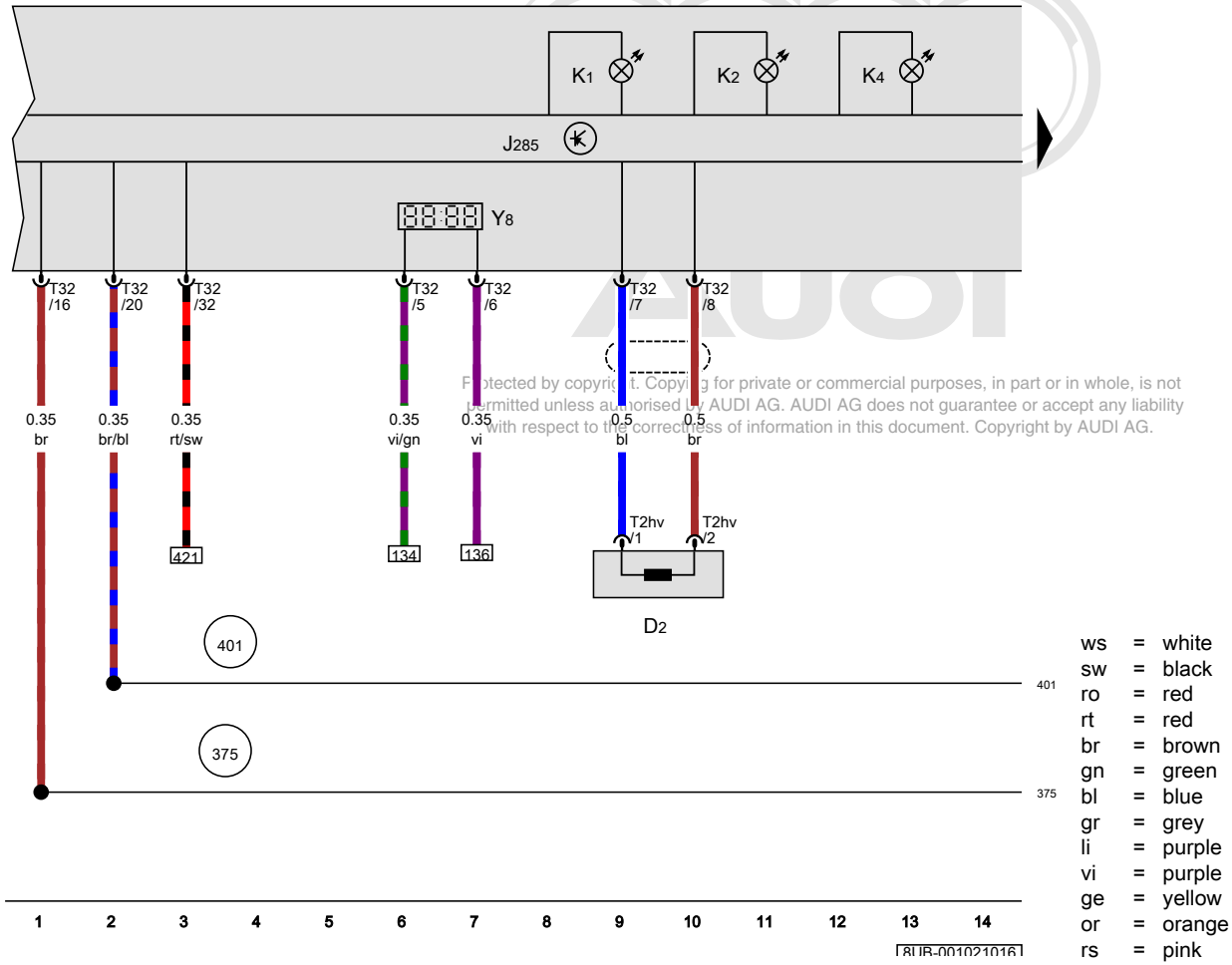
Basic equipment

From August 2011

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Immobiliser reader coil, Control unit in dash panel insert

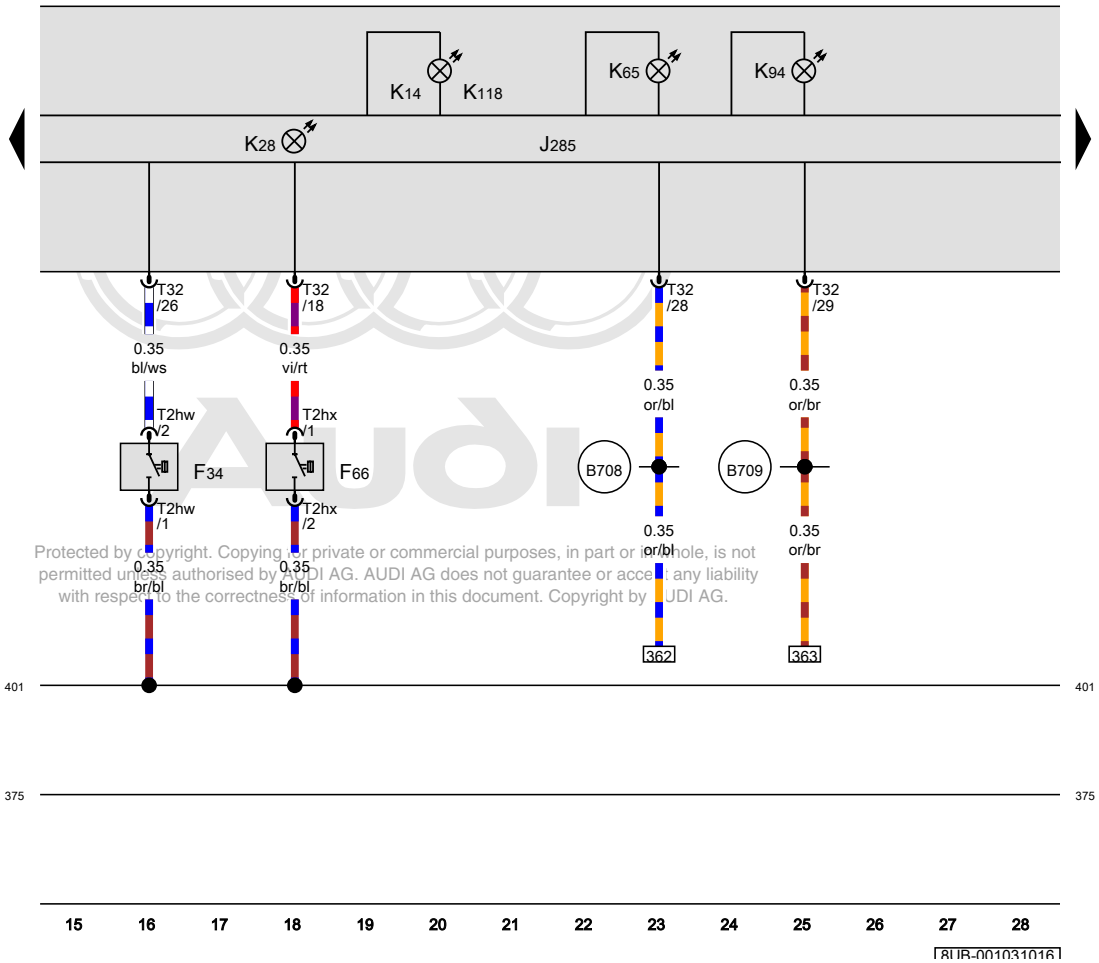
D2	Immobiliser reader coil
J285	Control unit in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light warning lamp
T2hv	2-pin connector, black
T32	32-pin connector, blue
Y8	Radio controlled clock
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness



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Brake fluid level warning contact, Coolant shortage indicator switch, Control unit in dash panel insert

F34	Brake fluid level warning contact
F66	Coolant shortage indicator switch
J285	Control unit in dash panel insert
K14	Handbrake warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K118	Brake system warning lamp
T2hw	2-pin connector, black
T2hx	2-pin connector, black
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

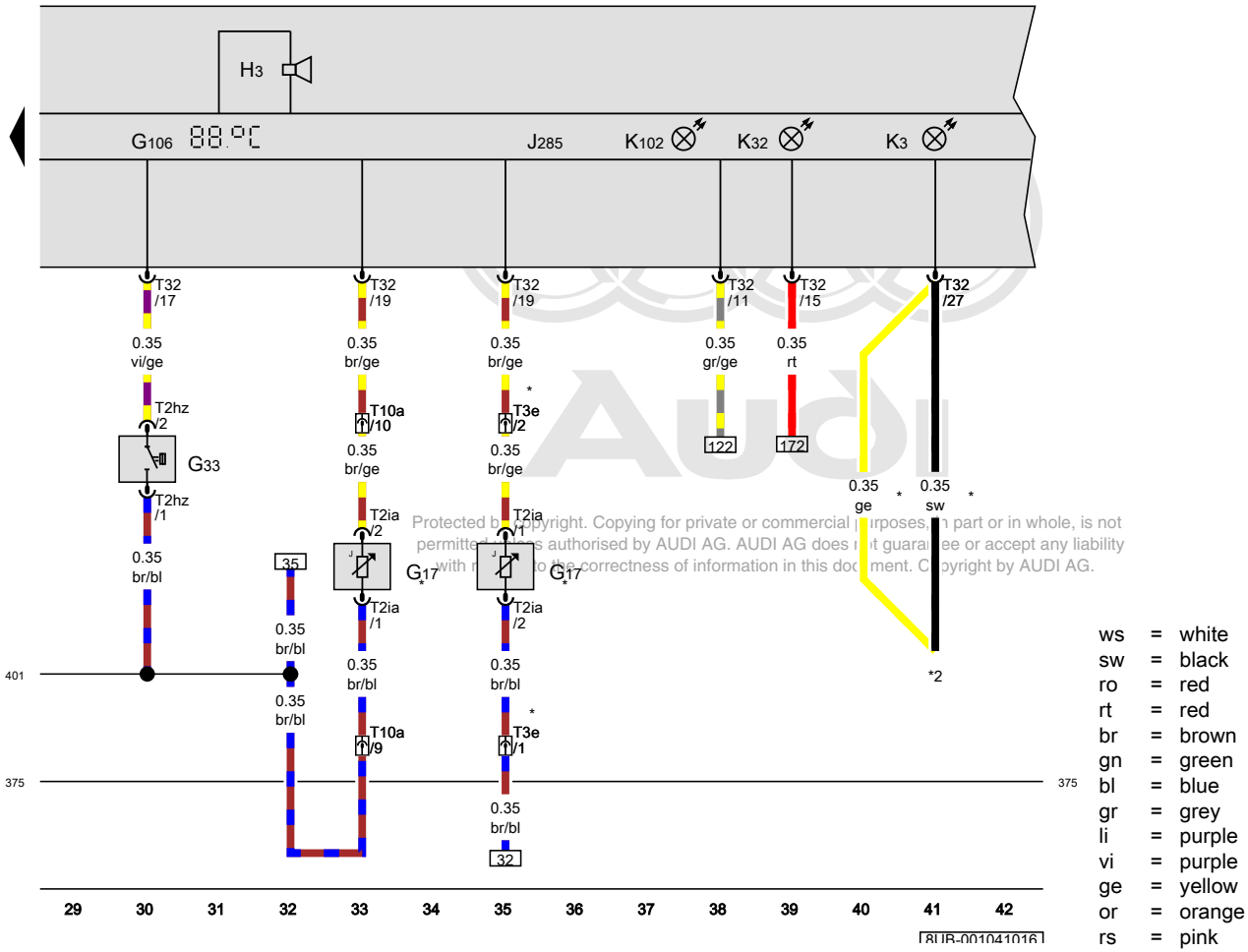


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Ambient temperature sensor, Windscreen washer fluid level sender, Control unit in dash panel insert

G17	Ambient temperature sensor
G33	Windscreen washer fluid level sender
G106	Ambient temperature indicator
H3	Buzzer and gong
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K32	Brake pad warning lamp
K102	Rear lid closed warning lamp,
T2hz	2-pin connector, black
T2ia	2-pin connector, black
T3e	3-pin connector
T10a	10-pin connector, in front bumper on left
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

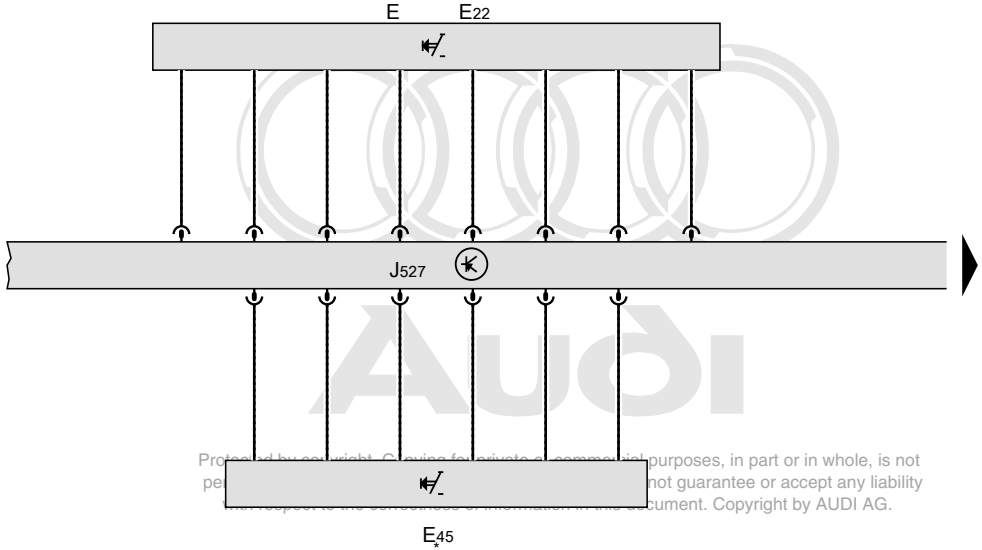


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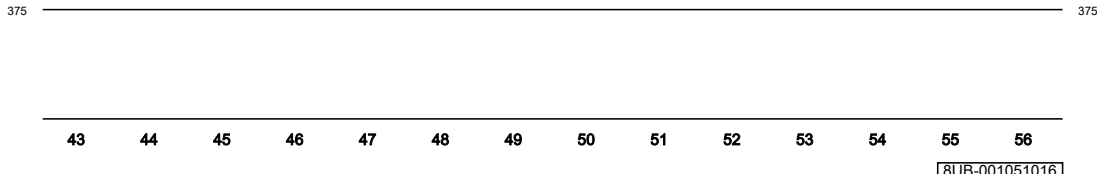
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Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit

E	Windscreen wiper switch
E22	Intermittent wiper switch
E45	Cruise control system switch
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness
*	Only models with cruise control system (CCS)



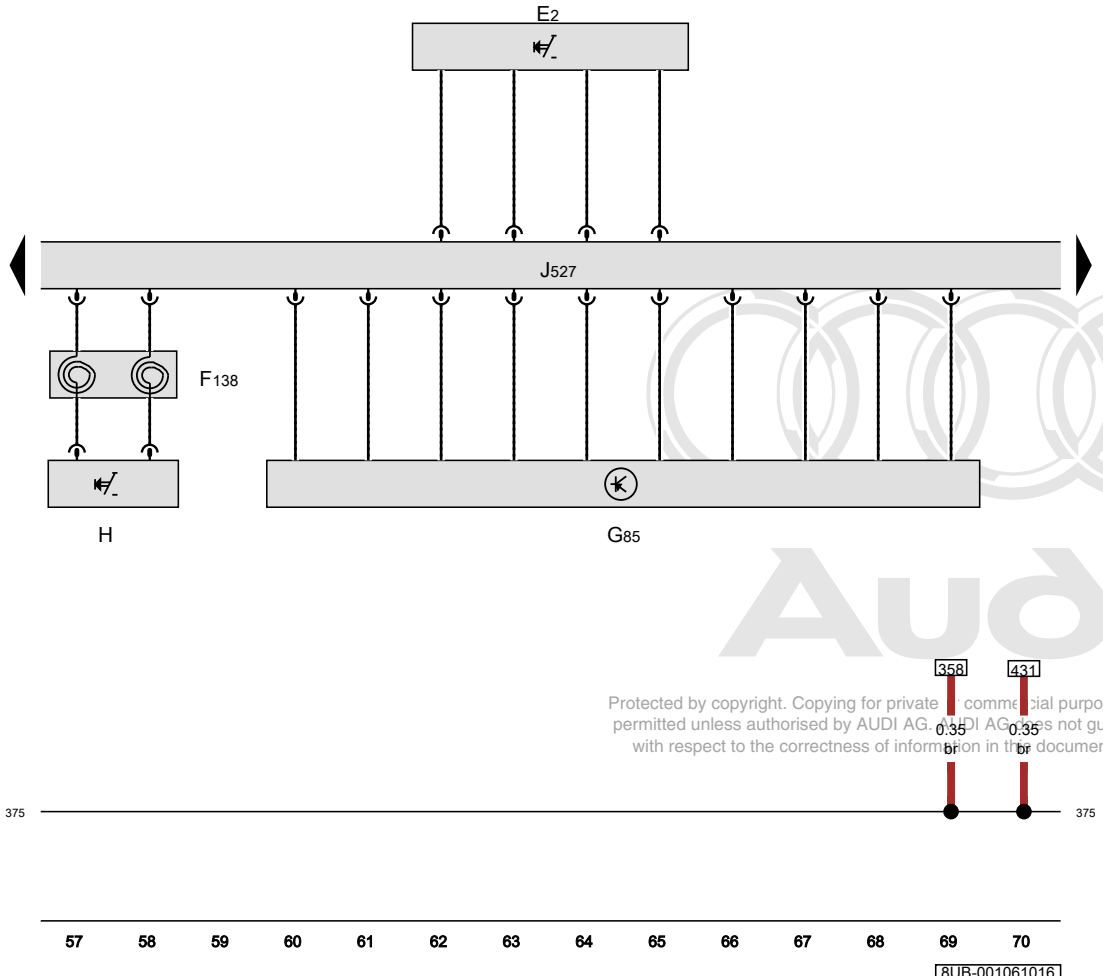
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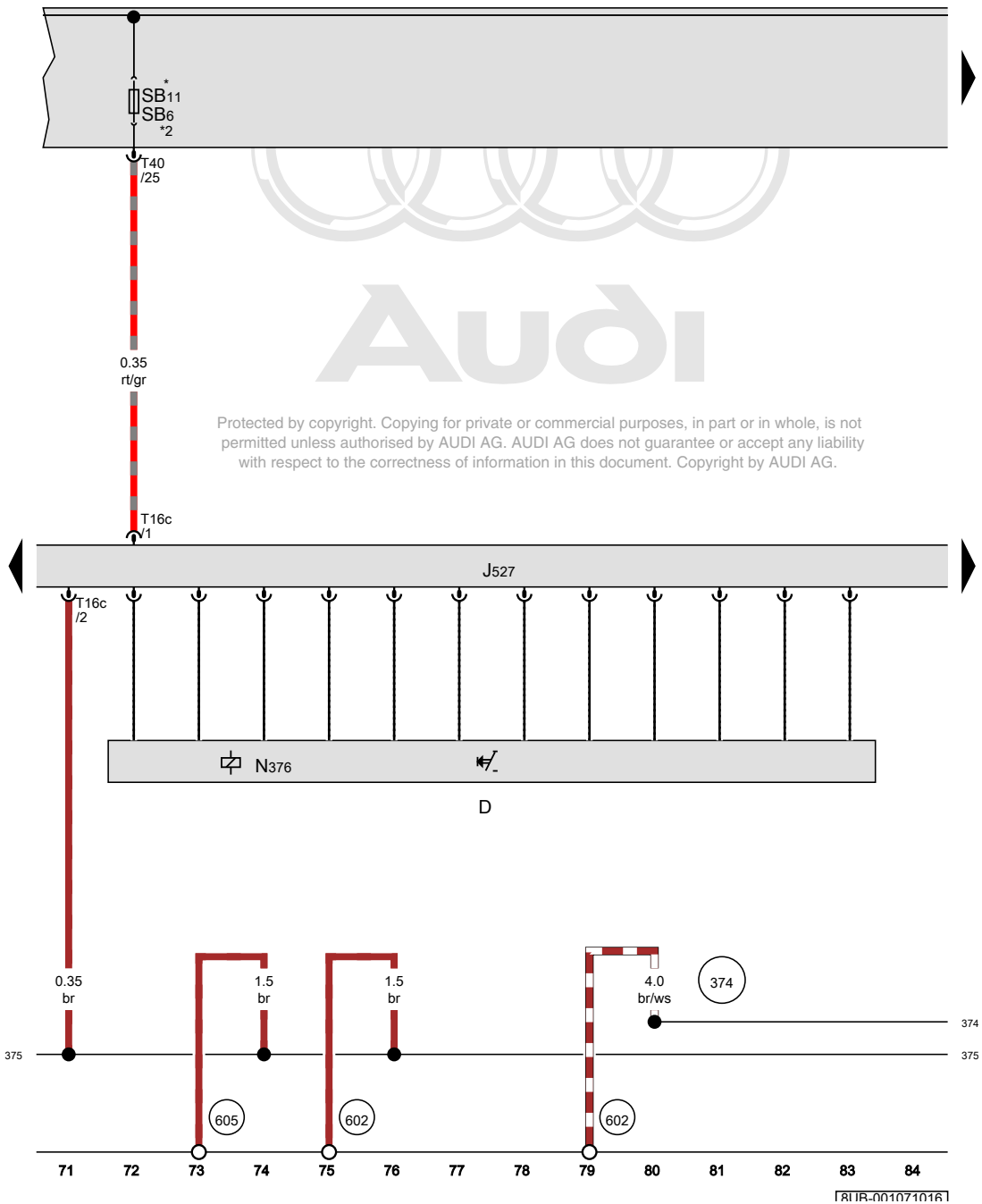
Turn signal switch, Steering angle sender, Horn plate, Steering column electronics control unit

E2	Turn signal switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness



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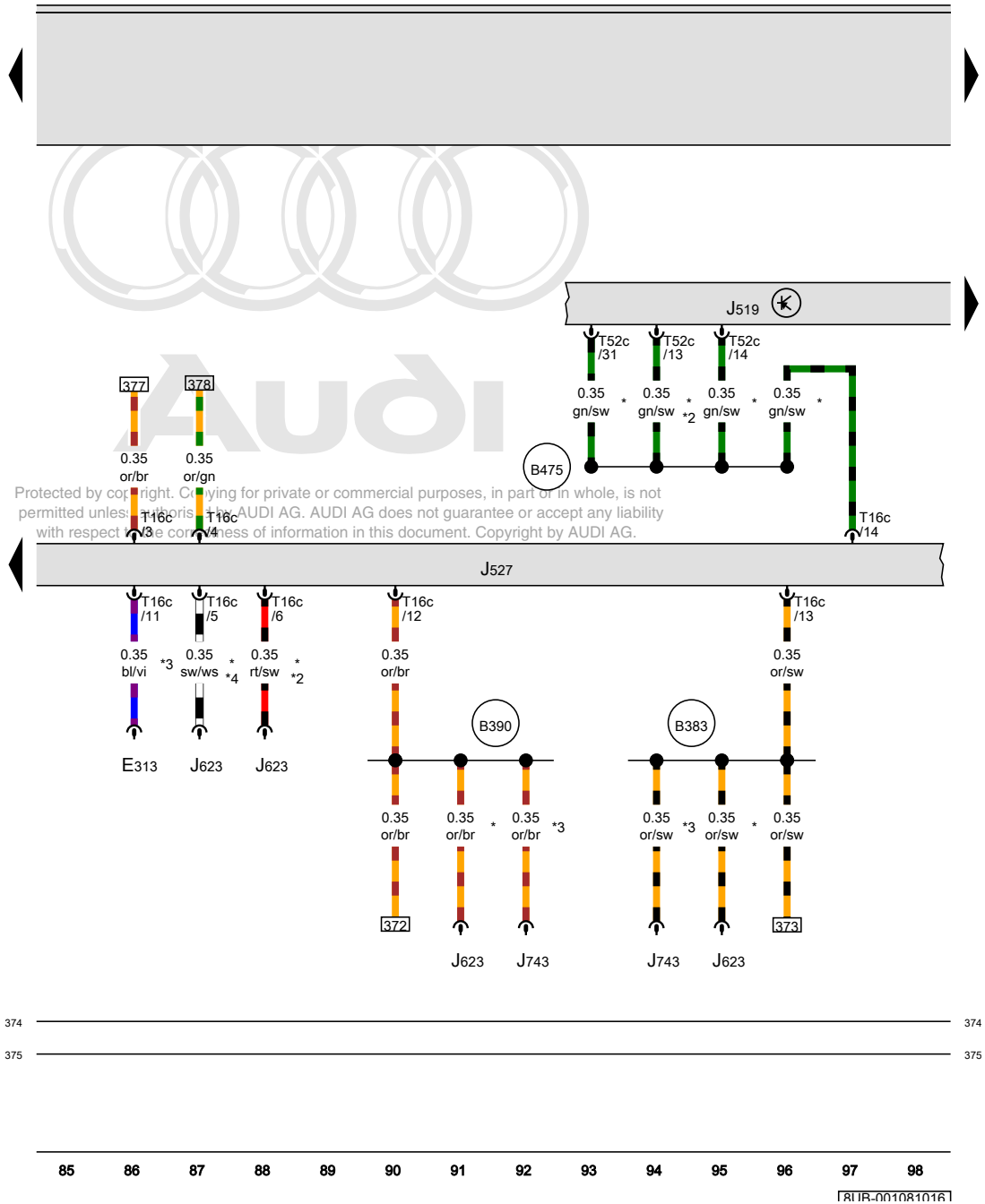


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Ignition/starter switch, Steering column electronics control unit

D	Ignition/starter switch
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	From November 2012
*2	Up to October 2012

ws	=	white
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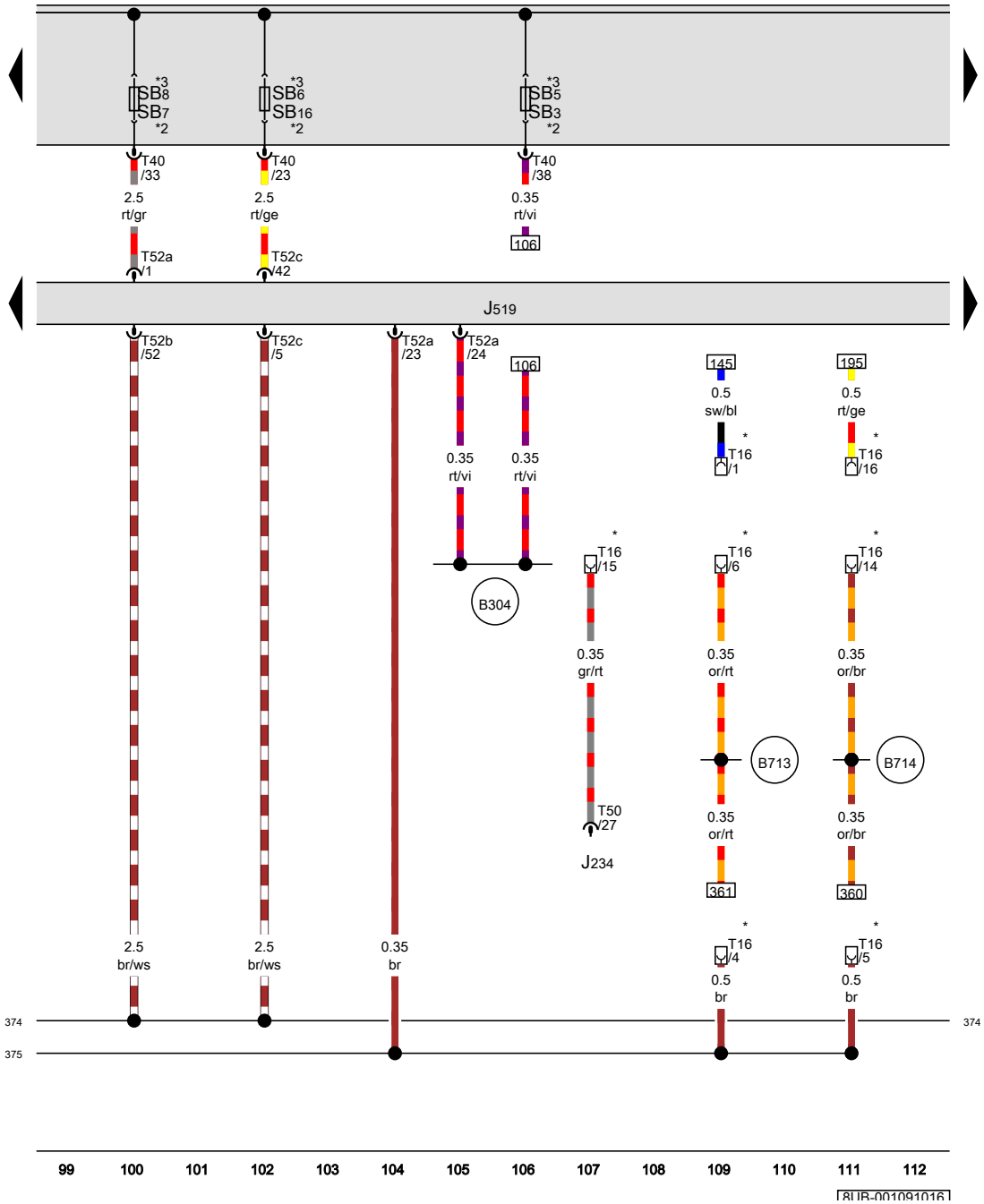


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Onboard supply control unit, Steering column electronics control unit

E313	Selector lever
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T16c	16-pin connector, black
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for automatic gearbox
*4	Only models with cruise control system (CCS)

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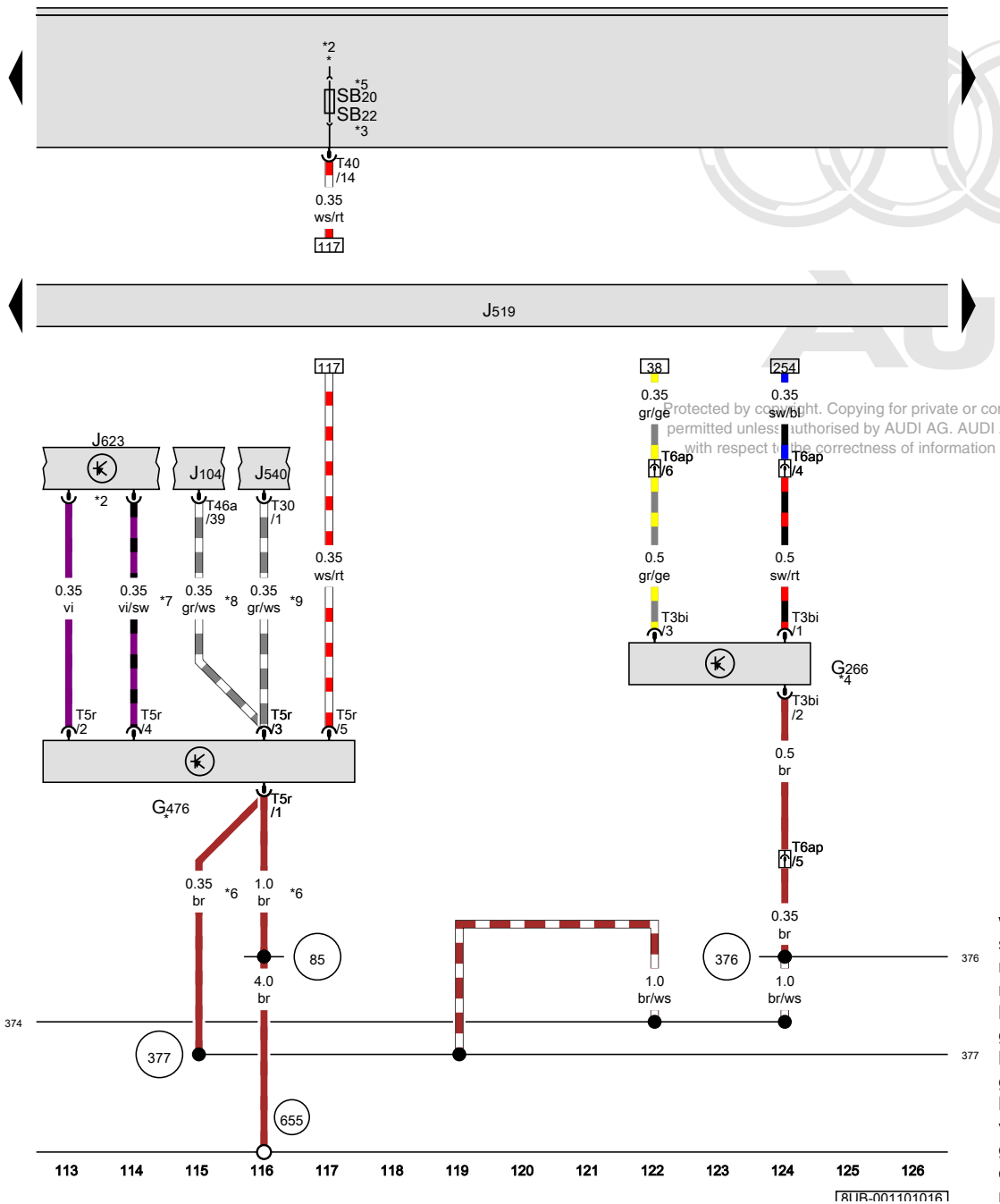


Onboard supply control unit

J234	Airbag control unit
J519	Onboard supply control unit
SB3	Fuse 3 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB16	Fuse 16 on fuse holder B
T16	16-pin connector, black
T40	40-pin connector, black
T50	50-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Diagnostic connection
*2	Up to October 2012
*3	From November 2012

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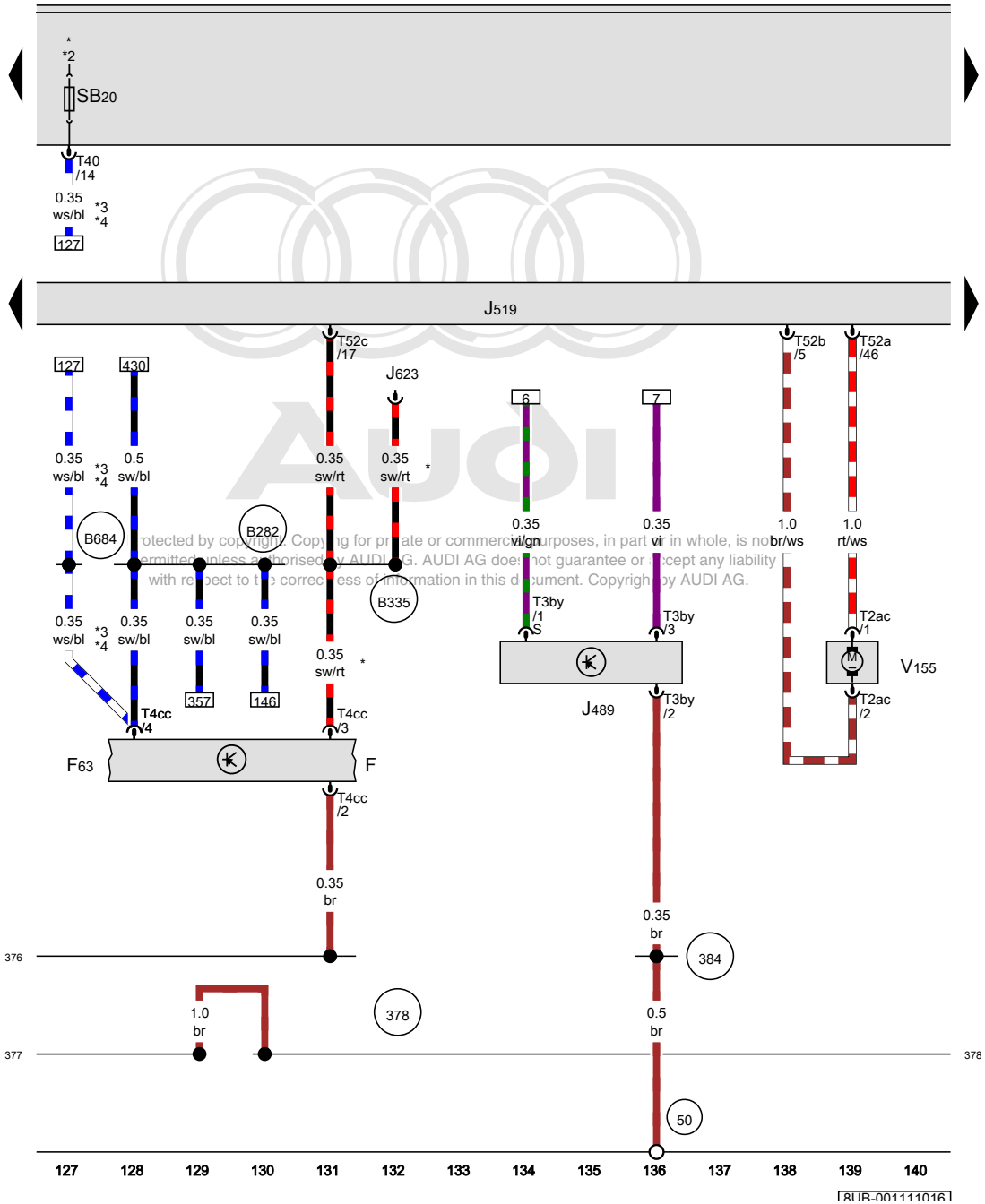


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Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit

G266	Oil level and oil temperature sender
G476	Clutch position sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
T3bi	3-pin connector, black
T5r	5-pin connector, black
T6ap	6-pin connector, near front left longitudinal member
T30	30-pin connector
T40	40-pin connector, black
T46a	46-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
655	Earth point, on left headlight
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine
*3	Up to October 2012
*4	Not for models with 2.5l petrol engine
*5	From November 2012
*6	According to equipment
*7	Only models with start/stop system
*8	From November 2014
*9	Up to October 2014

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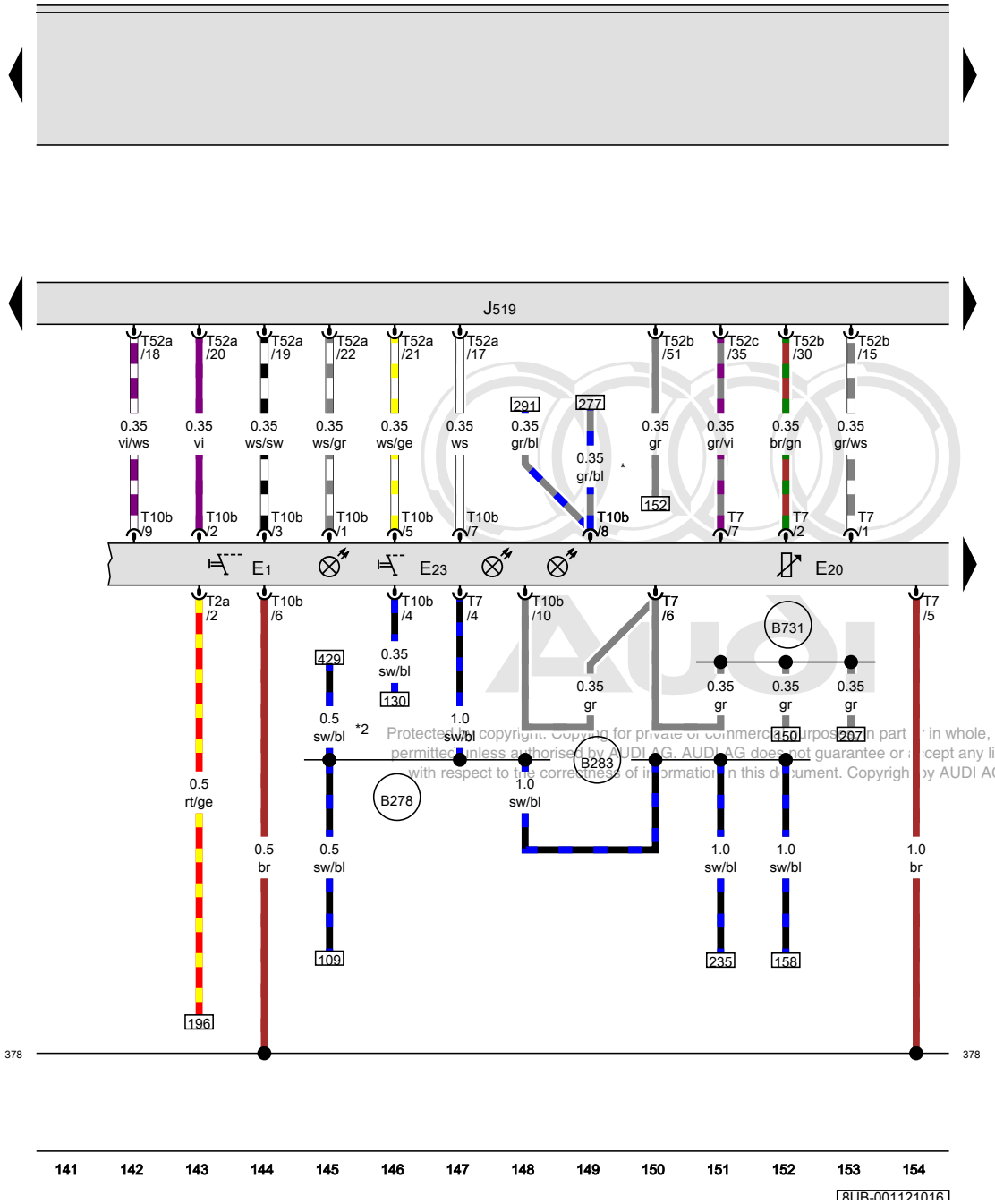


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Brake light switch, Brake pedal switch, Radio controlled clock receiver, Onboard supply control unit, Tank filler flap locking motor

F	Brake light switch
F63	Brake pedal switch
J489	Radio controlled clock receiver
J519	Onboard supply control unit
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T2ac	2-pin connector, black
T3by	3-pin connector, black
T4cc	4-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
V155	Tank filler flap locking motor
50	Earth point, on left in luggage compartment
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
384	Earth connection 19, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with manual gearbox
*3	Wiring colour depends on equipment
*4	According to equipment

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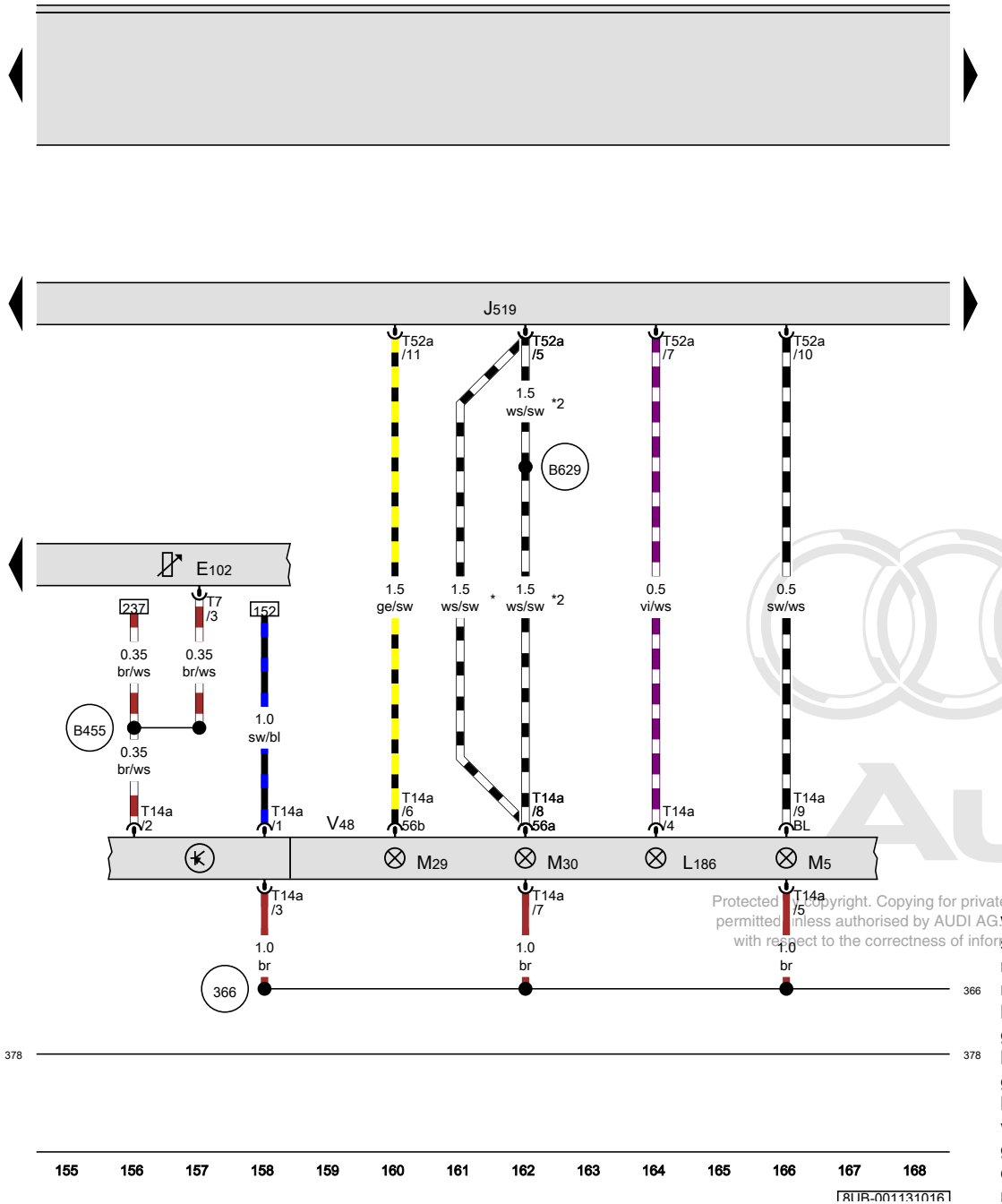


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Switch and instrument illumination regulator, Front and rear fog light switch, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E23	Front and rear fog light switch
J519	Onboard supply control unit
T2a	2-pin connector
T7	7-pin connector
T10b	10-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
378	Earth connection 13, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	According to equipment
*2	Cross section depends on equipment

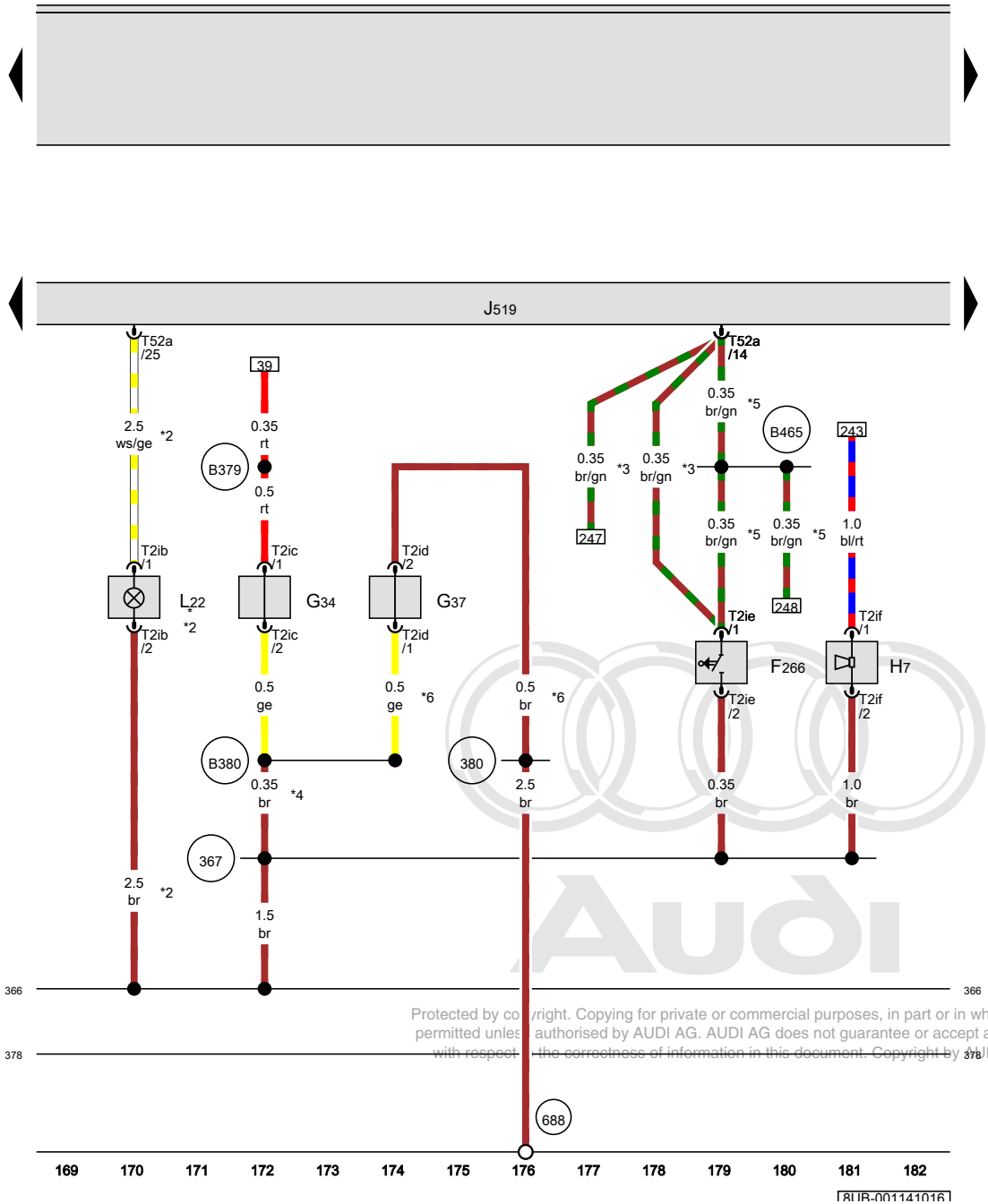


Headlight range control regulator, Onboard supply control unit, Bulb for left daytime running light and side light, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

E102	Headlight range control regulator
J519	Onboard supply control unit
L186	Bulb for left daytime running light and side light
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T7	7-pin connector
T14a	14-pin connector, black
T52a	52-pin connector, black
V48	Left headlight range control motor
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
B455	Connection (HRC), in main wiring harness
B629	Connection (56a), in main wiring harness
*	gradual introduction
*2	Gradually discontinued

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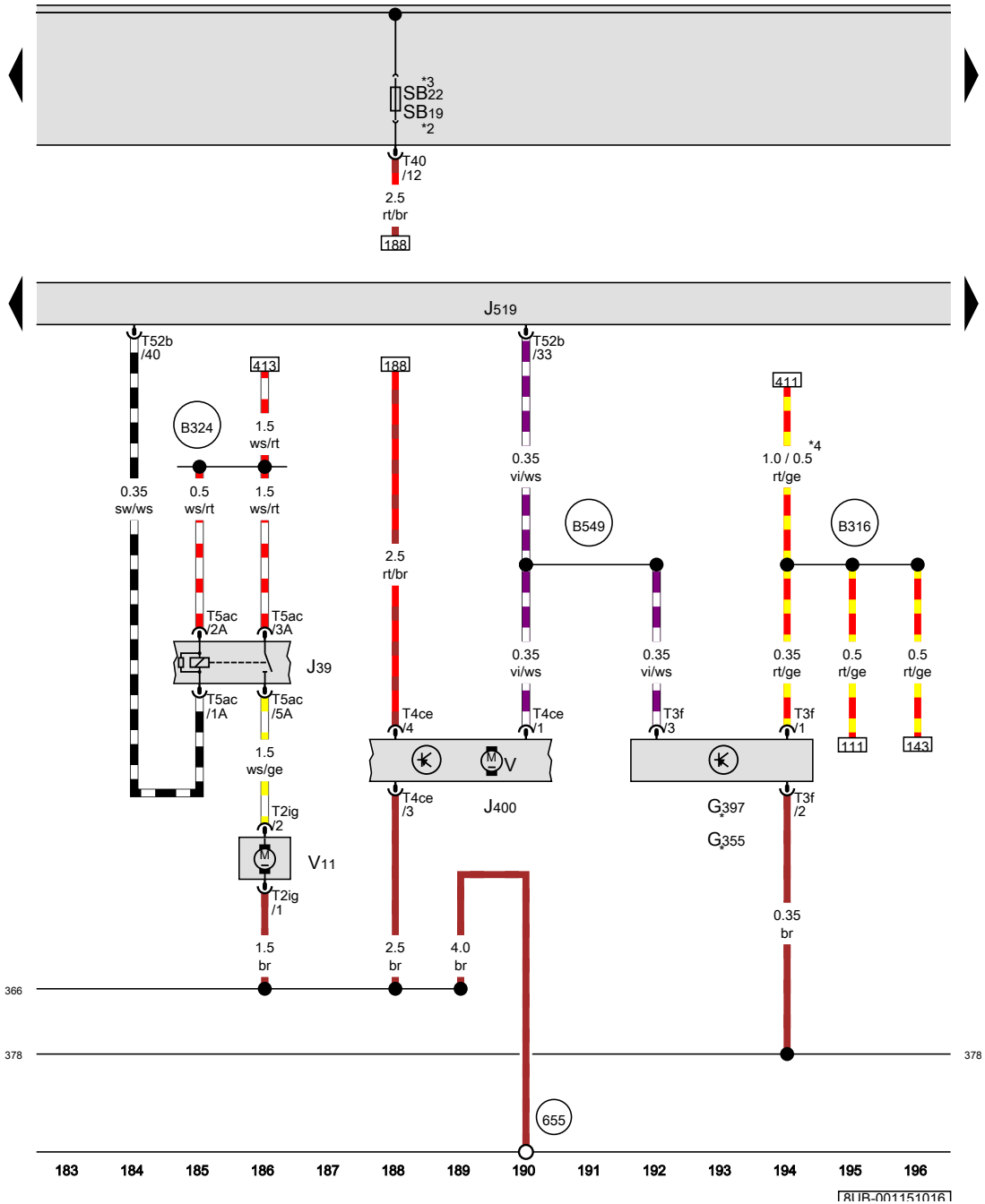


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Bonnet contact switch, Front left brake pad wear sender, Rear right brake pad wear sender, Bass horn, Onboard supply control unit, Left fog light bulb

F266	Bonnet contact switch
G34	Front left brake pad wear sender
G37	Rear right brake pad wear sender
H7	Bass horn
J519	Onboard supply control unit
L22	Left fog light bulb
T2ib	2-pin connector, black
T2ic	2-pin connector
T2id	2-pin connector, black
T2ie	2-pin connector, black
T2if	2-pin connector, black
T52a	52-pin connector, black
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B379	Connection 1 (brake pad wear indicator), in main wiring harness
B380	Connection 2 (brake pad wear indicator), in main wiring harness
B465	Connection 1, in main wiring harness
*	Only models with fog lights
*2	Up to October 2014
*3	gradual introduction
*4	Not for models with 2.5l petrol engine
*5	Gradually discontinued
*6	Only models with 2.5l petrol engine

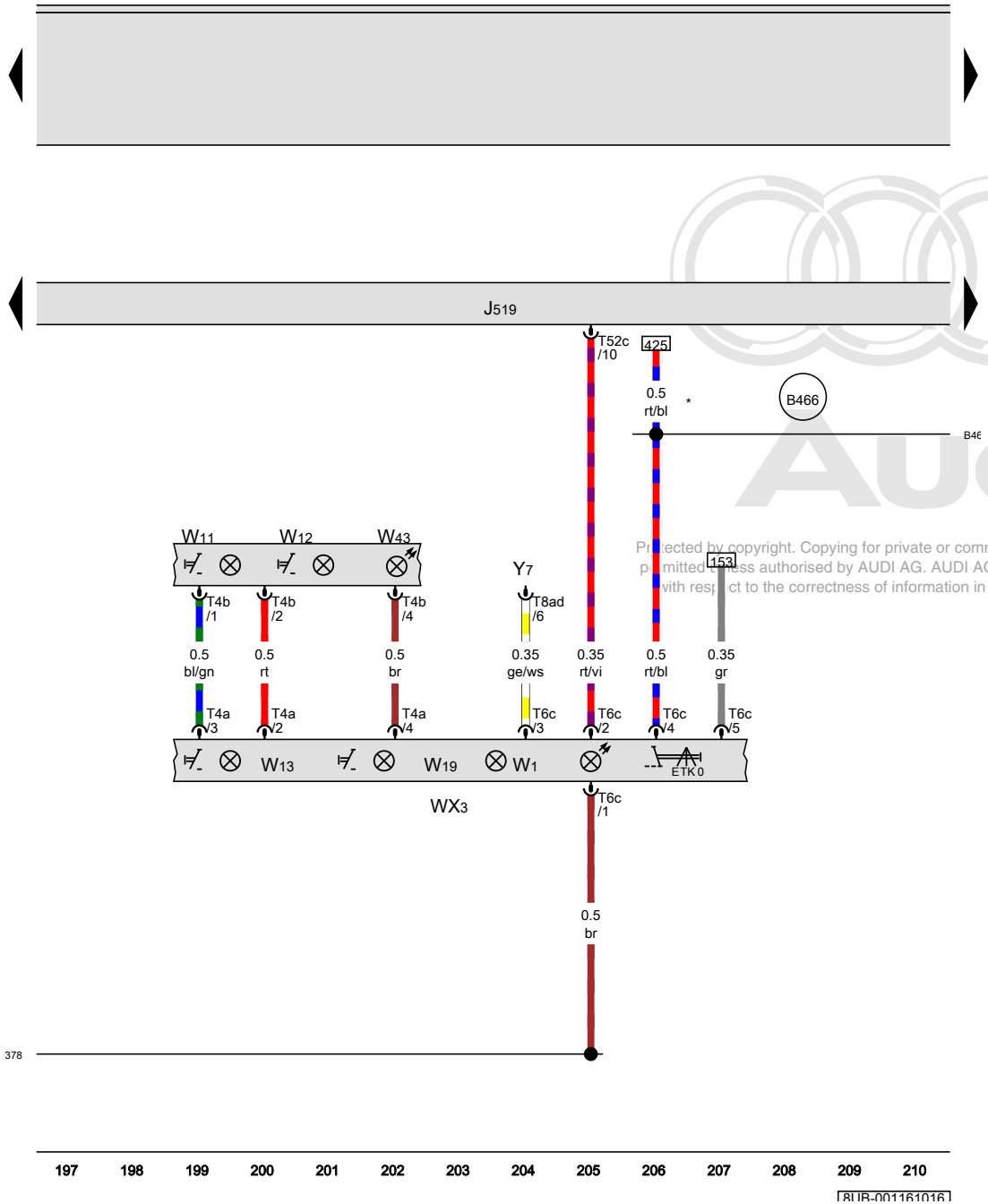


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Rain and light sensor, Headlight washer system relay, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump

G355	Humidity sender
G397	Rain and light sensor
J39	Headlight washer system relay
J400	Wiper motor control unit
J519	Onboard supply control unit
SB19	Fuse 19 on fuse holder B
SB22	Fuse 22 on fuse holder B
T2ig	2-pin connector
T3f	3-pin connector, black
T4ce	4-pin connector, black
T5ac	5-pin connector
T40	40-pin connector, black
T52b	52-pin connector, colourless
V	Windscreen wiper motor
V11	Headlight washer system pump
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
655	Earth point, on left headlight
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	According to equipment
*2	Up to October 2012
*3	From November 2012
*4	From March 2014

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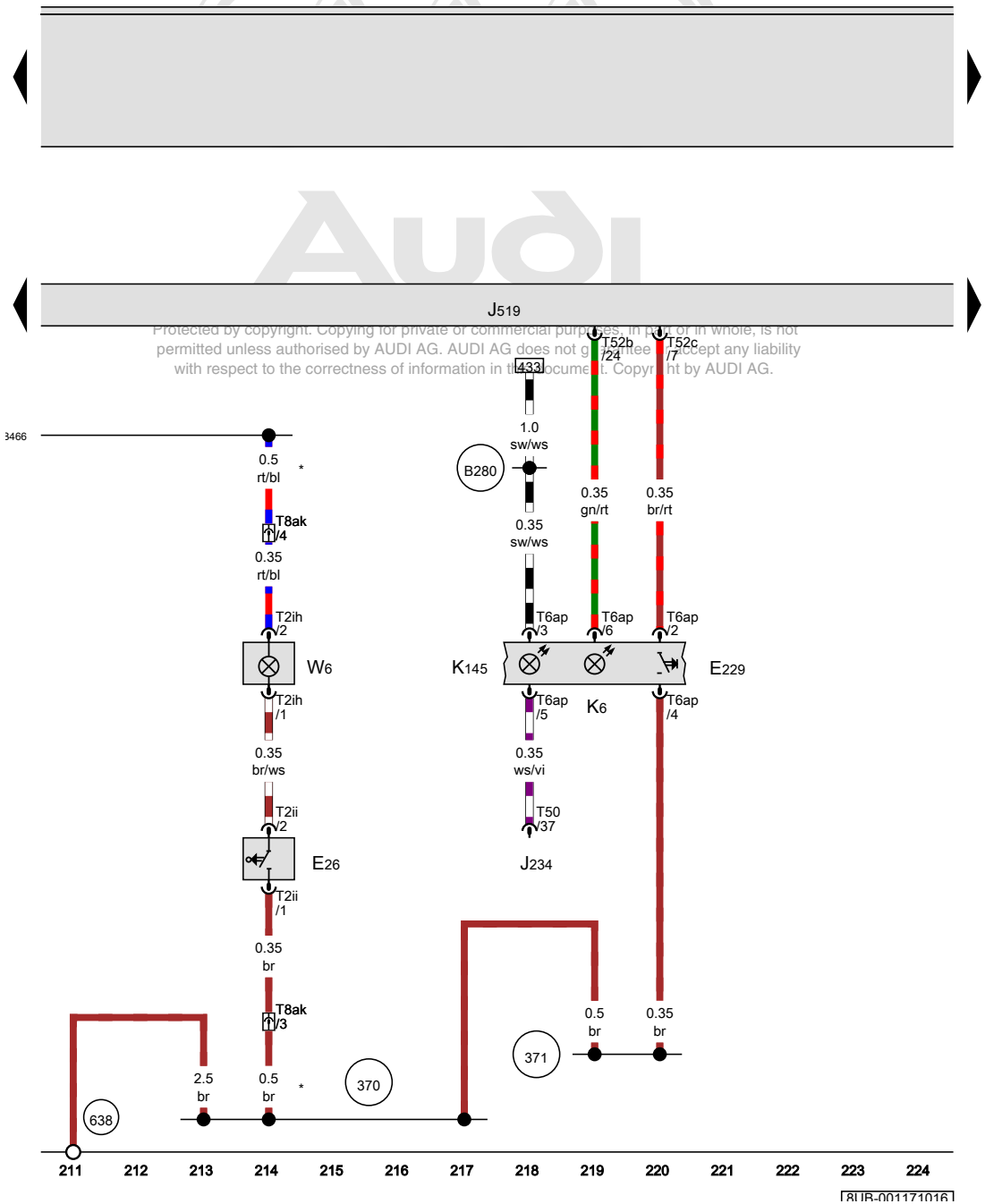


Onboard supply control unit, Front roof module, Rear interior light

J519	Onboard supply control unit
T4a	4-pin connector
T4b	4-pin connector
T6c	6-pin connector, black
T8ad	8-pin connector
T52c	52-pin connector, brown
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B466	Connection 2, in main wiring harness
*	Up to October 2014

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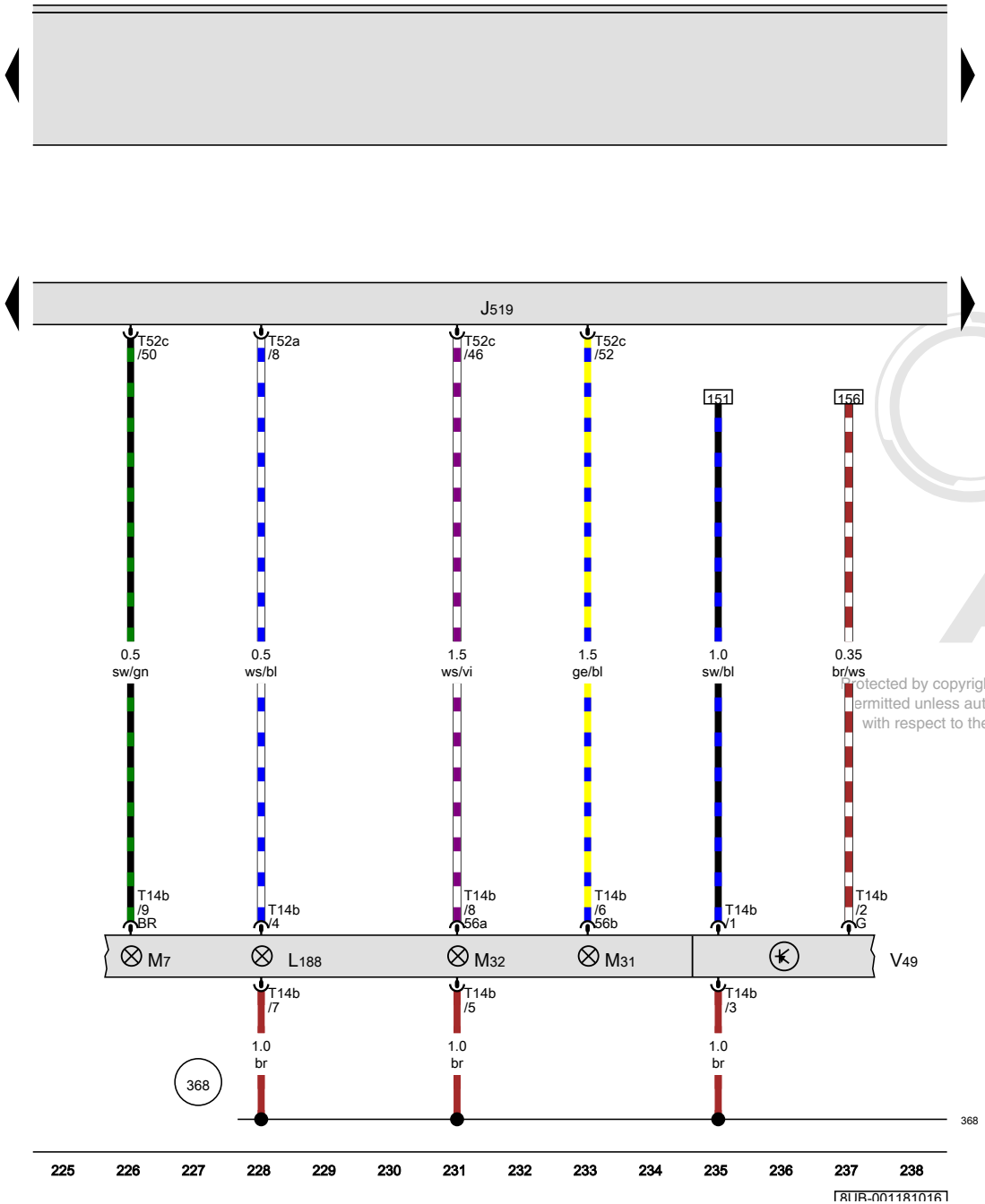


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Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
E229	Hazard warning lights 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
T2ih	2-pin connector
T2ii	2-pin connector
T6ap	6-pin connector, white
T8ak	8-pin connector, near glove compartment
T50	50-pin connector
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
W6	Glove compartment light
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B280	Positive connection 4 (15a) in main wiring harness
B466	Connection 2, 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

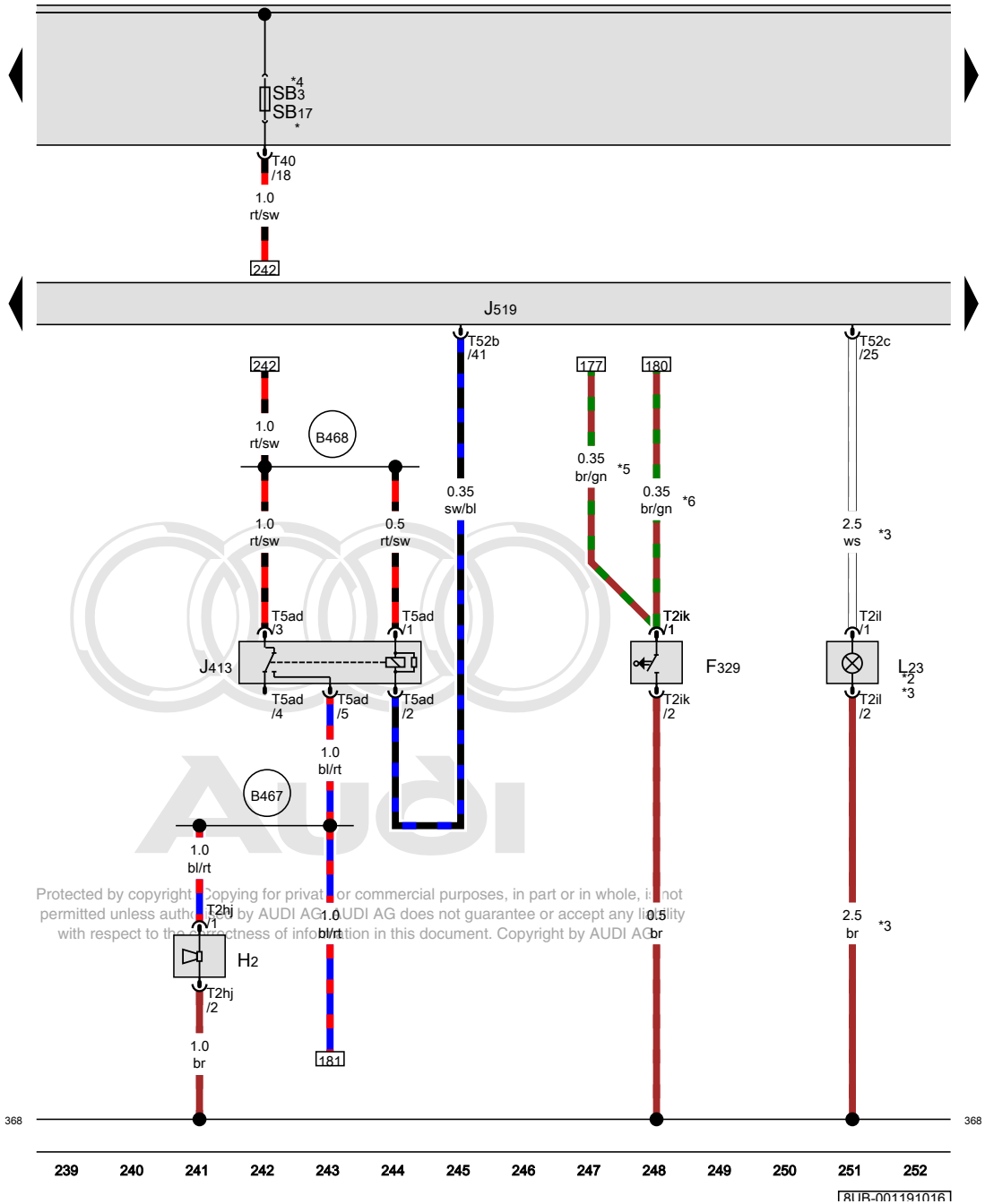


Onboard supply control unit, Bulb for right daytime running light and side light, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

J519	Onboard supply control unit
L188	Bulb for right daytime running light and side light
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T14b	14-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
V49	Right headlight range control motor
368	Earth connection 3, in main wiring harness

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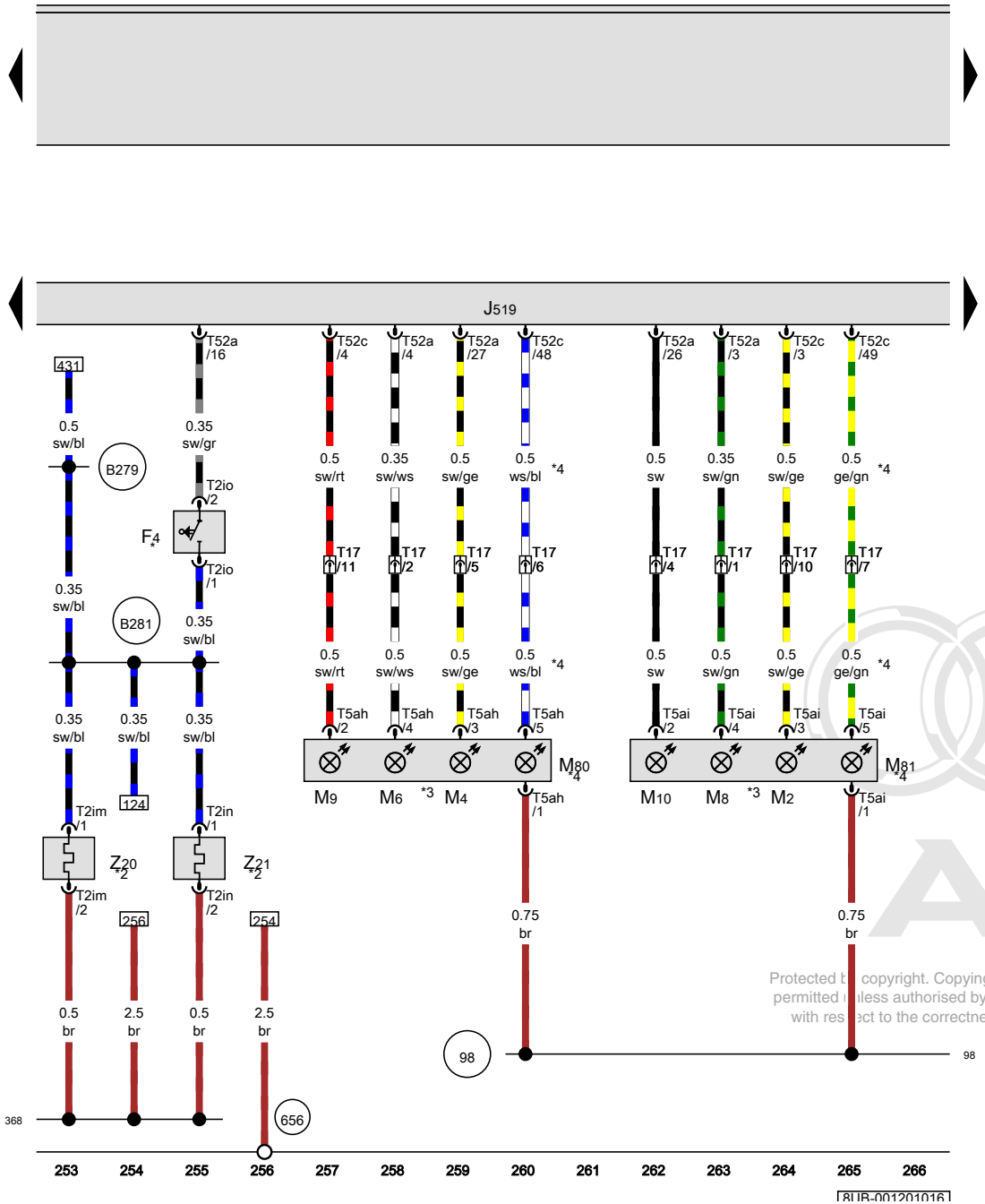


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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Bonnet contact switch 2, Treble horn, Horn relay, Onboard supply control unit, Right fog light bulb

F329	Bonnet contact switch 2
H2	Treble horn
J413	Horn relay
J519	Onboard supply control unit
L23	Right fog light bulb
SB3	Fuse 3 on fuse holder B
SB17	Fuse 17 on fuse holder B
T2hj	2-pin connector, black
T2ik	2-pin connector, black
T2il	2-pin connector, black
T5ad	5-pin connector, brown
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
368	Earth connection 3, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
*	Up to October 2012
*2	Only models with fog lights
*3	Up to October 2014
*4	From November 2012
*5	gradual introduction
*6	Gradually discontinued

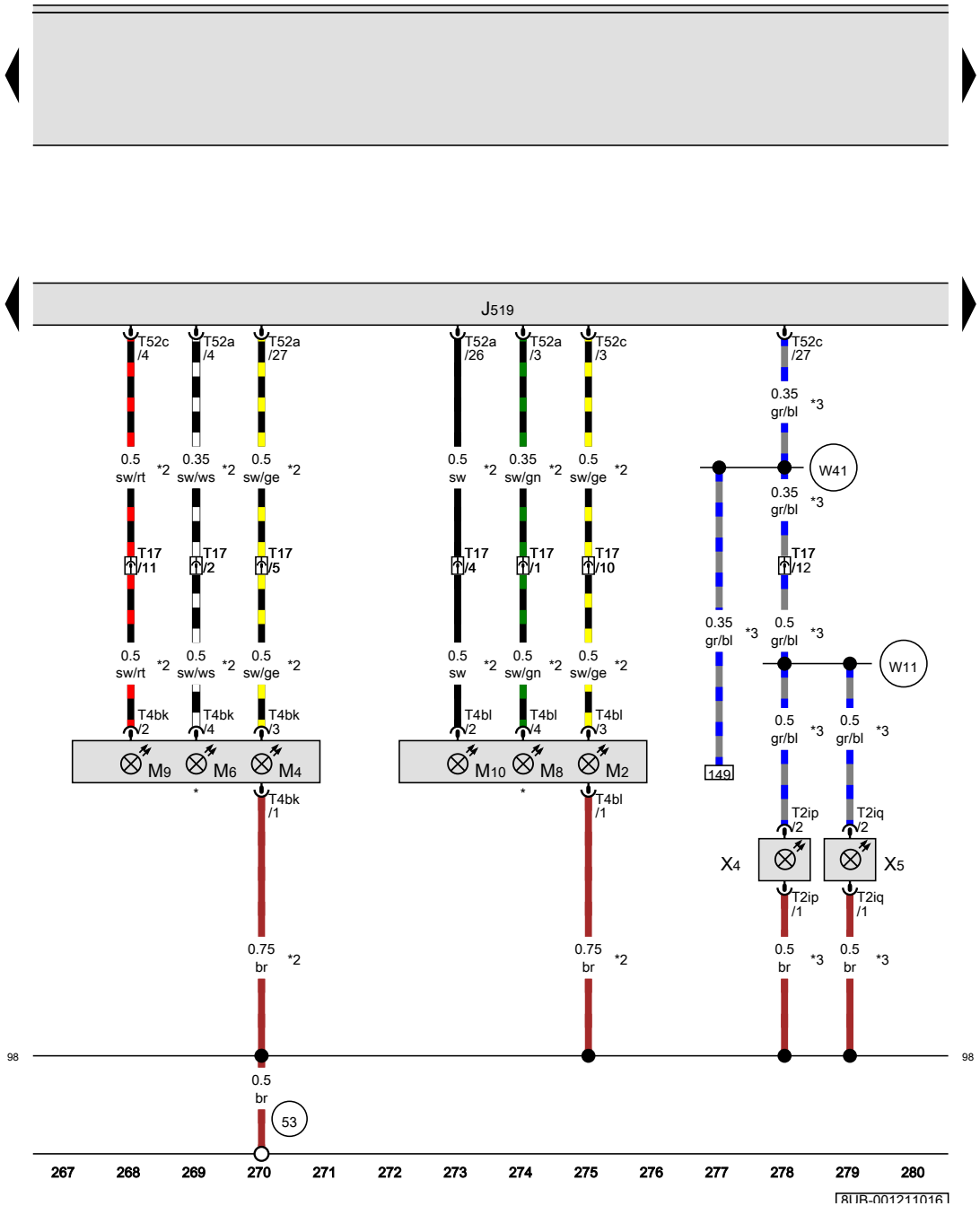


Reversing light switch, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Bulb 2 for rear left turn signal, Bulb 2 for rear right turn signal, Left washer jet heater element, Right washer jet heater element

F4	Reversing light switch
J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M80	Bulb 2 for rear left turn signal
M81	Bulb 2 for rear right turn signal
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector, black
T5ah	5-pin connector, brown
T5ai	5-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
Z20	Left washer jet heater element
Z21	Right washer jet heater element
98	Earth connection, in rear lid wiring harness
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight
B279	Positive connection 3 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with heater elements for washer jets
*3	From November 2014
*4	Only models with sequential turn signals

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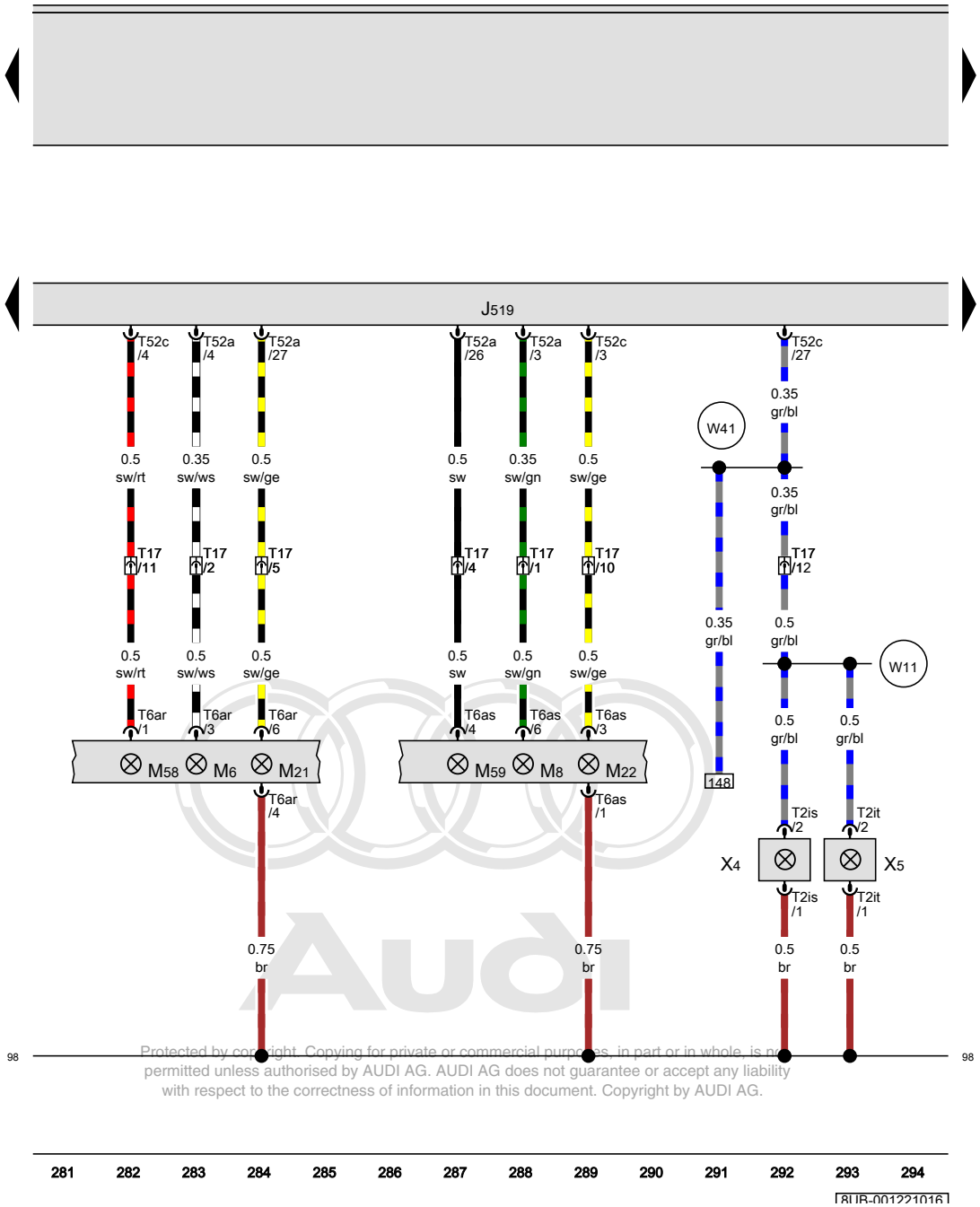


Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb

J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
T2ip	2-pin connector
T2iq	2-pin connector
T4bk	4-pin connector, brown
T4bl	4-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
X4	Left number plate light
X5	Right number plate light
53	Earth point, on right in rear lid
98	Earth connection, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness
W41	Positive connection (58), in number plate lights wiring harness
*	Up to October 2014
*2	Only models with LED tail light clusters
*3	According to equipment

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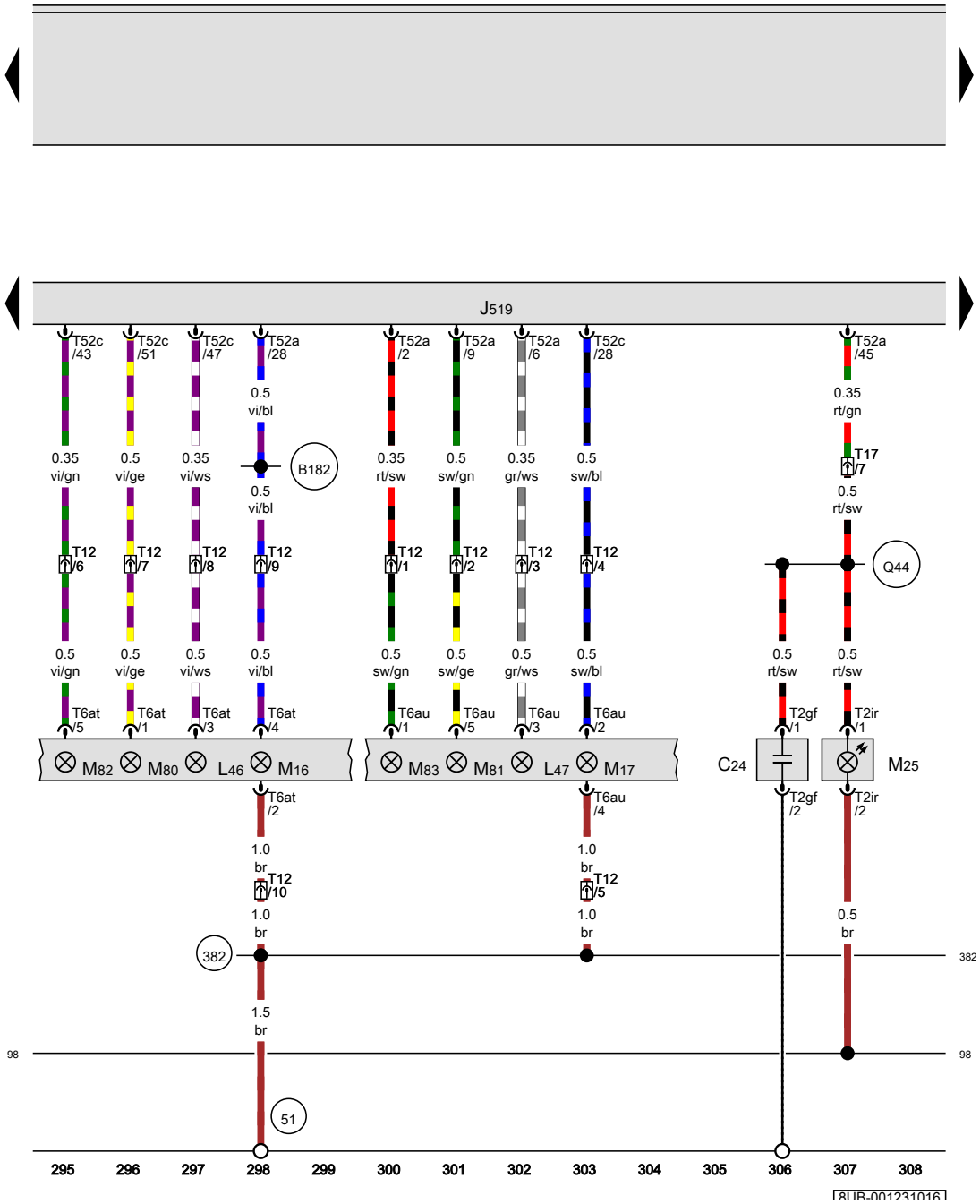


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vi = purple
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or = orange
rs = pink

Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Left brake and tail light bulb 2, Right brake and tail light bulb 2

J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M58	Left brake and tail light bulb 2
M59	Right brake and tail light bulb 2
T2is	2-pin connector, black
T2it	2-pin connector, black
T6ar	6-pin connector
T6as	6-pin connector
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
X4	Left number plate light
X5	Right number plate light
98	Earth connection, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness
W41	Positive connection (58), in number plate lights wiring harness

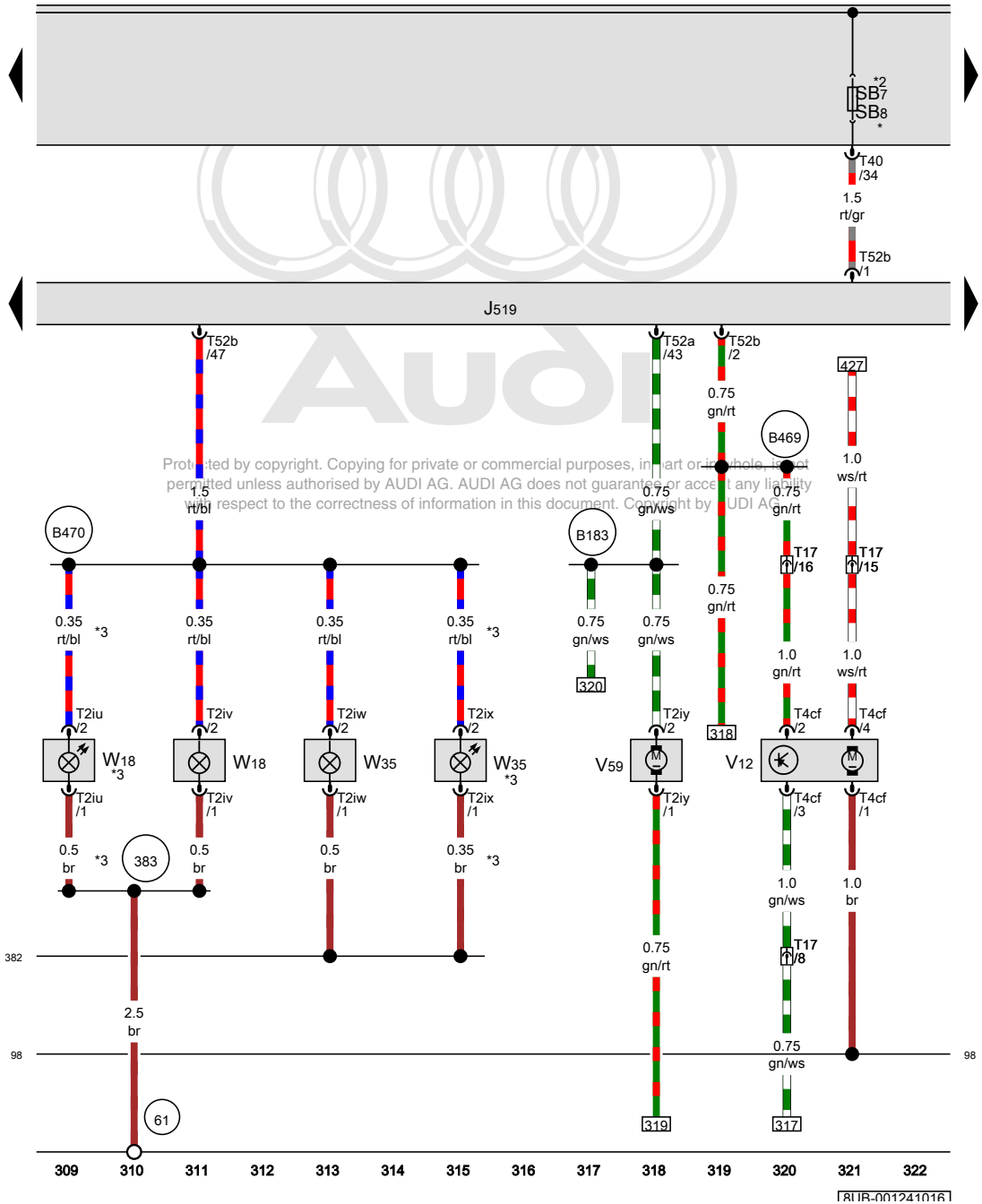


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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb, Bulb 2 for rear left turn signal, Bulb 2 for rear right turn signal, Left brake and tail light bulb 3, Right brake and tail light bulb 3

C24	Suppression filter
J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	High-level brake light bulb
M80	Bulb 2 for rear left turn signal
M81	Bulb 2 for rear right turn signal
M82	Left brake and tail light bulb 3
M83	Right brake and tail light bulb 3
T2gf	2-pin connector
T2ir	2-pin connector
T6at	6-pin connector, black
T6au	6-pin connector, black
T12	12-pin connector, in rear bumper, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
51	Earth point, on right in luggage compartment
98	Earth connection, in rear lid wiring harness
382	Earth connection 17, in main wiring harness
B182	Connection (RL), in interior wiring harness
Q44	Connection 2, in rear lid wiring harness

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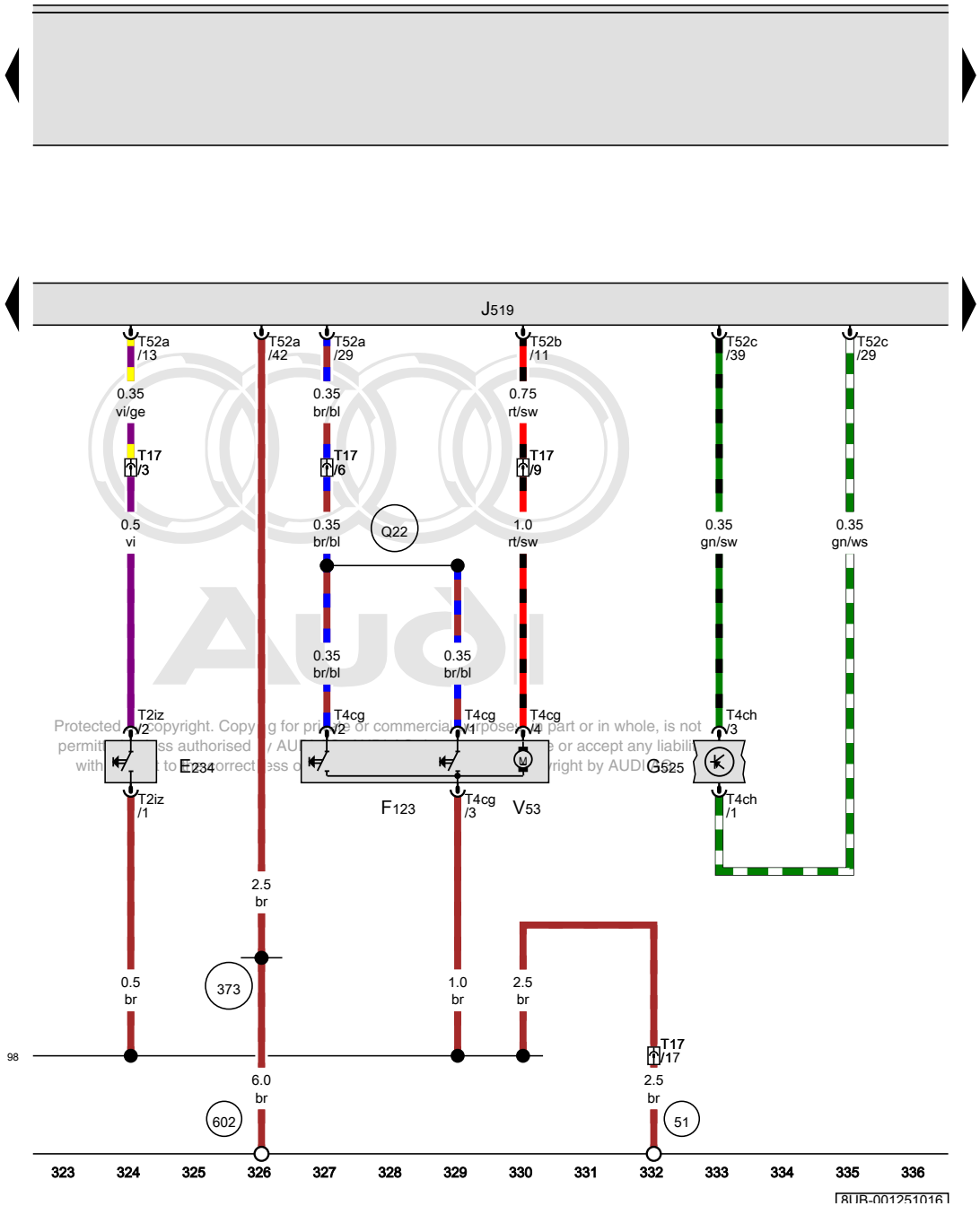


