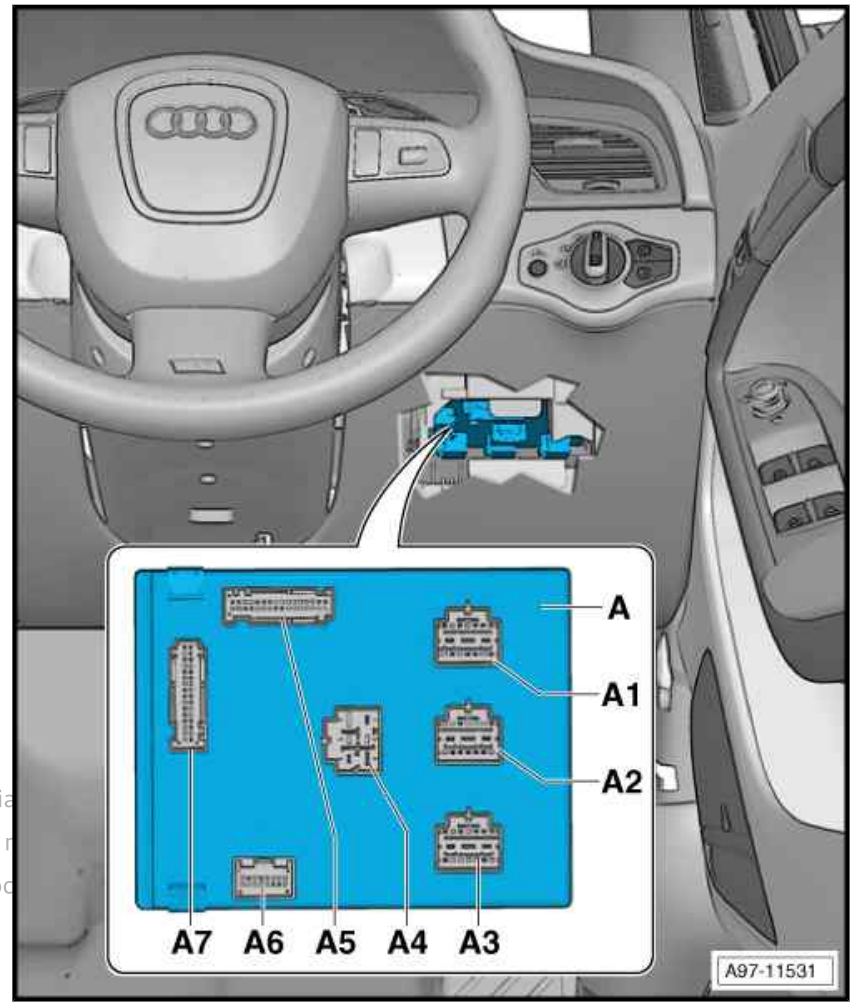
A3 - 17-pin connector, red (connector F) -T17n-

A4 - 6-pin connector, green (connector G) -T6f-

A5 - 32-pin connector, grey (connector A) -T32a-

A6 - 16-pin connector, brown (connector C) -T16b-

A7 - 32-pin connector, black (connector B) -T32b-



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1.12 Active steering control unit -J792-

Fitting location:

Under the carpet in the driver's footwell

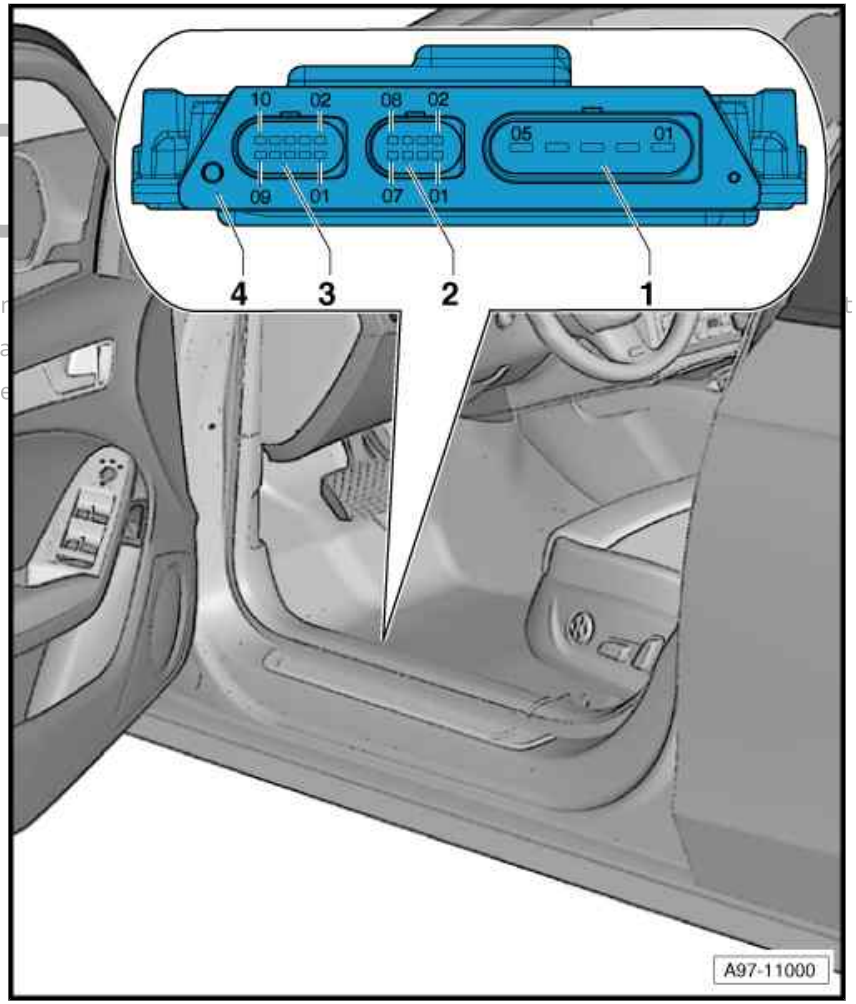
4 - Active steering control unit -J792-

Connectors:

1 - 5-pin connector, black -T5d-

2 - 8-pin connector, black -T8g-

3 - 10-pin connector, black -T10h-



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1.13 Radio -R- (with integrated CD changer -R41- / DVD changer -R161-)

Fitting location:

in middle part dash panel.

A - Radio -R-

A1 -
Connector block, consisting of:

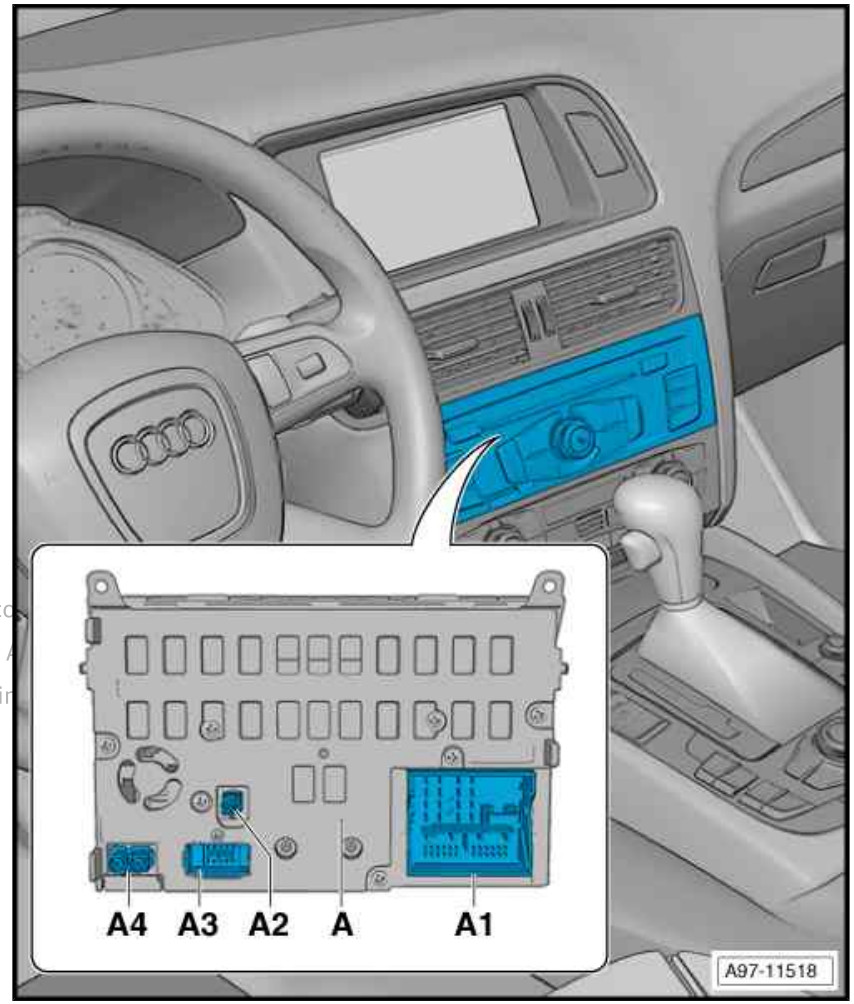
- 8-pin connector, brown -T8k-
- 8-pin connector, black -T16l-
- 12-pin connector, green -T12a-
- 12-pin connector, blue -T12s-

A2 -
1-pin connector, black -T1i- (DAB connection) / 1-pin connector, green -T1k- (Connection SDARS)

A3 - 10-pin connector, black -T10v- (Connection to display unit)

A4 - 2-pin connector, white -T2df- (Connection AM / FM1 / FM2)

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1.14 CD changer -R41- / DVD changer -R161-

Fitting location:

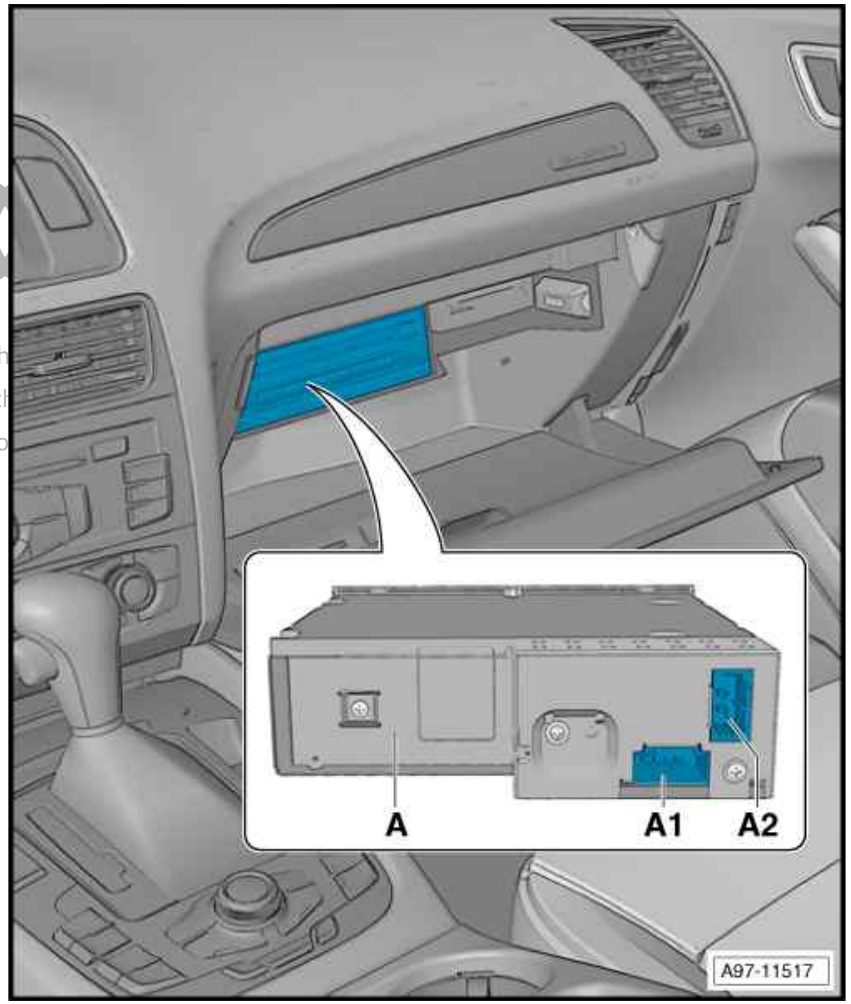
In glove compartment.

A - CD changer -R41- / DVD changer -R161-

A1 - 8-pin connector -T8aa-

A2 - 2-pin connector -T2dm-

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1.15 Chip card reader control unit -J676-

Fitting location:

In glove compartment.

Note

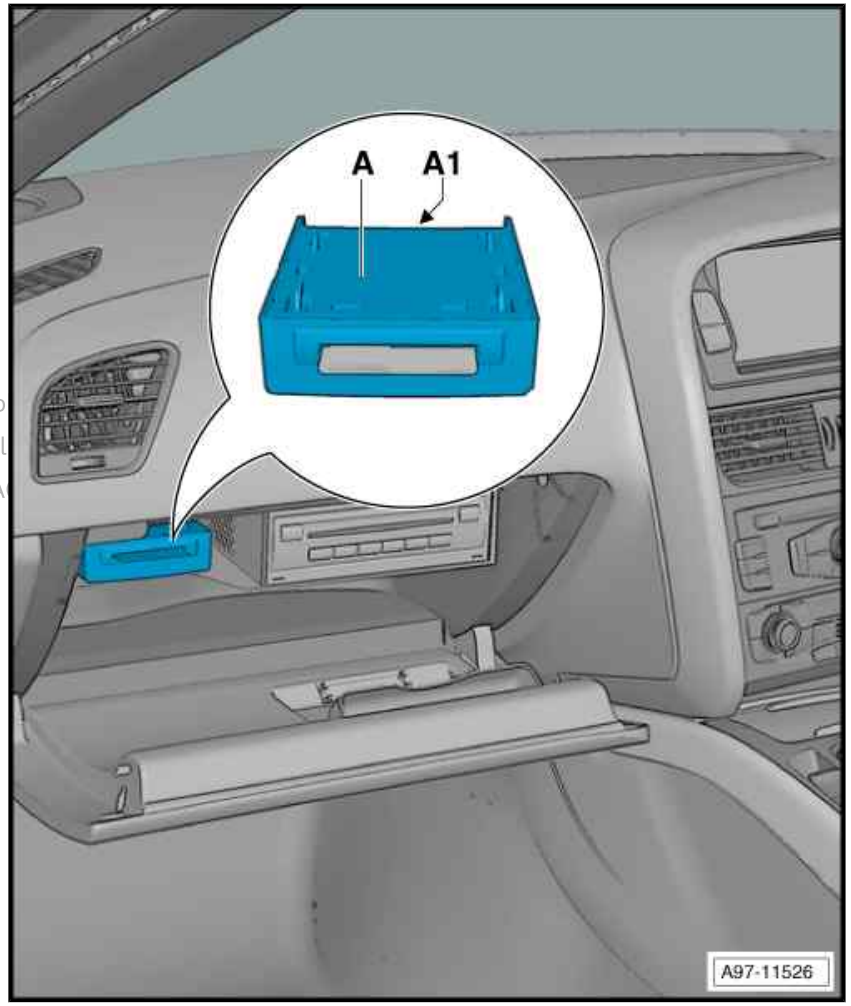
- *Illustration shows model with right-hand drive.*
- *For models with Japan navigation system only.*

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A - Chip card reader control unit -J676-

A1 - 32-pin connector -T32ja-

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1.16 Display unit for front information display and operating unit control unit -J685-

Fitting location:

Dash panel - centre.