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Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Right luggage compartment light

J519	Onboard supply control unit
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2iu	2-pin connector, black
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2ix	2-pin connector, black
T2iy	2-pin connector, black
T4cf	4-pin connector, black
T17	17-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W18	Luggage compartment light on left
W35	Right luggage compartment light
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
B183	Connection 1 (washer pump), in interior wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	From November 2014

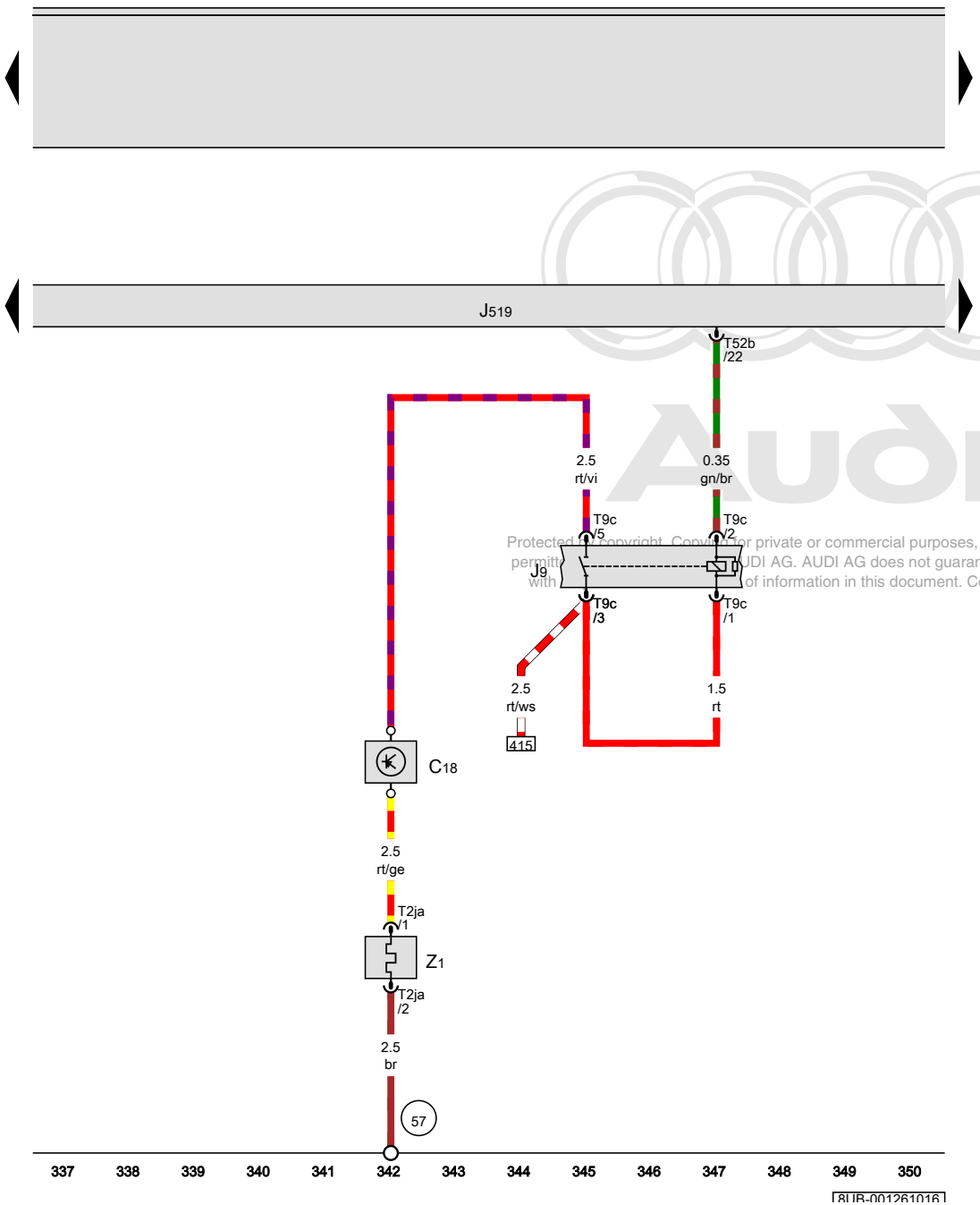


Rear lid handle release button, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

E234	Rear lid handle release button
F123	Rear lid contact switch for anti-theft alarm
G525	Rear lid closed sender 1
J519	Onboard supply control unit
T2iz	2-pin connector, black
T4cg	4-pin connector, black
T4ch	4-pin connector, black
T17	17-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
V53	Rear lid central locking motor
51	Earth point, on right in luggage compartment
98	Earth connection, in rear lid wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
Q22	Connection 1, in rear lid wiring harness

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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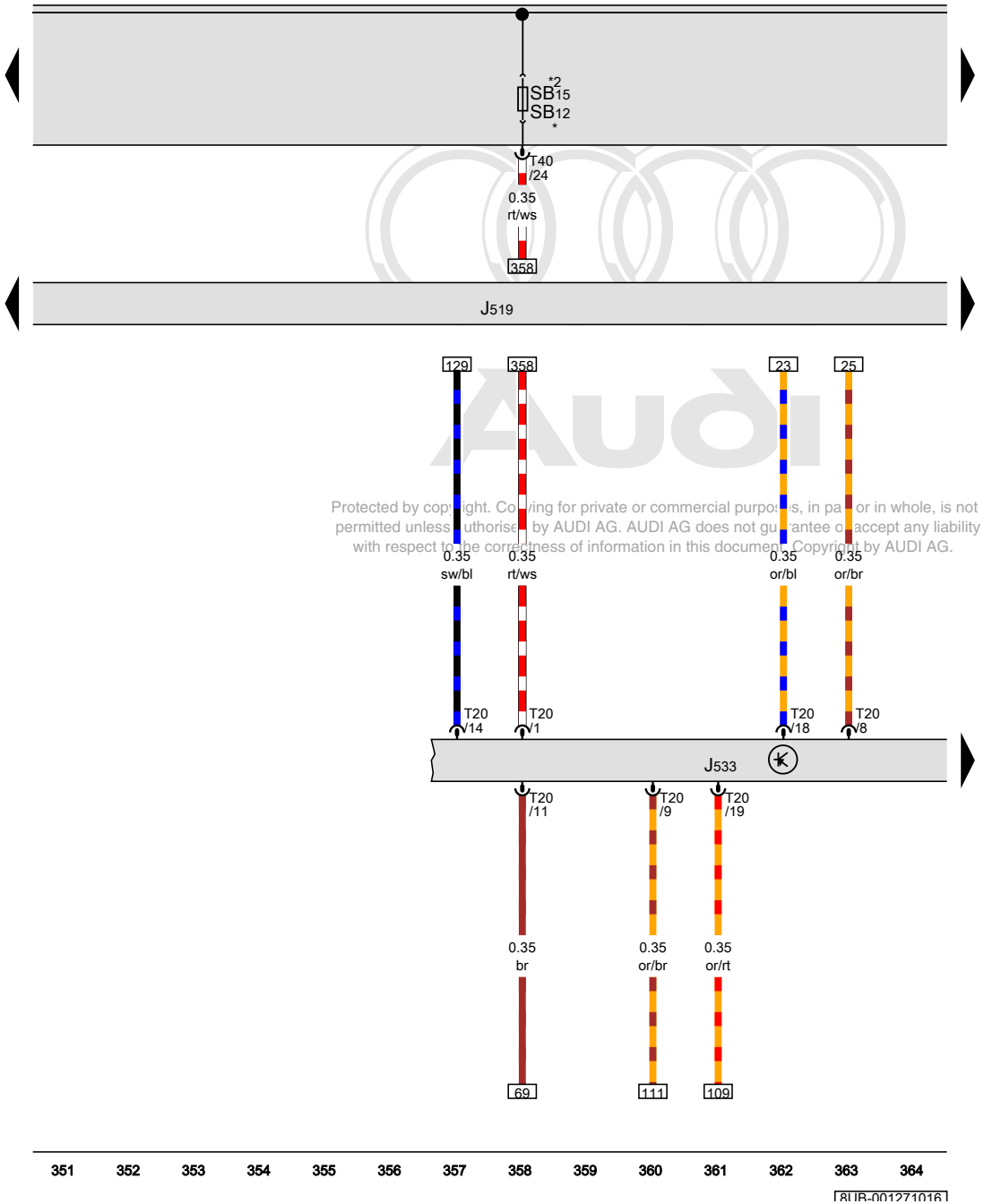
Heated rear window relay, Onboard supply control unit, Heated rear window

C18	Window aerial suppression filter
J9	Heated rear window relay
J519	Onboard supply control unit
T2ja	2-pin connector
T9c	9-pin connector, blue
T52b	52-pin connector, colourless
Z1	Heated rear window
57	Earth point, rear left pillar

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

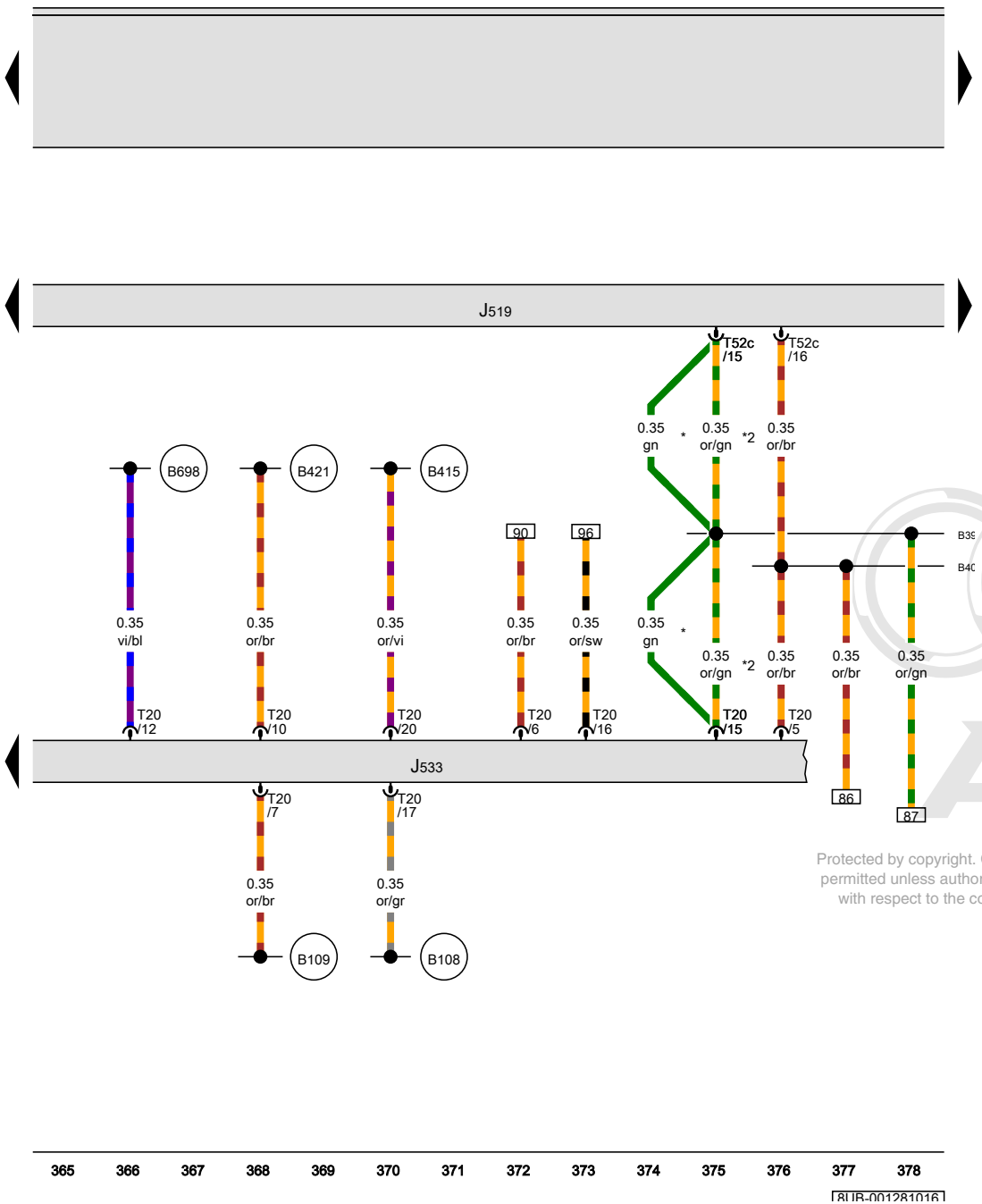
Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector, red
T40	40-pin connector, black
*	Up to October 2012
*2	From November 2012



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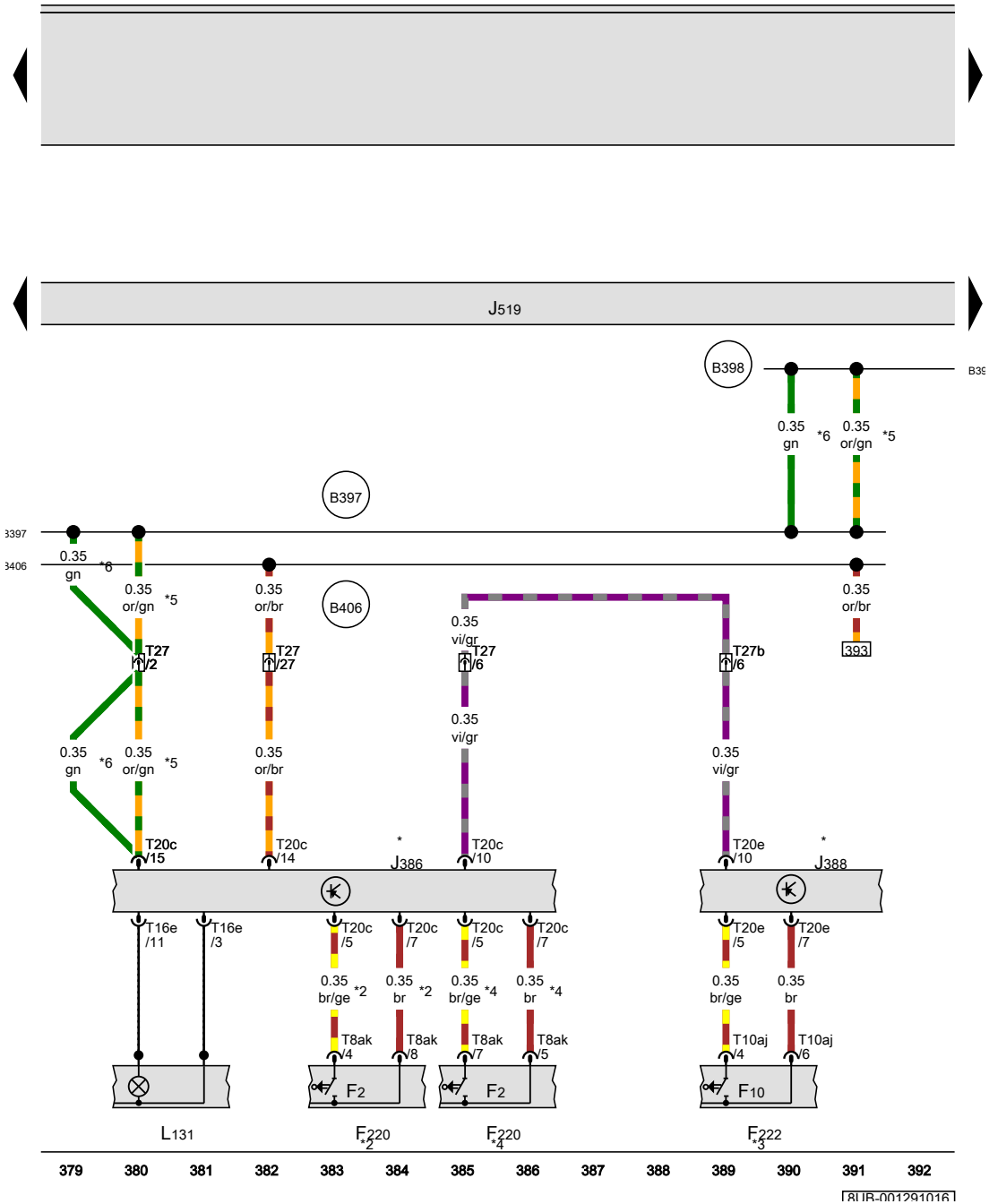


Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector, red
T52c	52-pin connector, brown
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	From November 2016
*2	Up to October 2016

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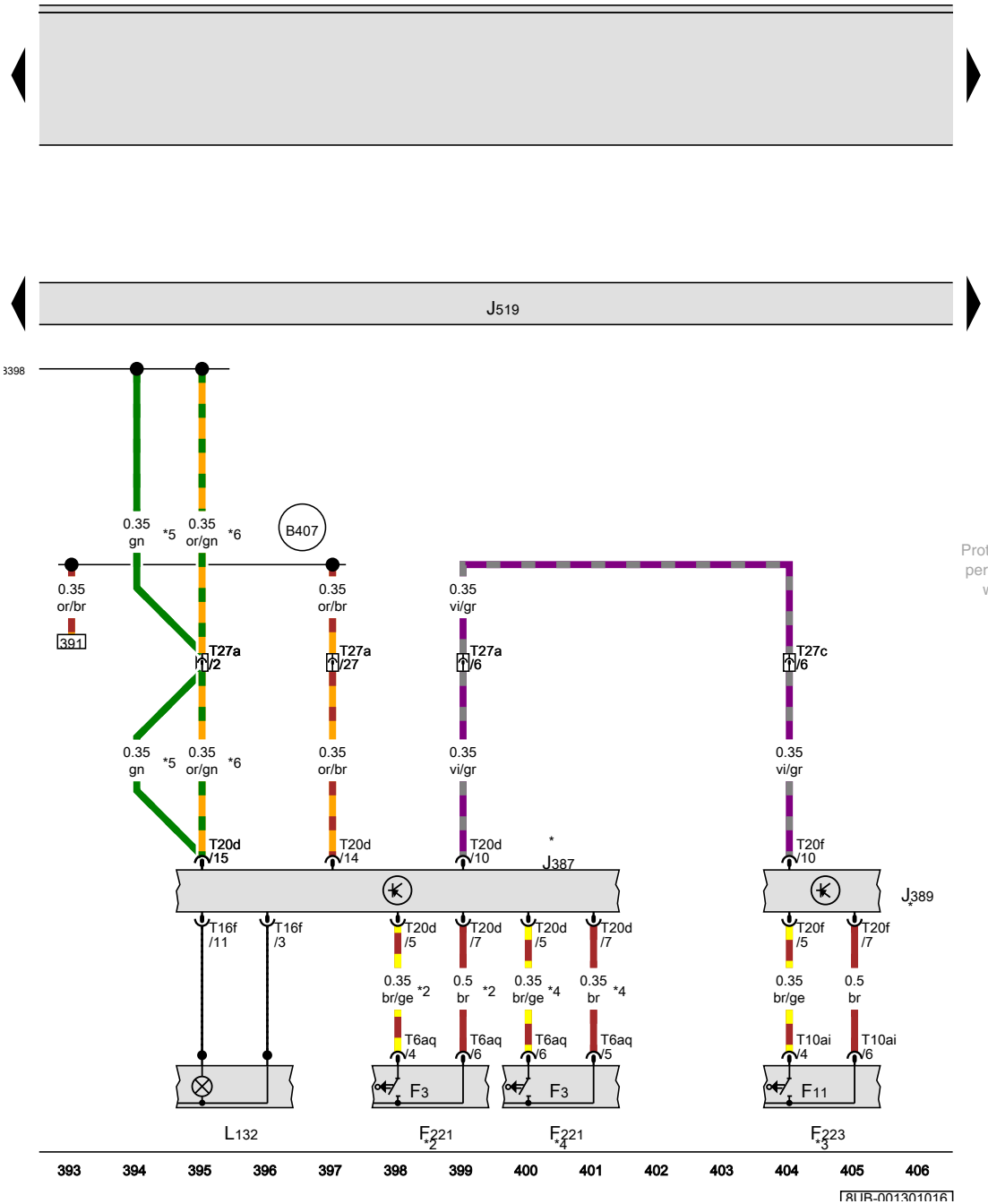


Driver side central locking lock unit, Rear left central locking lock unit, Driver door control unit, Rear left door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

F2	Driver door contact switch
F10	Rear left door contact switch
F220	Driver side central locking lock unit
F222	Rear left central locking lock unit
J386	Driver door control unit
J388	Rear left door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
T8ak	8-pin connector, black
T10aj	10-pin connector, black
T16e	16-pin connector, black
T20c	20-pin connector, black
T20e	20-pin connector, black
T27	27-pin connector, on left A-pillar
T27b	27-pin connector, on left B-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Gradually discontinued
*3	Only models with childproof locks
*4	gradual introduction
*5	Up to October 2016
*6	From November 2016

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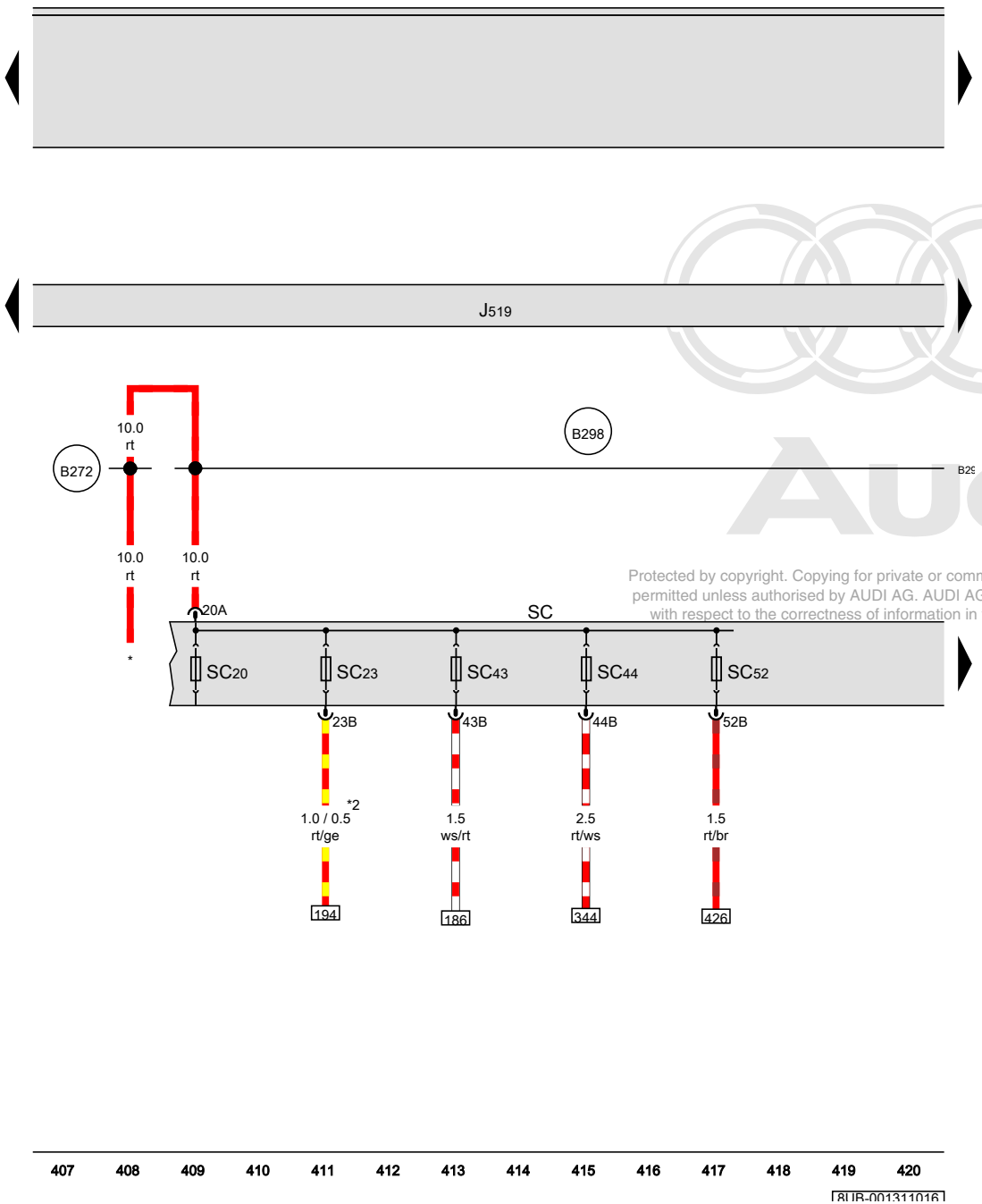


Front passenger side central locking lock unit, Rear right central locking lock unit, Front passenger door control unit, Rear right door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

F3	Front passenger door contact switch
F11	Rear right door contact switch
F221	Front passenger side central locking lock unit
F223	Rear right central locking lock unit
J387	Front passenger door control unit
J389	Rear right door control unit
J519	Onboard supply control unit
L132	Front passenger side turn signal repeater bulb
T6aq	6-pin connector, black
T10ai	10-pin connector, black
T16f	16-pin connector, black
T20d	20-pin connector, black
T20f	20-pin connector, black
T27a	27-pin connector, in right A-pillar, on right A-pillar
T27c	27-pin connector, on right B-pillar
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 convenience system
*2	Gradually discontinued
*3	Only models with childproof locks
*4	gradual introduction
*5	From November 2016
*6	Up to October 2016

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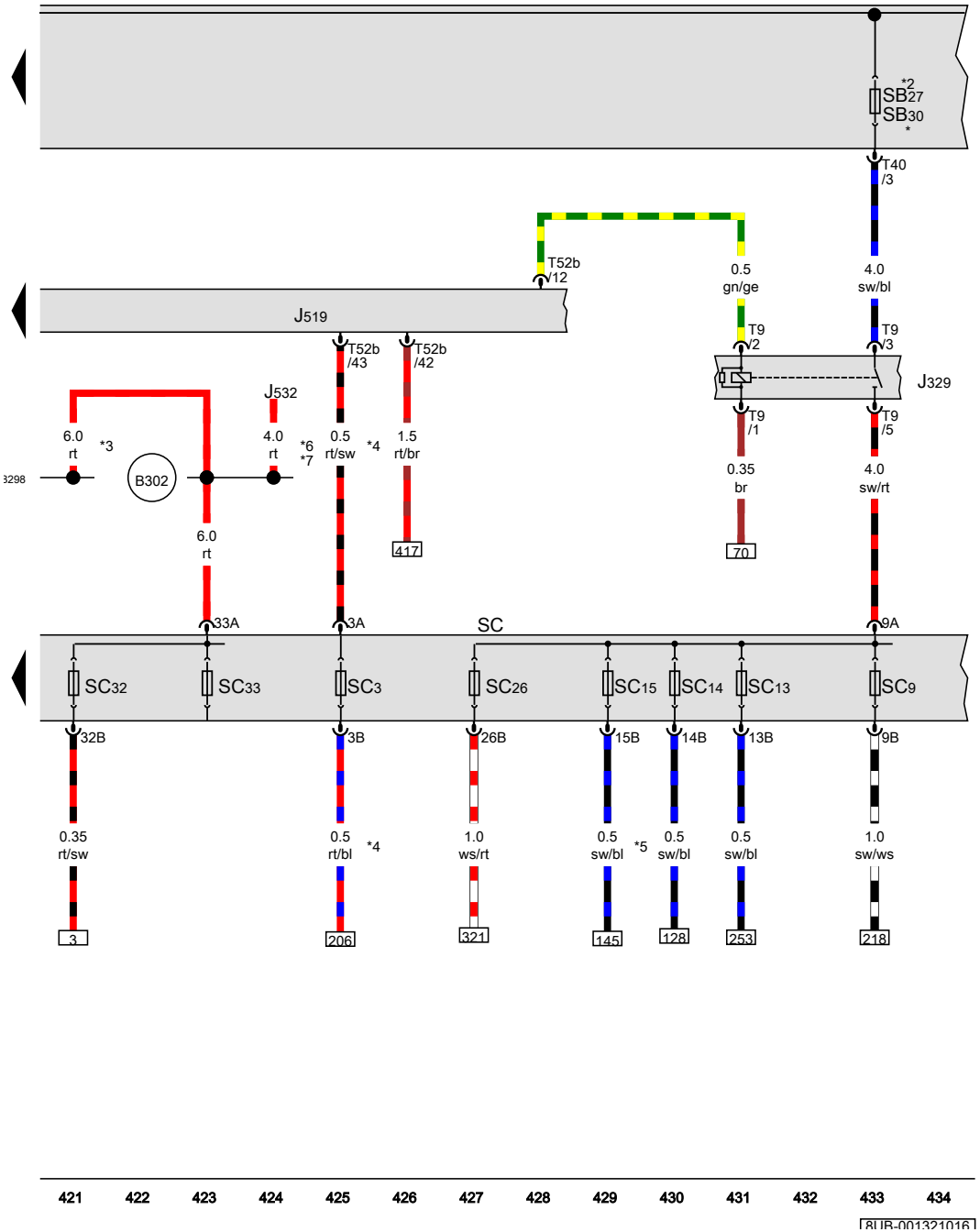


Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC52	Fuse 52 on fuse holder C
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for battery
*2	From March 2014

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Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J532	Voltage stabiliser
SC	Fuse holder C
SC3	Fuse 3 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC26	Fuse 26 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T9	9-pin connector, black
T12	12-pin connector
T40	40-pin connector, black
T52b	52-pin connector, colourless
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness

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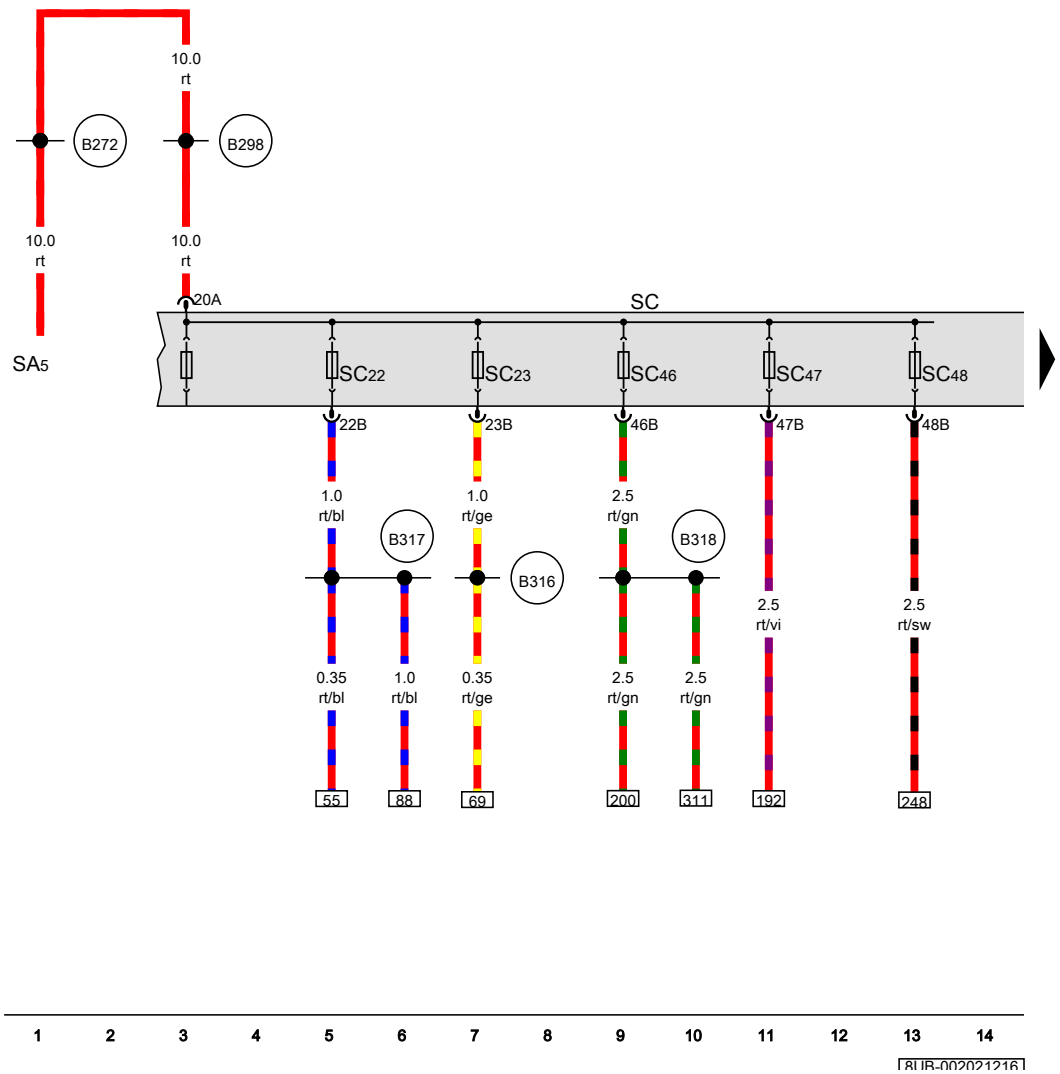
*	Up to October 2012
*2	From November 2012
*3	Only models with no start/stop system
*4	Up to October 2014
*5	Cross section depends on equipment
*6	Only models with start/stop system
*7	see applicable current flow diagram for battery

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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or	=	orange
rs	=	pink

Convenience system, left-hand drive

From August 2011

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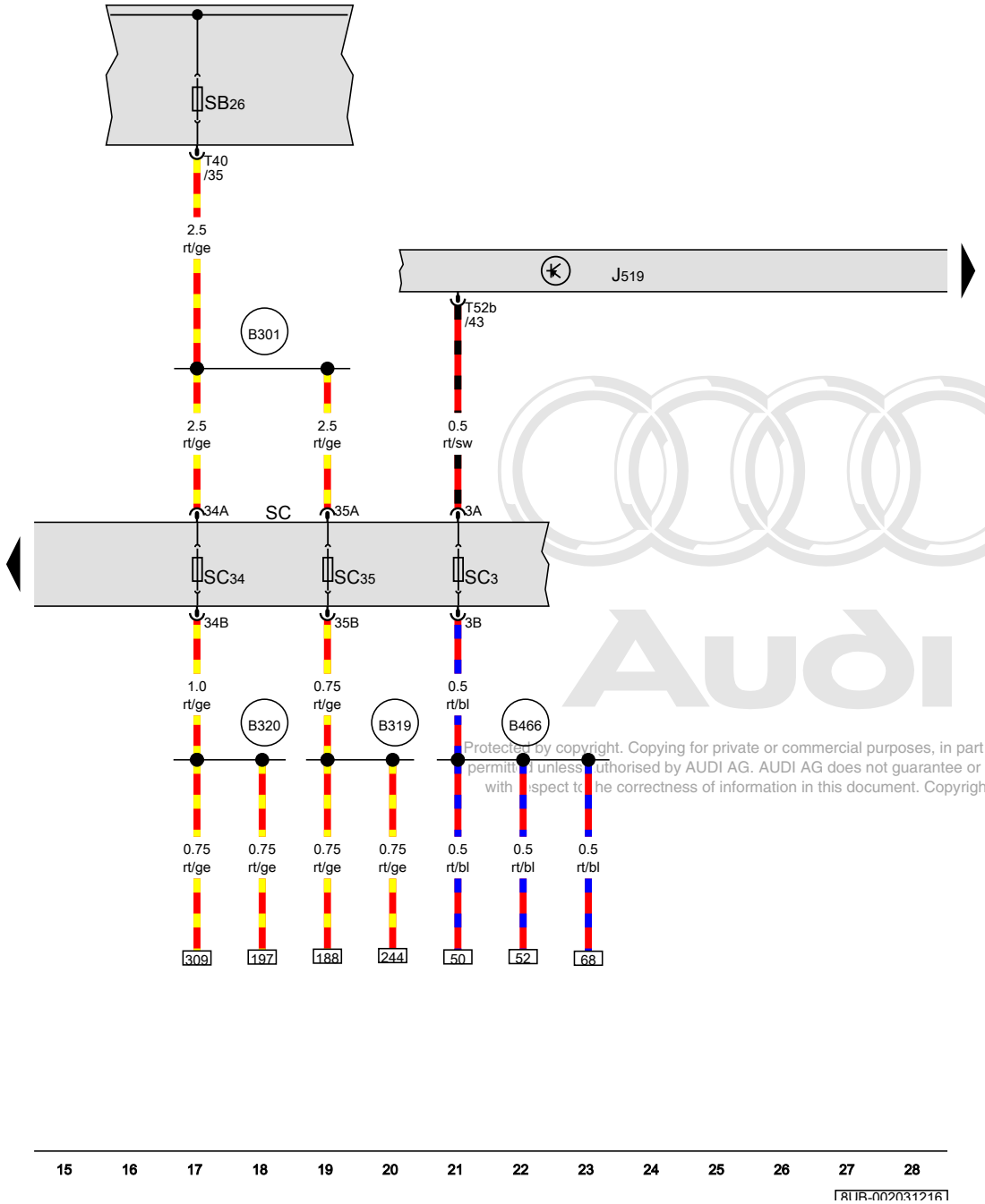
Fuse holder C

SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C

B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness

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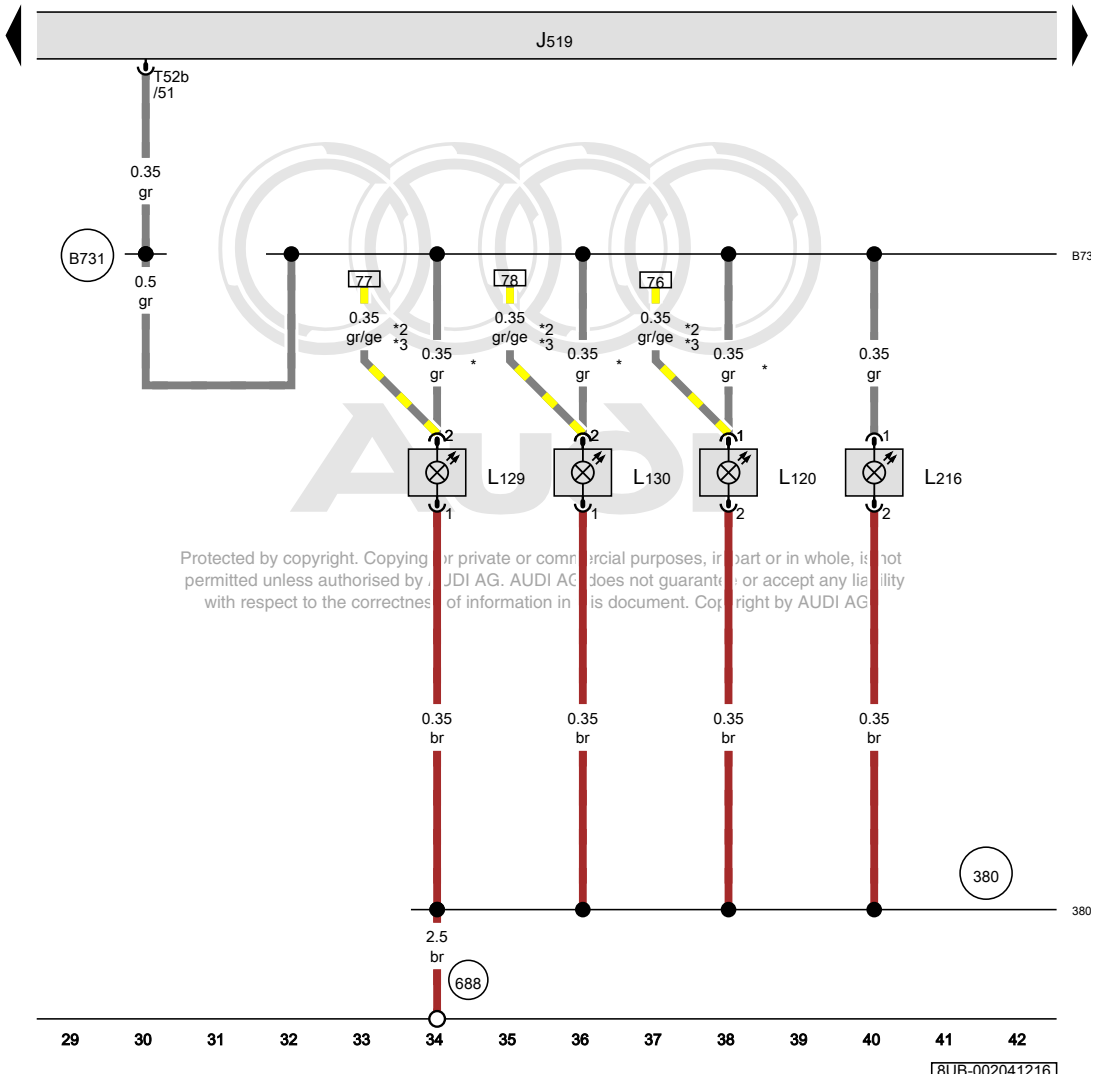
Fuse holder C

J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SB26	Fuse 26 on fuse holder B
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
T40	40-pin connector
T52b	52-pin connector
B301	Positive connection 5 (30), in main wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B466	Connection 2, in main wiring harness

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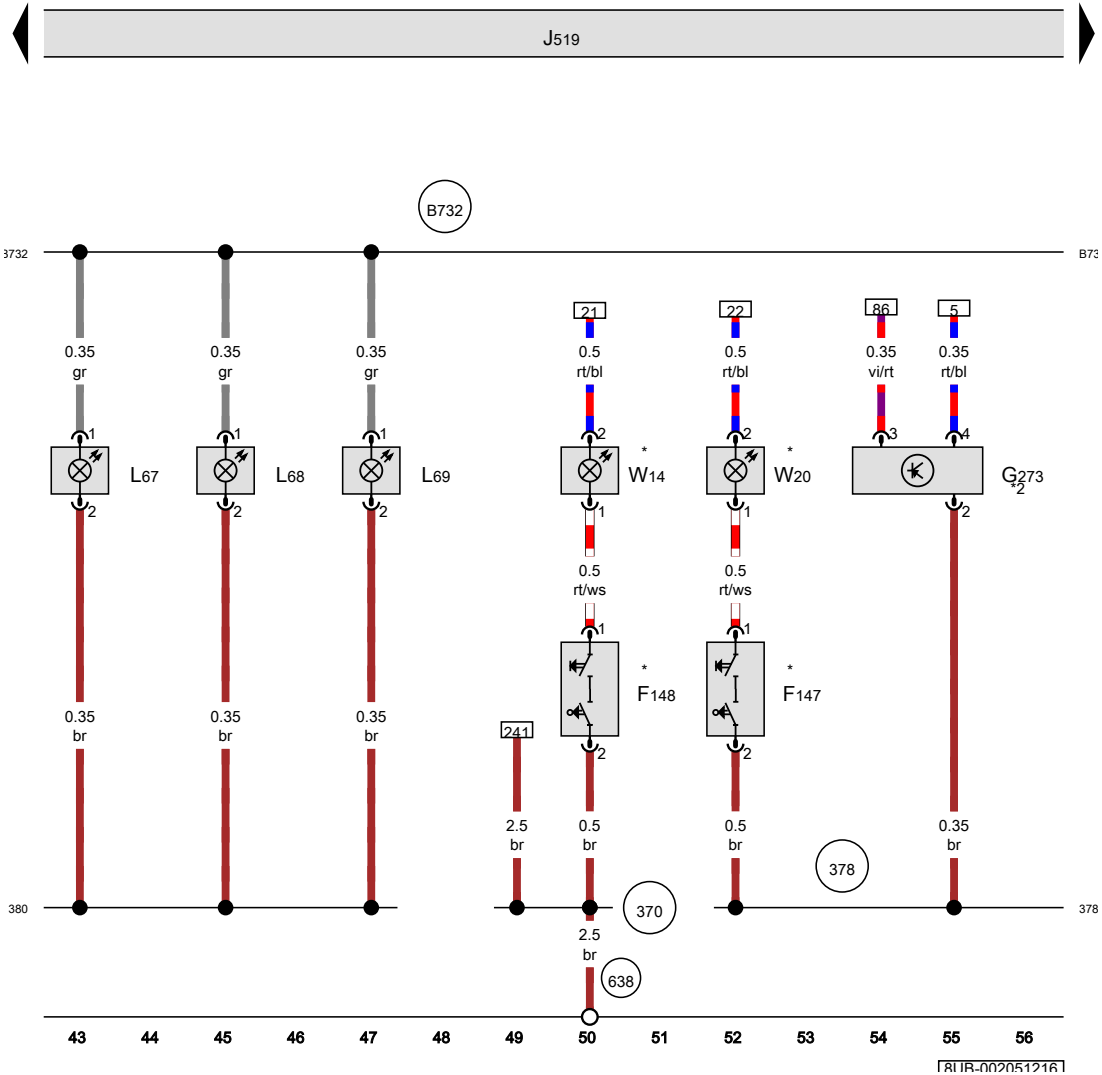
Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T52b	52-pin connector
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with radio chorus
*2	Only models with radio concert
*3	Only models with MMI



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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

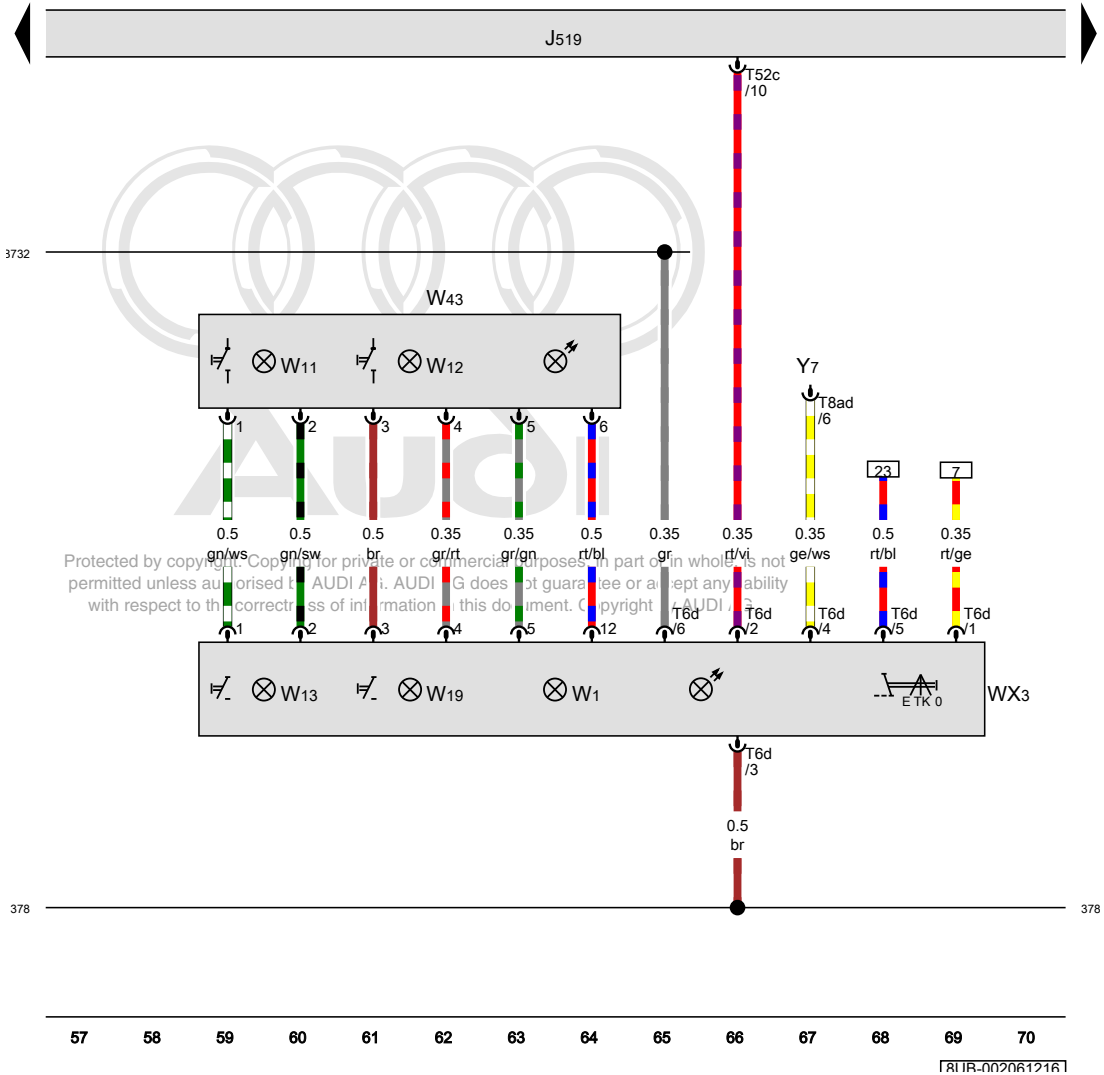
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

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Front roof module, Rear interior light

J519	Onboard supply control unit
T6d	6-pin connector
T8ad	8-pin connector
T52c	52-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness

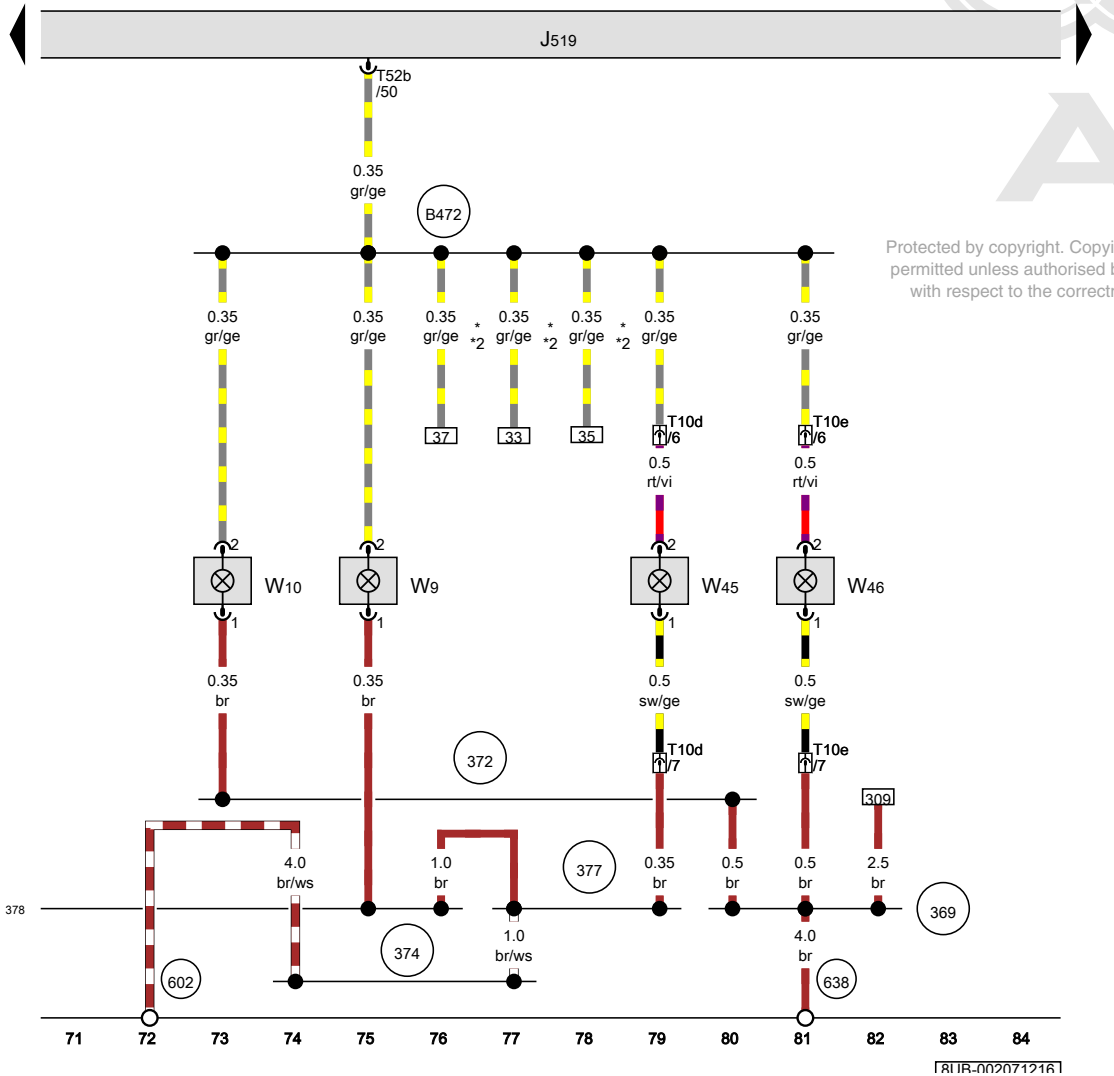


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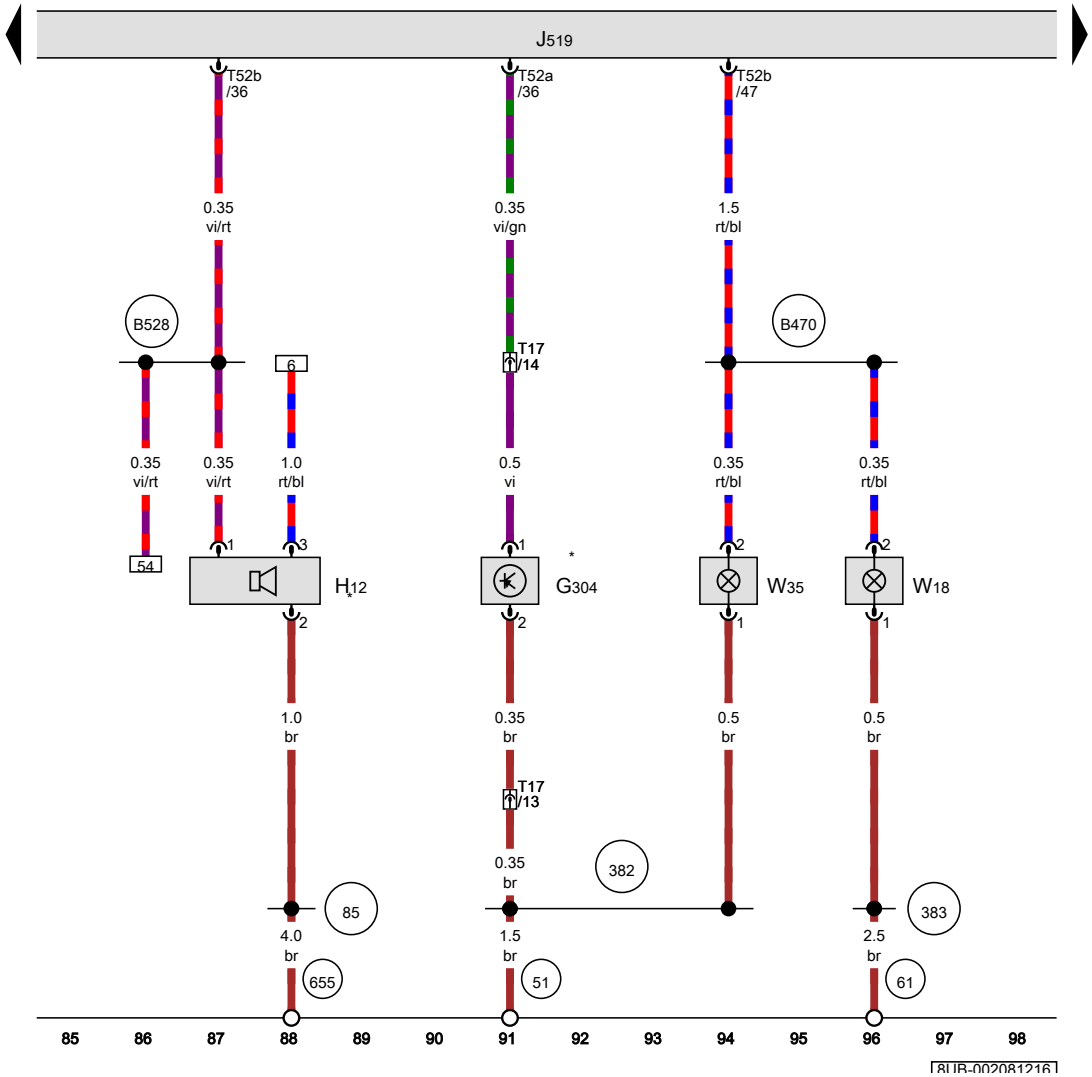
Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI



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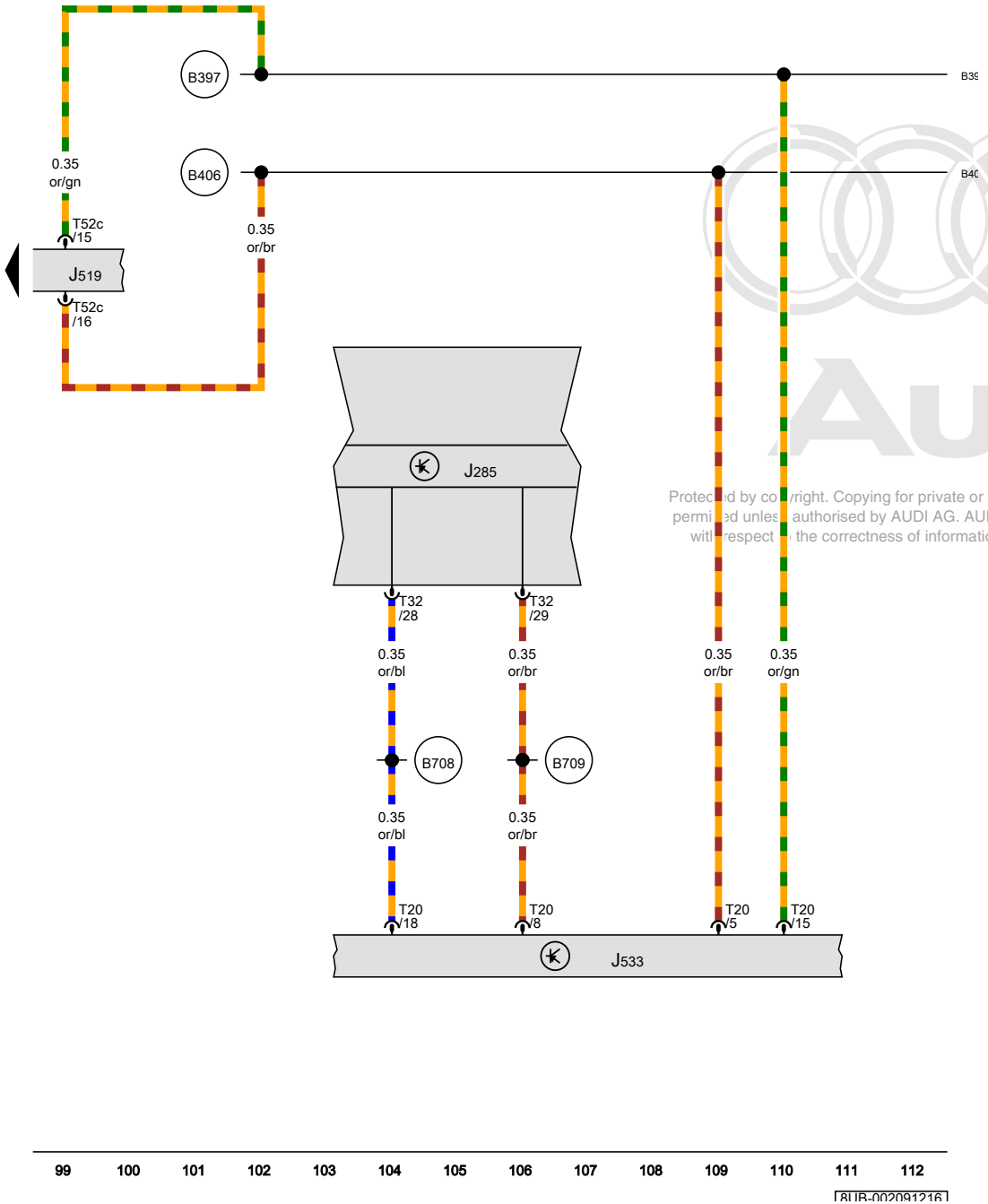


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Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light

G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector
T52b	52-pin connector
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system

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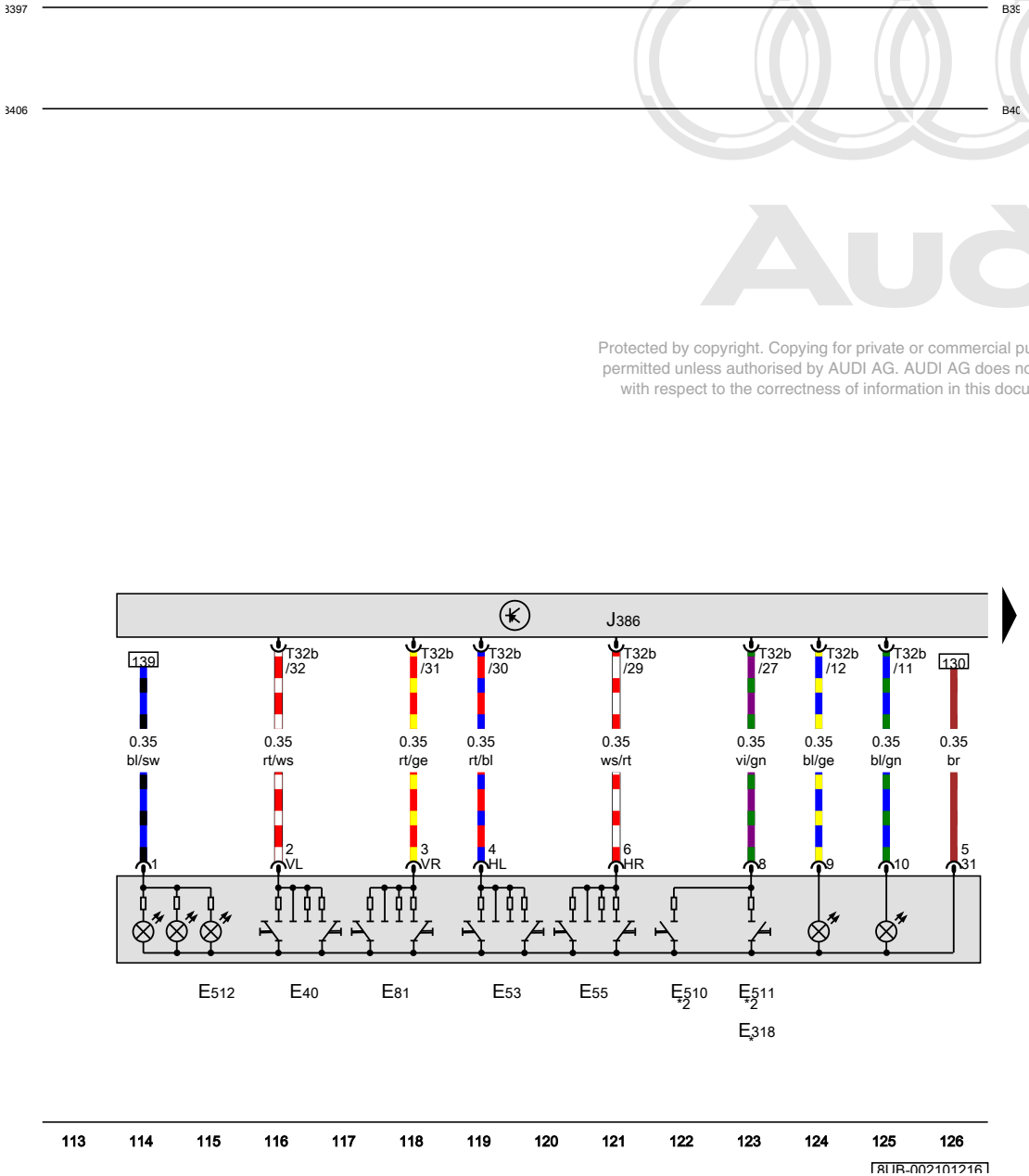


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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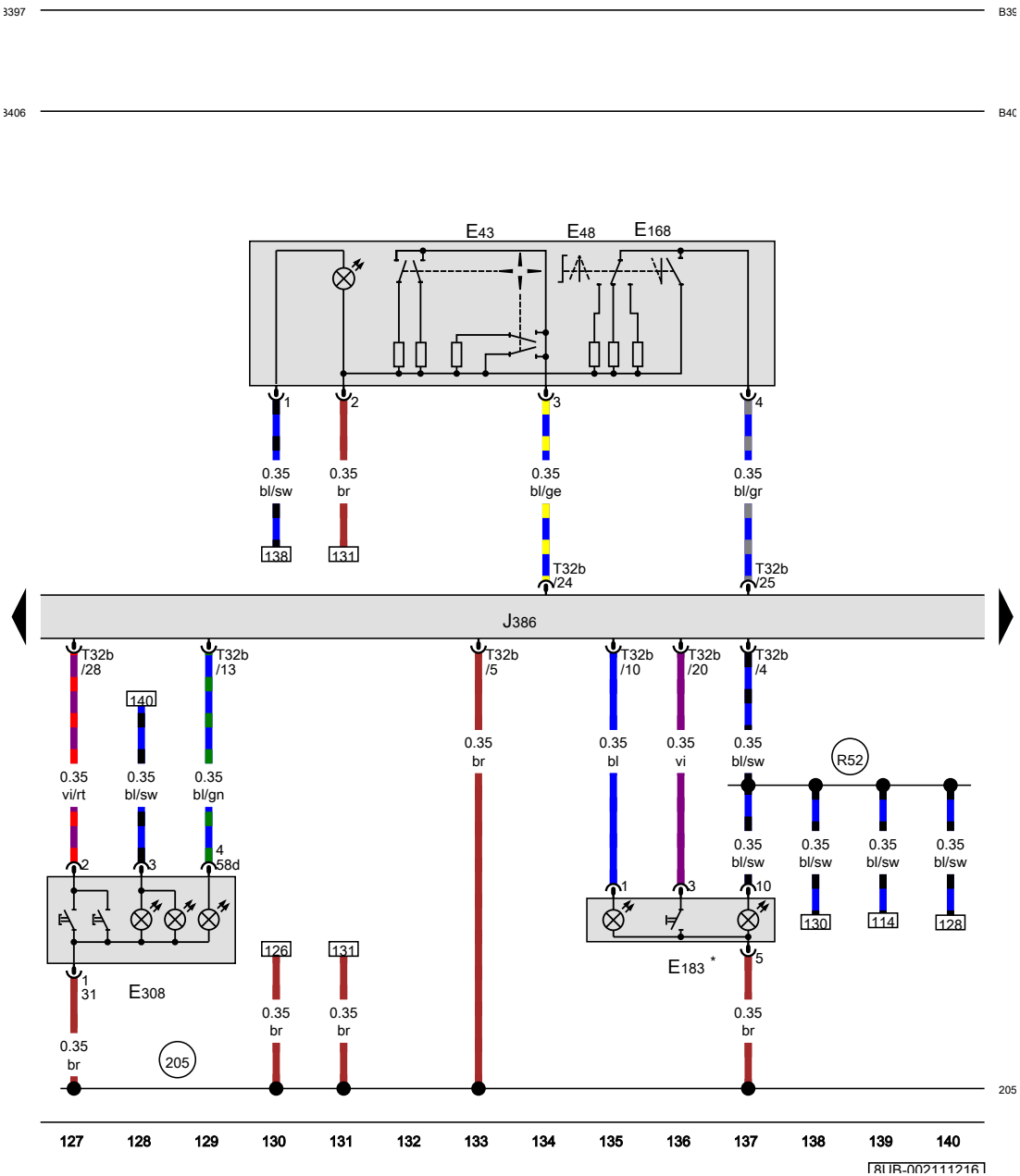


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Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Button for left childproof lock, Button for right childproof lock, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T32b	32-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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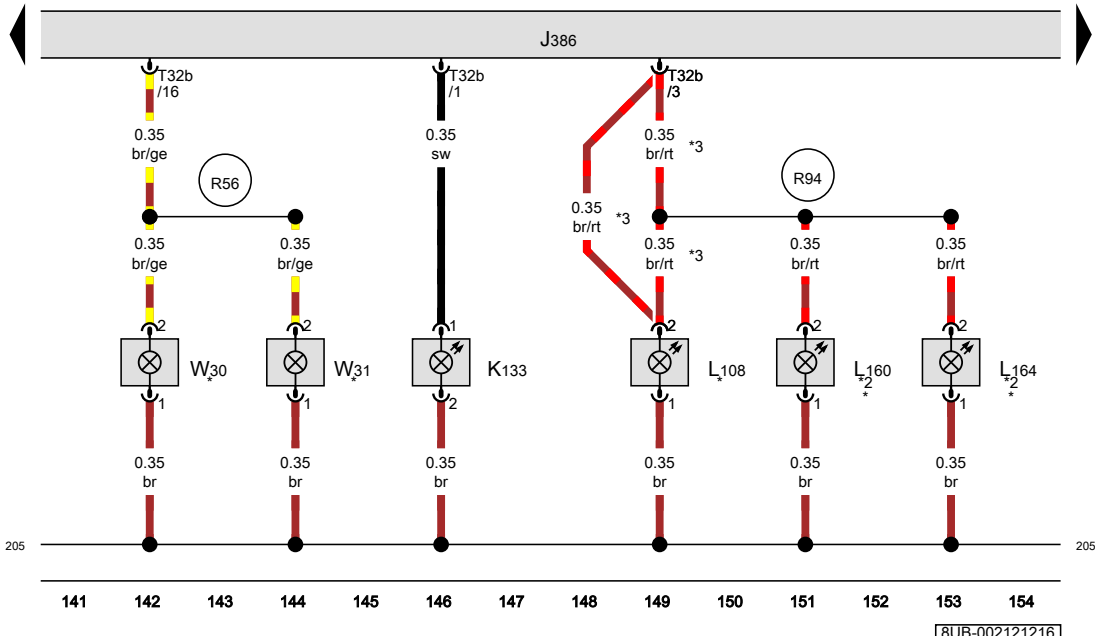


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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor

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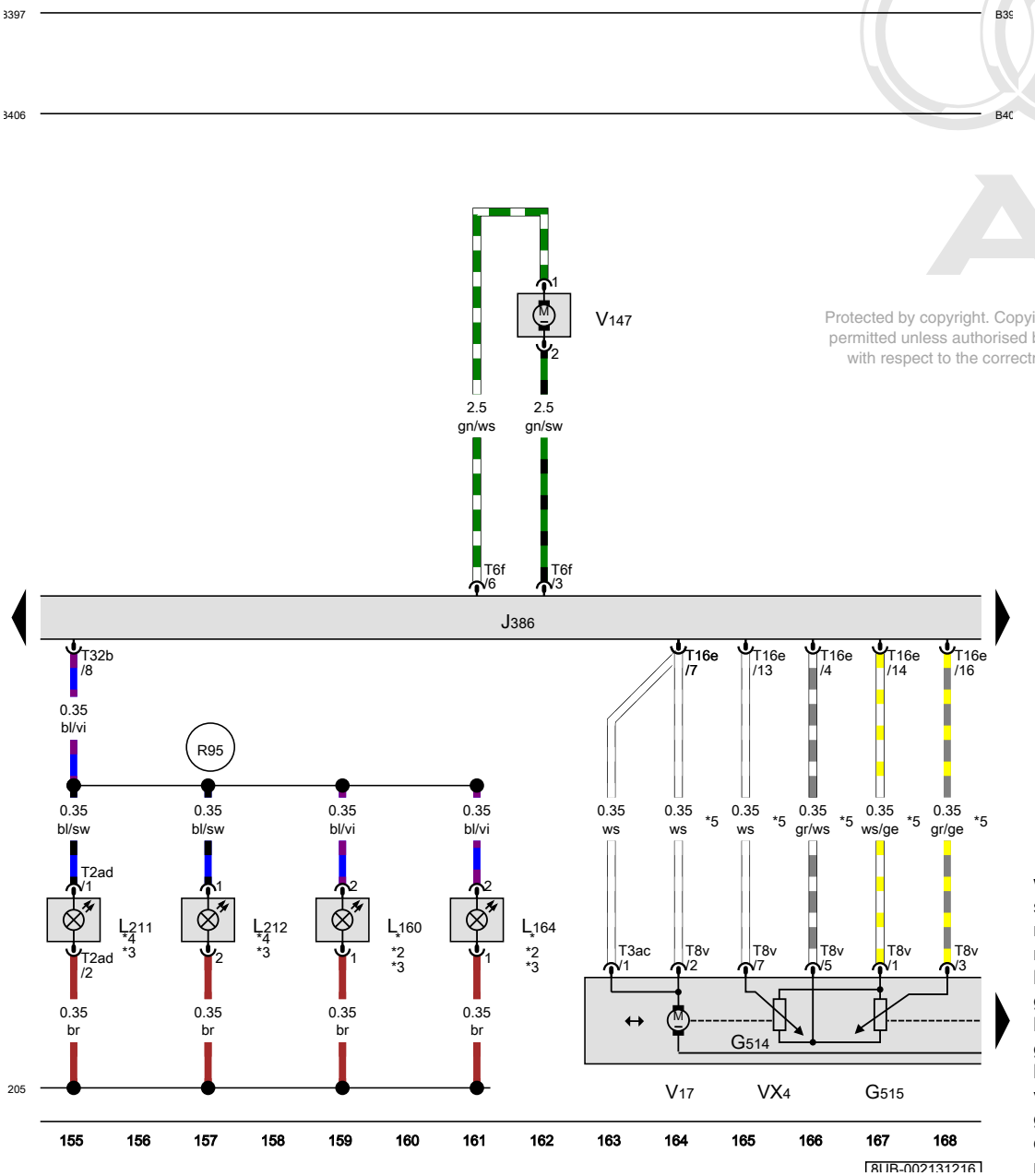
Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T32b	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light

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205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness

*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

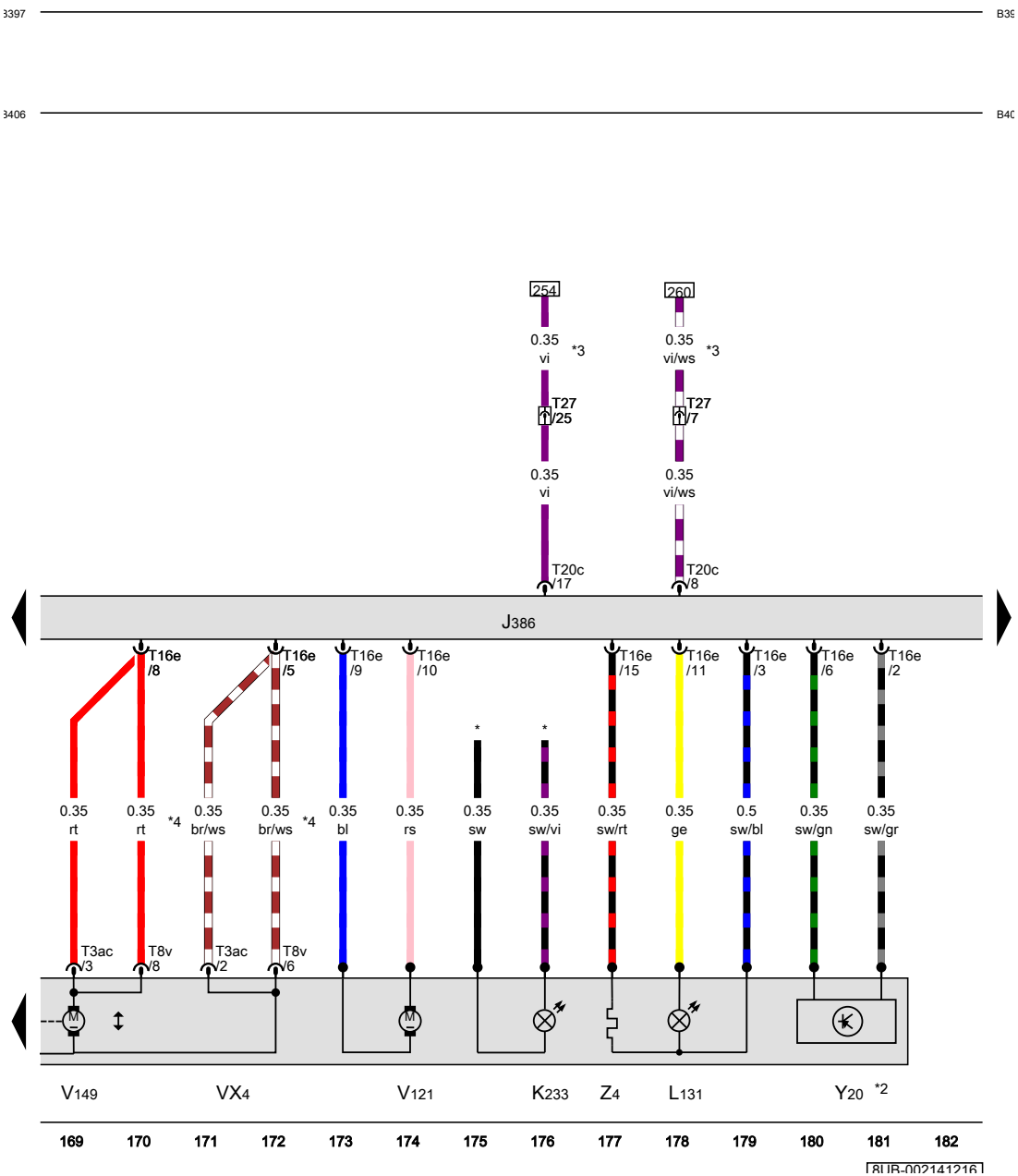


Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T2ad	2-pin connector
T3ac	3-pin connector
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector
T32b	32-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with BOSE sound system
*5	Only models with electric seat adjustment and memory function

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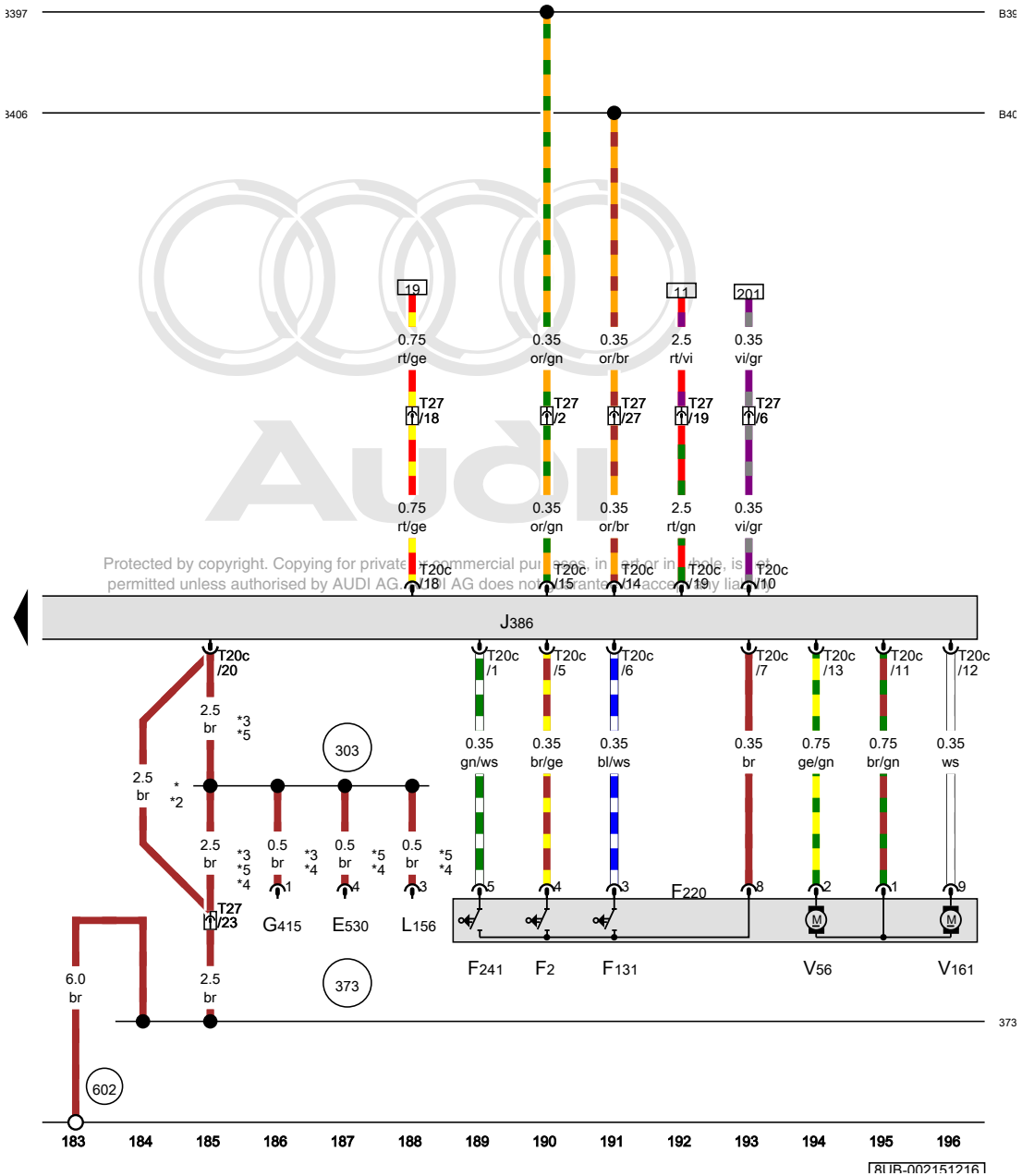
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Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector
T8v	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
T27	27-pin connector, on left A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function

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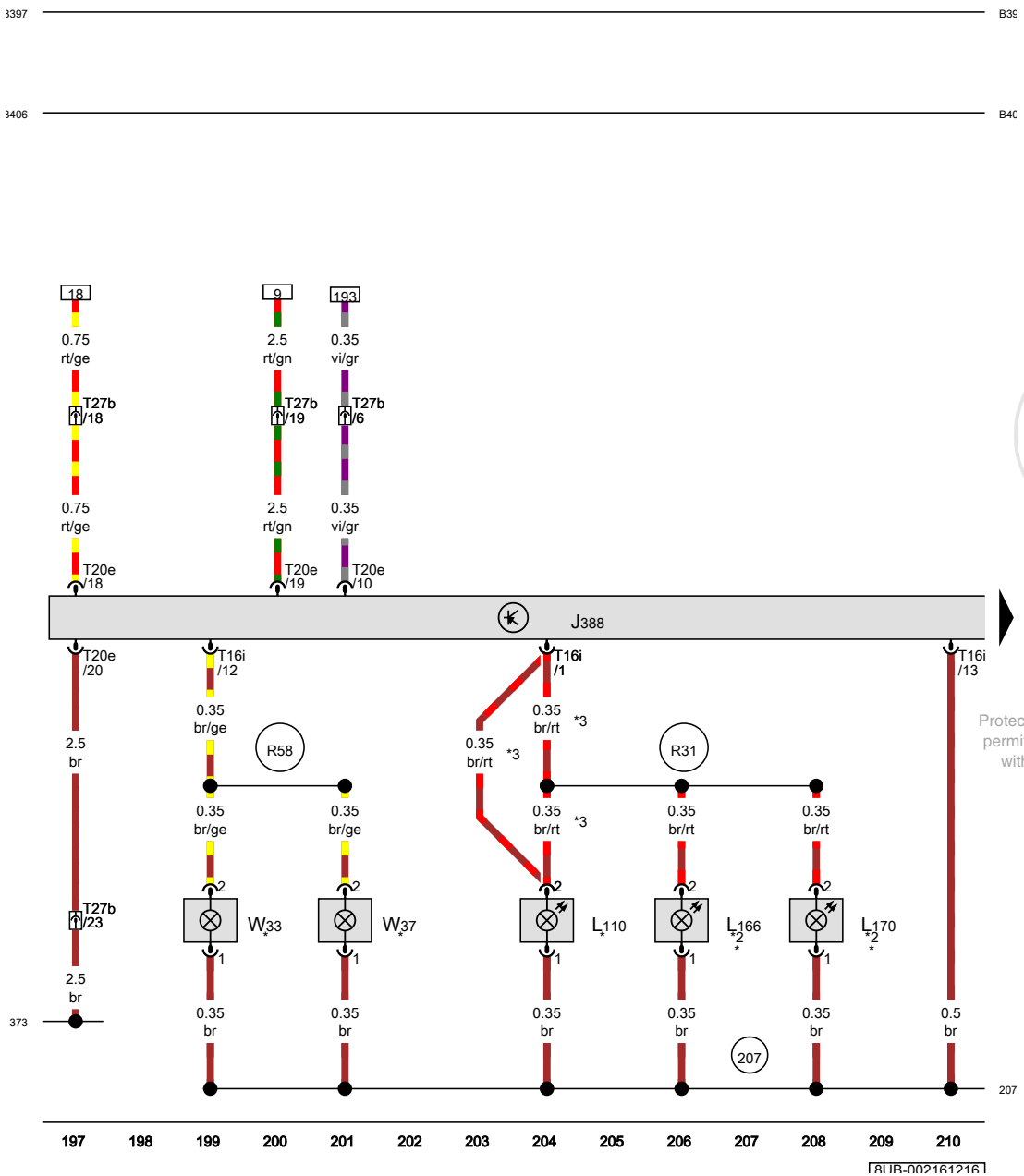
Driver side central locking lock unit, Driver door control unit



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E530	Button for lane change assist
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
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T20c	20-pin connector
T27	27-pin connector, on left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	According to equipment
*3	Only models with entry and start authorisation
*4	see applicable current flow diagram
*5	Only models with lane change assist

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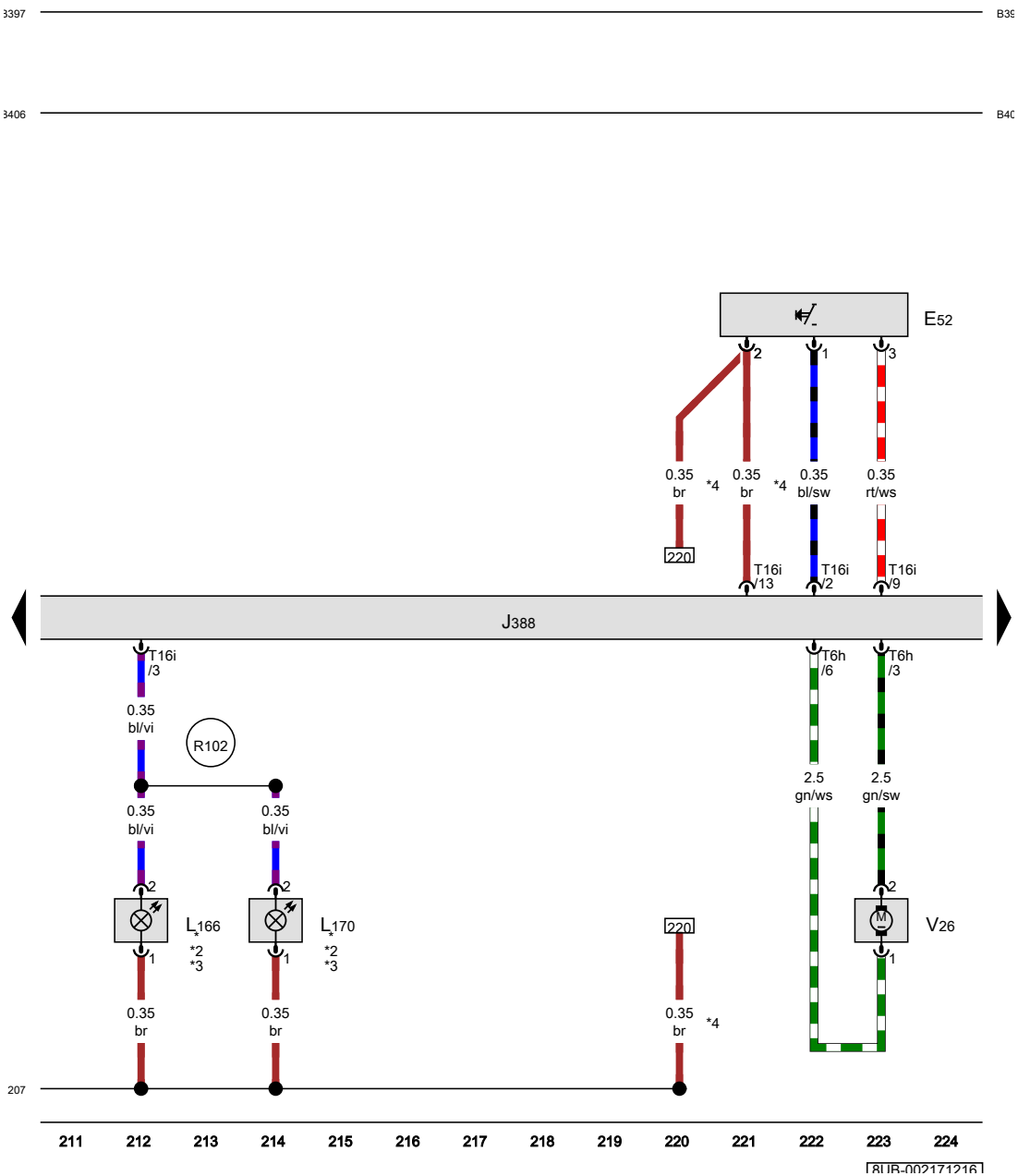


Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T16i	16-pin connector
T20e	20-pin connector
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
373	Earth connection 8, in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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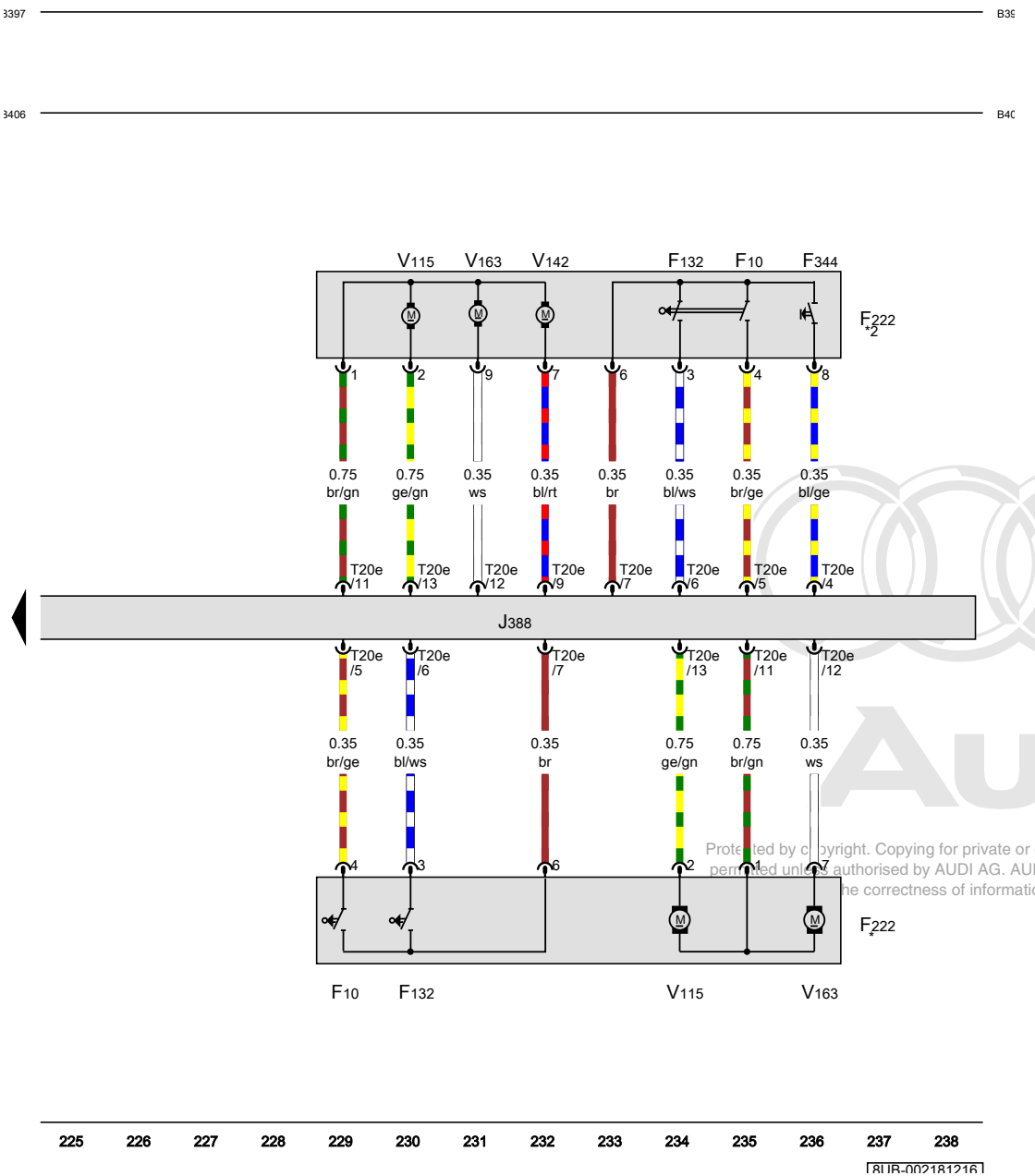


Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T6h	6-pin connector
T16i	16-pin connector
V26	Rear left window regulator motor
207	Earth connection, in rear left door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R102	Connection 2, in rear left door wiring harness
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*4	According to equipment

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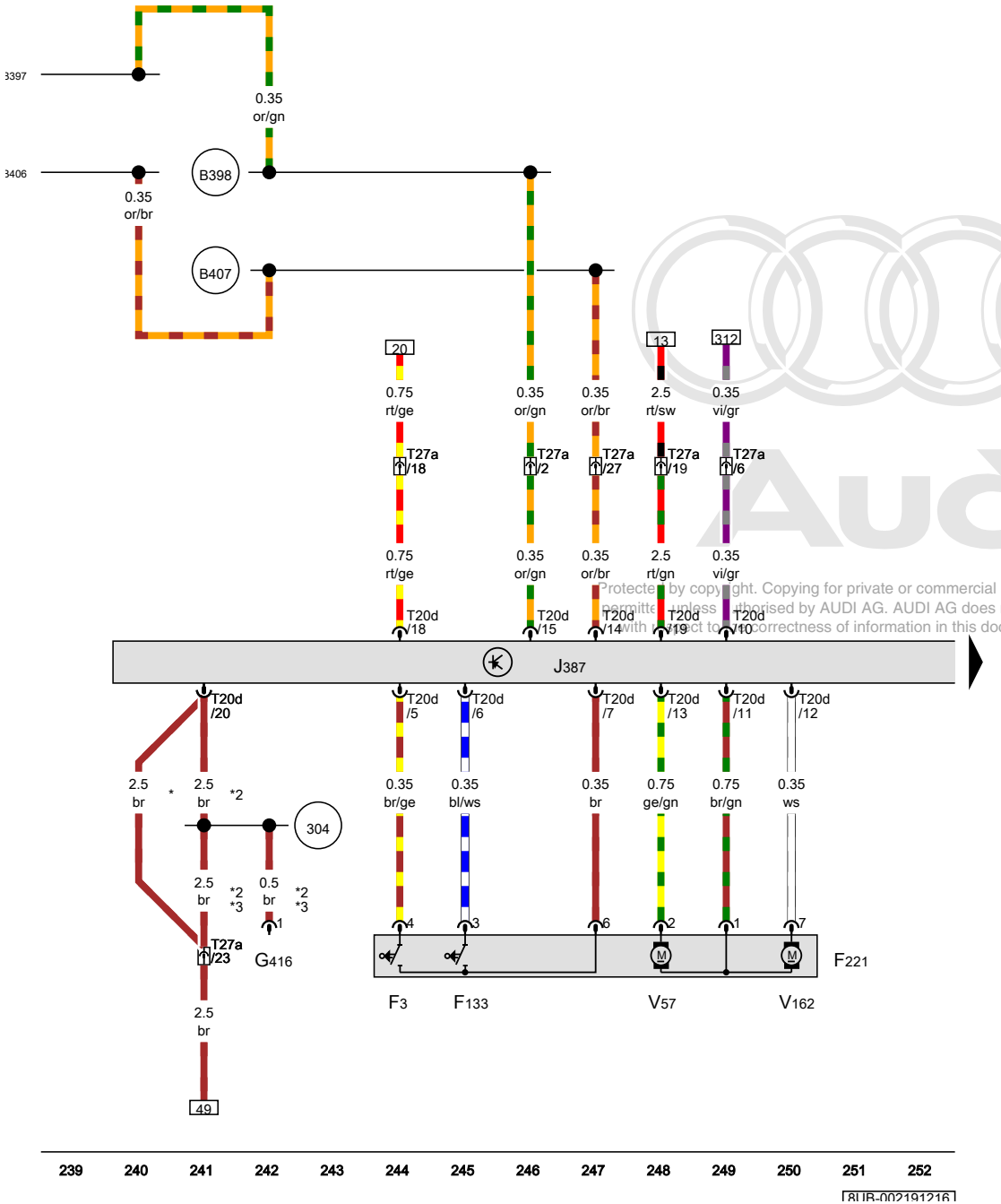


Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T20e	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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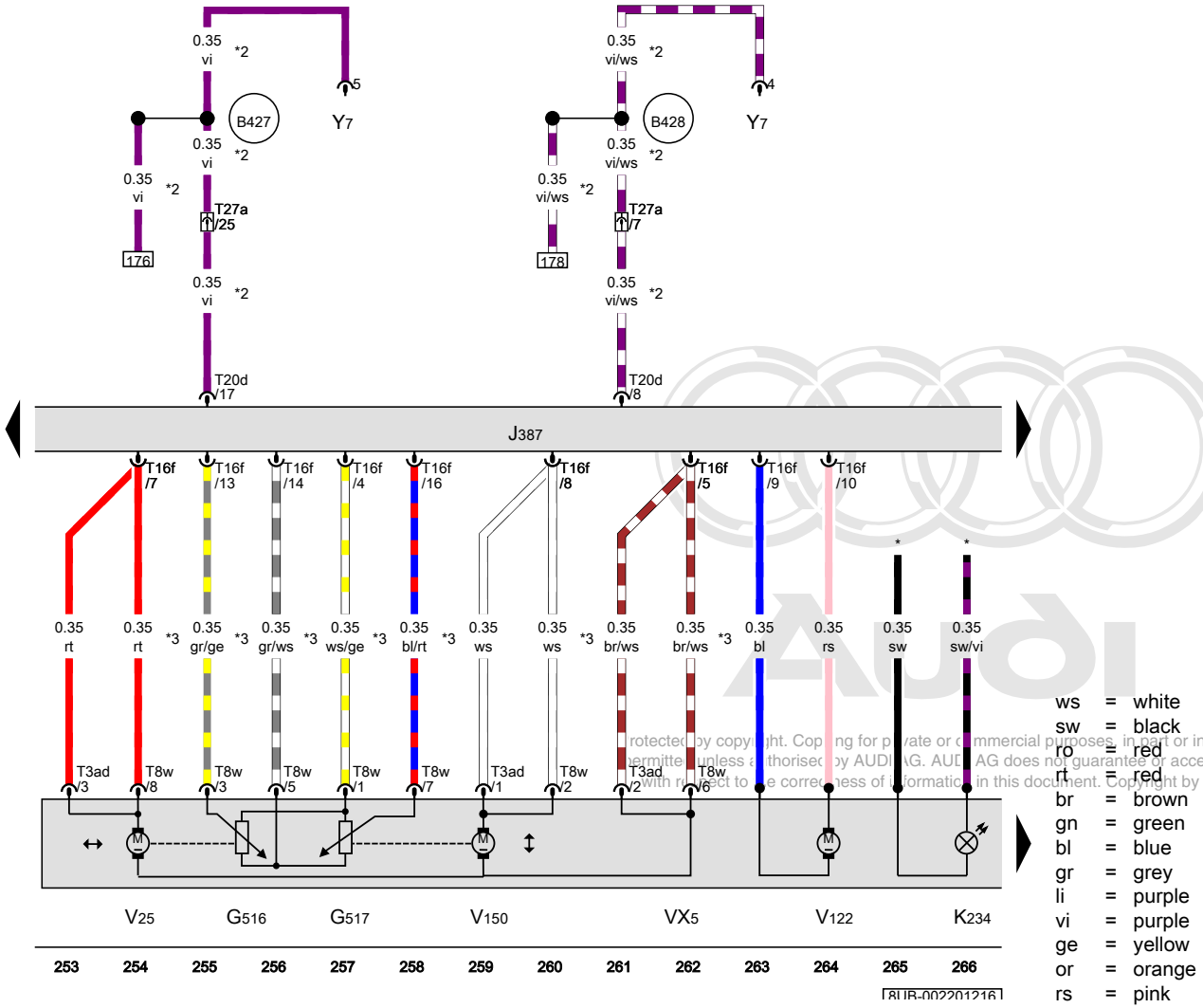
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Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram

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sw	=	black
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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor



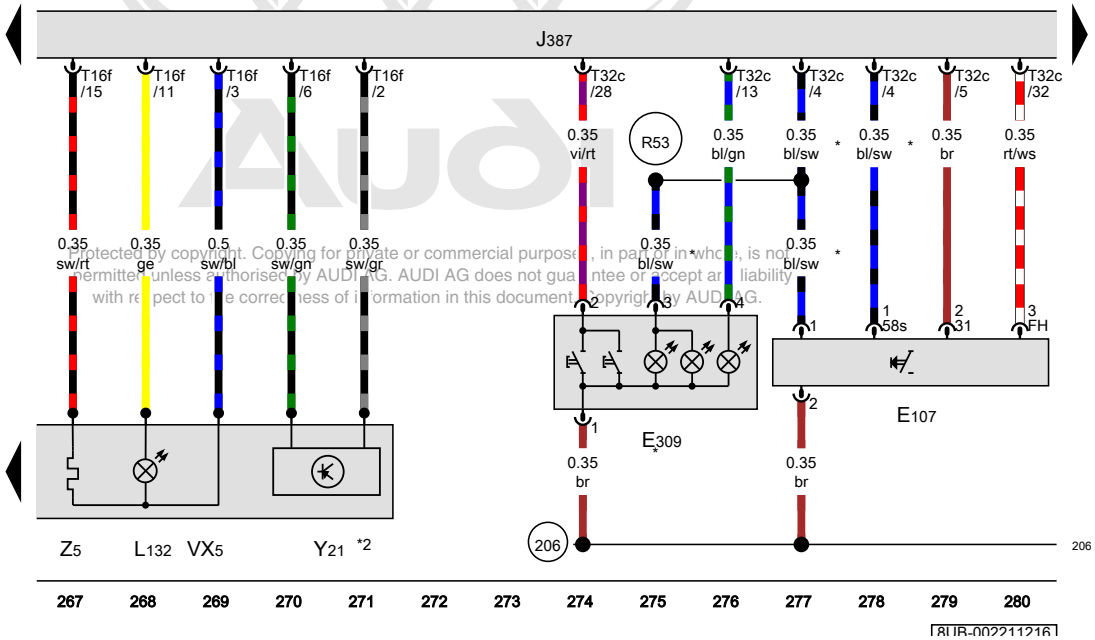
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rs	=	pink

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
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector
T8w	8-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16f	16-pin connector
T32c	32-pin connector
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror

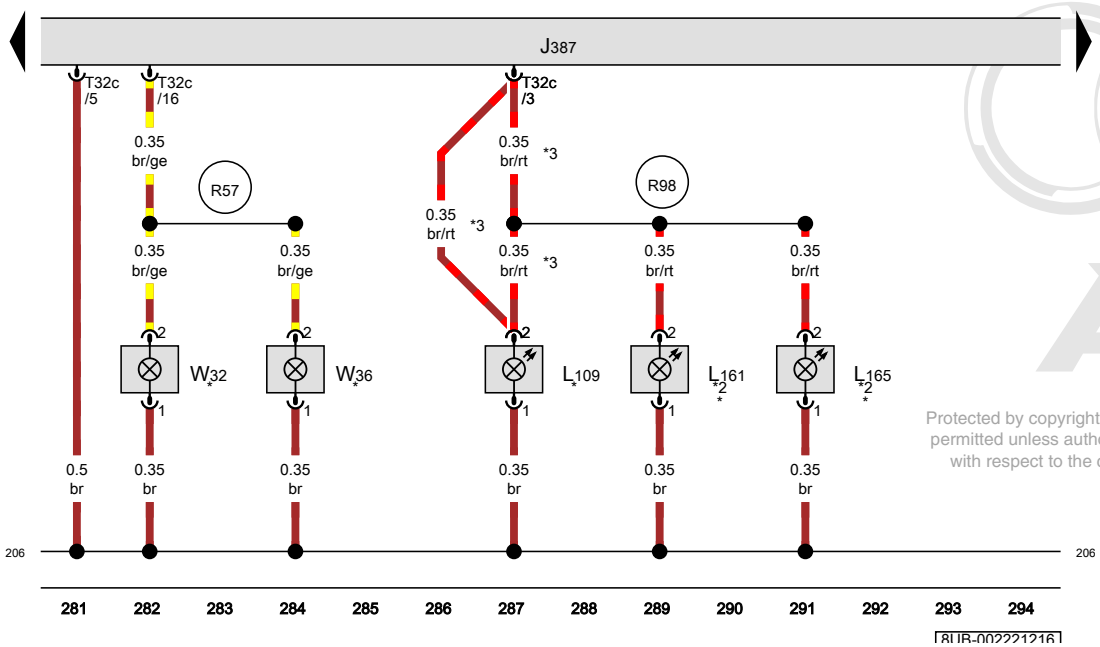


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rs	=	pink

Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T32c	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment



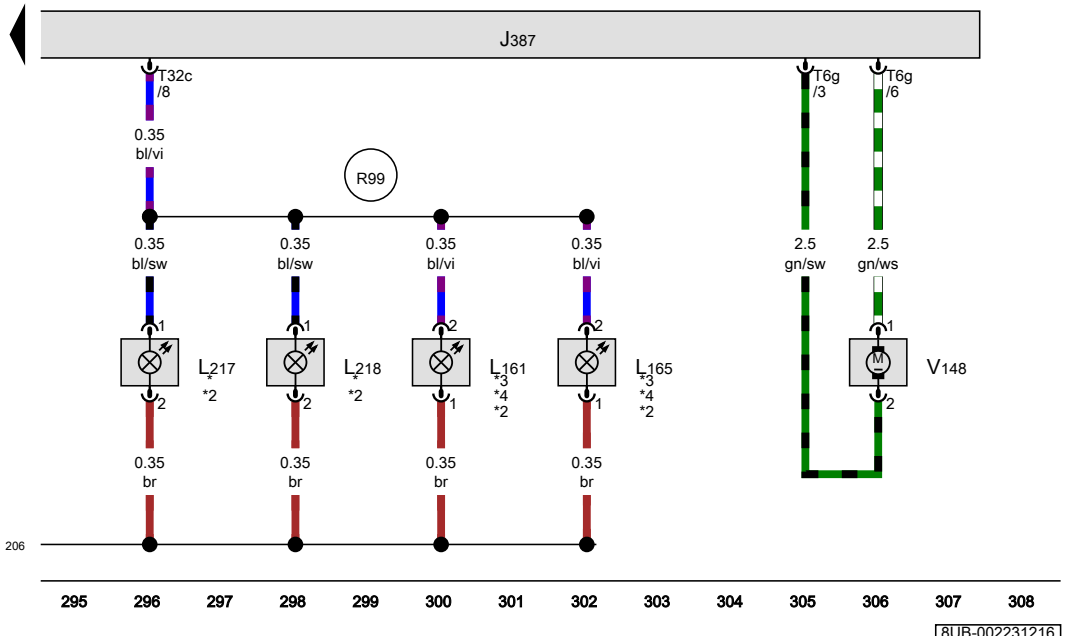
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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T6g	6-pin connector
T32c	32-pin connector
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI

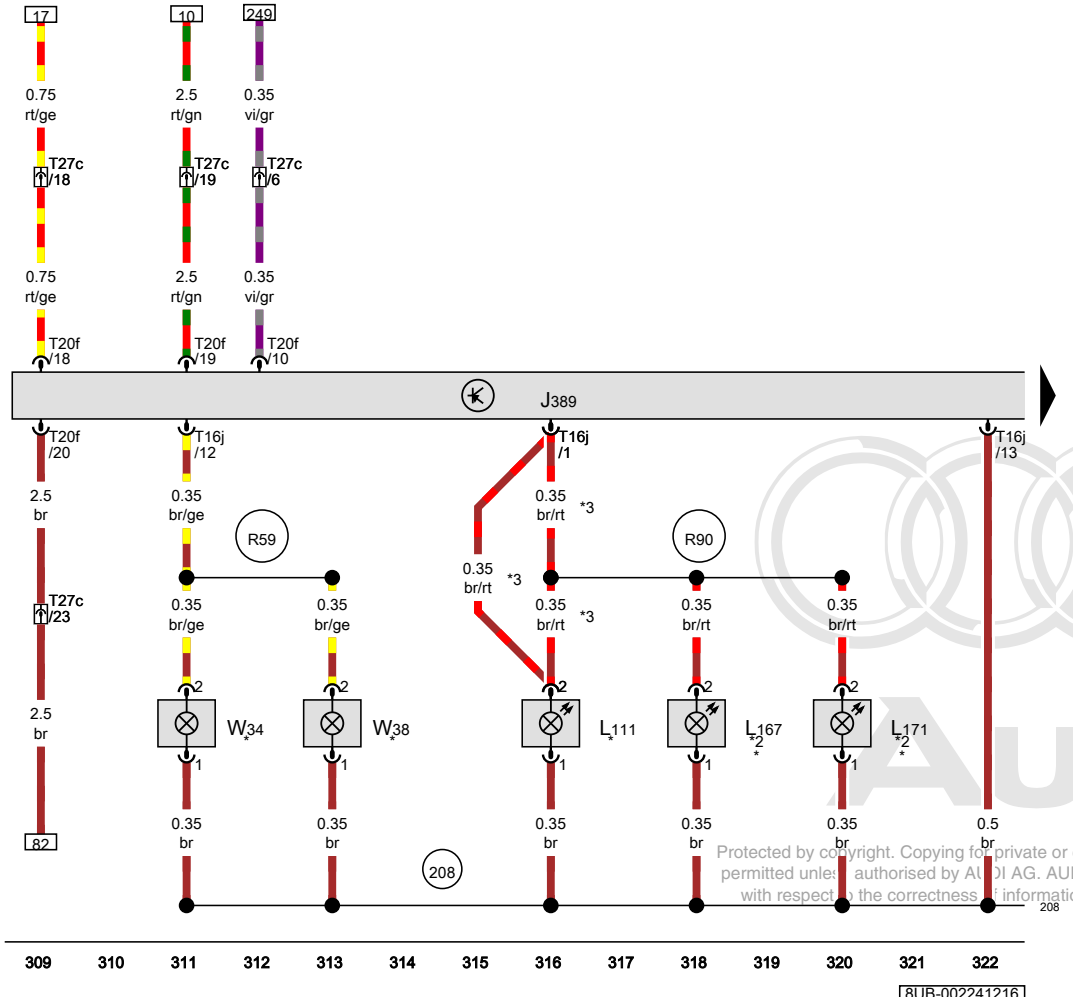
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Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T16j	16-pin connector
T20f	20-pin connector
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

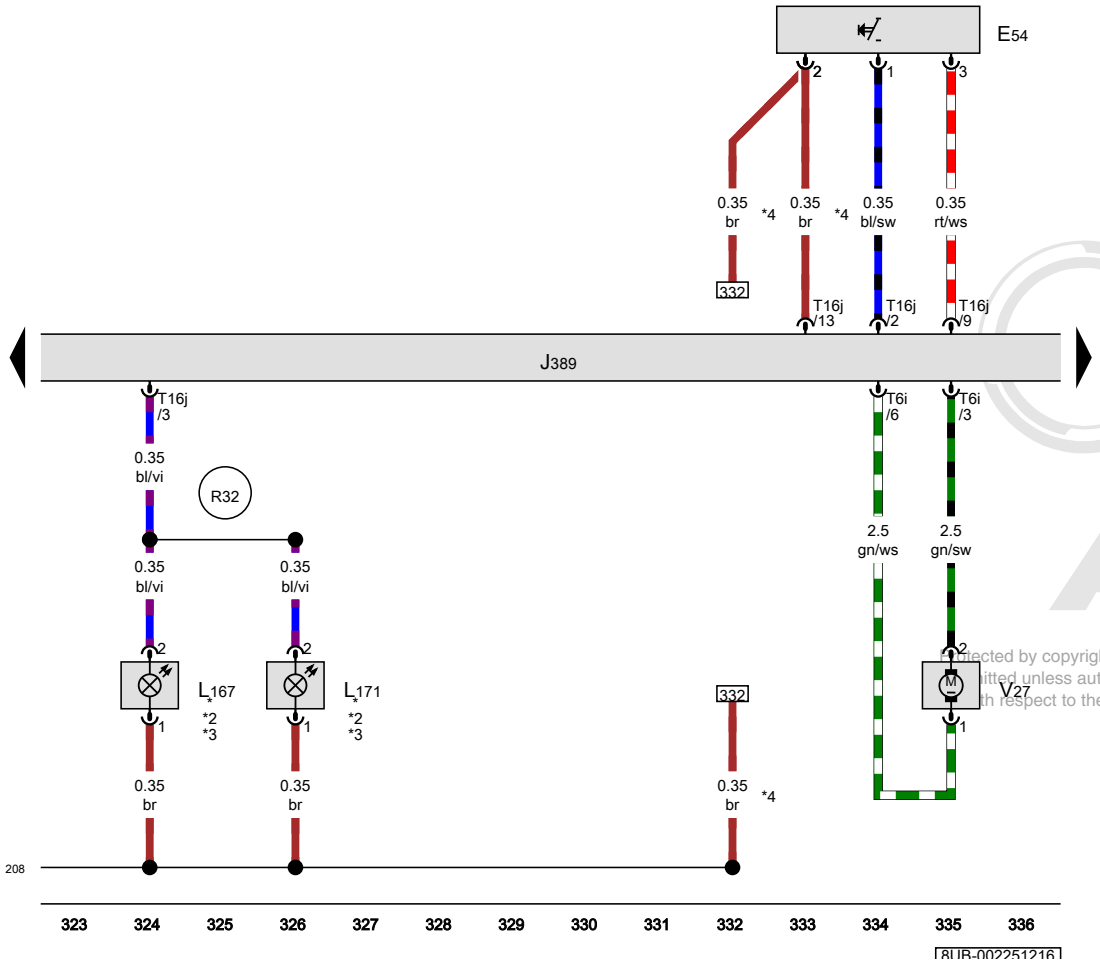


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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T6i	6-pin connector
T16j	16-pin connector
V27	Rear right window regulator motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

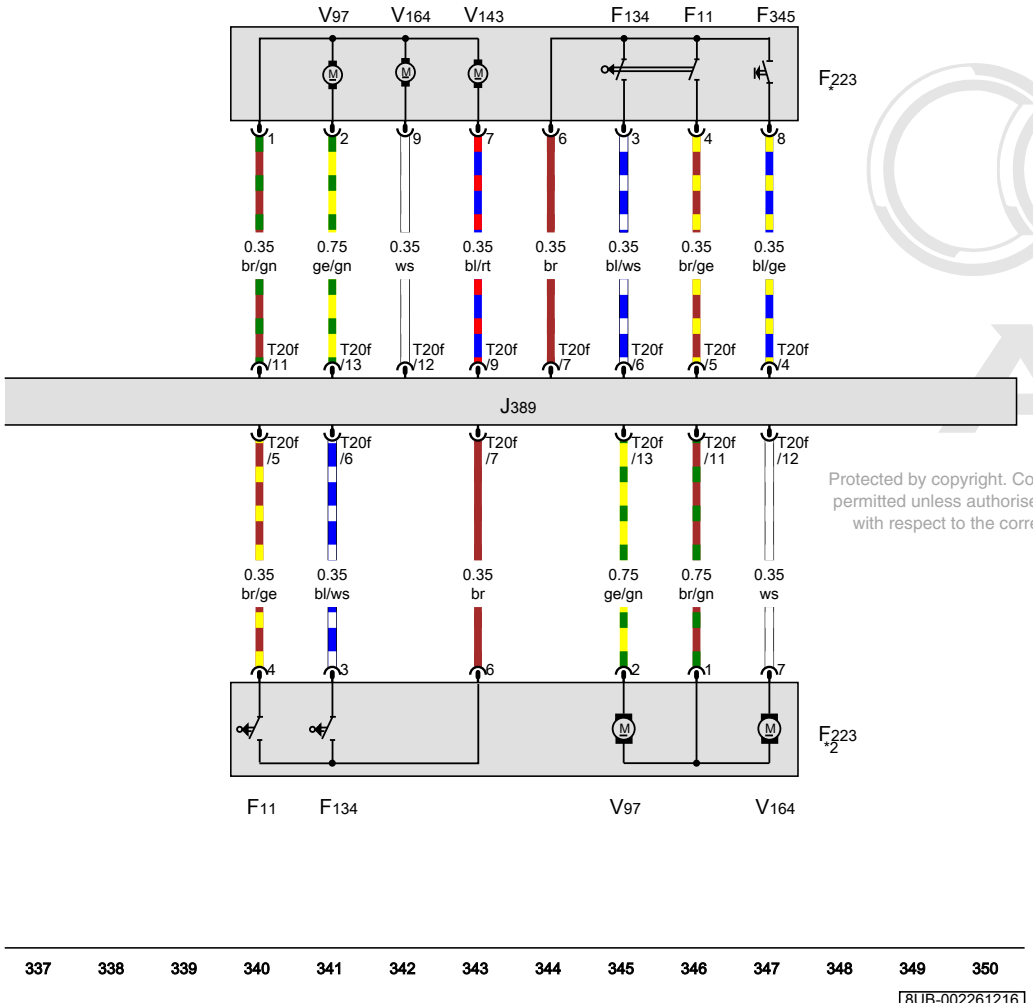


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Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T20f	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Only models with no childproof locks



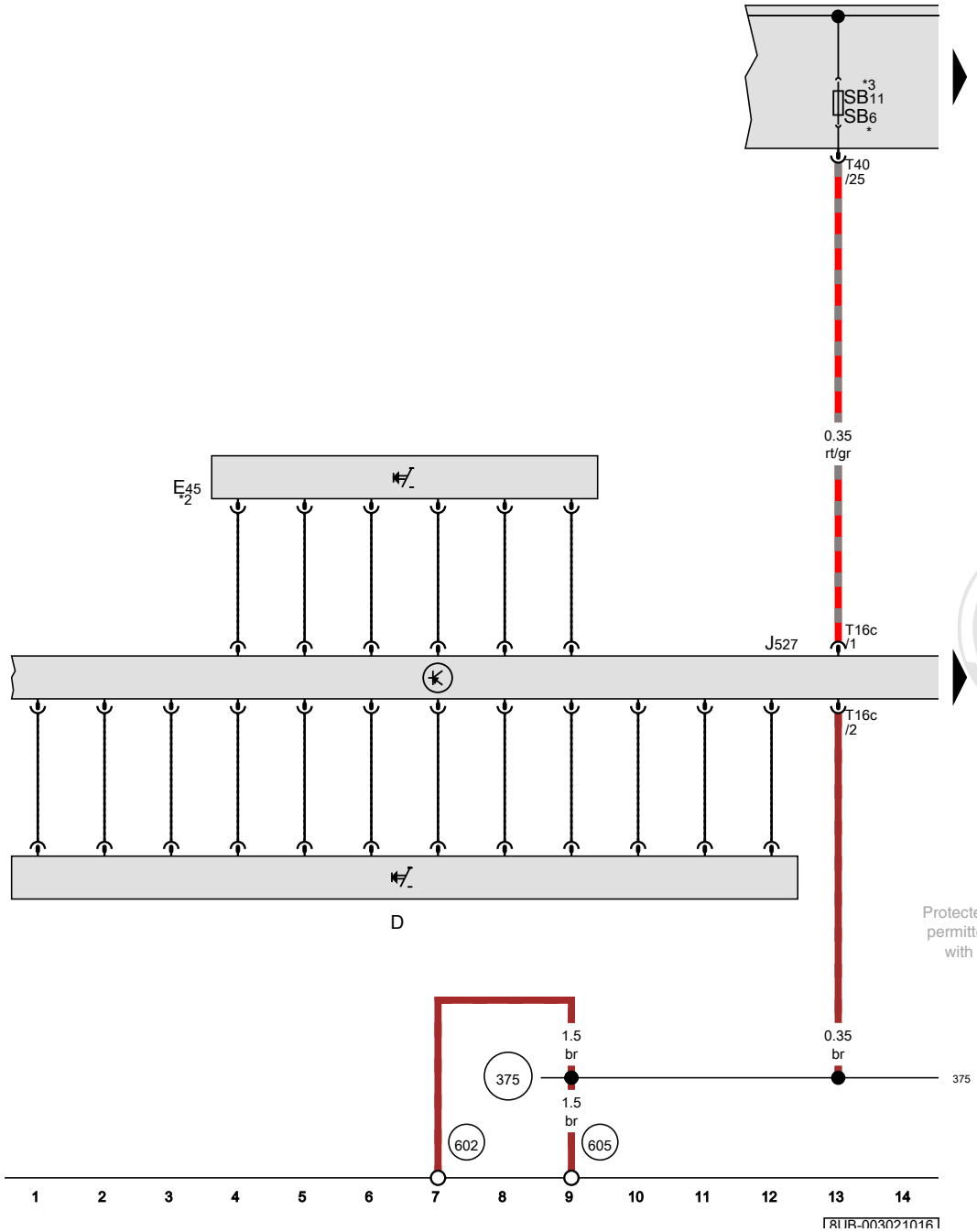
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2.0l diesel engine , CFFA,CFFB,CFGA,CFGB,CFGC,CFGD,CLLA,CLLB,CLJA

From August 2011

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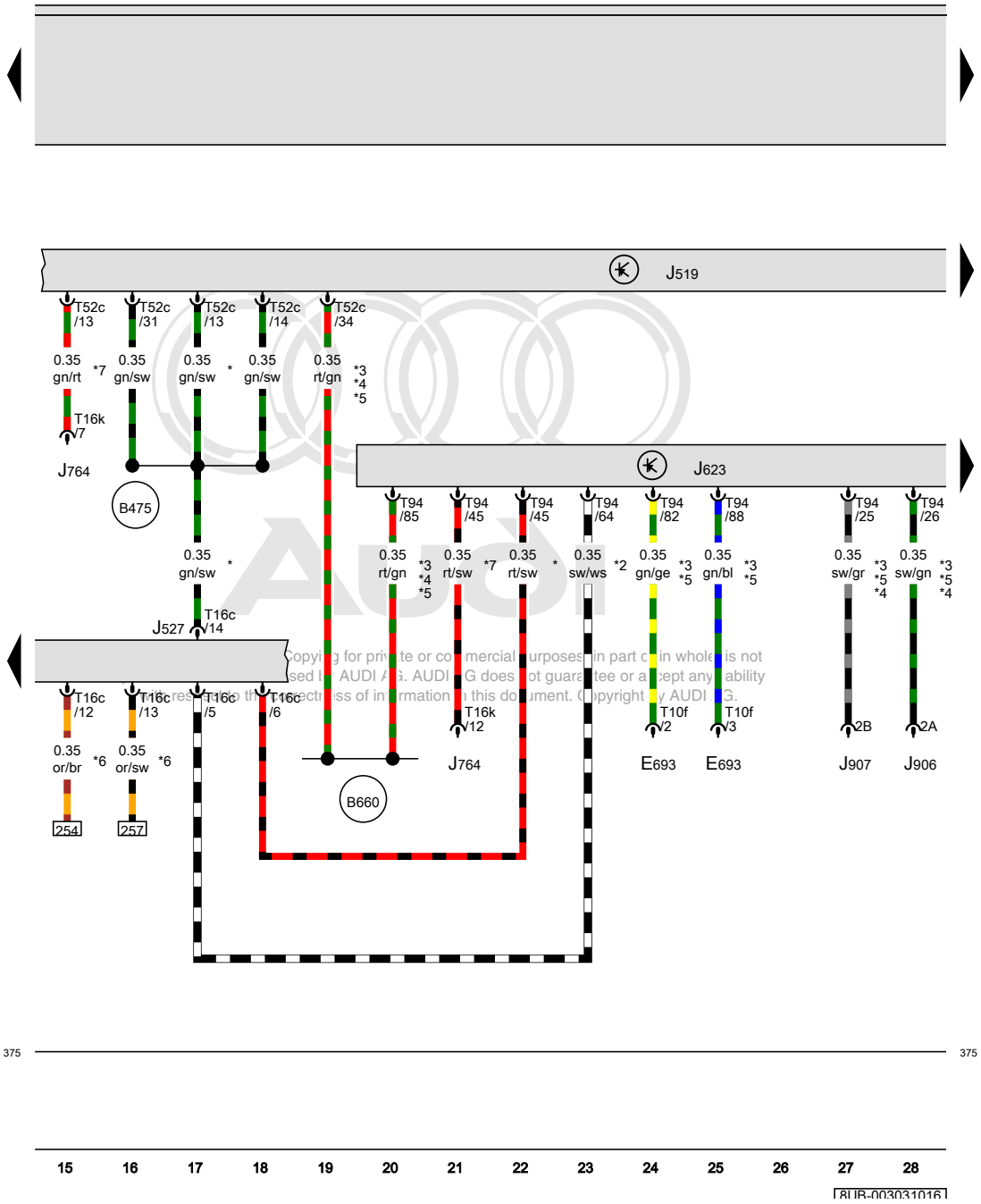


Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Up to October 2012
*2	Only models with cruise control system (CCS)
*3	From November 2012

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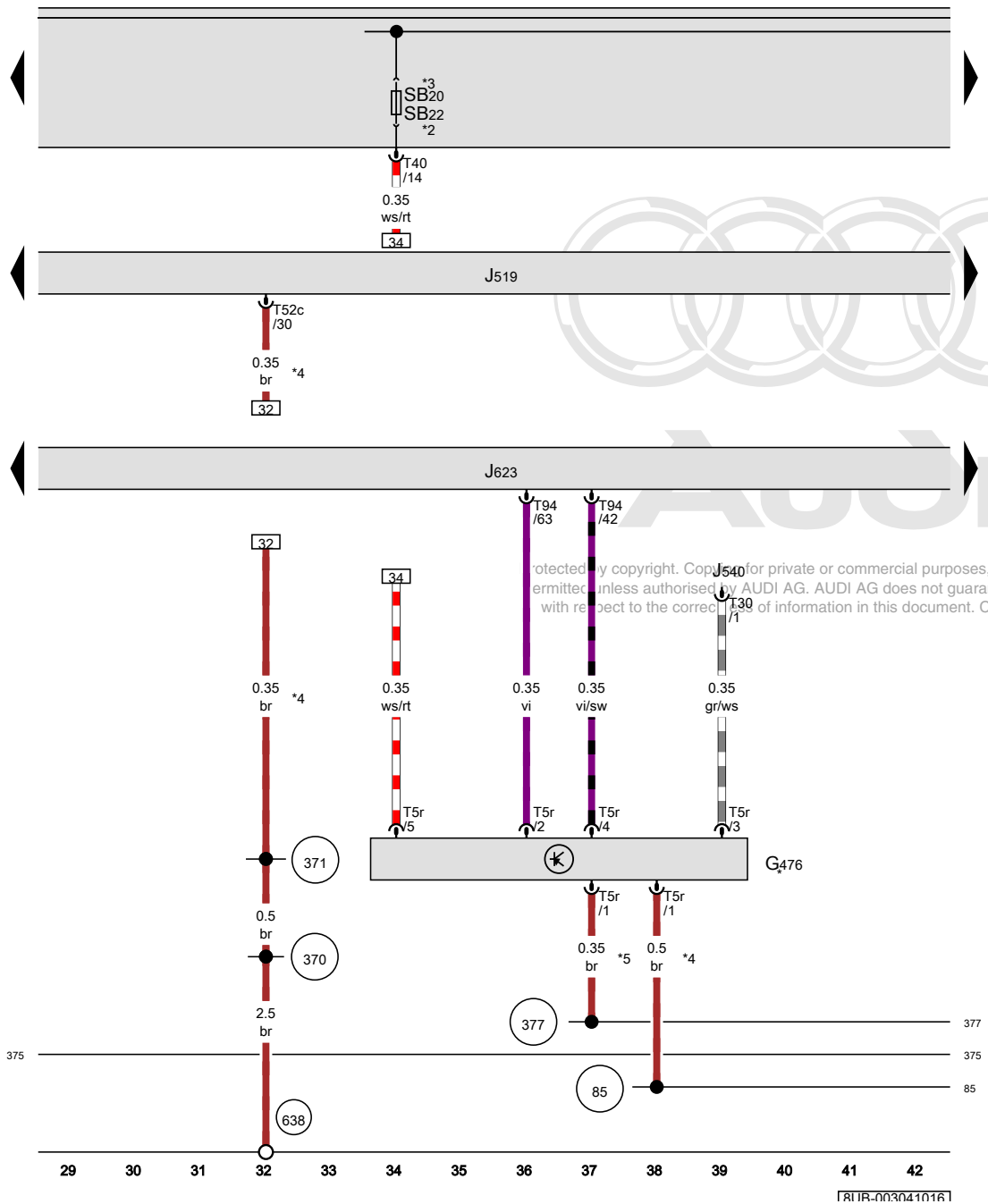


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Onboard supply control unit, Steering column electronics control unit, Engine control unit

E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T10f	10-pin connector
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only left-hand drive models
*7	Only models with entry and start authorisation

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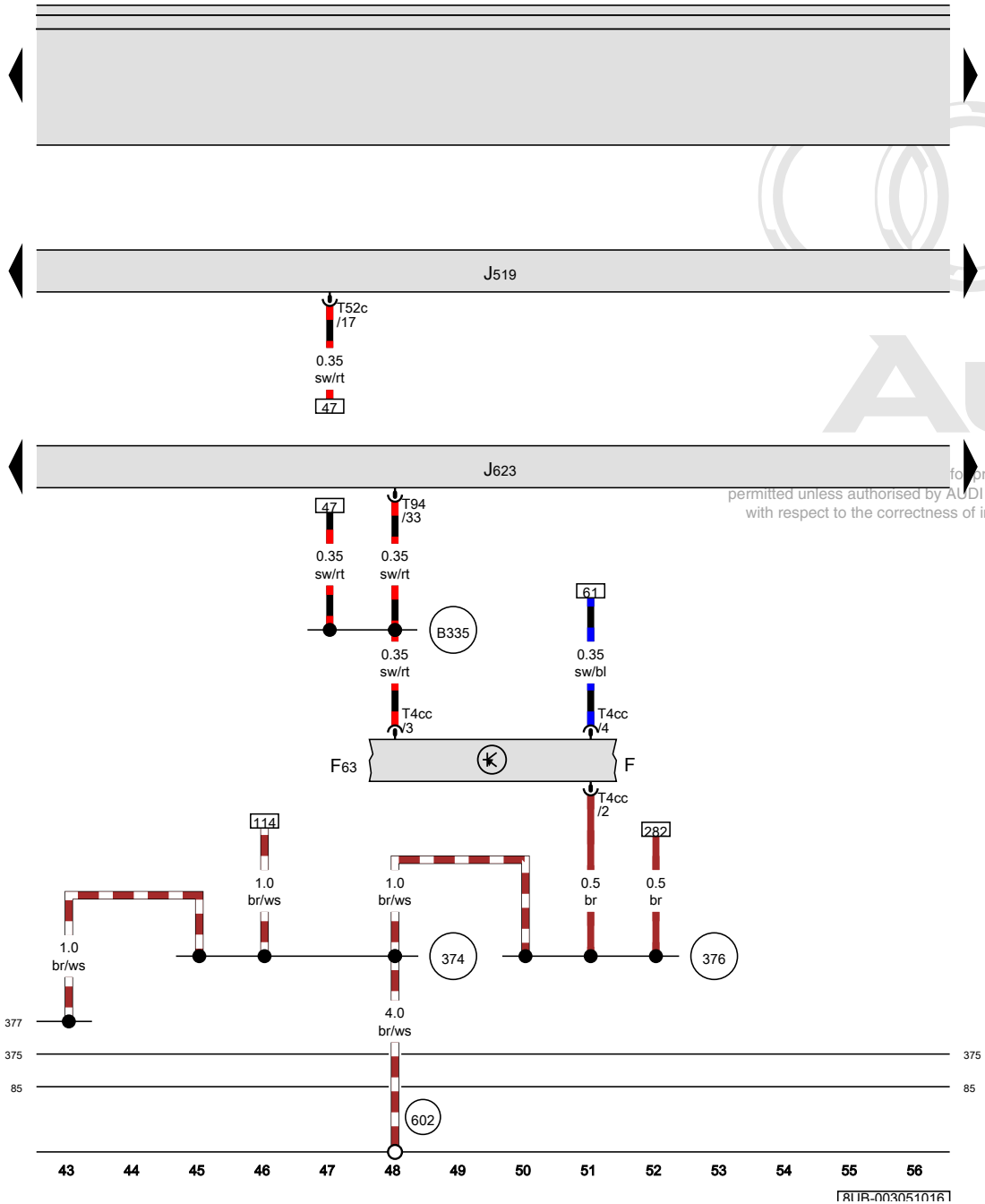


ws = white
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ro = red
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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
T5r	5-pin connector, black
T30	30-pin connector
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
638	Earth point, on right A-pillar
*	Only models with manual gearbox
*2	Up to October 2012
*3	From November 2012
*4	Only models with start/stop system
*5	Only models with no start/stop system

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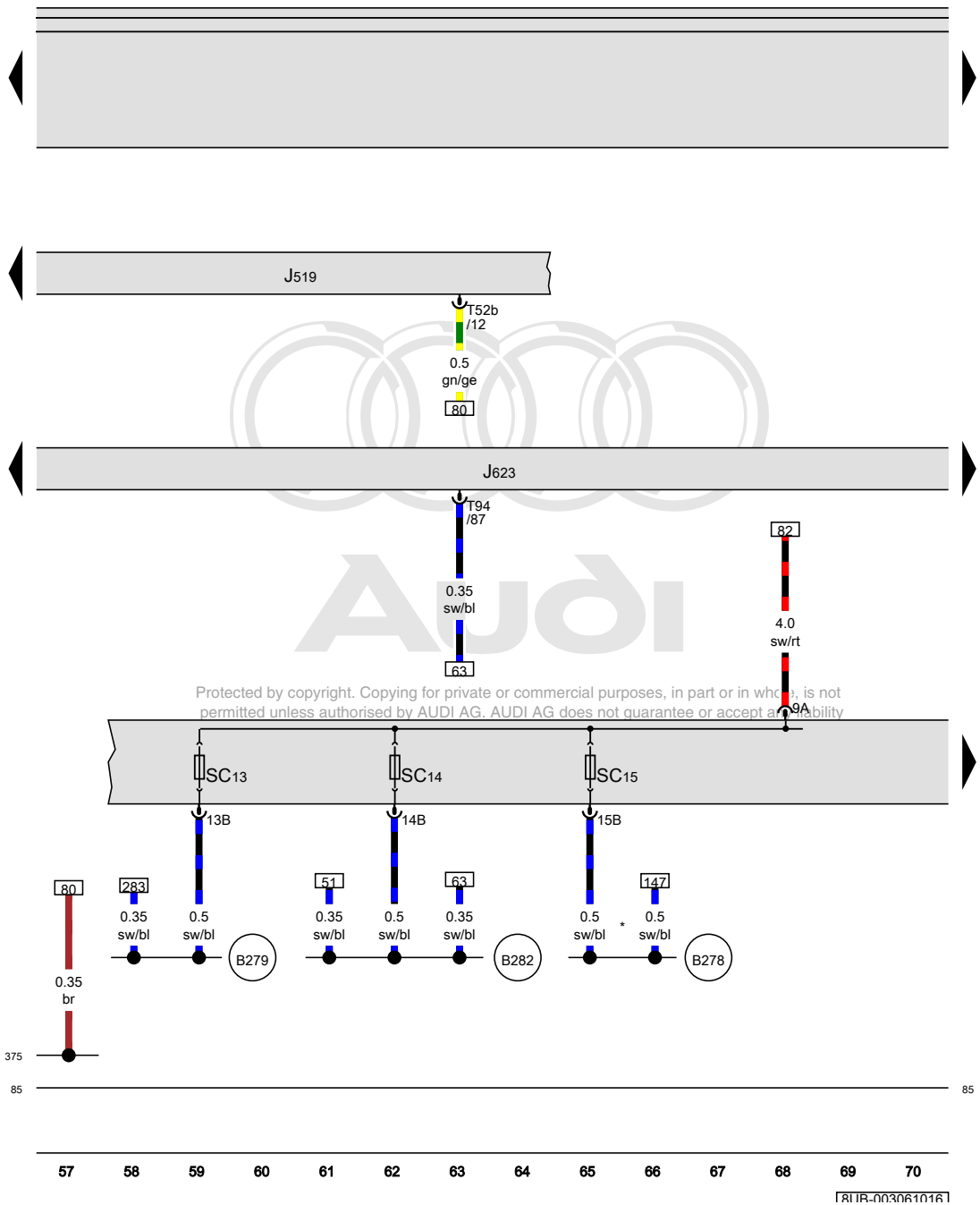


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
T4cc	4-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness

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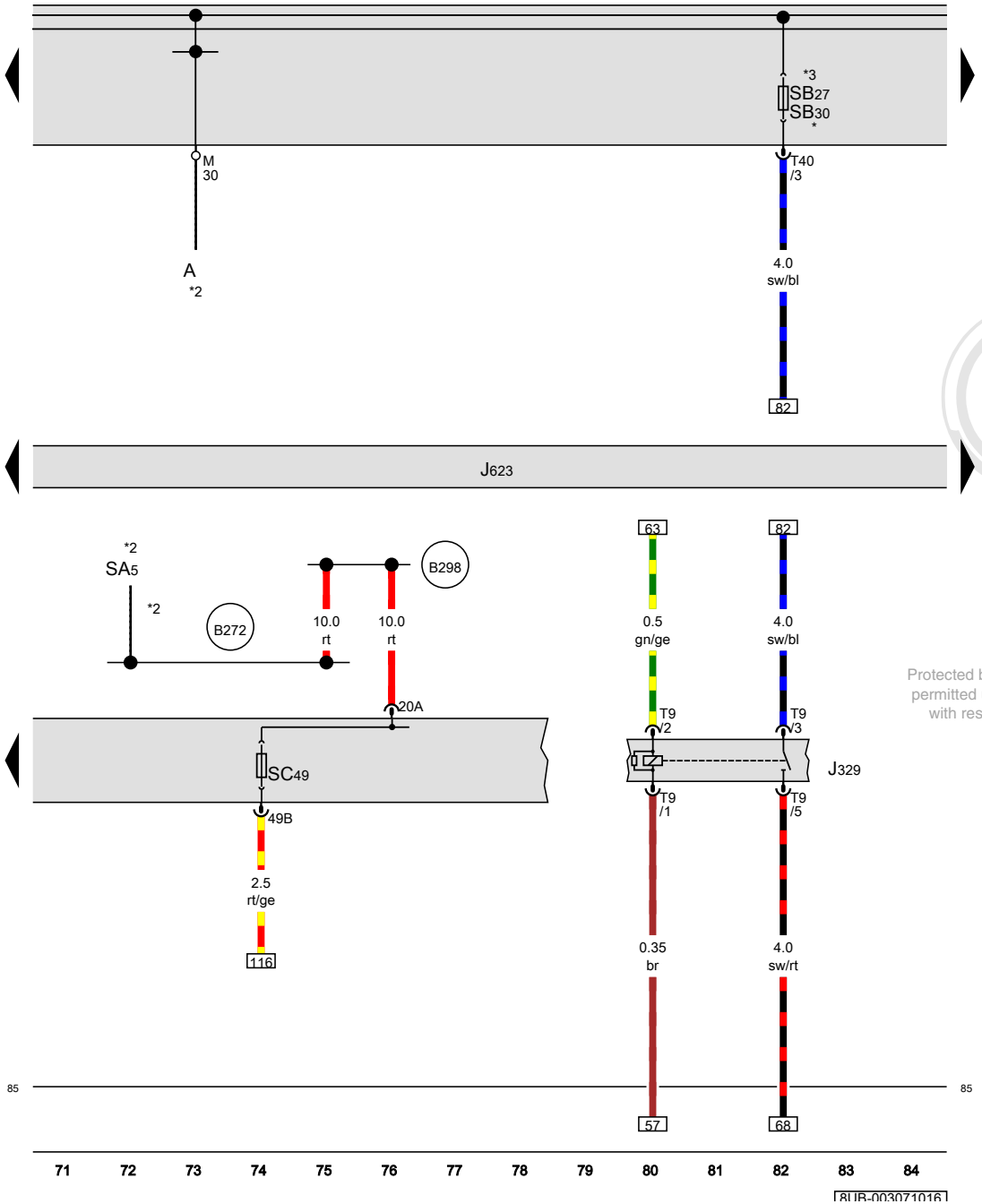


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Onboard supply control unit, Engine control unit

J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T52b	52-pin connector, colourless
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
375	Earth connection 10, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	Cross section depends on equipment

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rt	=	red
br	=	brown
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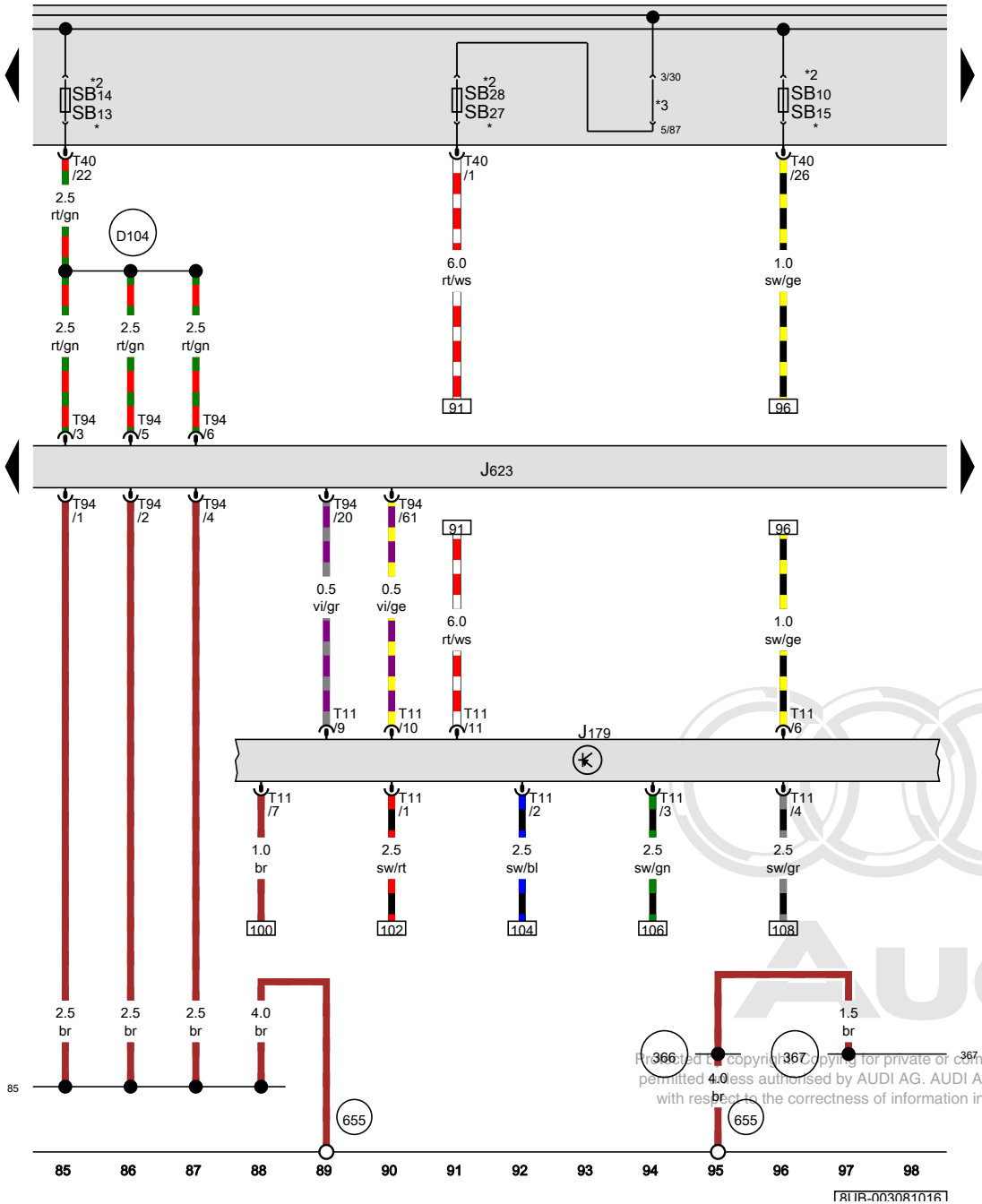


Terminal 15 voltage supply relay, Engine control unit

A	Battery
J329	Terminal 15 voltage supply relay
J623	Engine control unit
SA5	Fuse 5 on fuse holder A
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC49	Fuse 49 on fuse holder C
T9	9-pin connector, black
T40	40-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	Up to October 2012
*2	see applicable current flow diagram for battery in engine compartment
*3	From November 2012

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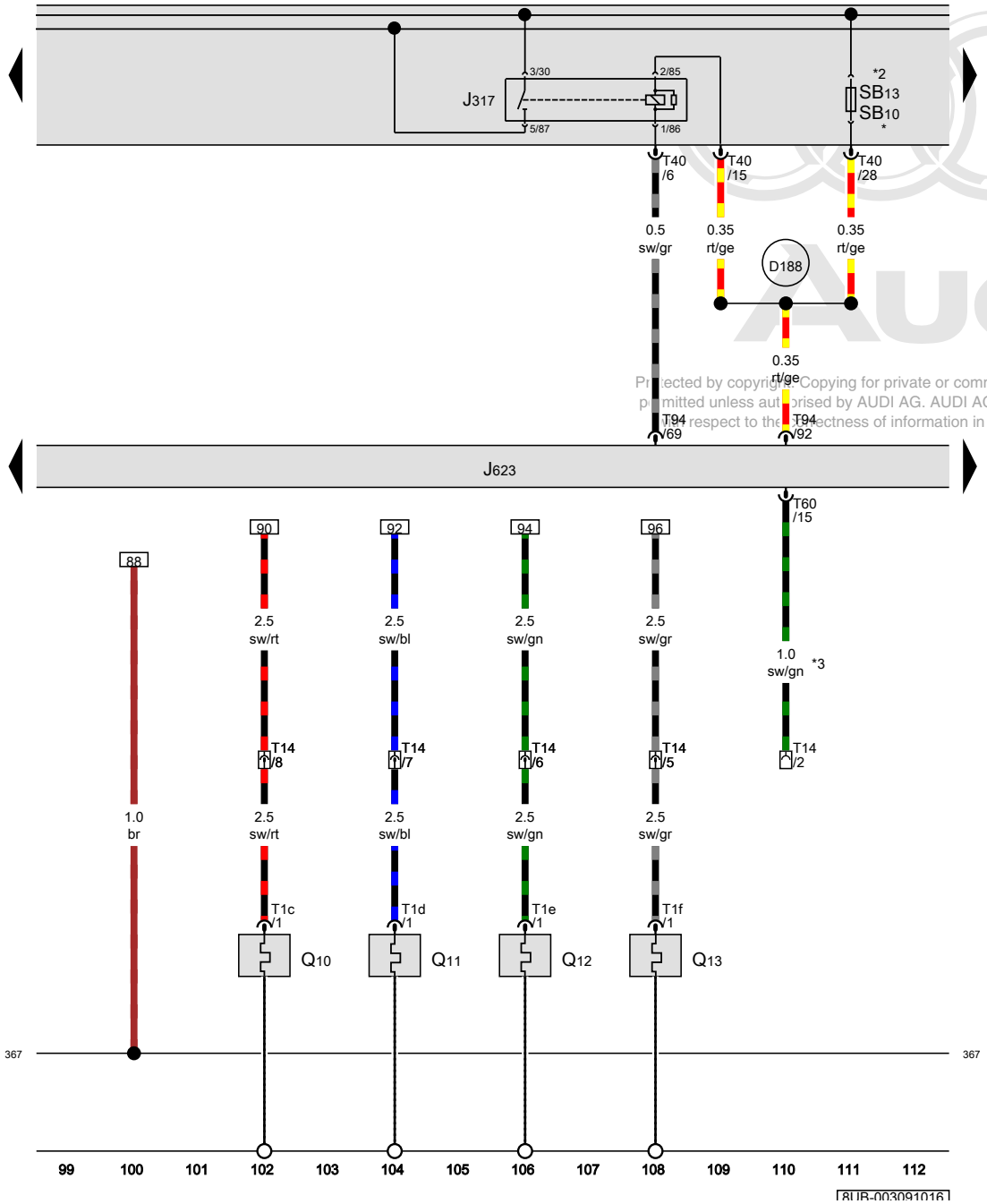


Automatic glow period control unit, Engine control unit

J179	Automatic glow period control unit
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB15	Fuse 15 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T11	11-pin connector
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012
*3	Contact bridge, only models with diesel engine

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Terminal 30 voltage supply relay, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

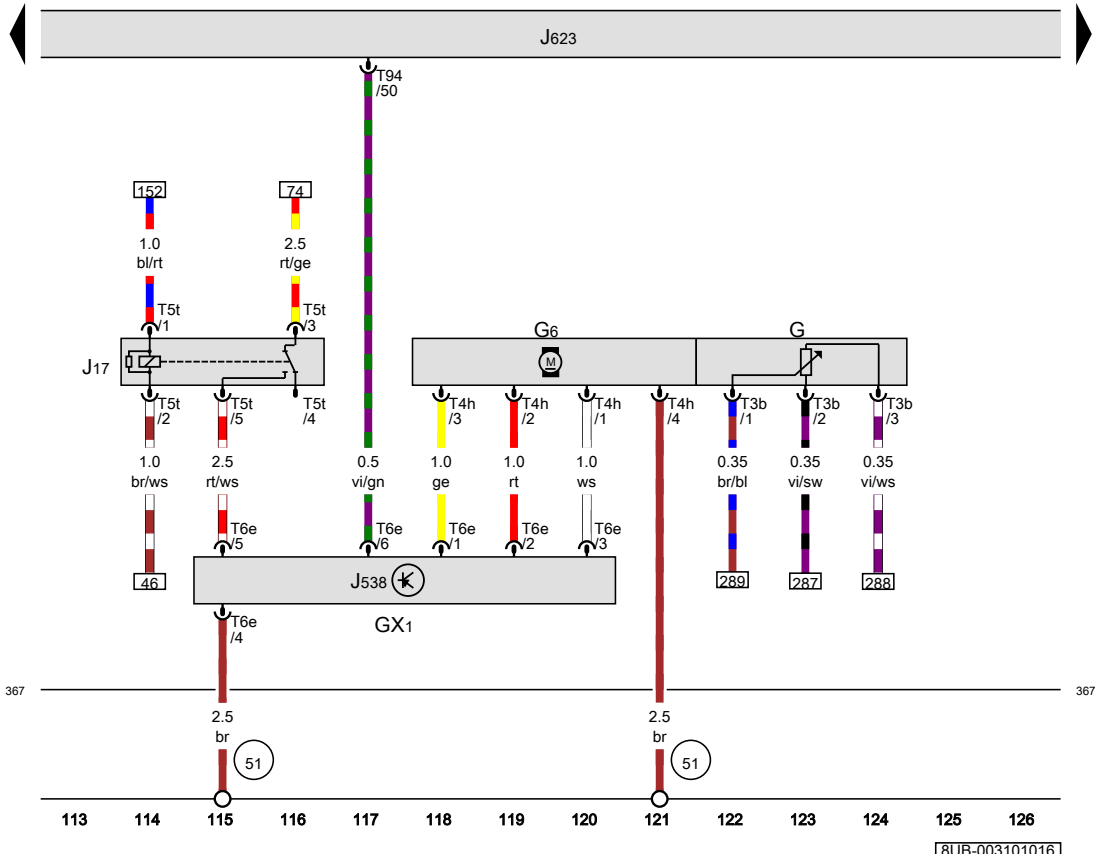
J317	Terminal 30 voltage supply relay
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
T1c	1-pin connector, black
T1d	1-pin connector, black
T1e	1-pin connector, black
T1f	1-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
367	Earth connection 2, in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012
*3	Gradually discontinued

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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

Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump relay, Engine control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J17	Fuel pump relay
J538	Fuel pump control unit
J623	Engine control unit
T3b	3-pin connector, black
T4h	4-pin connector, black
T5t	5-pin connector, black
T6e	6-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
367	Earth connection 2, in main wiring harness

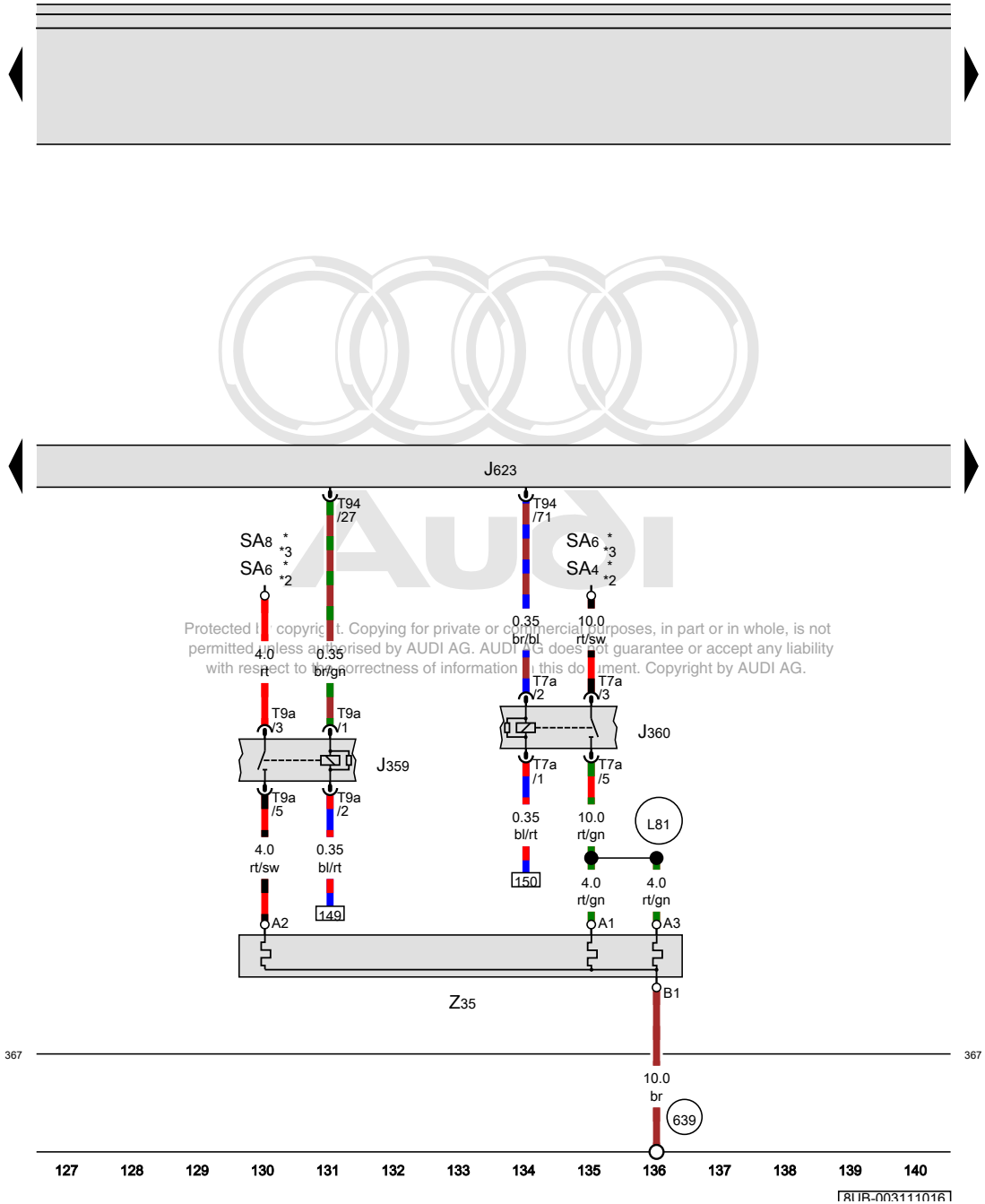
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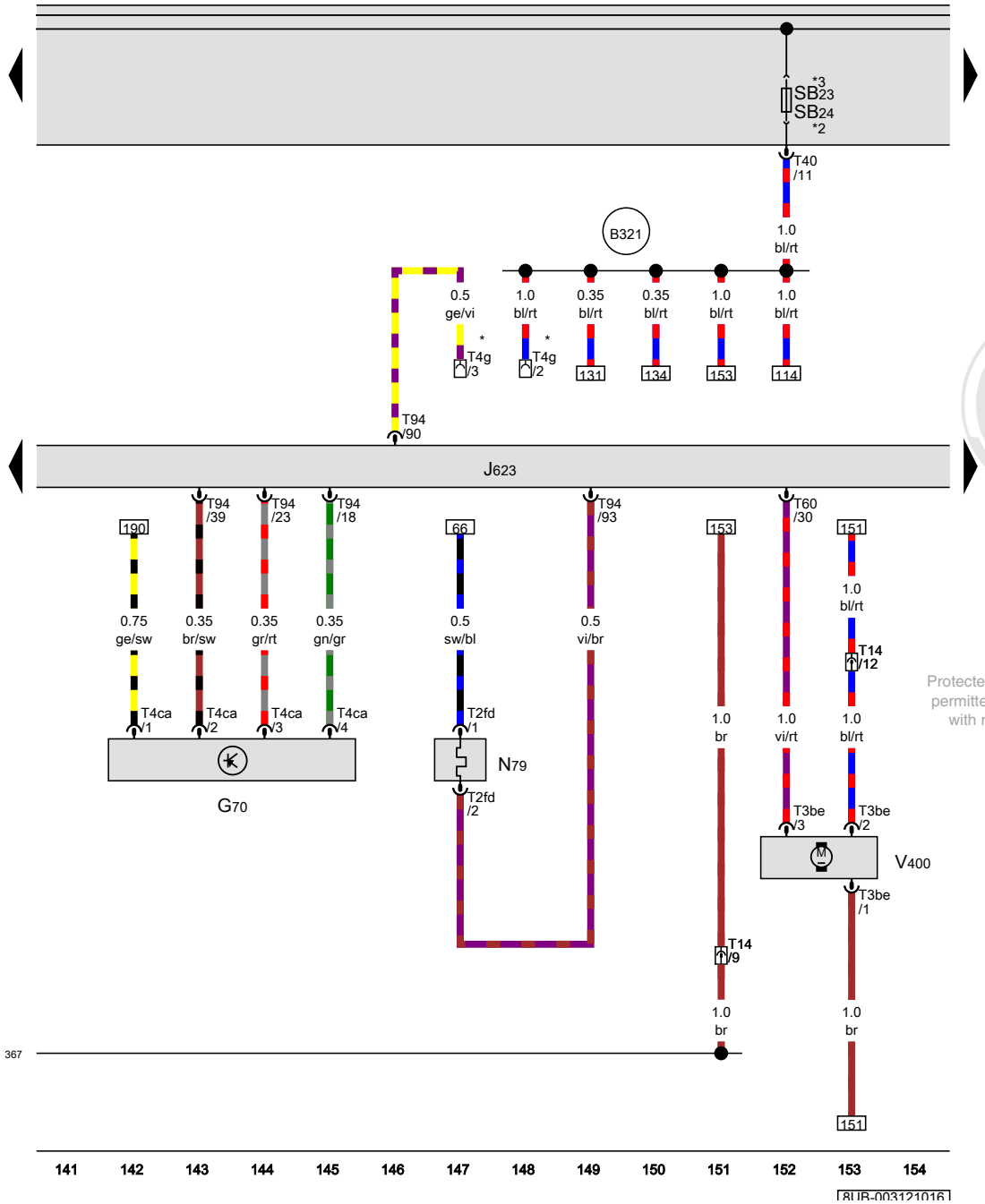
Low heat output relay, High heat output relay, Engine control unit, Auxiliary air heater element

J359	Low heat output relay
J360	High heat output relay
J623	Engine control unit
SA4	Fuse 4 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA8	Fuse 8 on fuse holder A
T7a	7-pin connector, black
T9a	9-pin connector, black
T94	94-pin connector, black
Z35	Auxiliary air heater element
367	Earth connection 2, in main wiring harness
639	Earth point, left A-pillar
L81	Connection in supplementary heater wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Up to October 2012
*3	From November 2012



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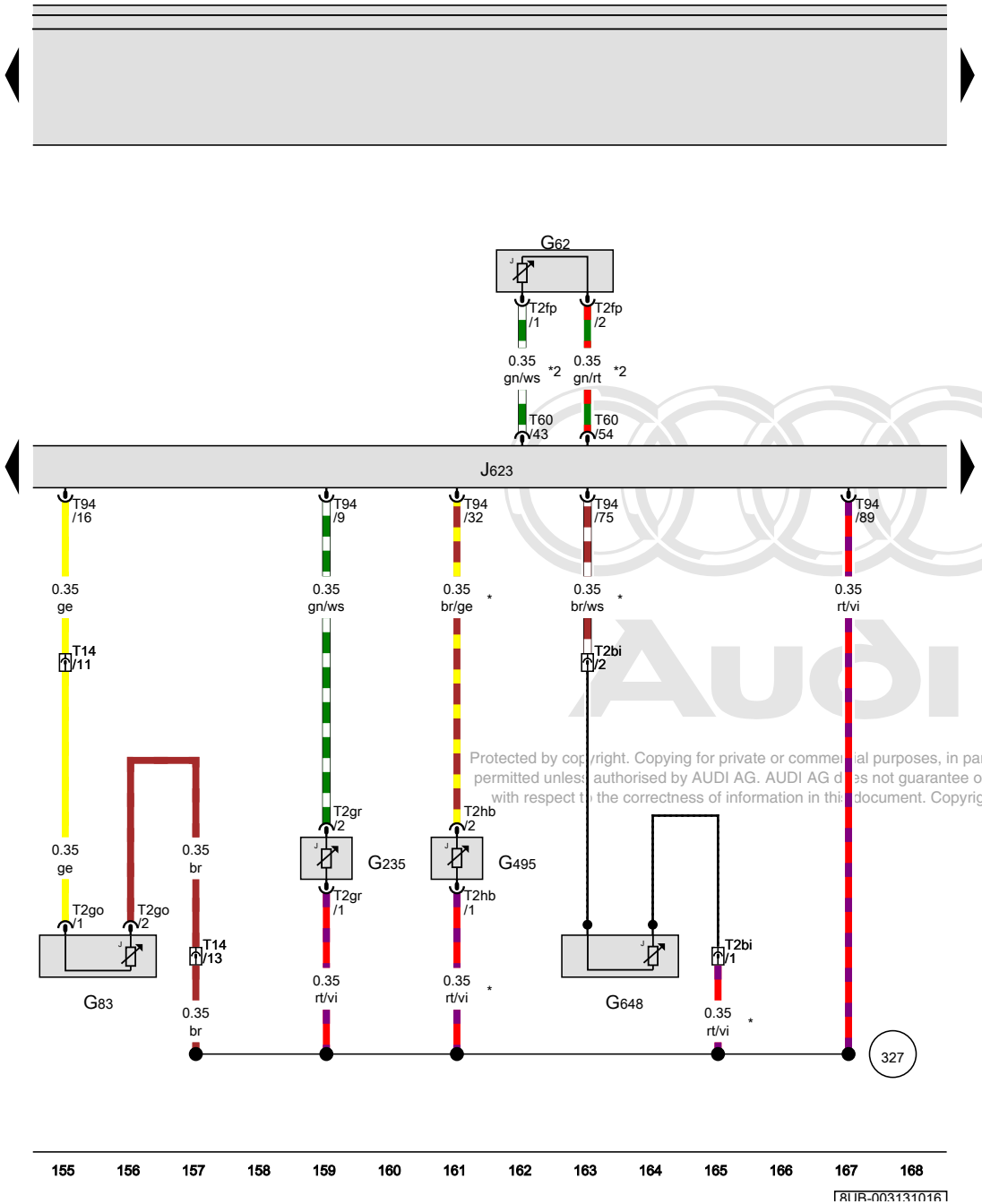


Air mass meter, Engine control unit, Heater element for crankcase breather, Pump for exhaust gas recirculation cooler

G70	Air mass meter
J623	Engine control unit
N79	Heater element for crankcase breather
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2fd	2-pin connector
T3be	3-pin connector
T4ca	4-pin connector, black
T4g	4-pin connector, near radiator fan
T14	14-pin connector, near front left longitudinal member, black
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V400	Pump for exhaust gas recirculation cooler
367	Earth connection 2, in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
*	Radiator fan connection
*2	Up to October 2012
*3	From November 2012

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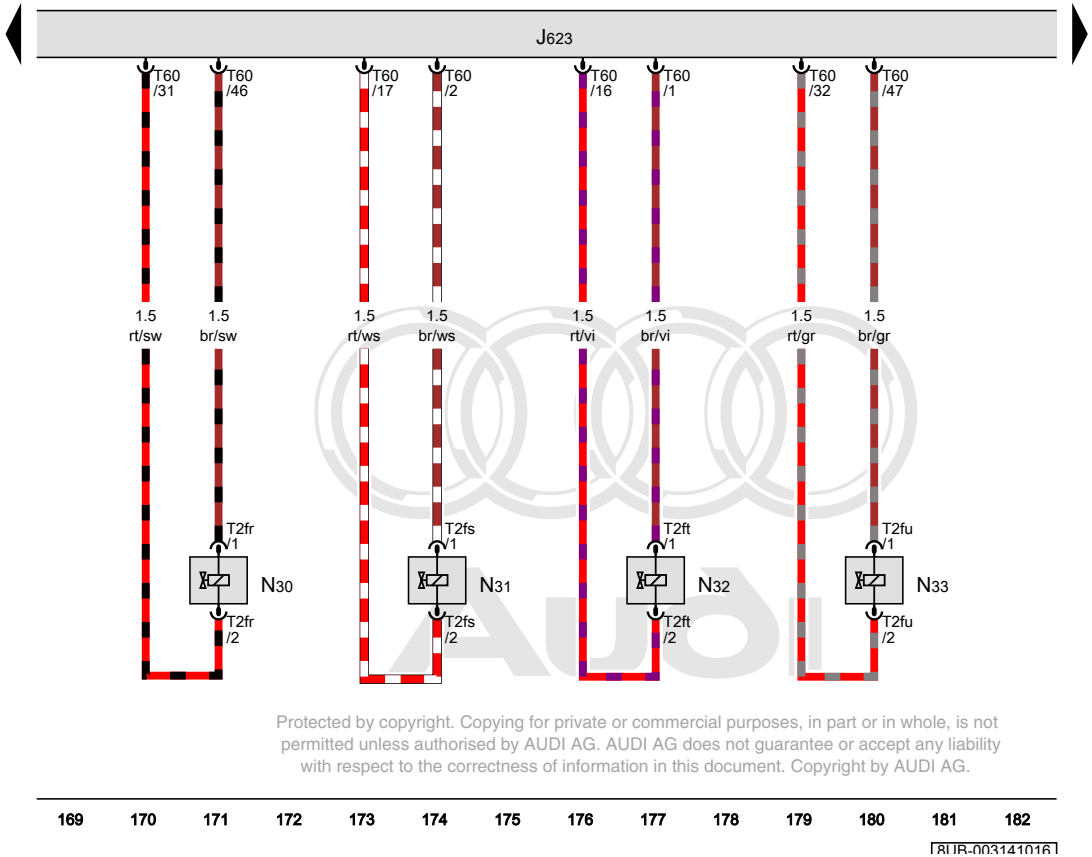
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Coolant temperature sender, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

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
T2bi	2-pin connector
T2fp	2-pin connector
T2go	2-pin connector
T2gr	2-pin connector
T2hb	2-pin connector
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
*	Not for models with Euro 4 emission standard
*2	Wiring colour depends on equipment

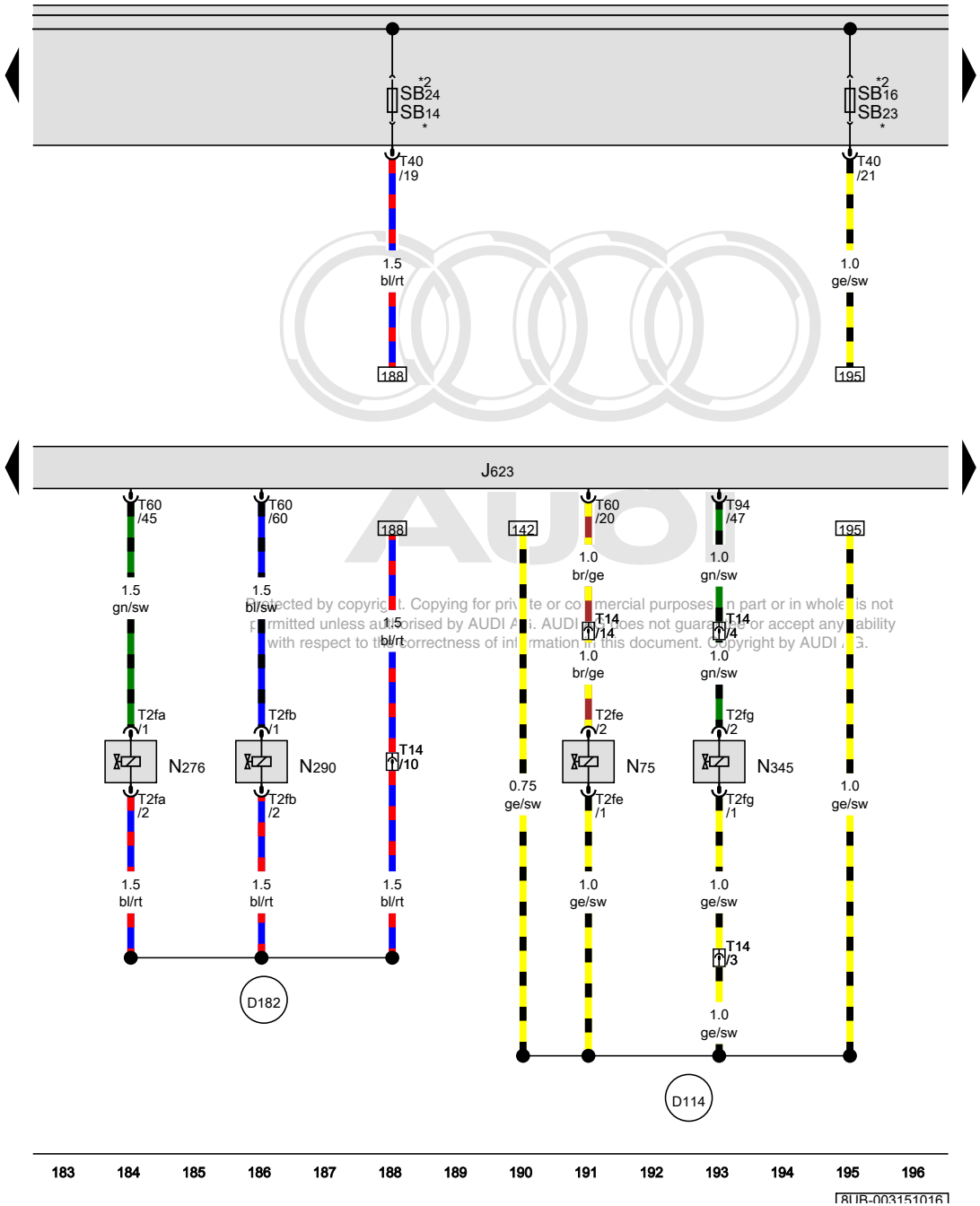
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2fr	2-pin connector
T2fs	2-pin connector
T2ft	2-pin connector
T2fu	2-pin connector
T60	60-pin connector, black



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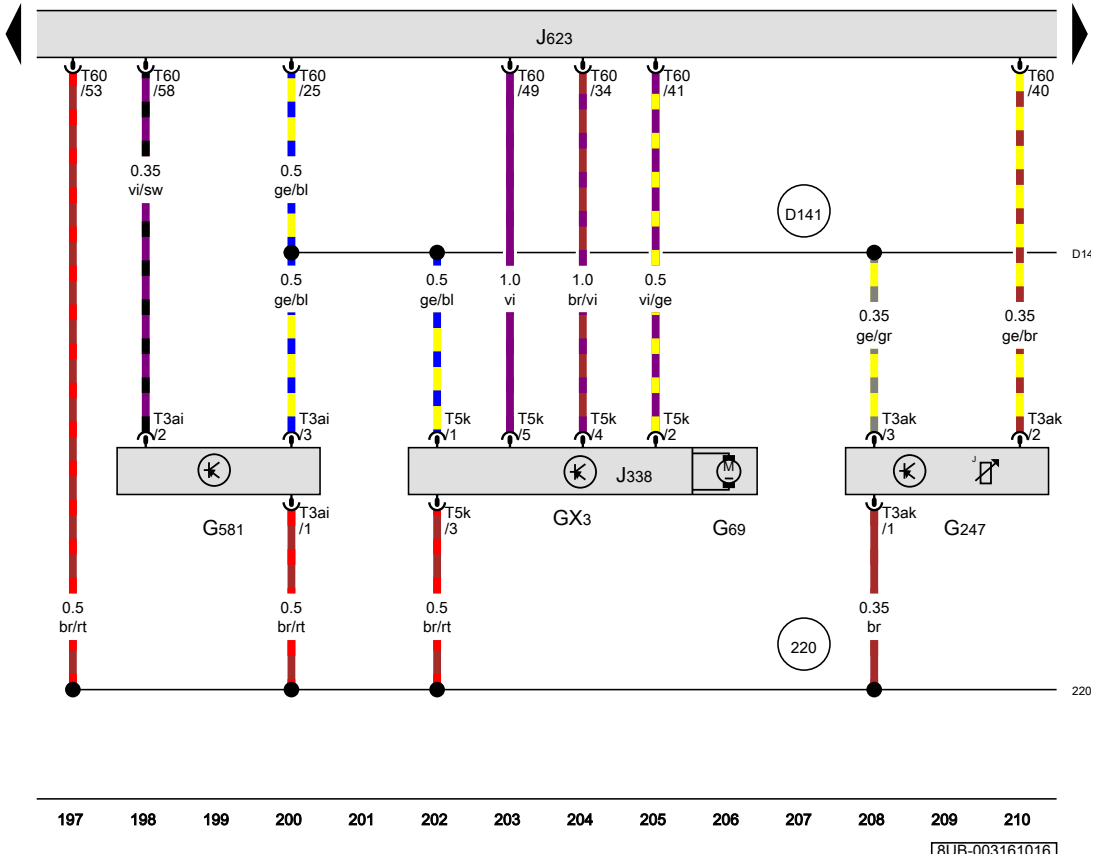
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Engine control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N345	Exhaust gas recirculation cooler changeover valve
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T2fe	2-pin connector
T2fg	2-pin connector
T14	14-pin connector, near front left longitudinal member, black
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
D114	Connection 12 in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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vi	=	purple
ge	=	yellow
or	=	orange
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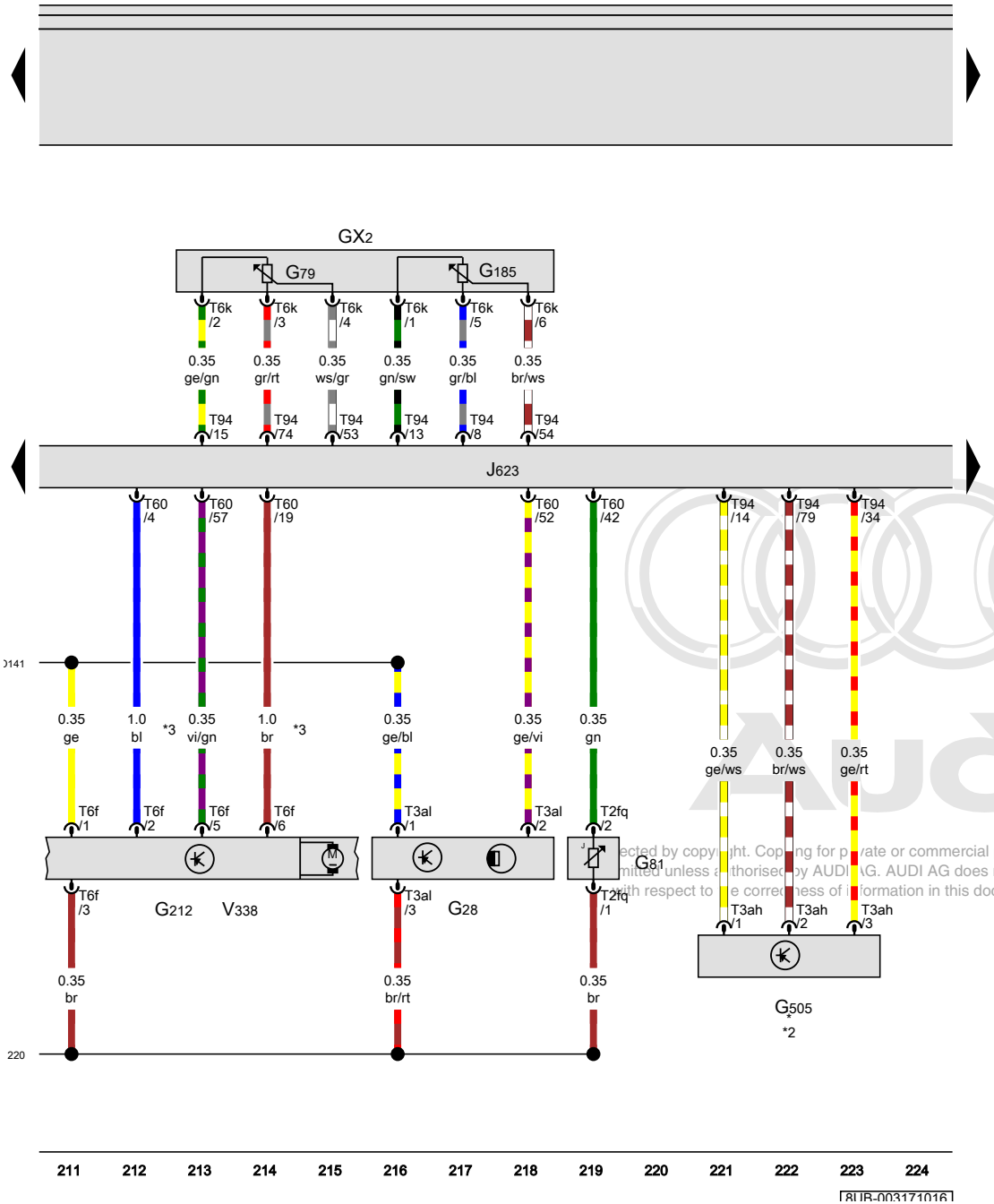


Throttle valve module, Throttle valve potentiometer, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine control unit

GX3	Throttle valve module
G69	Throttle valve potentiometer
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J338	Throttle valve module
J623	Engine control unit
T3ai	3-pin connector, black
T3ak	3-pin connector
T5k	5-pin connector
T60	60-pin connector, black
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness

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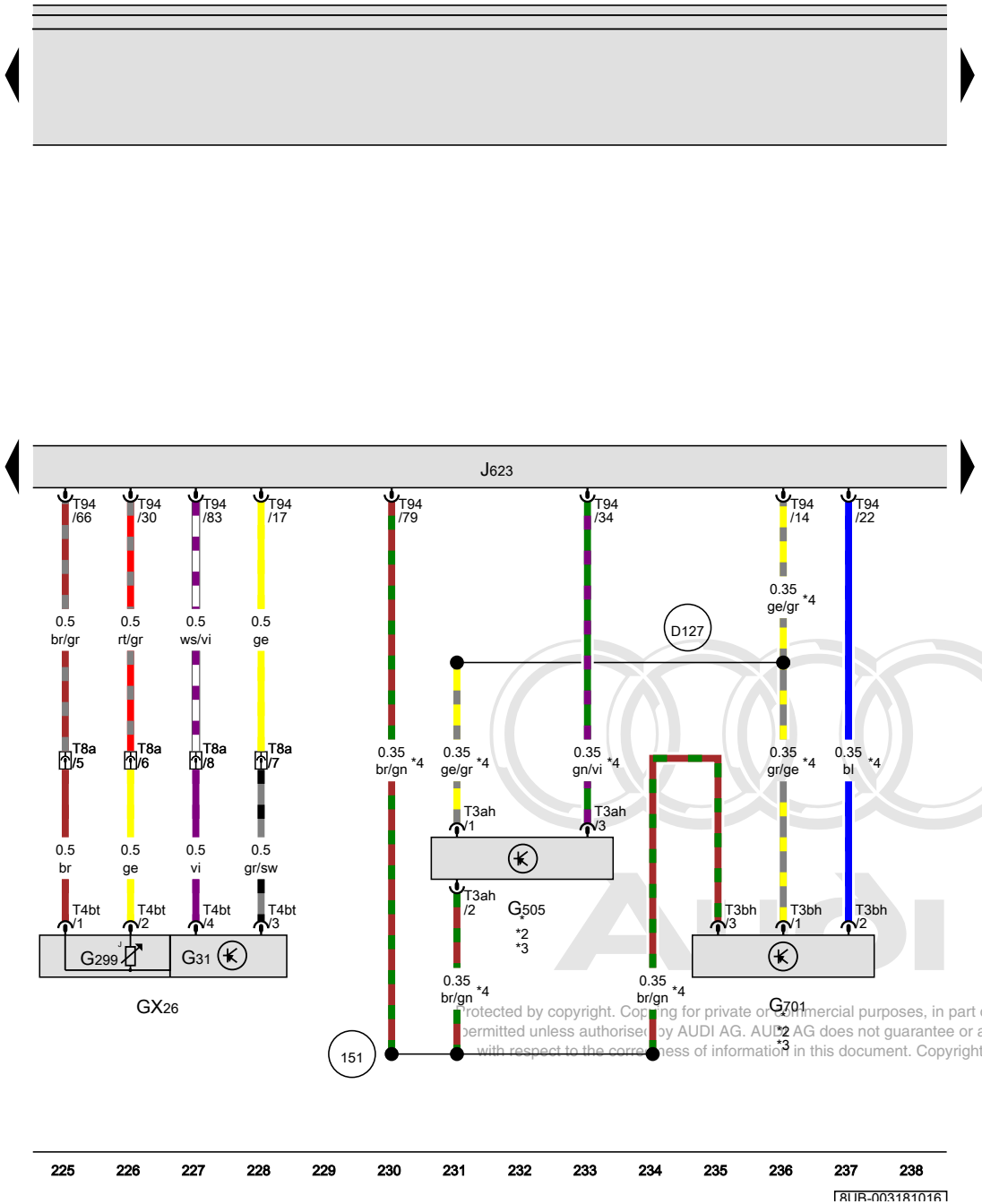


Accelerator pedal module, Engine speed sender, Accelerator position sender, Fuel temperature sender, Exhaust gas recirculation potentiometer, Pressure differential sender, Engine control unit, Exhaust gas recirculation control motor

GX2	Accelerator pedal module
G28	Engine speed sender
G79	Accelerator position sender
G81	Fuel temperature sender
G185	Accelerator position sender 2
G212	Exhaust gas recirculation potentiometer
G505	Pressure differential sender
J623	Engine control unit
T2fq	2-pin connector
T3ah	3-pin connector, black
T3al	3-pin connector, dark brown
T6f	6-pin connector, black
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V338	Exhaust gas recirculation control motor
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness
*	Only models with automatic gearbox
*2	Not for models with Euro 4 emission standard
*3	Wiring colour depends on equipment

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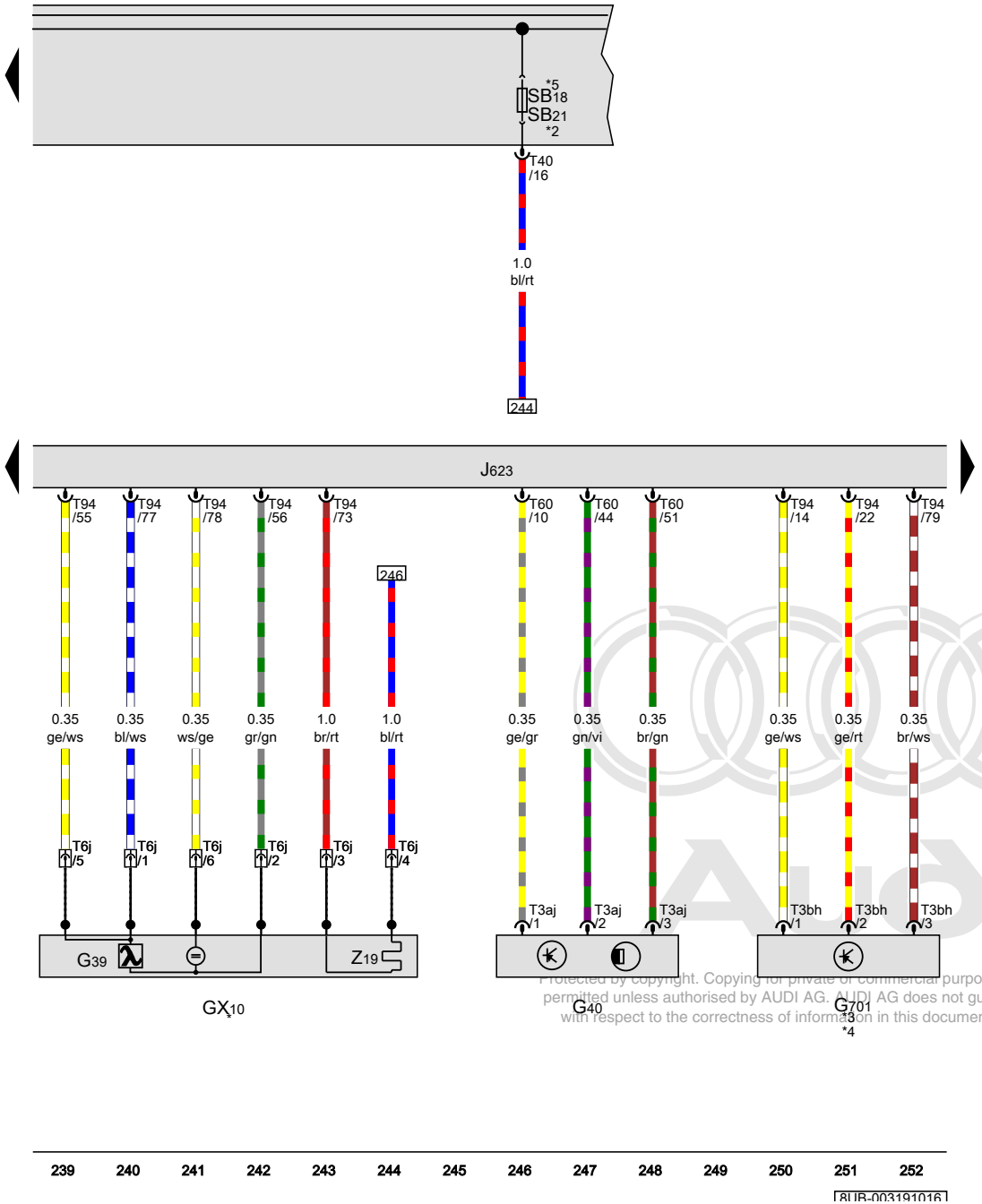


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Charge pressure sender, Charge pressure sender, Intake air temperature sender 2, Pressure differential sender, Gearbox neutral position sender, Engine control unit

GX26	Charge pressure sender
G31	Charge pressure sender
G299	Intake air temperature sender 2
G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
T3ah	3-pin connector, black
T3bh	3-pin connector, black, brown
T4bt	4-pin connector, black
T8a	8-pin connector, near front left longitudinal member
T94	94-pin connector, black
151	Earth connection 1, in front wiring harness
D127	Connection 25 in engine compartment wiring harness
*	Only models with start/stop system
*2	Only models with manual gearbox
*3	Not for models with Euro 4 emission standard
*4	Wiring colour depends on equipment



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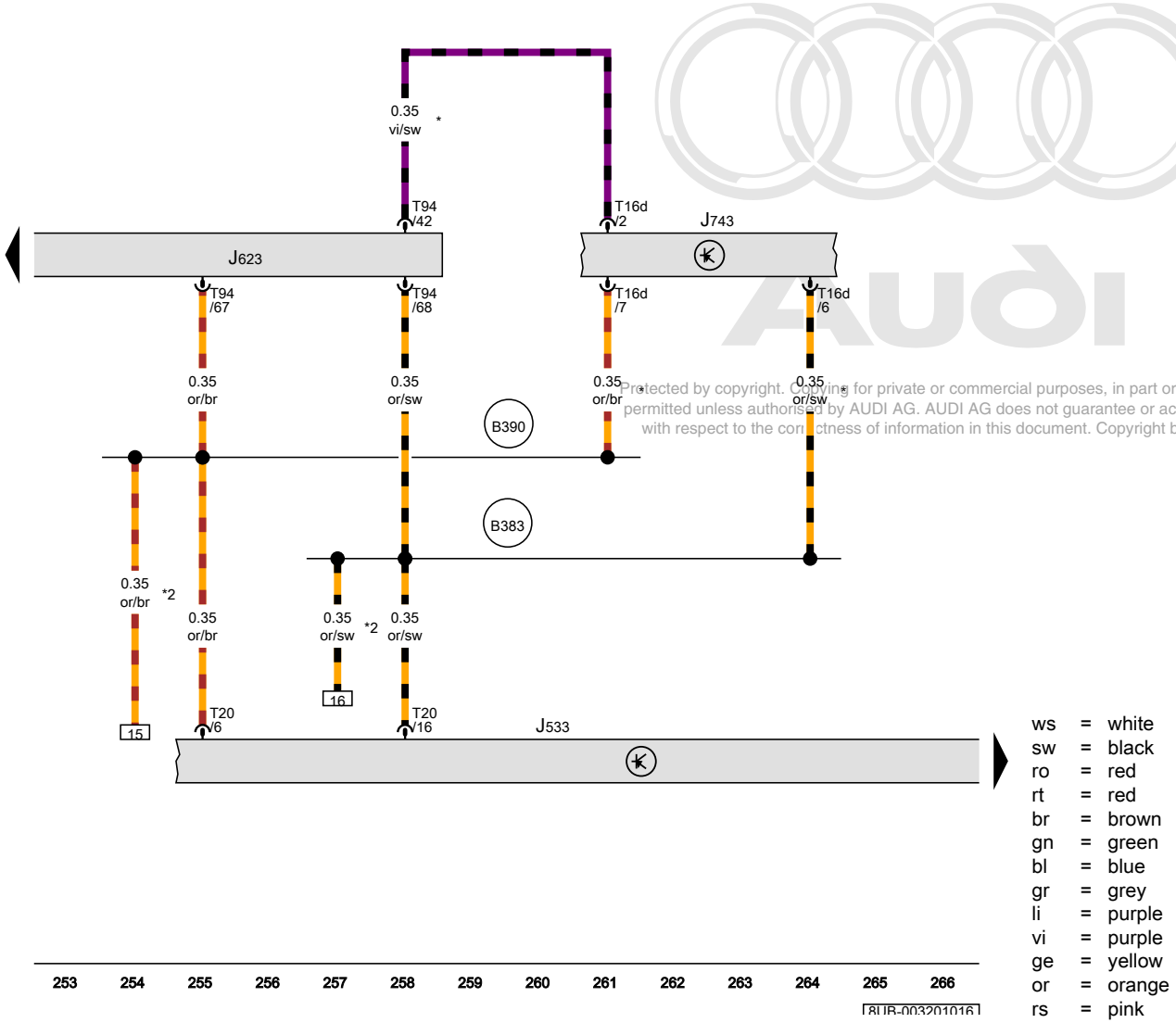
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Lambda probe 1 before catalytic converter, Lambda probe, Hall sender, Gearbox neutral position sender, Engine control unit, Lambda probe heater

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G40	Hall sender
G701	Gearbox neutral position sender
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
SB21	Fuse 21 on fuse holder B
T3aj	3-pin connector, black
T3bh	3-pin connector, black, brown
T6j	6-pin connector, on Lambda probe before catalytic converter, brown
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
*	Not for models with Euro 4 emission standard
*2	Up to October 2012
*3	Only models with start/stop system
*4	Only models with Euro 4 emission standard
*5	From November 2012

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
T16d	16-pin connector, black
T20	20-pin connector, red
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with dual clutch gearbox
*2	Only left-hand drive models

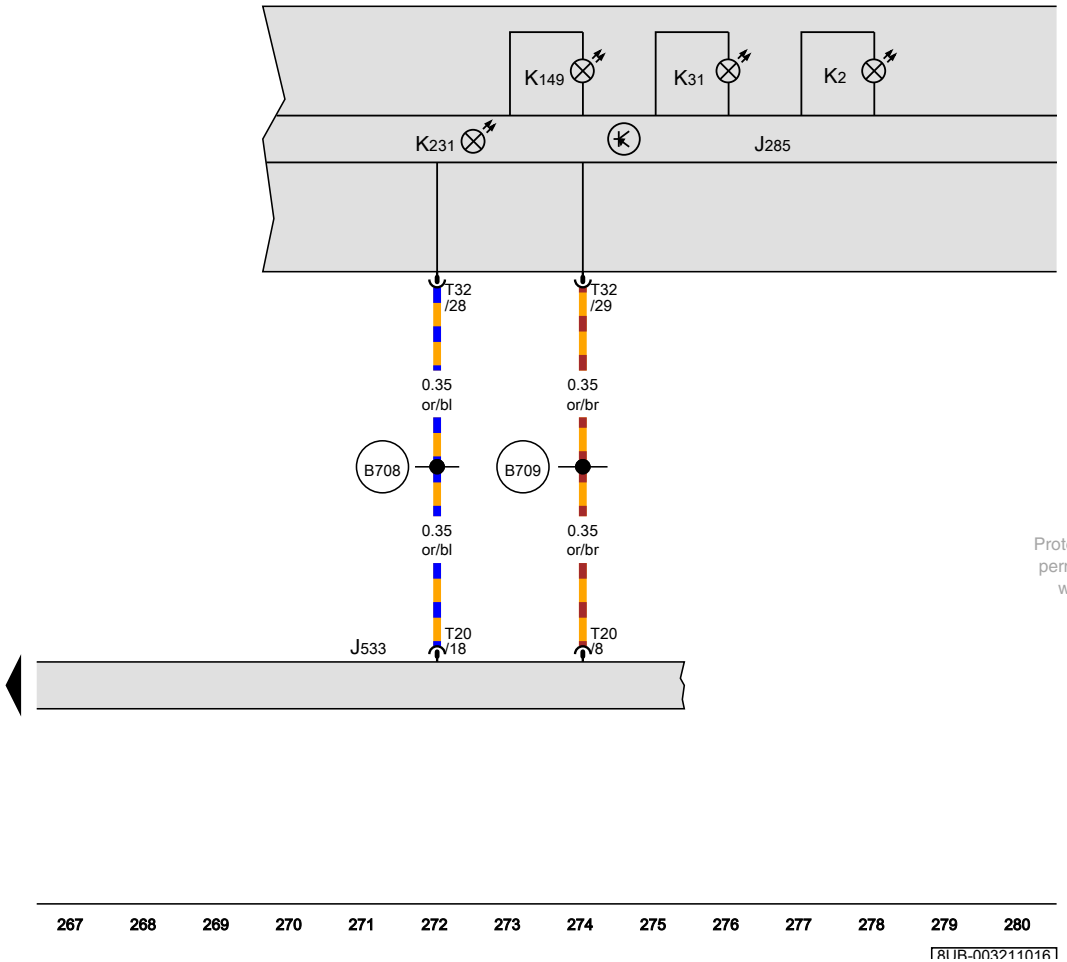


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
K231	Diesel particulate filter warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

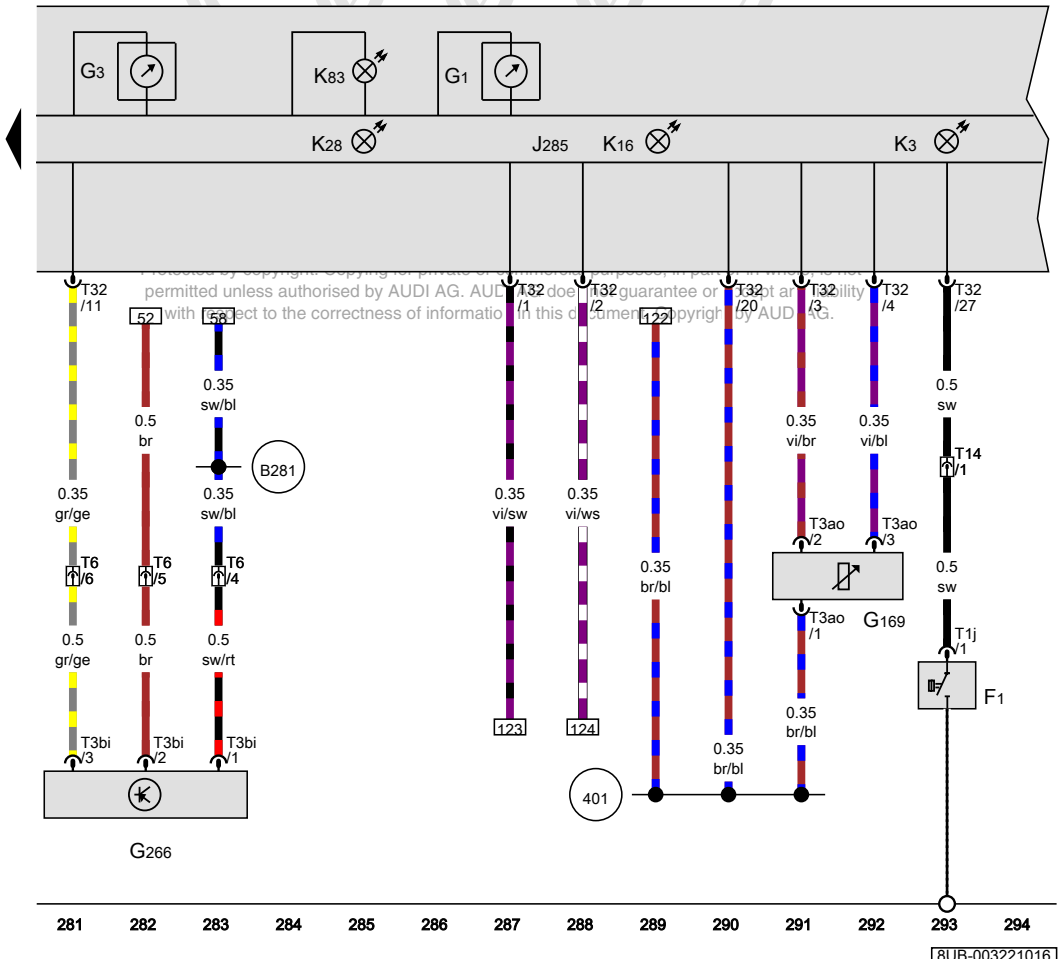


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Oil pressure switch, Oil level and oil temperature sender, Control unit in dash panel insert

F1	Oil pressure switch
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T1j	1-pin connector
T3ao	3-pin connector, black
T3bi	3-pin connector, black
T6	6-pin connector, near front left longitudinal member, black
T14	14-pin connector, near front left longitudinal member, black
T32	32-pin connector, blue
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



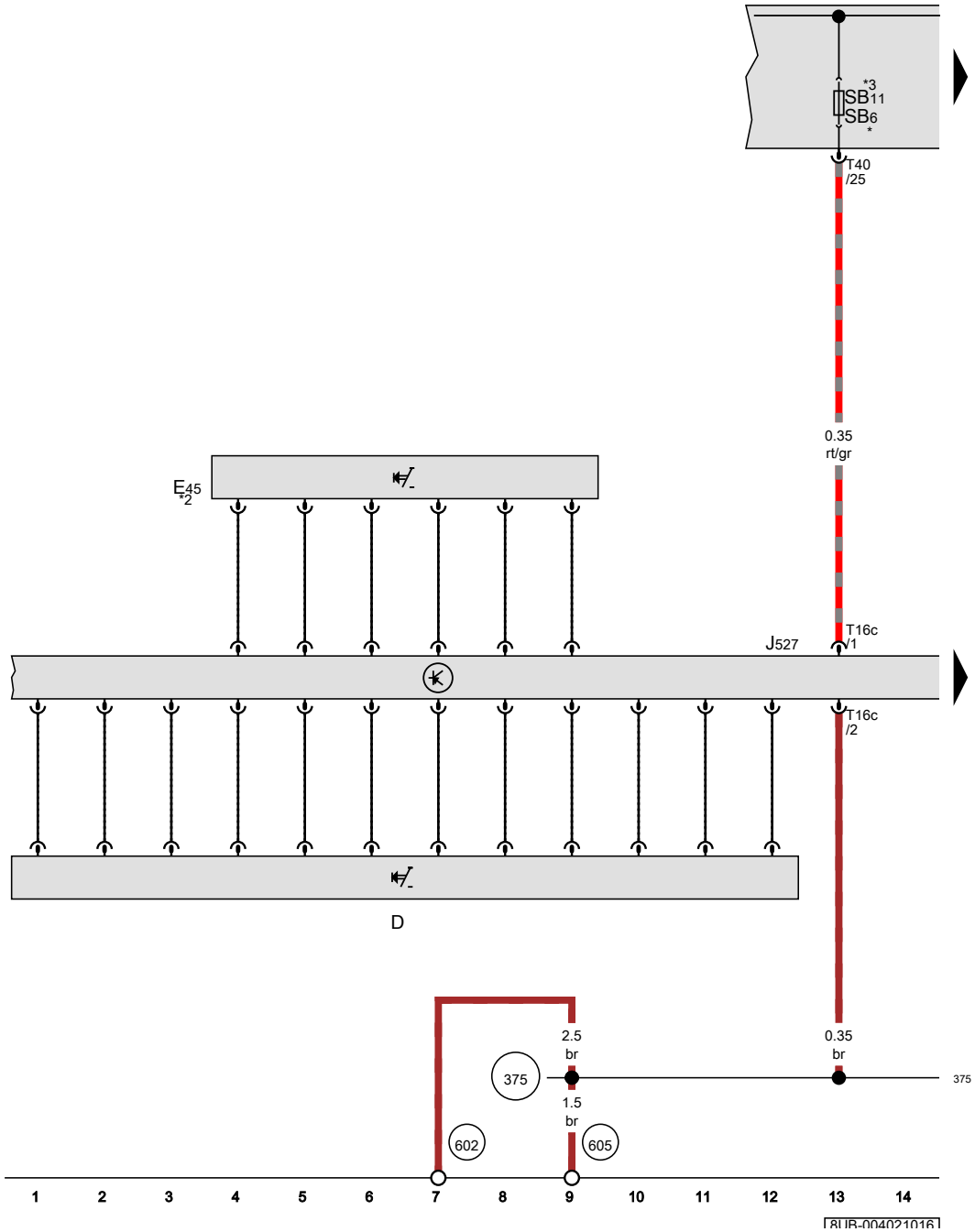
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2.0l petrol engine , CCZC,CGMA,CPSA,CRHA

From August 2011

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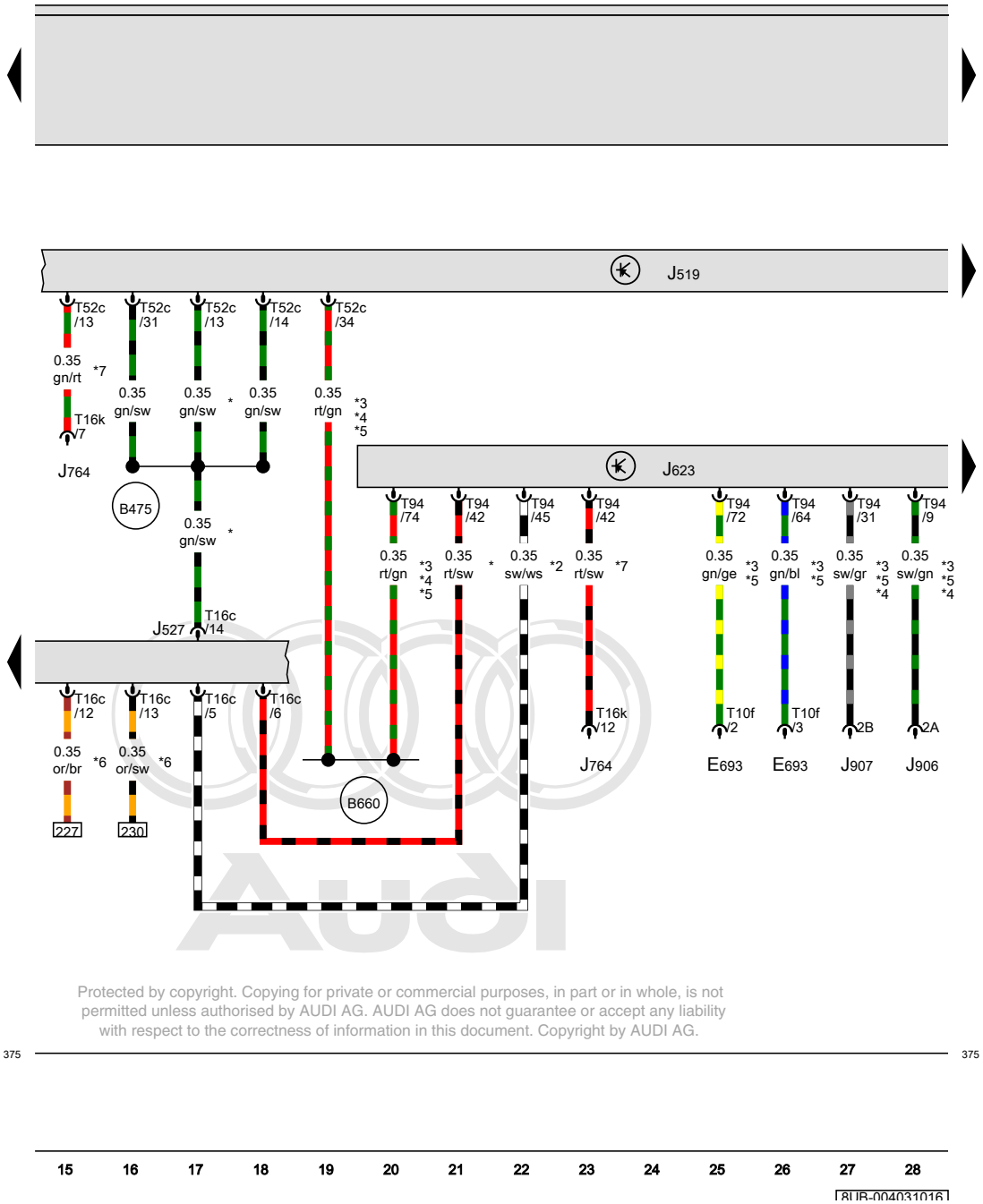


Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Up to October 2012
*2	Only models with cruise control system (CCS)
*3	From November 2012

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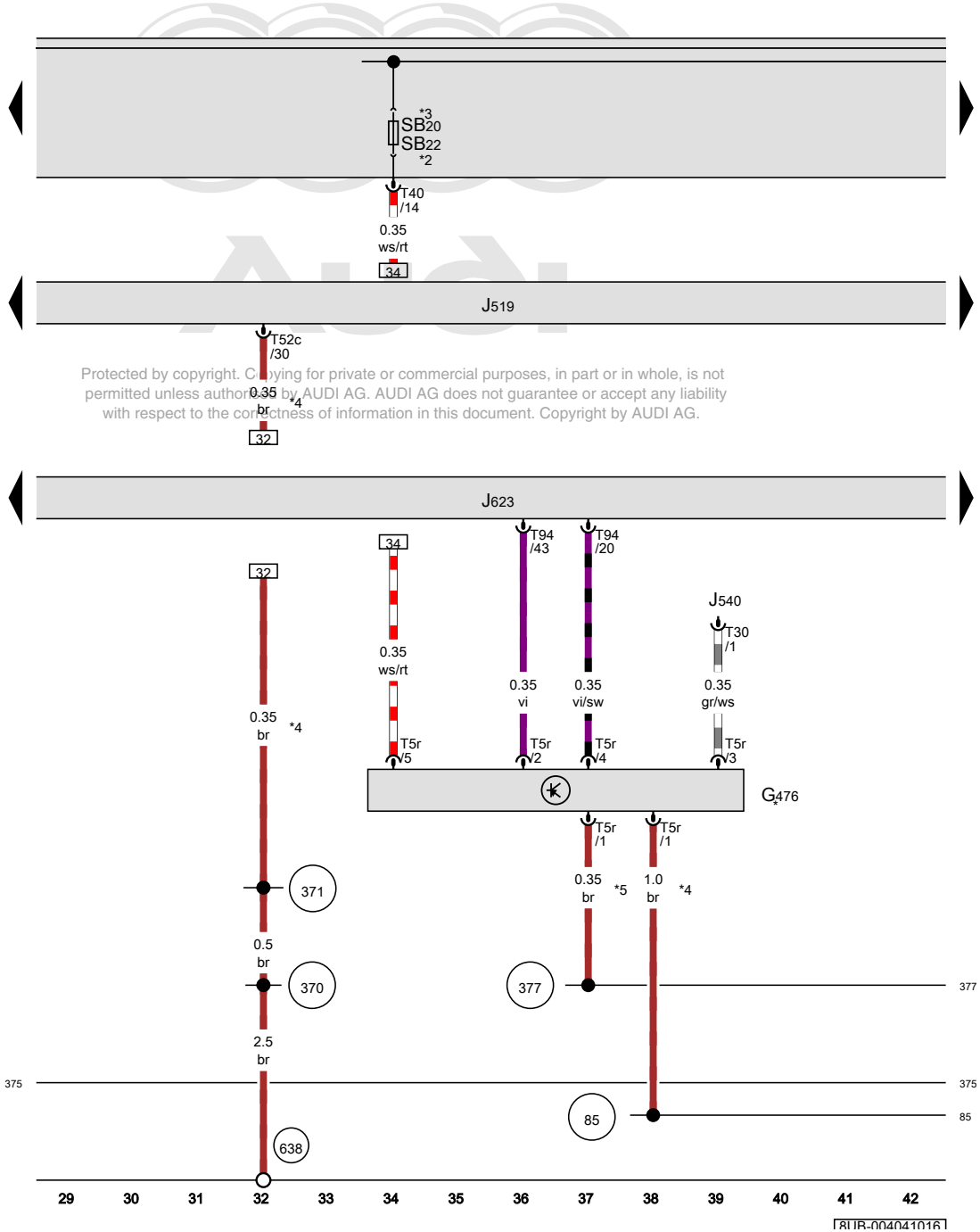


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Onboard supply control unit, Steering column electronics control unit, Engine control unit

E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T10f	10-pin connector
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only left-hand drive models
*7	Only models with entry and start authorisation

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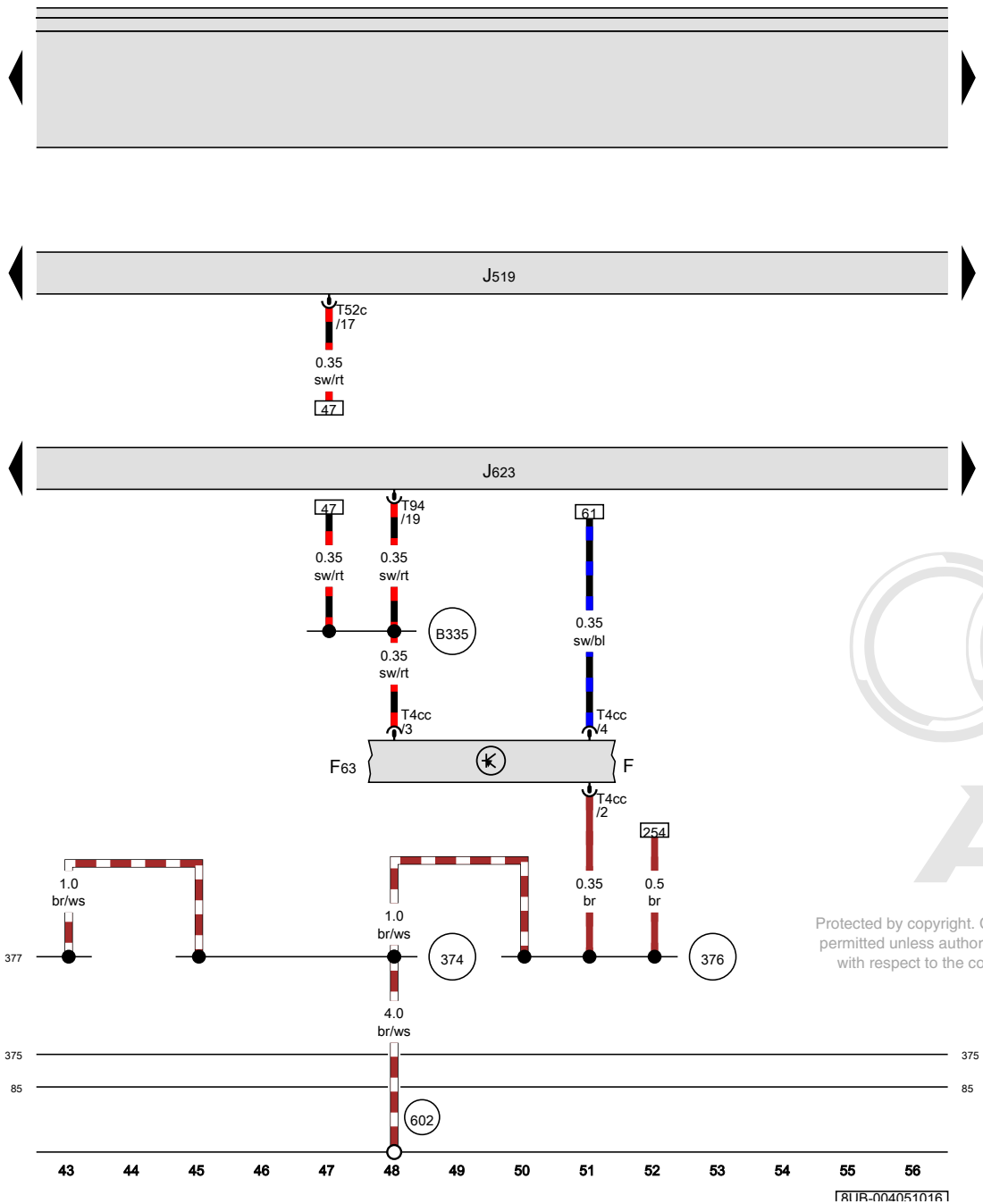


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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
T5r	5-pin connector, black
T30	30-pin connector
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
638	Earth point, on right A-pillar
*	Only models with manual gearbox
*2	Up to October 2012
*3	From November 2012
*4	Only models with start/stop system
*5	Only models with no start/stop system

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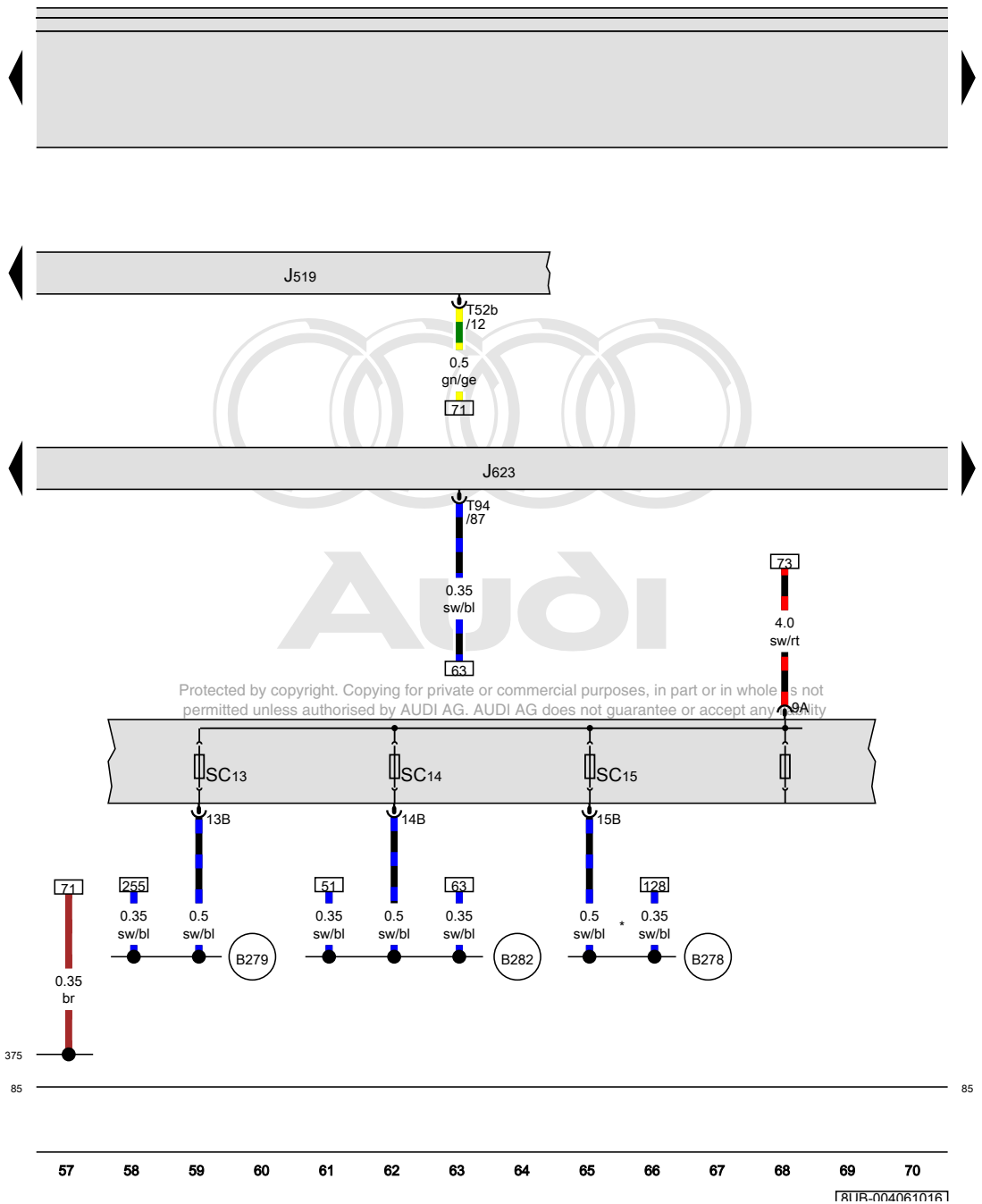


Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
T4cc	4-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness

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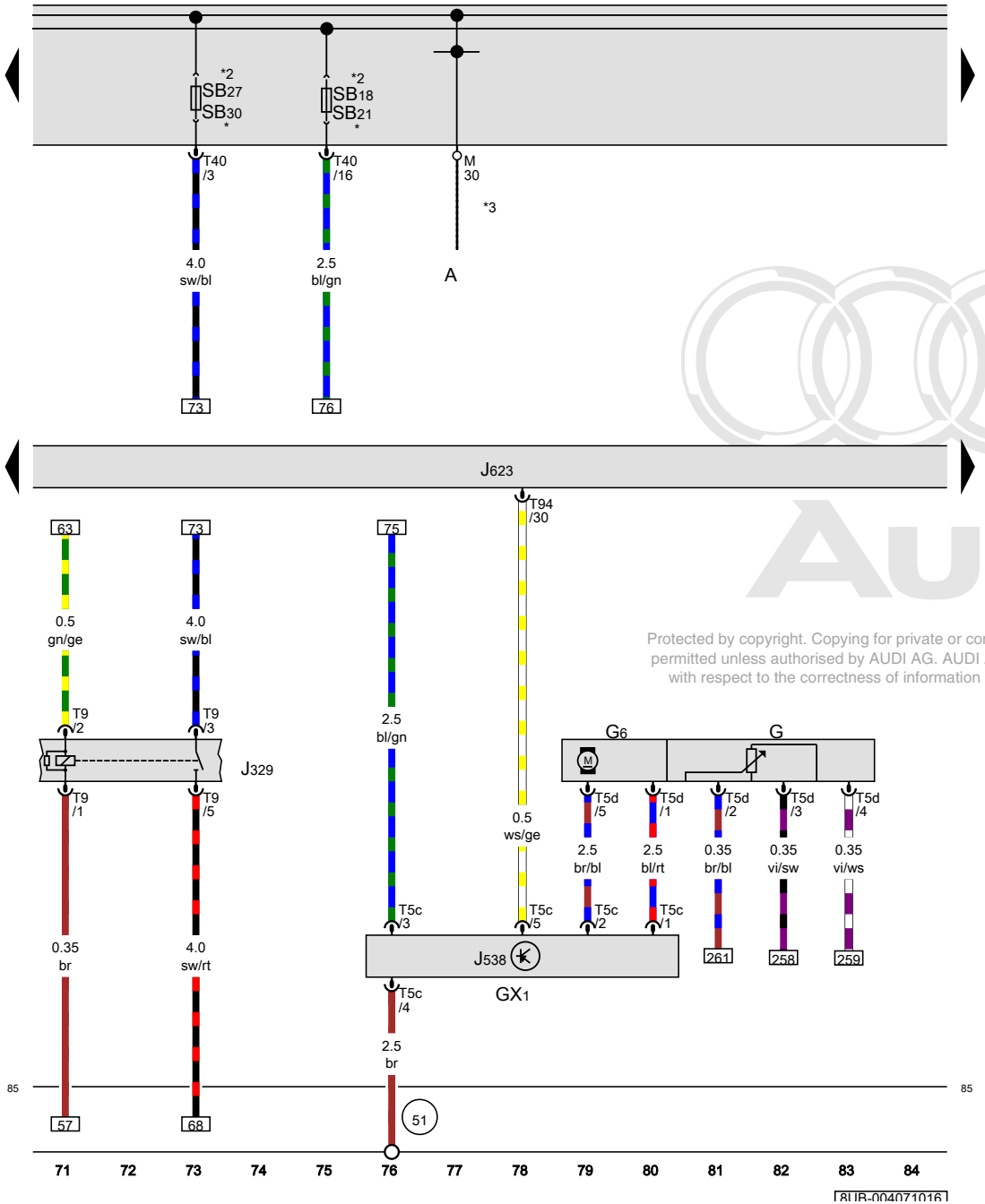


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Onboard supply control unit, Engine control unit

J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T52b	52-pin connector, colourless
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
375	Earth connection 10, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	Cross section depends on equipment

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sw	=	black
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rt	=	red
br	=	brown
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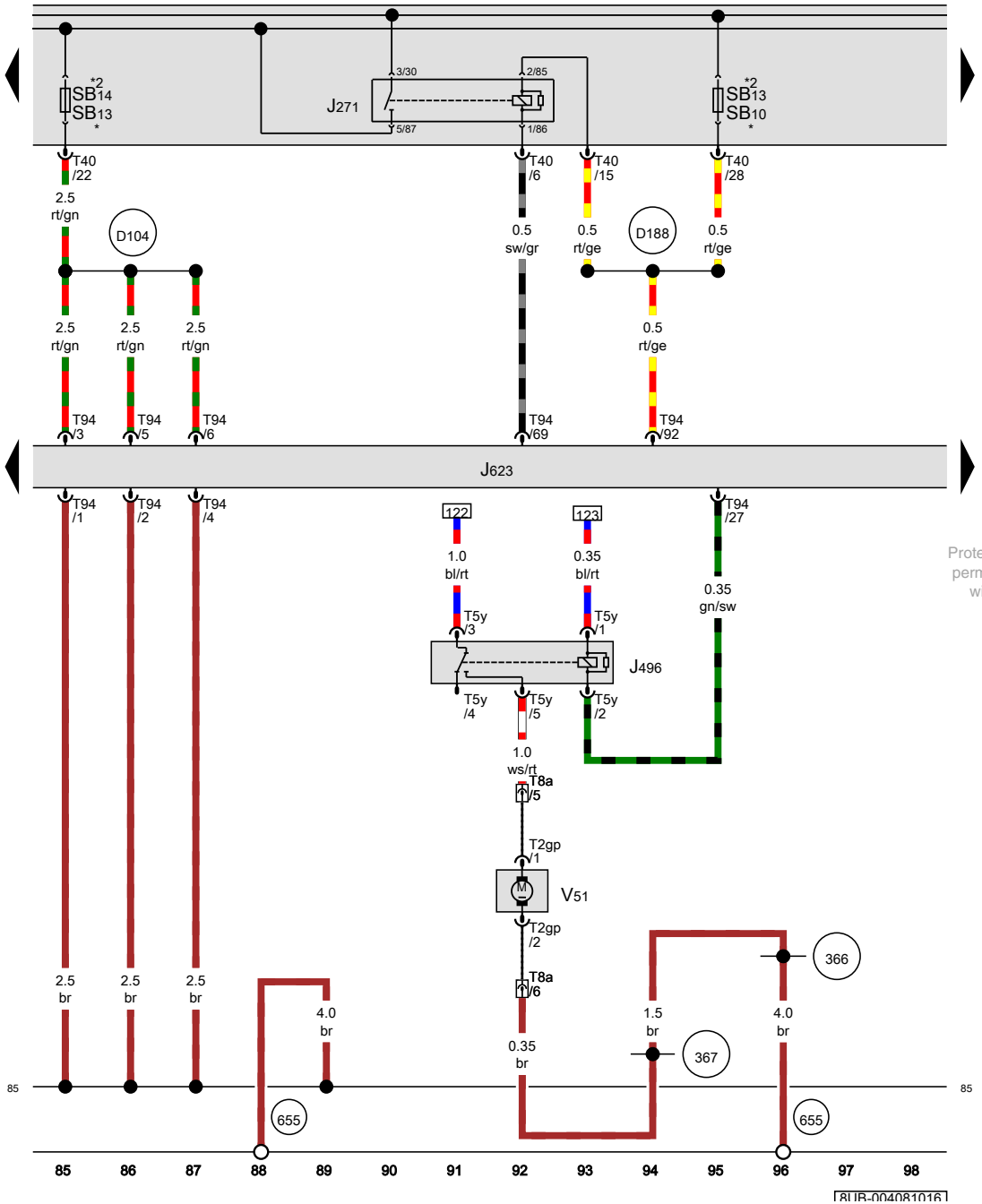


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Terminal 15 voltage supply relay, Engine control unit

A	Battery
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J329	Terminal 15 voltage supply relay
J538	Fuel pump control unit
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T5c	5-pin connector, black
T5d	5-pin connector, black
T9	9-pin connector, black
T40	40-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012
*3	see applicable current flow diagram for battery in engine compartment

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Main relay, Additional coolant pump relay, Engine control unit

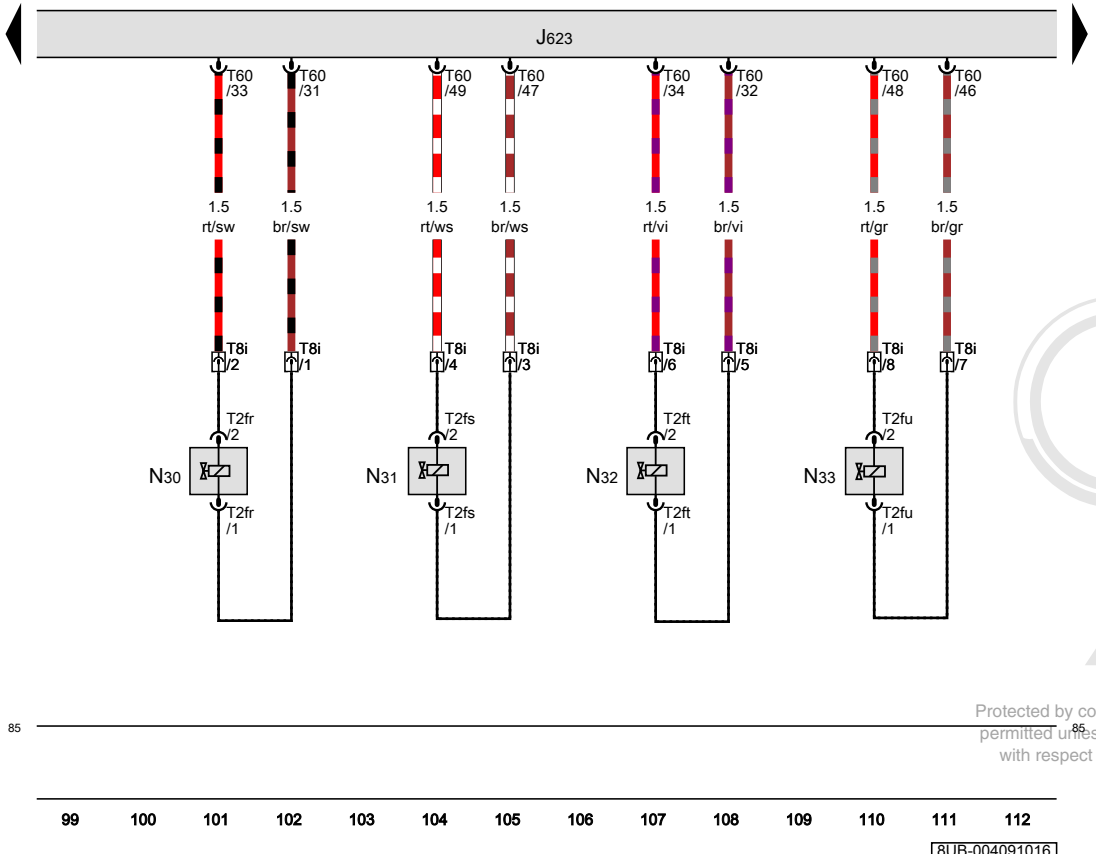
J271	Main relay
J496	Additional coolant pump relay
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T2gp	2-pin connector
T5y	5-pin connector
T8a	8-pin connector, near front left longitudinal member
T40	40-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012

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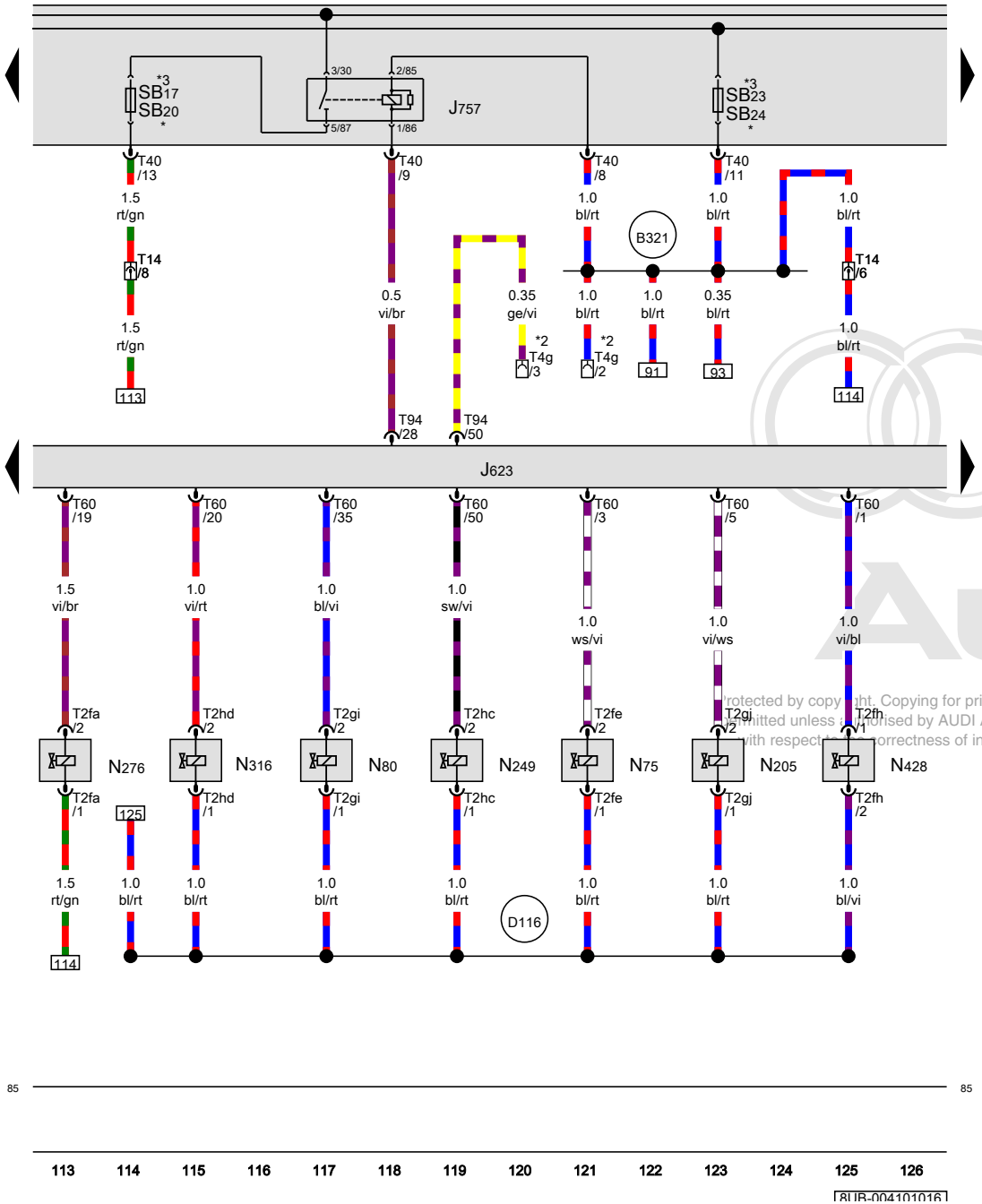
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T8i	8-pin connector
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness



ws	=	white
sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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or	=	orange
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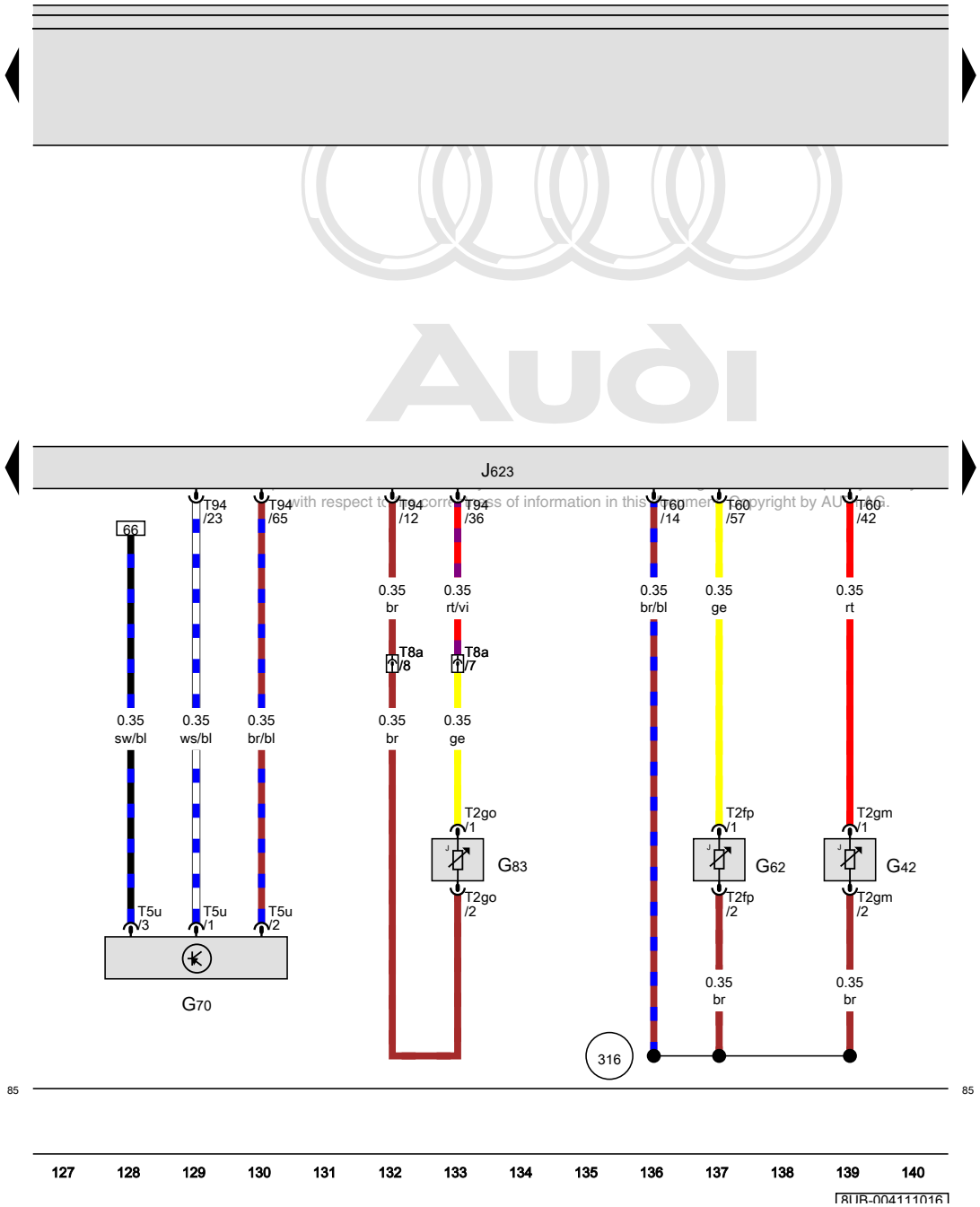
Engine control unit, Engine component current supply relay, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Fuel pressure regulating valve, Intake manifold flap valve, Valve for oil pressure control

J623	Engine control unit
J757	Engine component current supply relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
SB17	Fuse 17 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2fa	2-pin connector
T2fe	2-pin connector, black
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2hc	2-pin connector, black
T2hd	2-pin connector
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black

85	Earth connection 1, in engine compartment wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D116	Connection 14 in engine compartment wiring harness
*	Up to October 2012
*2	Radiator fan connection
*3	From November 2012

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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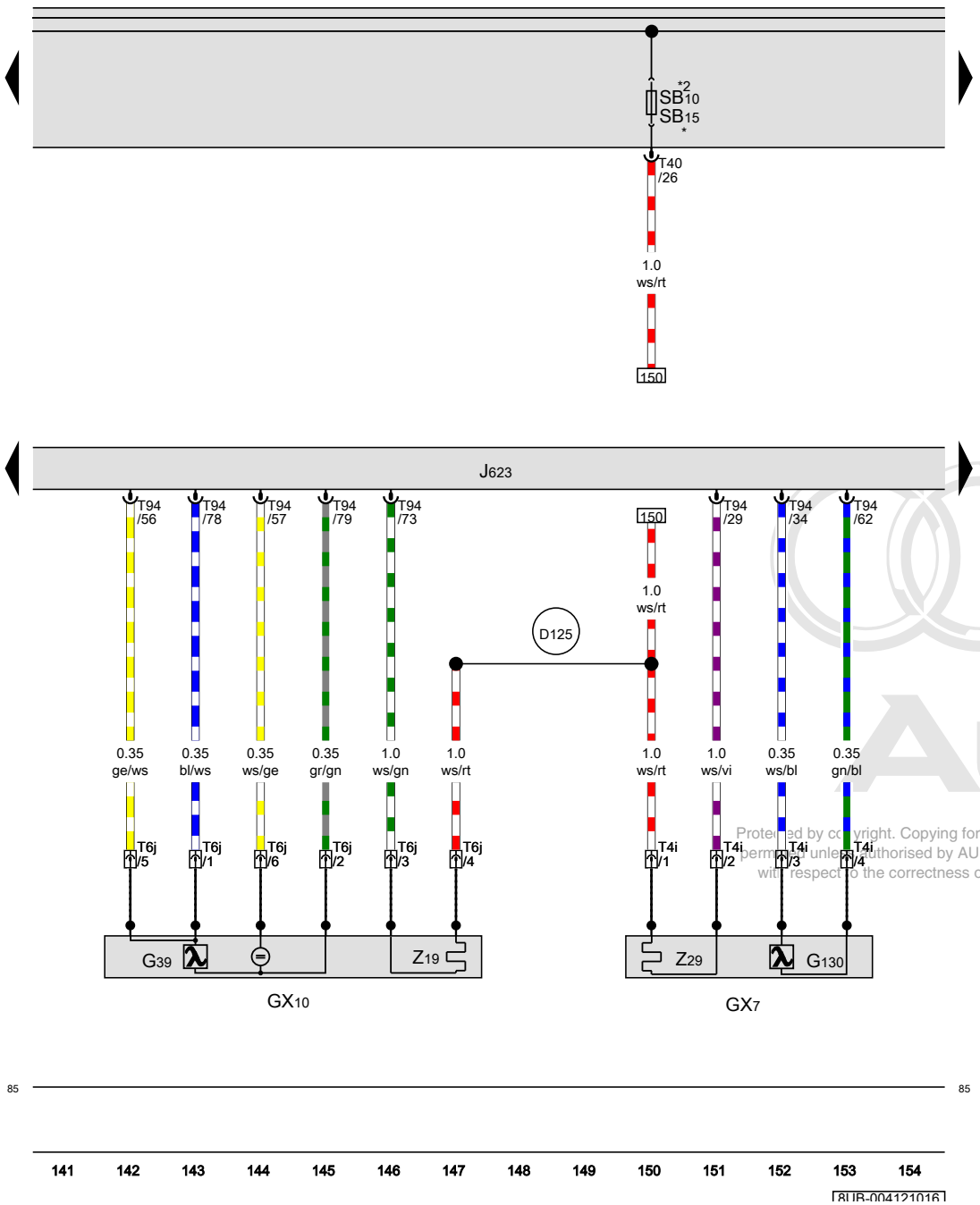
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Intake air temperature sender, Coolant temperature sender, Air mass meter, Radiator outlet coolant temperature sender, Engine control unit

G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
T2fp	2-pin connector, black
T2gm	2-pin connector
T2go	2-pin connector, black
T5u	5-pin connector, black
T8a	8-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
316	Earth connection (sender earth 2) in engine wiring harness

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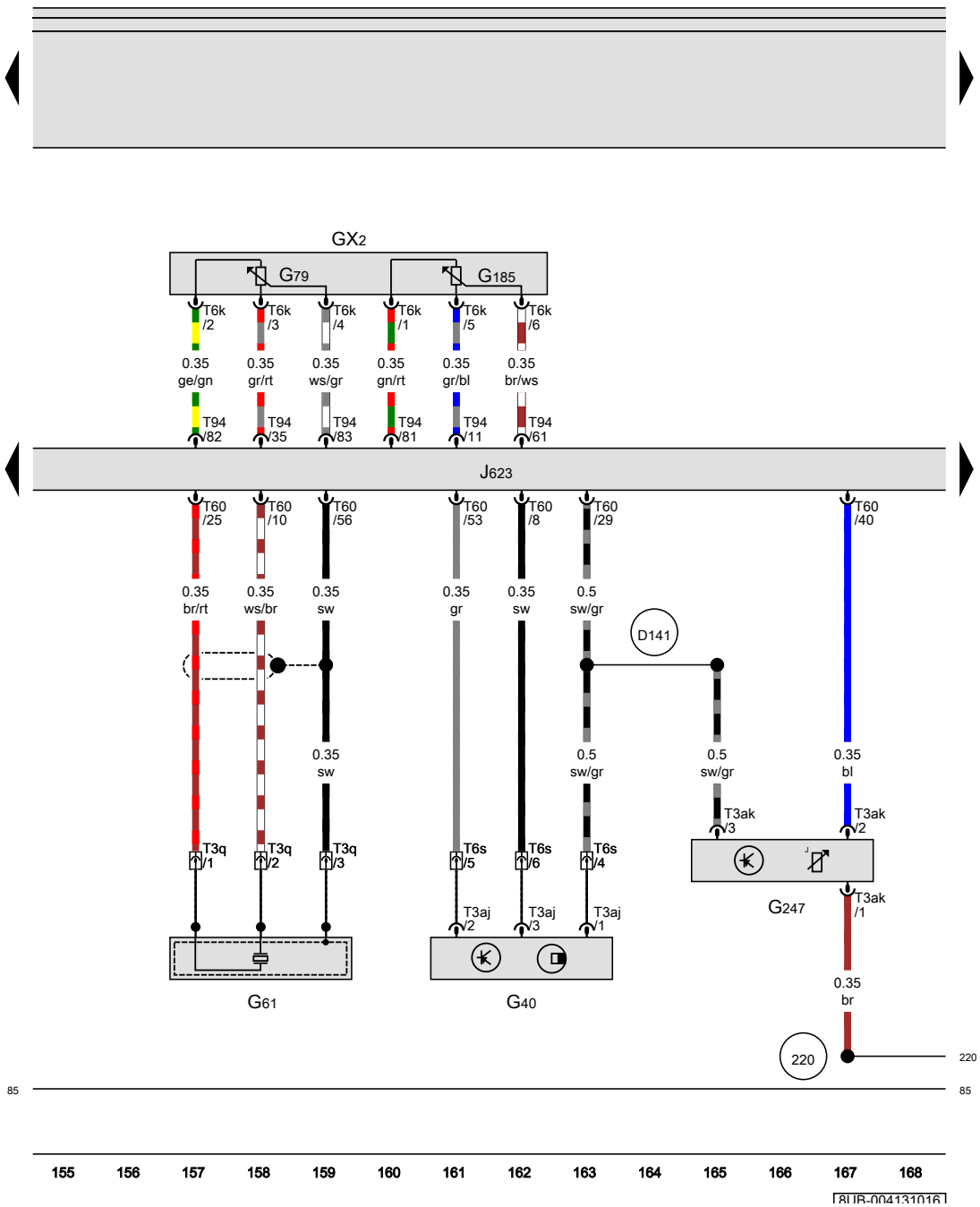


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
SB15	Fuse 15 on fuse holder B
T4i	4-pin connector, black
T6j	6-pin connector, on Lambda probe before catalytic converter, brown
T40	40-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
85	Earth connection 1, in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness
*	Up to October 2012
*2	From November 2012

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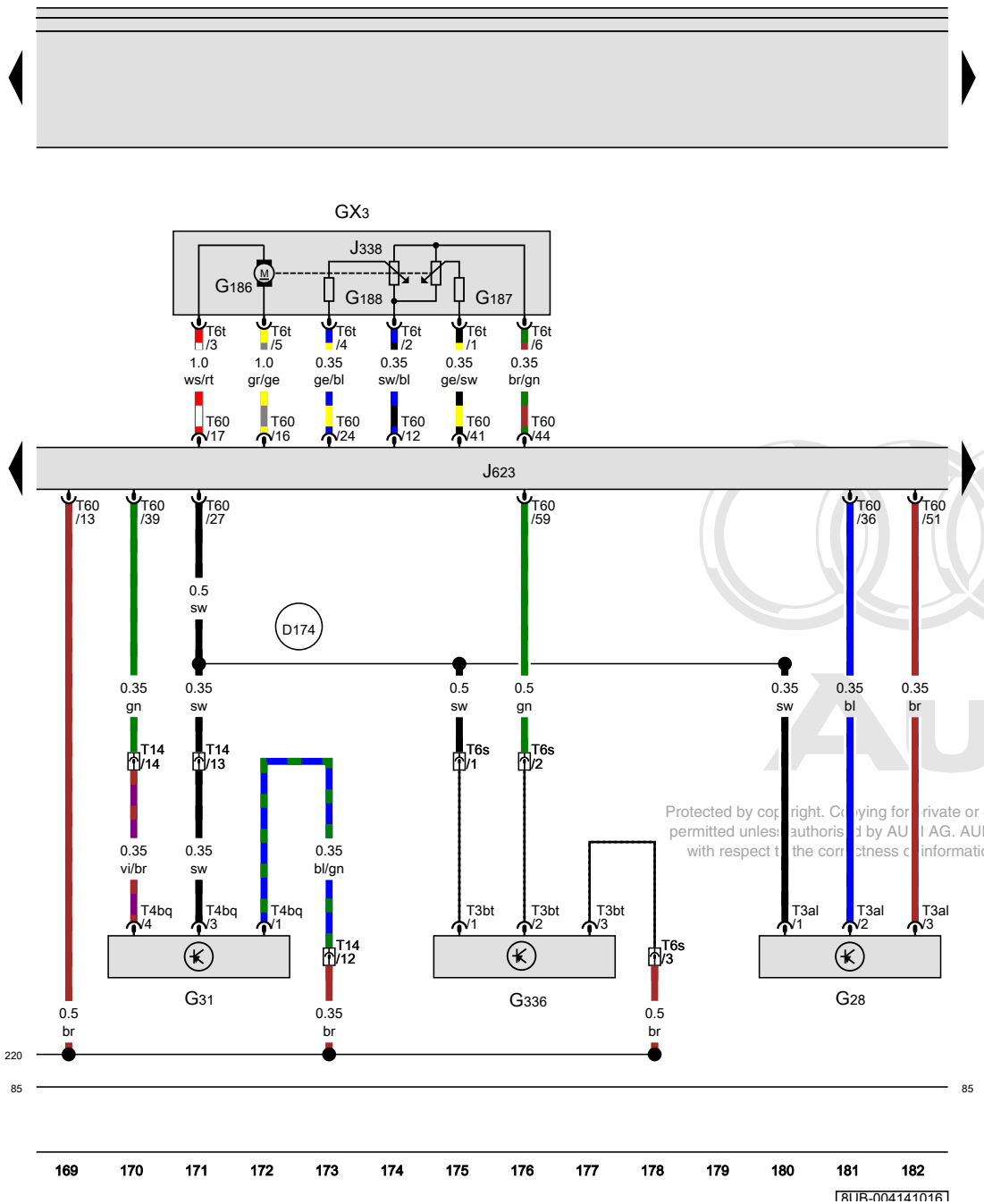


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Accelerator pedal module, Hall sender, Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Fuel pressure sender, Engine control unit

GX2	Accelerator pedal module
G40	Hall sender
G61	Knock sensor 1
G79	Accelerator position sender
G185	Accelerator position sender 2
G247	Fuel pressure sender
J623	Engine control unit
T3aj	3-pin connector
T3ak	3-pin connector
T3q	3-pin connector, black
T6k	6-pin connector, black
T6s	6-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
D141	Connection (5V) in engine prewiring harness

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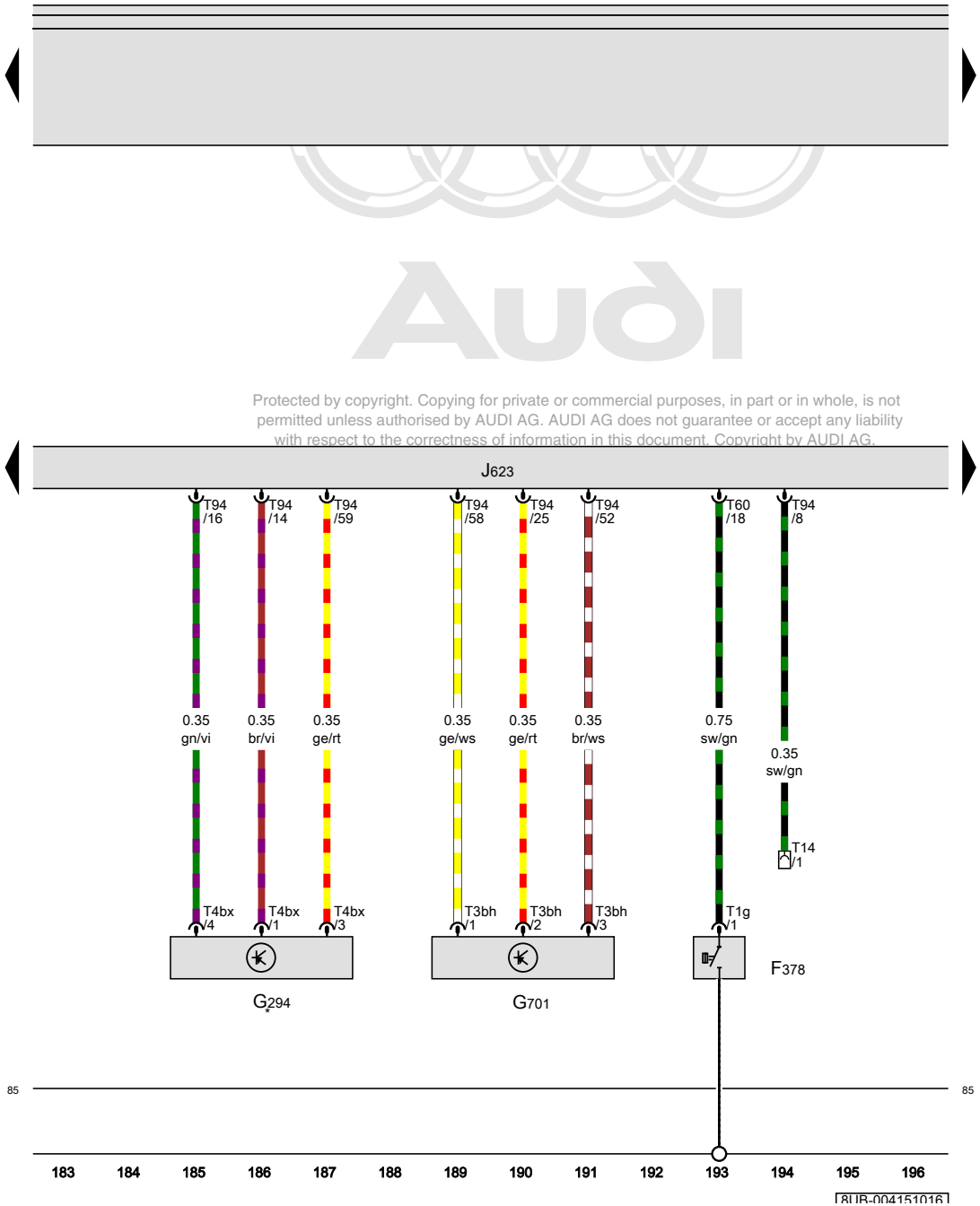


Throttle valve module, Engine speed sender, Charge pressure sender, Intake manifold flap potentiometer, Throttle valve module, Engine control unit

GX3	Throttle valve module
G28	Engine speed sender
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
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
T3al	3-pin connector, dark brown
T3bt	3-pin connector
T4bq	4-pin connector, black
T6s	6-pin connector
T6t	6-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
D174	Connection 2 (5V) in engine prewiring harness

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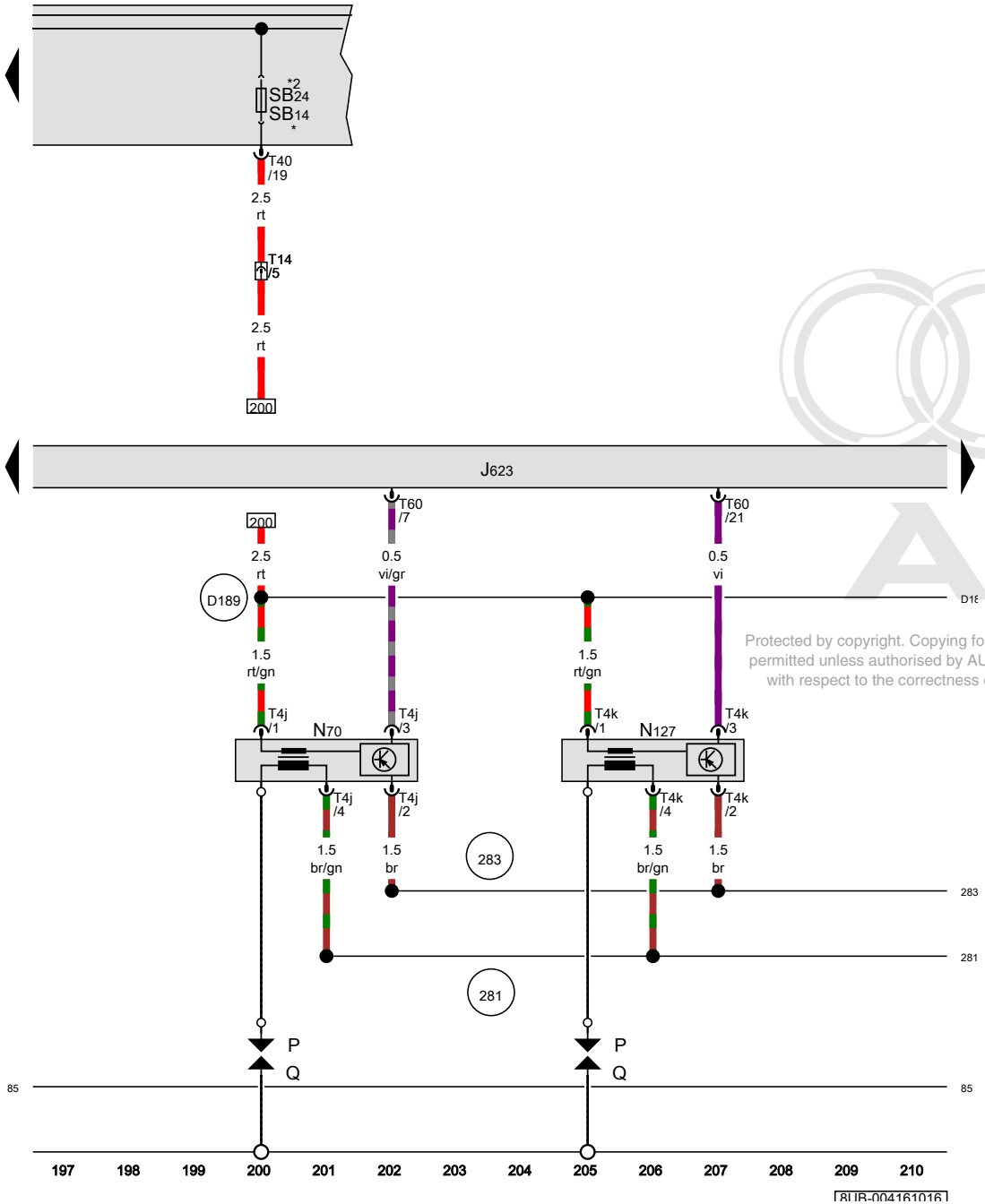


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Oil pressure switch for reduced oil pressure, Brake servo pressure sensor, Gearbox neutral position sender, Engine control unit

F378	Oil pressure switch for reduced oil pressure
G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T1g	1-pin connector, black
T3bh	3-pin connector, black, brown
T4bx	4-pin connector, black
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
*	Only models with brake servo pressure sensor

ws	=	white
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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or	=	orange
rs	=	pink



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

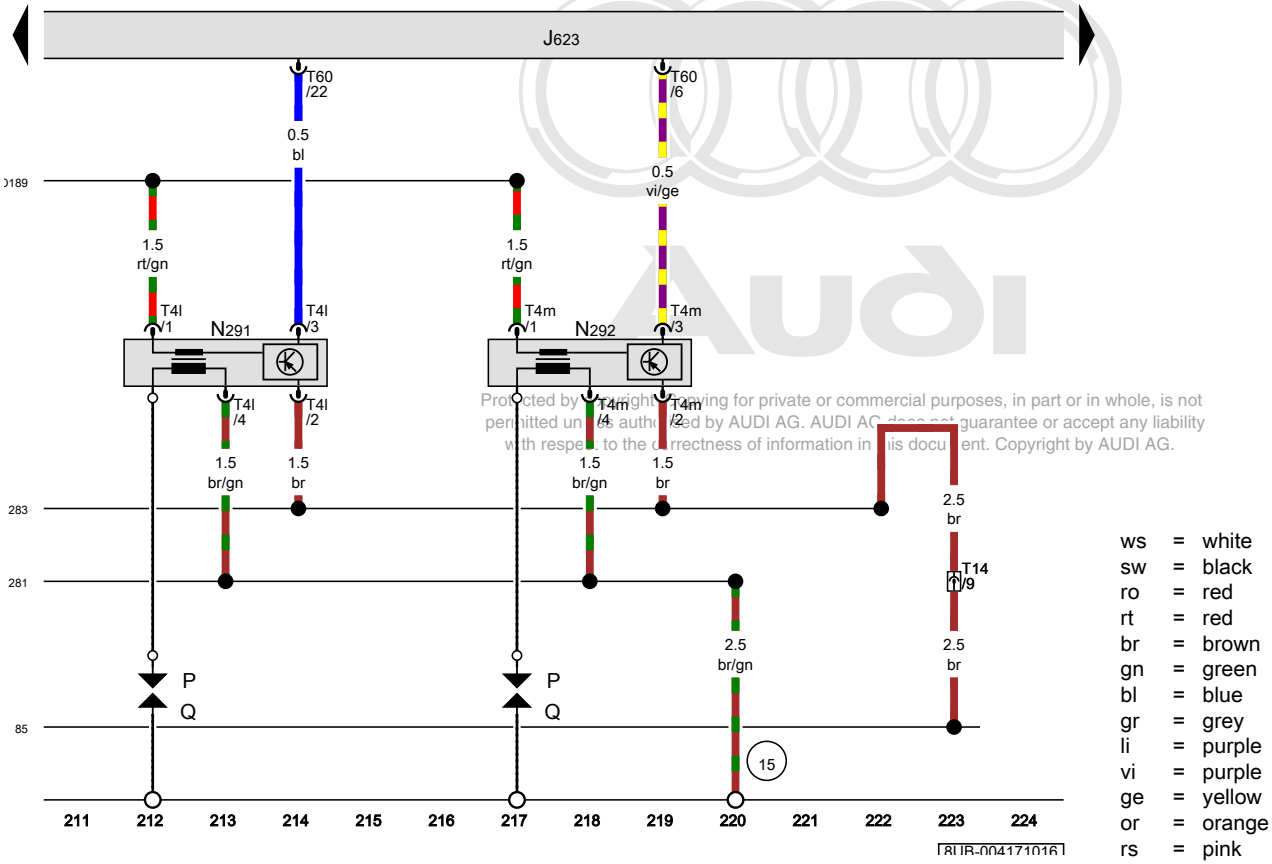
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
P	Spark plug connector
Q	Spark plugs
SB14	Fuse 14 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4j	4-pin connector, black
T4k	4-pin connector, black
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D189	Connection (87a) in engine prewiring harness
*	Up to October 2012
*2	From November 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Engine control unit, 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
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D189	Connection (87a) in engine prewiring harness

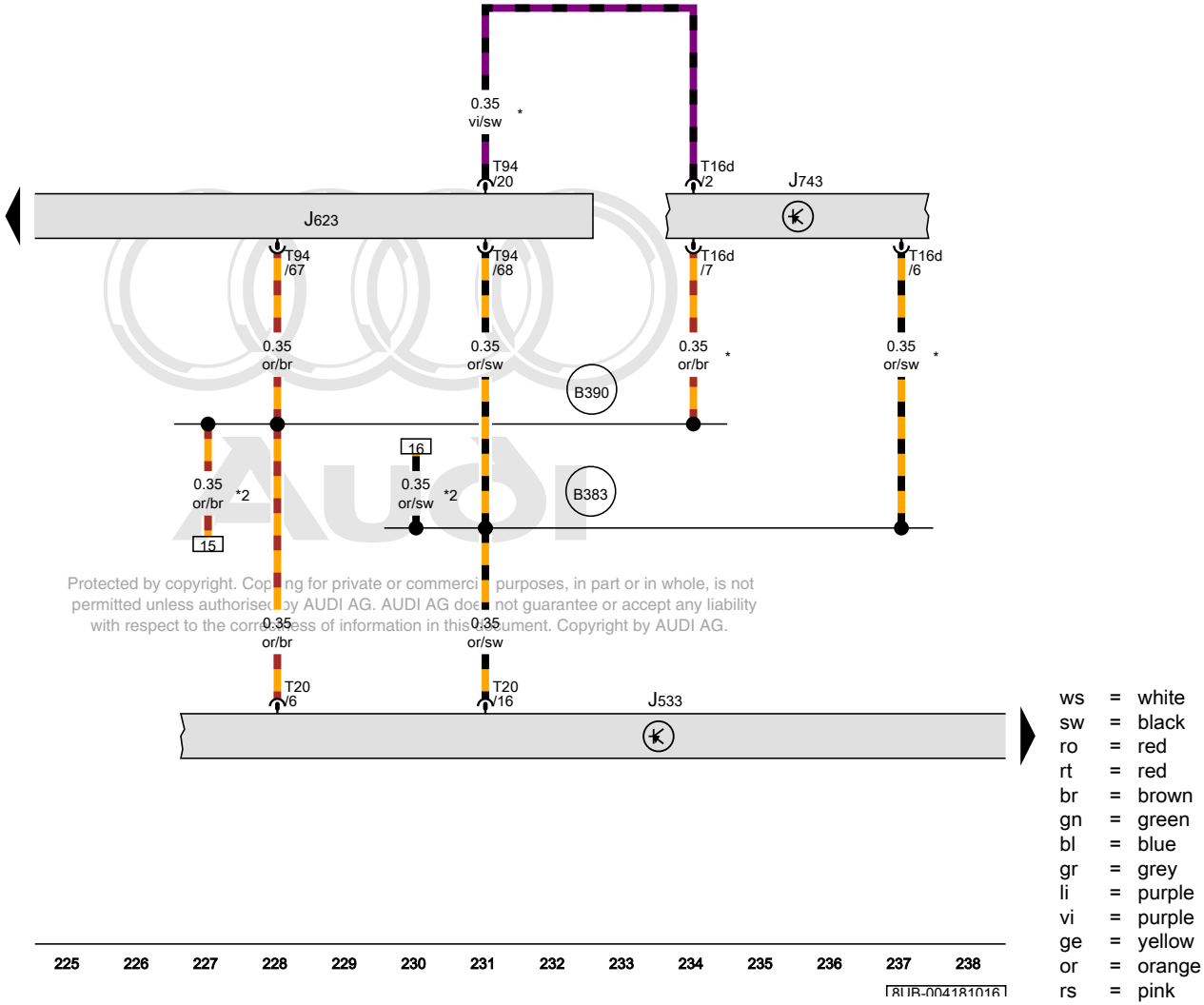


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Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T16d	16-pin connector, black
T20	20-pin connector, red
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with dual clutch gearbox
*2	Only left-hand drive models



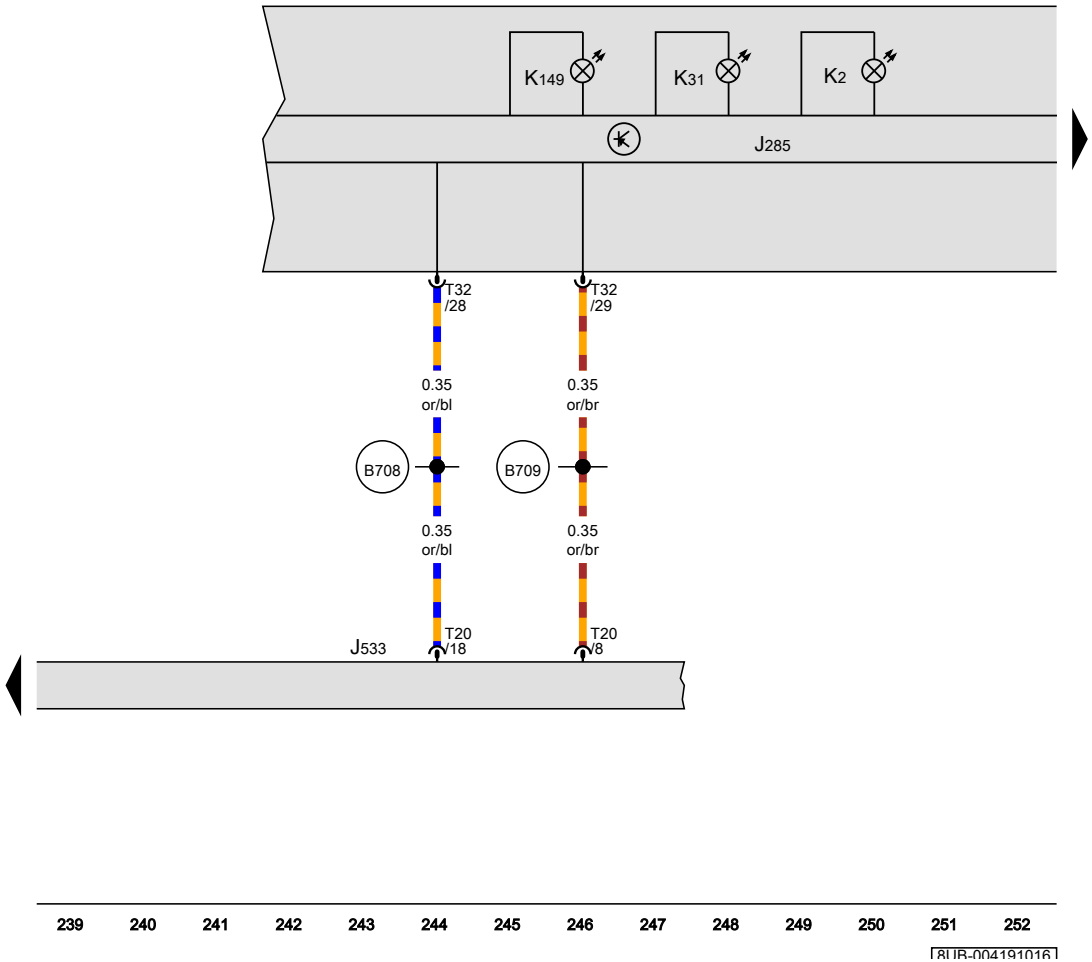
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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

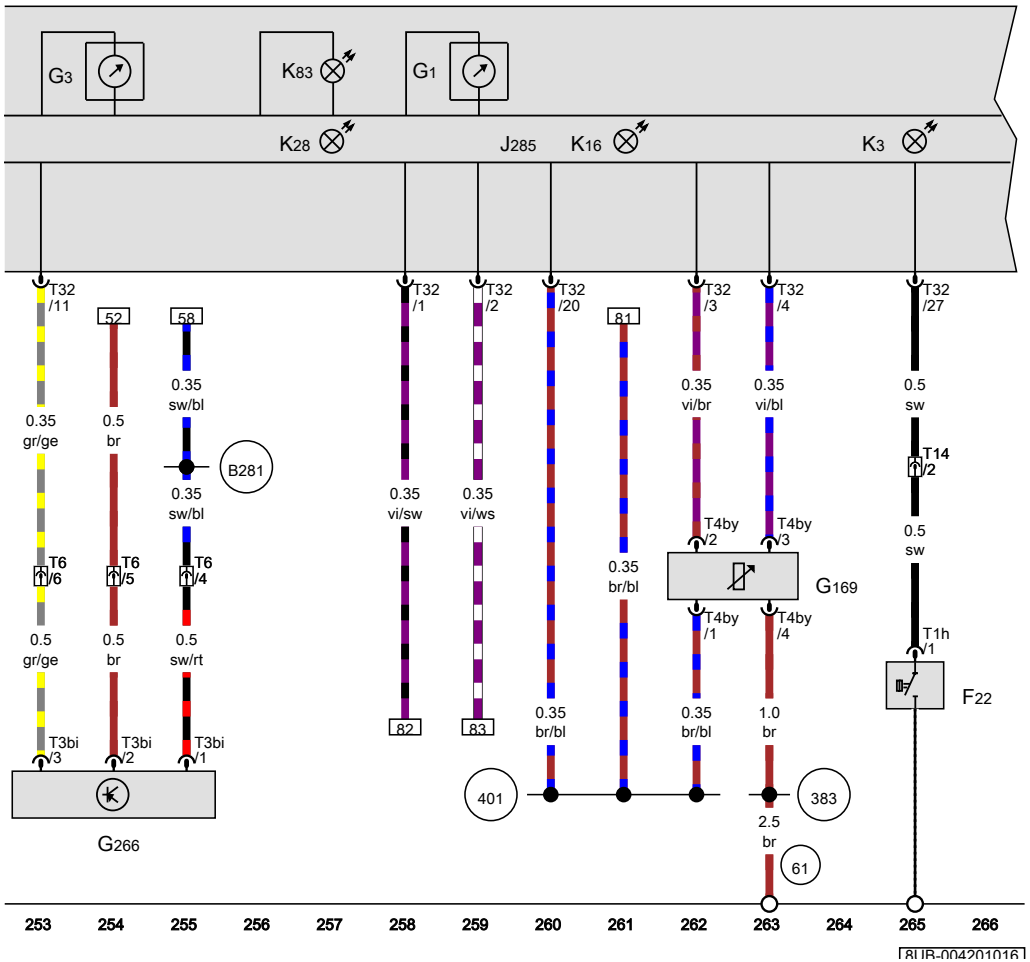
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Oil pressure switch, Oil level and oil temperature sender, Control unit in dash panel insert

F22	Oil pressure switch
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T1h	1-pin connector, dark blue
T3bi	3-pin connector, black
T4by	4-pin connector
T6	6-pin connector, near front left longitudinal member, black
T14	14-pin connector, near front left longitudinal member
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



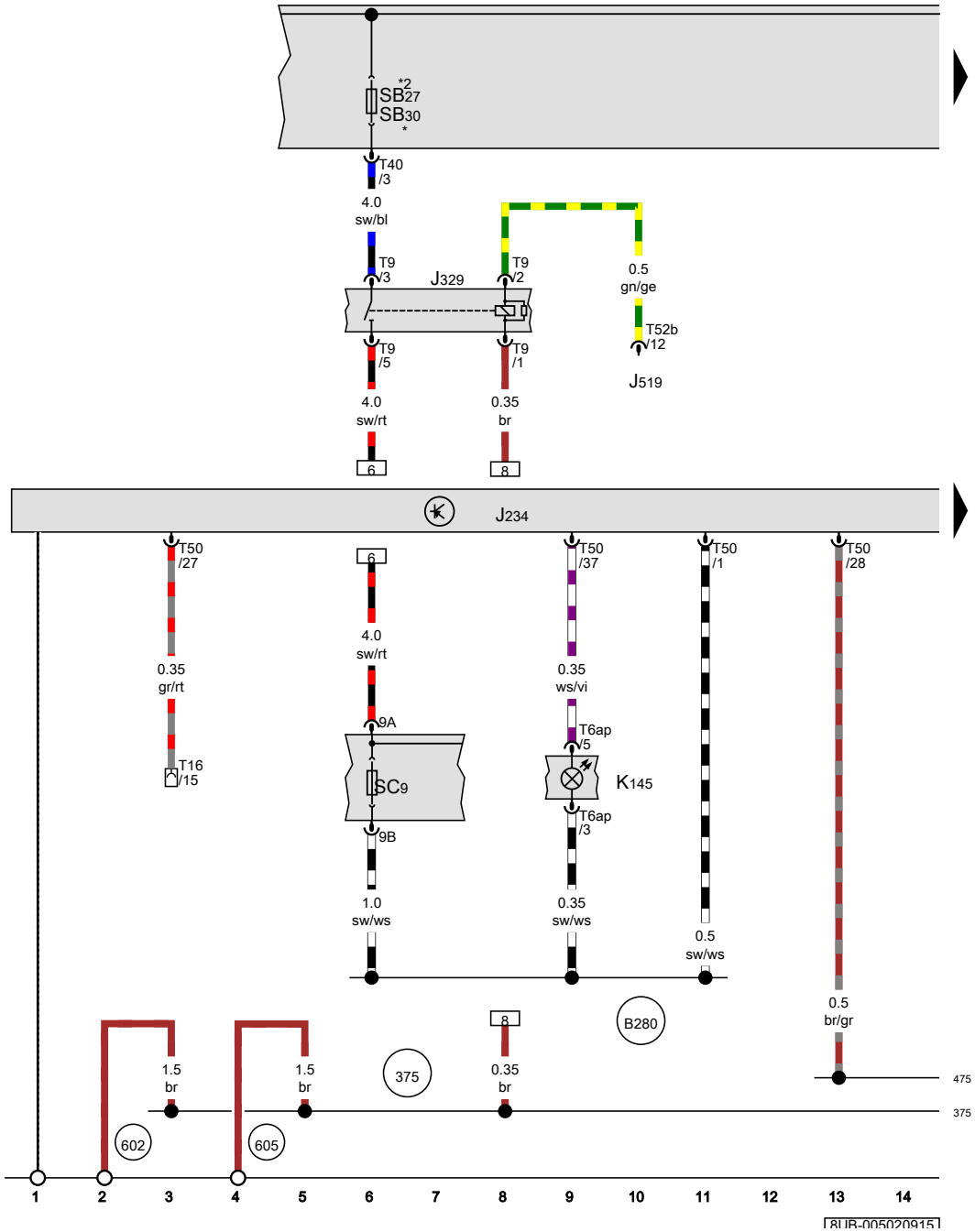
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ro	=	red
rt	=	red
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Airbag systems

From August 2011

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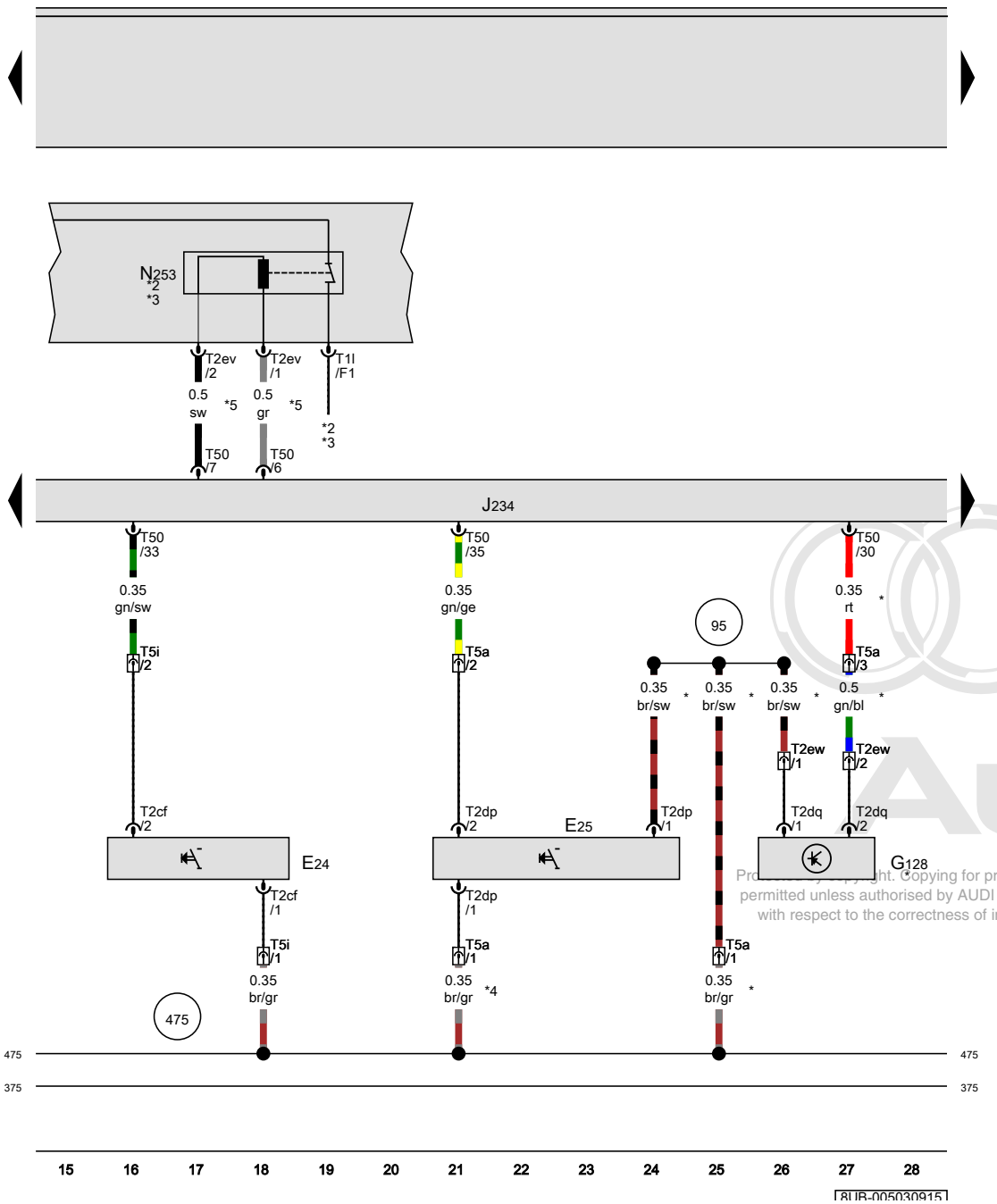


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gn = green
bl = blue
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Terminal 15 voltage supply relay, Onboard supply control unit, Front passenger side airbag deactivated warning lamp

J234	Airbag control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6ap	6-pin connector, white
T9	9-pin connector, black
T16	16-pin connector
T40	40-pin connector, black
T50	50-pin connector, yellow
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B280	Positive connection 4 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

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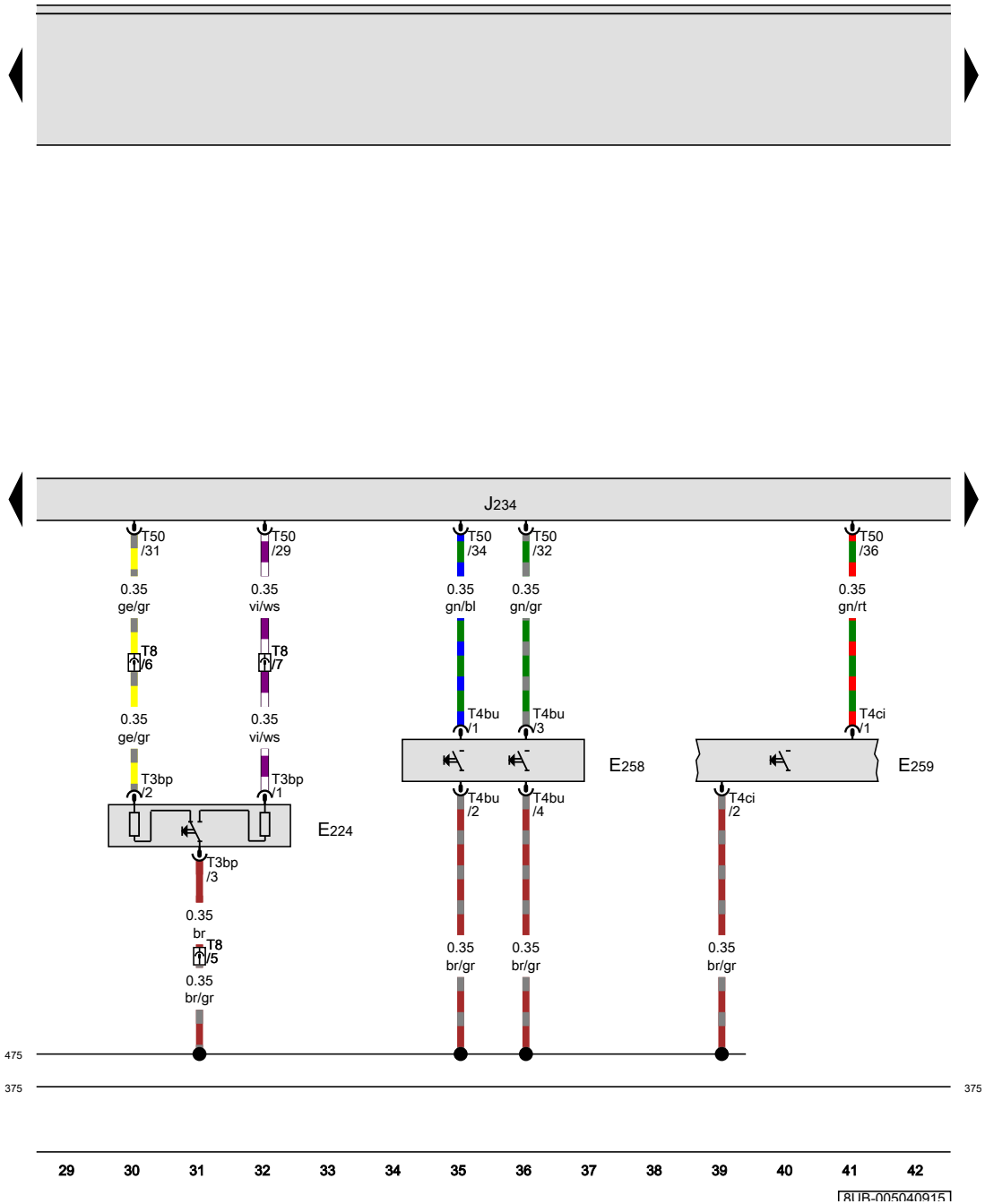


Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Battery isolation igniter

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit
N253	Battery isolation igniter
T1l	Single connector
T2cf	2-pin connector
T2dp	2-pin connector
T2dq	2-pin connector
T2ev	2-pin connector
T2ew	2-pin connector
T5a	5-pin connector, under front passenger seat
T5i	5-pin connector, under driver seat
T50	50-pin connector, yellow
95	Earth connection 1, in seat adjustment wiring harness
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness
*	Only models with seat occupied recognition
*2	Only models with battery in luggage compartment
*3	see applicable current flow diagram
*4	According to equipment
*5	Cross section depends on equipment

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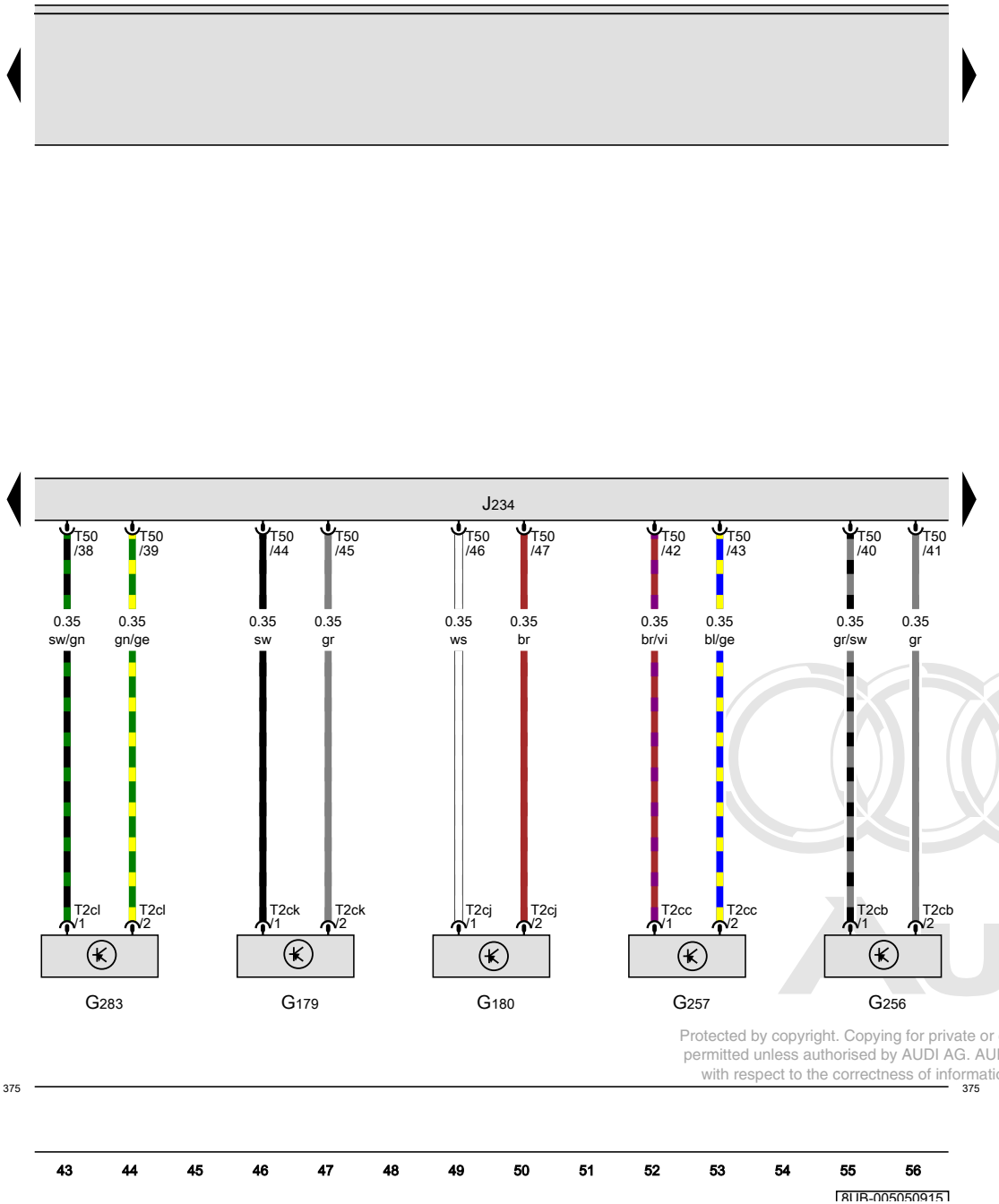