Note

Connector -A1- is given as an example for differing equipment versions!

A - Display unit for front information display and operating unit control unit -J685-

A1 -
Connector for models with MMI Basic up to August 2009:

- 10-pin connector, black -T10t-

A1 -
Connector for models with MMI High up to August 2009:

- 22-pin connector, black -T22b-

A1 -
Connectors for models with MMI from September 2009:

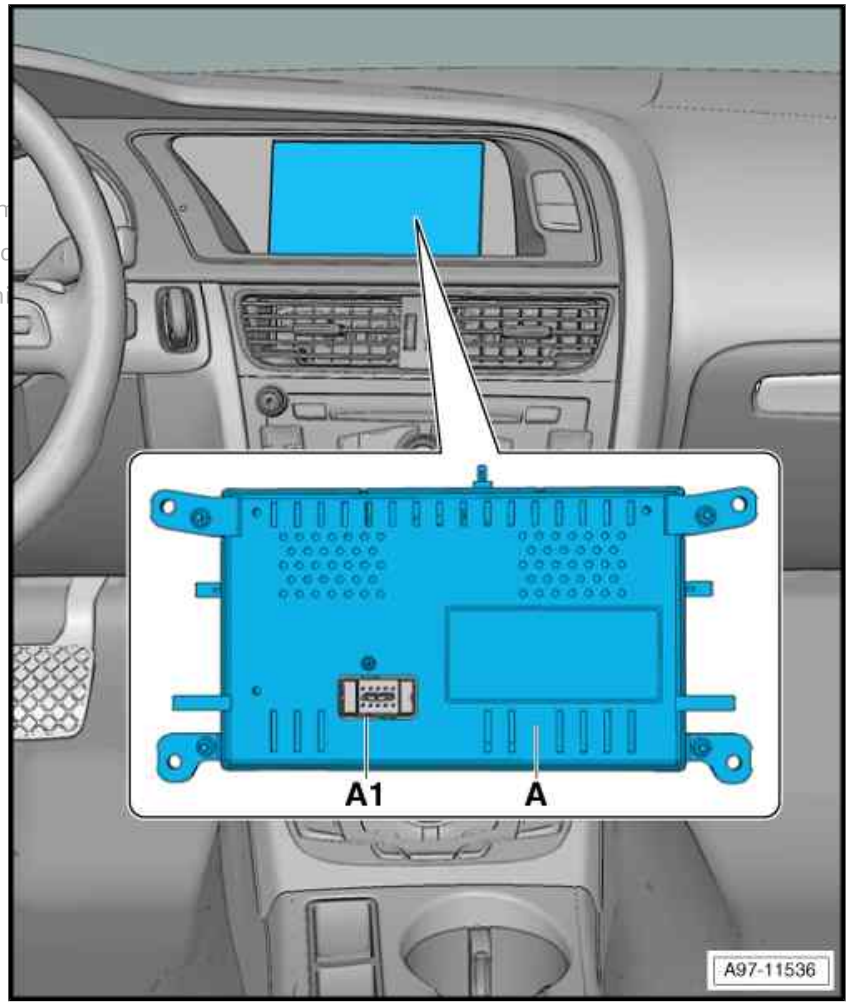
- 8-pin connector, black -T8ai-
- 4-pin connector, white -T4ao- , depending on equipment
- 4-pin connector, black -T4an- , depending on equipment

A1 -
for radio chorus (radio low):

- 10-pin connector, red -T10u-

A1 -
Connector for radio concert / symphony (radio mid):

- 10-pin connector, black -T10w-



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1.17 Control unit for information electronics 1 -J794-

Fitting location:

in middle part dash panel.

A - Control unit for information electronics 1 -J794-

A1 - 1-pin connector, violet -T1p-

A2 - Single-pin connector, blue -T1n-

A3 - Vacant

A4 - 4-pin connector, curry yellow -T4ap-

A5 - for models with -J794- basic:

- 4-pin connector, violet -T4al-

A5 - for models with -J794- high:

- 4-pin connector, grey -T4am-

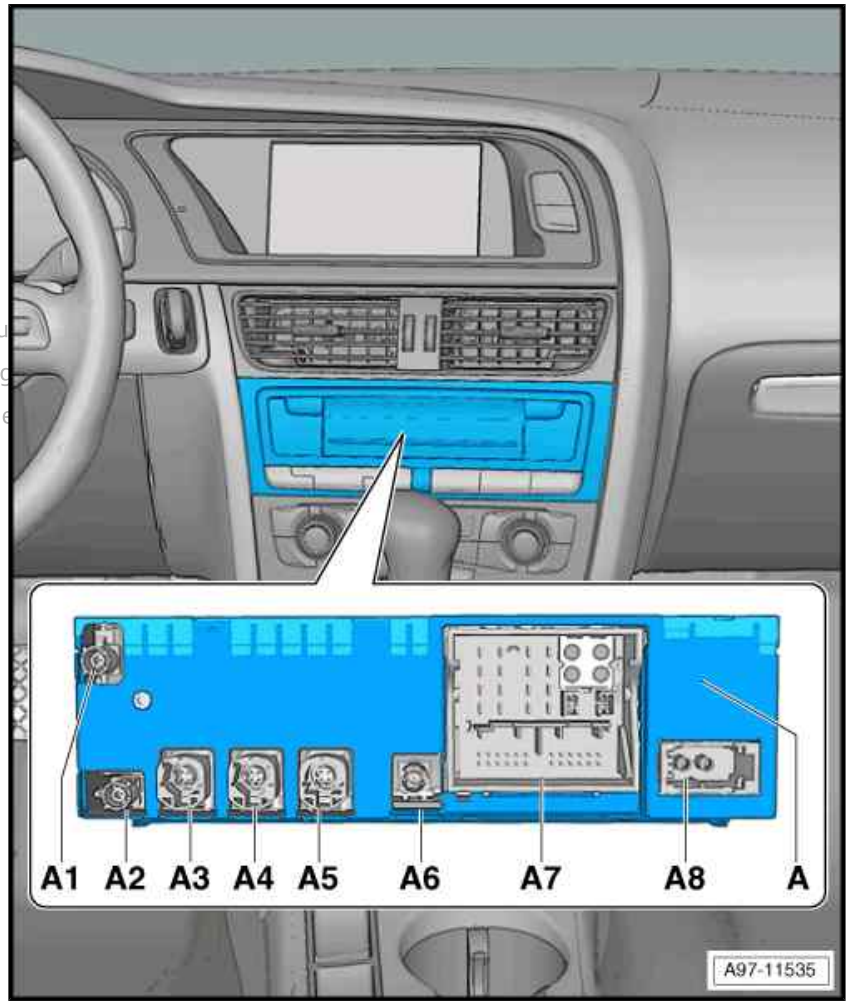
A6 - Single connector, green -T1o-

A7 -
Connector block, consisting of:

- 8-pin connector, brown -T8ah-
- 8-pin connector, black -T8ao-
- 12-pin connector, blue -T12x-
- 12-pin connector, green -T12y-

A8 - 2-pin connector -T2di-

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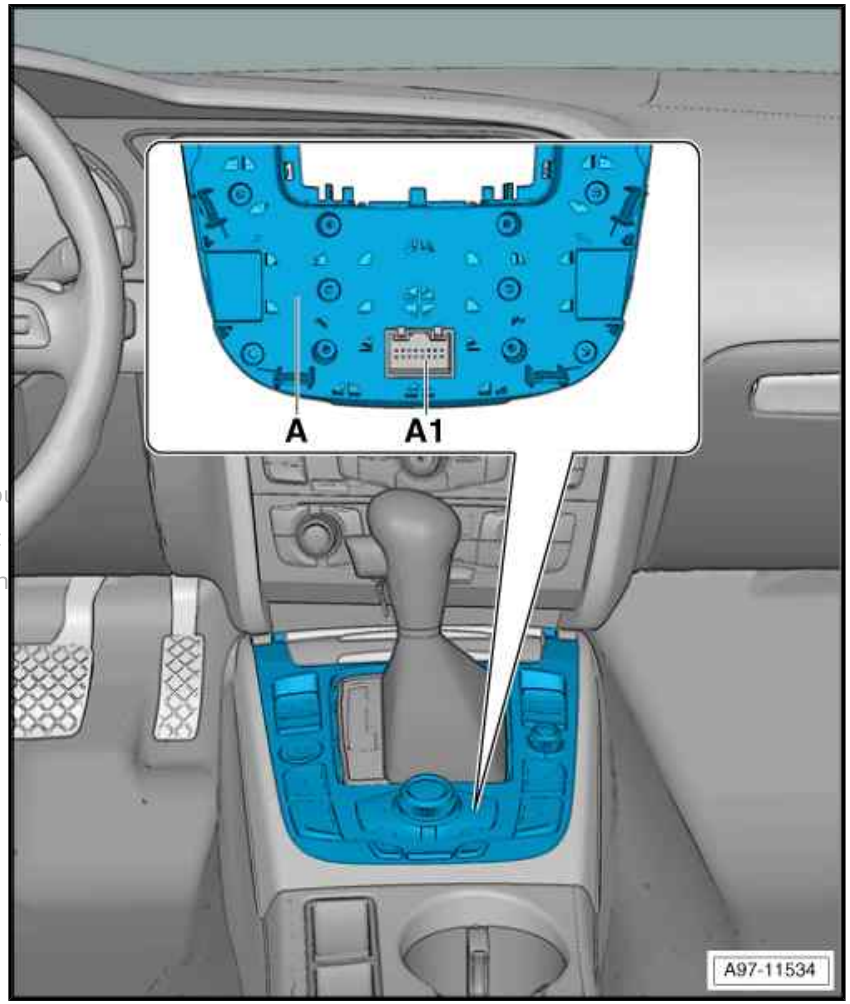
1.18 Multimedia system operating unit -E380-

Fitting location:

on centre console.

A - Multimedia system operating unit -E380-

A1 - 16-pin connector -T16c-



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1.19 Climatronic control unit -J255-

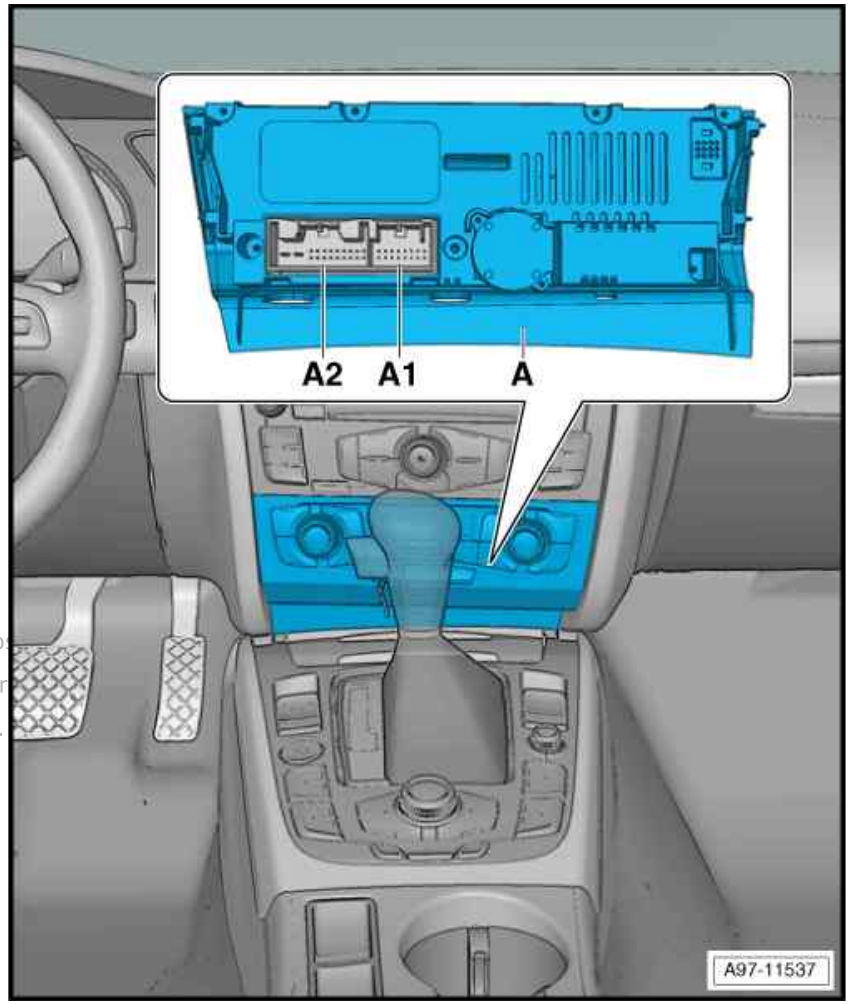
Fitting location:

in middle part dash panel.

A - Climatronic control unit -J255-

A1 - 16-pin connector -T16i-

A2 - 20-pin connector -T20e-



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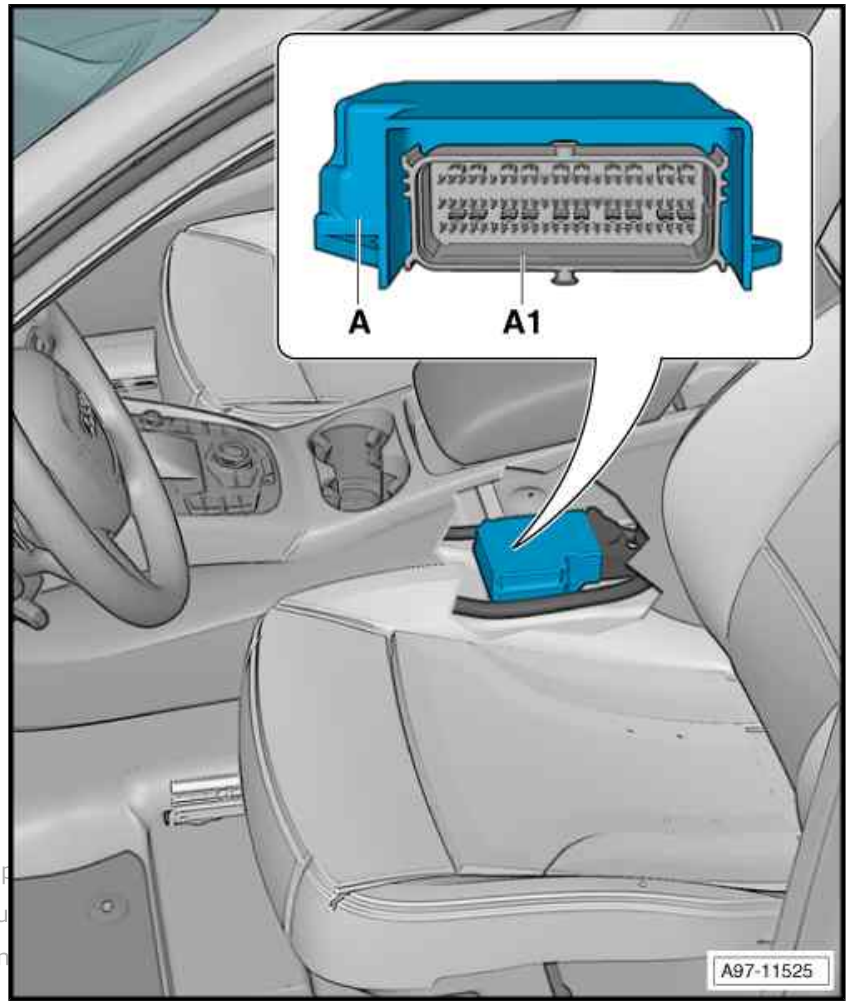
1.20 Airbag control unit -J234-

Fitting location:

Under centre console

A - Airbag control unit -J234-

A1 - 100-pin connector -T100-



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1.21 Telephone transmitter and receiver unit -R36-

Fitting location:

in front right footwell.

A - Telephone transmitter and receiver unit -R36-

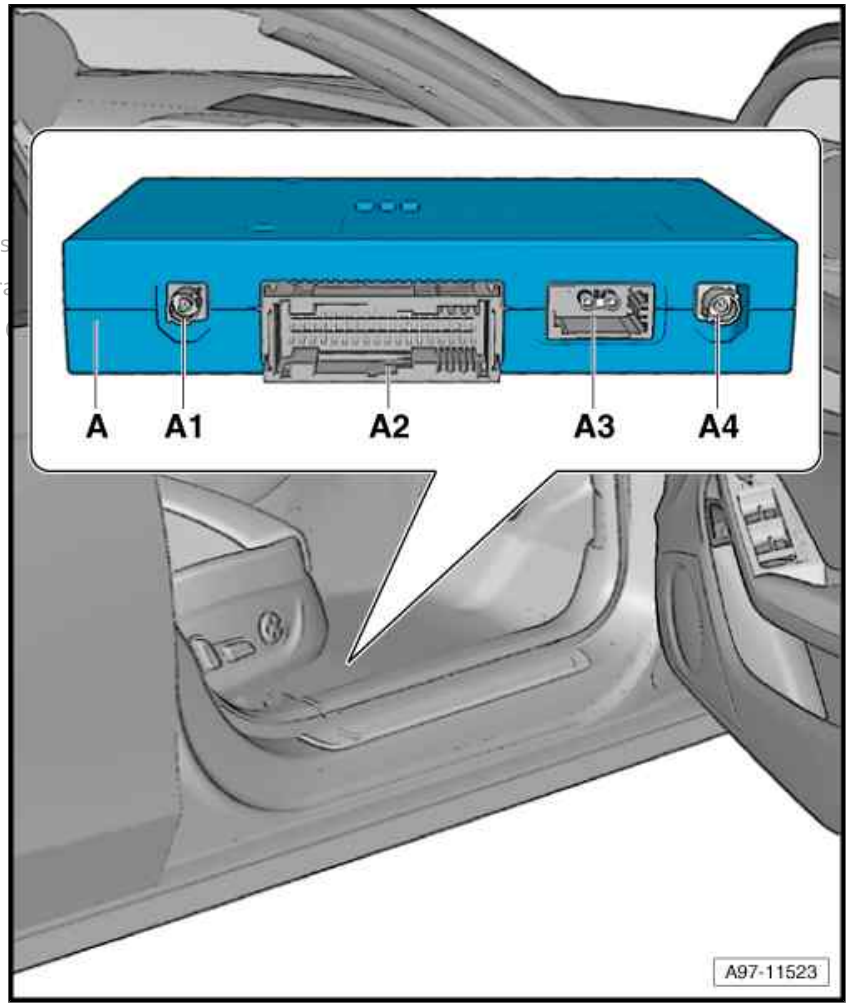
A1 - Connector -B- (Aerial for Bluetooth)

A2 - 54-pin connector -T54a-

A3 - Connector -C- (optical fibre)

A4 - Connector -D- (telephone aerial)

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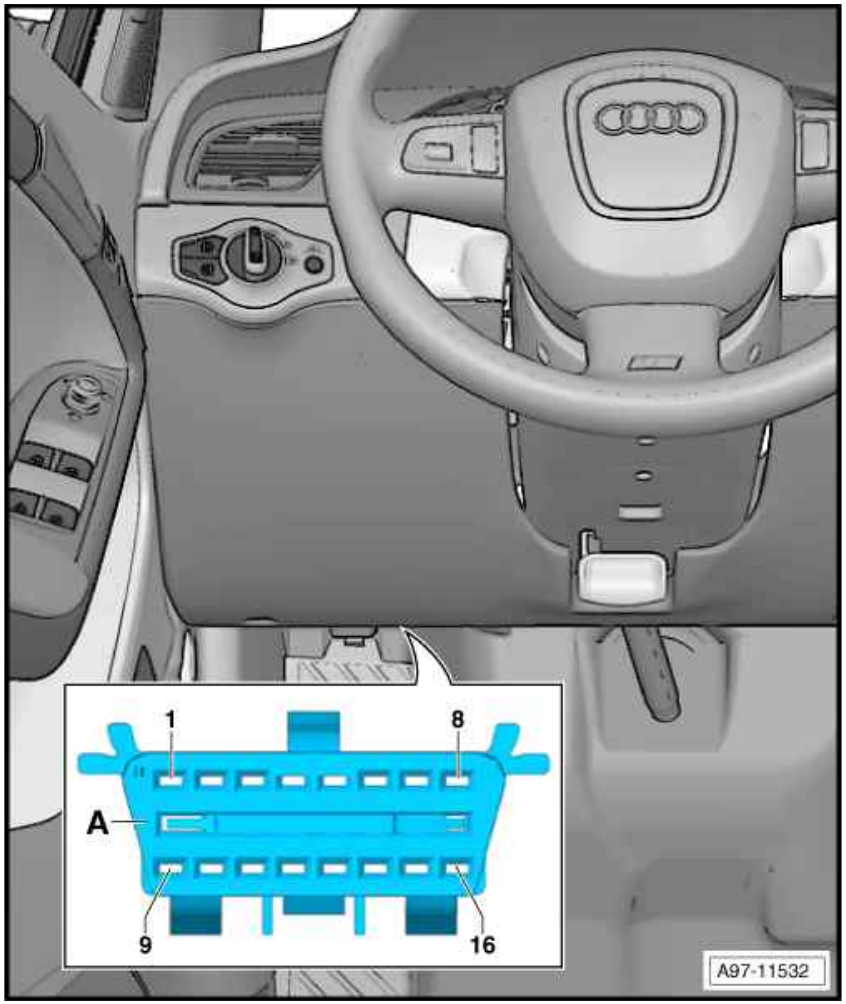


1.22 16-pin connector -T16- , diagnosis connection

Fitting location:

Driver side dash panel, bottom.

A - 16-pin connector -T16- , diagnosis connection



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1.23 Data bus diagnostic interface -J533-

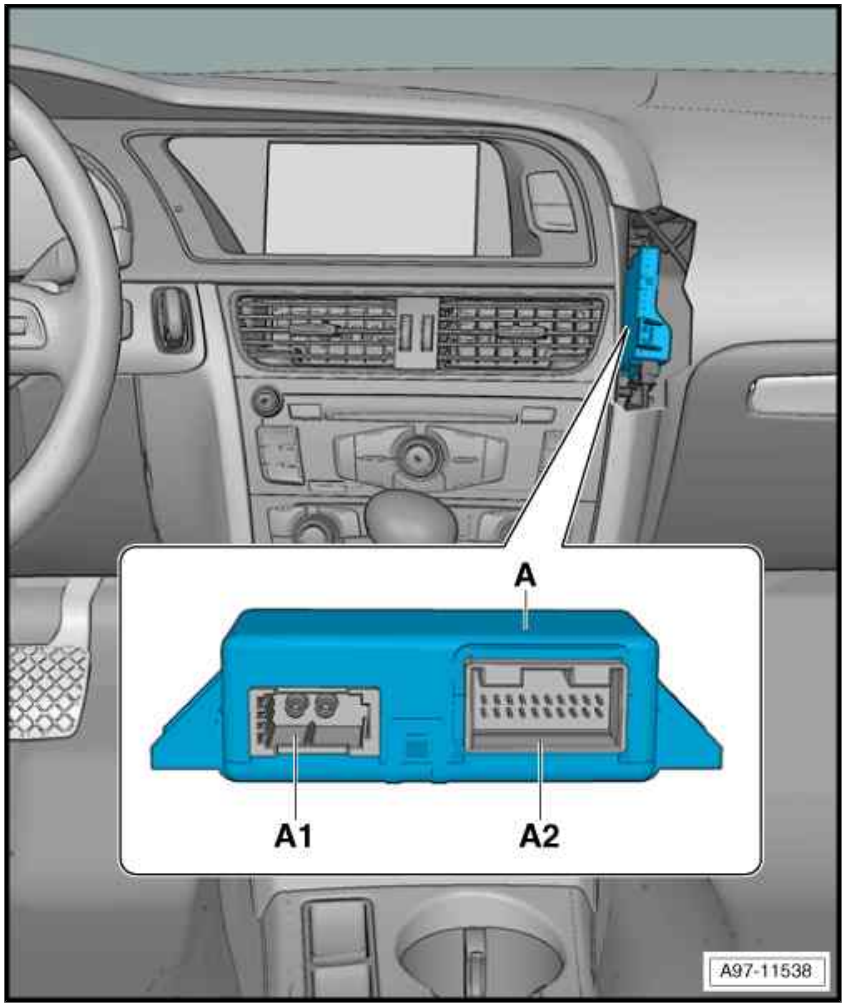
Fitting location:

below the dash panel.

A - Data bus diagnostic interface -J533-

A1 - 2-pin connector -T2dl-

A2 - 20-pin connector -T20d-



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1.24 Control unit in dash panel insert -J285-

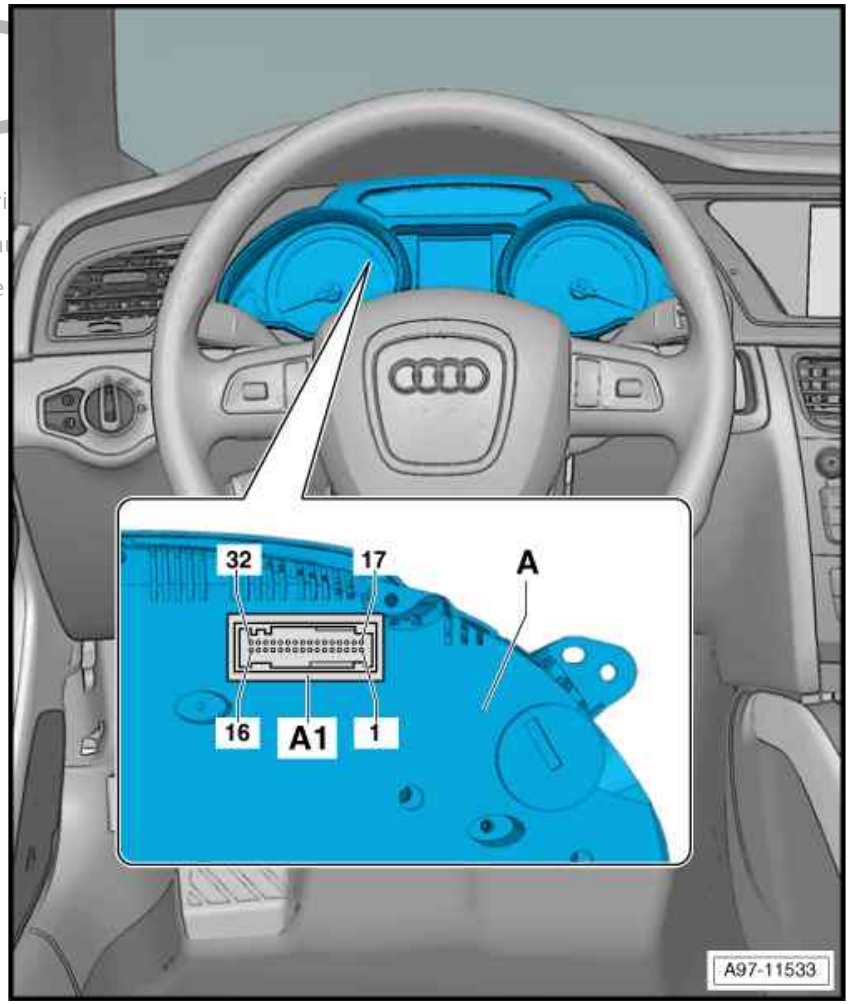
Fitting location:

in the dash panel.