Key operated switch to deactivate front passenger side airbag, Rear belt switch, driver side, Rear belt switch, front passenger side

E224	Key operated switch to deactivate front passenger side airbag
E258	Rear belt switch, driver side
E259	Rear belt switch, front passenger side
J234	Airbag control unit
T3bp	3-pin connector
T4bu	4-pin connector, black
T4ci	4-pin connector
T8	8-pin connector, near glove compartment
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness

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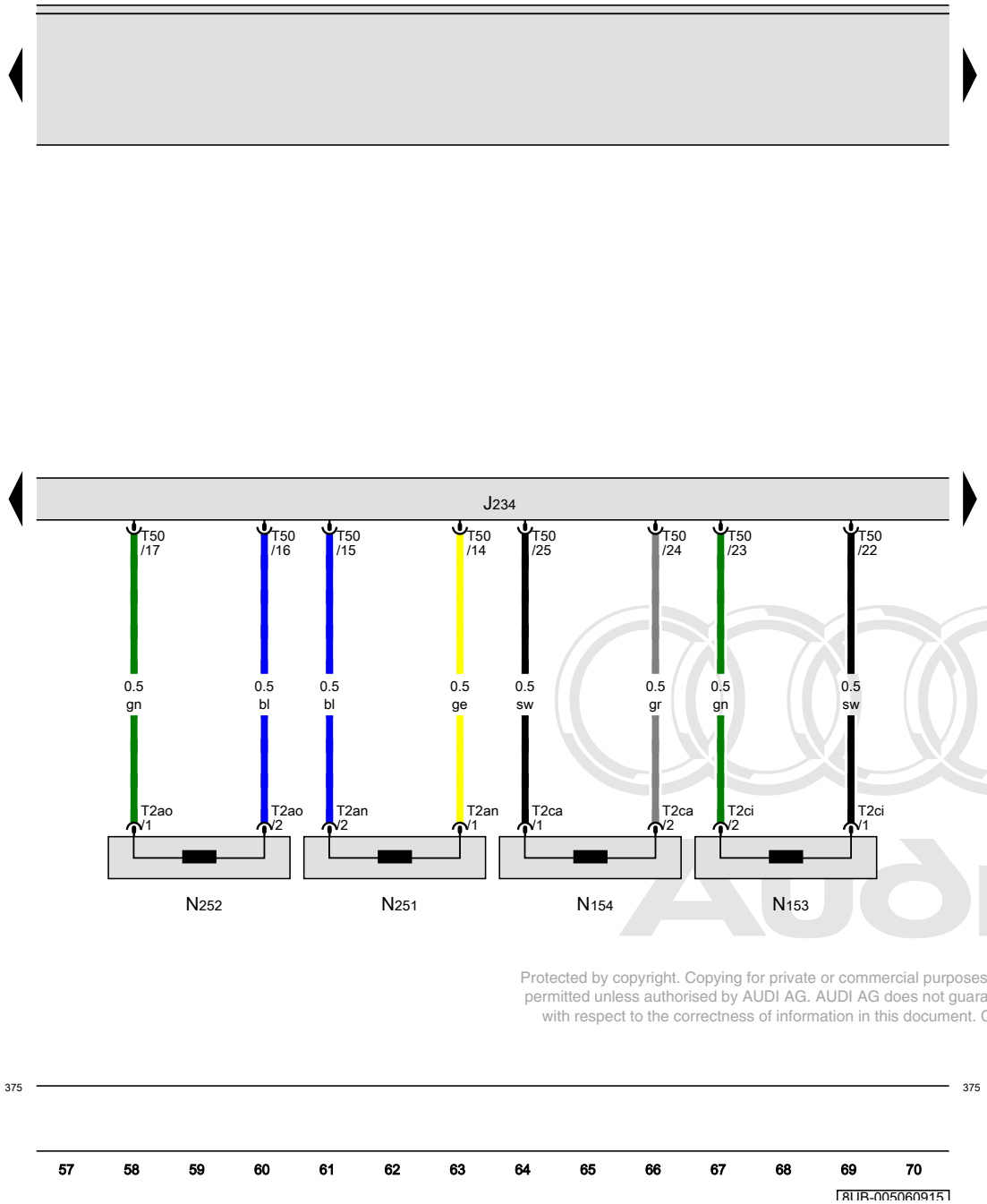


Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side

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
J234	Airbag control unit
T2cb	2-pin connector
T2cc	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2cl	2-pin connector
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness

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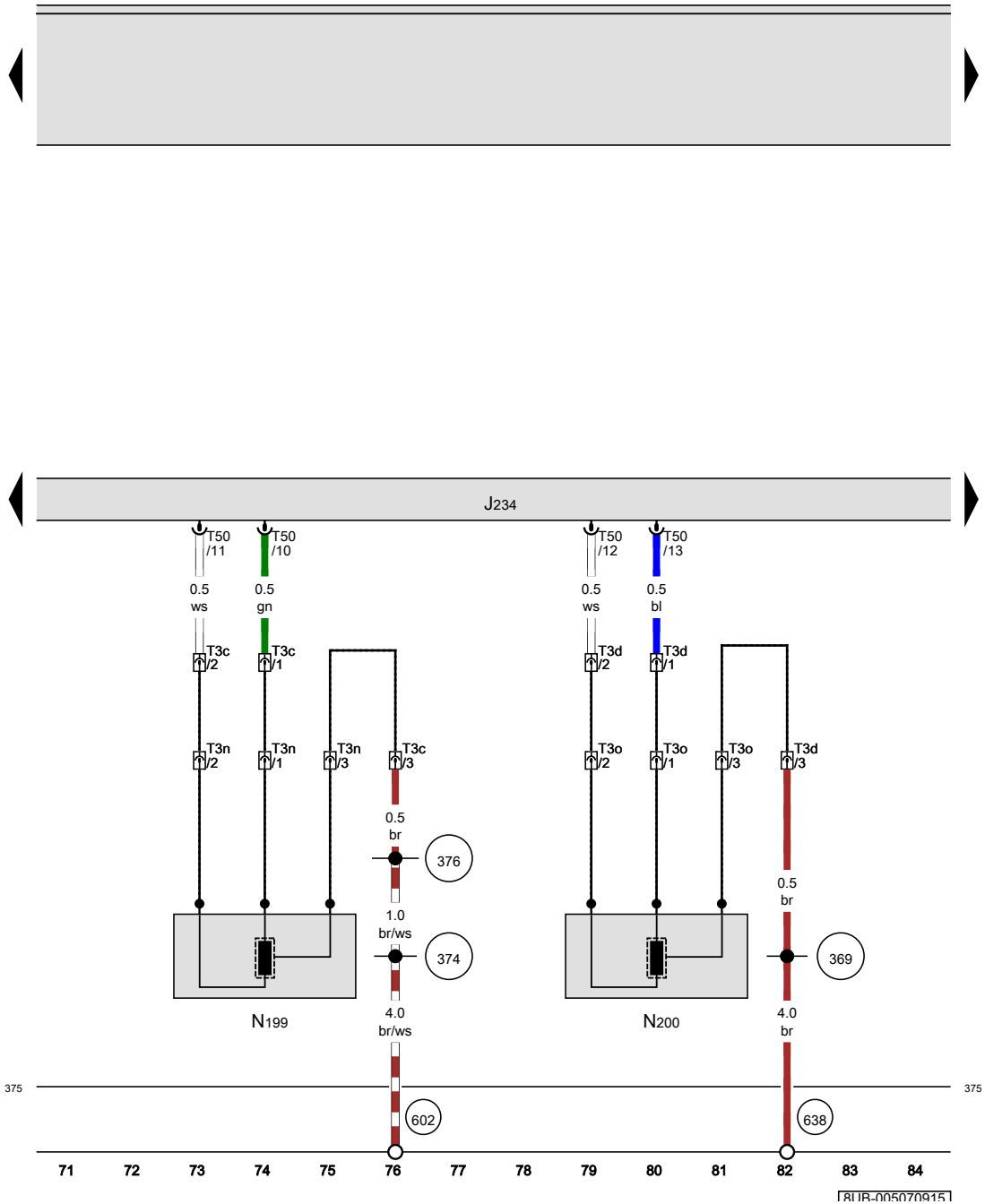


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Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2an	2-pin connector
T2ao	2-pin connector
T2ca	2-pin connector
T2ci	2-pin connector
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness

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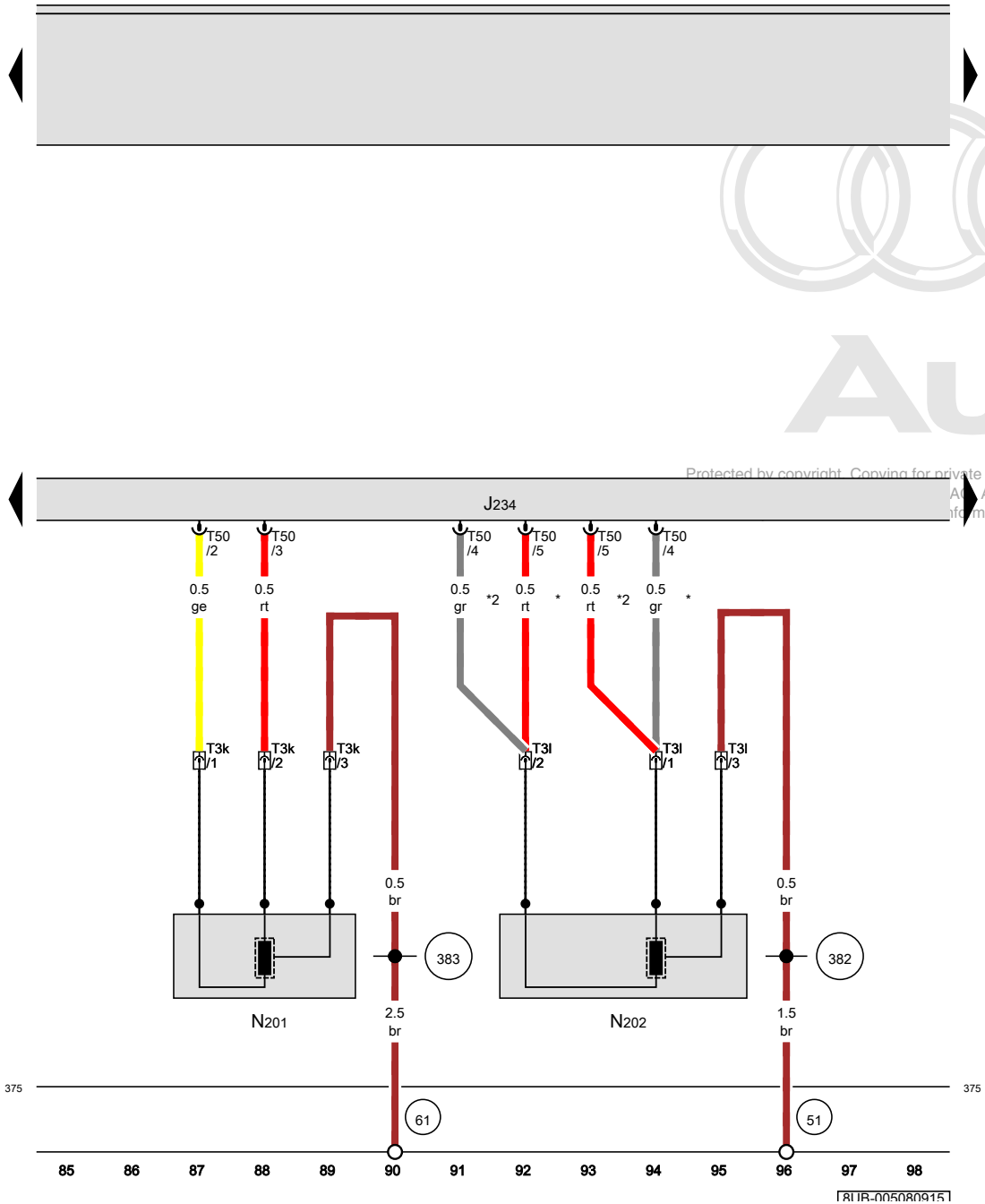


Side airbag igniter on driver side, Side airbag igniter on front passenger side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T3c	3-pin connector, near driver seat, in coupling point for front seat, left
T3d	3-pin connector, near front passenger seat, in coupling point for front seat, right
T3n	3-pin connector
T3o	3-pin connector
T50	50-pin connector, yellow
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar

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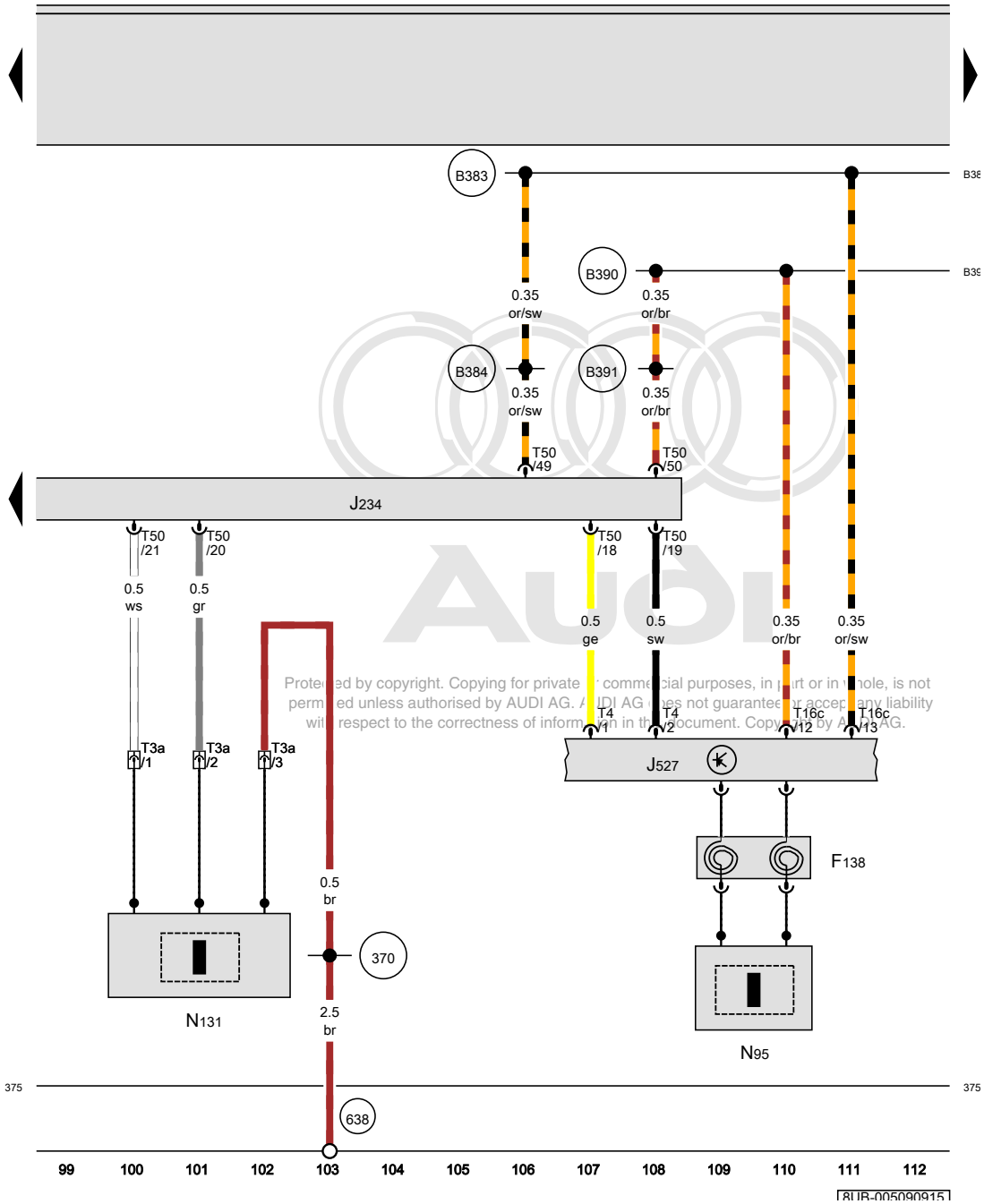


Rear side airbag igniter on driver side, Rear side airbag igniter on front passenger side

J234	Airbag control unit
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on front passenger side
T3k	3-pin connector
T3l	3-pin connector
T50	50-pin connector, yellow
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
*	Gradually discontinued
*2	gradual introduction

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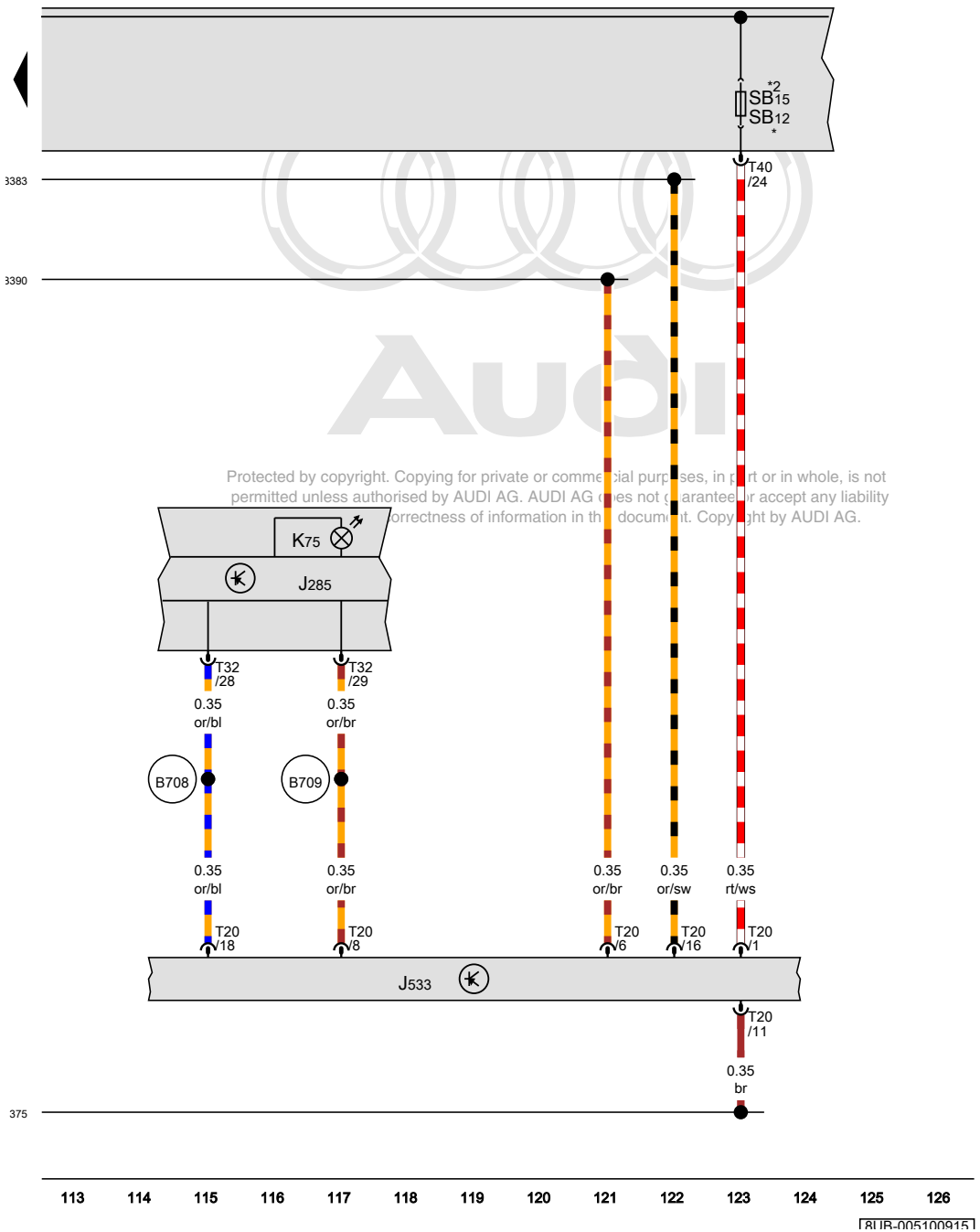


Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T3a	3-pin connector
T4	4-pin connector, yellow
T16c	16-pin connector, black
T50	50-pin connector, yellow
370	Earth connection 5, in main wiring harness
375	Earth connection 10, 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
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

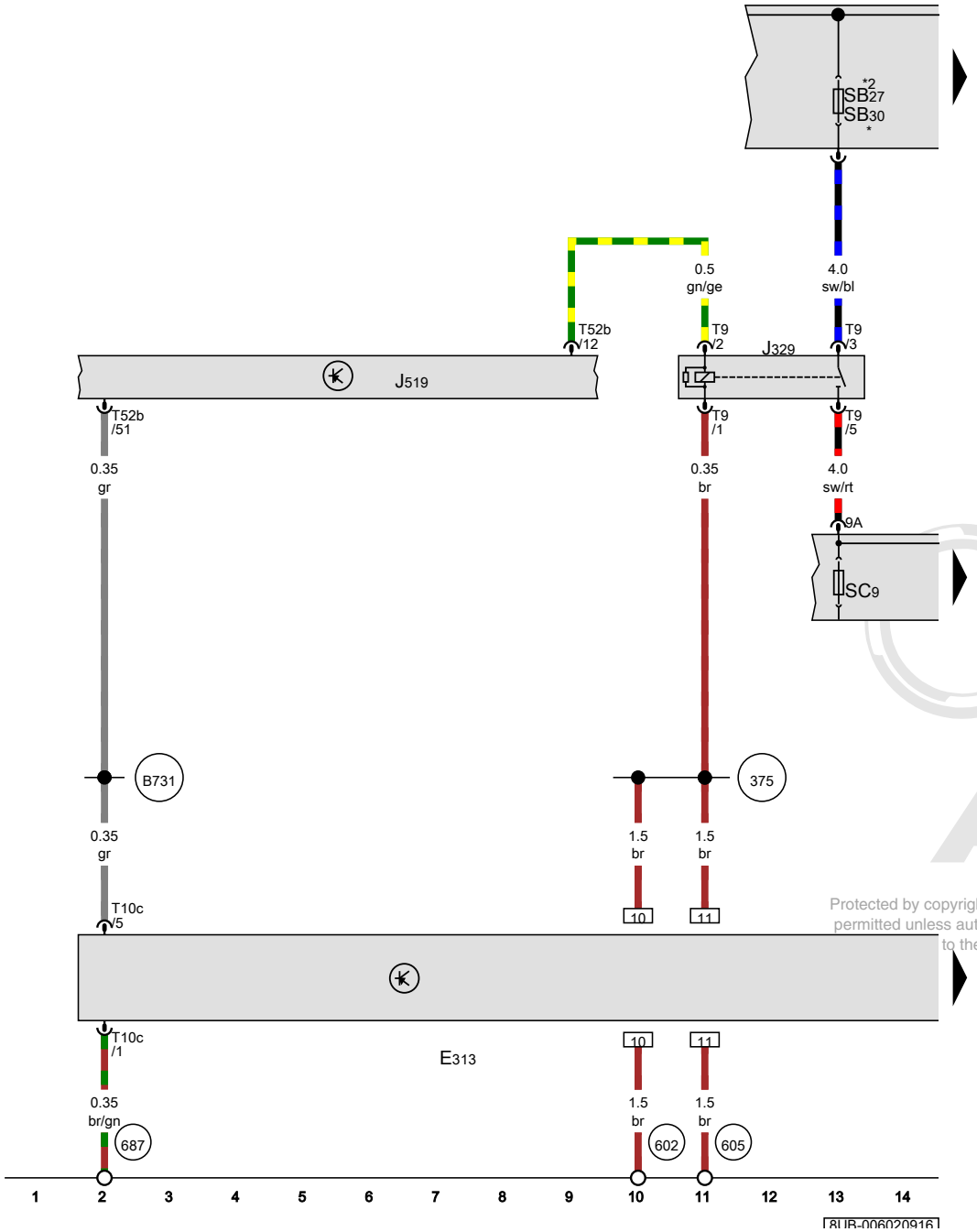
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K75	Airbag warning lamp
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector, red
T32	32-pin connector, blue
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Up to October 2012
*2	From November 2012

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sw	=	black
ro	=	red
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7-speed dual clutch gearbox 0BH (S tronic) , (0EX)

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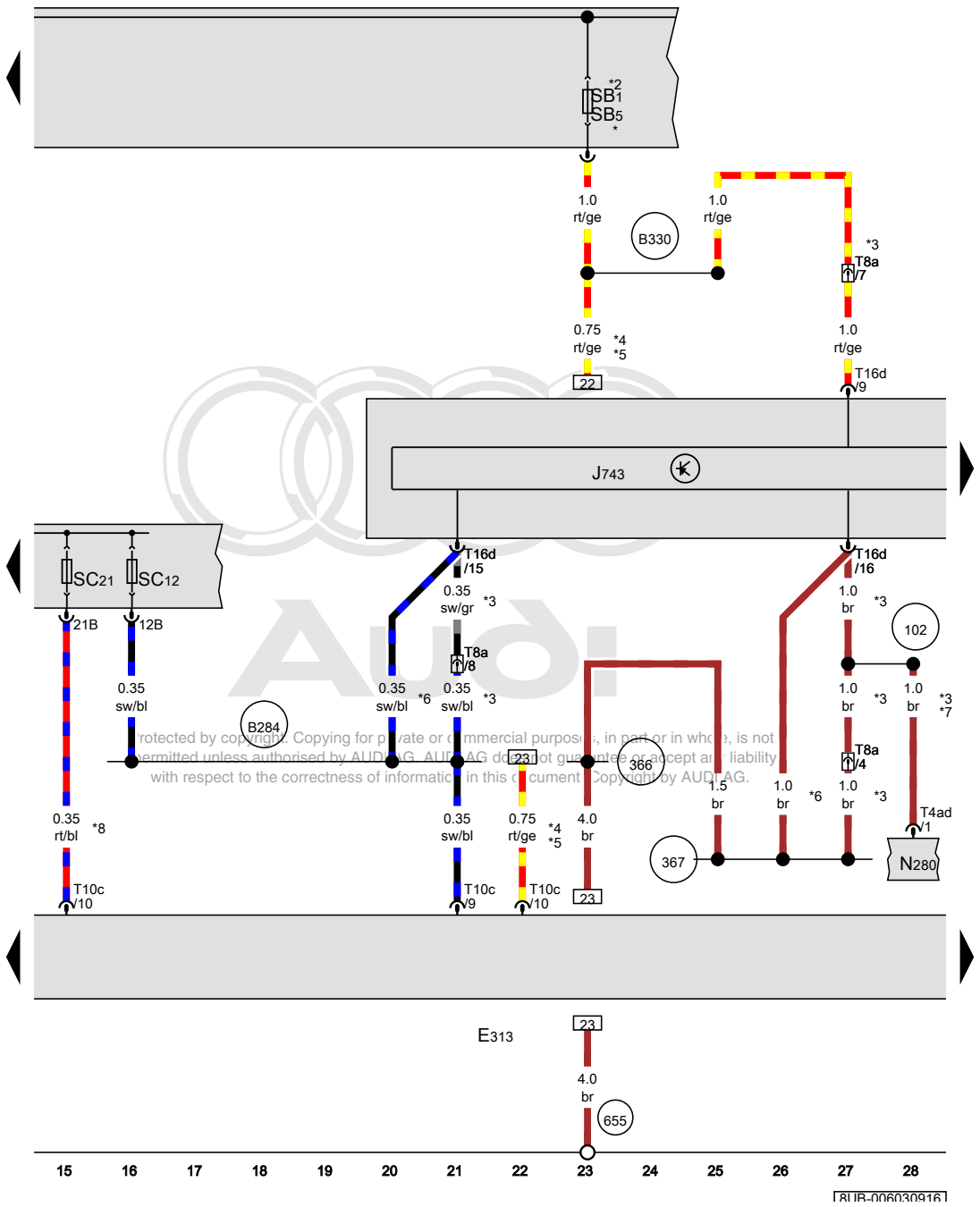


Selector lever, Terminal 15 voltage supply relay, Onboard supply control unit

E313	Selector lever
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T9	9-pin connector, black
T10c	10-pin connector, black
T52b	52-pin connector, colourless
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
687	Earth point 1, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
*	Up to October 2012
*2	From November 2012

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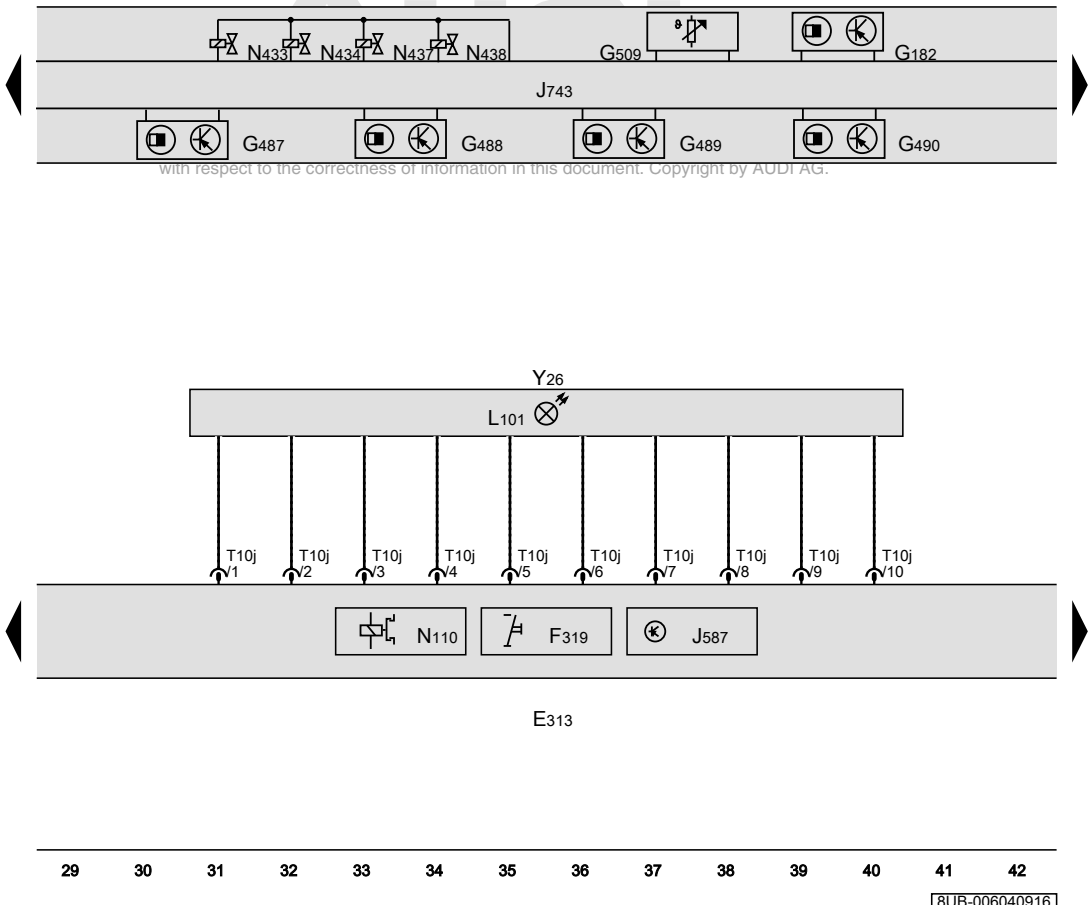
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Selector lever, Mechatronic unit for dual clutch gearbox

E313	Selector lever
J743	Mechatronic unit for dual clutch gearbox
N280	Air conditioner compressor regulating valve
SB1	Fuse 1 on fuse holder B
SB5	Fuse 5 on fuse holder B
SC12	Fuse 12 on fuse holder C
SC21	Fuse 21 on fuse holder C
T4ad	4-pin connector
T8a	8-pin connector, black
T10c	10-pin connector, black
T16d	16-pin connector, black
102	Earth connection, in gearbox wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
B284	Positive connection 8 (15a) in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with 2.5l petrol engine
*4	Up to October 2014
*5	Cross section depends on equipment
*6	Not for models with 2.5l petrol engine
*7	Only models with air conditioning system
*8	From November 2014

Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in sub-gearbox 1, Selector lever position display

E313	Selector lever
F319	Selector lever locked in position P switch
G182	Gearbox input speed sender
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G509	Clutch temperature sender
J587	Selector lever sensors control unit
J743	Mechatronic unit for dual clutch gearbox
L101	Selector lever display illumination bulb
N110	Selector lever lock solenoid
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
T10j	10-pin connector, black
Y26	Selector lever position display

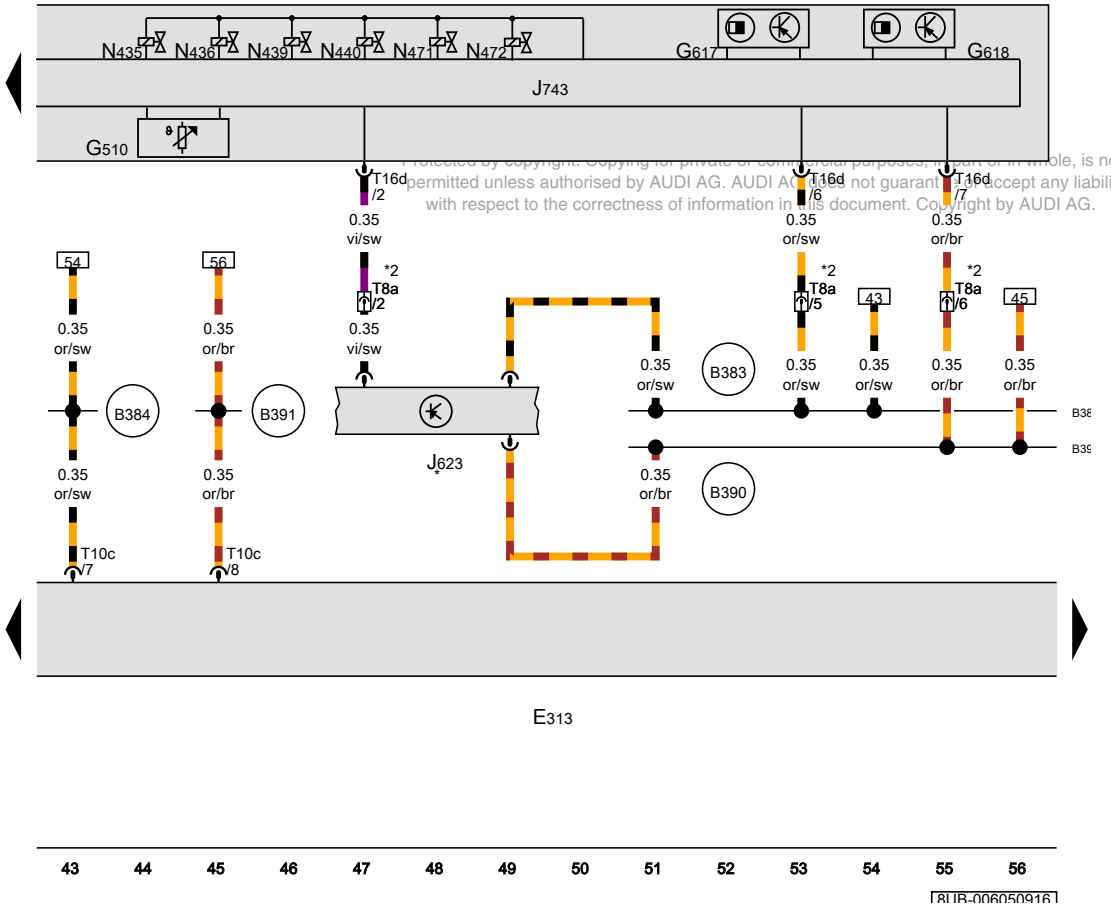


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Selector lever, Engine control unit, Mechatronic unit for dual clutch gearbox

E313	Selector lever
G510	Temperature sender in control unit
G617	Clutch travel sender 1
G618	Clutch travel sender 2
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
T8a	8-pin connector, black
T10c	10-pin connector, black
T16d	16-pin connector, black
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 engine
*2	Only models with 2.5l petrol engine

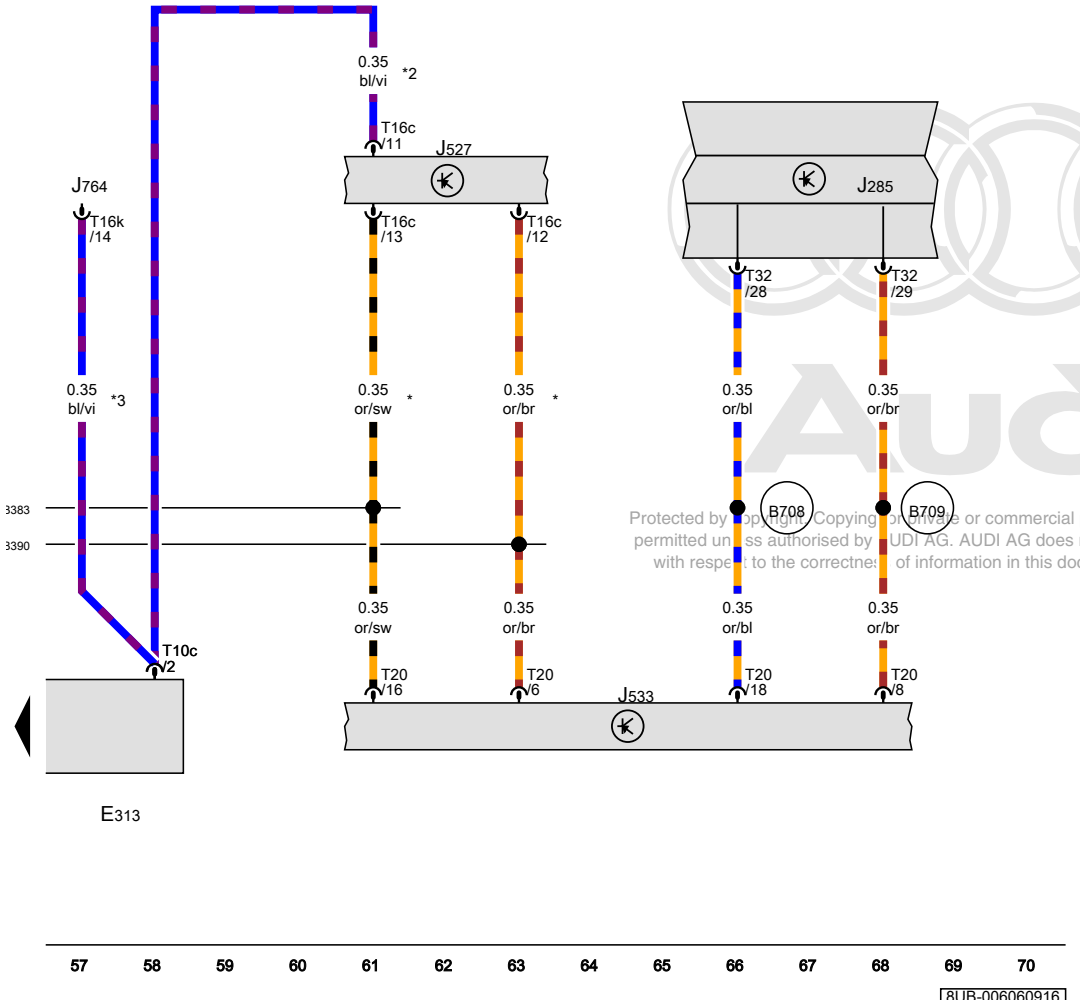


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Selector lever, Control unit in dash panel insert, Steering column electronics control unit, Data bus diagnostic interface

E313	Selector lever
J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J764	Control unit for electronic steering column lock
T10c	10-pin connector, black
T16c	16-pin connector, black
T16k	16-pin connector
T20	20-pin connector, red
T32	32-pin connector, blue
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Only left-hand drive models
*2	Only models with no entry and start authorisation
*3	Only models with entry and start authorisation



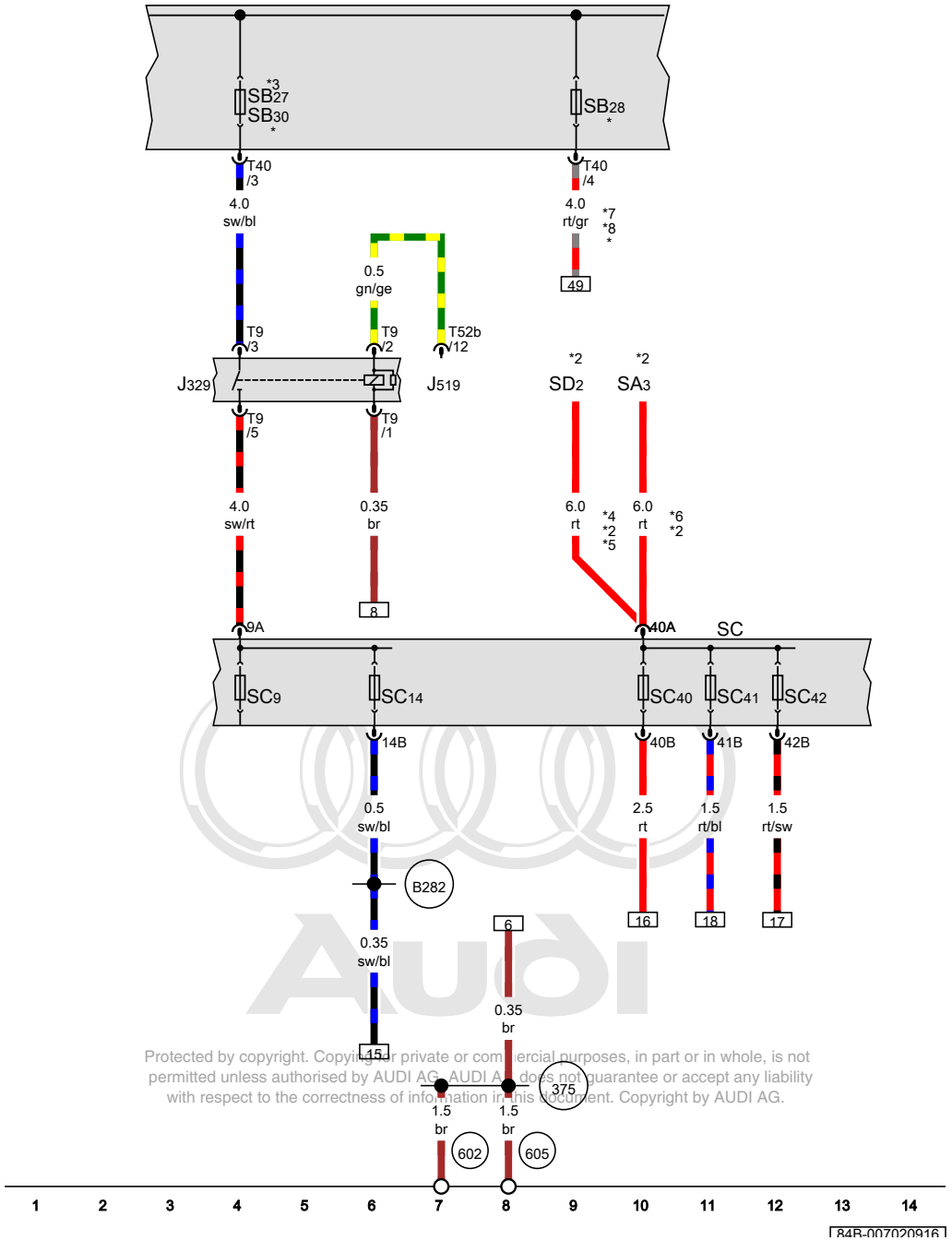
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Trailer coupling , (1D4),(1D8),(GP1)

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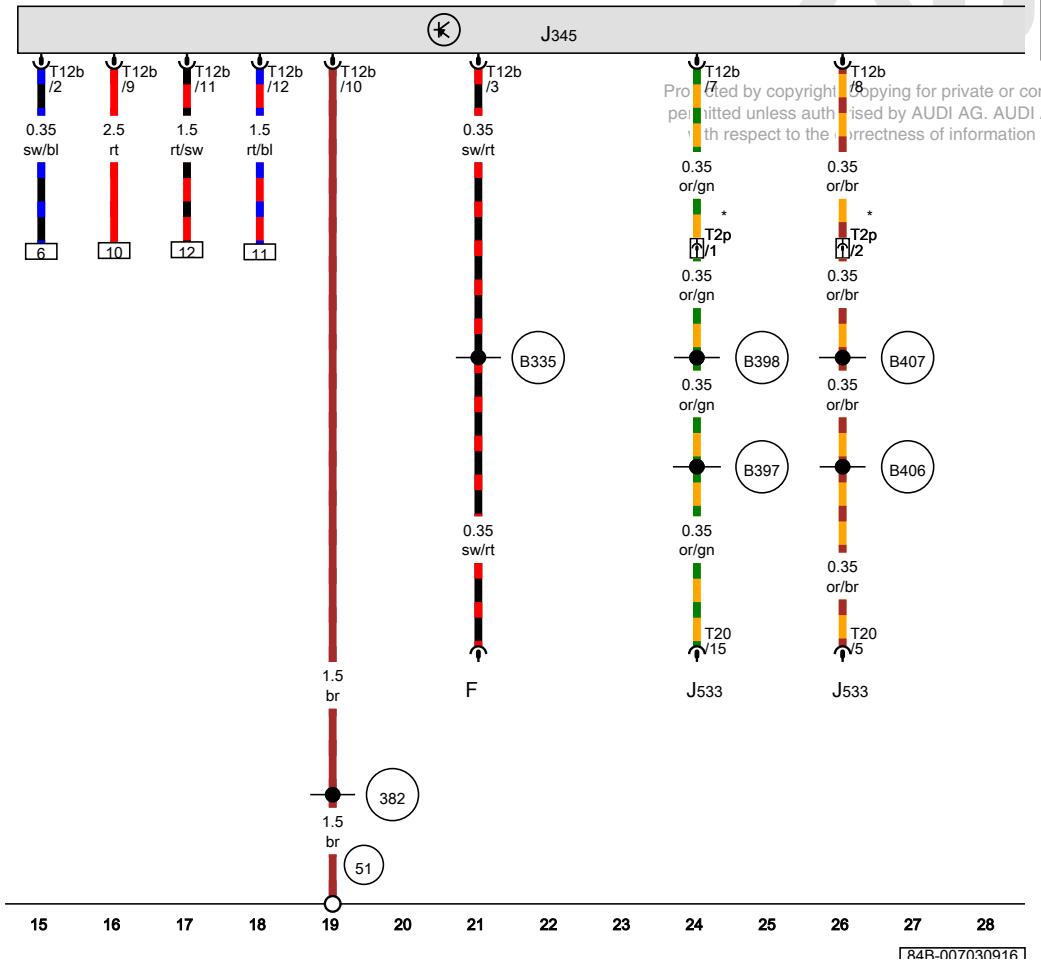
Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SD2	Fuse 2 on fuse holder D
SA3	Fuse 3 on fuse holder A
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B282	Positive connection 6 (15a) in main wiring harness
*	Up to October 2012
*2	see applicable current flow diagram
*3	From November 2012
*4	Only models with battery in luggage compartment
*5	From May 2013
*6	Only models with battery in engine compartment
*7	Only models with preparation for trailer coupling
*8	Only right-hand drive models

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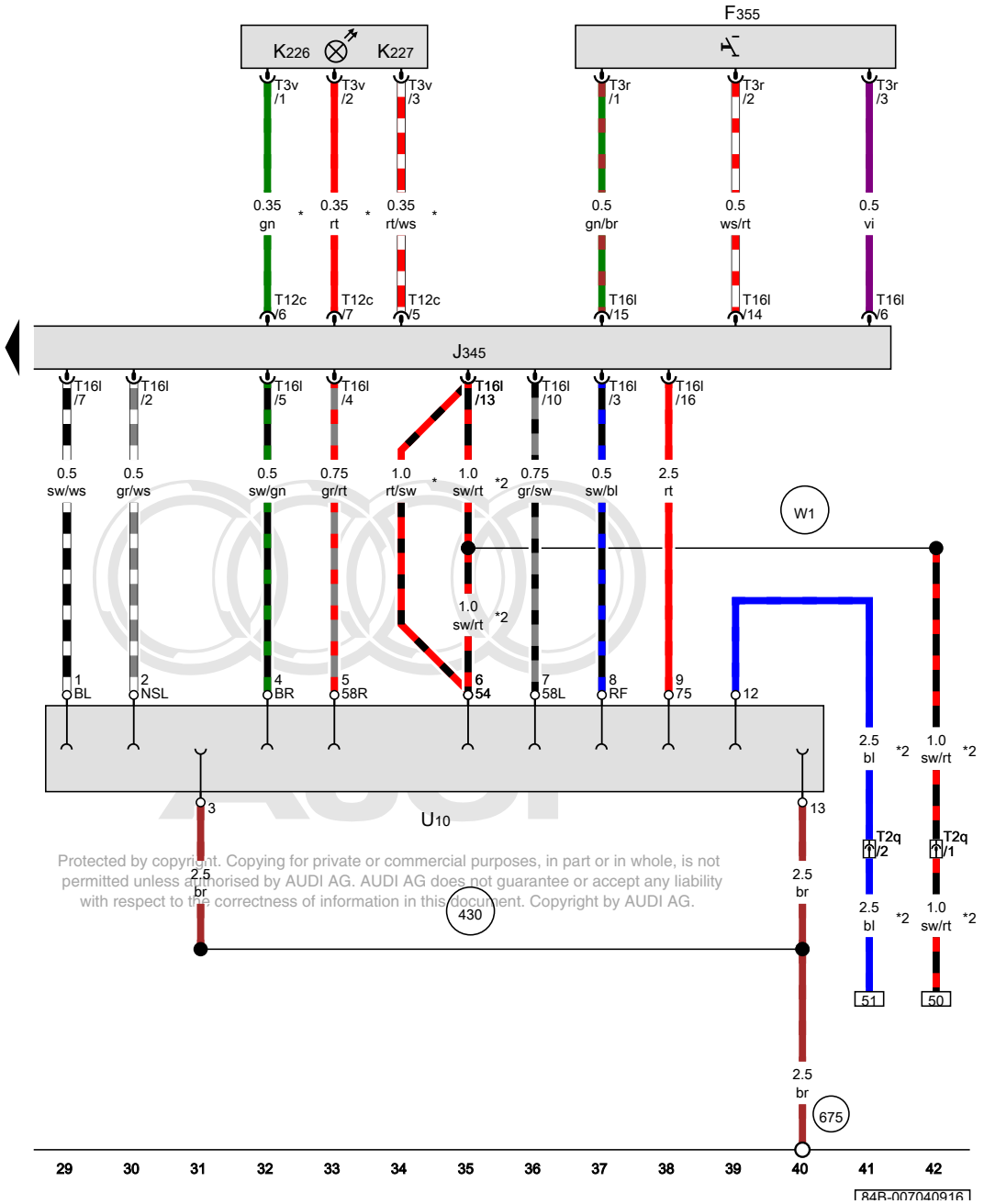
Brake light switch, Trailer detector control unit

F	Brake light switch
J345	Trailer detector control unit
J533	Data bus diagnostic interface
T2p	2-pin connector
T12b	12-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
B335	Connection 1 (54), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling



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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Contact switch on locking pin, Trailer detector control unit, Towing bracket locked warning lamp, Towing bracket released warning lamp, Trailer socket

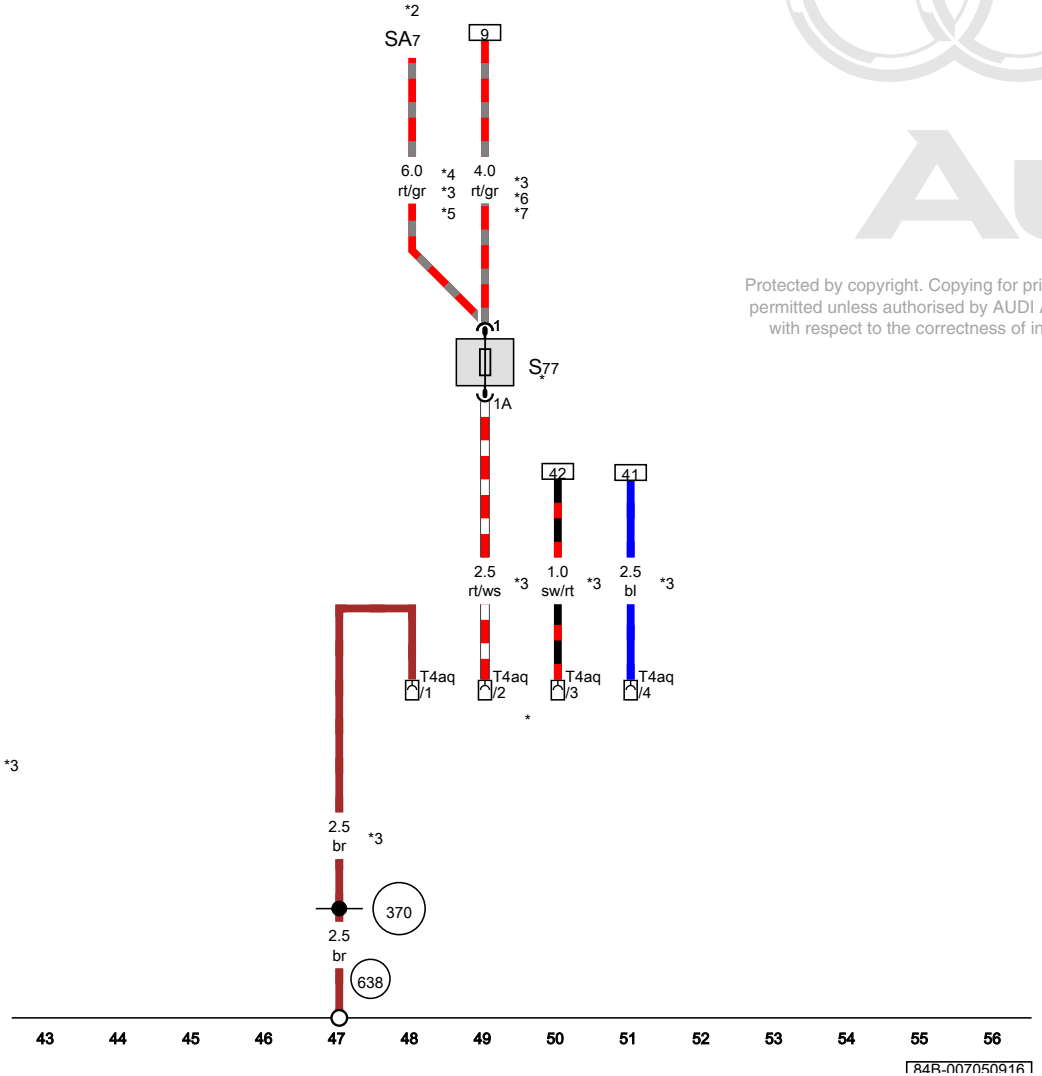
F355	Contact switch on locking pin
J345	Trailer detector control unit
K226	Towing bracket locked warning lamp
K227	Towing bracket released warning lamp
T2q	2-pin connector
T3r	3-pin connector
T3v	3-pin connector
T12c	12-pin connector
T16l	16-pin connector
U10	Trailer socket
430	Earth connection, in towing bracket wiring harness
675	Earth point 2, on right in luggage compartment
W1	Positive connection 1 (54), in rear wiring harness
*	According to equipment
*2	Only models with preparation for trailer coupling

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 fuse, trailer towing attachment

SA7	Fuse 7 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
T4aq	4-pin connector
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
*	Only models for Australia
*2	see applicable current flow diagram
*3	Only models with preparation for trailer coupling
*4	From November 2012
*5	Cross section depends on equipment
*6	Only right-hand drive models
*7	Up to October 2012

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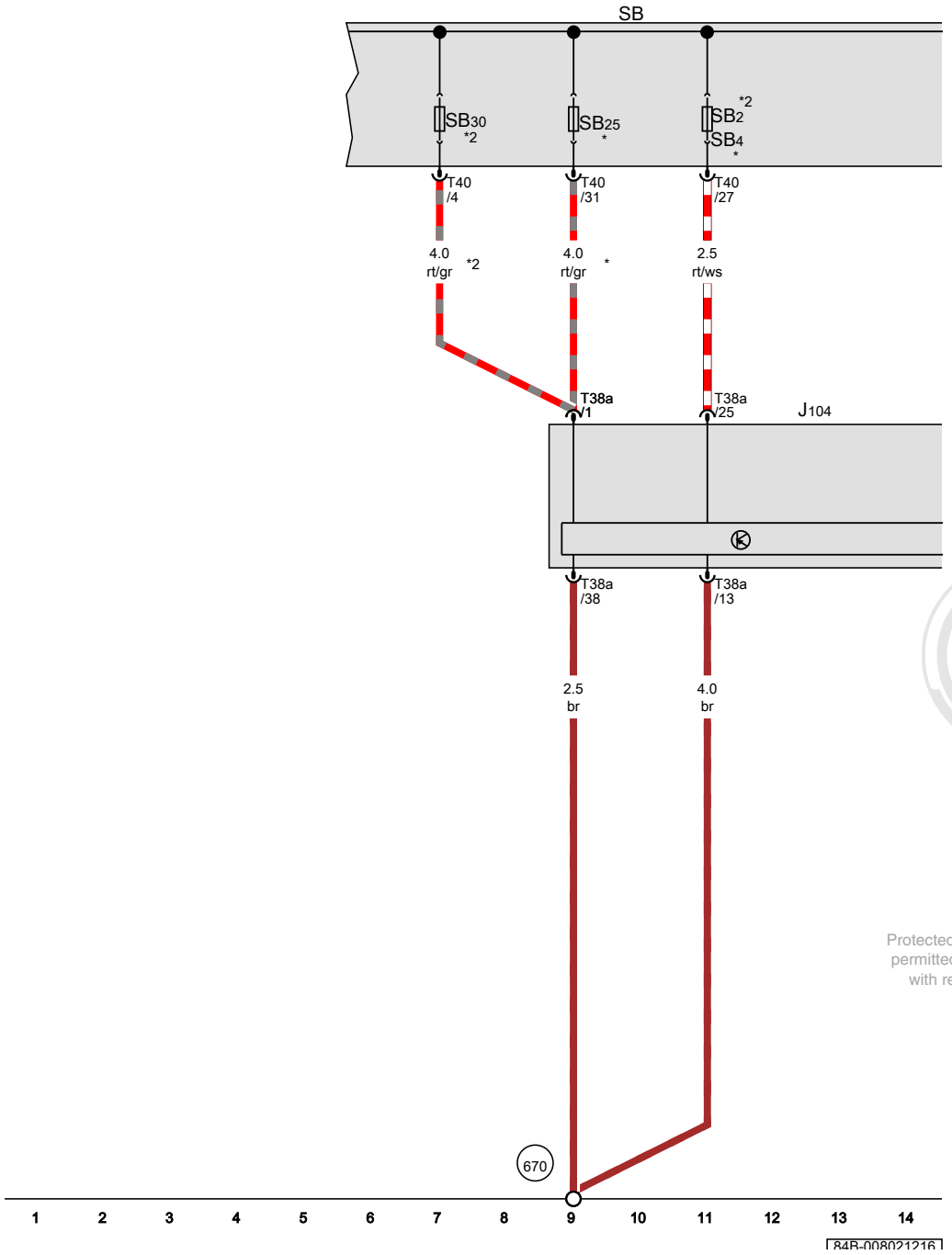


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gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Anti-lock brake system (ABS) with electronic stabilisation program (ESP) , (GP1)

From August 2011

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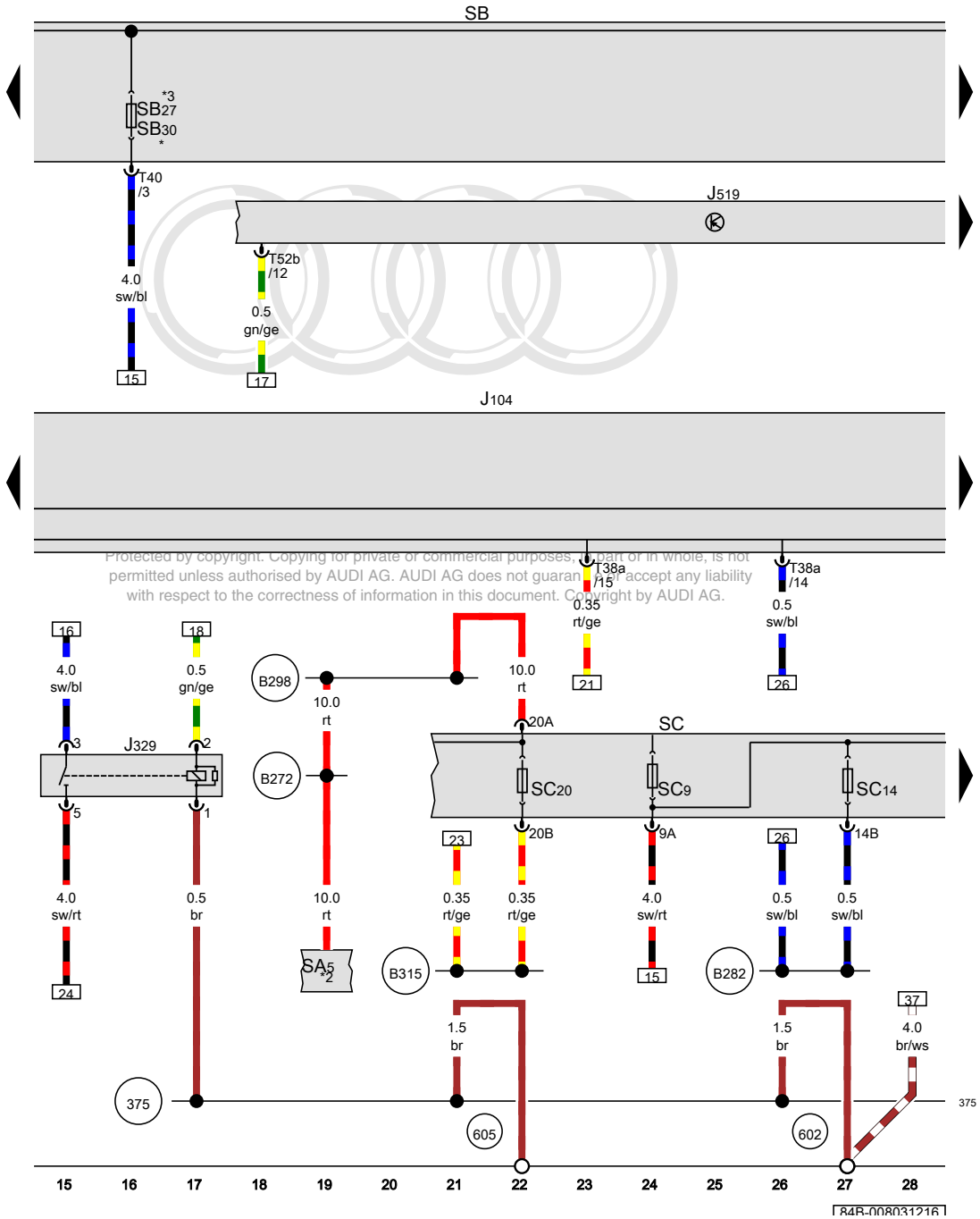


ABS control unit, Fuse holder B

J104	ABS control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB30	Fuse 30 on fuse holder B
T38a	38-pin connector
T40	40-pin connector
670	Earth point 2, left A-pillar
*	Up to October 2012
*2	From November 2012

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rs	=	pink

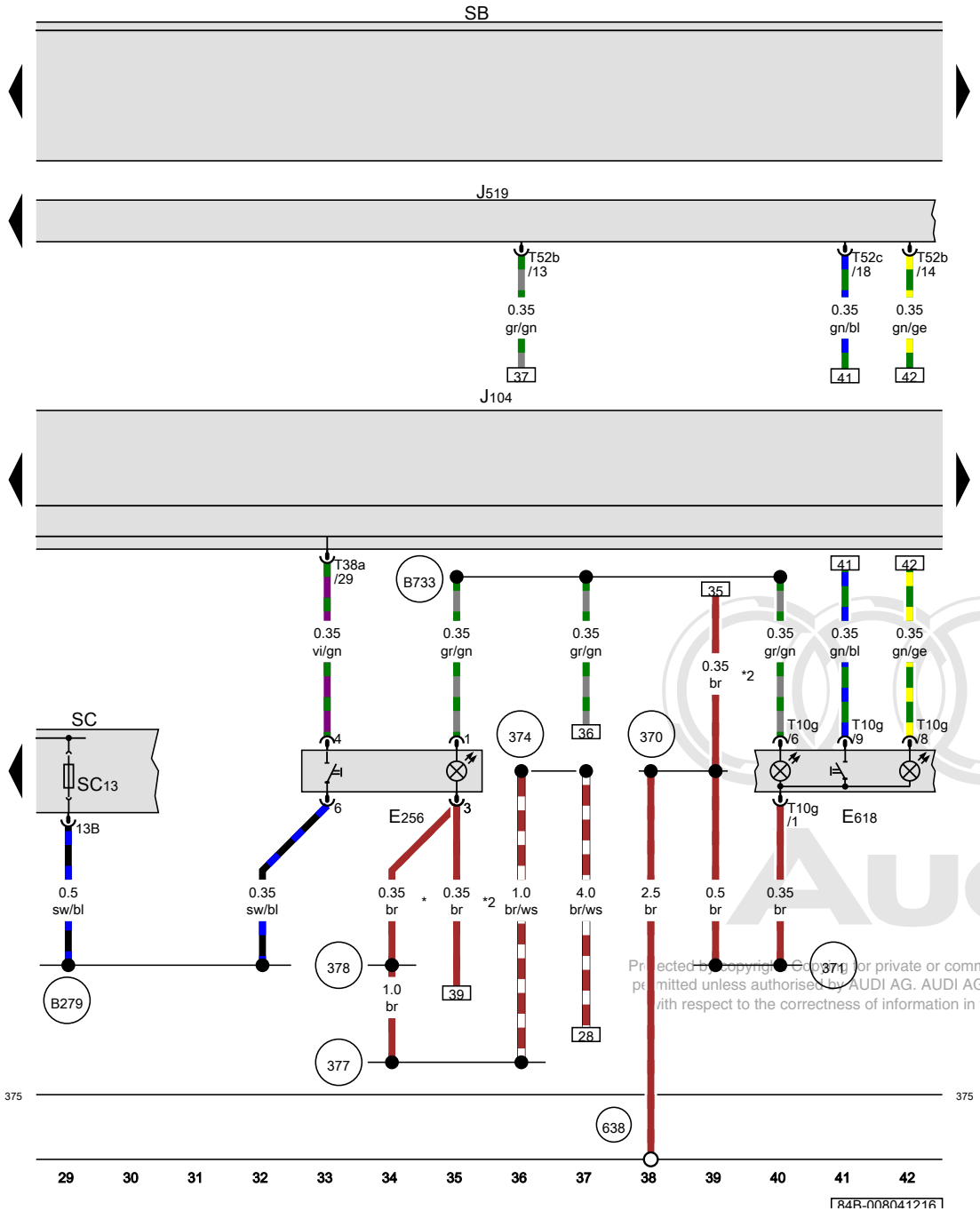


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li = purple
vi = purple
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or = orange
rs = pink

ABS control unit, Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder B

J104	ABS control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
T38a	38-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	Up to October 2012
*2	see applicable current flow diagram for battery
*3	From November 2012

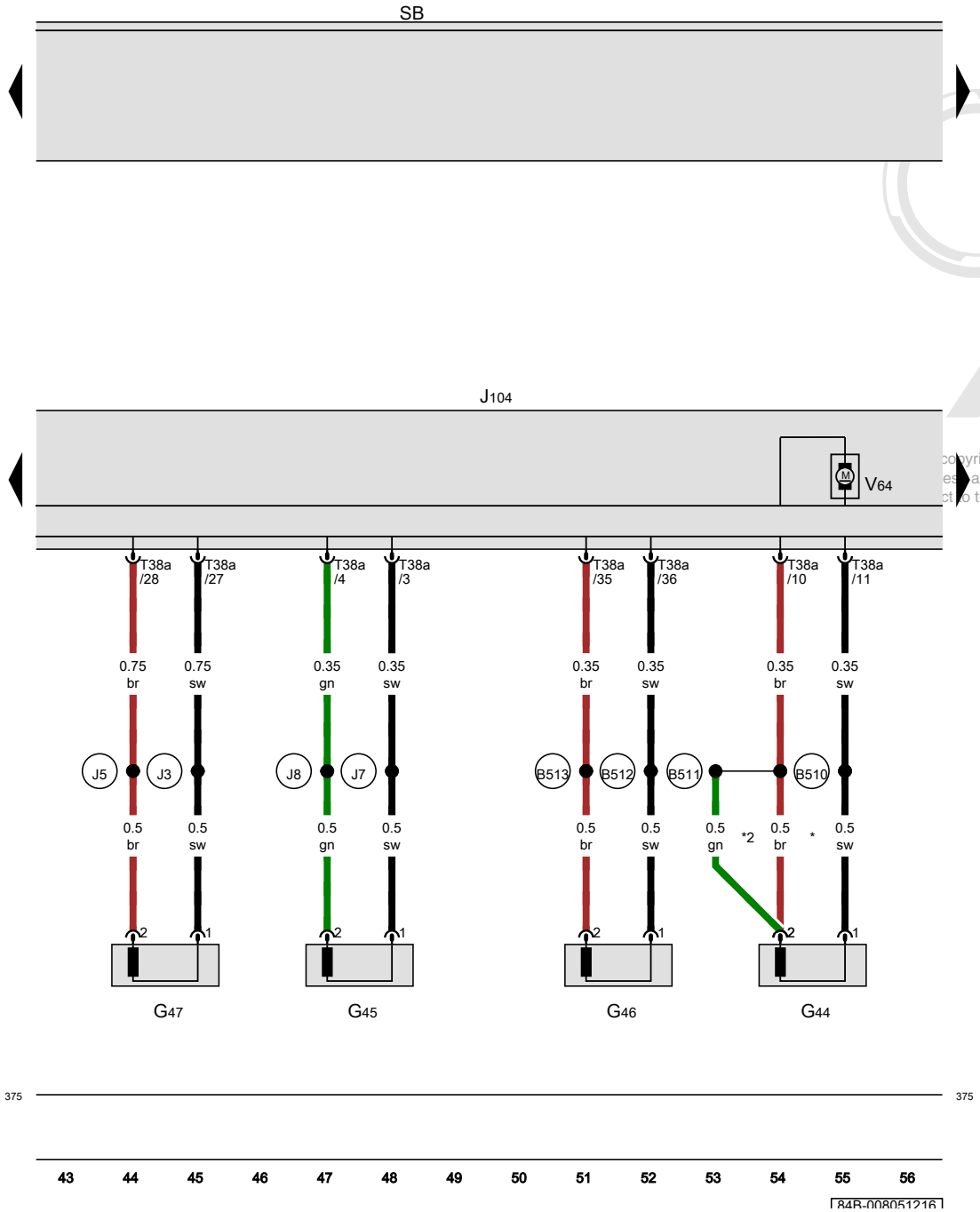


Button for TCS and electronic stabilisation program, Hill descent control button, ABS control unit, Onboard supply control unit, Fuse holder B

E256	Button for TCS and electronic stabilisation program
E618	Hill descent control button
J104	ABS control unit
J519	Onboard supply control unit
SB	Fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
T10g	10-pin connector
T38a	38-pin connector
T52b	52-pin connector
T52c	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
638	Earth point, on right A-pillar
B279	Positive connection 3 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

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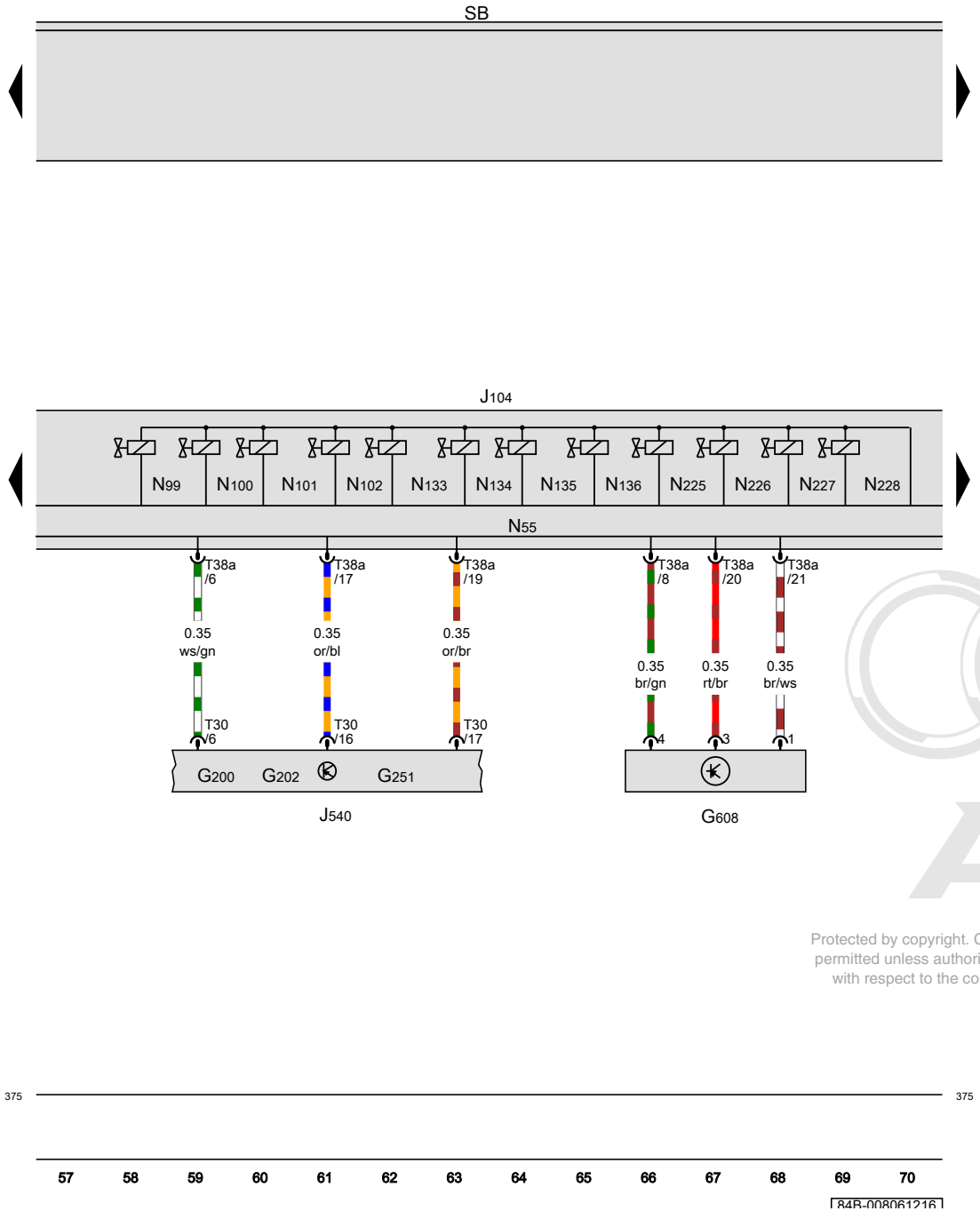


Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, Fuse holder B

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
J104	ABS control unit
SB	Fuse holder B
T38a	38-pin connector
V64	ABS hydraulic pump
375	Earth connection 10, in main wiring harness
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness
J3	Connection 1, in ABS wiring harness
J5	Connection 2, in ABS wiring harness
J7	Connection 3, in ABS wiring harness
J8	Connection 4, in ABS wiring harness
*	Only models with no electronic damping control
*2	Only models with electronic damping control

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sw	=	black
ro	=	red
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gn	=	green
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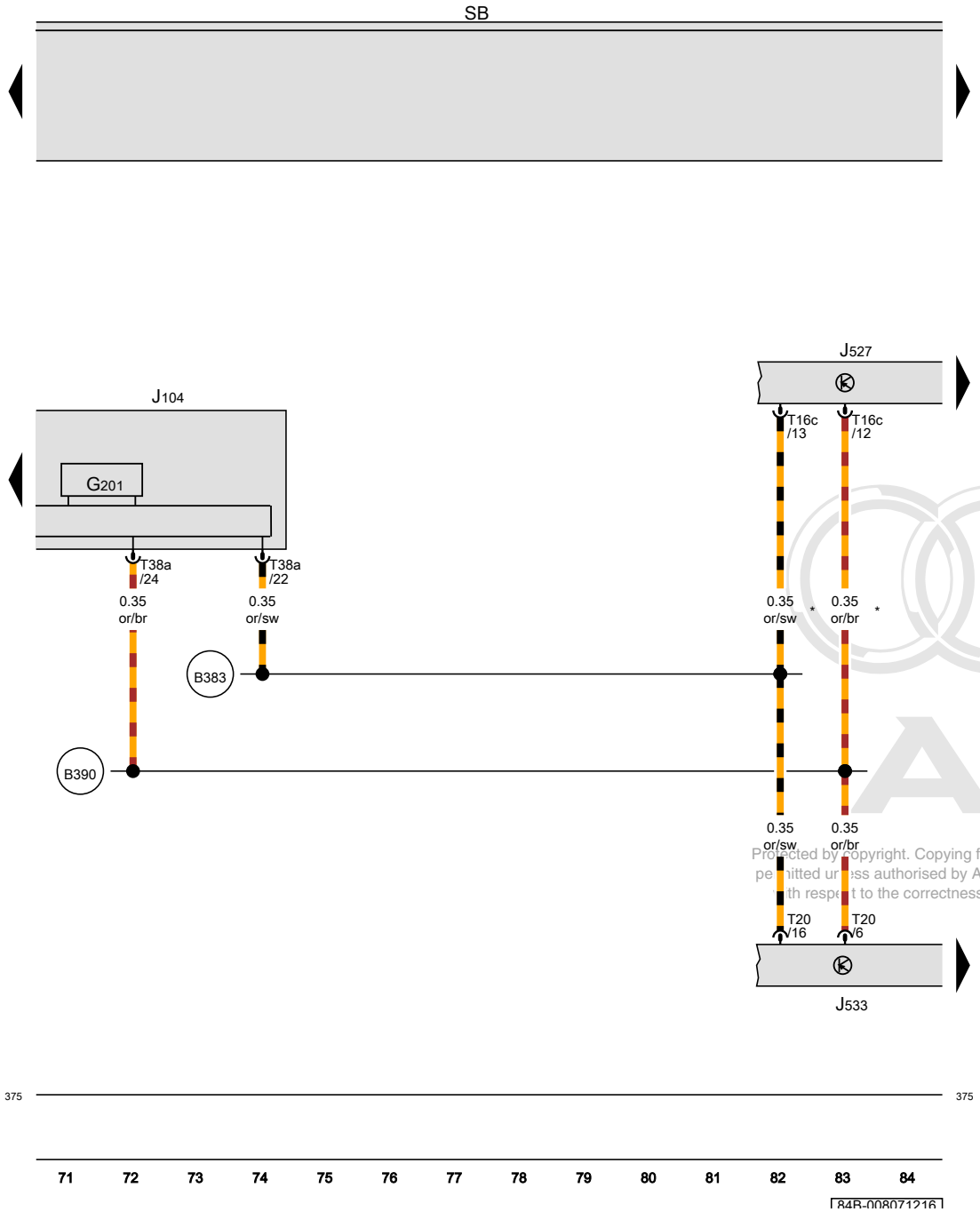


ABS control unit, Control unit for electromechanical parking brake, ABS hydraulic unit, Fuse holder B

G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
G608	Vacuum sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
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
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
SB	Fuse holder B
T30	30-pin connector
T38a	38-pin connector
375	Earth connection 10, in main wiring harness

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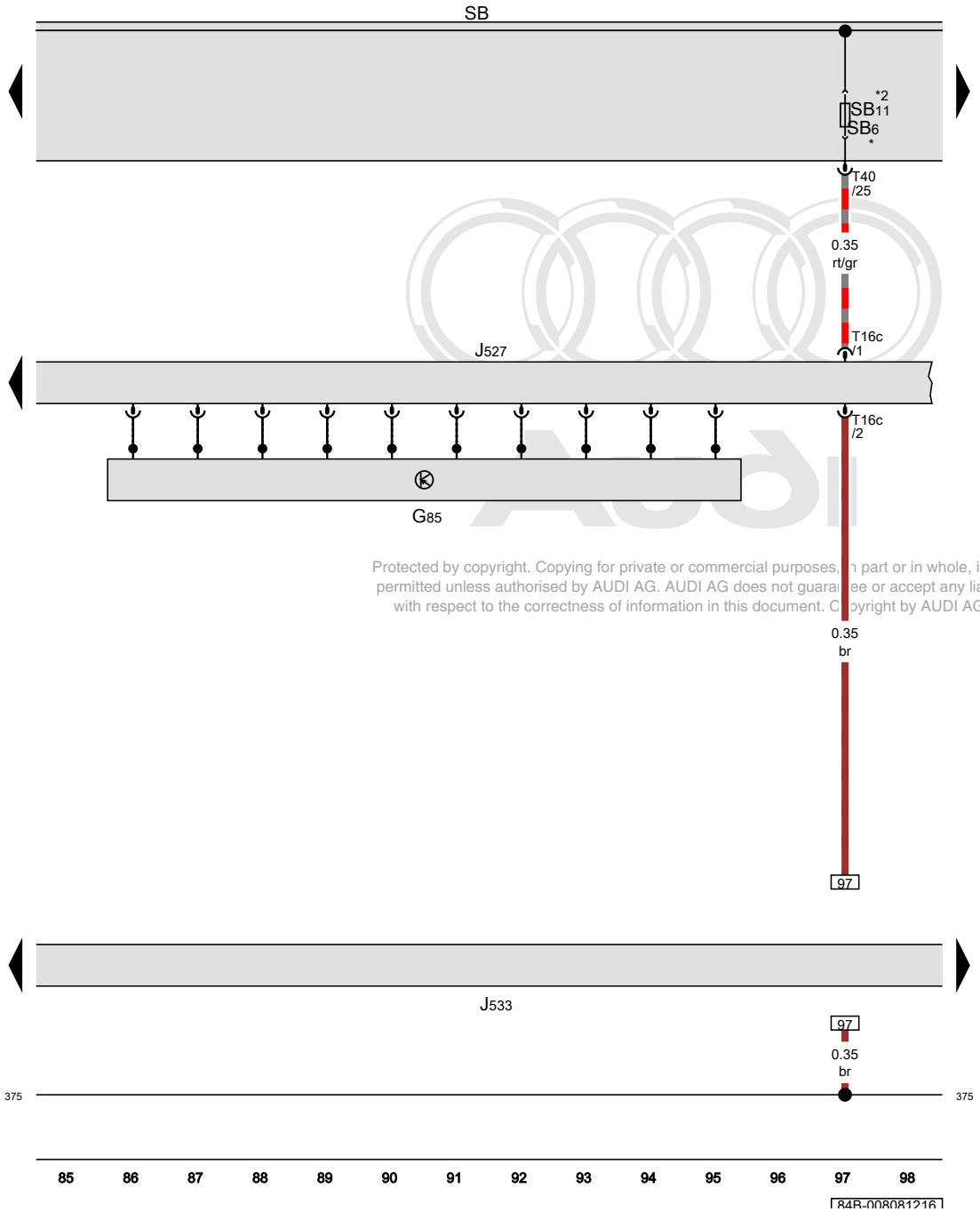


Brake pressure sender 1, ABS control unit, Steering column electronics control unit, Data bus diagnostic interface, Fuse holder B

G201	Brake pressure sender 1
J104	ABS control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
T16c	16-pin connector
T20	20-pin connector
T38a	38-pin connector
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only left-hand drive models

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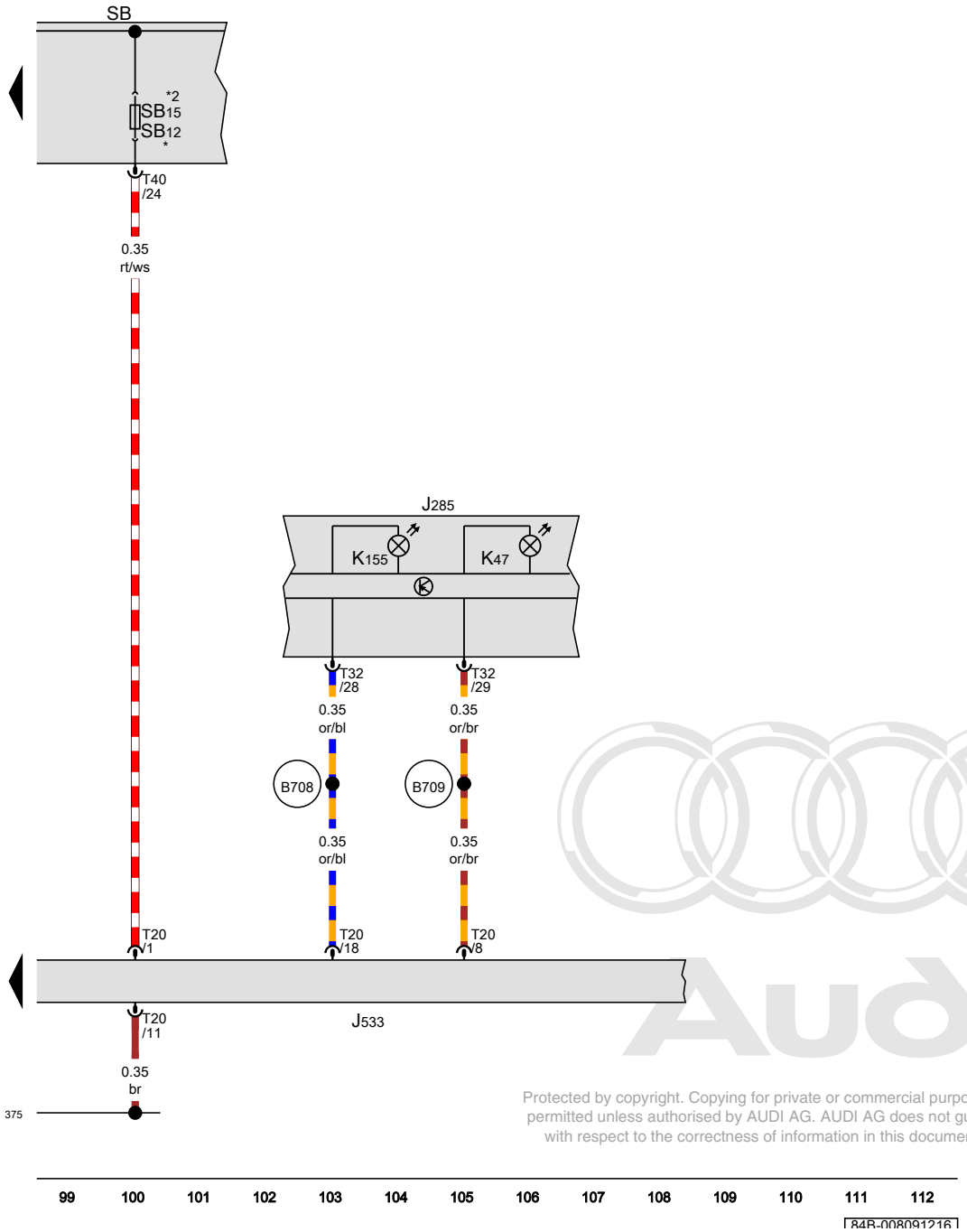


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Steering angle sender, Steering column electronics control unit, Data bus diagnostic interface, Fuse holder B

G85	Steering angle sender
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
*	Up to October 2012
*2	From November 2012

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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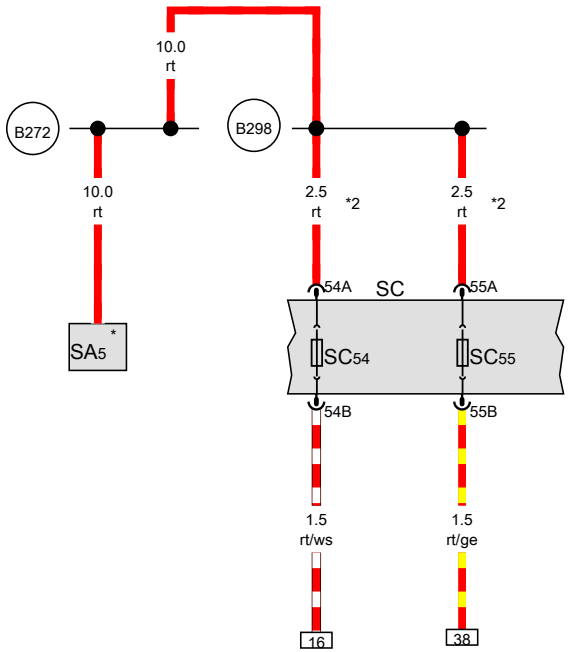
Control unit in dash panel insert, Data bus diagnostic interface, ABS warning lamp, Warning lamp for electronic stabilisation program and TCS, Fuse holder B

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K47	ABS warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
SB	Fuse holder B
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector
T32	32-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Up to October 2012
*2	From November 2012

Sliding sunroof (open-sky system)

From August 2011

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Fuse holder C

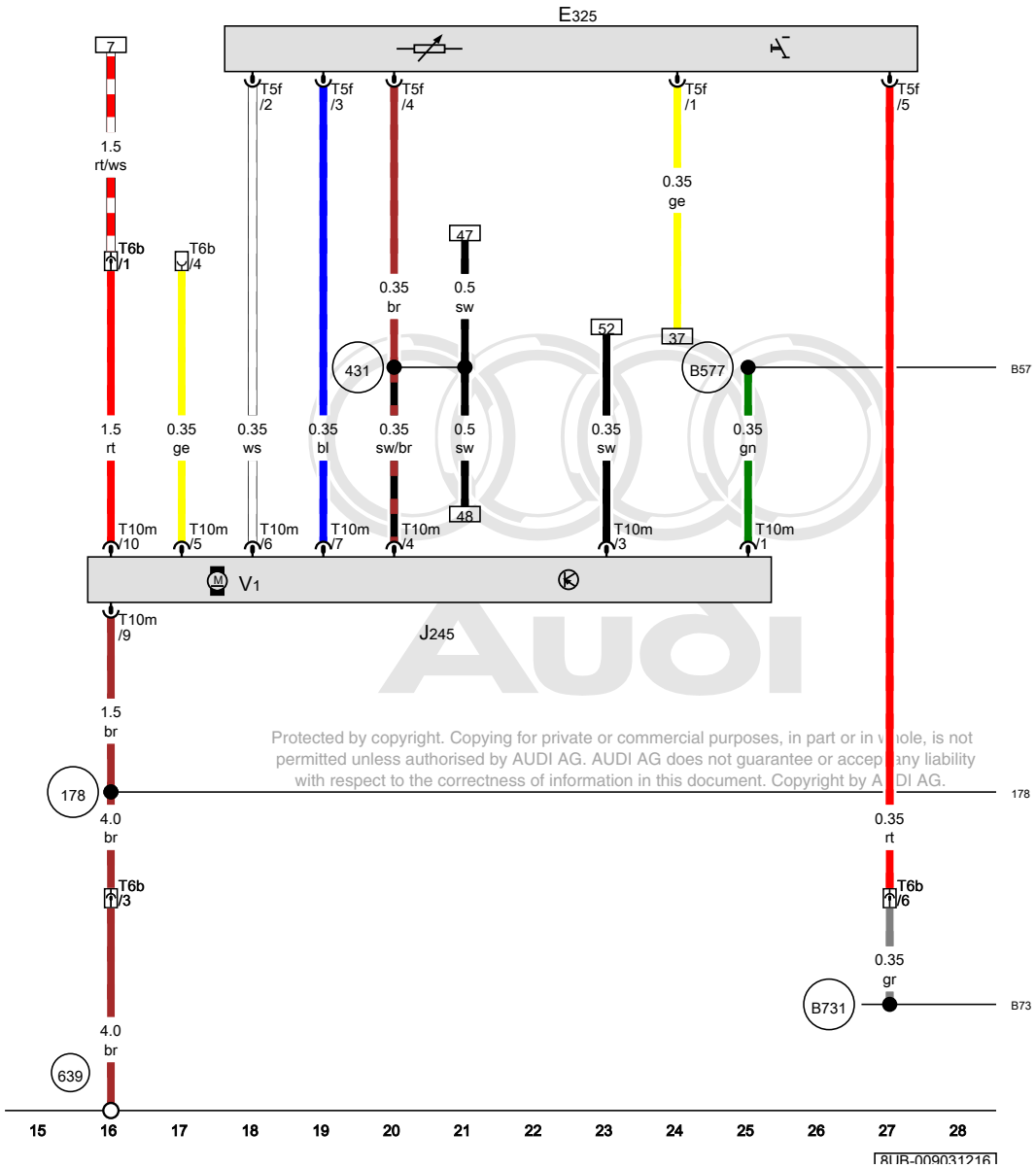
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for battery
*2	Cross section depends on equipment

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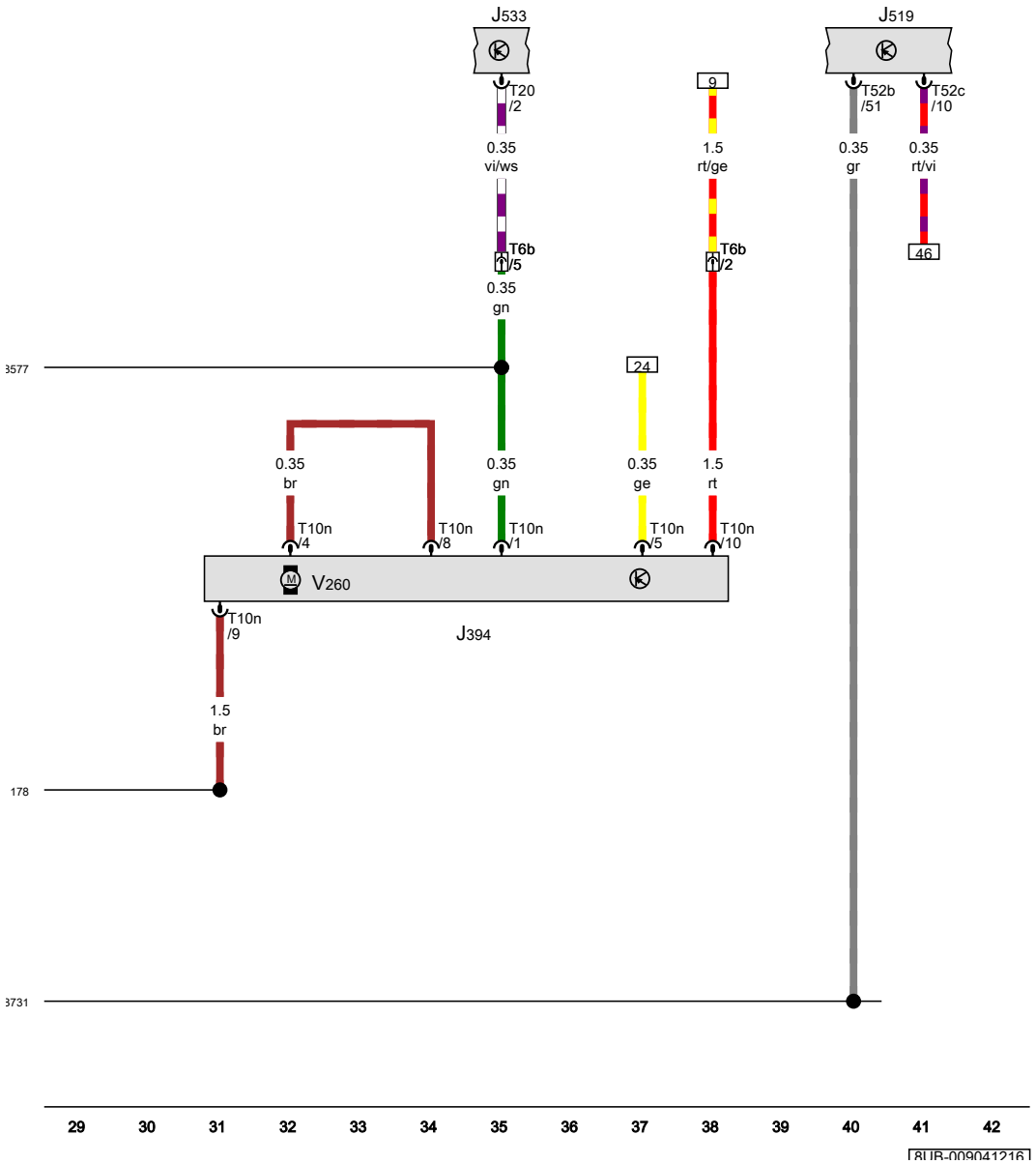
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sw = black
ro = red
rt = red
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gn = green
bl = blue
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vi = purple
ge = yellow
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rs = pink