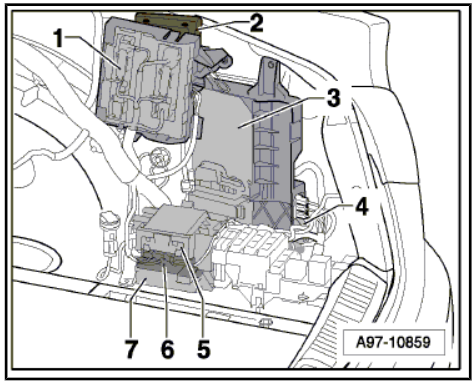
A - Control unit in dash panel insert -J285-

A1 - 32-pin connector, grey -T32f-

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1.25 Control units on right in luggage compartment



Fitting location:

1 - Comfort system central control unit -J393-

Connectors on convenience system central control unit -J393- ⇒ page 37

2 - Aerial amplifier for mobile telephone -R86-

3 - Electronically controlled damping control unit -J250-

Connectors on electronically controlled damping control unit -J250- ⇒ page 39

4 - Reversing camera system control unit -J772-

5 - Trailer detector control unit -J345-

Connectors on trailer detector control unit -J345- ⇒ page 40

6 - Parking steering assist control unit -J791-

Connectors on park assist steering control unit -J791- ⇒ page 41

7 - Control unit for electromechanical parking brake -J540-

1.25.1 Connectors on convenience system central control unit -J393-

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1 - 17-pin connector, black (connector A) -T17o-

2 - 32-pin connector, black (connector B) -T32c-

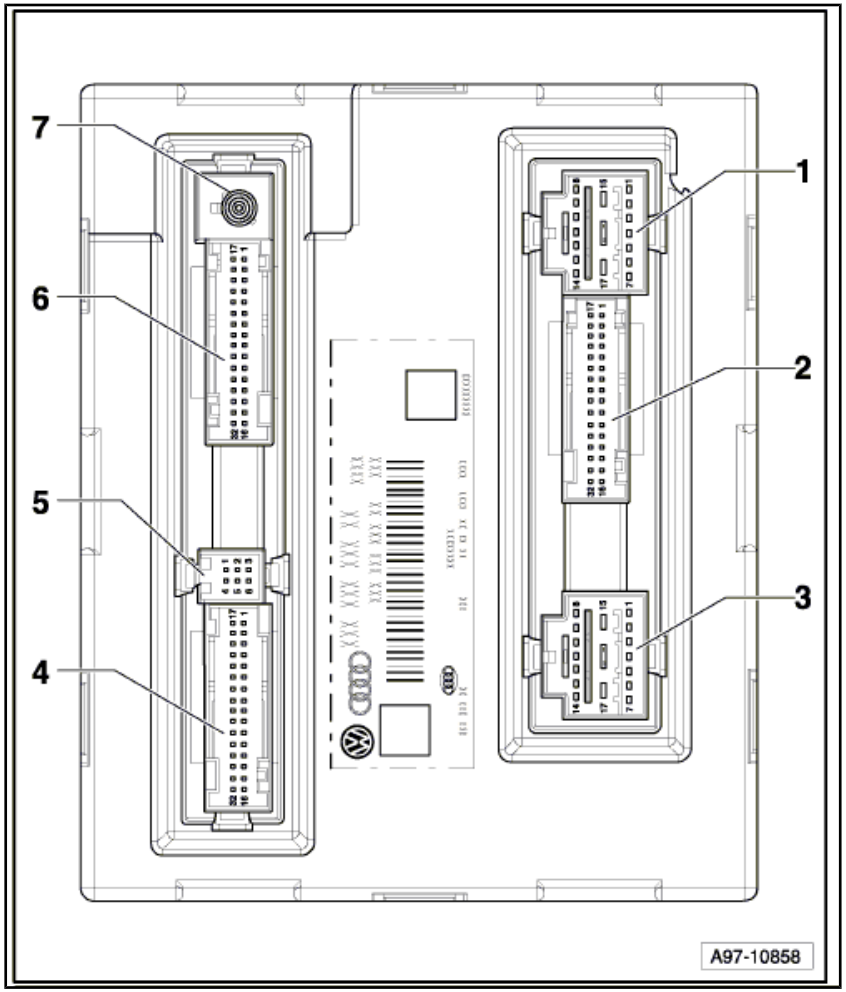
3 - 17-pin connector, brown (connector C) -T17p-

4 - 32-pin connector, blue (connector F) -T32e-

5 - 6-pin connector (connector G) -nicht belegt-

6 - 32-pin connector, grey (connector E) -T32d-

7 - 1-pin connector, grey (connector D) -T1h-



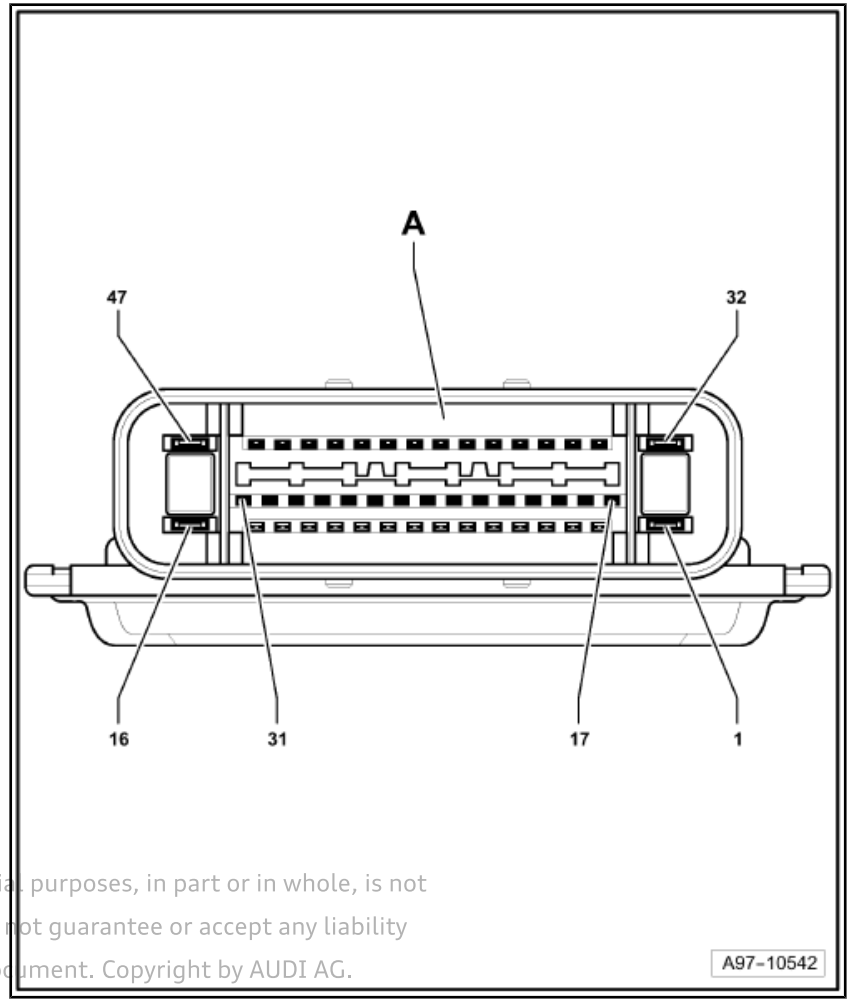
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1.25.2 Connectors on electronically controlled damping control unit -J250-

A - Electronically controlled damping control unit -J250-

Connector:

- 47-pin connector -T47a-



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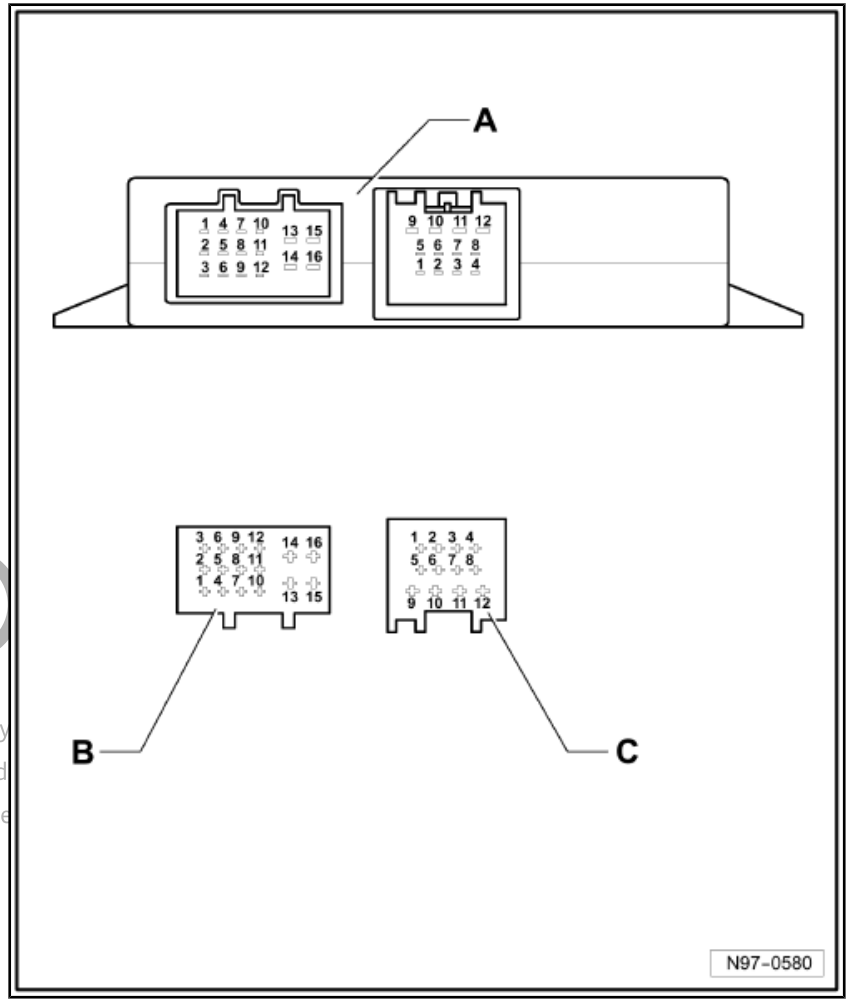
1.25.3 Connectors on trailer detector control unit -J345-

A - Trailer detector control unit -J345-

Connectors:

B - 16-pin connector, black -T16d-

C - 12-pin connector, red -T12d-



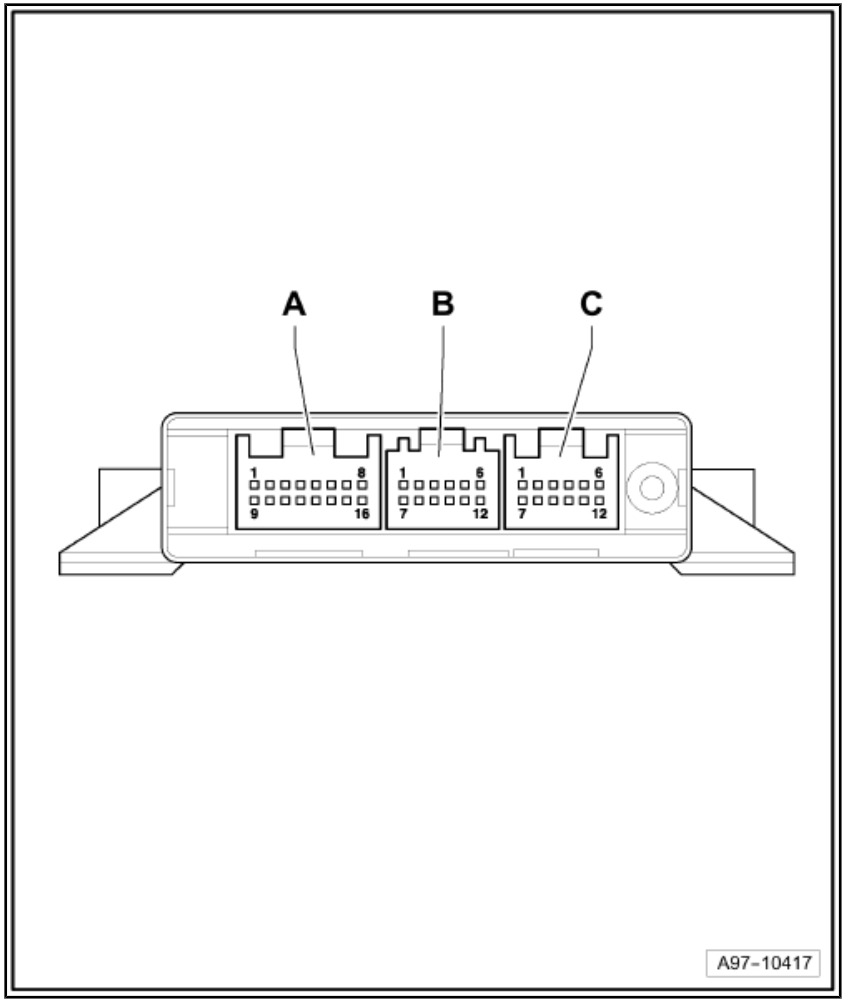
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1.25.4 Connectors on park assist steering control unit -J791-

A - 16-pin connector, brown -T16e-

B - 12-pin connector, brown -T12e-

C - 12-pin connector, black -T12g-



1.26 All-wheel drive control unit -J492-

Location for coupe (2-door) models:

In spare wheel recess, in front of battery

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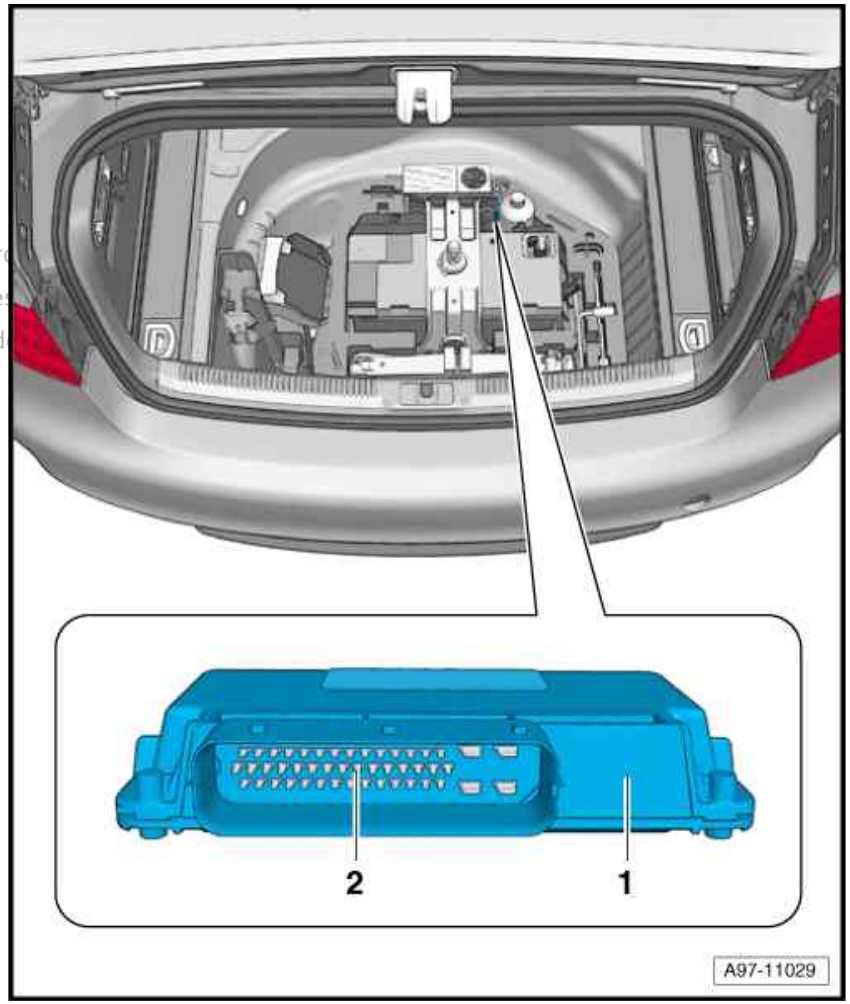
Note

- *Illustration shows coupe (2-door).*
- *Illustration for sportback (5-door) models* ⇒ page 43 .

1 - All-wheel drive control unit -J492-

2 - 47-pin connector -T47b-

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Location for sportback (5-door) models:

on right wheel housing.

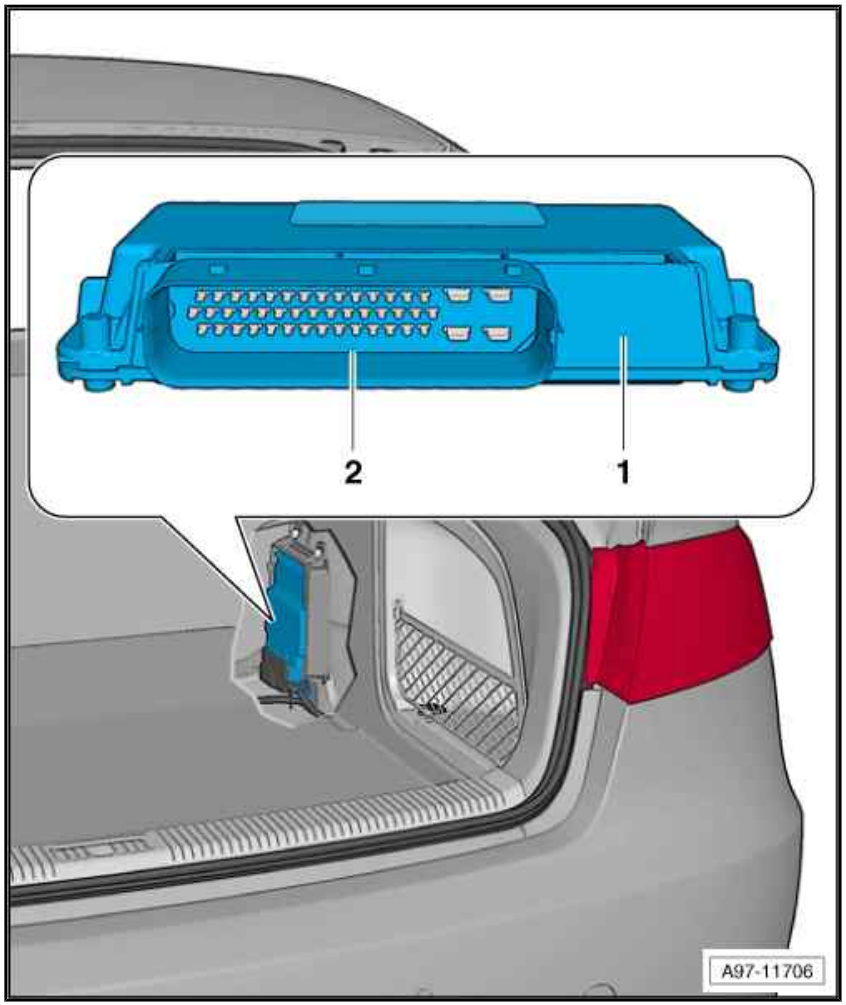
Note

- *Illustration shows sportback (5-door) model.*
- *Illustration for coupe (2-door) models* ⇒ page 41 .

1 - All-wheel drive control unit -J492-

2 - 47-pin connector -T47b-

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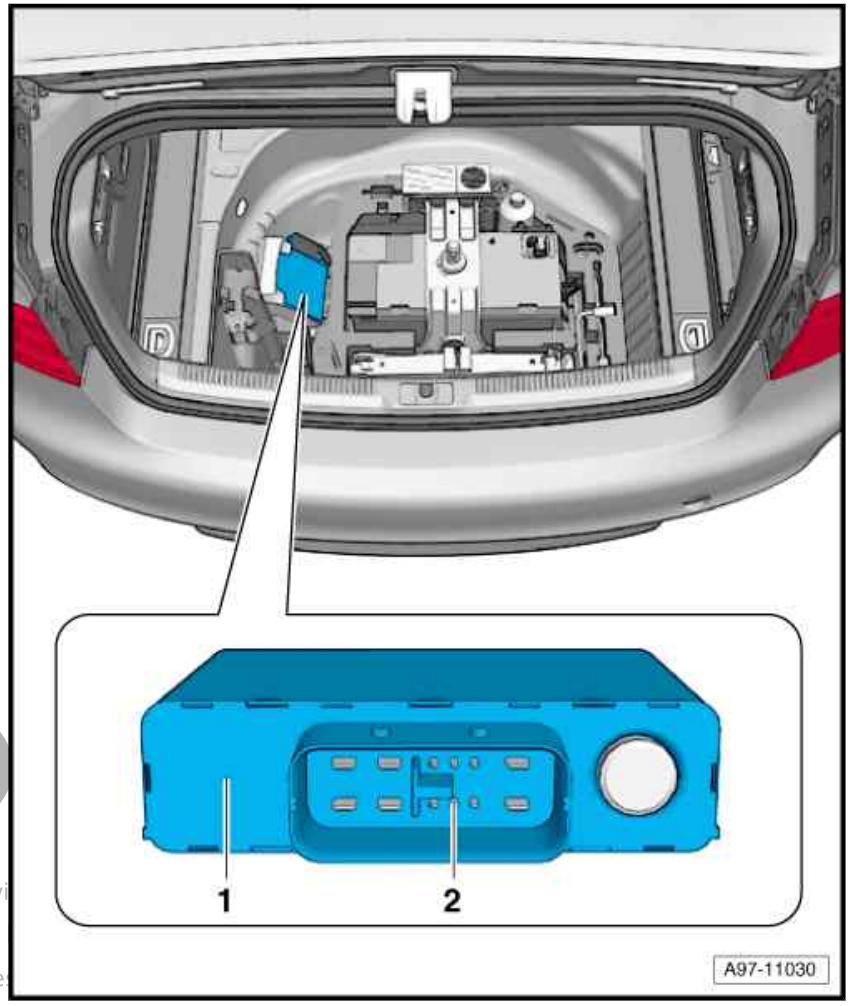
1.27 Voltage stabiliser -J532-

Fitting location:

In spare wheel recess, on left next to battery.

1 - Voltage stabiliser -J532-

2 - 12-pin connector -T12aa-



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1.28 Battery monitor control unit -J367-

Fitting location:

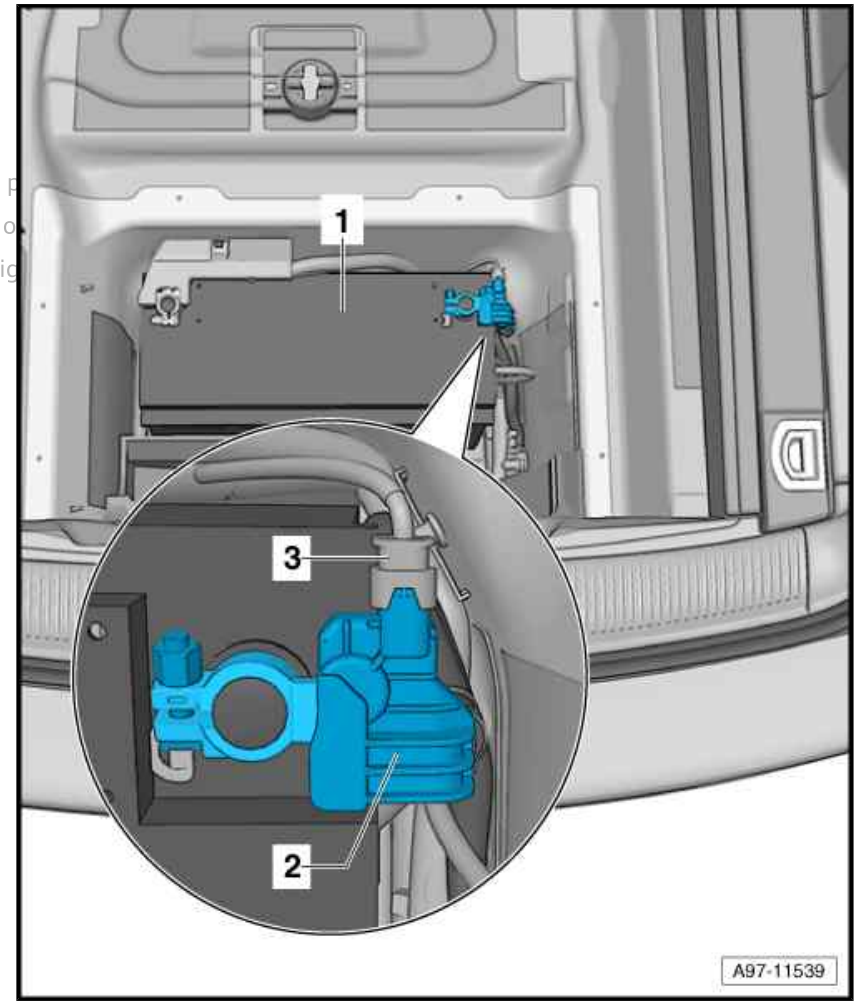
on negative terminal of battery -A- .

1 - battery -A-

2 - Battery monitor control unit -J367-

3 - 2-pin connector -T2x-

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1 Coupling stations

1.1 Overview of coupling stations

Note

Overview also valid for sportback models (5-door).

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1 -
6-pin coupling station of A-pillar, front passenger side

- Connectors: -T5a- , -T5c- , -T10ac- , -T17f- , -T17g- , -T17w- , -T17x-
- Fitting location for models with left-hand drive: ⇒ page 3
- Fitting location for models with right-hand drive: ⇒ page 5

2 - Fuse holder D -SD-

- Connector: -T46s-
- Fitting location for models with left-hand drive: ⇒ page 6
- Fitting location for models with right-hand drive: ⇒ page 8

3 - Connection for external audio source -R199- (AMI)

- Location for models with -R199- as Audi music interface (AMI - MOST): ⇒ page 18
- Location for models with -R199- as Audi music interface (AMI - CAN): ⇒ page 19
- Location for models with -R199- as AUX connection: ⇒ Item 5 (page 2)

4 -
Seat wiring coupling station, front passenger side

- Connectors: -T3h- , -T6k- , -T10m- , -T10n-
- Fitting location: ⇒ page 9

5 - Connection for external audio source -R199- (AUX)

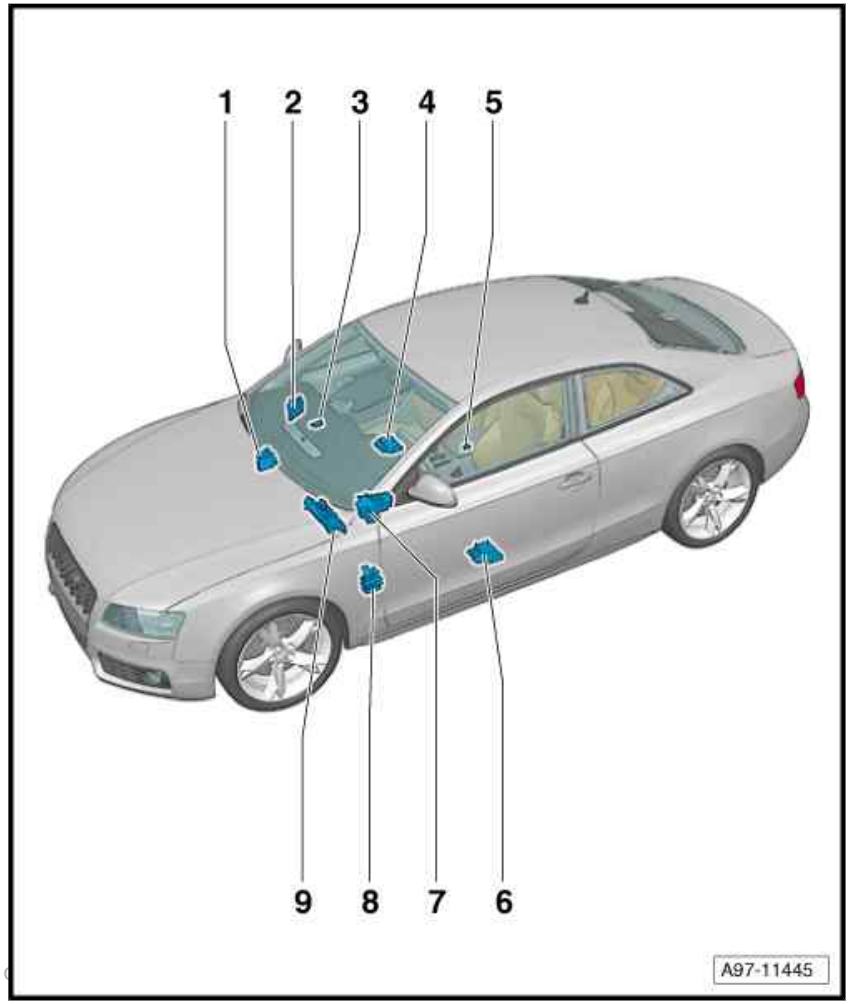
- Location for models with -R199- as AUX connection: ⇒ page 21

6 -
Seat wiring coupling station, driver side

- Connectors: -T3k- , -T6l- , -T10o- , -T10p-
- Fitting location: ⇒ page 9

7 - Relay/fuse holder with onboard control unit -J519-

- Screw connection: 500
- Fitting location for models with left-hand drive: ⇒ page 15
- Fitting location for models with right-hand drive: ⇒ page 16



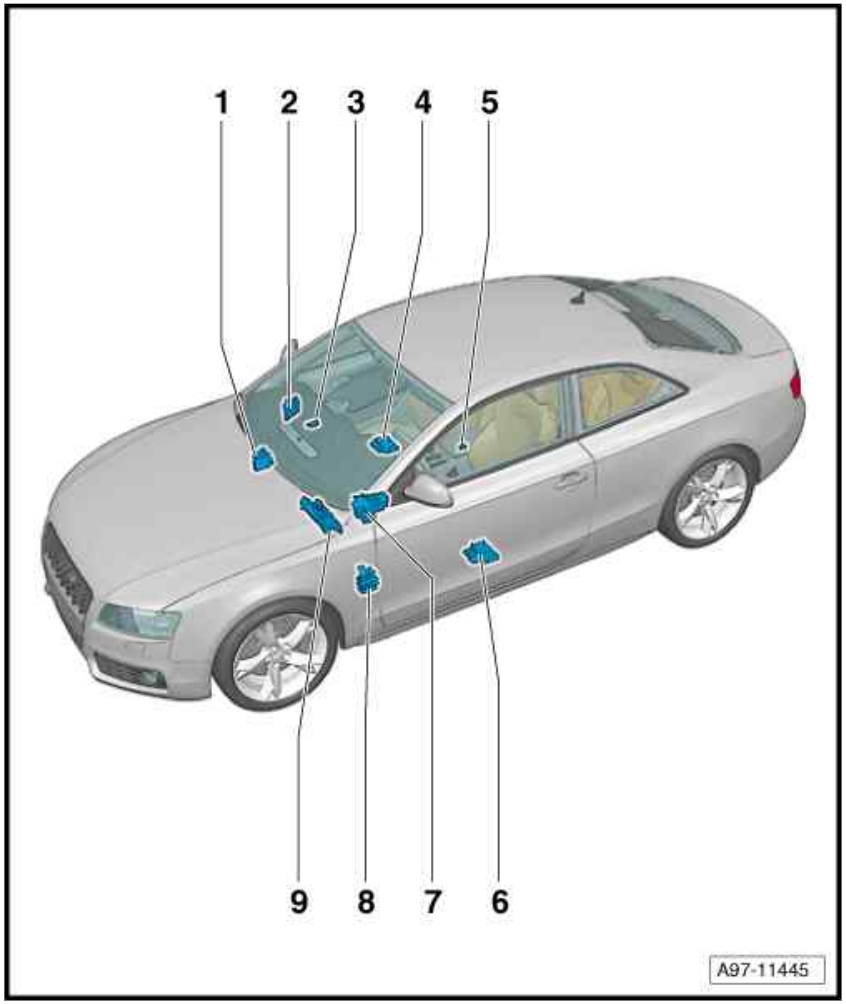
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8 -
6-pin coupling station of A-pillar, driver side