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

E325	Sunroof button
J245	Sliding sunroof adjustment control unit
T5f	5-pin connector
T6b	6-pin connector
T10m	10-pin connector
V1	Sliding sunroof motor
178	Earth connection, in sliding sunroof wiring harness
431	Earth connection 2, in roof wiring harness
639	Earth point, left A-pillar
B577	LIN bus connection, in roof wiring harness
B731	Connection 1 (58s), in main wiring harness

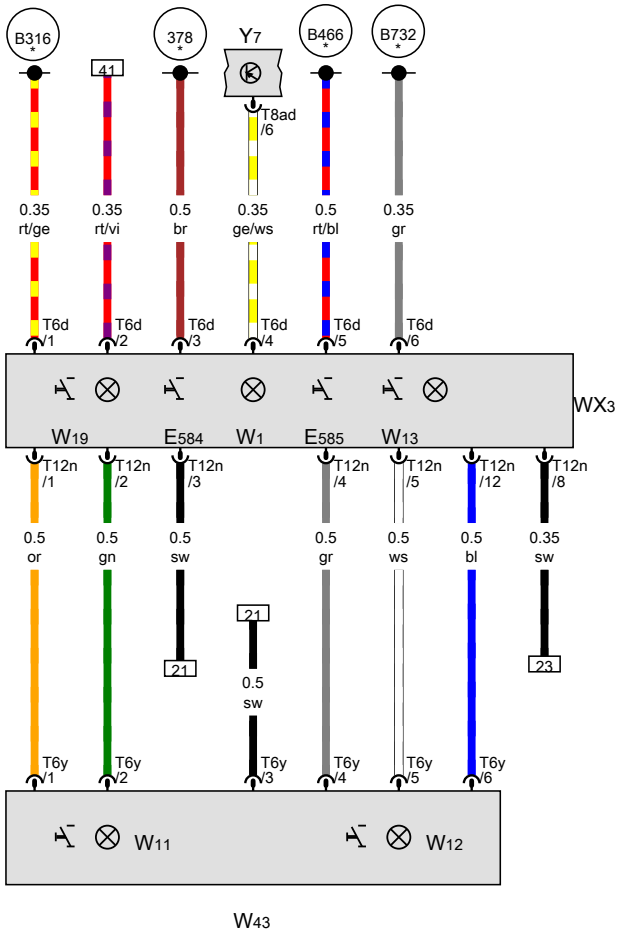
Sunroof roller blind control unit

J394	Sunroof roller blind control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T6b	6-pin connector
T10n	10-pin connector
T20	20-pin connector
T52b	52-pin connector
T52c	52-pin connector
V260	Sunroof roller blind motor
178	Earth connection, in sliding sunroof wiring harness
B577	LIN bus connection, in roof wiring harness
B731	Connection 1 (58s), in main wiring harness



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Front roof module, Rear interior light

E584	Button 1 for roof roller blind
E585	Button 2 for roof roller blind
T6d	6-pin connector
T6y	6-pin connector
T8ad	8-pin connector
T12n	12-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B466	Connection 2, in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	see applicable current flow diagram for convenience system

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ro	=	red
rt	=	red
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gn	=	green
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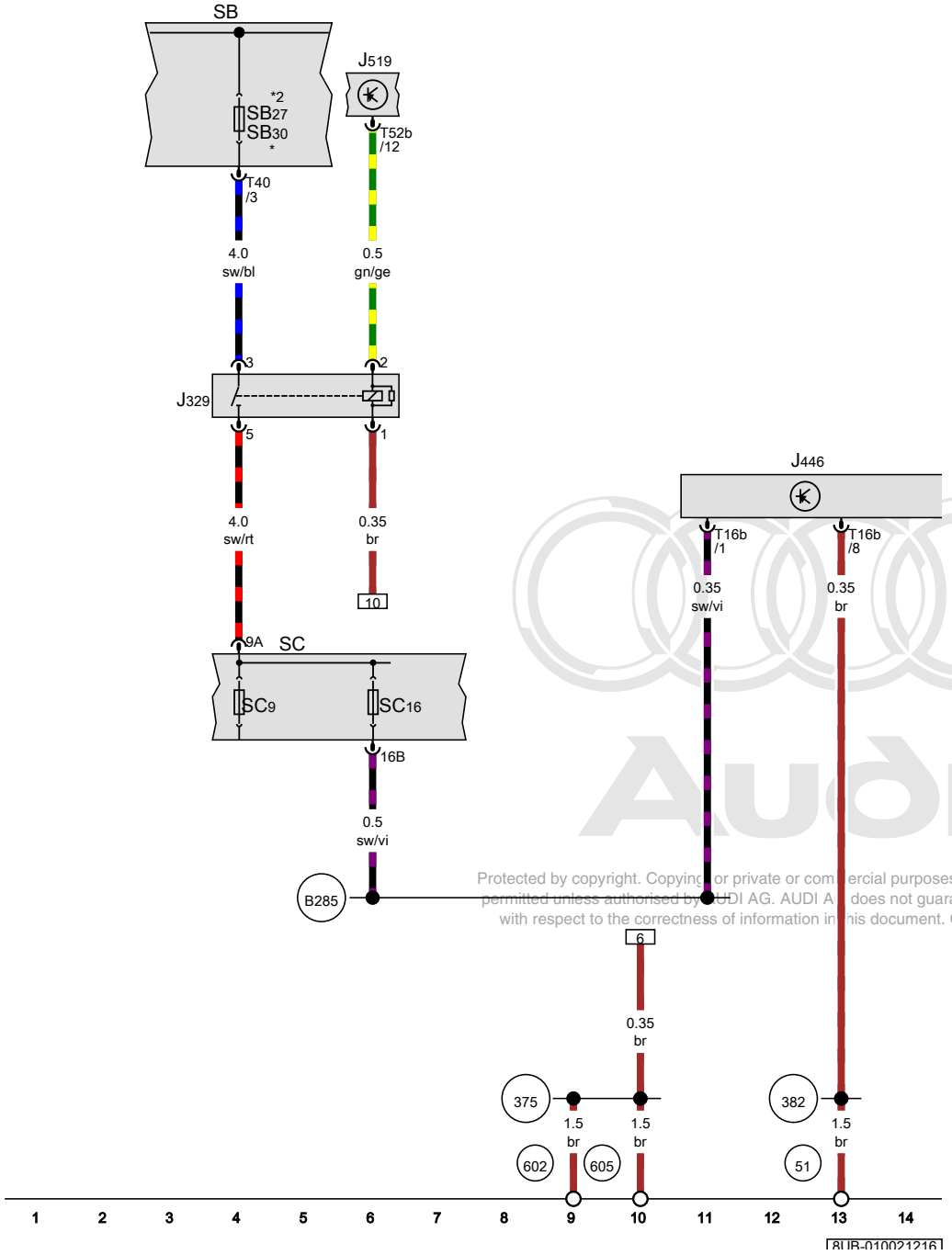
43 44 45 46 47 48 49 50 51 52 53 54 55 56

[8UB-009051216]

Rear parking aid (PDC) , (7X1)

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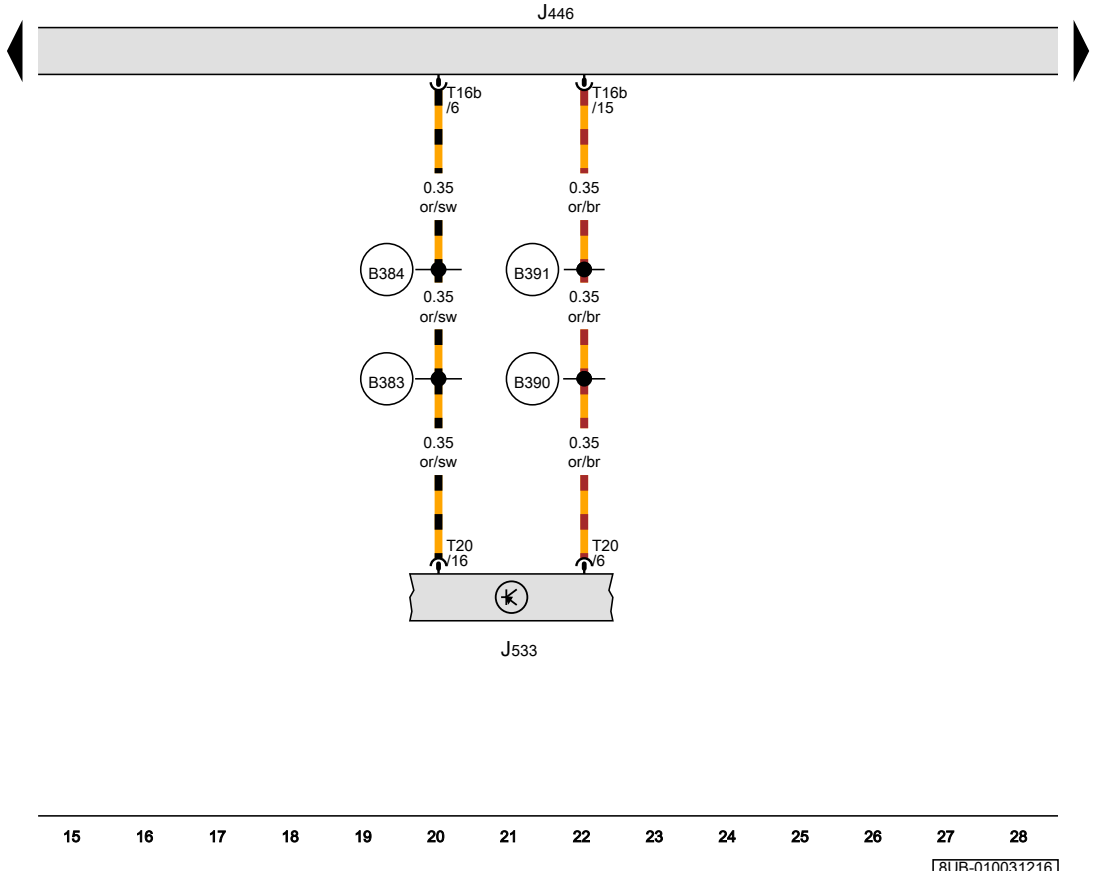
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ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Terminal 15 voltage supply relay, Parking aid control unit

J329	Terminal 15 voltage supply relay
J446	Parking aid control unit
J519	Onboard supply control unit
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T16b	16-pin connector
T40	40-pin connector
T52b	52-pin connector
51	Earth point, on right in luggage compartment
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2013

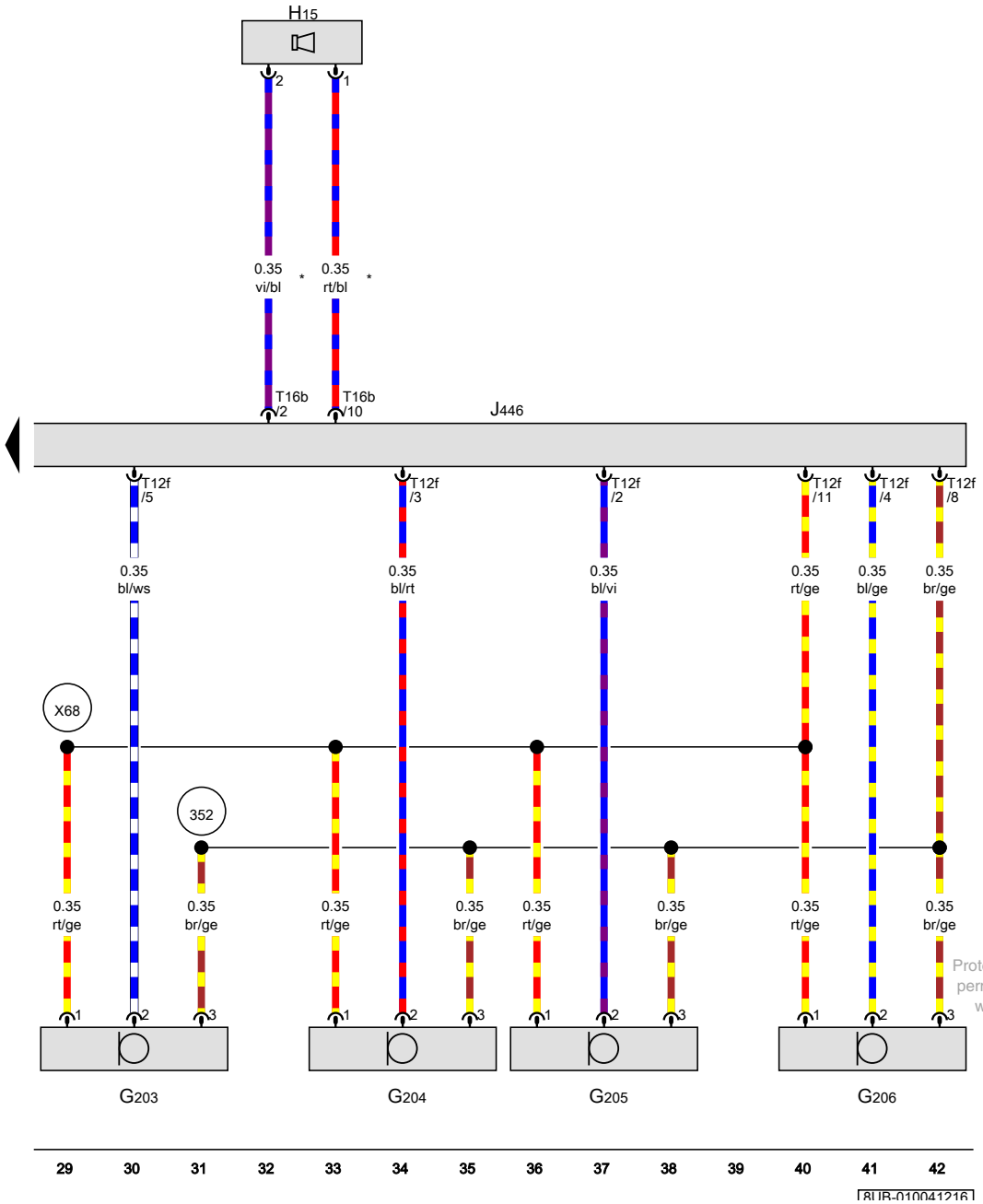
Parking aid control unit, Data bus diagnostic interface

J446	Parking aid control unit
J533	Data bus diagnostic interface
T16b	16-pin connector
T20	20-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



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

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Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J446	Parking aid control unit
T12f	12-pin connector
T16b	16-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness
*	Different wire colour possible

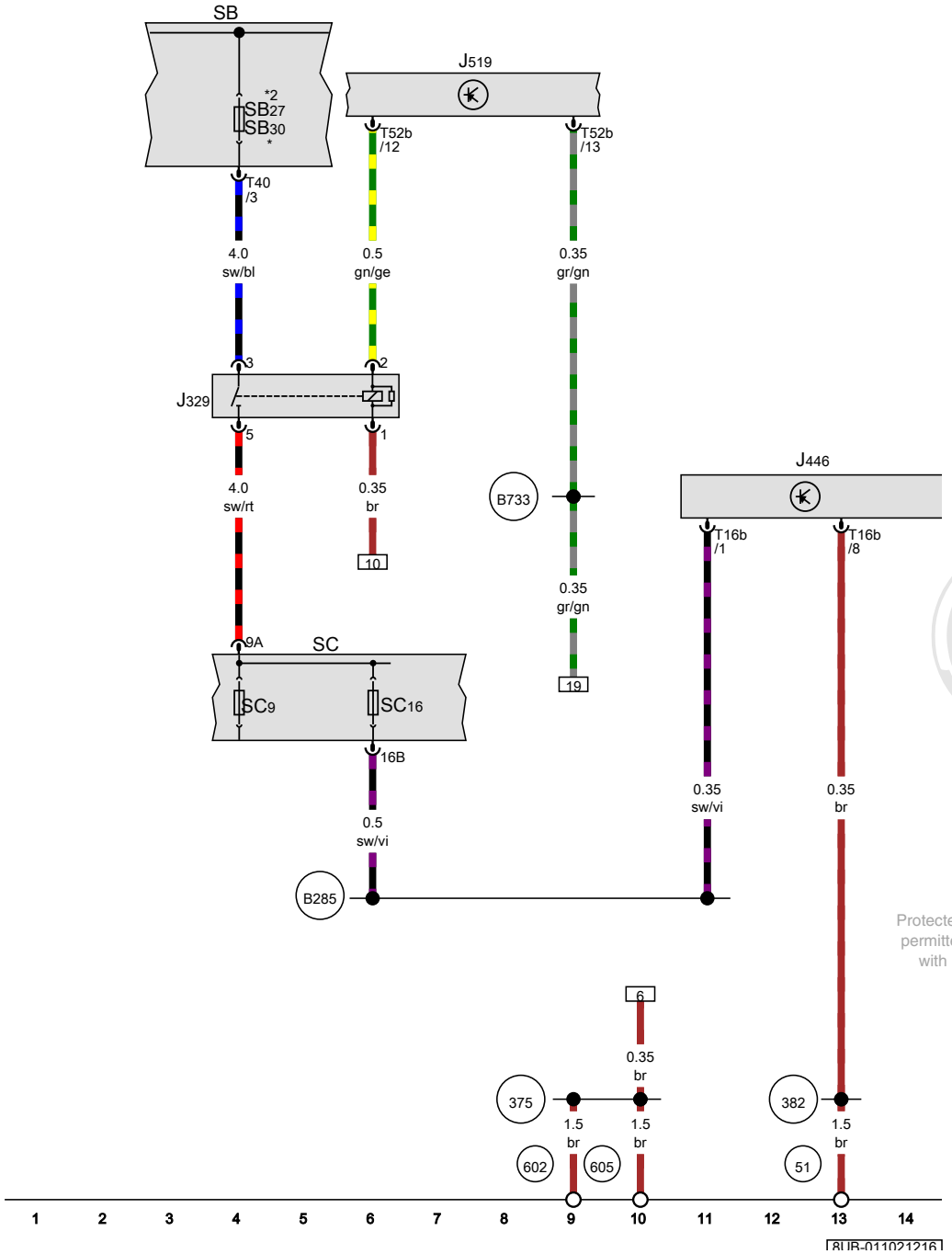
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Front and rear parking aid (PDC) , (7X4)

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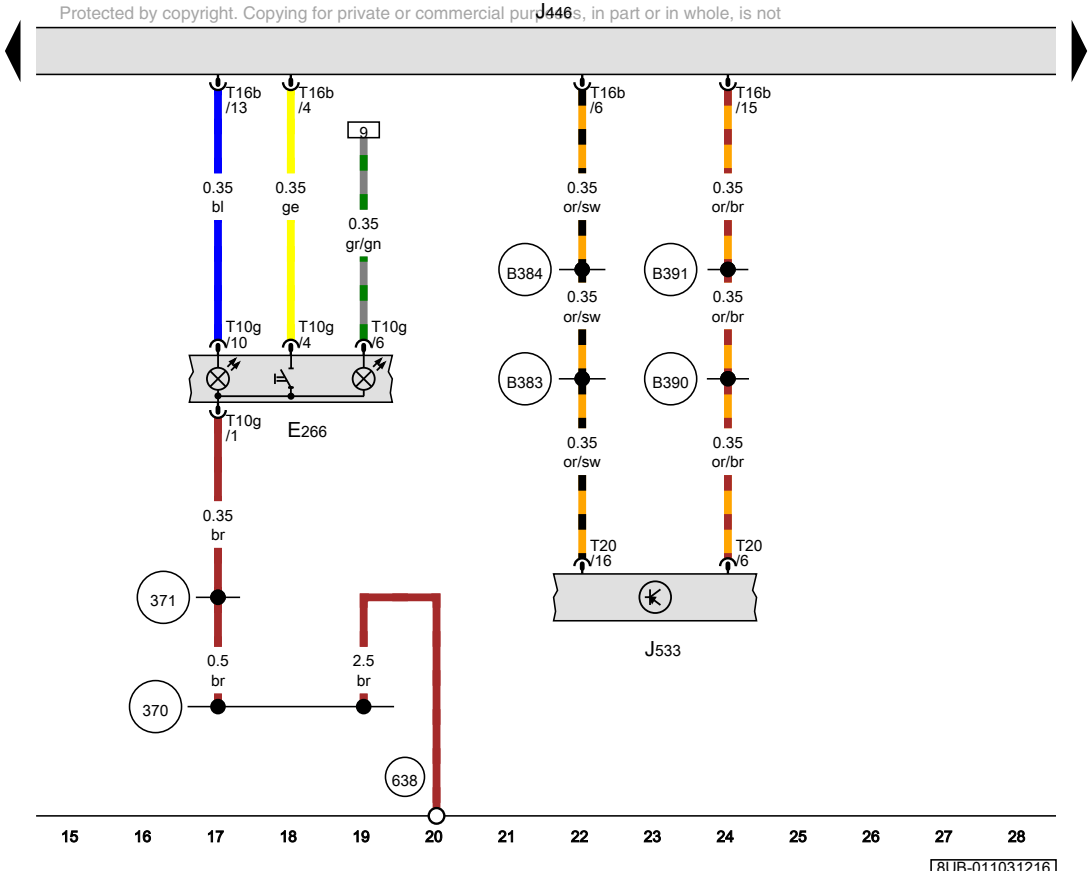
Terminal 15 voltage supply relay, Parking aid control unit

J329	Terminal 15 voltage supply relay
J446	Parking aid control unit
J519	Onboard supply control unit
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T16b	16-pin connector
T40	40-pin connector
T52b	52-pin connector
51	Earth point, on right in luggage compartment
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Up to October 2012
*2	From November 2012

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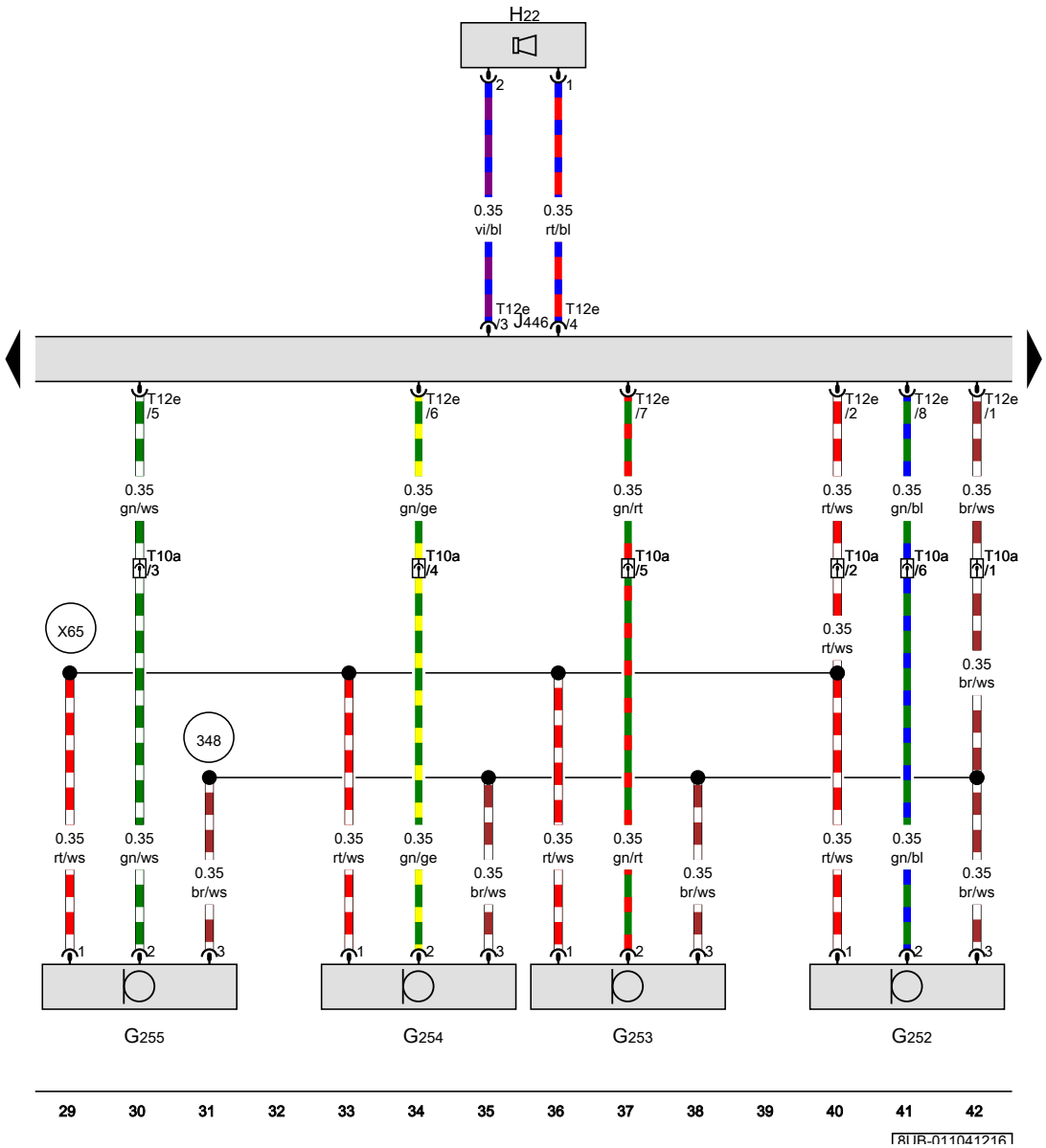
Parking aid button, Parking aid control unit, Data bus diagnostic interface

E266	Parking aid button
J446	Parking aid control unit
J533	Data bus diagnostic interface
T10g	10-pin connector
T16b	16-pin connector
T20	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, 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
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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or	=	orange
rs	=	pink

Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Parking aid control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
H22	Front parking aid warning buzzer
J446	Parking aid control unit
T10a	10-pin connector, near front bumper, in front bumper on left
T12e	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness

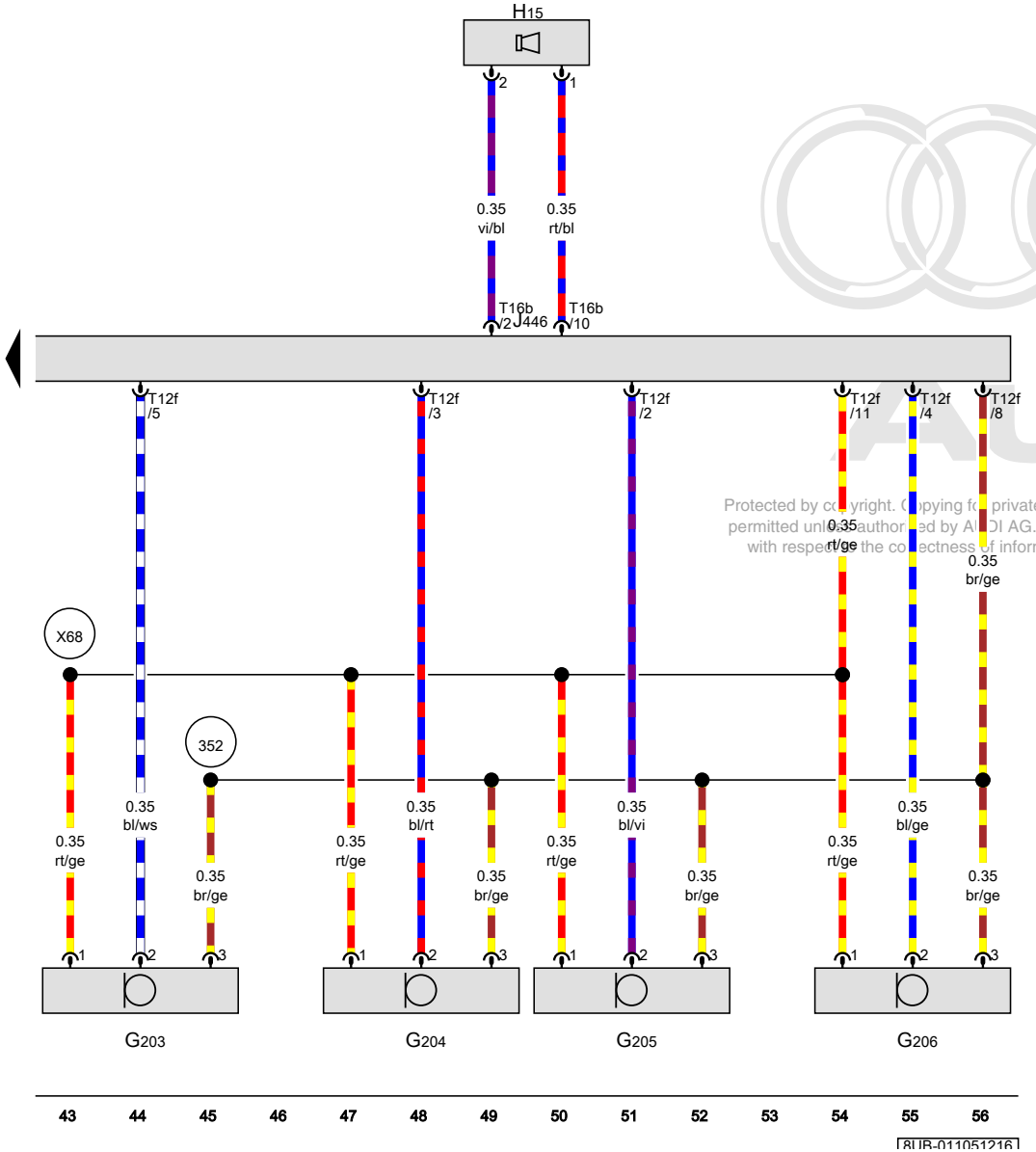


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Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit

G203	Rear left parking aid sender
G204	Rear centre left parking aid sender
G205	Rear centre right parking aid sender
G206	Rear right parking aid sender
H15	Rear parking aid warning buzzer
J446	Parking aid control unit
T12f	12-pin connector
T16b	16-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness



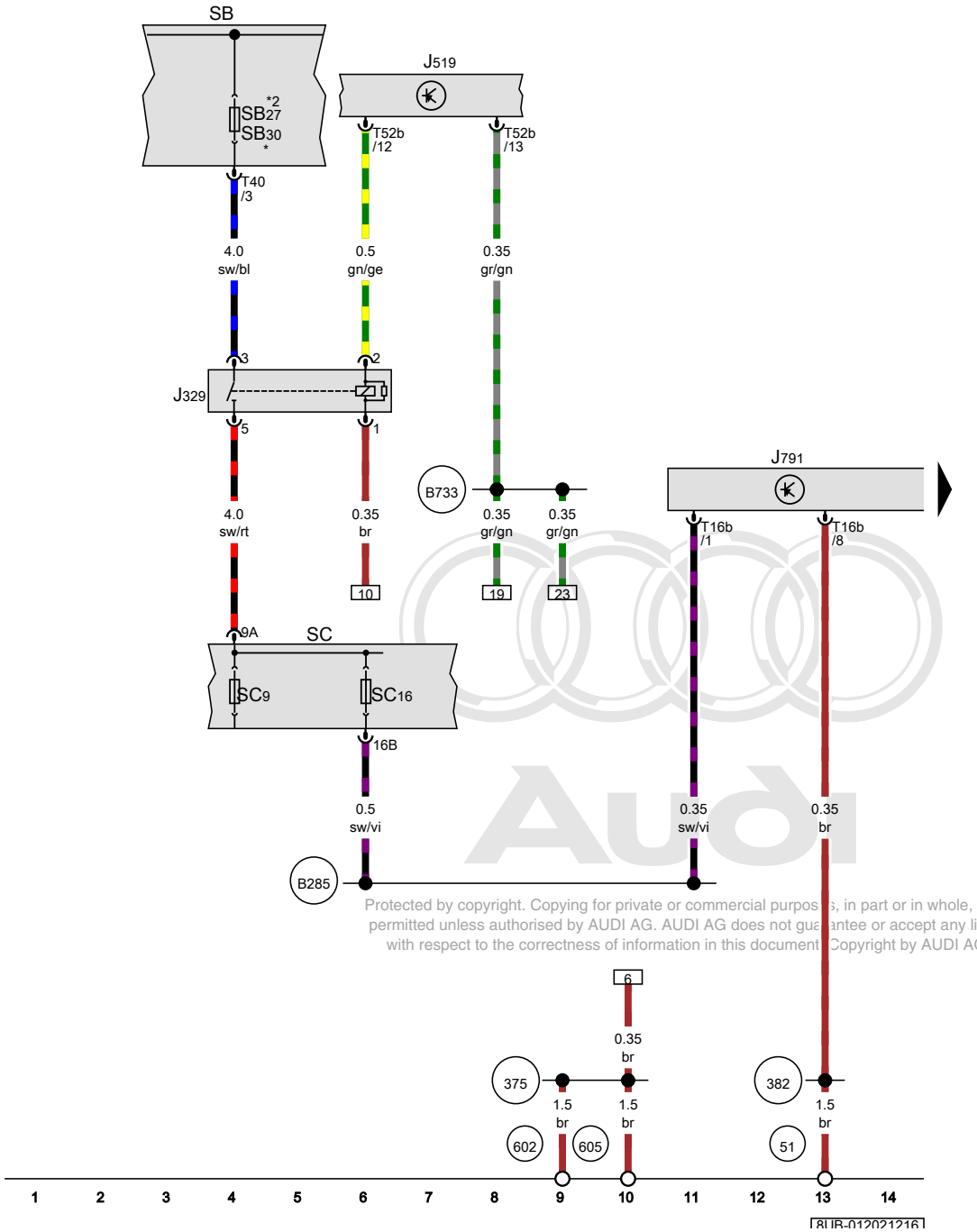
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Parking aid (PDC) with park assist steering (Park Assist) , (7X5),(7X6)

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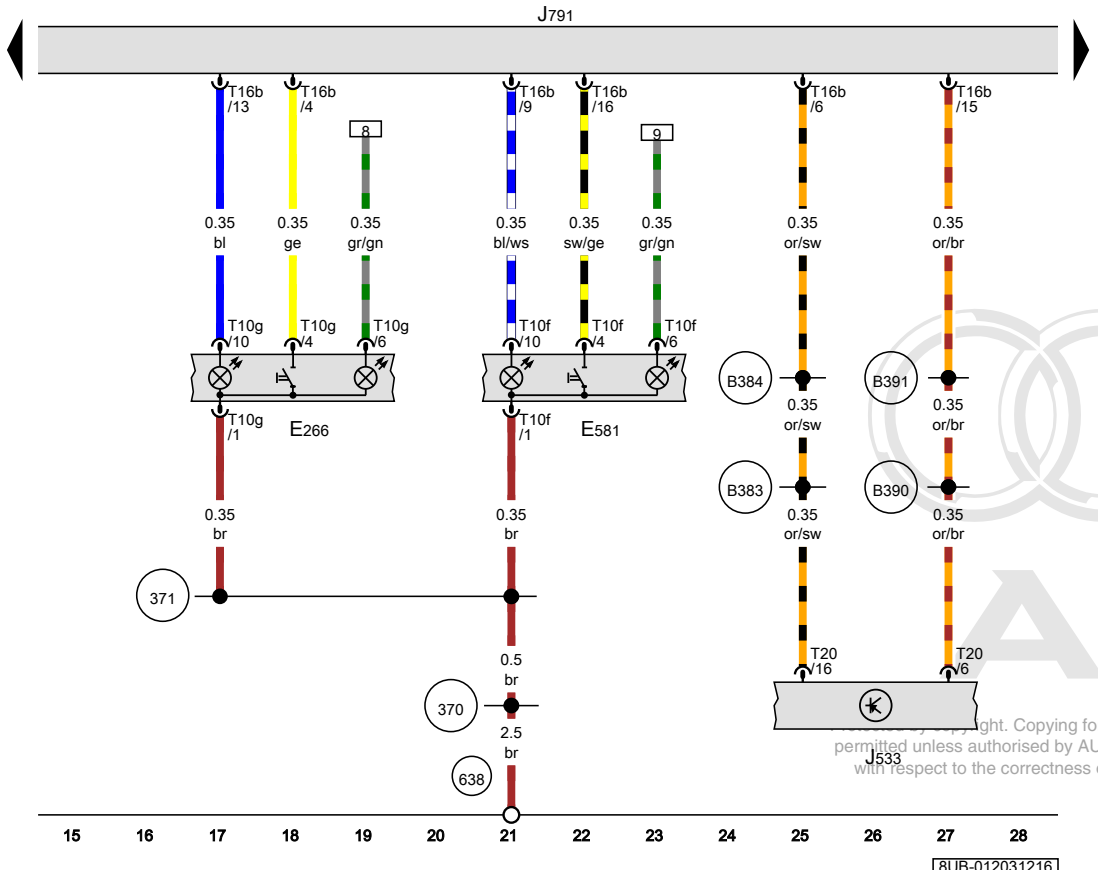
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Terminal 15 voltage supply relay, Park assist steering control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J791	Park assist steering control unit
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T16b	16-pin connector
T40	40-pin connector
T52b	52-pin connector
51	Earth point, on right in luggage compartment
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Up to October 2012
*2	From November 2012

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

E266	Parking aid button
E581	Park assist steering button
J533	Data bus diagnostic interface
J791	Park assist steering control unit
T10f	10-pin connector
T10g	10-pin connector
T16b	16-pin connector
T20	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, 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
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness

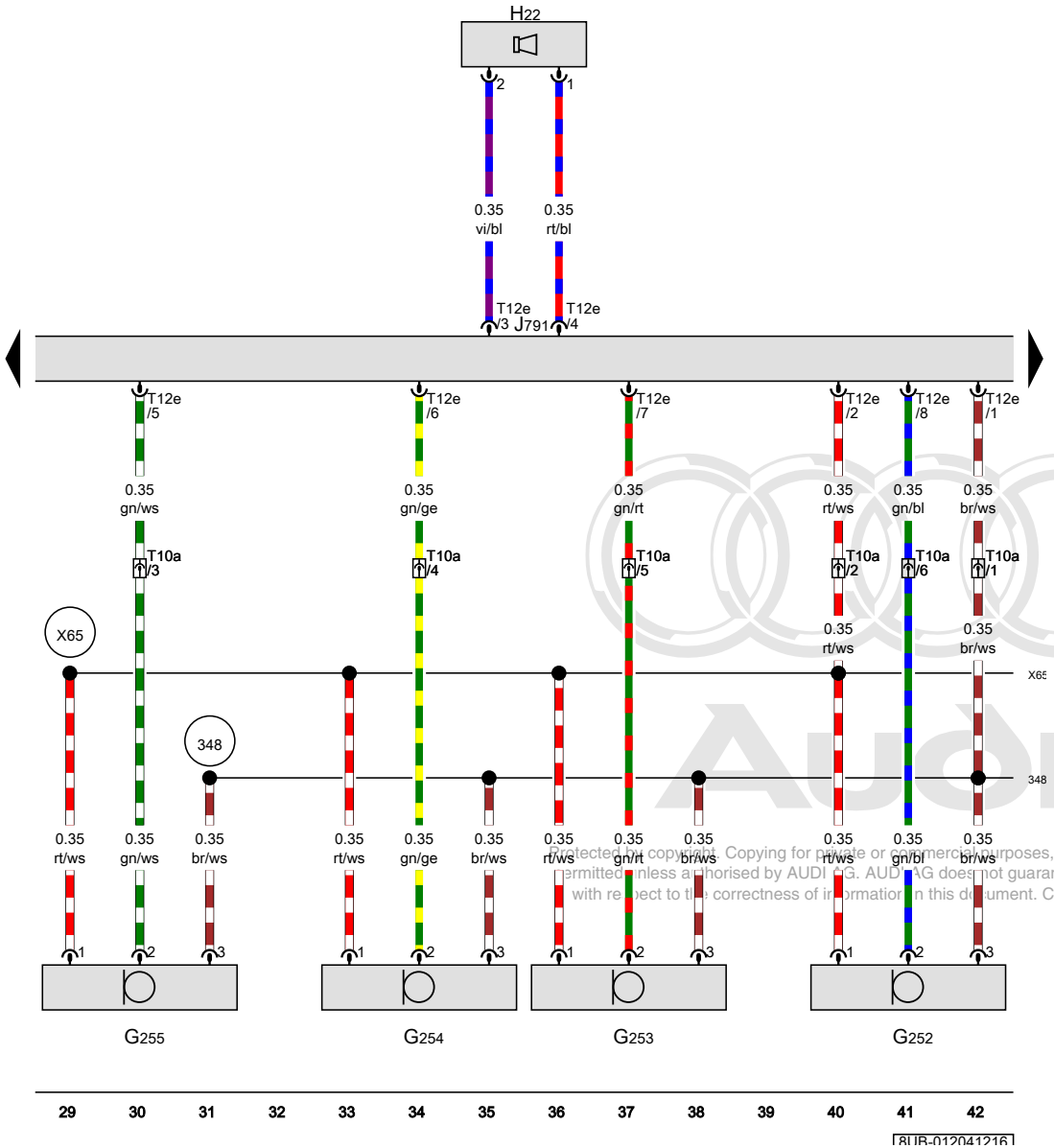


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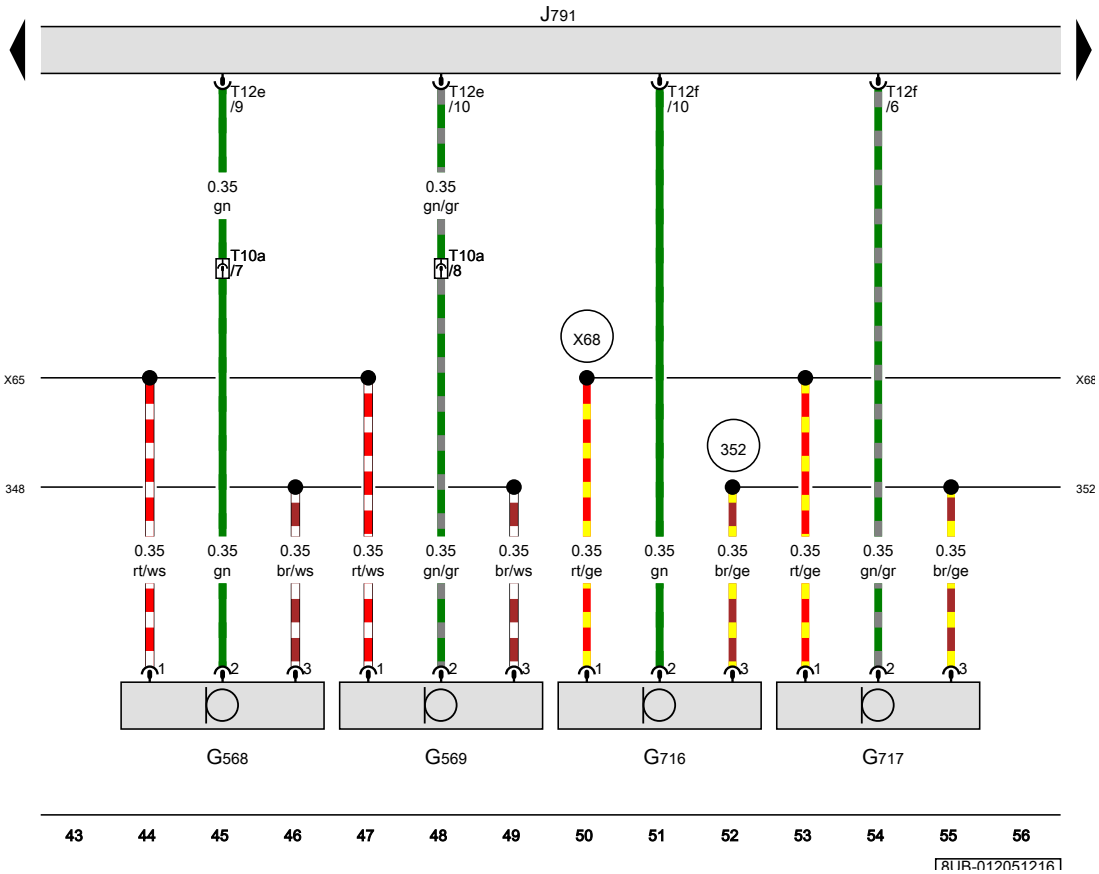
Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Park assist steering control unit

G252	Front right parking aid sender
G253	Front centre right parking aid sender
G254	Front centre left parking aid sender
G255	Front left parking aid sender
H22	Front parking aid warning buzzer
J791	Park assist steering control unit
T10a	10-pin connector, in front bumper on left
T12e	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness



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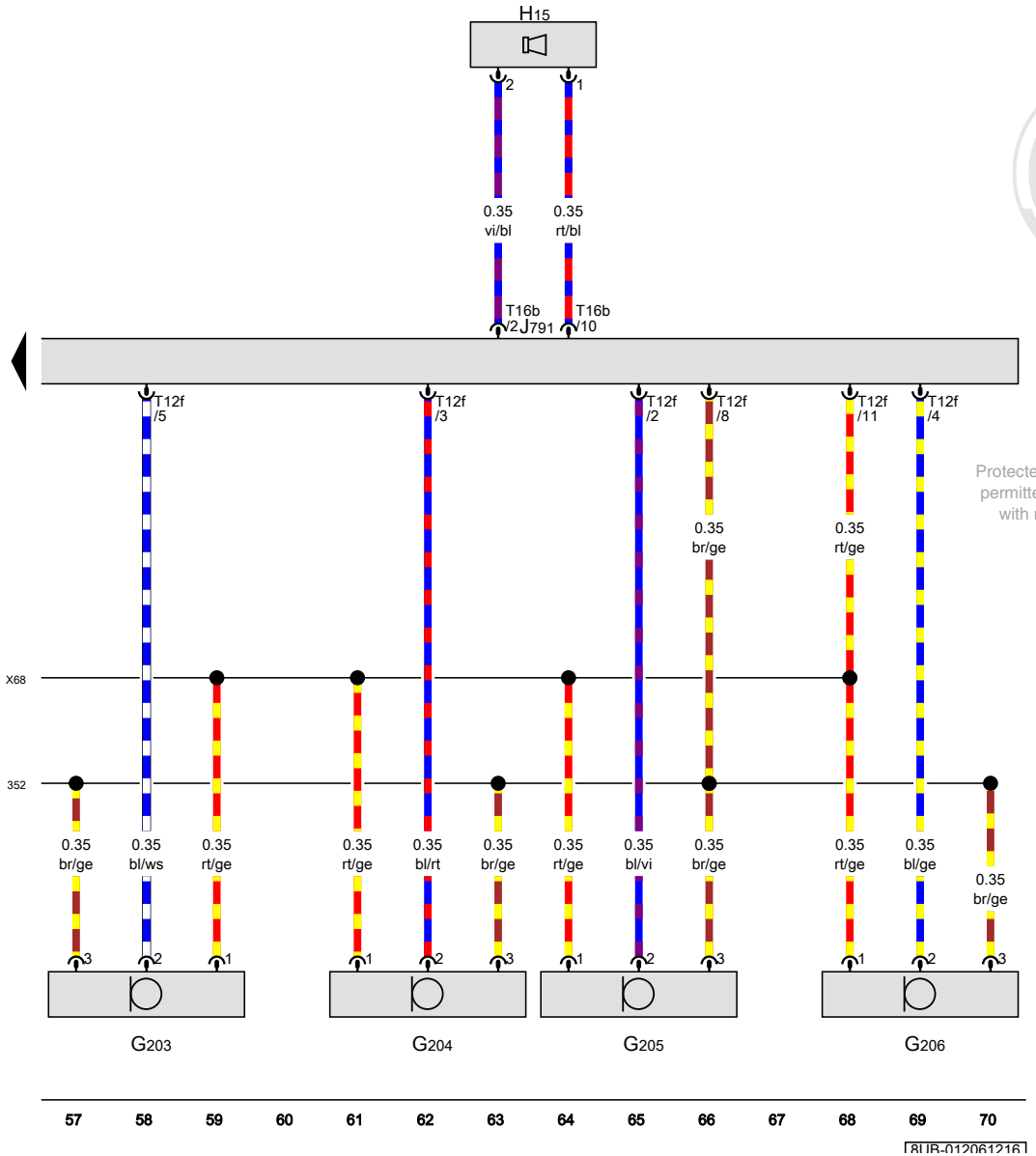
Front left sender for park assist steering on left side of vehicle, Front right sender for park assist steering on right side of vehicle, Rear left park assist steering sender, Rear right park assist steering sender, Park assist steering control unit

G568	Front left sender for park assist steering on left side of vehicle
G569	Front right sender for park assist steering on right side of vehicle
G716	Rear left park assist steering sender
G717	Rear right park assist steering sender
J791	Park assist steering control unit
T10a	10-pin connector, in front bumper on left
T12e	12-pin connector
T12f	12-pin connector
348	Earth connection (parking aid), in front bumper wiring harness
352	Earth connection (parking aid), in rear bumper wiring harness
X65	Connection (parking aid), in front bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness

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Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, 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
T12f	12-pin connector
T16b	16-pin connector
352	Earth connection (parking aid), in rear bumper wiring harness
X68	Positive connection (parking aid), in rear bumper wiring harness



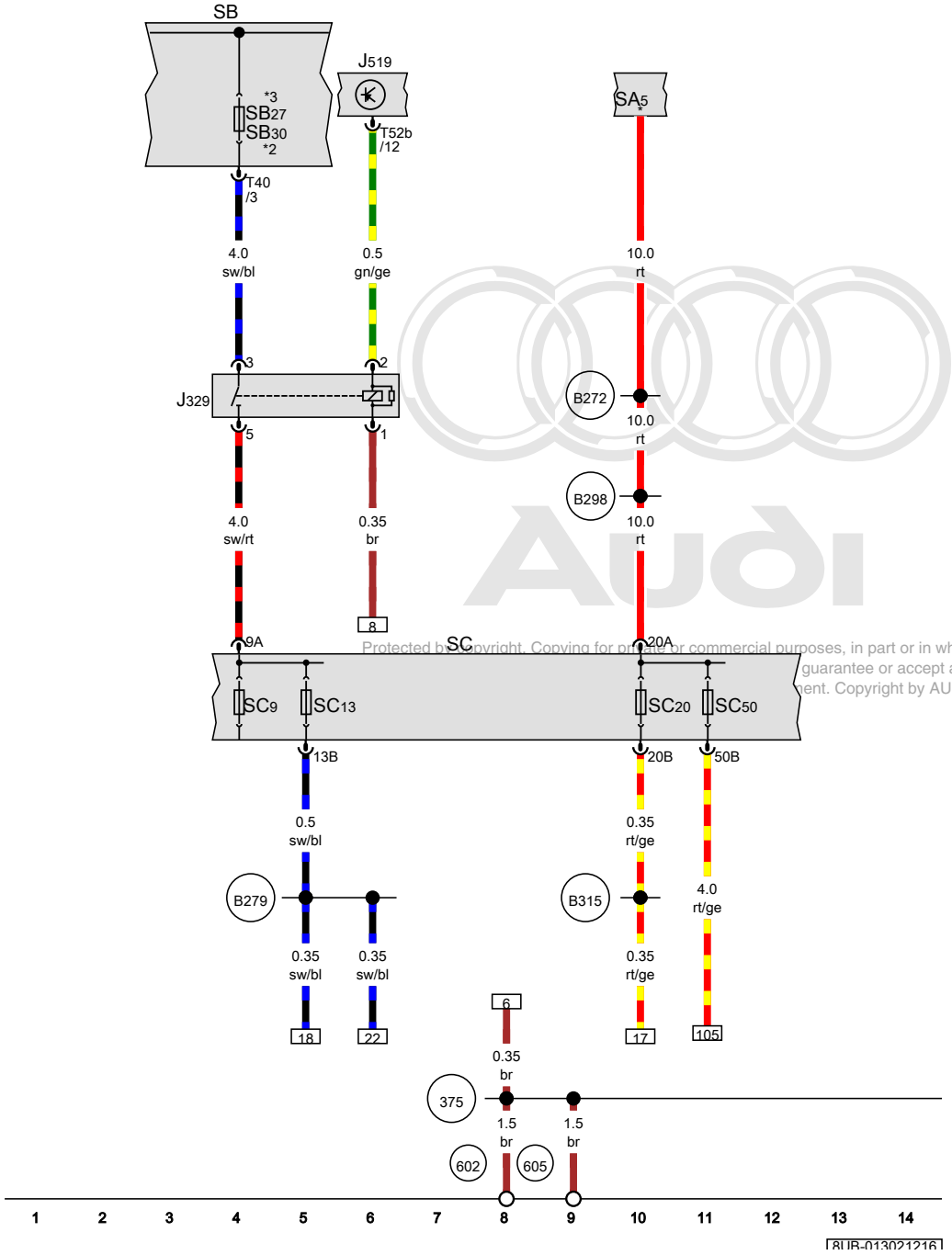
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Automatic air conditioning system , (9AK),(9AP)

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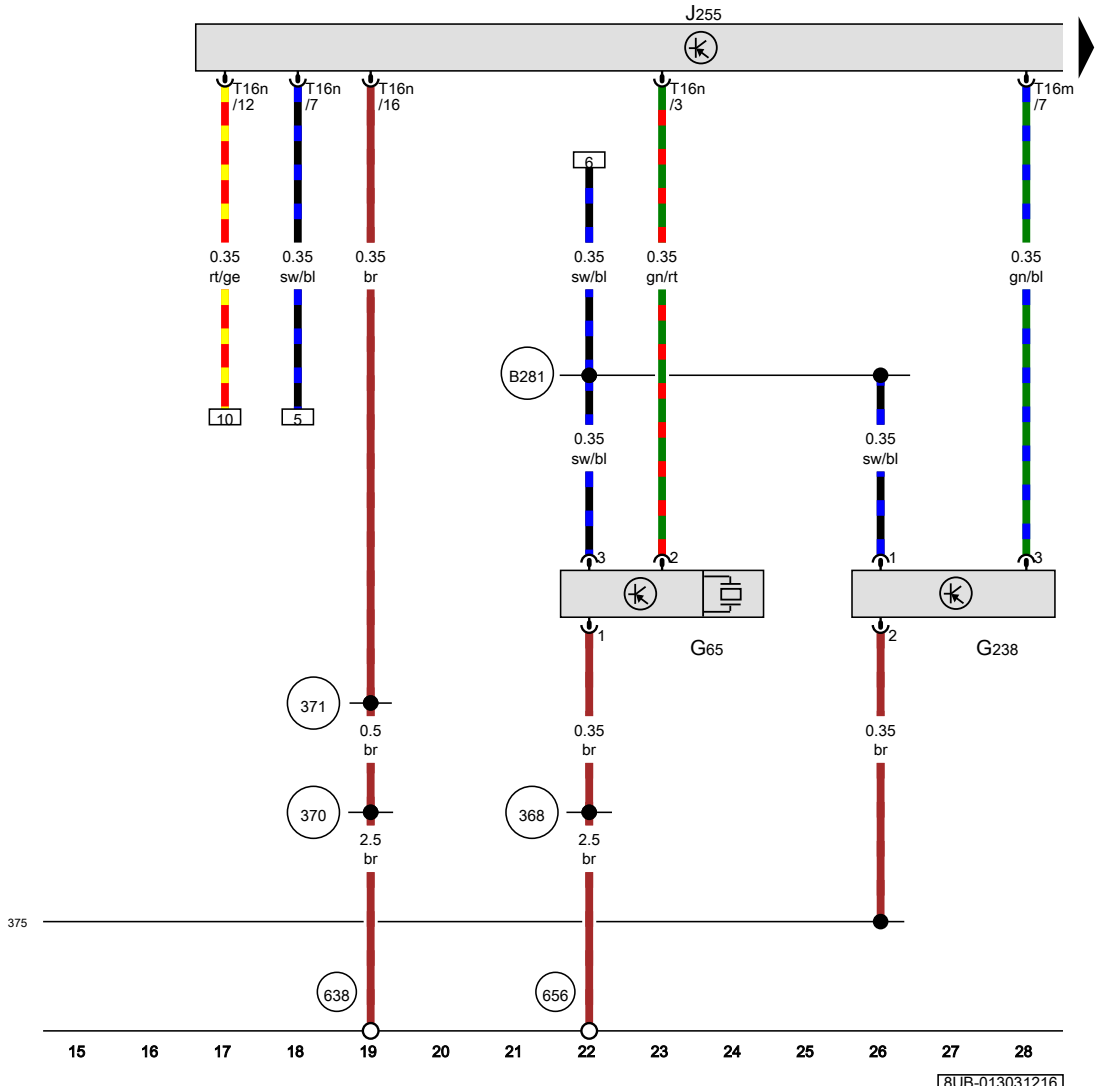


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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC50	Fuse 50 on fuse holder C
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Up to October 2012
*3	From November 2012



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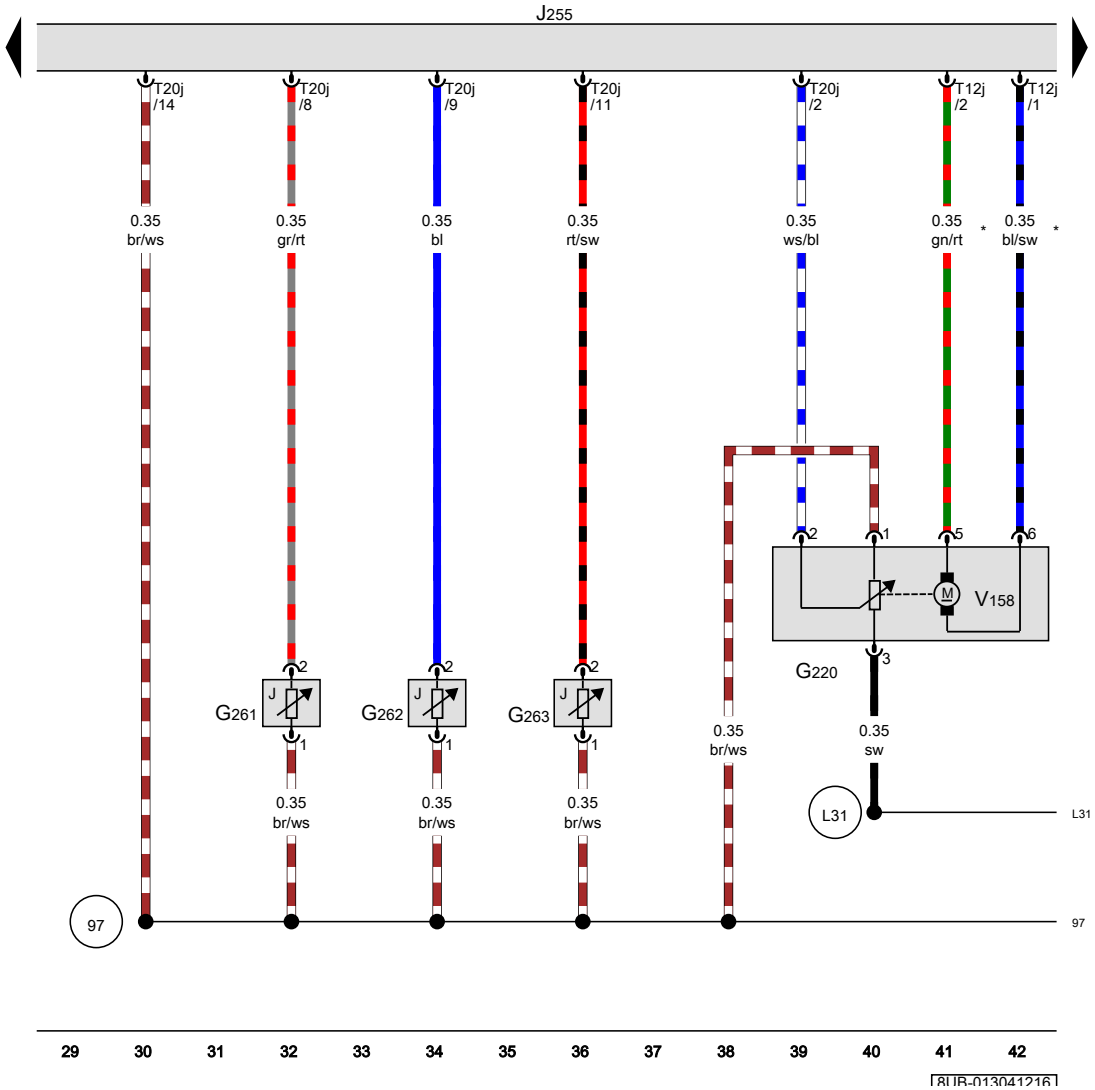
High-pressure sender, Air quality sensor, Climatronic control unit

G65	High-pressure sender
G238	Air quality sensor
J255	Climatronic control unit
T16m	16-pin connector
T16n	16-pin connector
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
656	Earth point, on right headlight
B281	Positive connection 5 (15a) in main wiring harness

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Potentiometer for left temperature flap control motor, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator output temperature sender, Climatronic control unit, Left temperature flap control motor

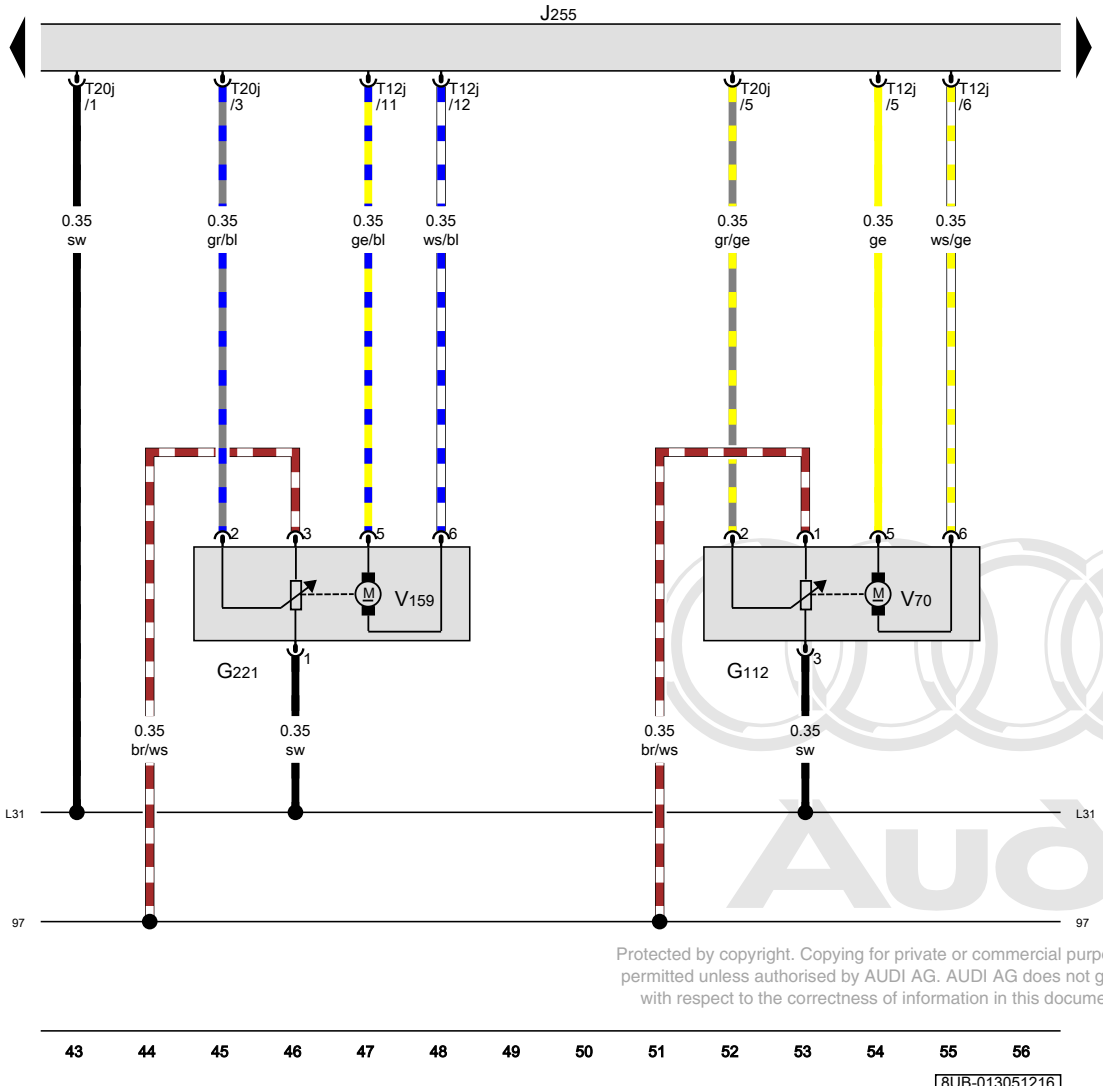
G220	Potentiometer for left temperature flap control motor
G261	Left footwell vent temperature sender
G262	Right footwell vent temperature sender
G263	Evaporator output temperature sender
J255	Climatronic control unit
T12j	12-pin connector
T20j	20-pin connector
V158	Left temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness
*	Wiring colour depends on equipment



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Potentiometer for centre flap control motor, Potentiometer for right temperature flap control motor, Climatronic control unit, Centre flap control motor, Right temperature flap control motor

G112	Potentiometer for centre flap control motor
G221	Potentiometer for right temperature flap control motor
J255	Climatronic control unit
T12j	12-pin connector
T20j	20-pin connector
V70	Centre flap control motor
V159	Right temperature flap control motor
97	Earth connection 1, in air conditioning system wiring harness
L31	Connection (5V), in air conditioning system wiring harness

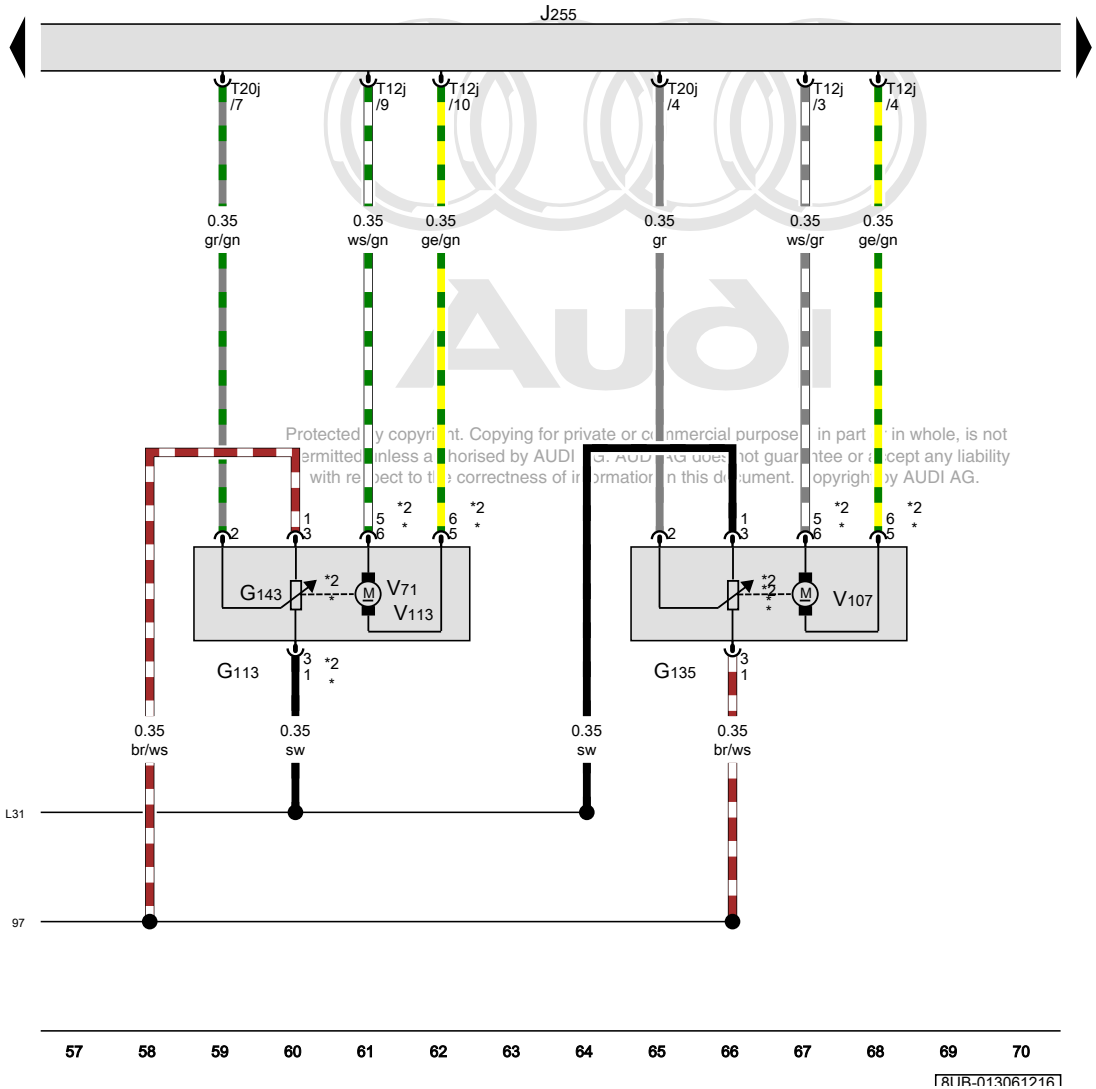


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Potentiometer for air flow flap control motor, Potentiometer for defroster flap control motor, Potentiometer for air recirculation flap control motor, Climatronic control unit, Air flow flap control motor, Defroster flap control motor, Air recirculation flap control motor

G113	Potentiometer for air flow flap control motor
G135	Potentiometer for defroster flap control motor
G143	Potentiometer for air recirculation flap control motor
J255	Climatronic control unit
T12j	12-pin connector
T20j	20-pin connector
V71	Air flow flap control motor
V107	Defroster flap control motor
V113	Air recirculation flap control motor
97	Earth 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

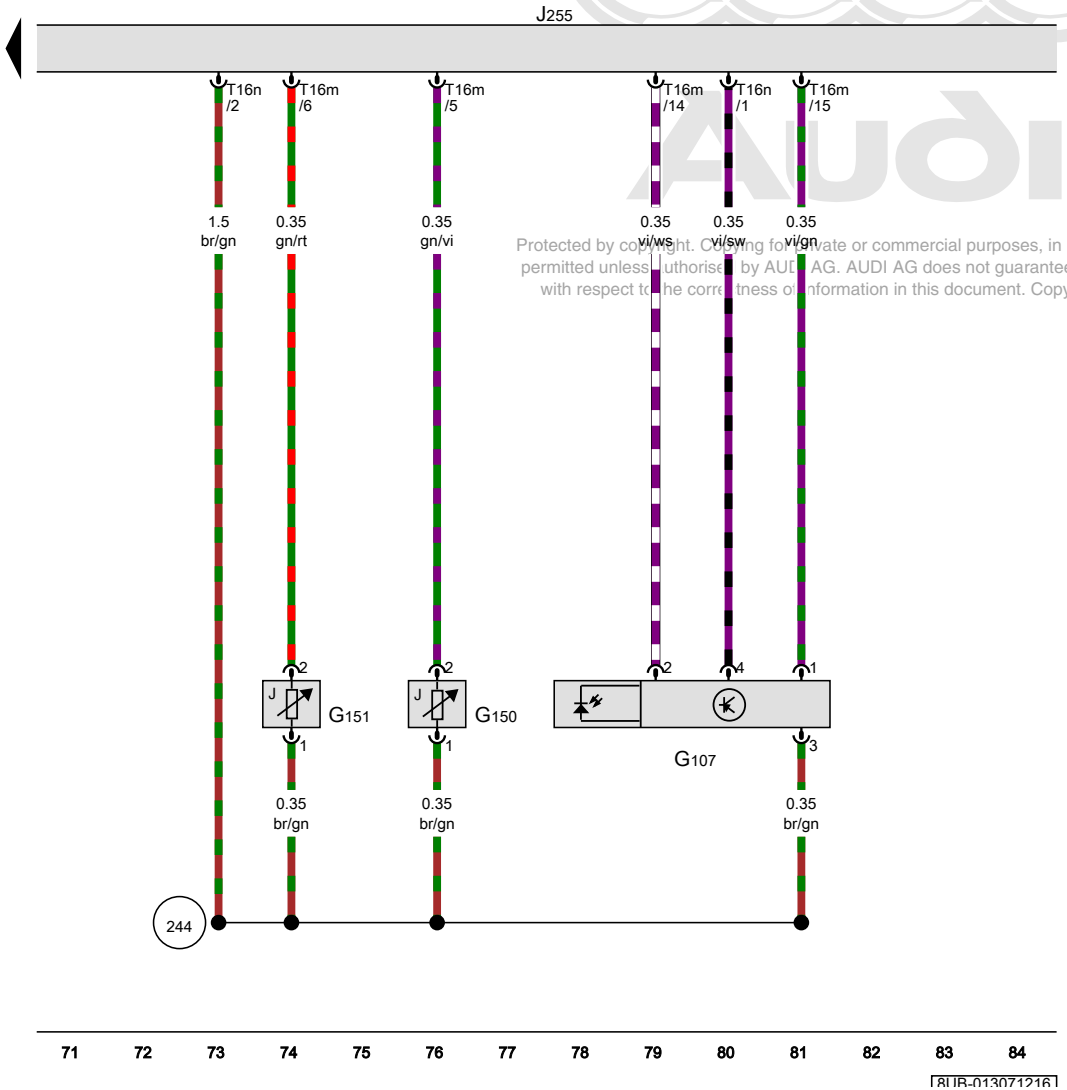


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Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Climatronic control unit

G107	Sunlight penetration photosensor
G150	Left vent temperature sender
G151	Right vent temperature sender
J255	Climatronic control unit
T16m	16-pin connector
T16n	16-pin connector
244	Earth connection (sender earth), in Climatronic wiring harness



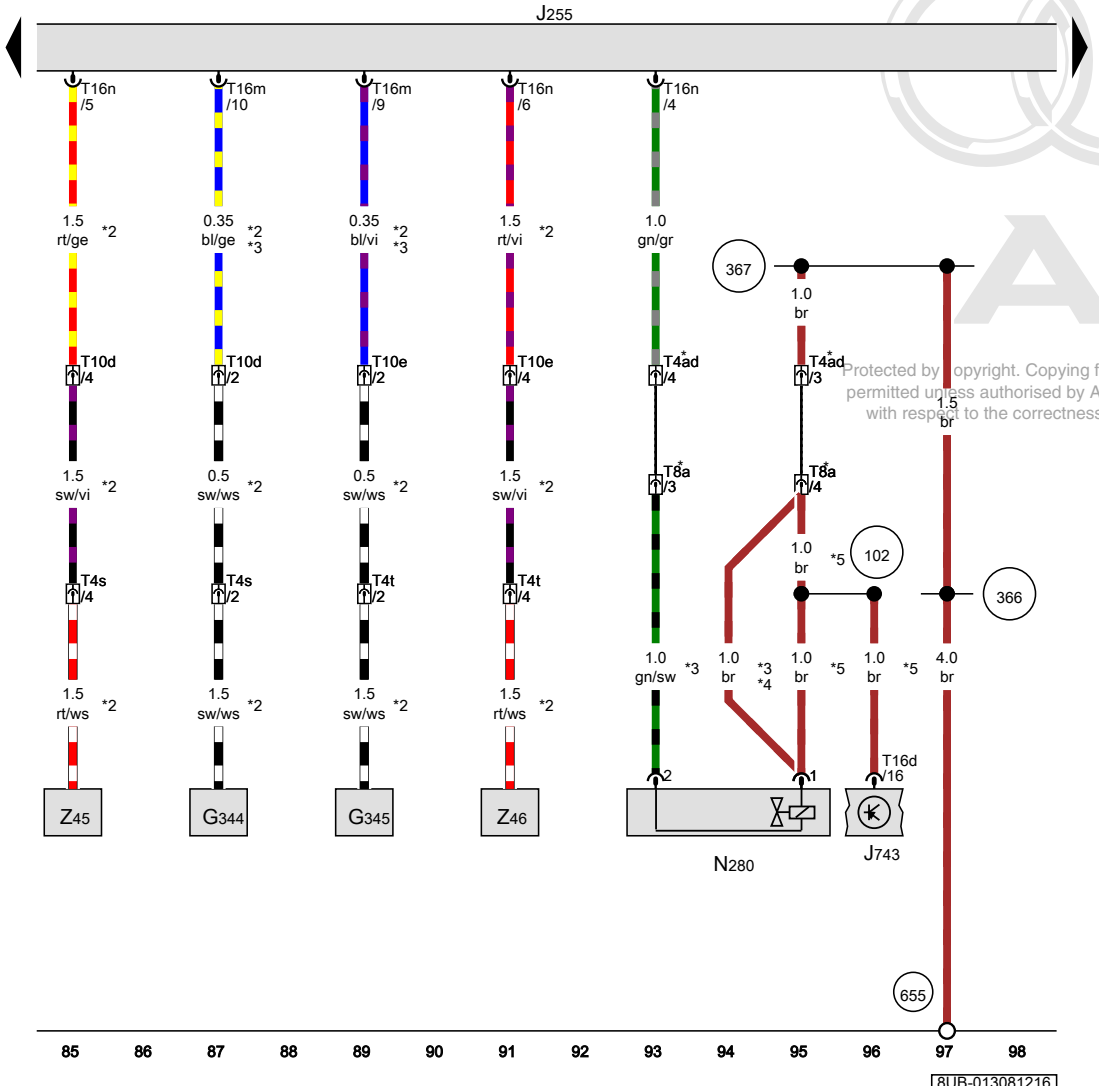
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Climatronic control unit, Air conditioner compressor regulating valve

G344	Front left seat temperature sender
G345	Front right seat temperature sender
J255	Climatronic control unit
J743	Mechatronic unit for dual clutch gearbox
N280	Air conditioner compressor regulating valve
T4ad	4-pin connector
T4s	4-pin connector
T4t	4-pin connector
T8a	8-pin connector, near front left longitudinal member
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T16d	16-pin connector
T16m	16-pin connector
T16n	16-pin connector
Z45	Heated seat cushion for front left seat
Z46	Heated seat cushion for front right seat
102	Earth connection, in gearbox wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight

* According to equipment
*2 Only models with seat heating
*3 Wiring colour depends on equipment
*4 Not for models with 2.5l petrol engine
*5 Only models with 2.5l petrol engine

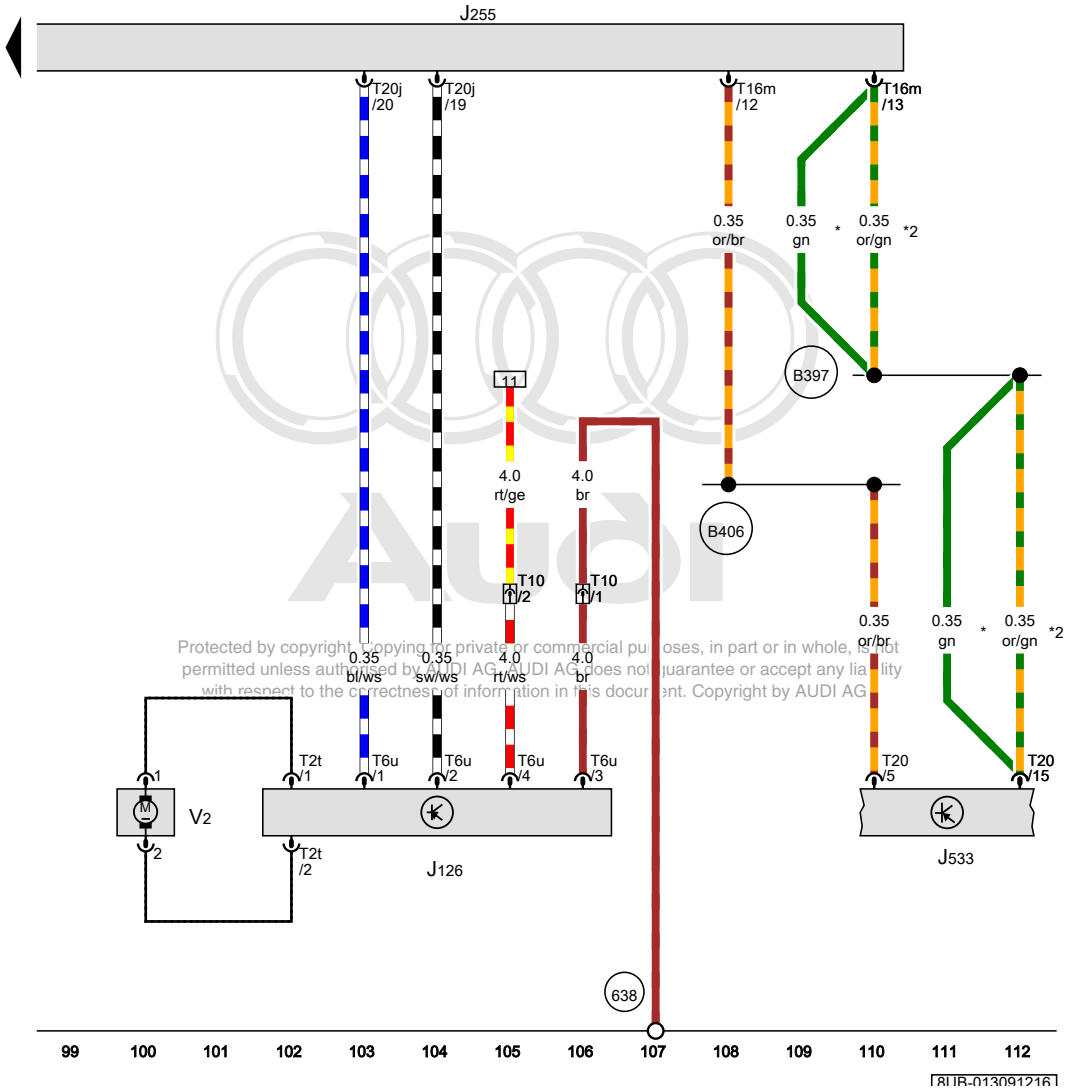


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ge	=	yellow
or	=	orange
rs	=	pink

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Fresh air blower control unit, Climatronic control unit, Data bus diagnostic interface, Fresh air blower

J126	Fresh air blower control unit
J255	Climatronic control unit
J533	Data bus diagnostic interface
T2t	2-pin connector
T6u	6-pin connector
T10	10-pin connector, on fresh air blower
T16m	16-pin connector
T20	20-pin connector
T20j	20-pin connector
V2	Fresh air blower
638	Earth point, on right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From November 2016
*2	Up to October 2016



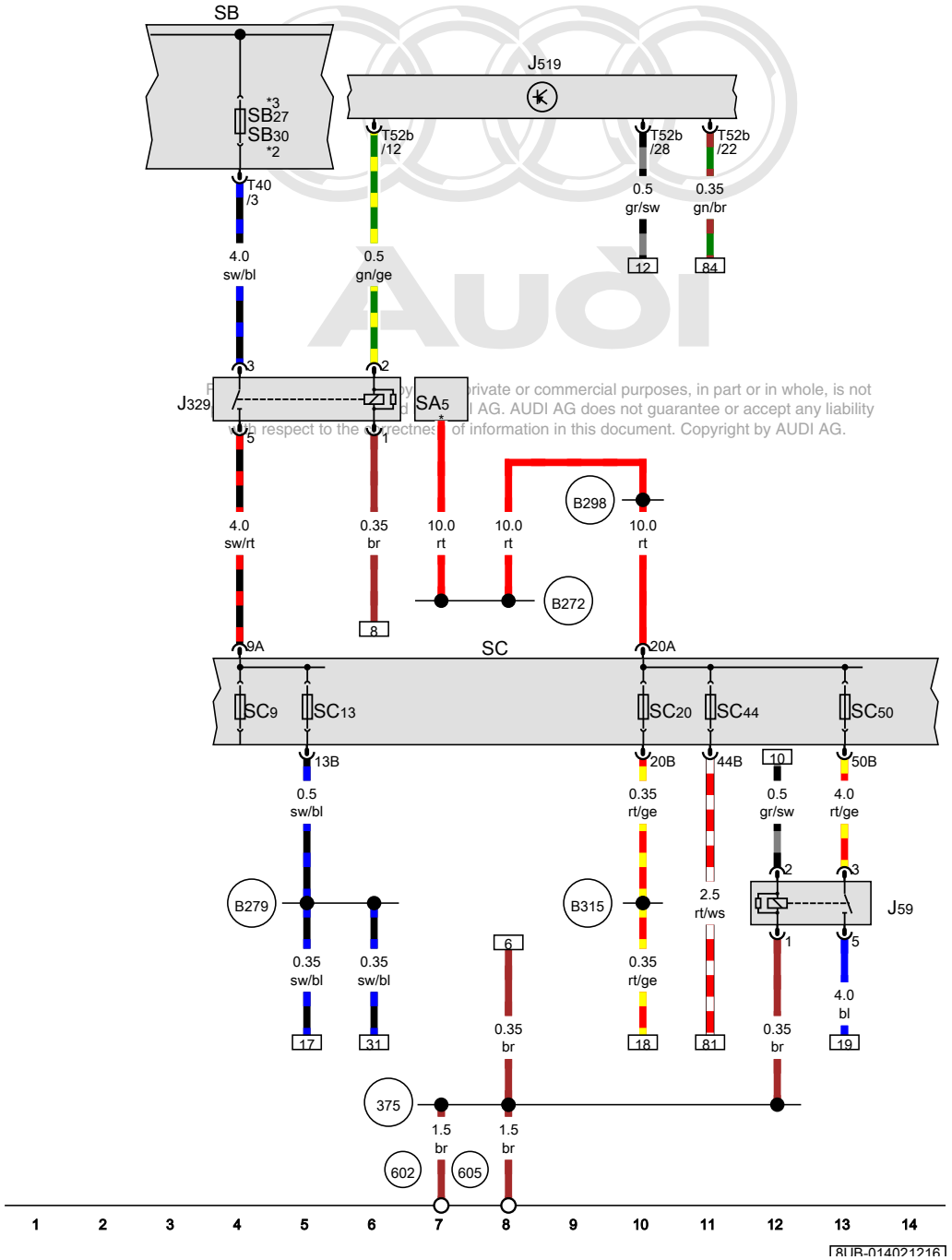
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gr	=	grey
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Air conditioning system with manual regulation , (9AC),(KH6)

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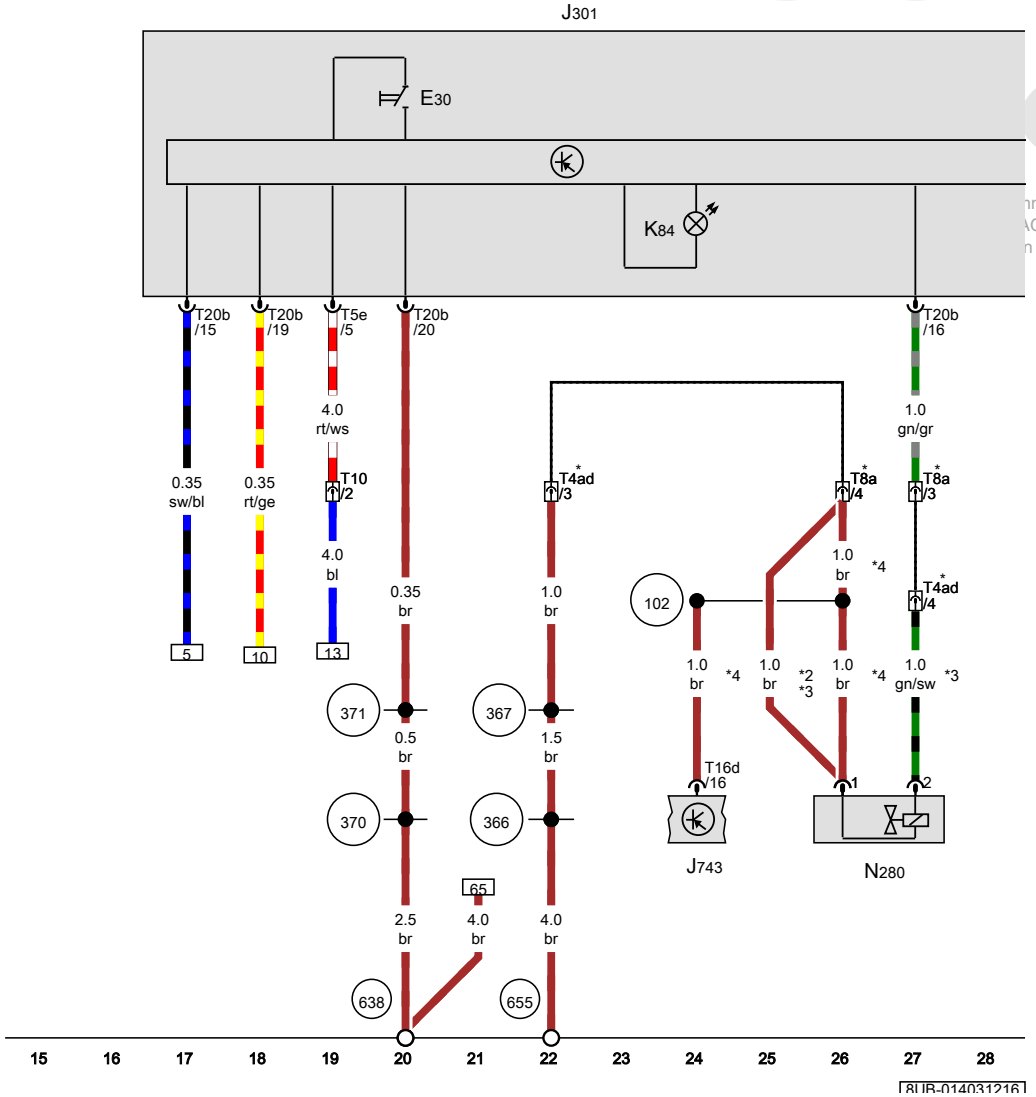
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ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

X-contact relief relay, Terminal 15 voltage supply relay

J59	X-contact relief relay
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC20	Fuse 20 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC44	Fuse 44 on fuse holder C
SC50	Fuse 50 on fuse holder C
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Up to October 2012
*3	From November 2012

Air conditioning system control unit, Air conditioner compressor regulating valve



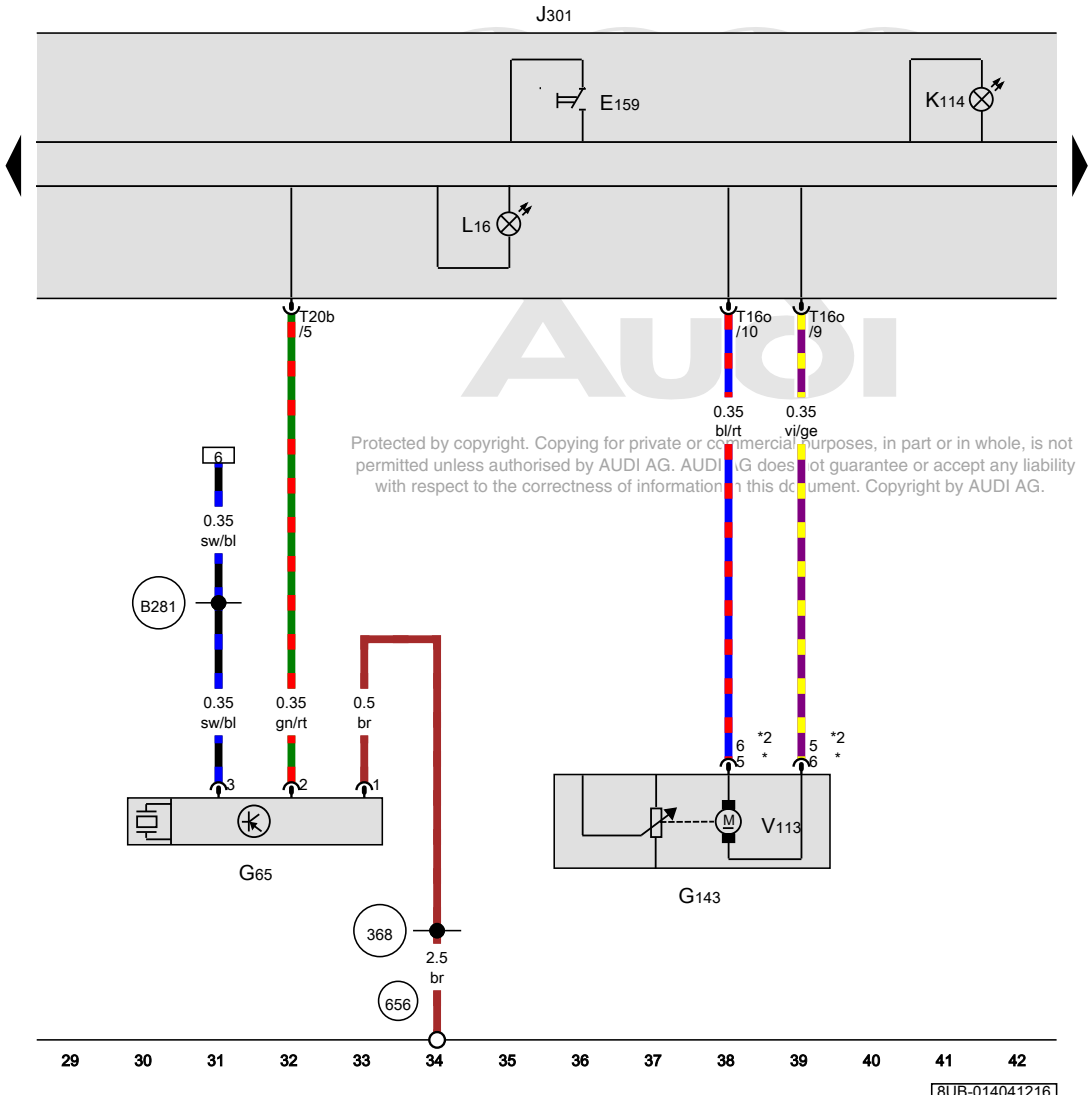
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E30	Air conditioning system switch
J301	Air conditioning system control unit
J743	Mechatronic unit for dual clutch gearbox
K84	Air conditioning system warning lamp
N280	Air conditioner compressor regulating valve
T4ad	4-pin connector
T5e	5-pin connector
T8a	8-pin connector, near front left longitudinal member
T10	10-pin connector
T16d	16-pin connector
T20b	20-pin connector
102	Earth connection, in gearbox wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
655	Earth point, on left headlight
*	According to equipment
*2	Not for models with 2.5l petrol engine
*3	Wiring colour depends on equipment
*4	Only models with 2.5l petrol engine

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

High-pressure sender, Air conditioning system control unit

E159	Fresh air and air recirculation flap switch
G65	High-pressure sender
G143	Potentiometer for air recirculation flap control motor
J301	Air conditioning system control unit
K114	Fresh air and air recirculation warning lamp
L16	Fresh air regulator illumination bulb
T16o	16-pin connector
T20b	20-pin connector
V113	Air recirculation flap control motor
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight
B281	Positive connection 5 (15a) in main wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

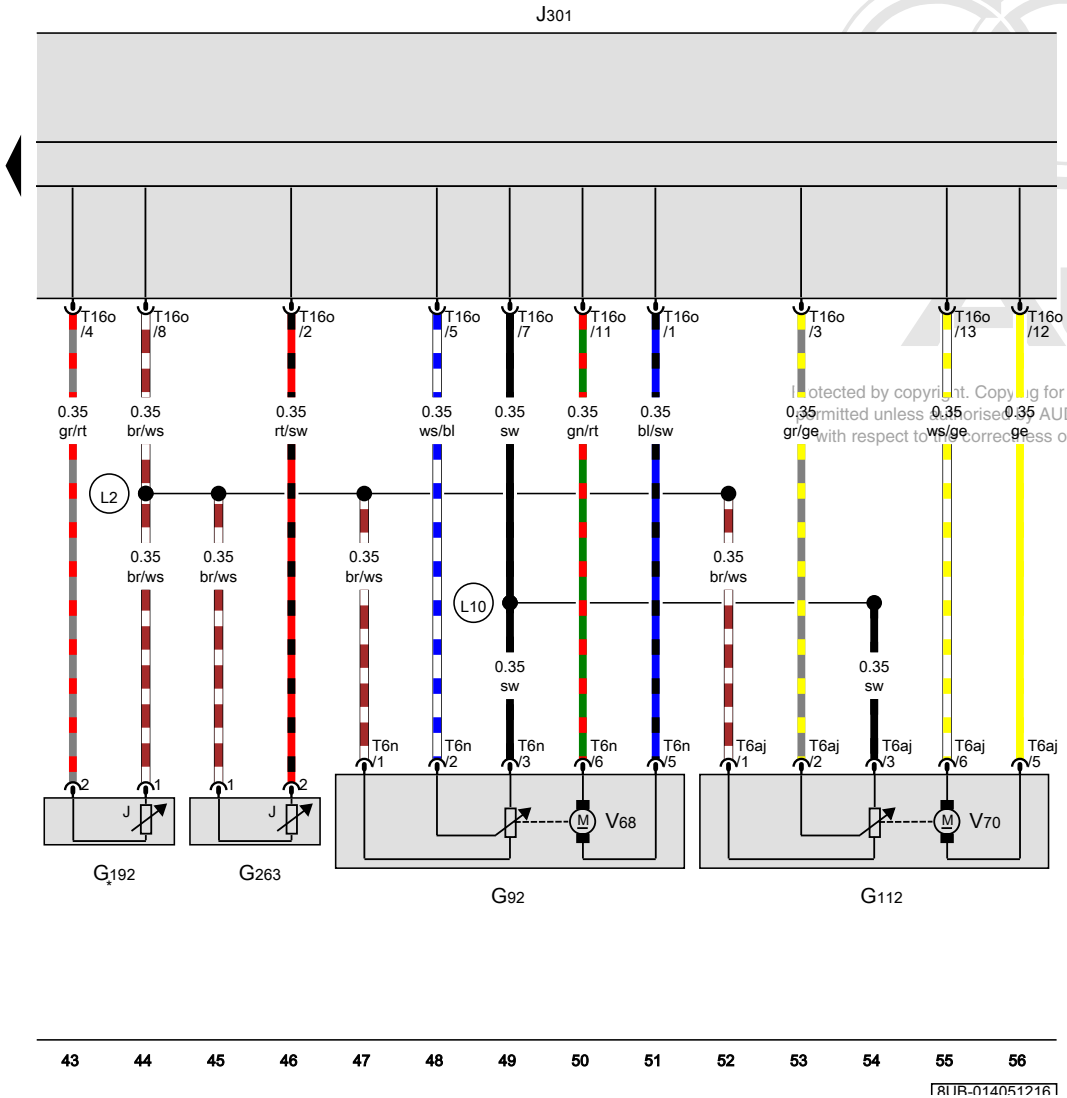


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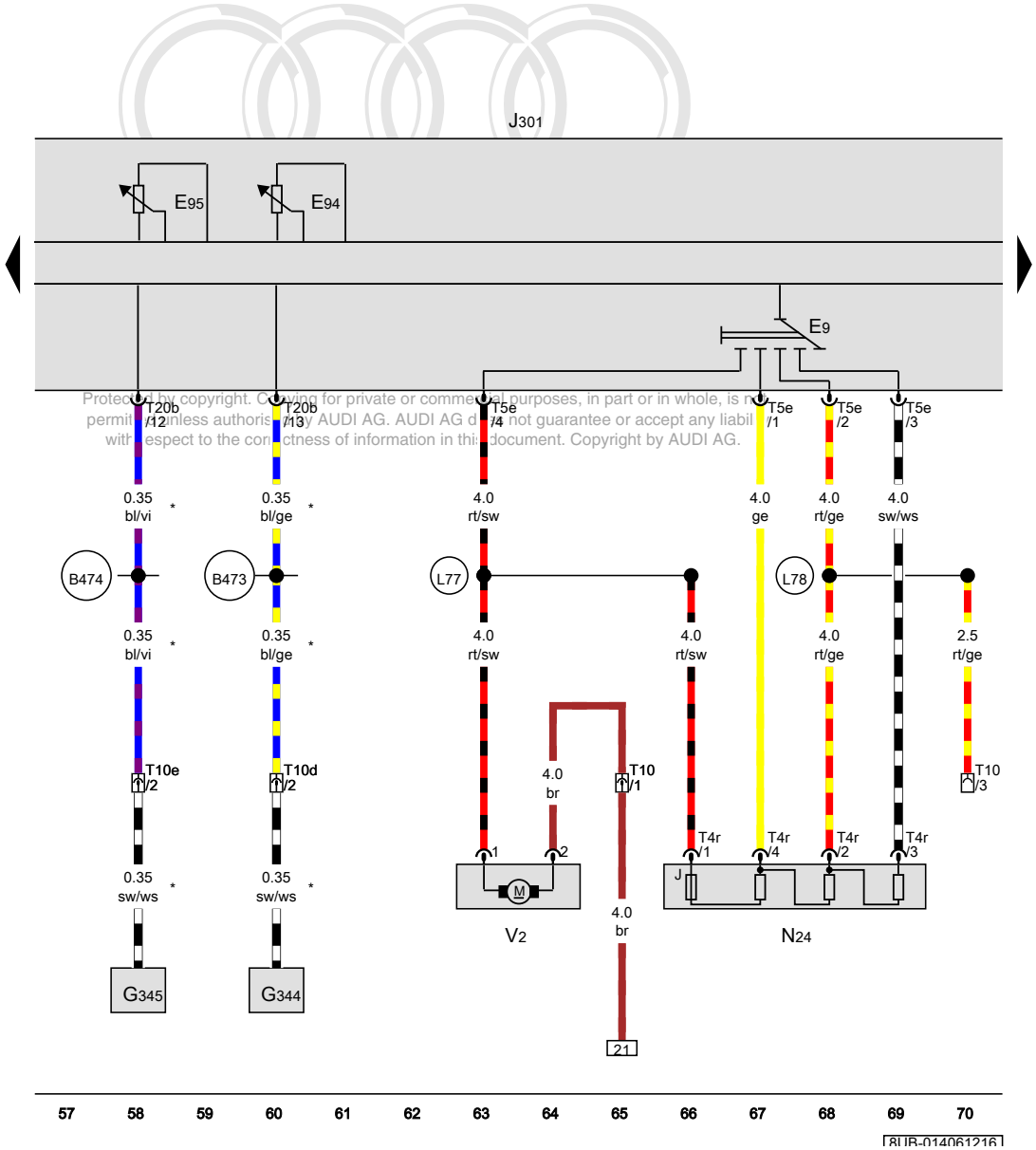
Footwell vent temperature sender, Evaporator output temperature sender, Air conditioning system control unit

G92	Potentiometer for temperature flap control motor
G112	Potentiometer for centre flap control motor
G192	Footwell vent temperature sender
G263	Evaporator output temperature sender
J301	Air conditioning system control unit
T6aj	6-pin connector
T6n	6-pin connector
T16o	16-pin connector
V68	Temperature flap control motor
V70	Centre flap control motor
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system wiring harness
*	If fitted



ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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[8UB-014061216]

Air conditioning system control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

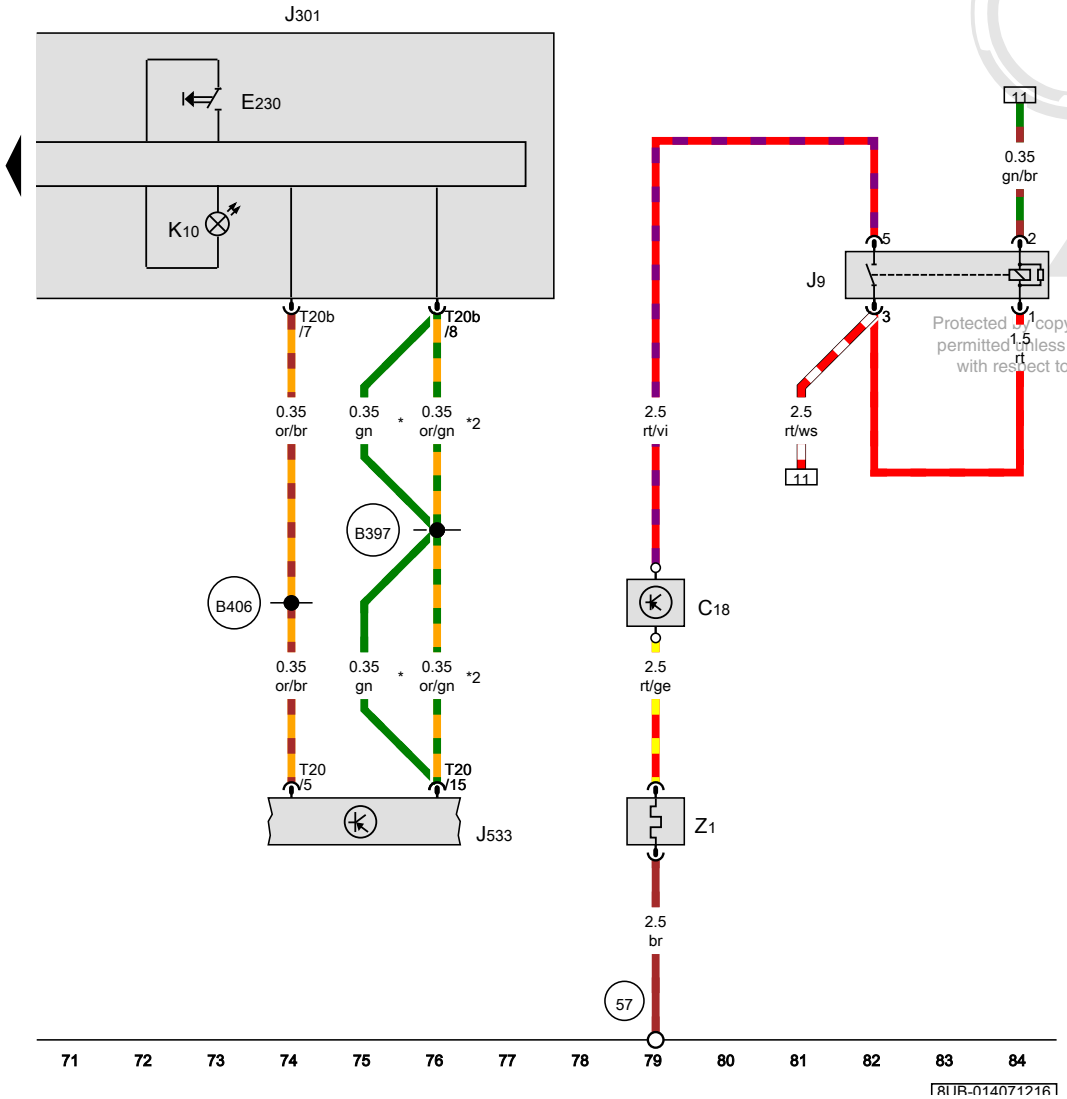
E9	Fresh air blower switch
E94	Heated driver seat regulator
E95	Heated front passenger seat regulator
G344	Front left seat temperature sender
G345	Front right seat temperature sender
J301	Air conditioning system control unit
N24	Fresh air blower series resistor with overheating fuse
T4r	4-pin connector
T5e	5-pin connector
T10	10-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T20b	20-pin connector
V2	Fresh air blower
B473	Connection 9, in main wiring harness
B474	Connection 10, in main wiring harness
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	see applicable current flow diagram for seat heating

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

Heated rear window relay, Air conditioning system control unit, Data bus diagnostic interface, Heated rear window

C18	Window aerial suppression filter
E230	Heated rear window button
J9	Heated rear window relay
J301	Air conditioning system control unit
J533	Data bus diagnostic interface
K10	Heated rear window warning lamp
T20	20-pin connector
T20b	20-pin connector
Z1	Heated rear window
57	Earth point, rear left pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From November 2016
*2	Up to October 2016

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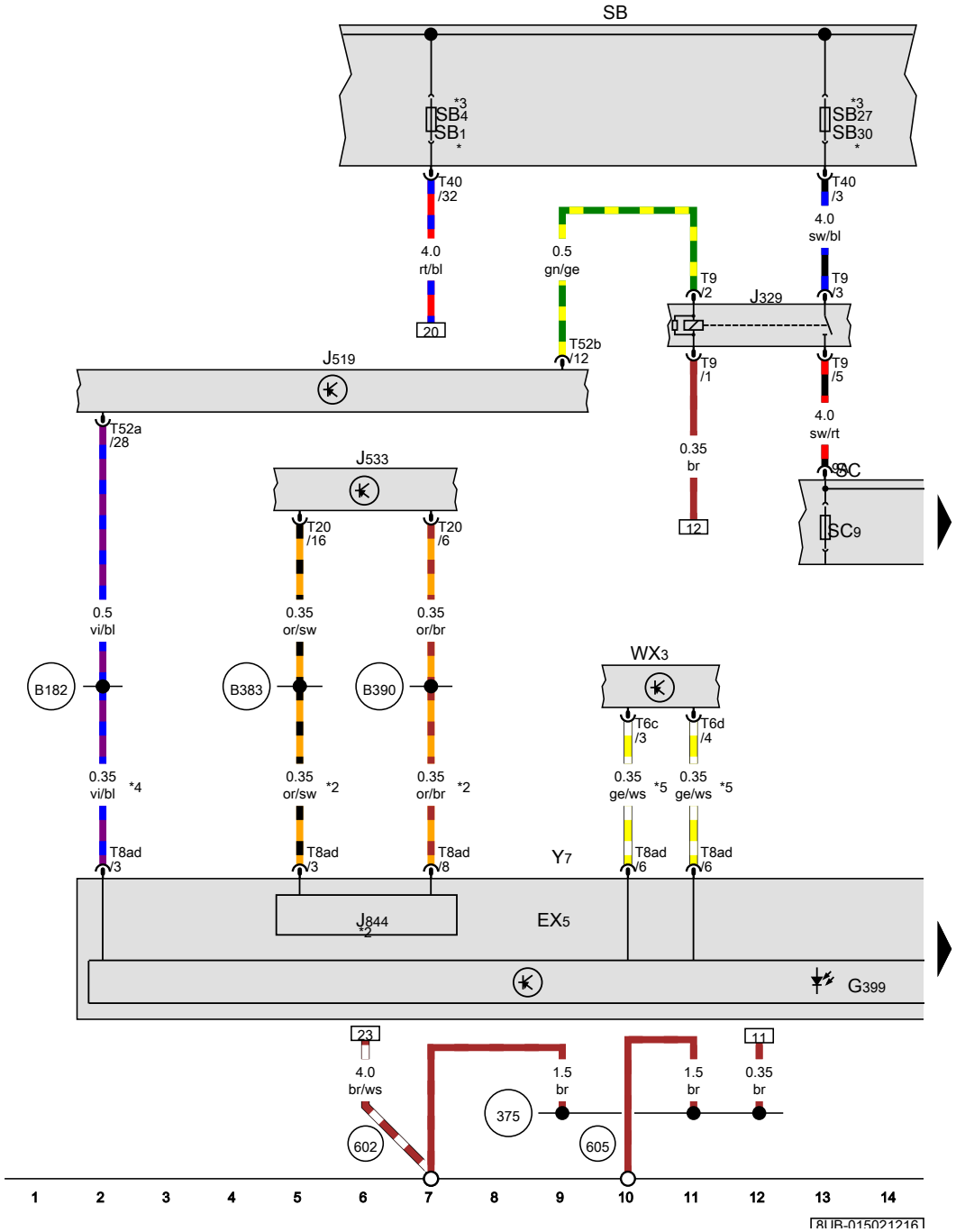


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Automatic anti-dazzle interior mirror , (4L2),(4L6),(L0L)

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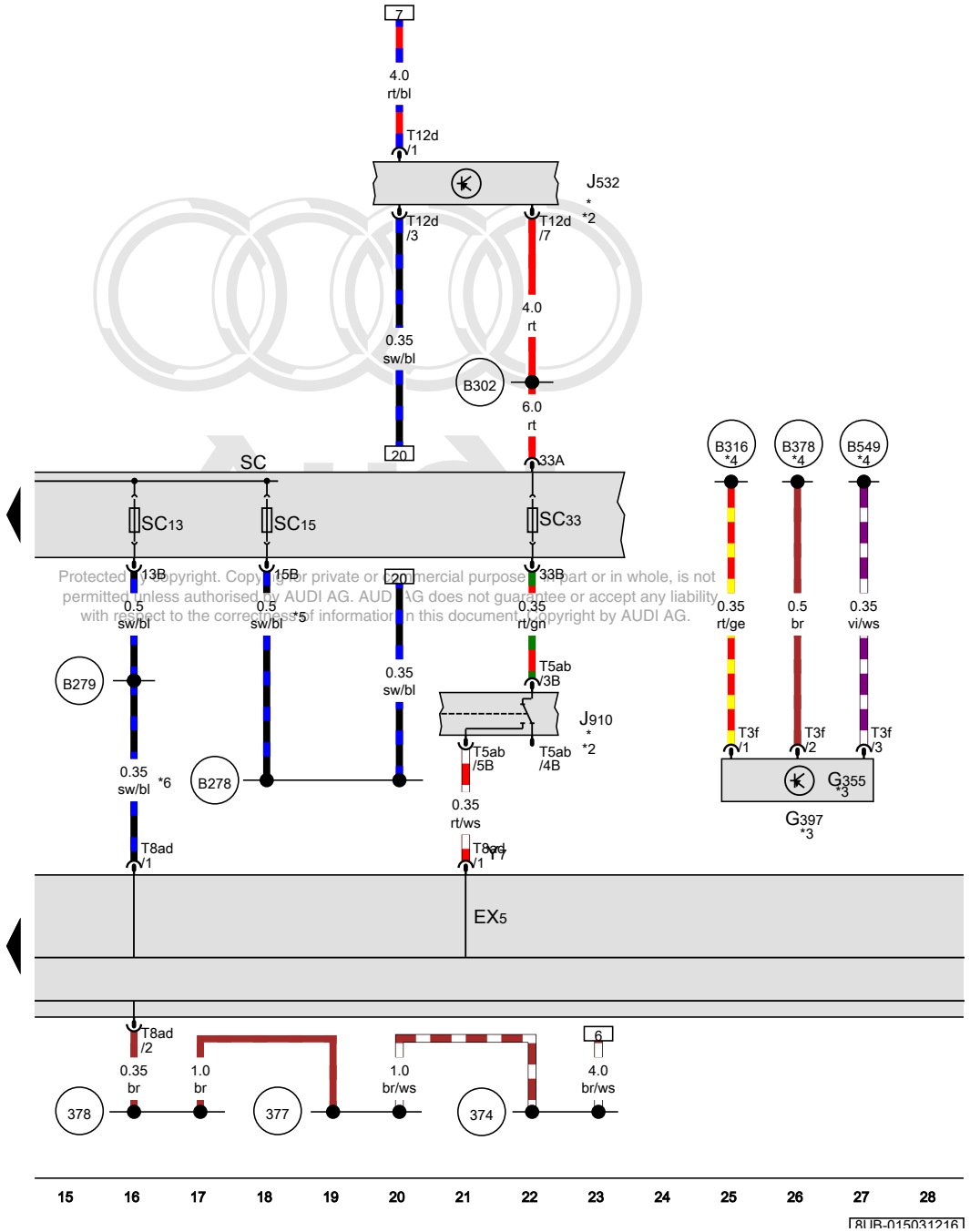


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Terminal 15 voltage supply relay, Onboard supply control unit, Data bus diagnostic interface, Automatic anti-dazzle interior mirror

EX5	Interior mirror
G399	Light sensor
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J844	Main beam assist control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
T6c	6-pin connector
T6d	6-pin connector
T8ad	8-pin connector
T9	9-pin connector
T20	20-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
WX3	Front roof module
Y7	Automatic anti-dazzle interior mirror
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B182	Connection (RL), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Up to October 2012
*2	Only models with main beam assist
*3	From November 2012
*4	Only models with no main beam assist function
*5	According to equipment

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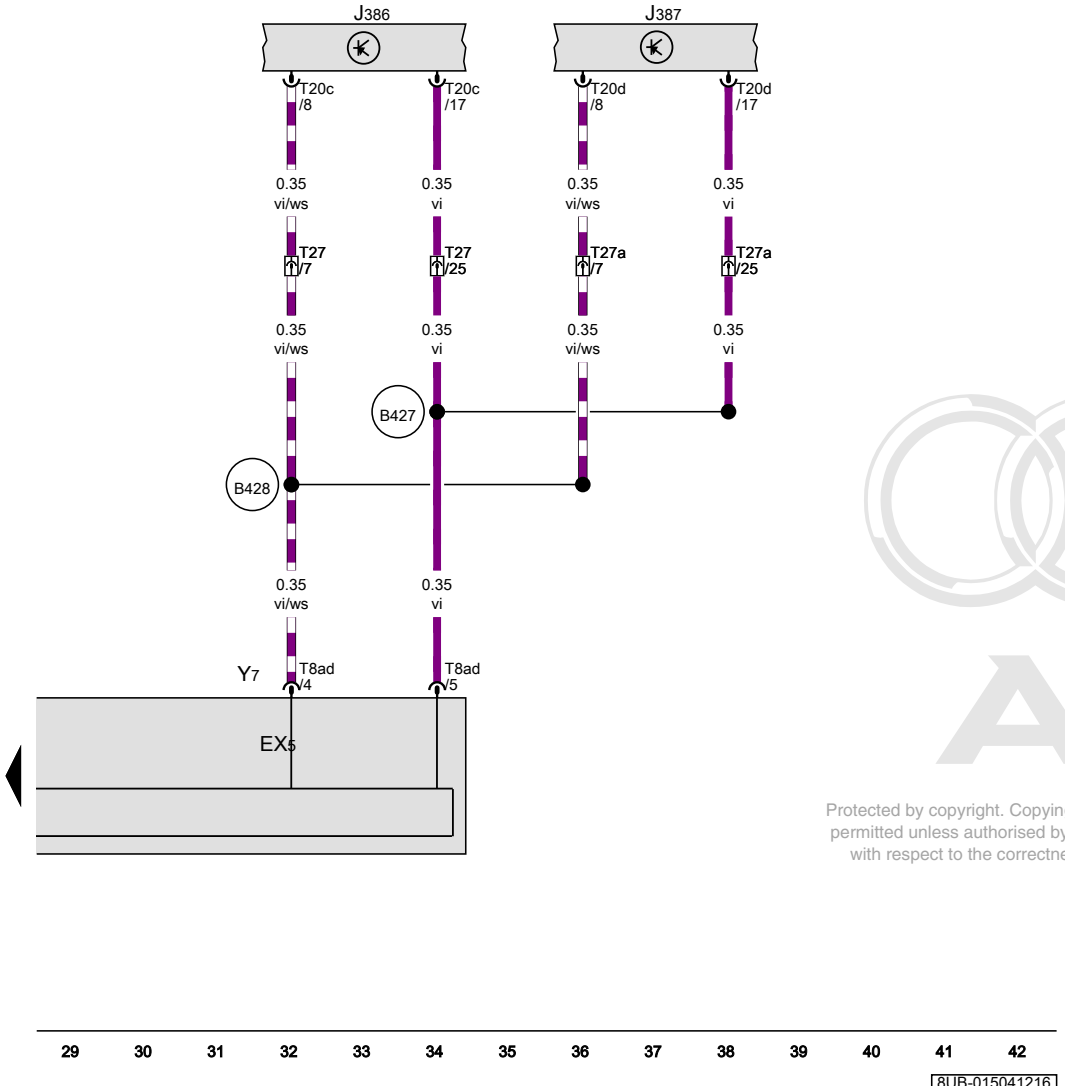
Voltage stabiliser, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

EX5	Interior mirror
G355	Humidity sender
G397	Rain and light sensor
J532	Voltage stabiliser
J910	Relay for automatic anti-dazzle interior mirror
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC33	Fuse 33 on fuse holder C
T3f	3-pin connector
T5ab	5-pin connector, white
T8ad	8-pin connector
T12d	12-pin connector
Y7	Automatic anti-dazzle interior mirror
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B378	Connection 8 (aerial), in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for battery
*3	According to equipment
*4	see applicable current flow diagram for basic equipment
*5	Cross section depends on equipment
*6	Only models with no start/stop system

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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
T8ad	8-pin connector
T20c	20-pin connector
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, in right A-pillar, on right A-pillar
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness



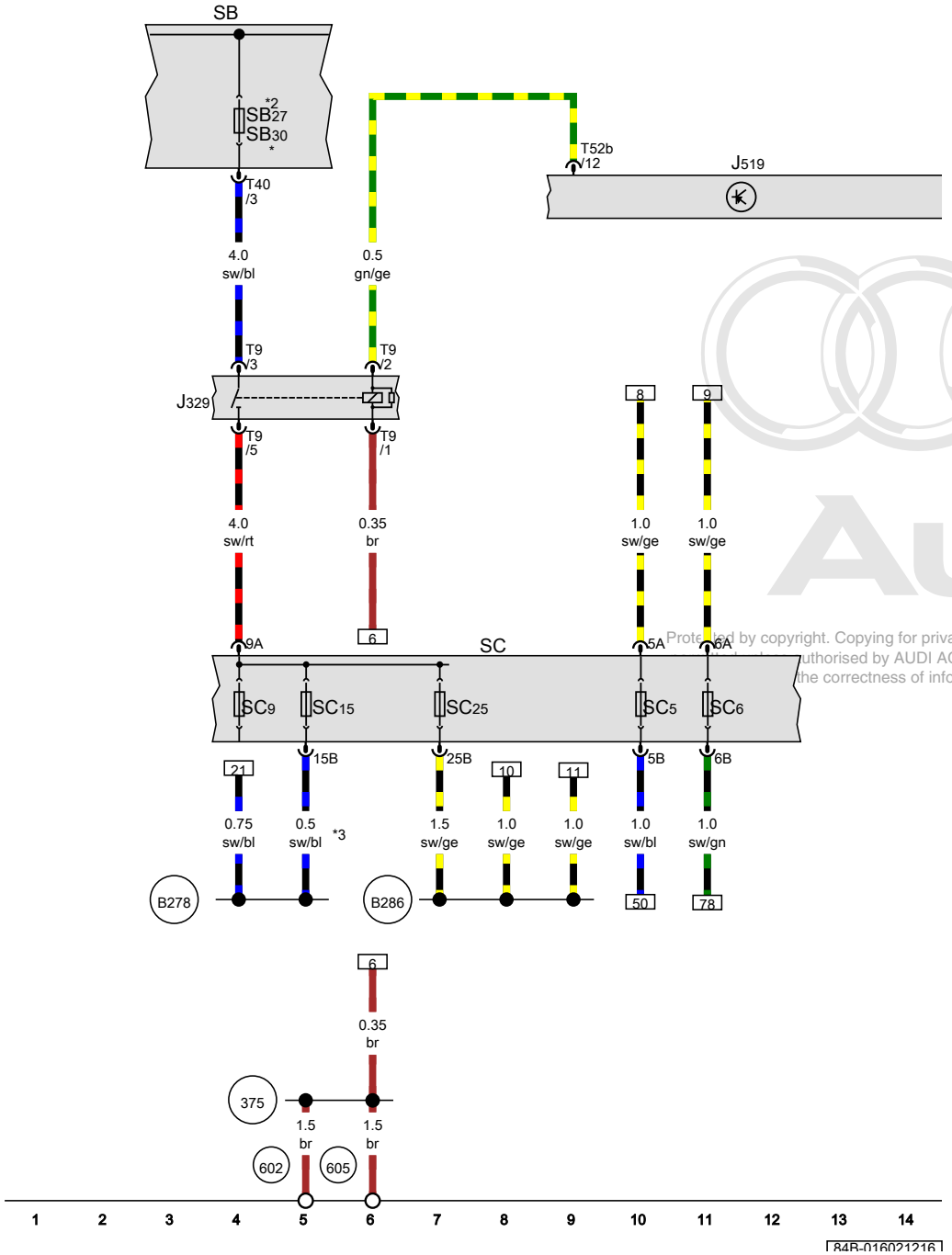
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Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light , (8Q5),(8Q6),(GP1)

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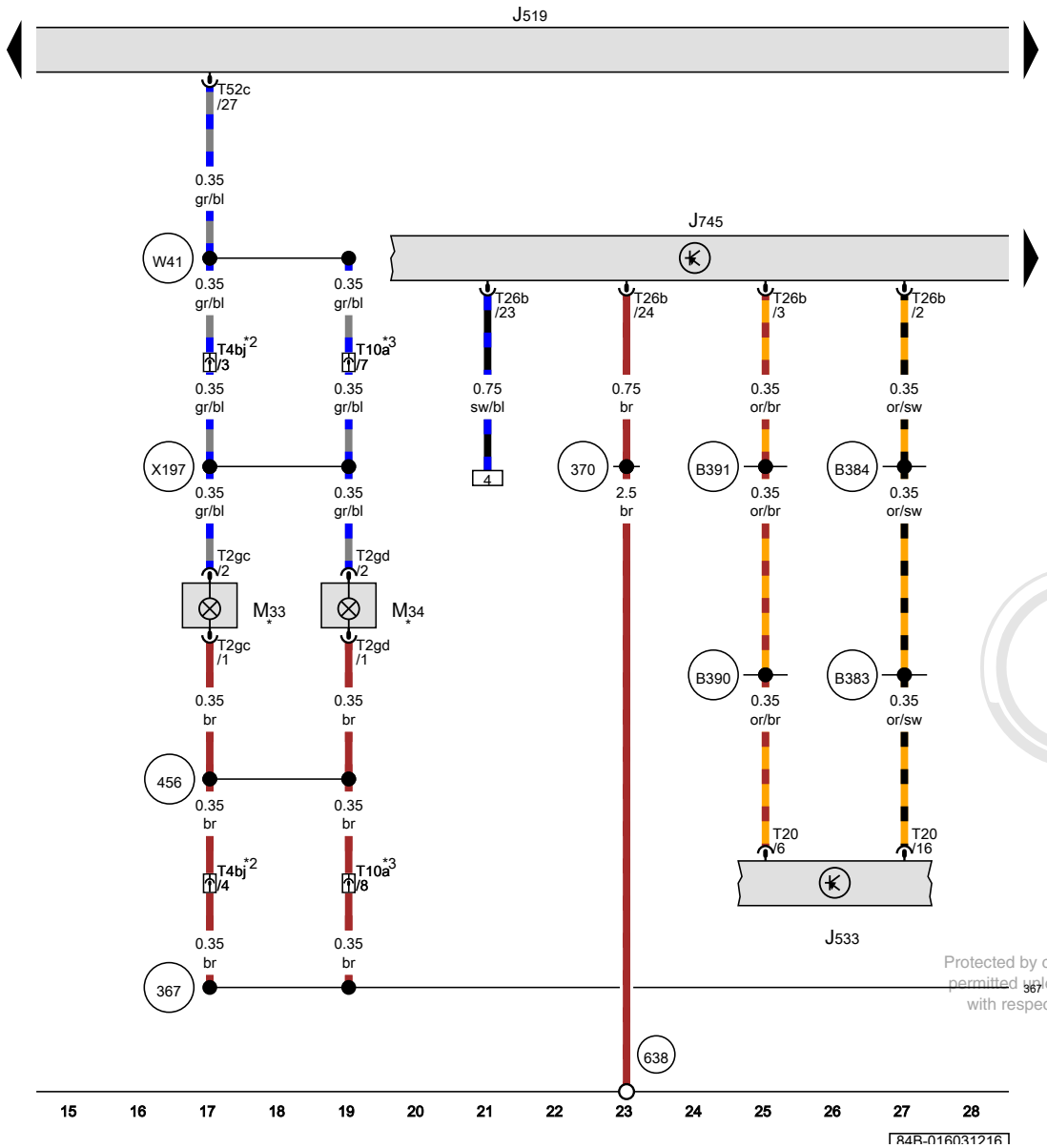


Terminal 15 voltage supply relay, Onboard supply control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC25	Fuse 25 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B278	Positive connection 2 (15a) in main wiring harness
B286	Positive connection 10 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Cross section depends on equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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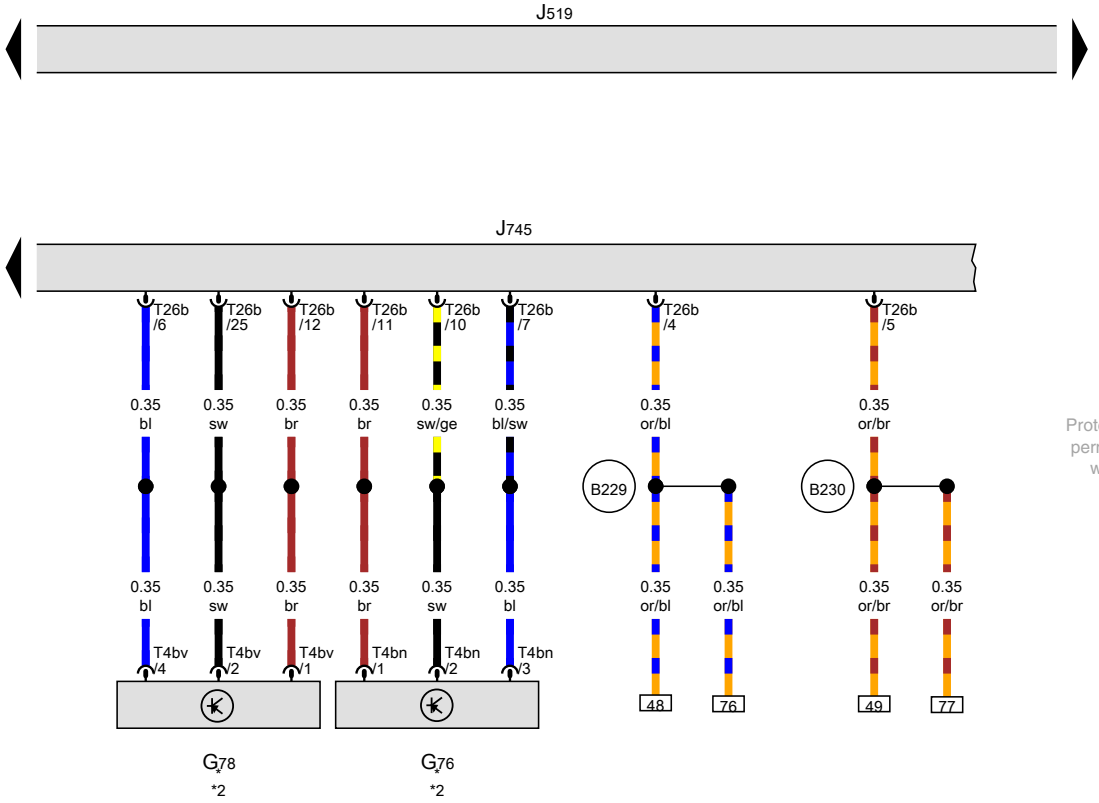
Onboard supply control unit, Control unit for cornering light and headlight range control, Front left side marker bulb, Front right side marker bulb

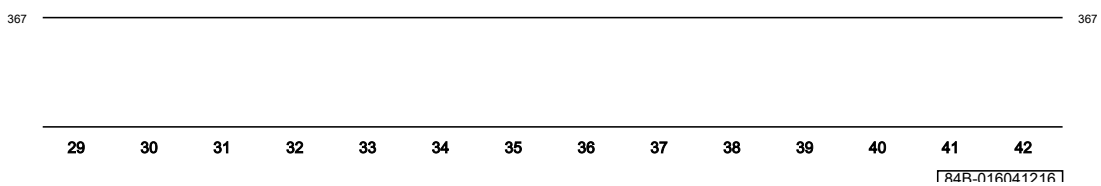
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
M33	Front left side marker bulb
M34	Front right side marker bulb
T2gc	2-pin connector
T2gd	2-pin connector
T4bj	4-pin connector
T10a	10-pin connector
T20	20-pin connector
T26b	26-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
456	Earth connection 1, front bumper 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
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
W41	Positive connection (58), in number plate lights wiring harness
X197	Connection 1, in lower front bumper wiring harness
*	Only models with US equipment
*2	According to equipment
*3	Only models with parking aid (PDC)

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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gn	=	green
bl	=	blue
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Rear left vehicle level sender, Front left vehicle level sender, Onboard supply control unit, Control unit for cornering light and headlight range control

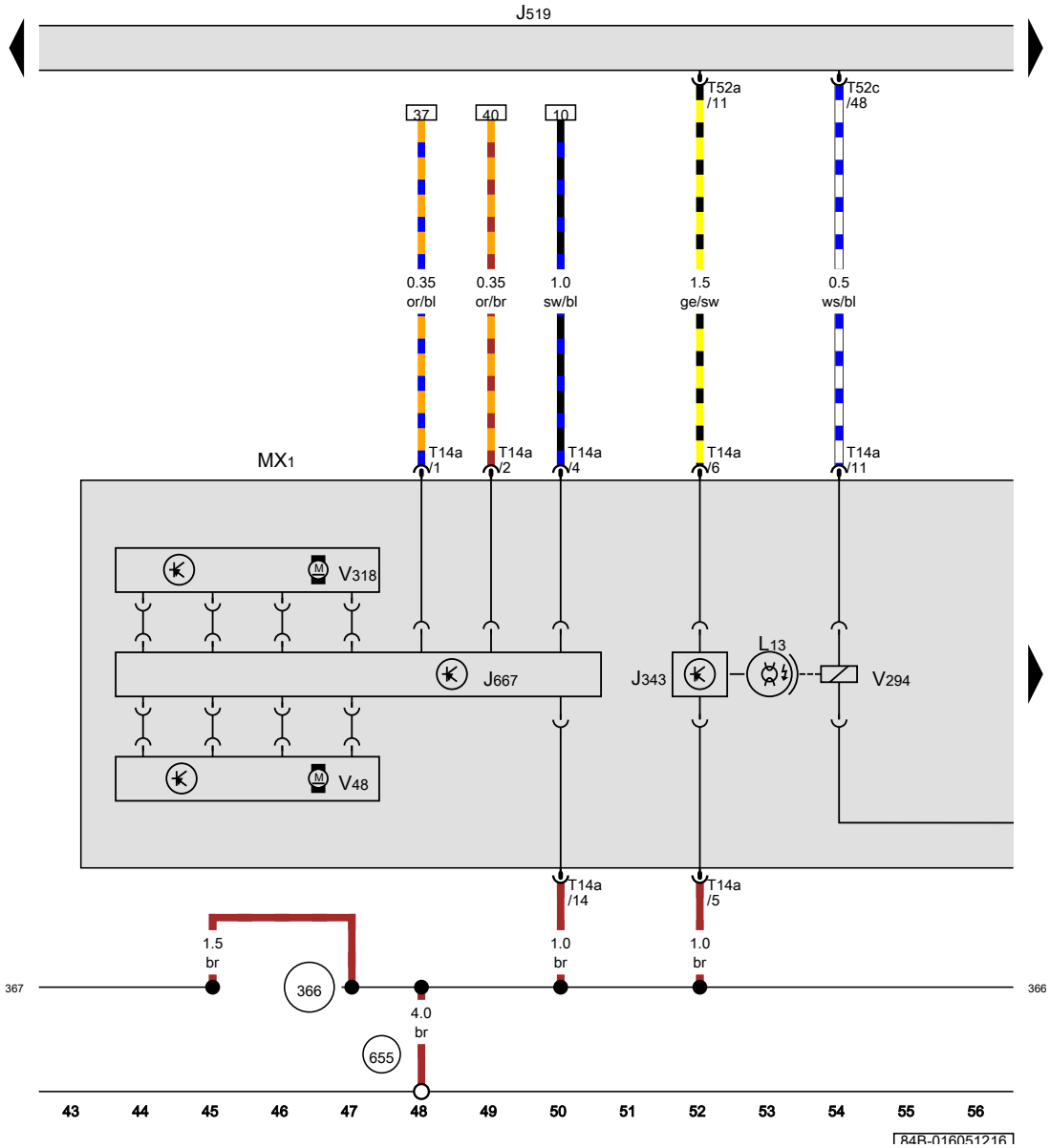




G76		Rear left vehicle level sender
G78		Front left vehicle level sender
J519		Onboard supply control unit
J745		Control unit for cornering light and headlight range control
T4bn		4-pin connector
T4bv		4-pin connector
T26b		26-pin connector
367		Earth connection 2, in main wiring harness
B229		Connection (high bus), in interior wiring harness
B230		Connection (low bus), in interior wiring harness
*		According to equipment
*2		Only models with no electronic damping control

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Onboard supply control unit, Output module for left headlight, Left gas discharge (xenon) bulb, Front left headlight, Left headlight range control motor, Left dip beam screen motor, Left dynamic cornering light control motor

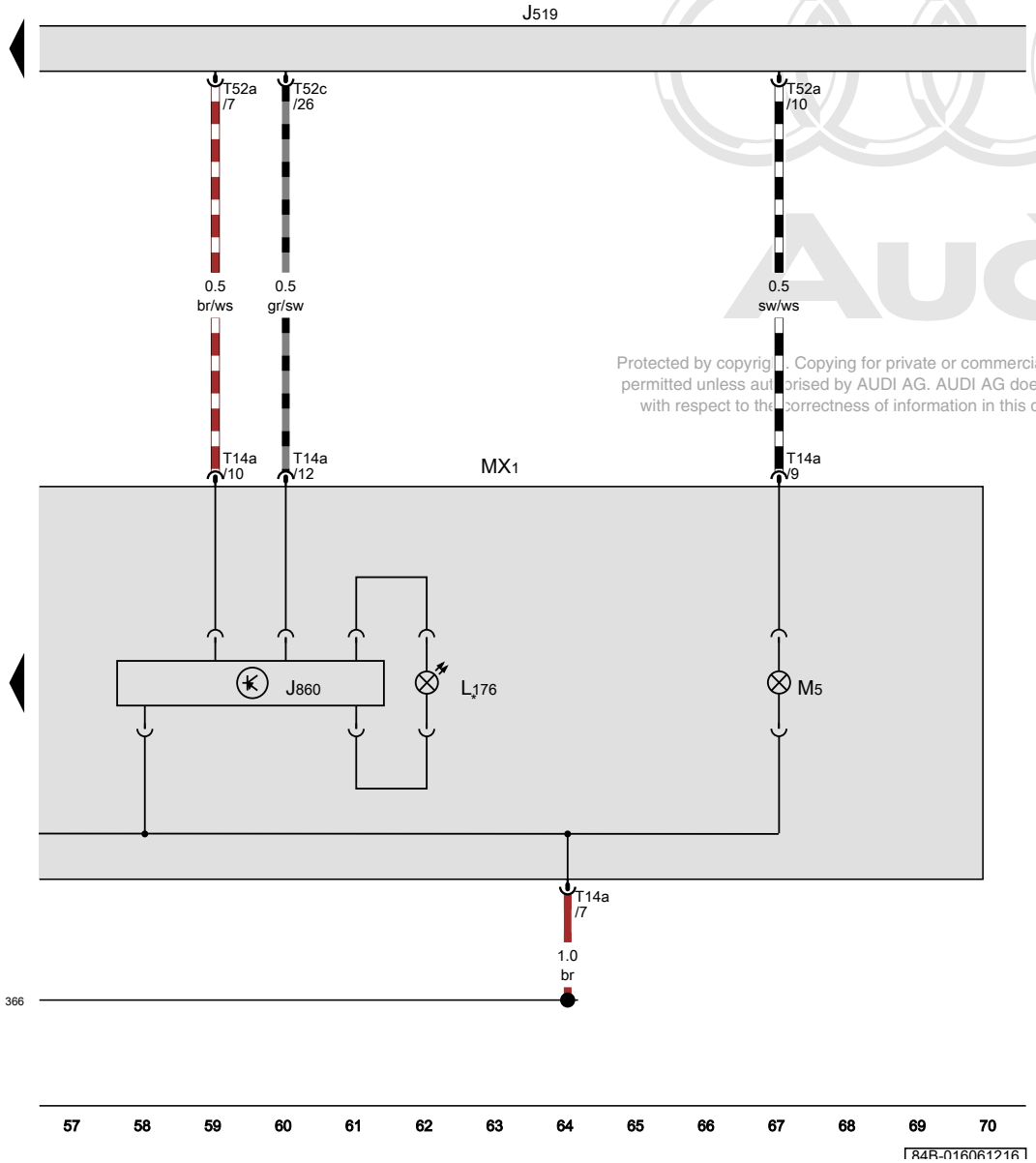
J343	Left gas discharge bulb control unit
J519	Onboard supply control unit
J667	Output module for left headlight
L13	Left gas discharge (xenon) bulb
MX1	Front left headlight
T14a	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
V318	Left dynamic cornering light control motor
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight

ws	=	white
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ro	=	red
rt	=	red
br	=	brown
gn	=	green
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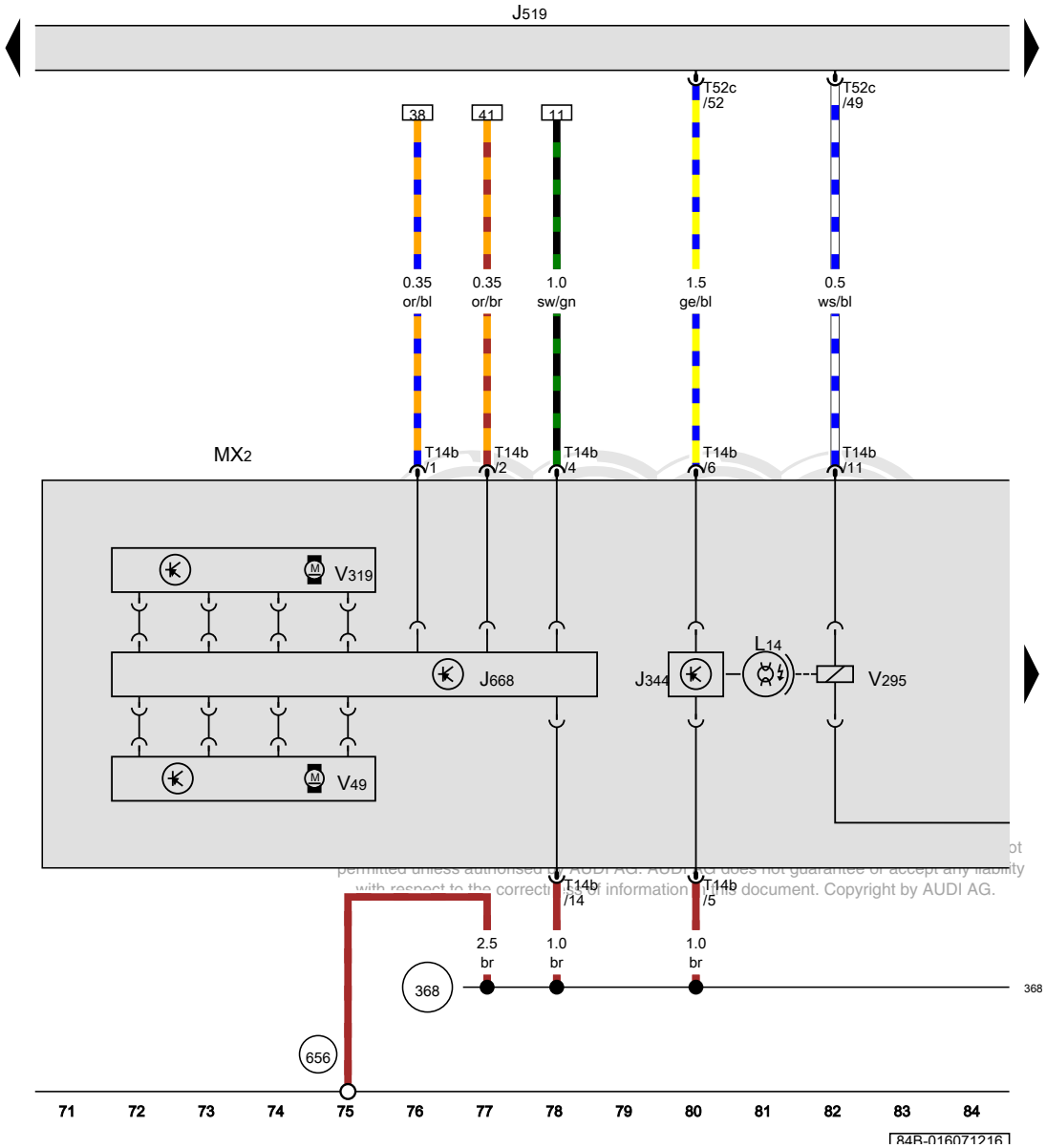
Onboard supply control unit, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb

J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
T14a	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
366	Earth connection 1, in main wiring harness
*	Only models with daytime running lights



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



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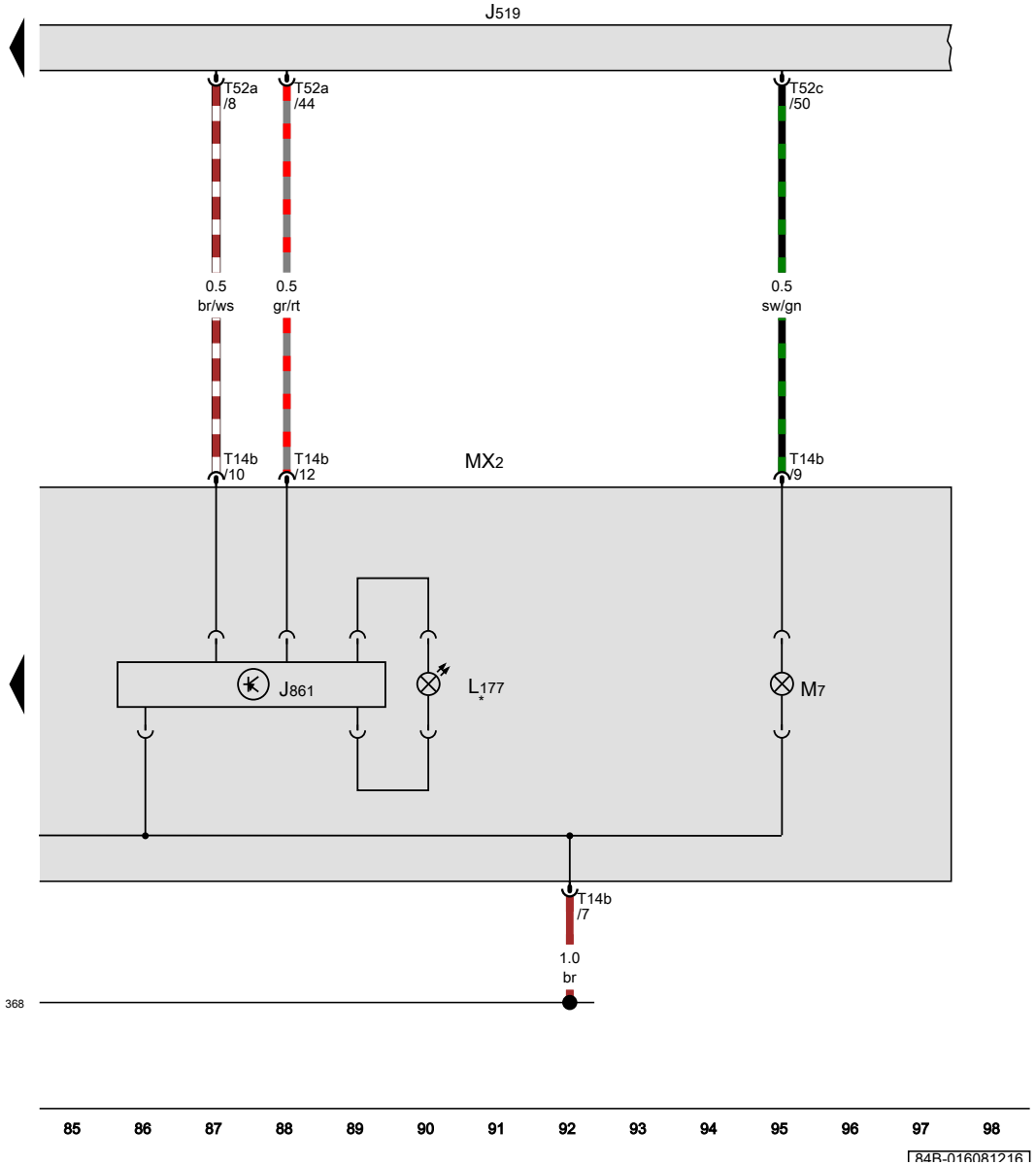
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or = orange
rs = pink

Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Right gas discharge (xenon) bulb, Front right headlight, 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
MX2	Front right headlight
T14b	14-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
V319	Right dynamic cornering light control motor
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight

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
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
T14b	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
368	Earth connection 3, in main wiring harness
*	Only models with daytime running lights



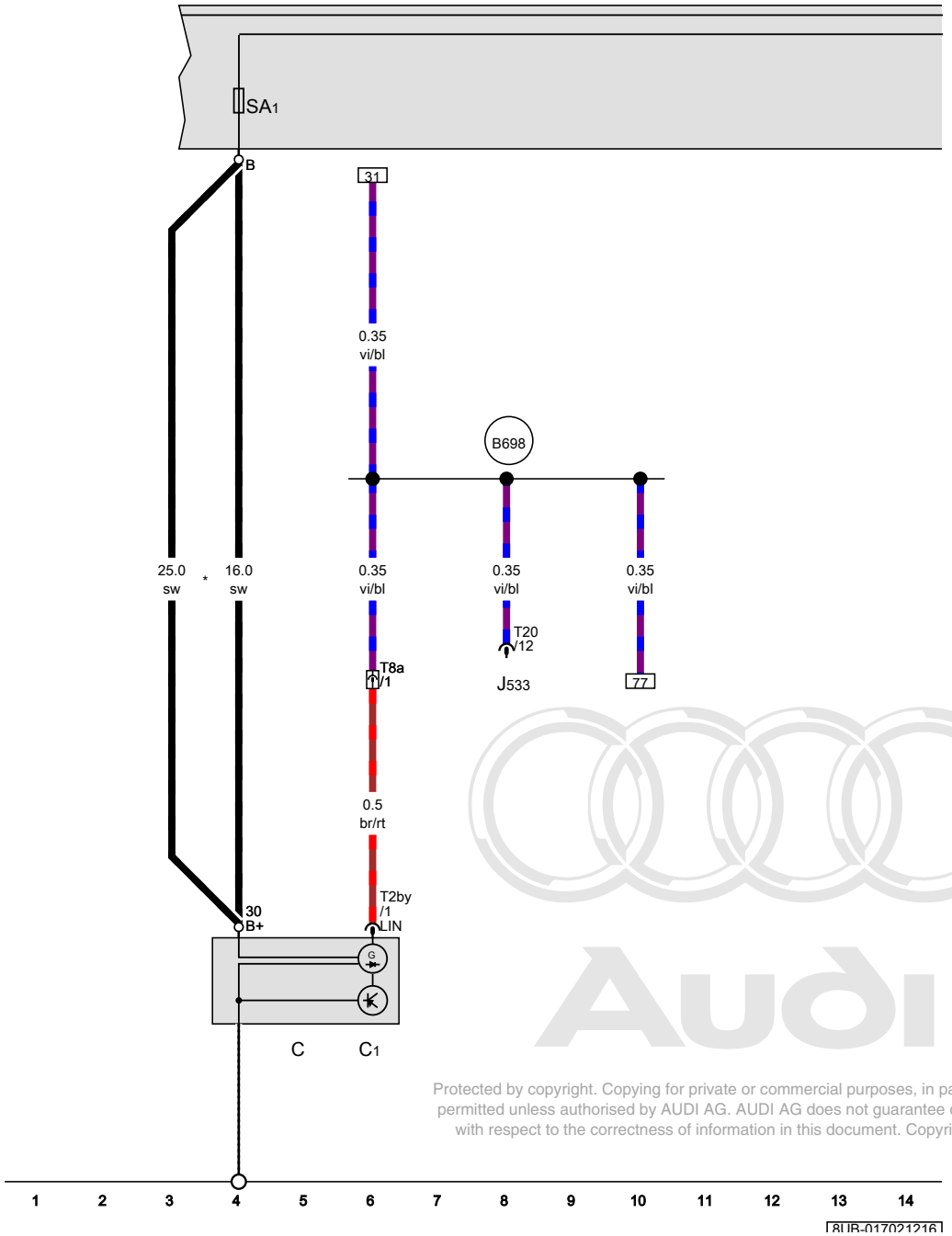
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Battery in engine compartment with start/stop system and energy recovery

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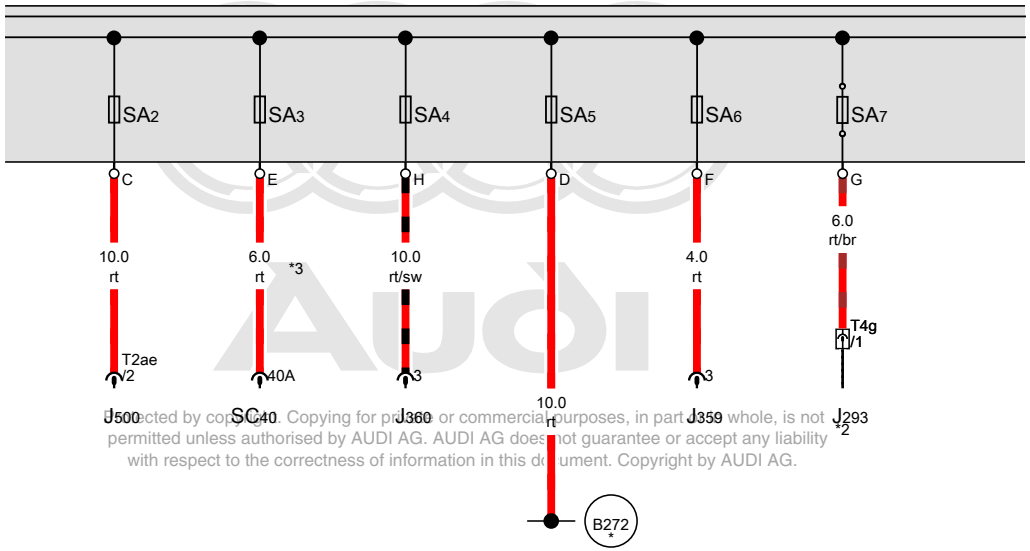


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Alternator, Fuse 1 on fuse holder A

C	Alternator
C1	Voltage regulator
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
T2by	2-pin connector
T8a	8-pin connector, near front left longitudinal member
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with 140A alternator

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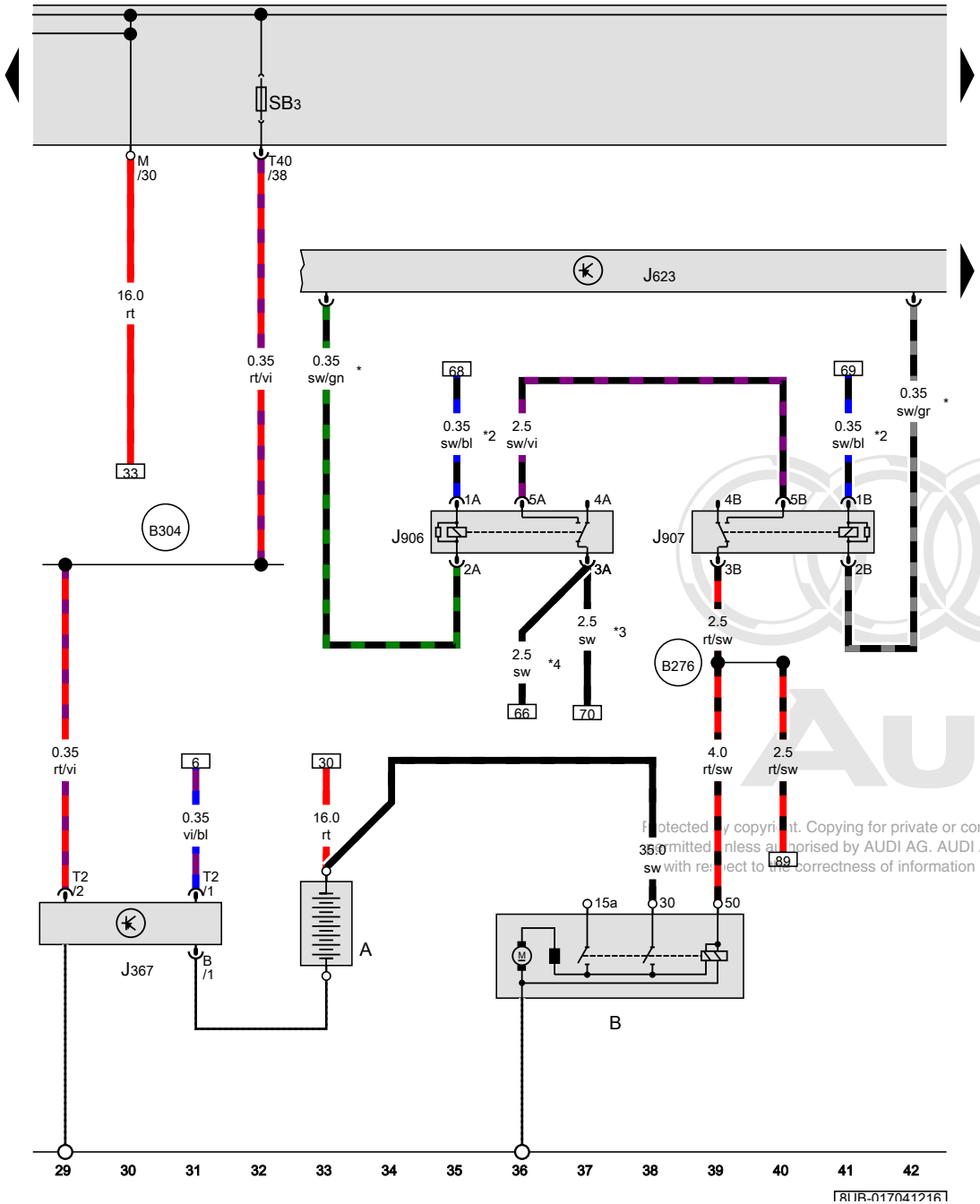
15 16 17 18 19 20 21 22 23 24 25 26 27 28

B1JB-0170312161

Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SC40	Fuse 40 on fuse holder C
T2ae	2-pin connector
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for towing bracket

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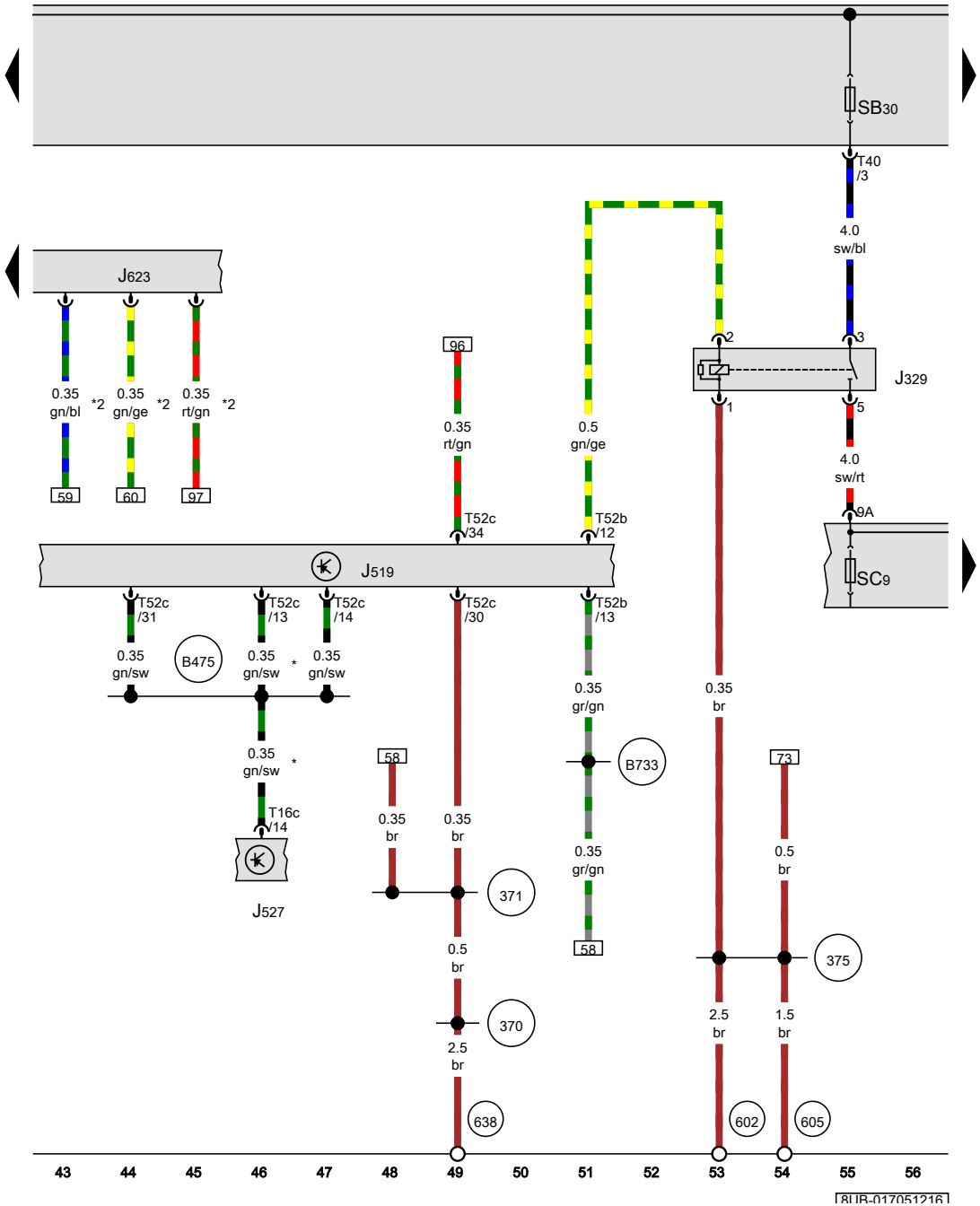


Battery, Starter, Engine control unit, Starter relay 1, Starter relay 2

A	Battery
B	Starter
J367	Battery monitor control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB3	Fuse 3 on fuse holder B
T1a	1-pin connector
T2	2-pin connector
T40	40-pin connector
B276	Positive connection (50), in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment
*3	Gradually discontinued
*4	gradual introduction

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sw	=	black
ro	=	red
rt	=	red
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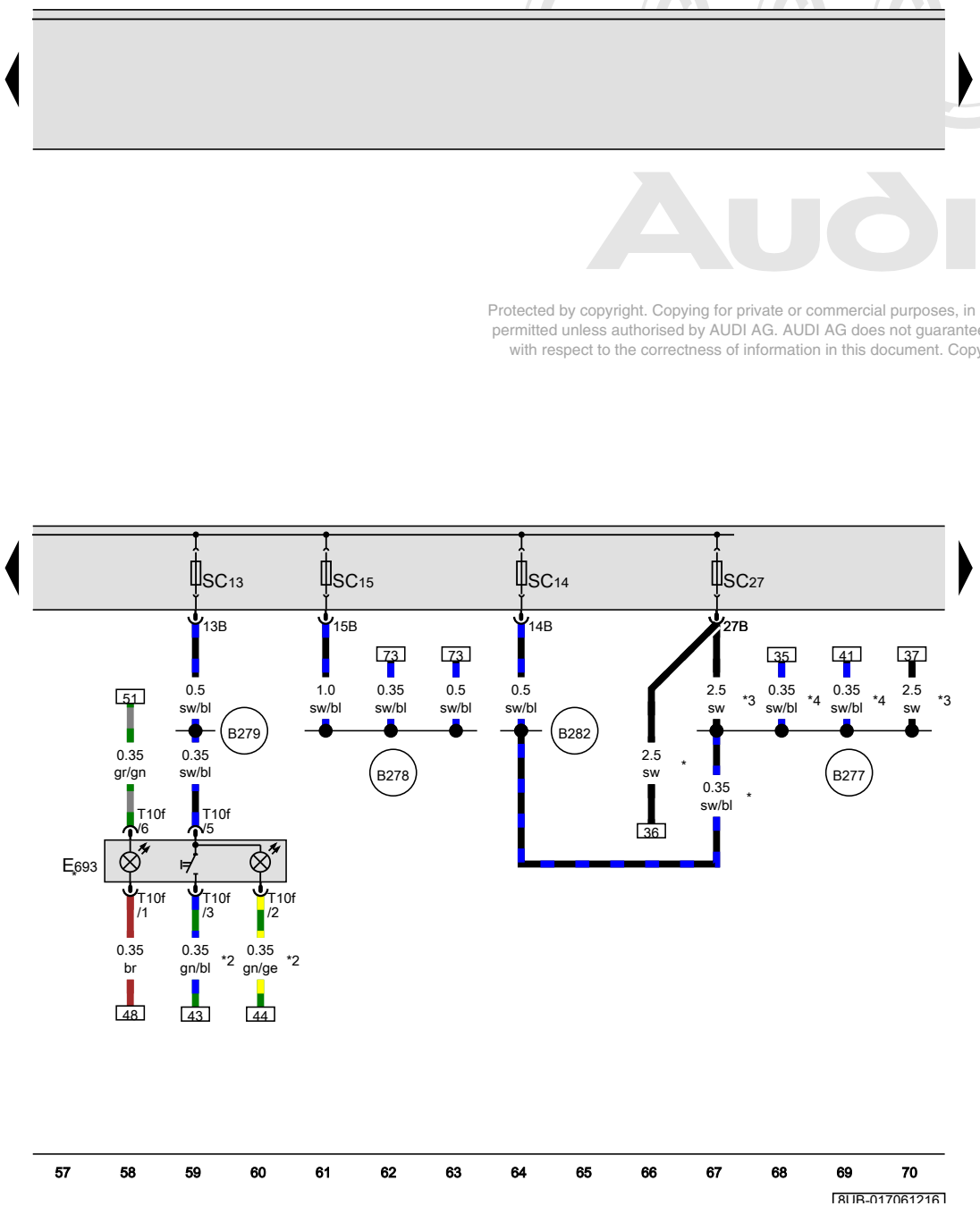


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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
SC9	Fuse 9 on fuse holder C
SB30	Fuse 30 on fuse holder B
T16c	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only models with no entry and start authorisation
*2	see applicable current flow diagram for engine

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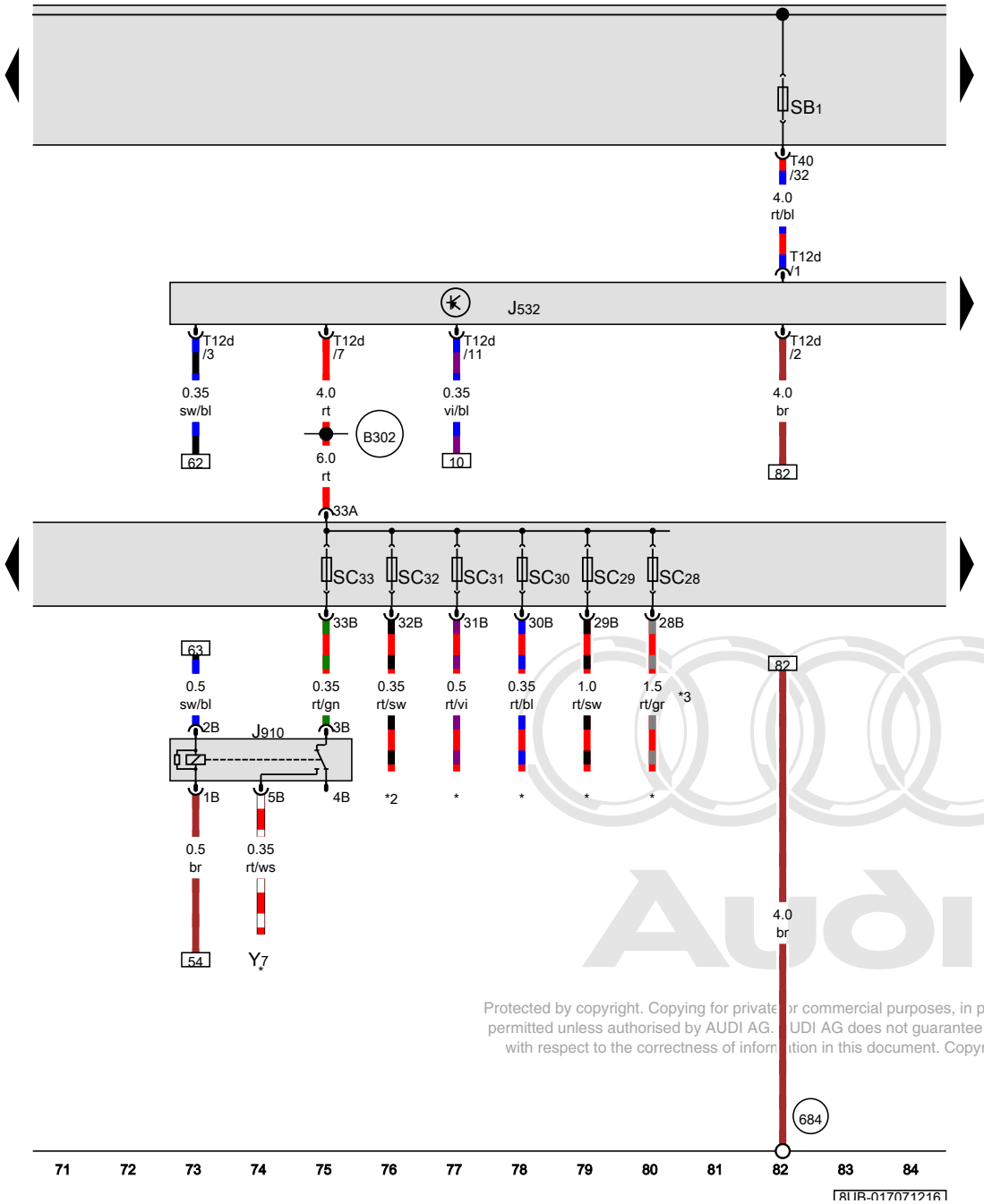


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Start/Stop operation button

E693	Start/Stop operation button
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC27	Fuse 27 on fuse holder C
T10f	10-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Gradually discontinued
*4	Wiring colour depends on equipment

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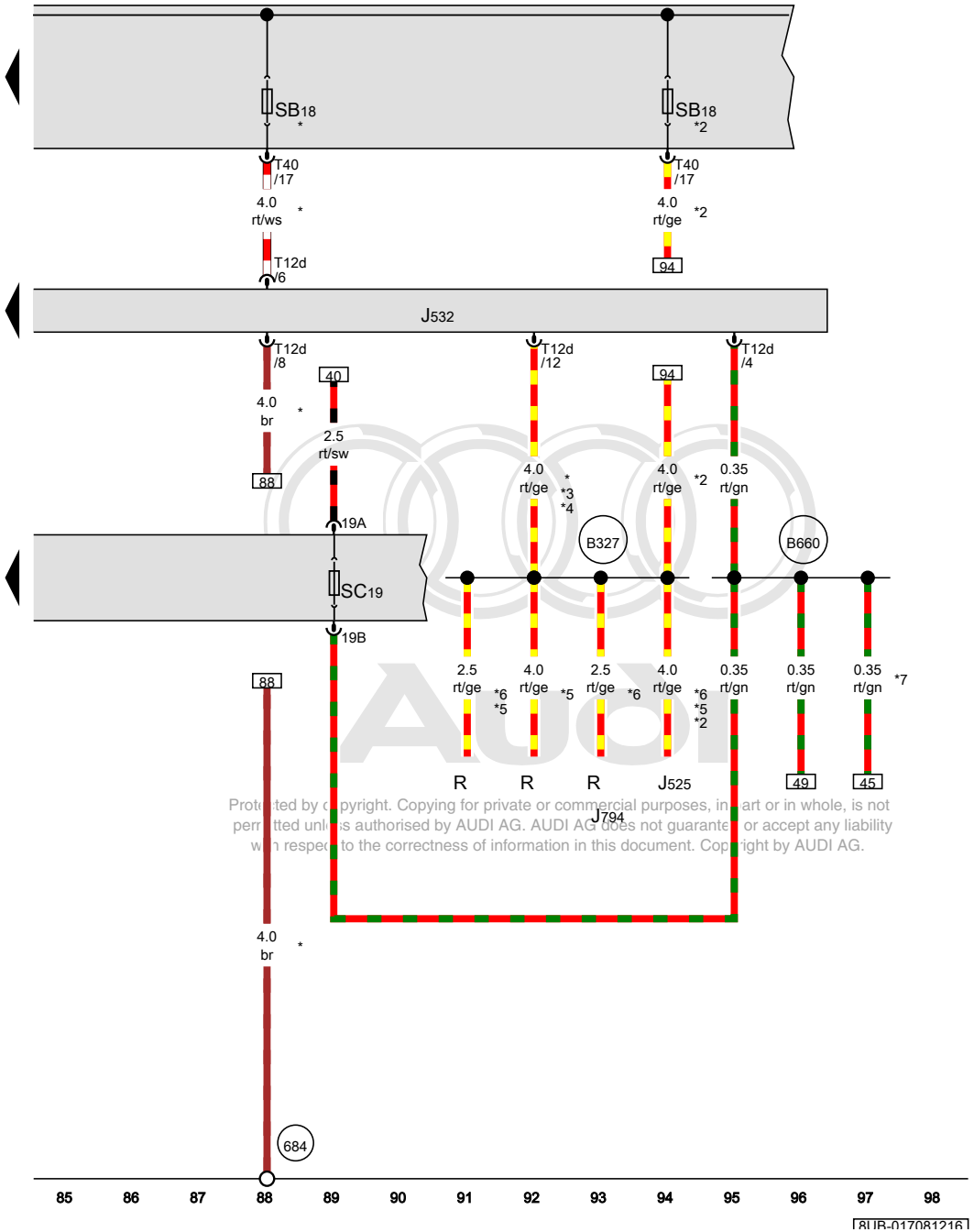


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Voltage stabiliser, Relay for automatic anti-dazzle interior mirror

J532	Voltage stabiliser
J910	Relay for automatic anti-dazzle interior mirror
SB1	Fuse 1 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T12d	12-pin connector
T40	40-pin connector
Y7	Automatic anti-dazzle interior mirror
684	Earth point on front of left side member
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for basic equipment
*3	Wiring colour depends on equipment



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Voltage stabiliser

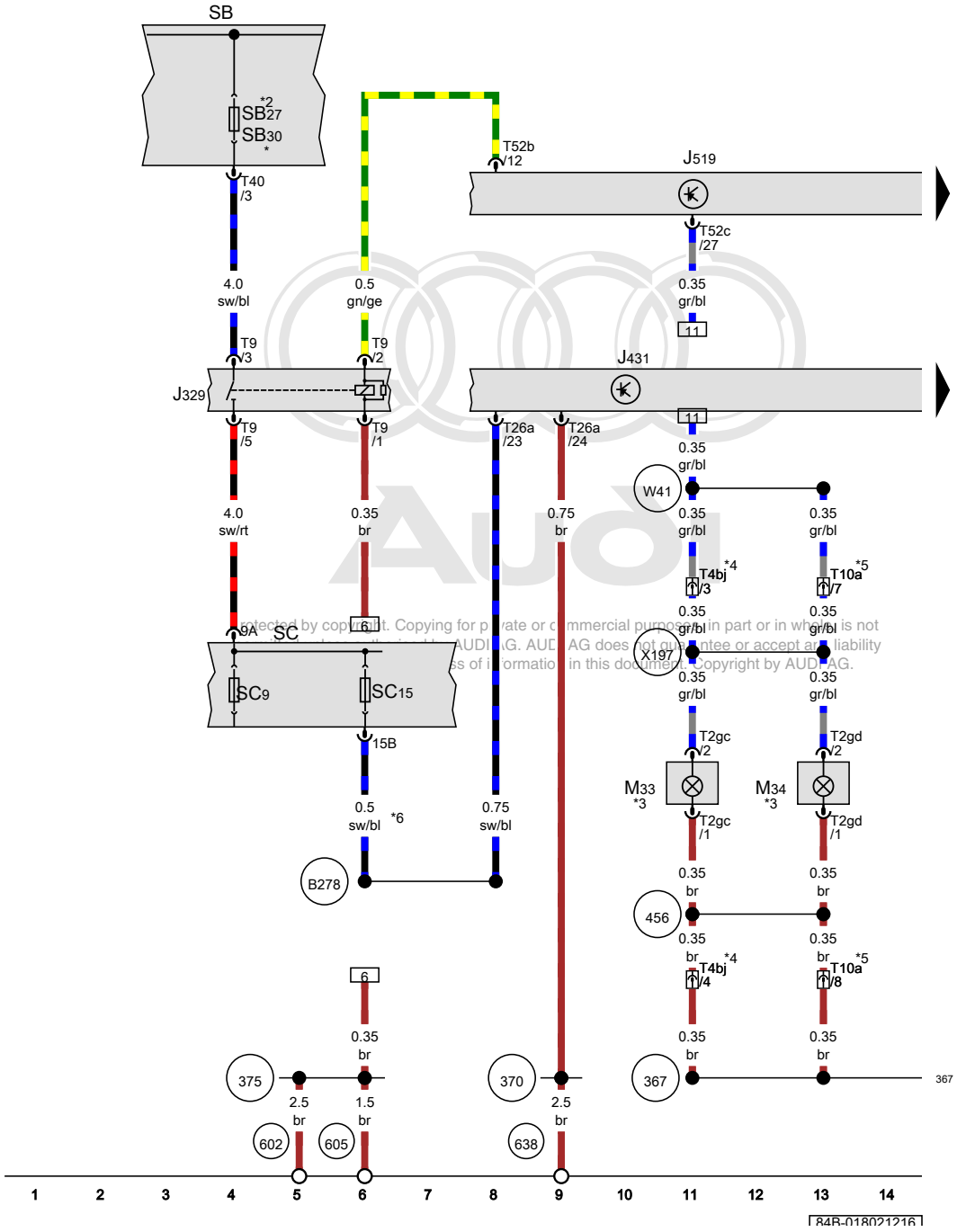
J525	Digital sound package control unit
J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R	Radio
SB18	Fuse 18 on fuse holder B
SC19	Fuse 19 on fuse holder C
T12d	12-pin connector
T40	40-pin connector
684	Earth point on front of left side member
B327	Positive connection 13 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with 400 W voltage stabiliser
*2	Only models with BOSE sound system
*3	Only models with active loudspeakers
*4	Only models with passive loudspeakers
*5	Only models with MMI
*6	Only models with radio concert
*7	see applicable current flow diagram for engine

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
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Gas discharge headlights with automatic headlight range control , (8Q3),(GP1)

From August 2011

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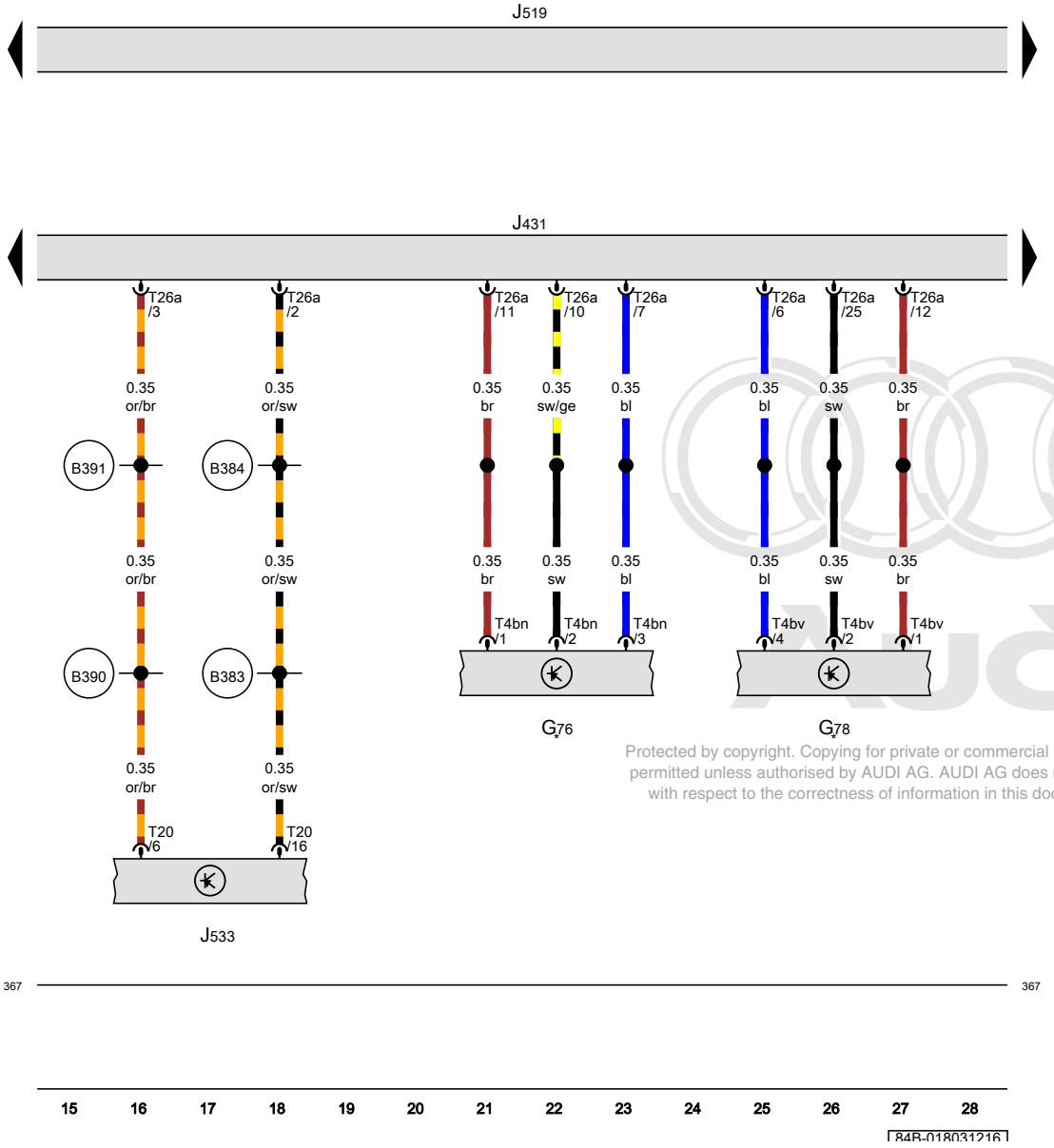
Terminal 15 voltage supply relay, Headlight range control unit, Onboard supply control unit

J329	Terminal 15 voltage supply relay
J431	Headlight range control unit
J519	Onboard supply control unit
M33	Front left side marker bulb
M34	Front right side marker bulb
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC15	Fuse 15 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
T2gc	2-pin connector
T2gd	2-pin connector
T4bj	4-pin connector
T9	9-pin connector
T10a	10-pin connector
T26a	26-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
370	Earth connection 5, in main wiring harness
375	Earth connection 10, in main wiring harness
456	Earth connection 1, front bumper wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B278	Positive connection 2 (15a) in main wiring harness
W41	Positive connection (58), in number plate lights wiring harness
X197	Connection 1, in lower front bumper 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

*	Up to October 2012
*2	From November 2012
*3	Only models with US equipment
*4	According to equipment
*5	Only models with parking aid (PDC)
*6	Cross section depends on equipment

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



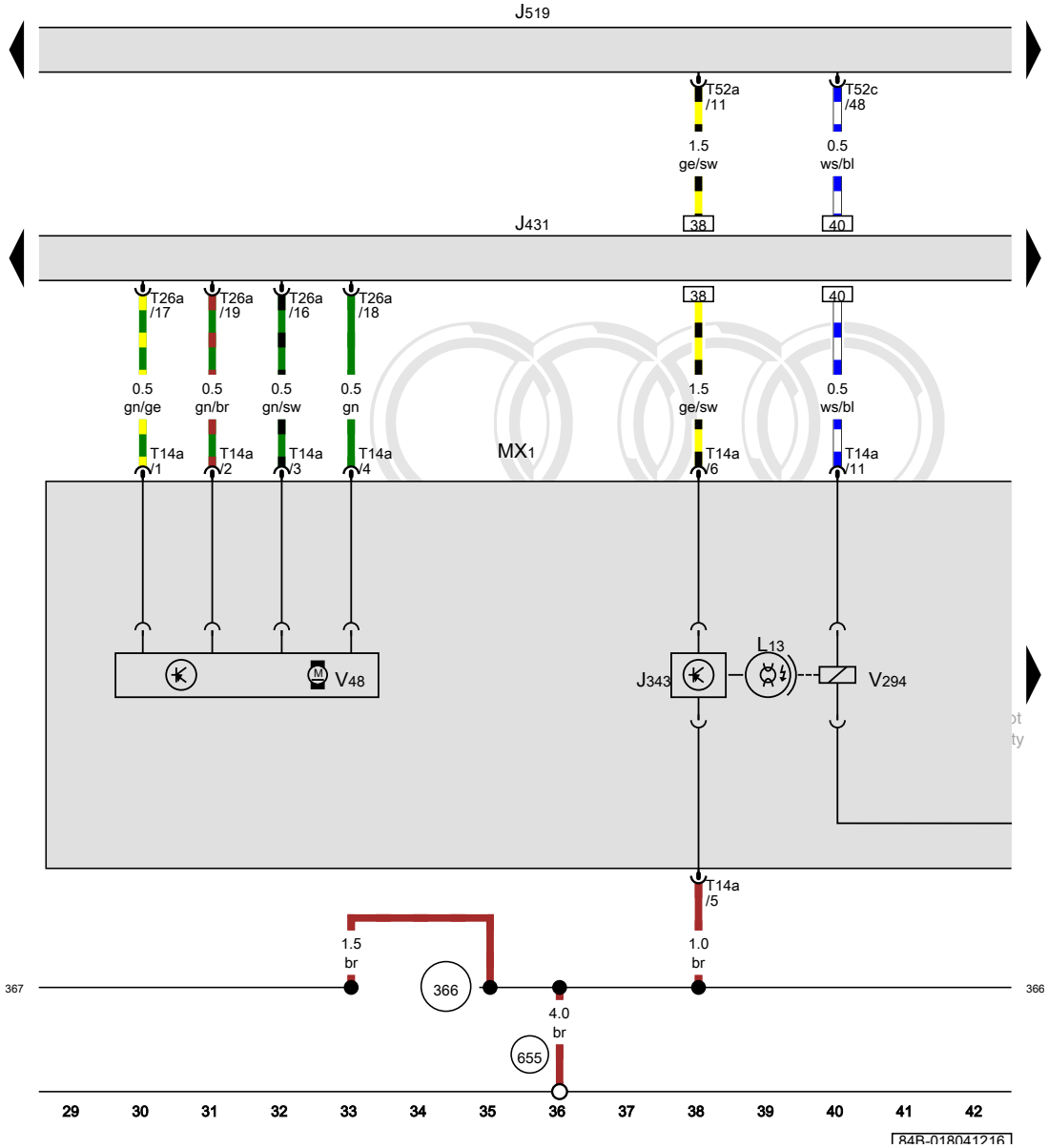
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G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J431	Headlight range control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T4bn	4-pin connector
T4bv	4-pin connector
T20	20-pin connector
T26a	26-pin connector
367	Earth connection 2, 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
*	According to equipment

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

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

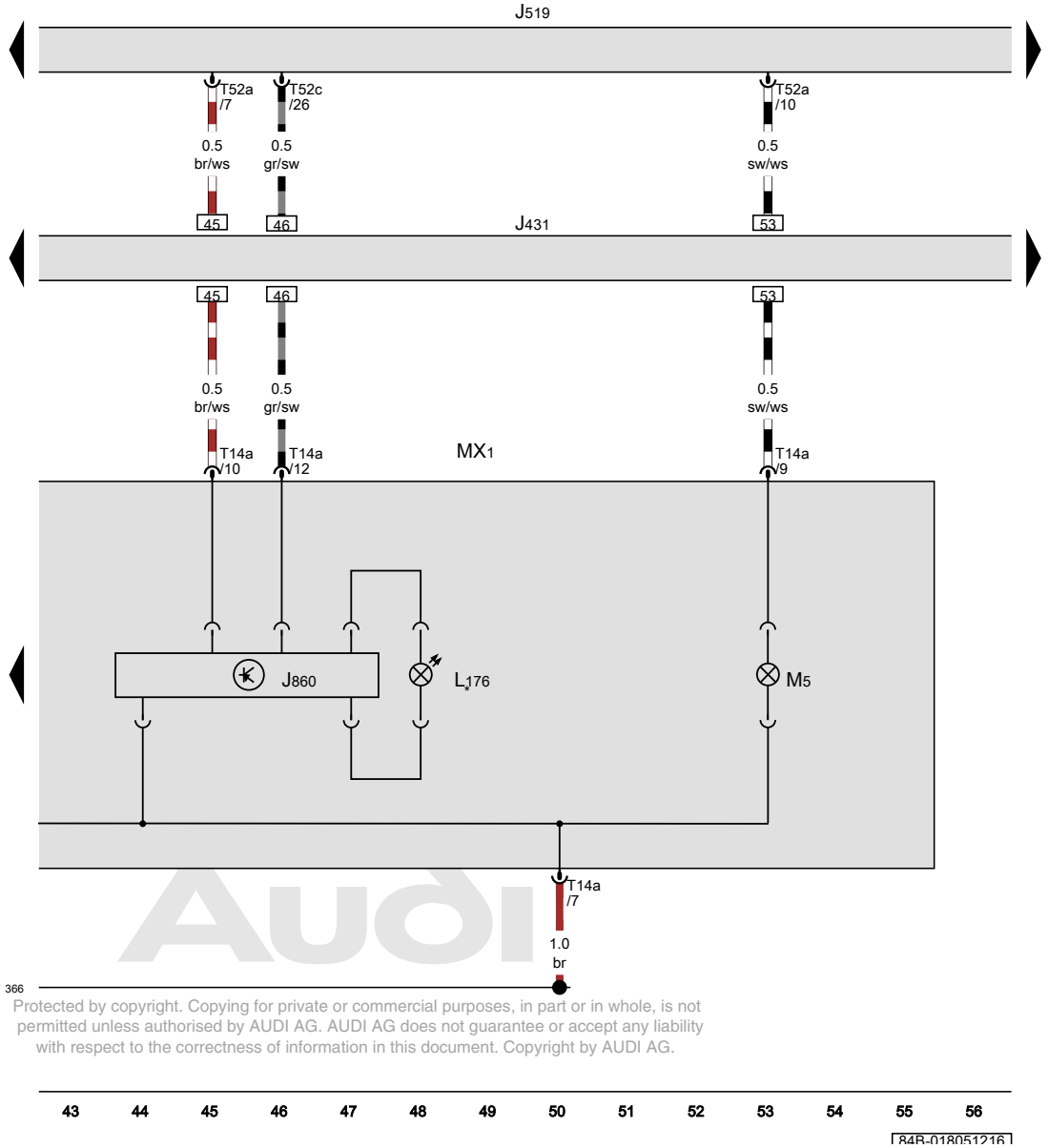
J343	Left gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
L13	Left gas discharge (xenon) bulb
MX1	Front left headlight
T14a	14-pin connector
T26a	26-pin connector
T52a	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight



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

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

J431	Headlight range control unit
J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
T14a	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
366	Earth connection 1, in main wiring harness
*	Only models with daytime running lights