- Connectors: -T5b- , -T17b- , -T17c- , -T17d- , -T17e- , -T17j- , -T46i-
- Fitting location: ⇒ page 10

9 -
Relay/ fuse holder B -SB-

- Connectors and screw connections: -T17q- , -T17r- , -T17t- , (501)
- Fitting location for models with left-hand drive: ⇒ page 13
- Fitting location for models with right-hand drive: ⇒ page 13



1.2 6-pin coupling station of A-pillar, front passenger side

Fitting location of 6-pin coupling station of A-pillar front passenger side for models with left-hand drive

in front passenger footwell on A-pillar, behind side trim

1) applicable up to model year 2009

2) applicable from model year 2010

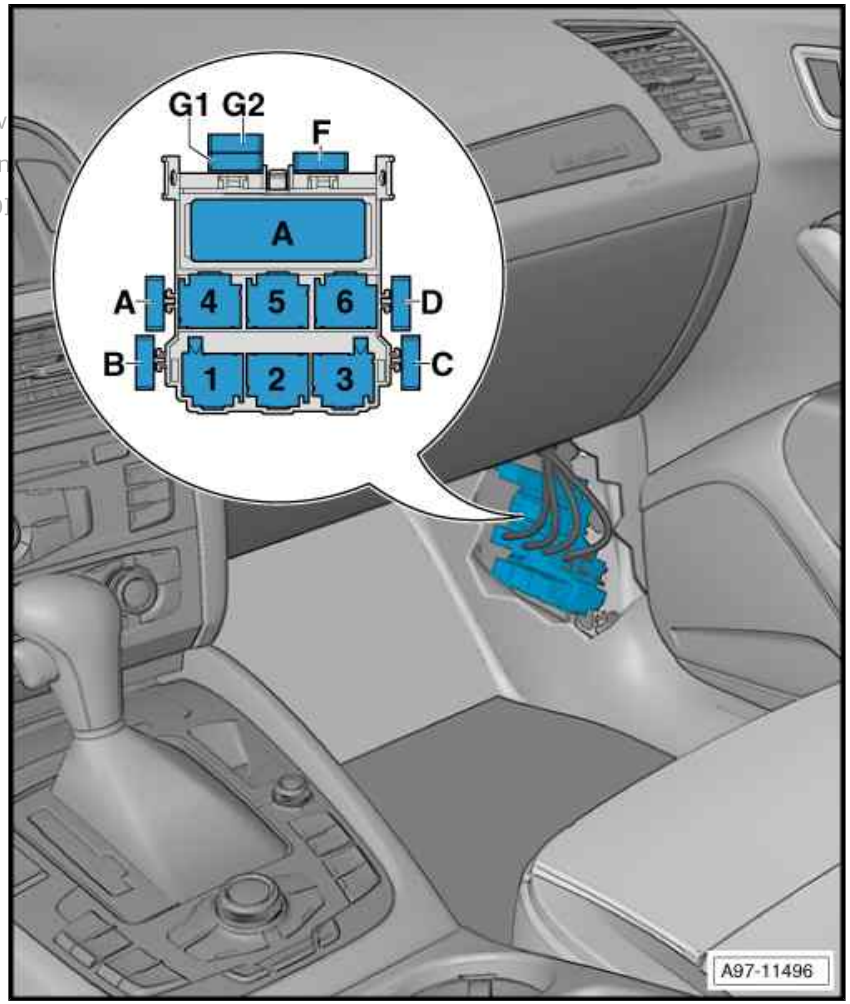
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Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 5 .*

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1 - Not assigned
2 - 17-pin connector, yellow -T17x- 2),
3 - Not assigned
4 - 17-pin connector, black -T17g-
5 - 17-pin connector, brown -T17f-
6 - 10-pin connector, grey -T10ac- 1),
6 - 17-pin connector, white -T17w- 2),
B - 5-pin connector, yellow -T5a- 1),
D - 5-pin connector, yellow -T5c- 1),



Fitting location of 6-pin coupling station of A-pillar passenger side for models with right-hand drive

in front passenger footwell on A-pillar, behind side trim

3) applicable up to model year 2009

4) applicable from model year 2010

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 3 .*

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1 - Not assigned

2 - 17-pin connector, yellow -T17x- [4)]

3 - Not assigned

4 - 17-pin connector, black -T17g-

5 - 17-pin connector, brown -T17f-

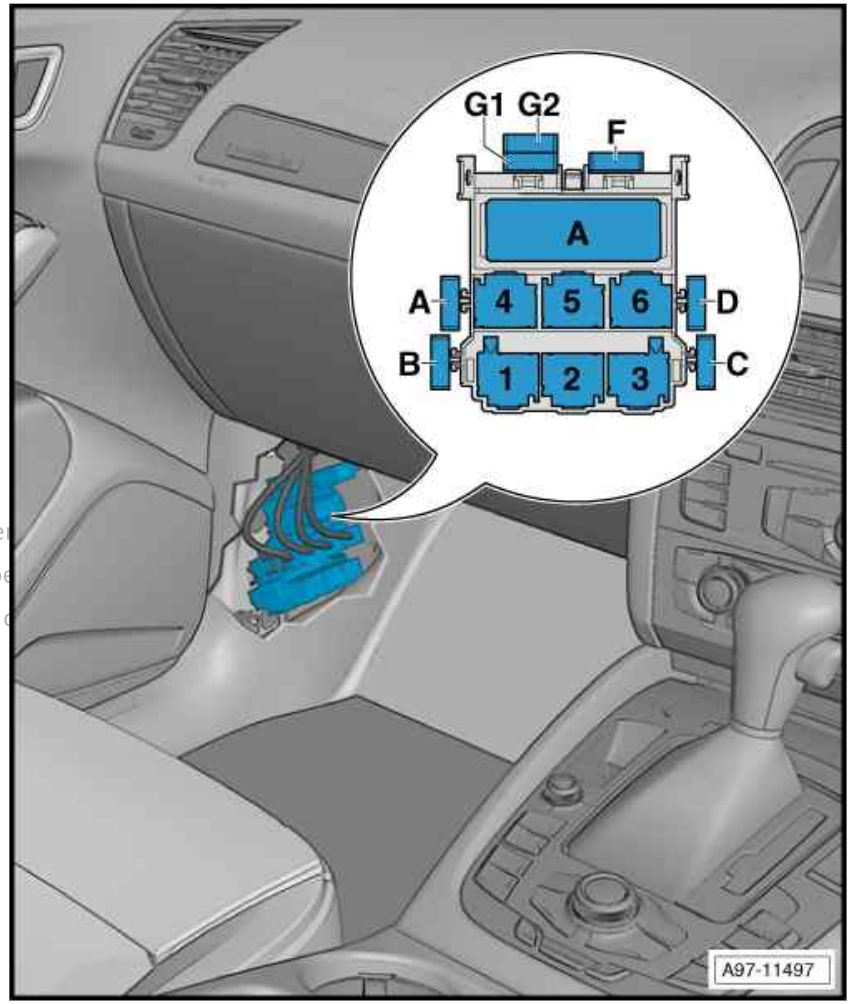
6 - 10-pin connector, grey -T10ac- [3)]

6 - 17-pin connector, white -T17w- [4)]

B - 5-pin connector, yellow -T5a- [3)]

D - 5-pin connector, yellow -T5c- [3)]

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1.3 Fuse holder D -SD-

Location fuse holder D -SD- for models with left-hand drive:

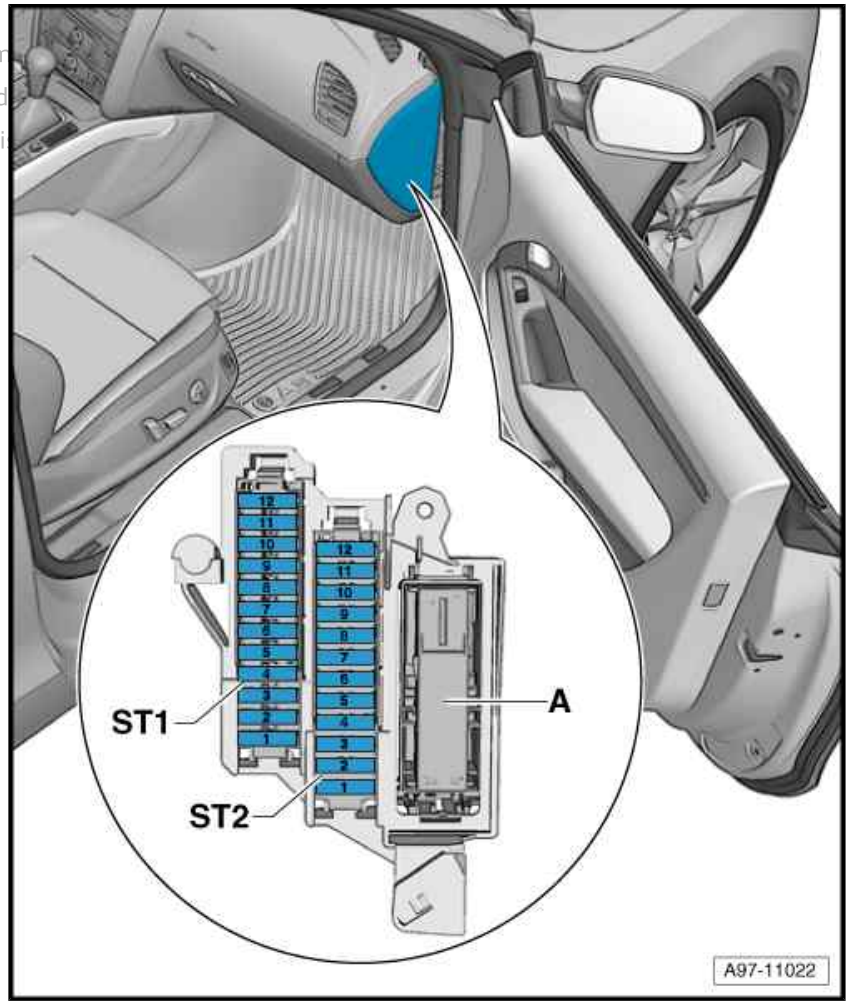
Below the dash panel cover, front passenger side

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 8 .*

A - 46-pin connector, black, CAN disconnector, dash panel -T46s-

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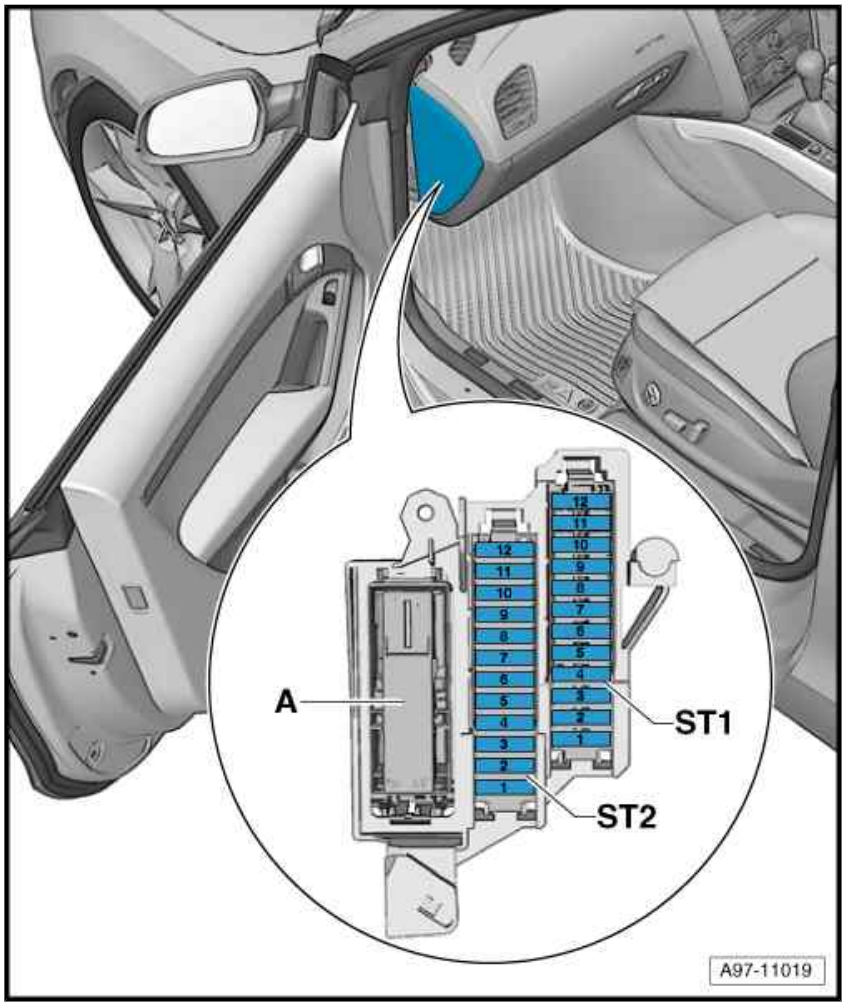
Location fuse holder D -SD- for models with right-hand drive:

Below the dash panel cover, front passenger side

Note

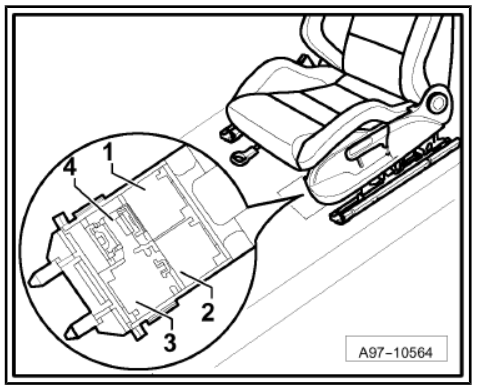
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 6 .*

A - 46-pin connector, black, CAN disconnector, dash panel -T46s-



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1.4 Seat wiring coupling station, driver side



Fitting location:

under driver seat in vehicle floor

Connectors:

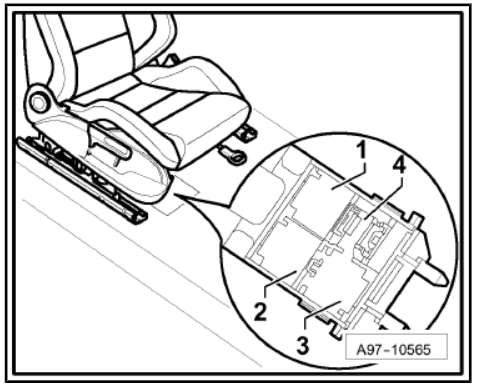
1 - 6-pin connector, green -T6l-

2 - 10-pin connector, red -T10p-

3 - 10-pin connector, black -T10o-

4 - 3-pin connector, yellow -T3k-

1.5 Seat wiring coupling station, front passenger side



Fitting location:

under front passenger seat in vehicle floor

Connectors:

1 - 6-pin connector, green -T6k-

2 - 10-pin connector, red -T10m-

3 - 10-pin connector, black -T10n-

4 - 3-pin connector, yellow -T3h-

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1.6 6-pin coupling station of A-pillar, driver side

Fitting location of 6-pin coupling station of A-pillar driver side for models with left-hand drive

in driver's footwell on A-pillar, behind side trim

5) applicable up to model year 2009

1 - 17-pin connector, green -T17j-

2 - 17-pin connector, red -T17e-

3 - Not assigned

4 - 17-pin connector, brown -T17d-

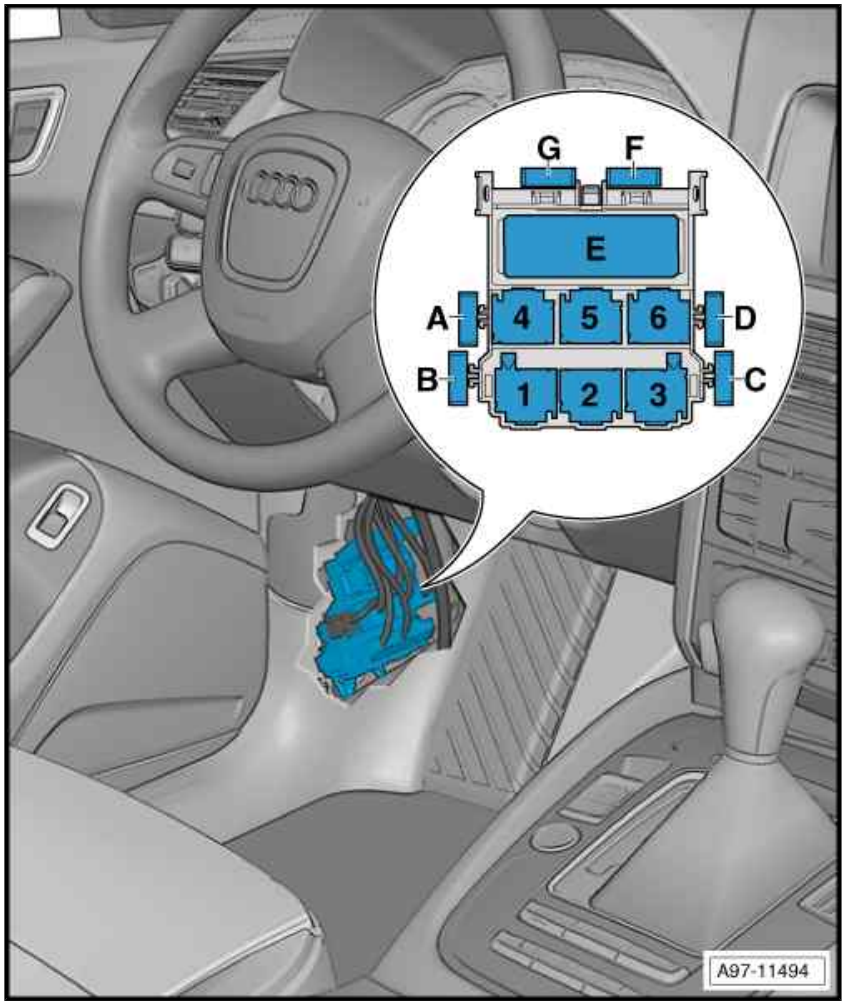
5 - 17-pin connector, black -T17c-

6 - 17-pin connector, blue -T17b-

A - 5-pin connector, yellow -T5b- 5)

E - 46-pin connector, black, CAN disconnector -T46i-

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Fitting location of 6-pin coupling station of A-pillar driver side for models with right-hand drive:

in driver's footwell on A-pillar, behind side trim

6) applicable up to model year 2009

Note

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- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 10 .*

1 - 17-pin connector, green -T17j-

2 - 17-pin connector, red -T17e-

3 - Not assigned

4 - 17-pin connector, brown -T17d-

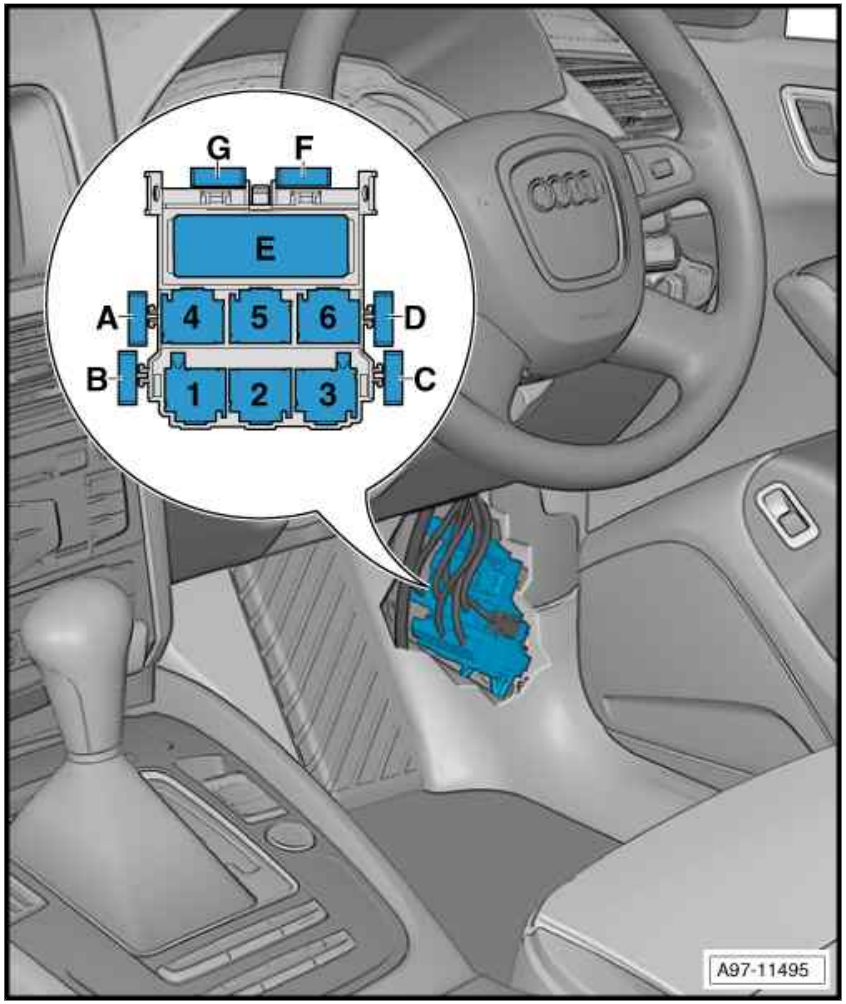
5 - 17-pin connector, black -T17c-

6 - 17-pin connector, blue -T17b-

A - 5-pin connector, yellow -T5b- [6)]

E - 46-pin connector, black, CAN disconnector -T46i-

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1.7 Relay/ fuse holder B -SB-

Location, relay/ fuse holder B -SB- for models with left-hand drive:

In electronics box in plenum chamber, driver side

Note

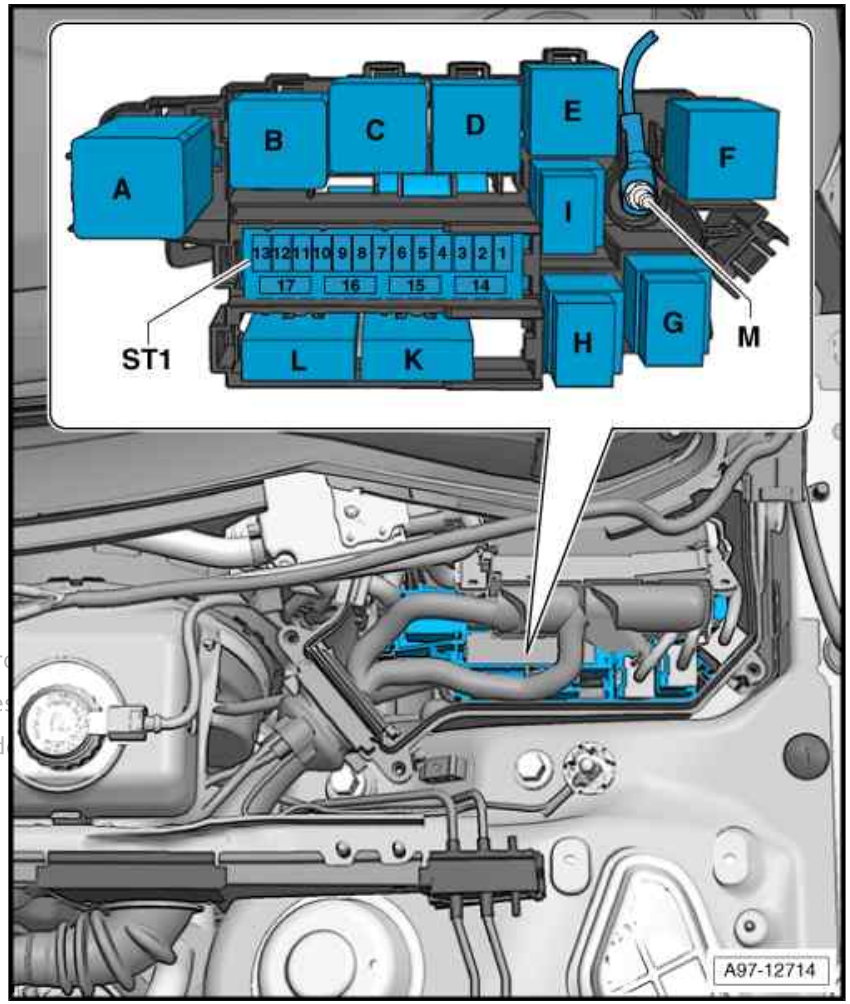
- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 13 .*
- *-SB14- to -SB17- in -ST1- for RS5 and models from August 2011 only.*

G - 17-pin connector, red -T17q-

H - 17-pin connector, white -T17r-

I - 17-pin connector, brown -T17t-

M - (501) Screw connection 2 (30), on relay plate



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Location, relay/ fuse holder B -SB- for models with right-hand drive:

In electronics box in plenum chamber, driver side

Note

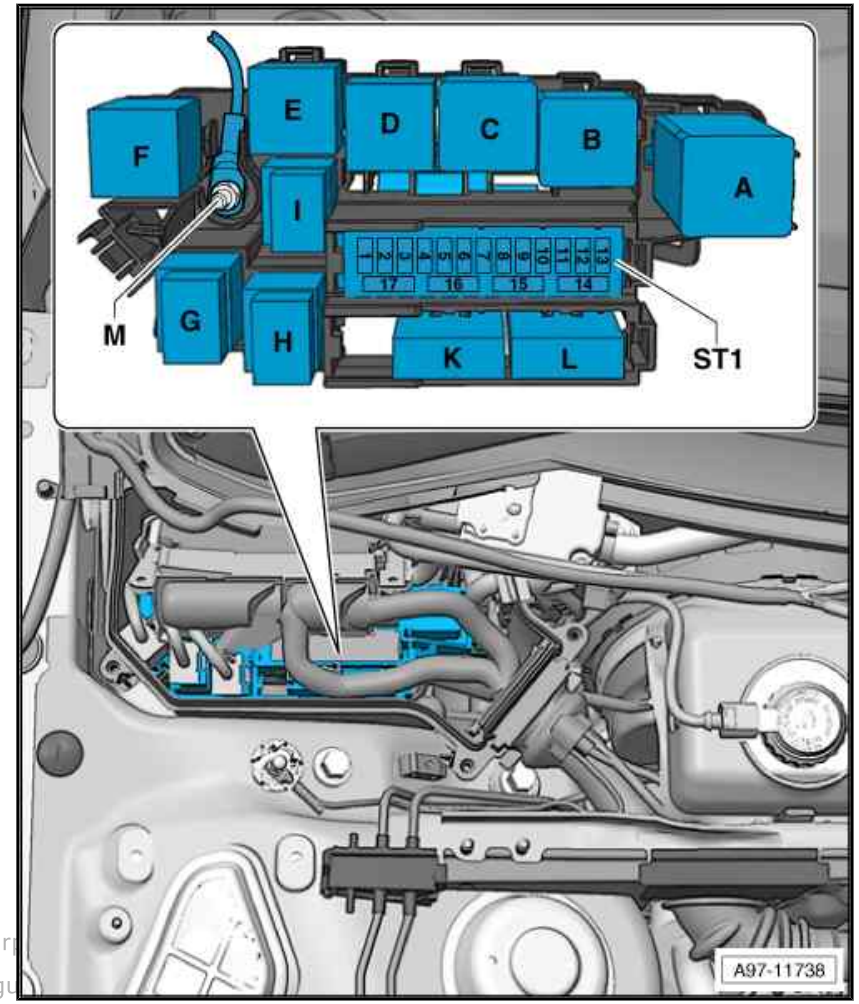
- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models ⇒ page 13 .*
- *-SB14- to -SB17- in -ST1- for RS5 and models from August 2011 only.*

G - 17-pin connector, red -T17q-

H - 17-pin connector, white -T17r-

I - 17-pin connector, brown -T17t-

M - (501) Screw connection 2 (30), on relay plate



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1.8 Relay/fuse holder with onboard control unit -J519-

Location, relay and fuse holder with onboard supply control unit -J519- for models with left-hand drive:

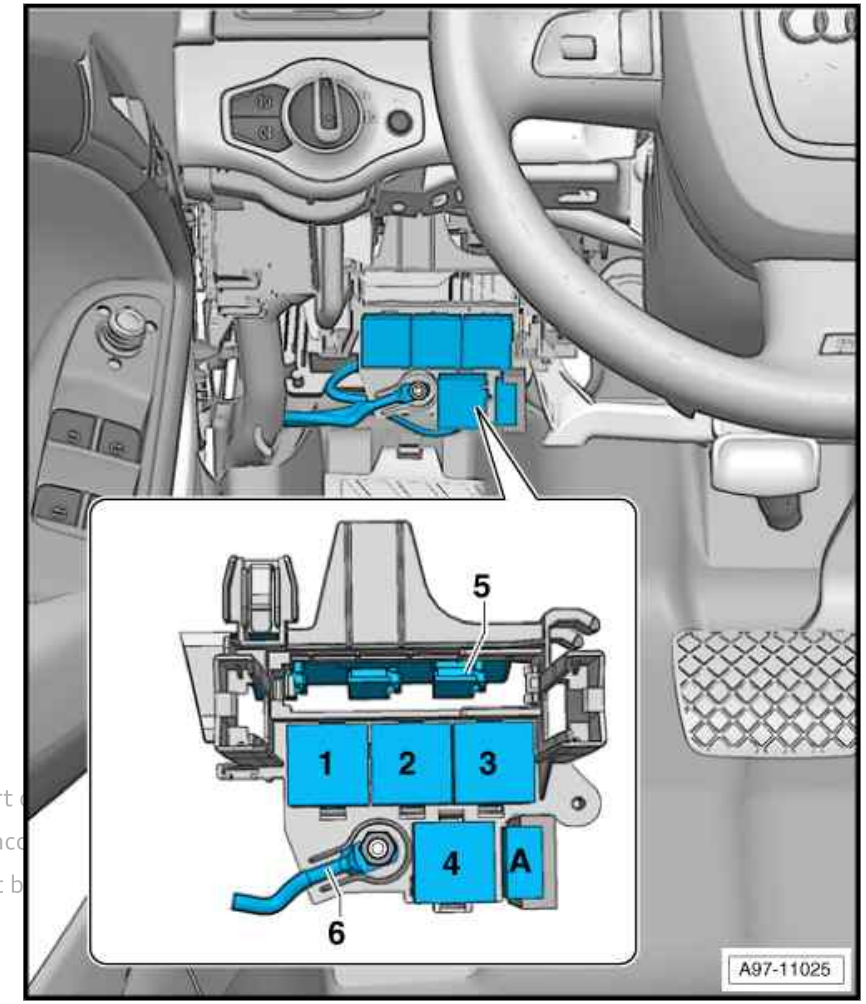
Below the dash panel, driver side

Note

- *Figure shows left-hand drive model.*
- *Figure for right-hand drive models ⇒ page 16 .*

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6 - (500) Screw connection 1 (30), on relay plate



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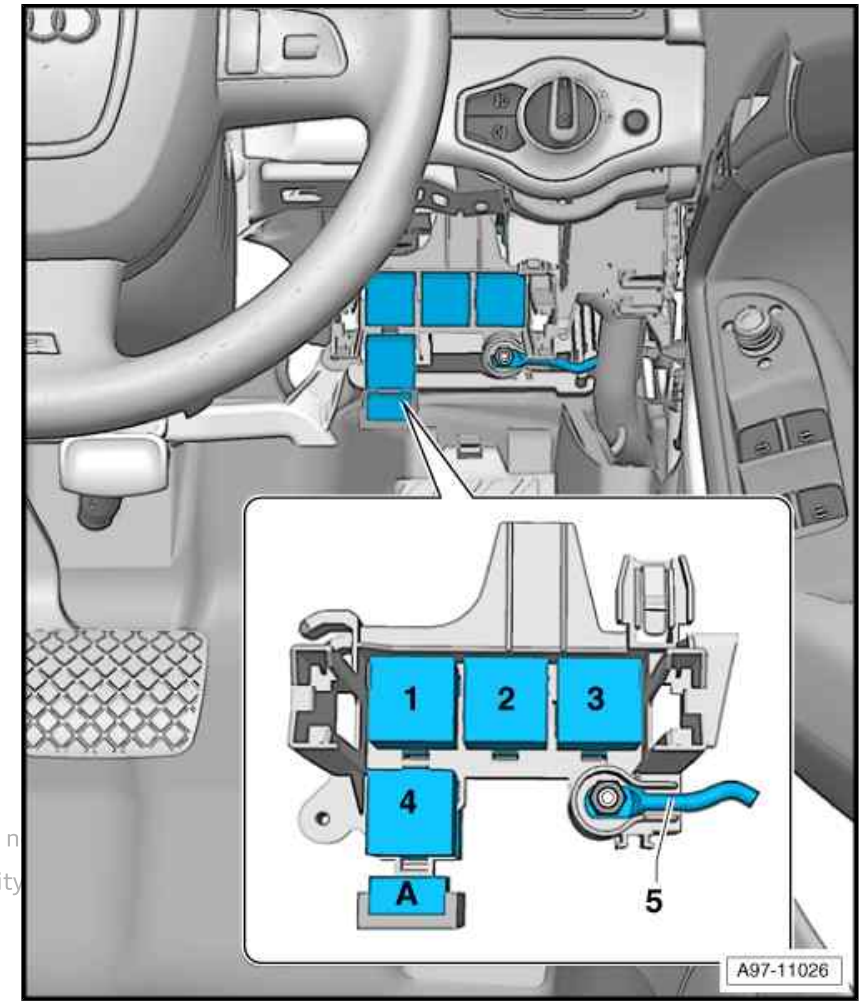
Location, relay and fuse holder with onboard supply control unit -J519- for models with right-hand drive:

Below the dash panel, driver side

Note

- *Figure shows right-hand drive model.*
- *Figure for left-hand drive models* ⇒ *page 15* .

5 - (500) **Screw connection 1 (30), on relay plate**



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1.9 Connection for external audio sources -R199- as Audi music interface (AMI - MOST)

Fitting location:

In glove compartment.

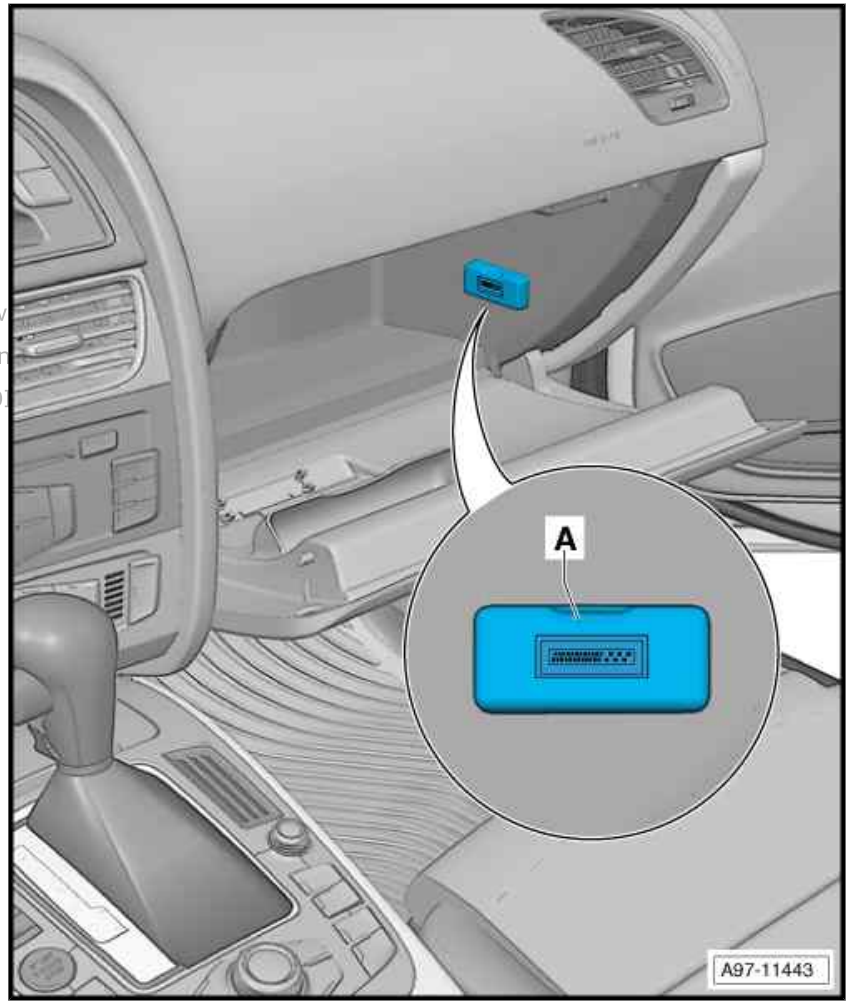
Note

for models with Audi music interface only (AMI - MOST).

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A - Connection for external audio sources -R199-

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1.10 Connection for external audio sources -R199- as Audi music interface (AMI - CAN)

Fitting location:

In glove compartment.

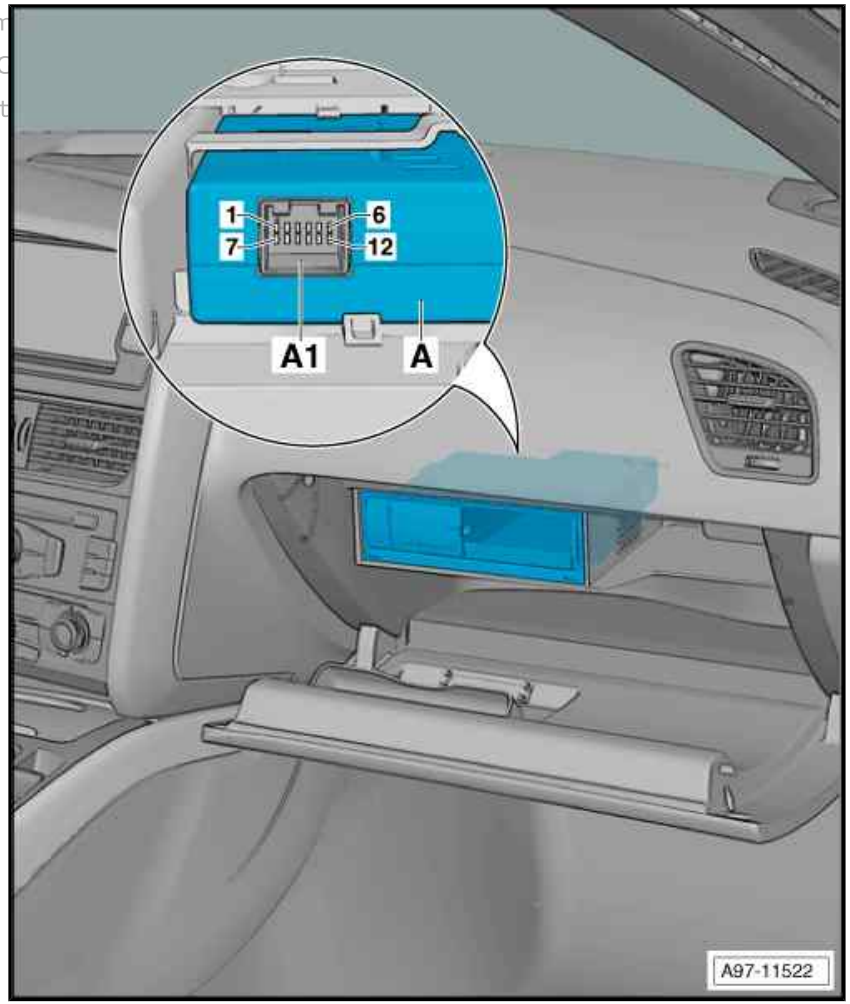
Note

for models with Audi Music Interface only (AMI - CAN).

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A - Connection for external audio sources -R199-

A1 - 12-pin connector -T12t-



1.11 Connection for external audio sources -R199- as AUX connection

Fitting location:

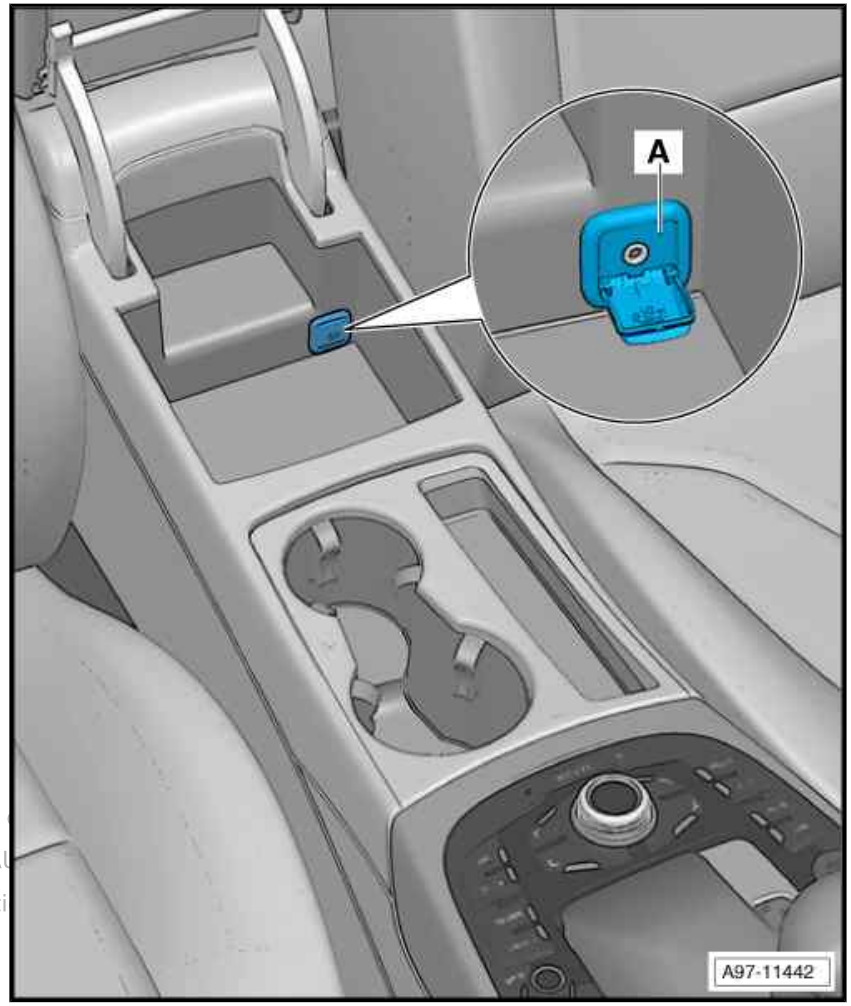
in centre console

Note

For models with AUX connection only.

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A - Connection for external audio sources -R199-



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