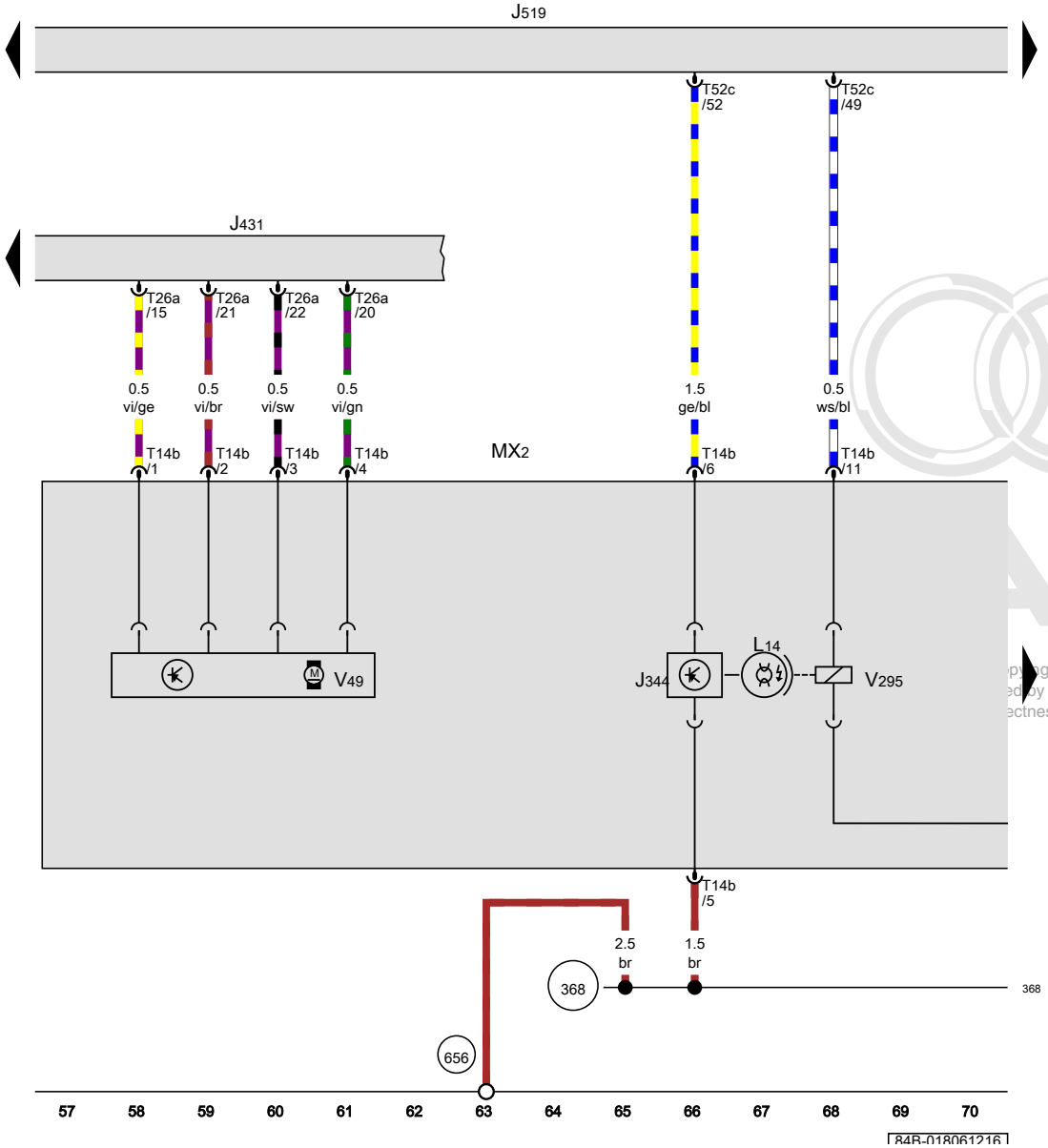


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Right gas discharge bulb control unit, Headlight range control unit, Onboard supply control unit, Right gas discharge (xenon) bulb, Front right headlight, Right headlight range control motor, Right dip beam screen motor

J344	Right gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
L14	Right gas discharge (xenon) bulb
MX2	Front right headlight
T14b	14-pin connector
T26a	26-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight

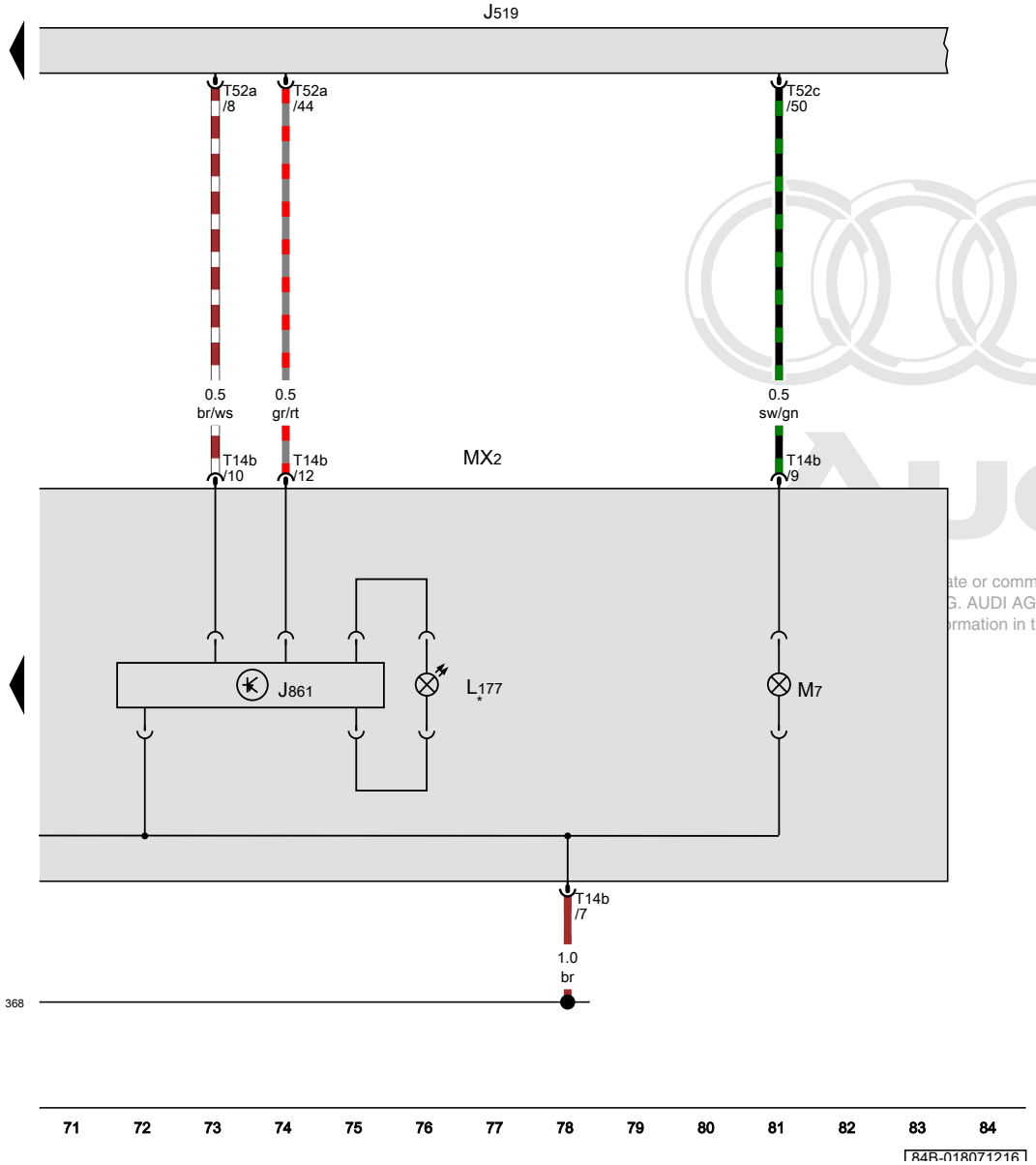


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Onboard supply control unit, Front right headlight, Front right turn signal bulb

J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
T14b	14-pin connector
T52a	52-pin connector
T52c	52-pin connector
368	Earth connection 3, in main wiring harness
*	Only models with daytime running lights



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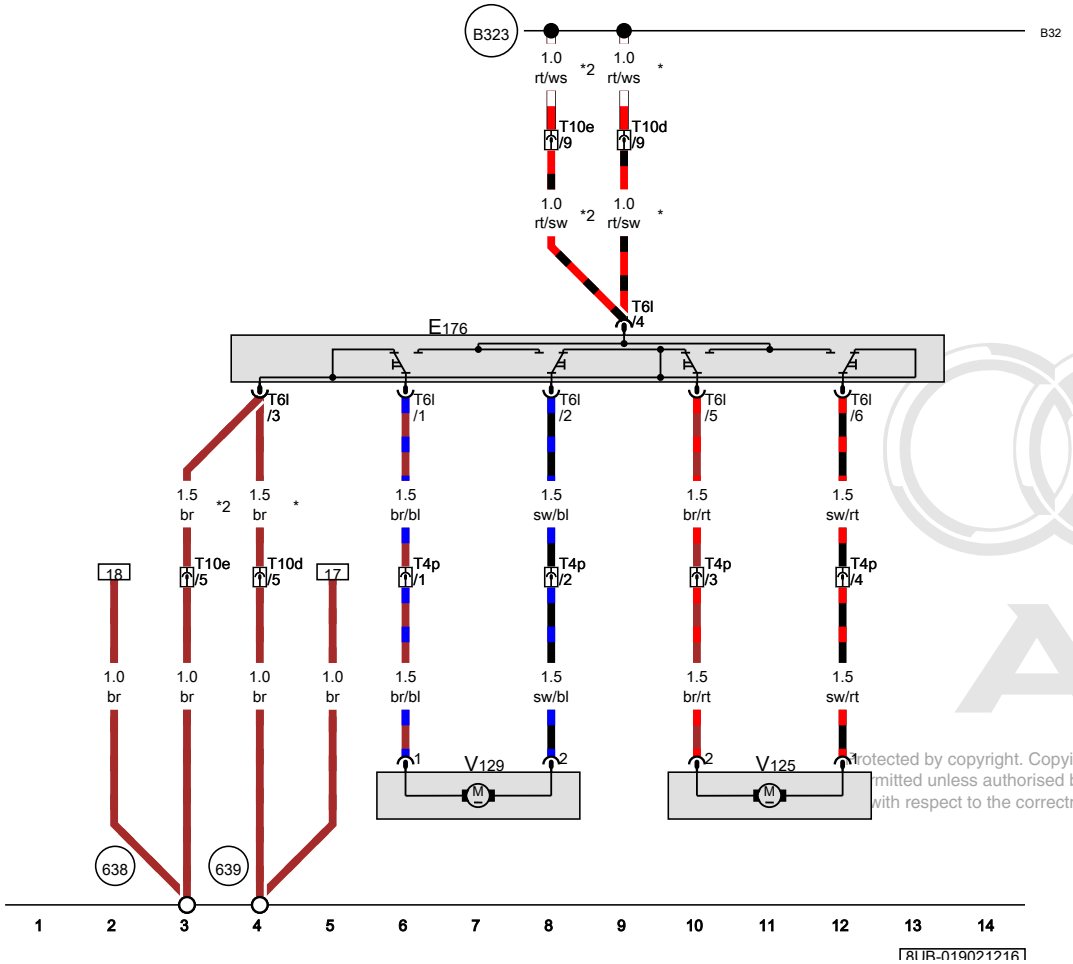
Adjustable lumbar support with no electric adjustable seat , (7P1),(7P7),(7P8)

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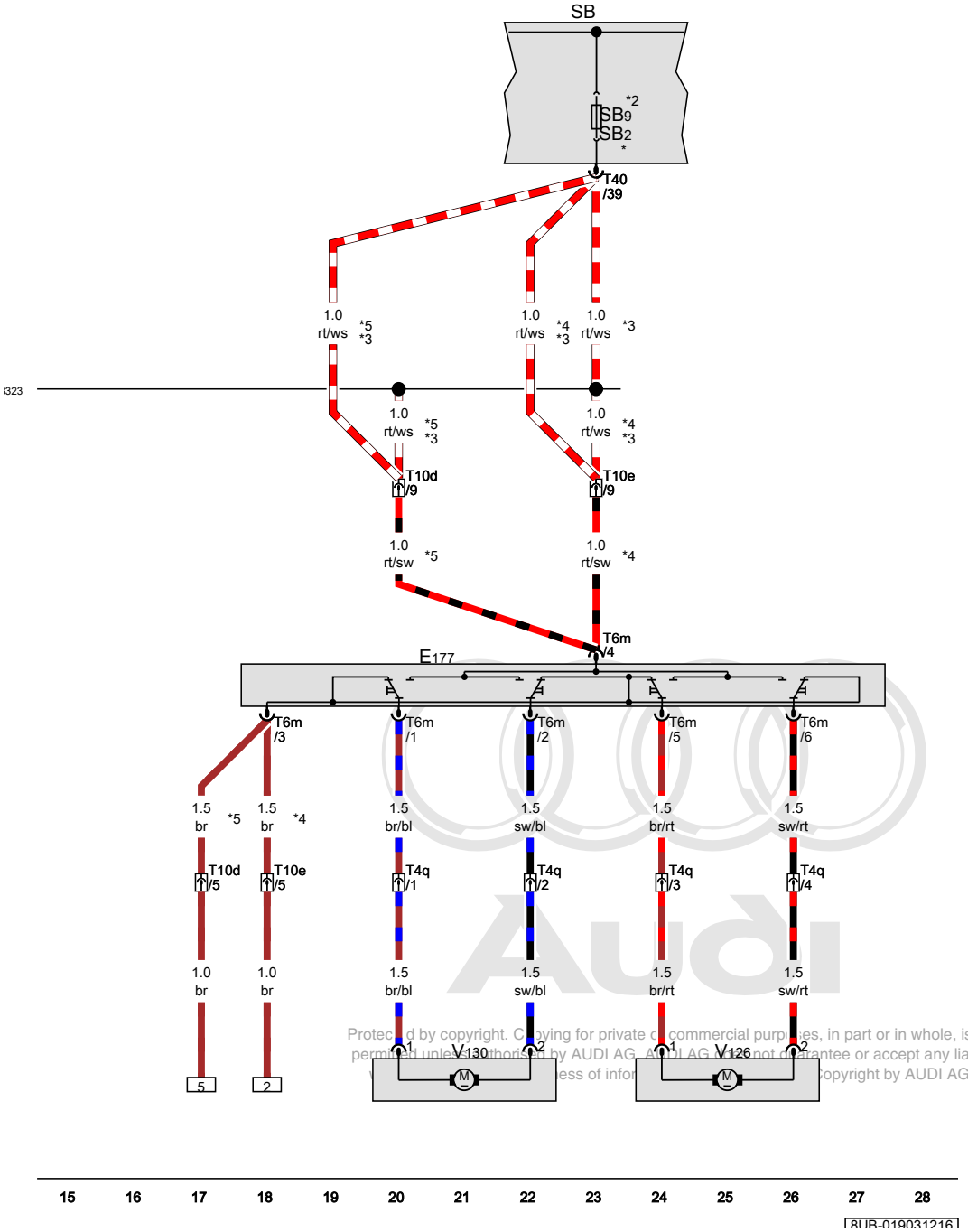
Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

E176	Driver seat lumbar support adjustment switch
T4p	4-pin connector, in seat
T6l	6-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
B323	Positive connection 9 (30a) in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models



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rs = pink

Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

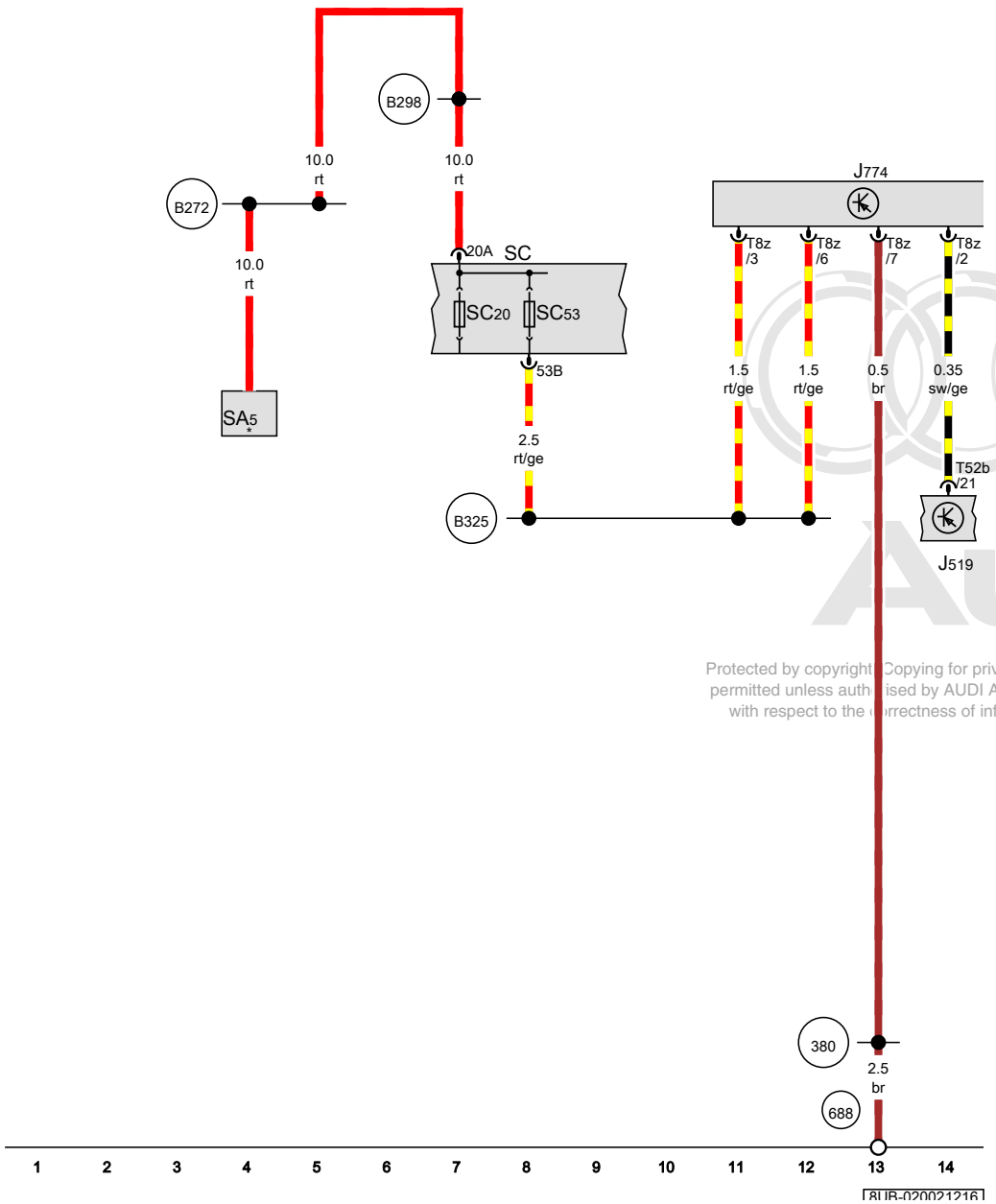
E177	Front passenger seat lumbar support adjustment switch
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB9	Fuse 9 on fuse holder B
T4q	4-pin connector, in seat
T6m	6-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T40	40-pin connector
V126	Front passenger seat lumbar support longitudinal adjustment motor
V130	Front passenger seat lumbar support height adjustment motor
B323	Positive connection 9 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	According to equipment
*4	Only left-hand drive models
*5	Only right-hand drive models

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Seat heating for models with manual air conditioning system , (4A3)

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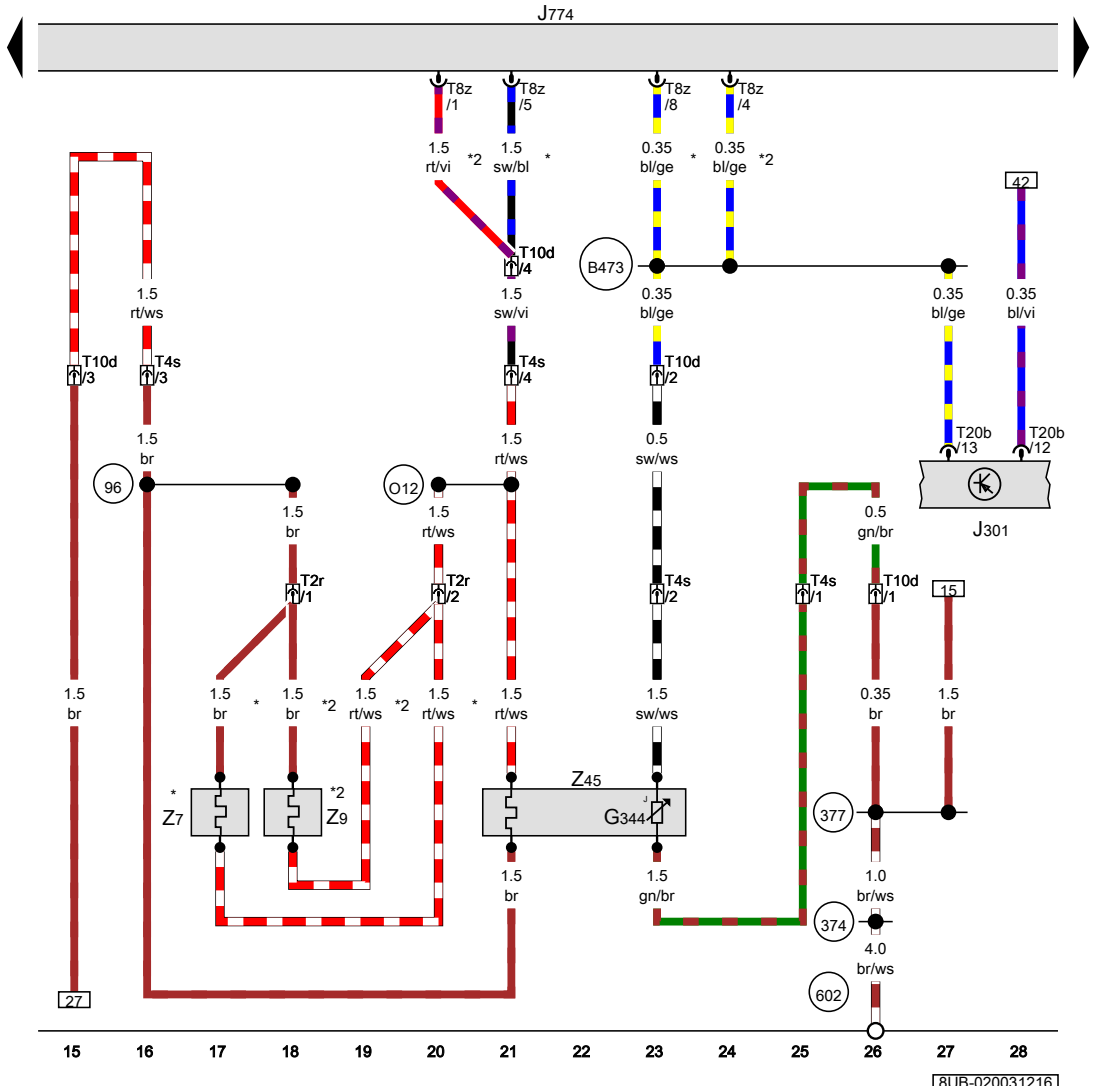


Heated front seats control unit

J519	Onboard supply control unit
J774	Heated front seats control unit
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8z	8-pin connector
T52b	52-pin connector
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B325	Positive connection 11 (30a) in main wiring harness
*	see applicable current flow diagram for battery

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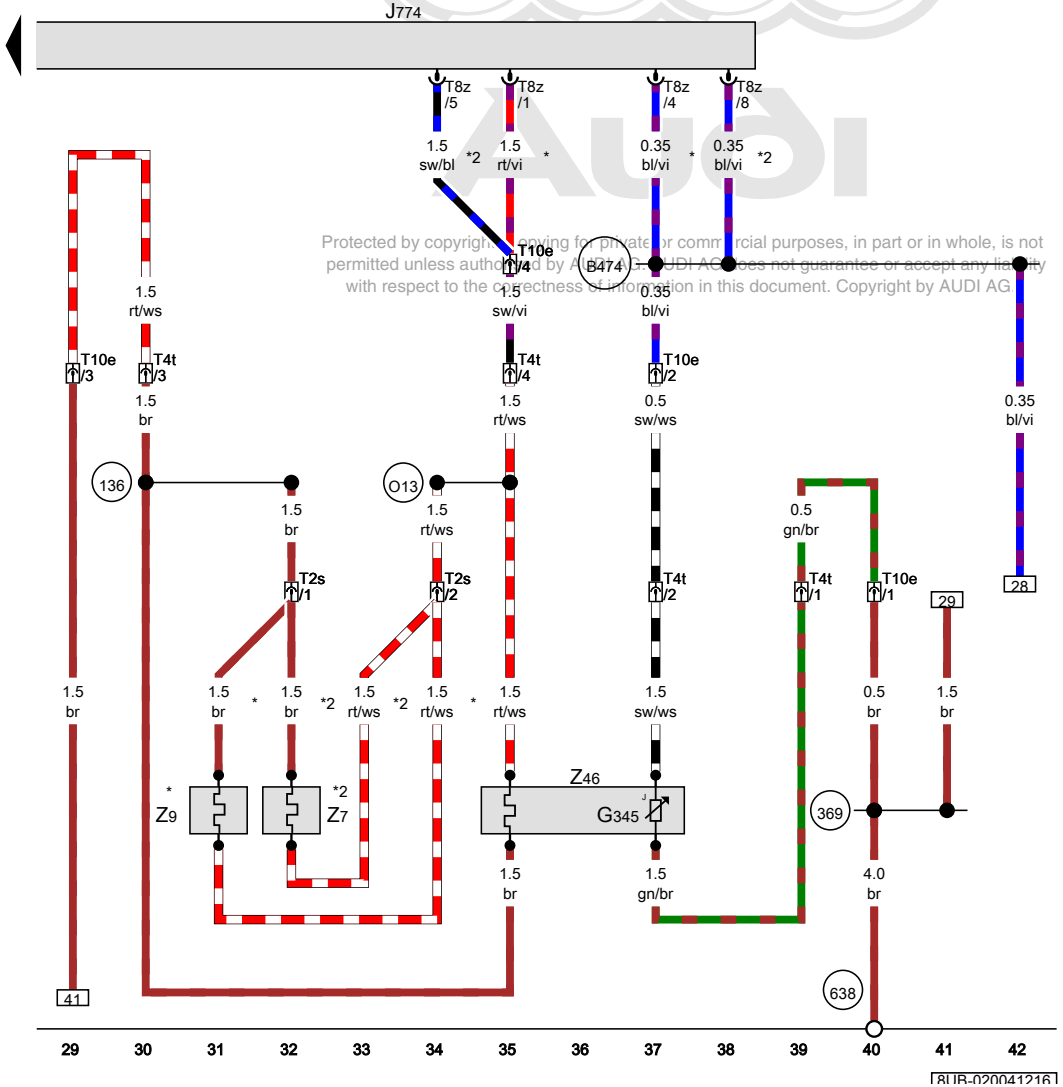


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Heated front seats control unit

G344	Front left seat temperature sender
J301	Air conditioning system control unit
J774	Heated front seats control unit
T2r	2-pin connector, in seat
T4s	4-pin connector, in seat
T8z	8-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T20b	20-pin connector
Z7	Heated backrest for driver seat
Z9	Heated backrest for front passenger seat
Z45	Heated seat cushion for front left seat
96	Earth connection 1, in seat heating wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
B473	Connection 9, in main wiring harness
O12	Connection 1, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

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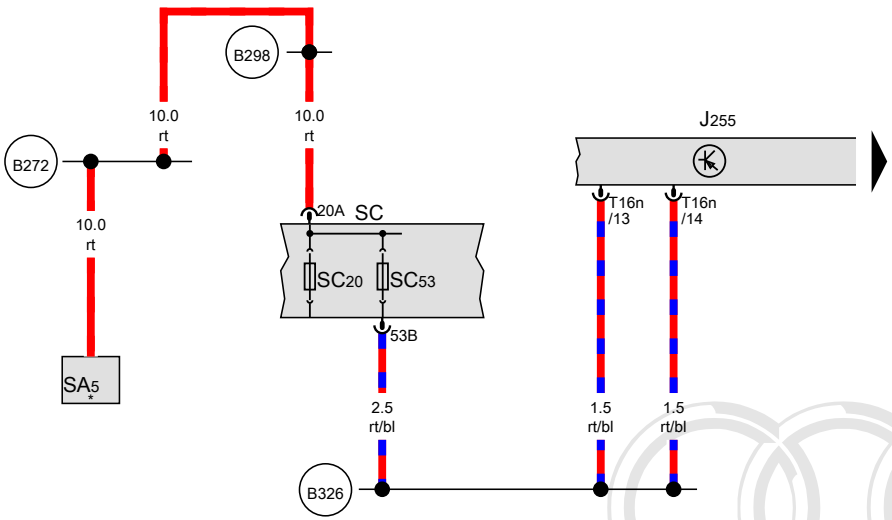
Heated front seats control unit

G345	Front right seat temperature sender
J774	Heated front seats control unit
T2s	2-pin connector, in seat
T4t	4-pin connector, in seat
T8z	8-pin connector
T10e	10-pin connector, in coupling point for front seat, right
Z7	Heated backrest for driver seat
Z9	Heated backrest for front passenger seat
Z46	Heated seat cushion for front right seat
136	Earth connection 2, in seat heating wiring harness
369	Earth connection 4, in main wiring harness
638	Earth point, on right A-pillar
B474	Connection 10, in main wiring harness
O13	Connection 2, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

Seat heating for models with automatic air conditioning system , (4A3)

From August 2011

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Climatronic control unit, Fuse holder C

J255	Climatronic control unit
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC53	Fuse 53 on fuse holder C
T16n	16-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
*	see applicable current flow diagram for battery

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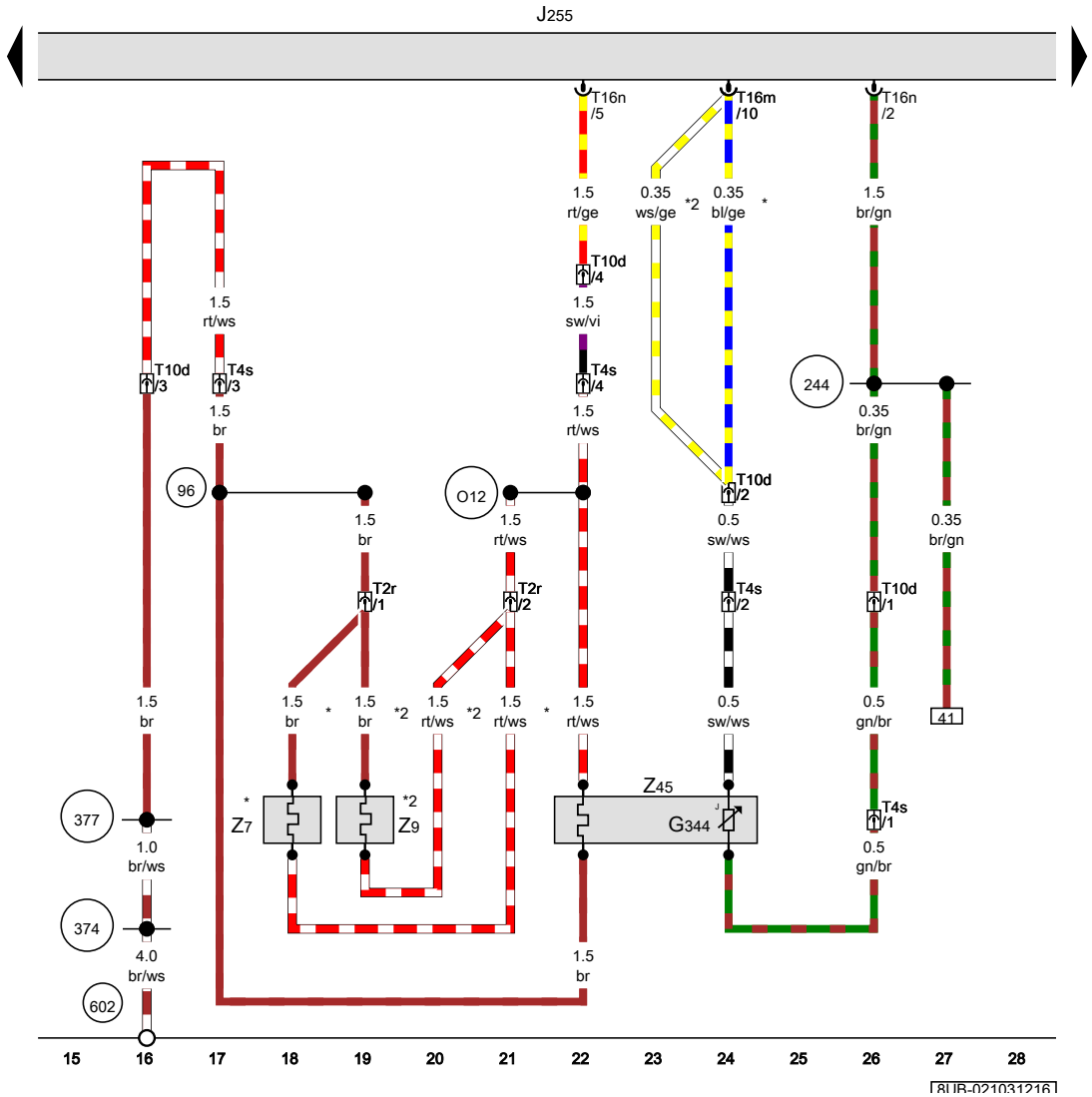
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1 2 3 4 5 6 7 8 9 10 11 12 13 14

[8UB-021021216]

Front left seat temperature sender, Climatronic control unit, Heated backrest for driver seat, Heated seat cushion for front left seat

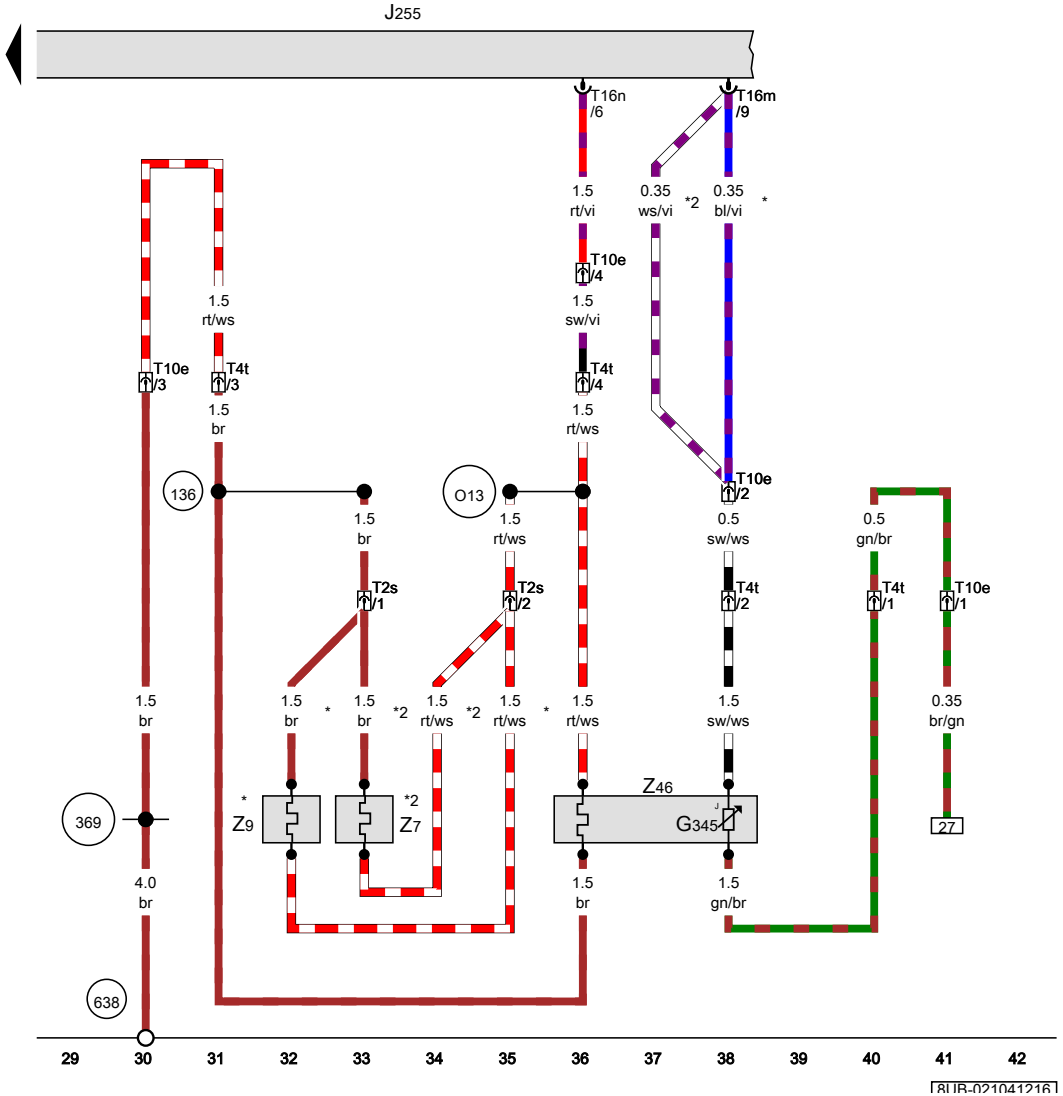
G344	Front left seat temperature sender
J255	Climatronic control unit
T2r	2-pin connector, in seat
T4s	4-pin connector, in seat
T10d	10-pin connector, in coupling point for front seat, left
T16m	16-pin connector
T16n	16-pin connector
Z7	Heated backrest for driver seat
Z9	Heated backrest for front passenger seat
Z45	Heated seat cushion for front left seat
96	Earth connection 1, in seat heating wiring harness
244	Earth connection (sender earth), in Climatronic wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
O12	Connection 1, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models



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Front right seat temperature sender, Climatronic control unit, Heated backrest for front passenger seat, Heated seat cushion for front right seat



G345	Front right seat temperature sender
J255	Climatronic control unit
T2s	2-pin connector, in seat
T4t	4-pin connector, in seat
T10e	10-pin connector, in coupling point for front seat, right
T16m	16-pin connector
T16n	16-pin connector
Z7	Heated backrest for driver seat
Z9	Heated backrest for front passenger seat
Z46	Heated seat cushion for front right seat
136	Earth connection 2, in seat heating wiring harness
369	Earth connection 4, in main wiring harness
638	Earth point, on right A-pillar
O13	Connection 2, in seat heating wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

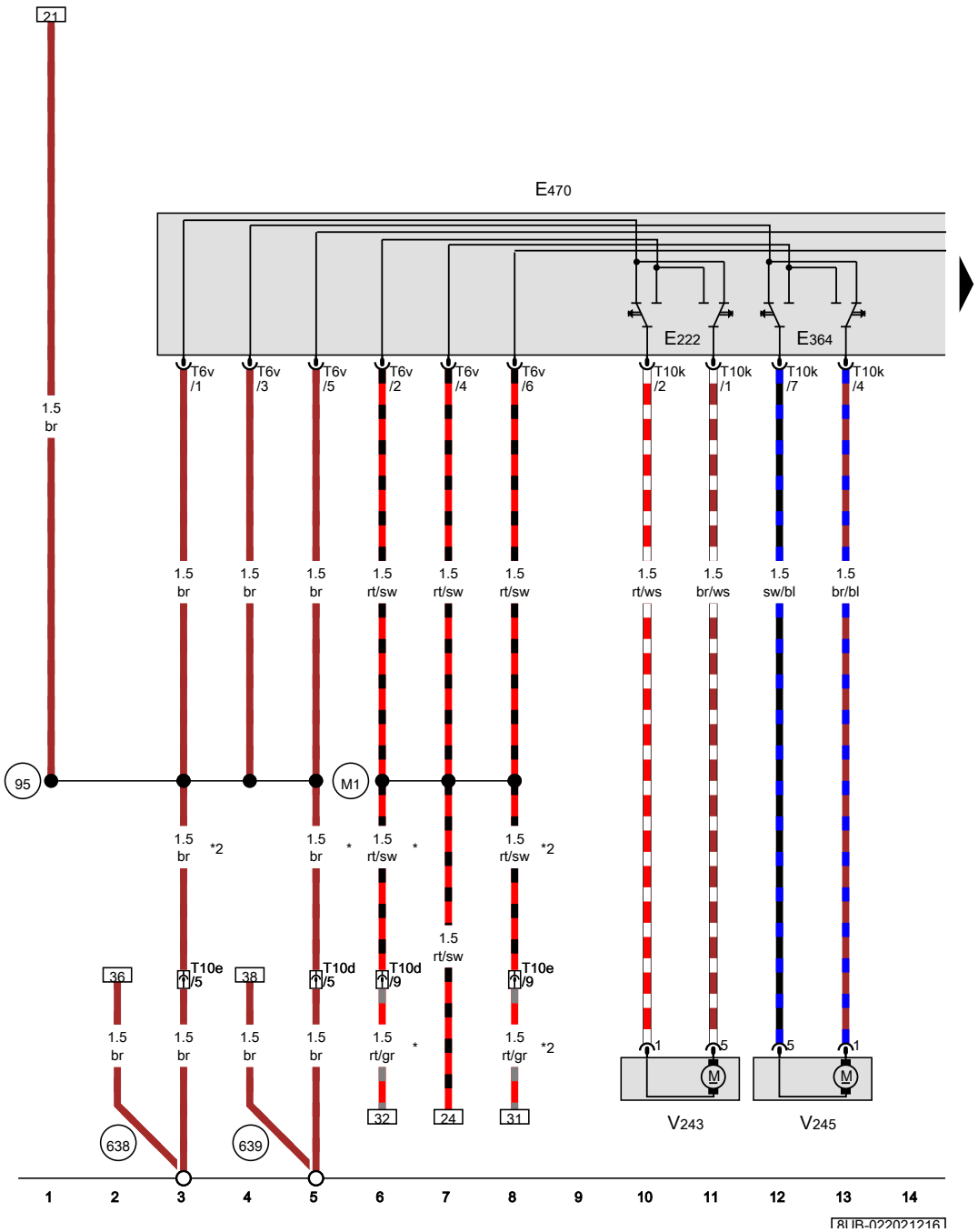
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Adjustable driver and front passenger seats , (3L5)

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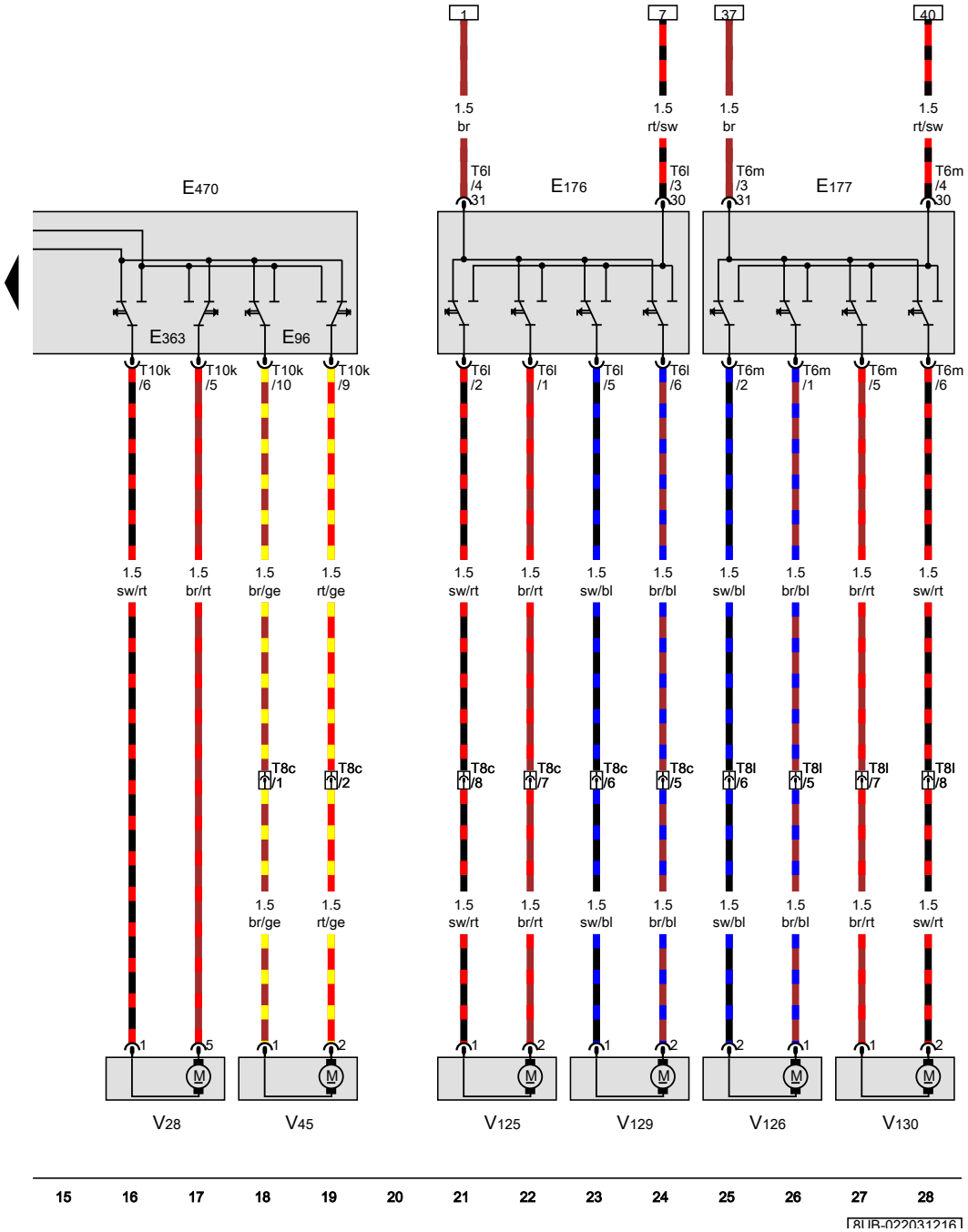


Driver seat adjustment operating unit

E222	Driver seat rake adjustment switch
E364	Driver seat height adjustment switch
E470	Driver seat adjustment operating unit
T6v	6-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T10k	10-pin connector
V243	Driver seat rake adjustment motor
V245	Driver seat height adjustment motor
95	Earth connection 1, in seat adjustment wiring harness
638	Earth point, on right A-pillar
639	Earth point, left A-pillar
M1	Positive connection 1 (30), in seat adjustment wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

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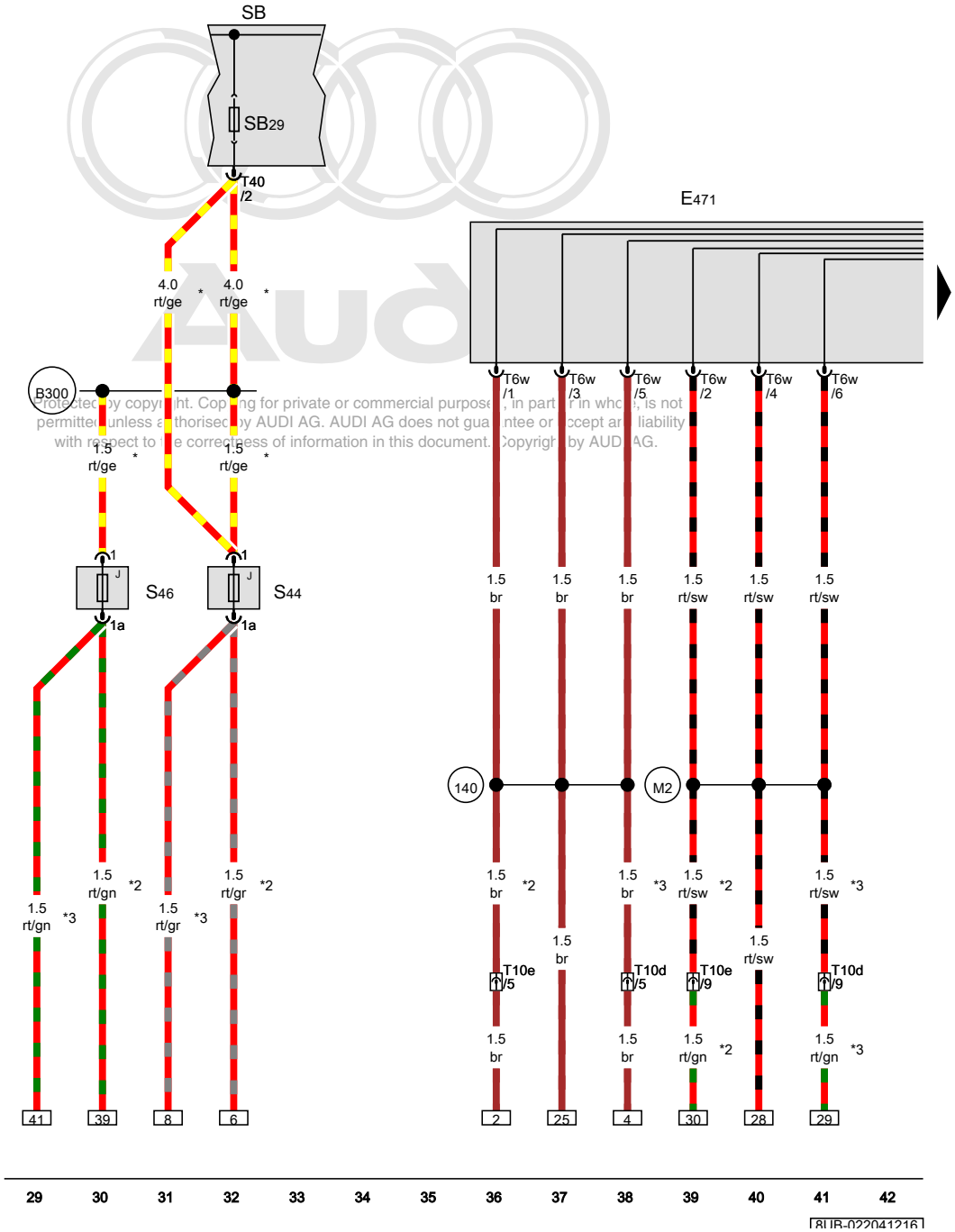


Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Driver seat adjustment operating unit

E96	Driver seat backrest adjustment switch
E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
E363	Driver seat longitudinal adjustment switch
E470	Driver seat adjustment operating unit
T6l	6-pin connector
T6m	6-pin connector
T8c	8-pin connector, in driver seat
T8l	8-pin connector, in front passenger seat
T10k	10-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
V125	Driver seat lumbar support longitudinal adjustment motor
V126	Front passenger seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
V130	Front passenger seat lumbar support height adjustment motor

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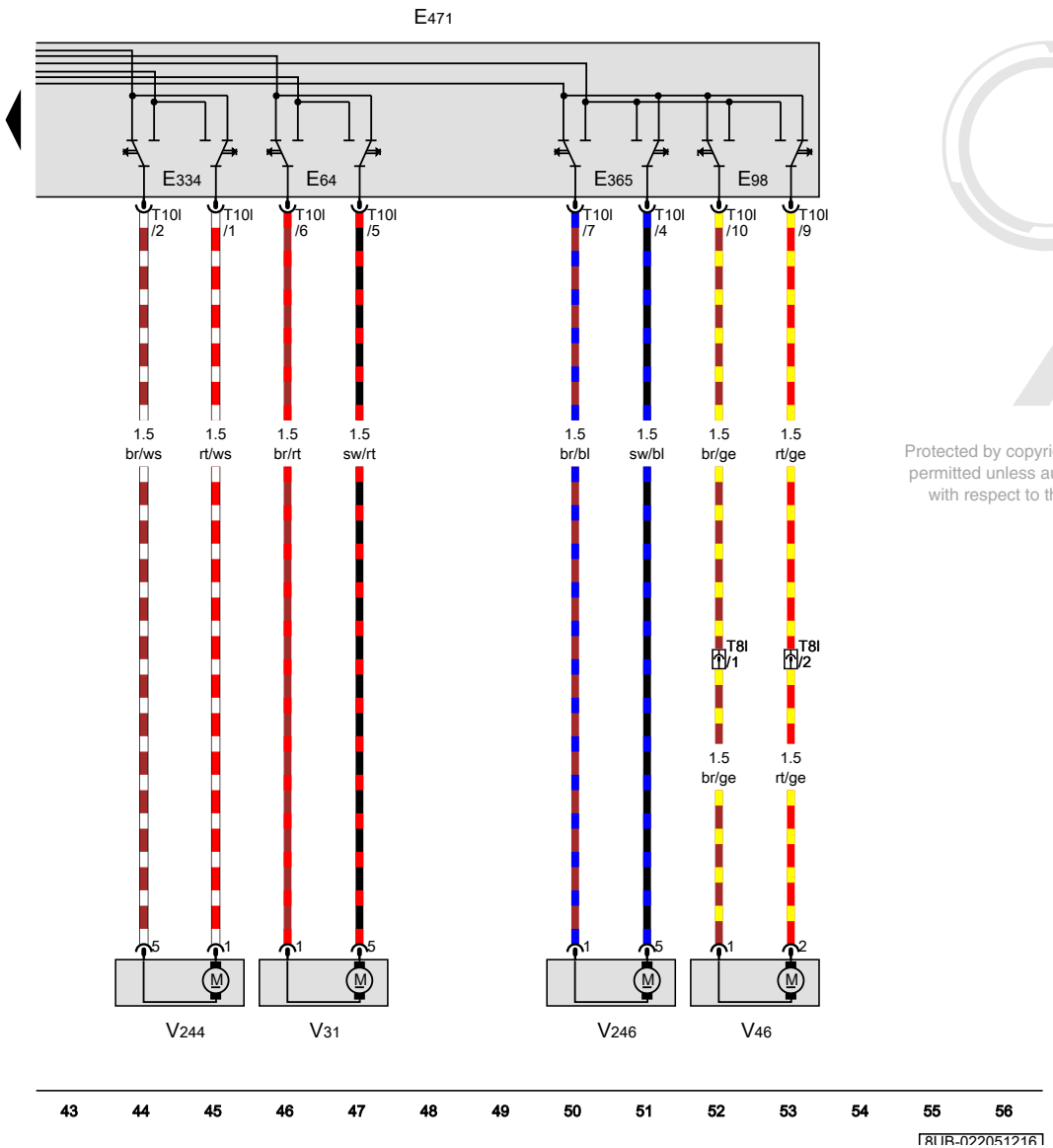
Front passenger seat adjustment operating unit, Driver seat adjustment thermal fuse 1, Front passenger seat adjustment thermal fuse 1

E471	Front passenger seat adjustment operating unit
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
SB	Fuse holder B
SB29	Fuse 29 on fuse holder B
T6w	6-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T40	40-pin connector
140	Earth connection 2, in seat adjustment wiring harness
B300	Positive connection 4 (30), in main wiring harness
M2	Positive connection 2 (30), in seat adjustment wiring harness
*	According to equipment
*2	Only left-hand drive models
*3	Only right-hand drive models

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rs	=	pink

Front passenger seat adjustment operating unit

E64	Front passenger seat longitudinal adjustment switch
E98	Front passenger seat backrest adjustment switch
E334	Front passenger seat rake adjustment button
E365	Front passenger seat height adjustment switch
E471	Front passenger seat adjustment operating unit
T8l	8-pin connector, in front passenger seat
T10l	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



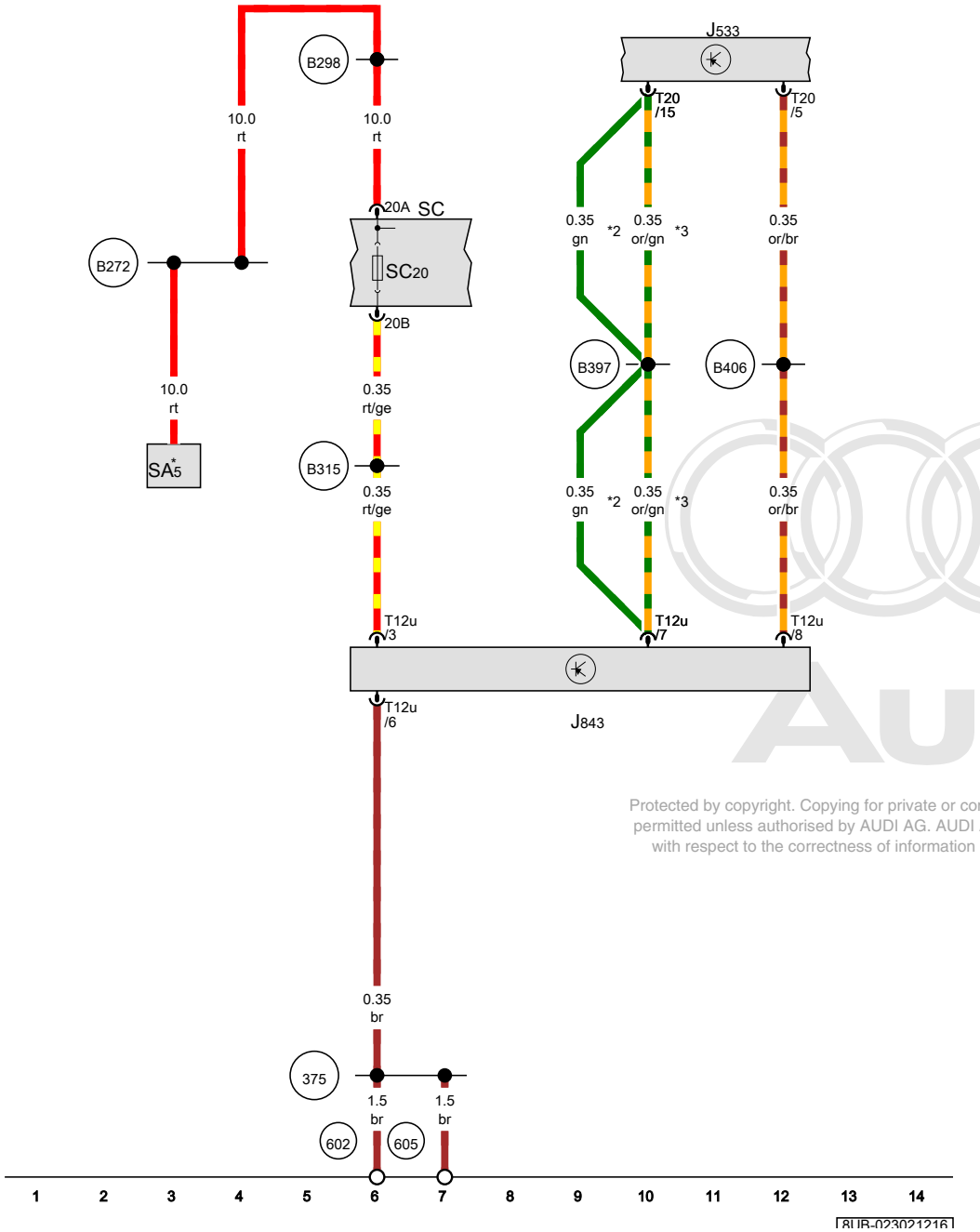
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Interface for special functions , (7G9)

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[8UB-023021216]

Data bus diagnostic interface, Interface control unit for vehicle location system

J533	Data bus diagnostic interface
J843	Interface control unit for vehicle location system
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
T12u	12-pin connector
T20	20-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for battery
*2	From November 2016
*3	Up to October 2016

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Data bus network

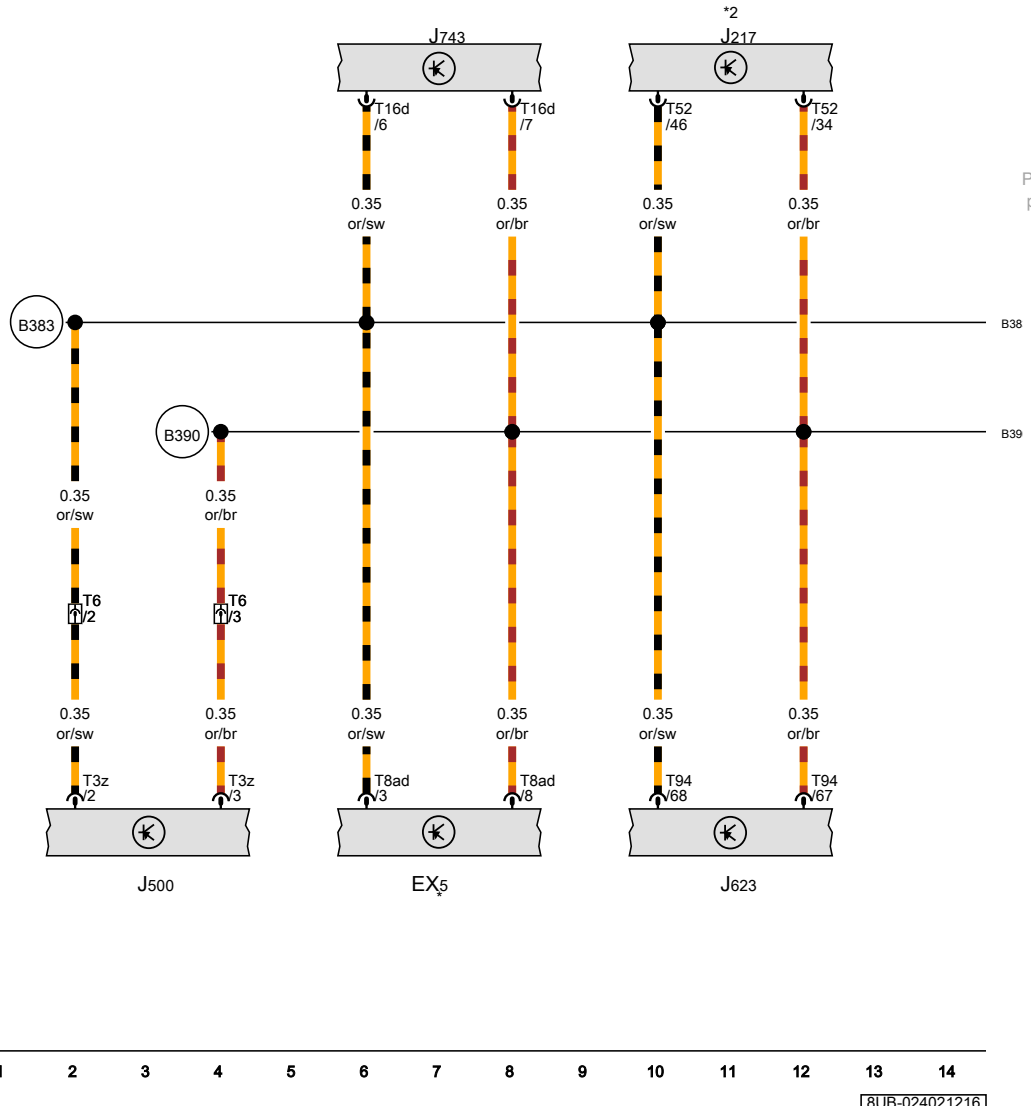
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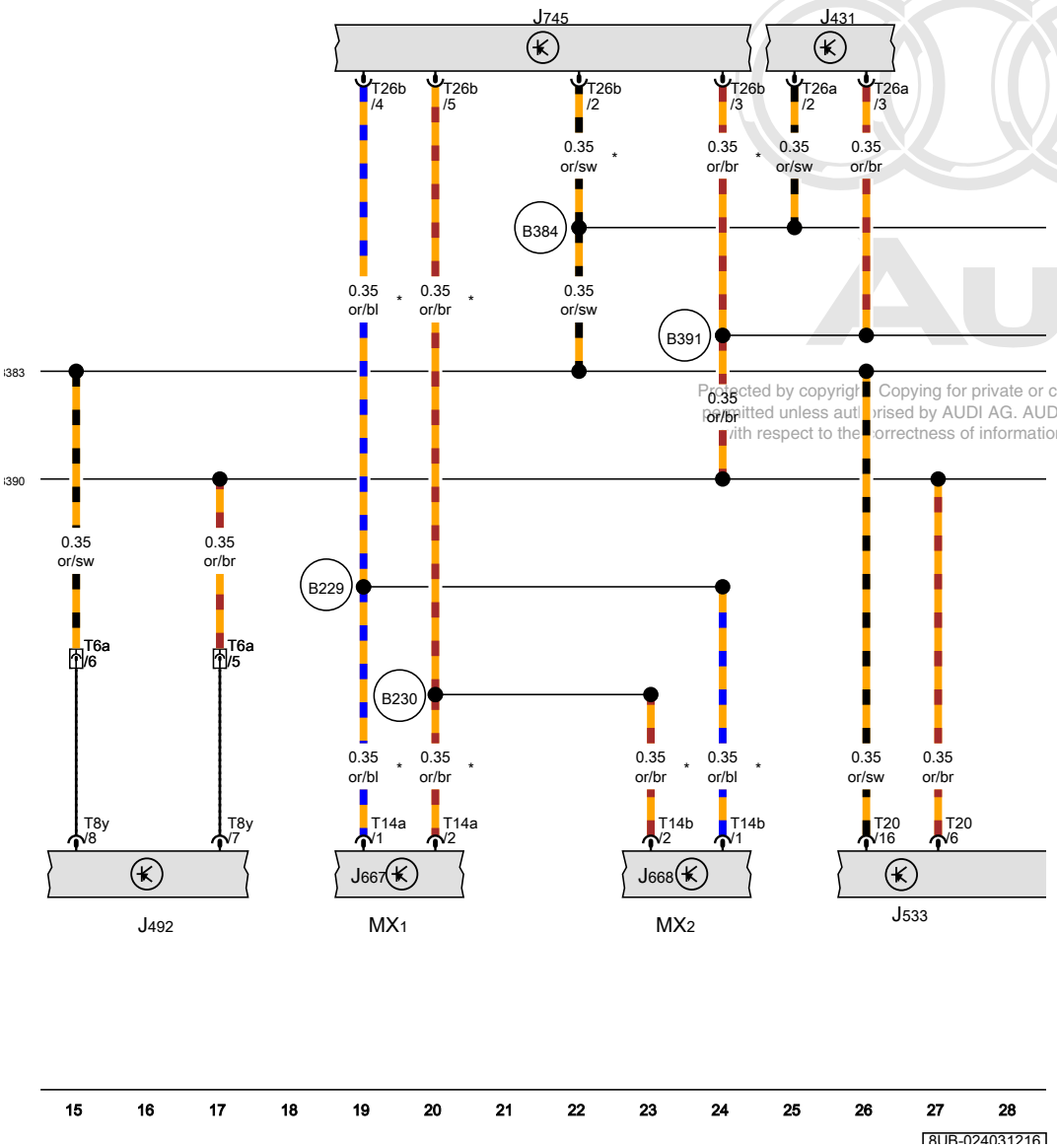
Connection 1 (powertrain CAN bus, high), in main wiring harness, Connection 1 (powertrain CAN bus, low), in main wiring harness

EX5	Interior mirror
J217	Automatic gearbox control unit
J500	Power steering control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T3z	3-pin connector
T6	6-pin connector, near front left longitudinal member
T8ad	8-pin connector
T16d	16-pin connector
T52	52-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
*	Only models with main beam assist
*2	Only models with US equipment

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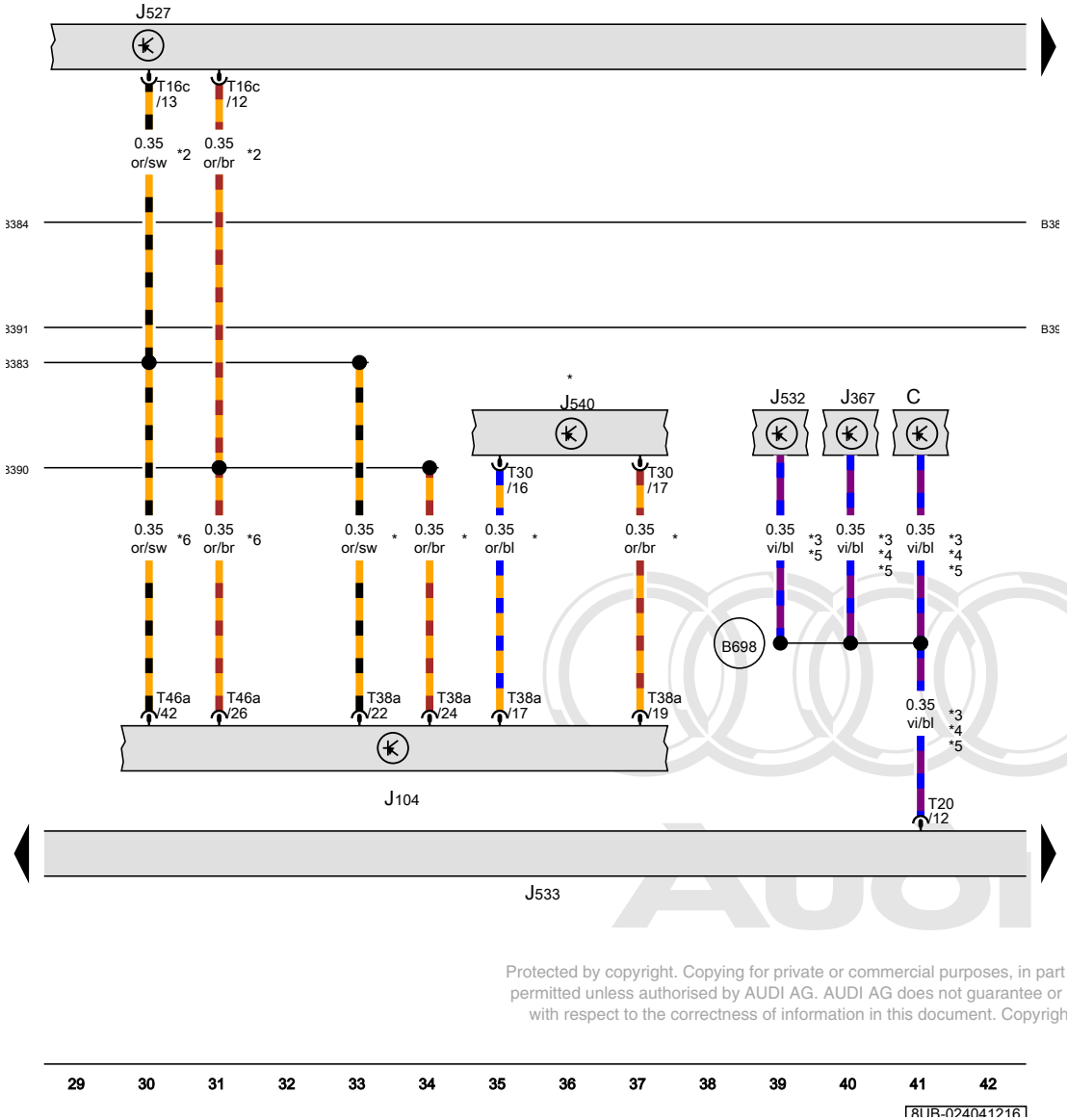


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Connection (high bus), in interior wiring harness, Connection (low bus), in interior wiring harness, Connection 1 (powertrain CAN bus, high), in main wiring harness, Connection 2 (powertrain CAN bus, high), in main wiring harness, Connection 1 (powertrain CAN bus, low), in main wiring harness, Connection 2 (powertrain CAN bus, low), in main wiring harness

J431	Headlight range control unit
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
J667	Output module for left headlight
J668	Output module for right headlight
J745	Control unit for cornering light and headlight range control
MX1	Front left headlight
MX2	Front right headlight
T6a	6-pin connector
T8y	8-pin connector
T14a	14-pin connector
T14b	14-pin connector
T20	20-pin connector
T26a	26-pin connector
T26b	26-pin connector
B229	Connection (high bus), in interior wiring harness
B230	Connection (low bus), 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
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
*	Only models with dynamic cornering light

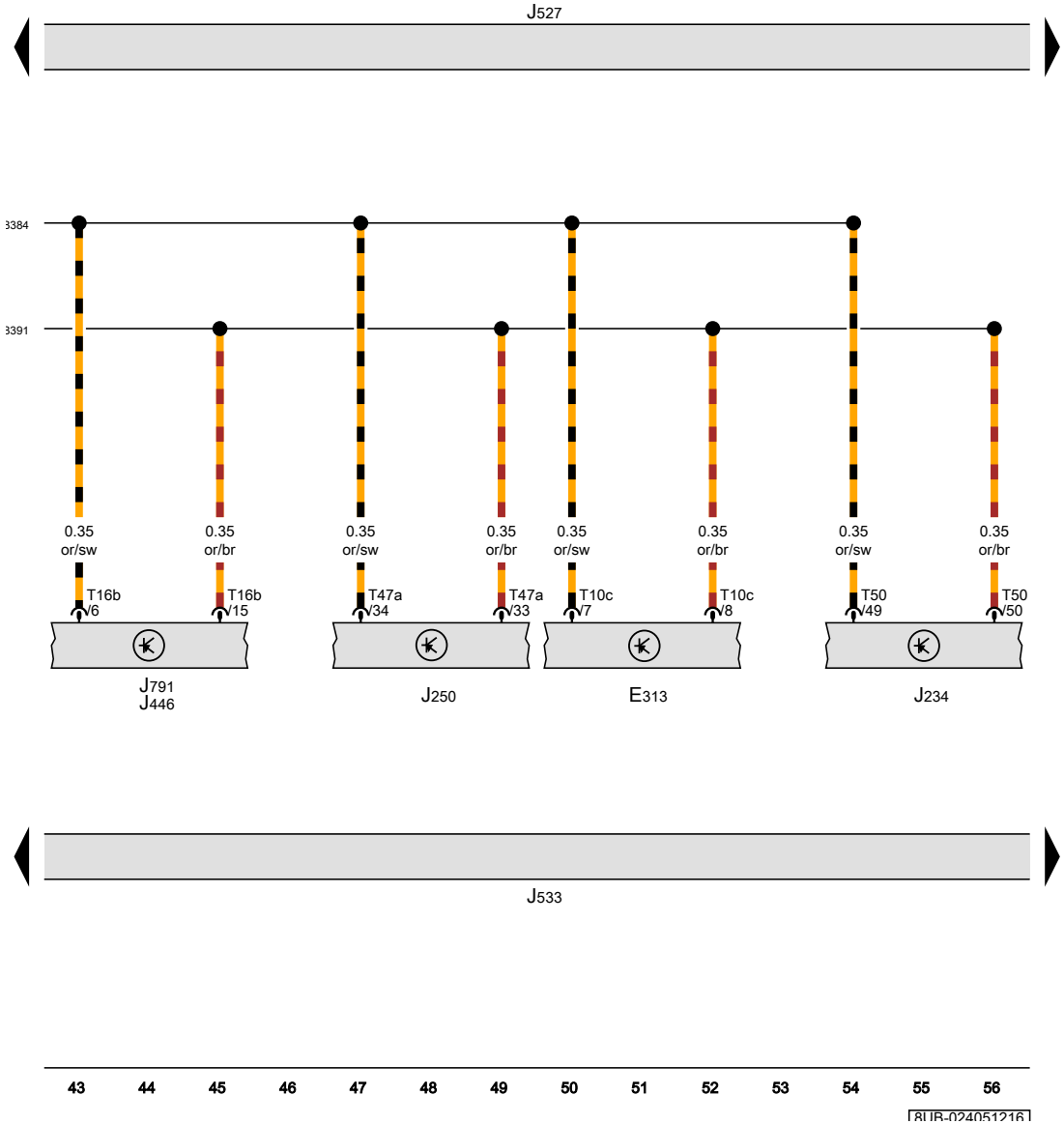


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Connection 1 (powertrain CAN bus, high), in main wiring harness, Connection 2 (powertrain CAN bus, high), in main wiring harness, Connection 1 (powertrain CAN bus, low), in main wiring harness, Connection 2 (powertrain CAN bus, low), in main wiring harness, Connection 3 (LIN bus) in main wiring harness

C	Alternator
J104	ABS control unit
J367	Battery monitor control unit
J527	Steering column electronics control unit
J532	Voltage stabiliser
J533	Data bus diagnostic interface
J540	Control unit for electromechanical parking brake
T16c	16-pin connector
T20	20-pin connector
T30	30-pin connector
T38a	38-pin connector
T46a	46-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
B698	Connection 3 (LIN bus) in main wiring harness
*	Up to October 2014
*2	Only left-hand drive models
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery
*6	From November 2014



Connection 2 (powertrain CAN bus, high), in main wiring harness, Connection 2 (powertrain CAN bus, low), in main wiring harness

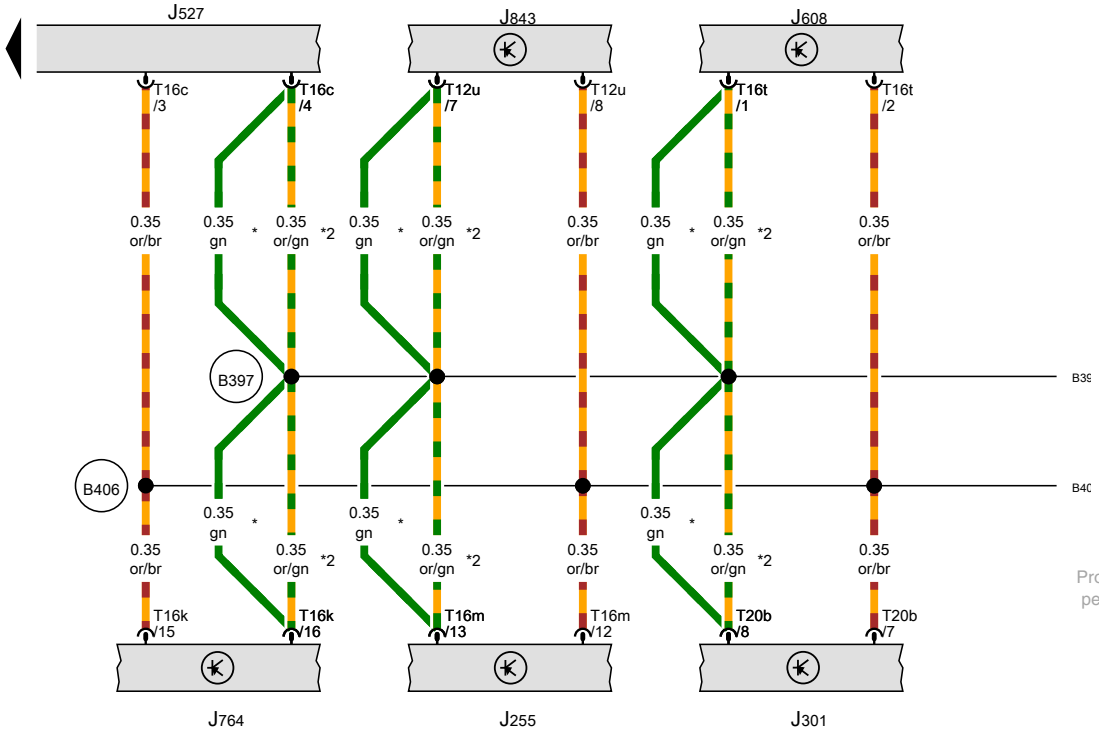
E313	Selector lever
J234	Airbag control unit
J250	Electronically controlled damping control unit
J446	Parking aid control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J791	Park assist steering control unit
T10c	10-pin connector
T16b	16-pin connector
T47a	47-pin connector
T50	50-pin connector
B384	Connection 2 (powertrain CAN bus, high), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness

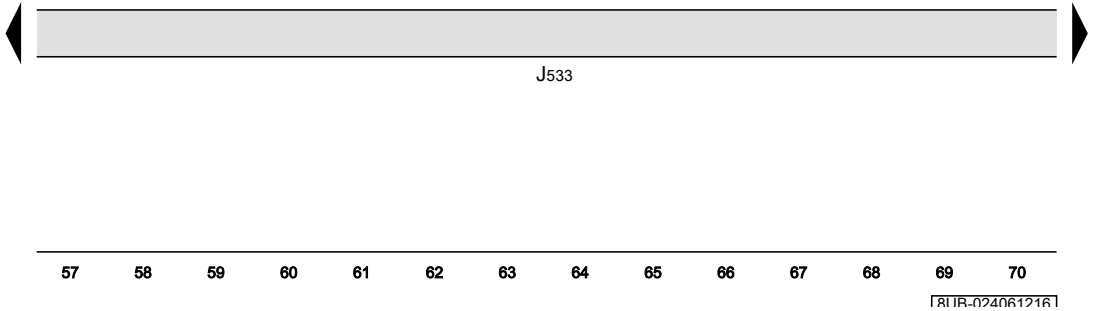
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Connection 1 (convenience CAN bus, high), in main wiring harness, Connection 1 (convenience CAN bus, low), in main wiring harness

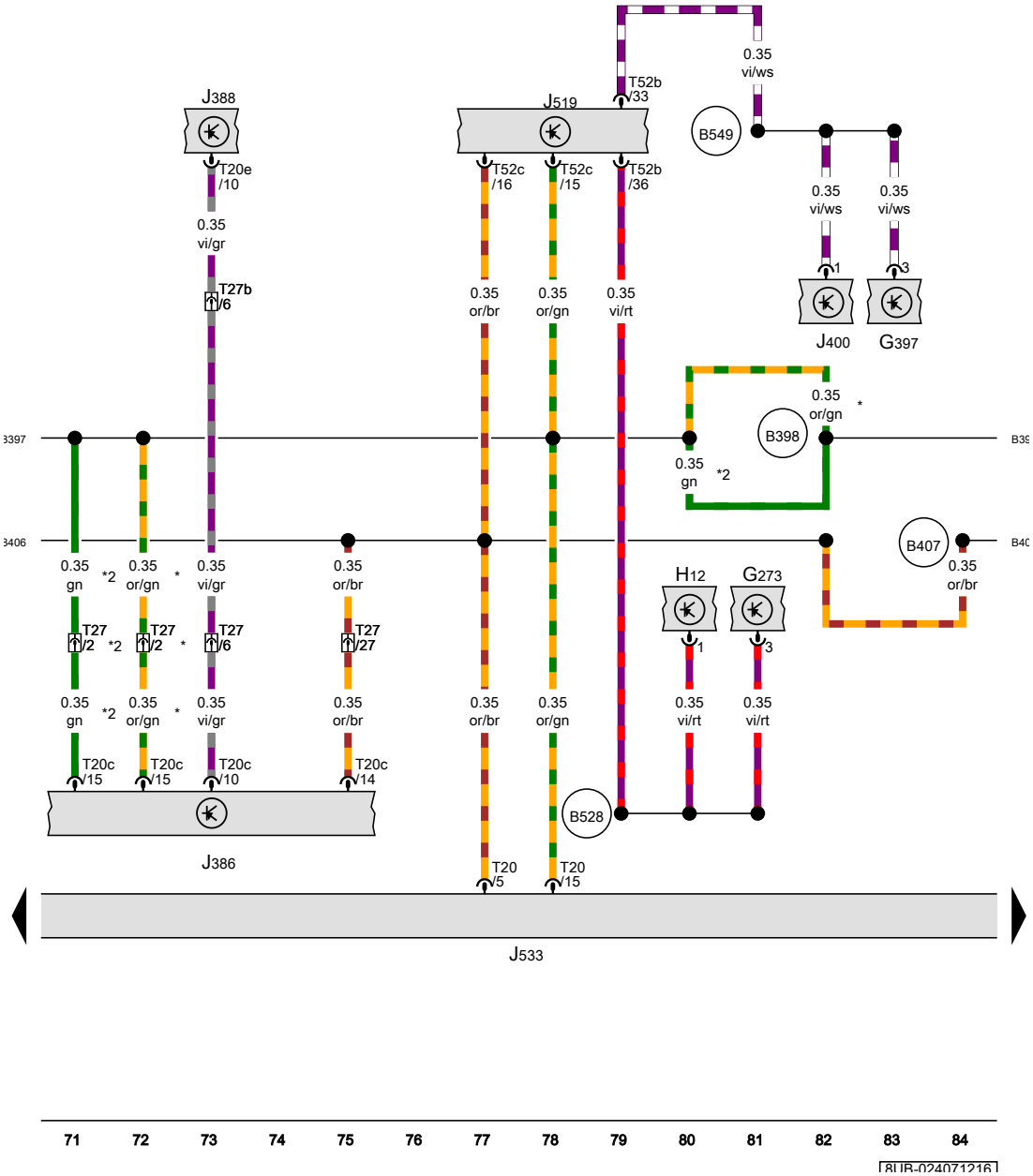
J255	Climatronic control unit
J301	Air conditioning system control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J608	Special vehicle control unit
J764	Control unit for electronic steering column lock
J843	Interface control unit for vehicle location system
T12u	12-pin connector
T16c	16-pin connector
T16k	16-pin connector
T16m	16-pin connector
T16t	16-pin connector
T20b	20-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From November 2016
*2	Up to October 2016





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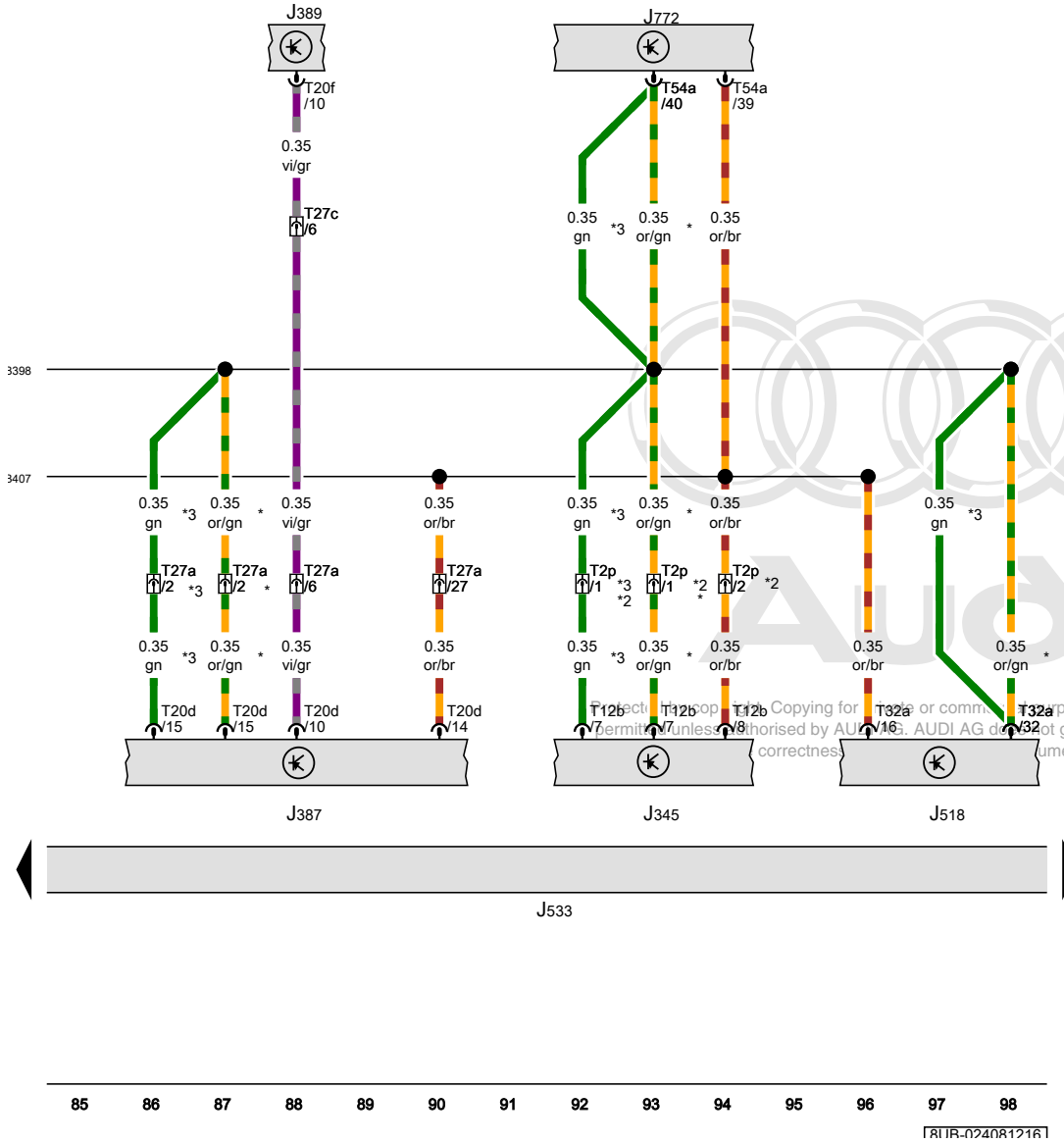


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Connection 1 (convenience CAN bus, high), in main wiring harness, Connection 2 (convenience CAN bus, high), in main wiring harness, Connection 1 (convenience CAN bus, low), in main wiring harness, Connection 2 (convenience CAN bus, low), in main wiring harness, Connection 1 (LIN bus) in main wiring harness, Connection 2 (LIN bus) in main wiring harness

G273	Interior monitoring sensor
G397	Rain and light sensor
H12	Alarm horn
J386	Driver door control unit
J388	Rear left door control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector
T20c	20-pin connector
T20e	20-pin connector
T27	27-pin connector
T27b	27-pin connector, on left B-pillar
T52b	52-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	Up to October 2016
*2	From November 2016

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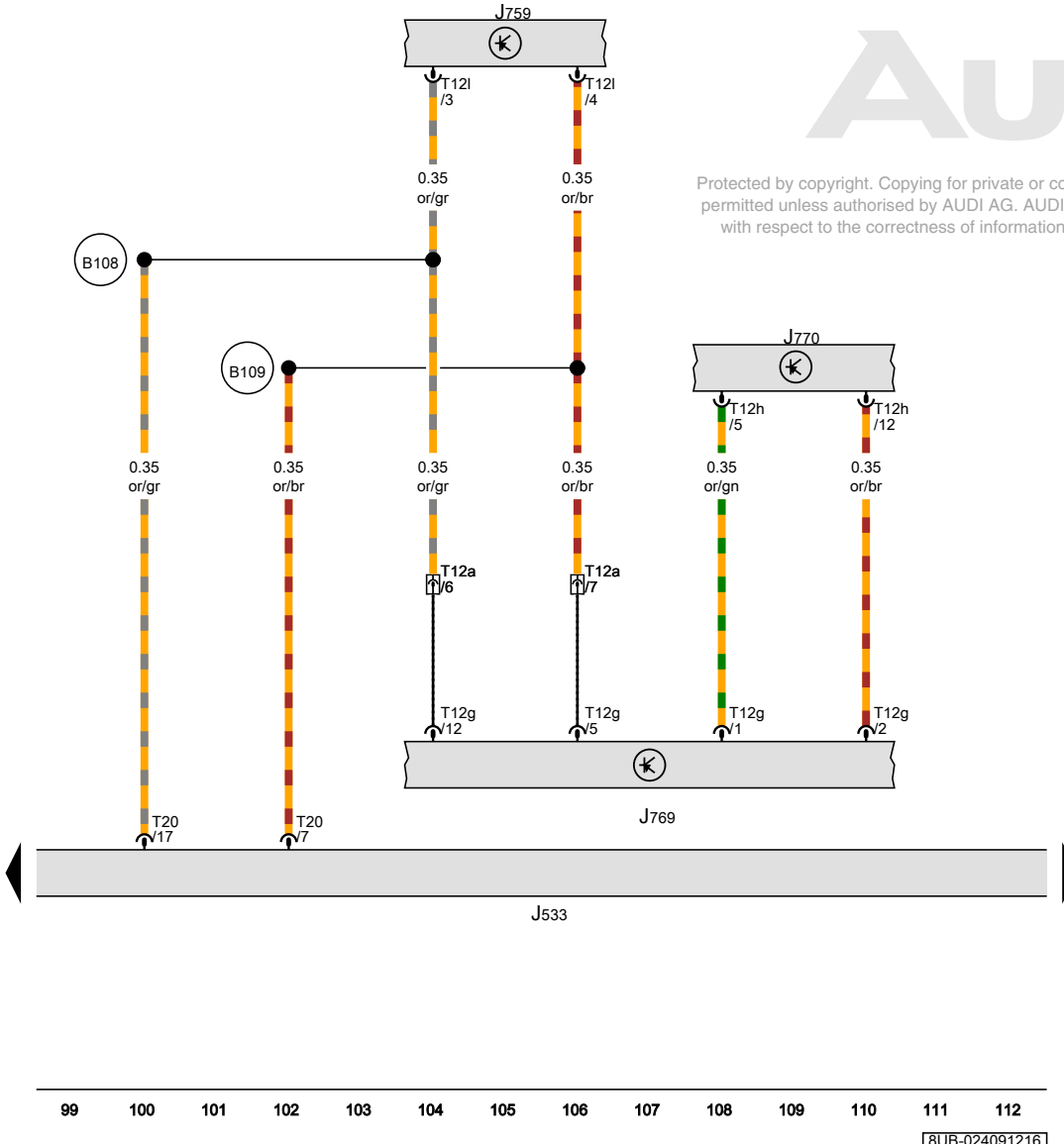
Connection 2 (convenience CAN bus, high), in main wiring harness, Connection 2 (convenience CAN bus, low), in main wiring harness

J345	Trailer detector control unit
J387	Front passenger door control unit
J389	Rear right door control unit
J518	Entry and start authorisation control unit
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
T2p	2-pin connector
T12b	12-pin connector
T20d	20-pin connector
T20f	20-pin connector
T27a	27-pin connector, on right A-pillar
T27c	27-pin connector, on right B-pillar
T32a	32-pin connector
T54a	54-pin connector
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Up to October 2016
*2	Only models with preparation for trailer coupling
*3	From November 2016

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Connection 1 (CAN bus extended high), in main wiring harness, Connection 1 (CAN bus extended low), in main wiring harness

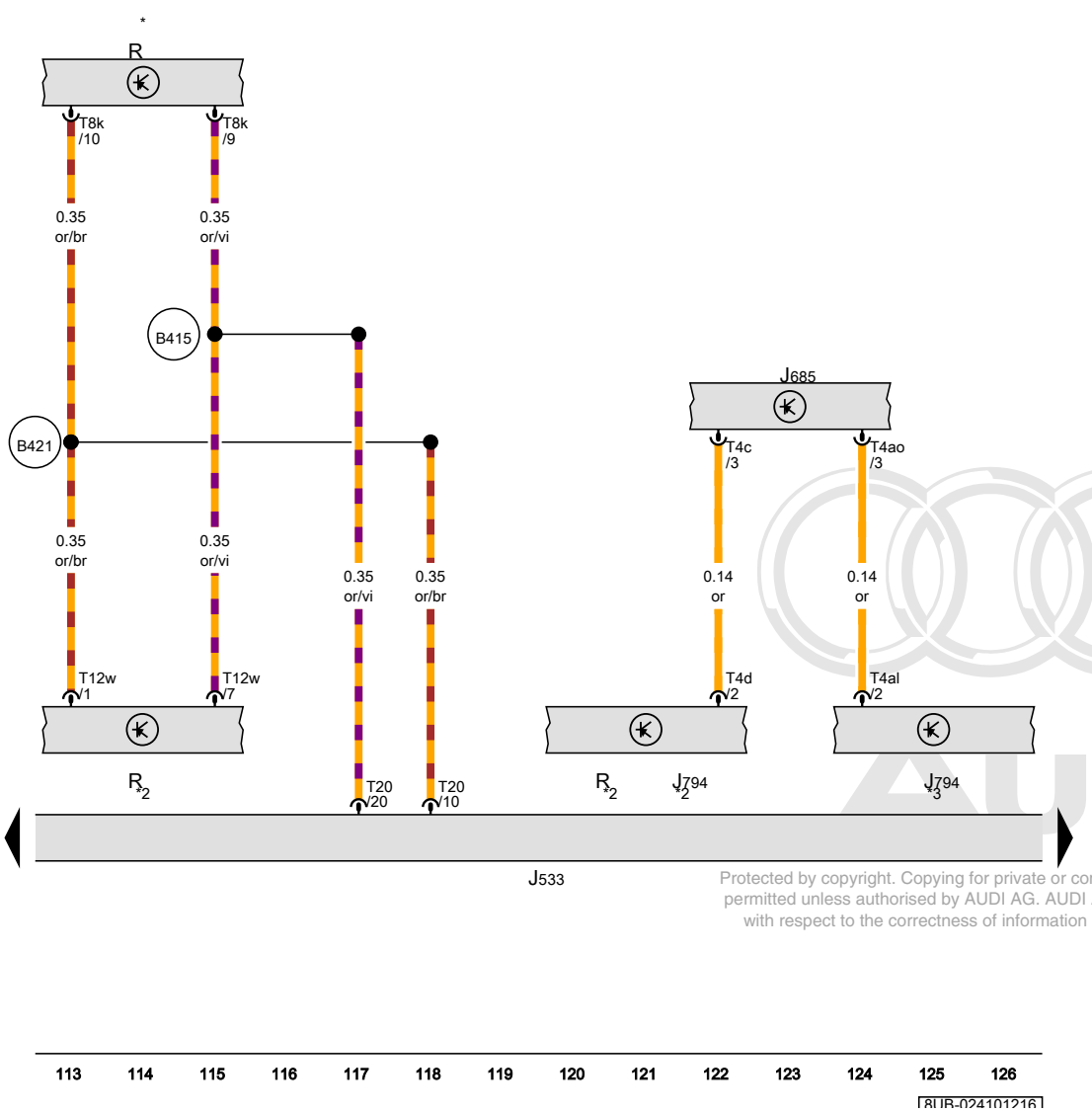
J533	Data bus diagnostic interface
J759	Lane departure warning control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T12h	12-pin connector
T12l	12-pin connector
T20	20-pin connector
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness



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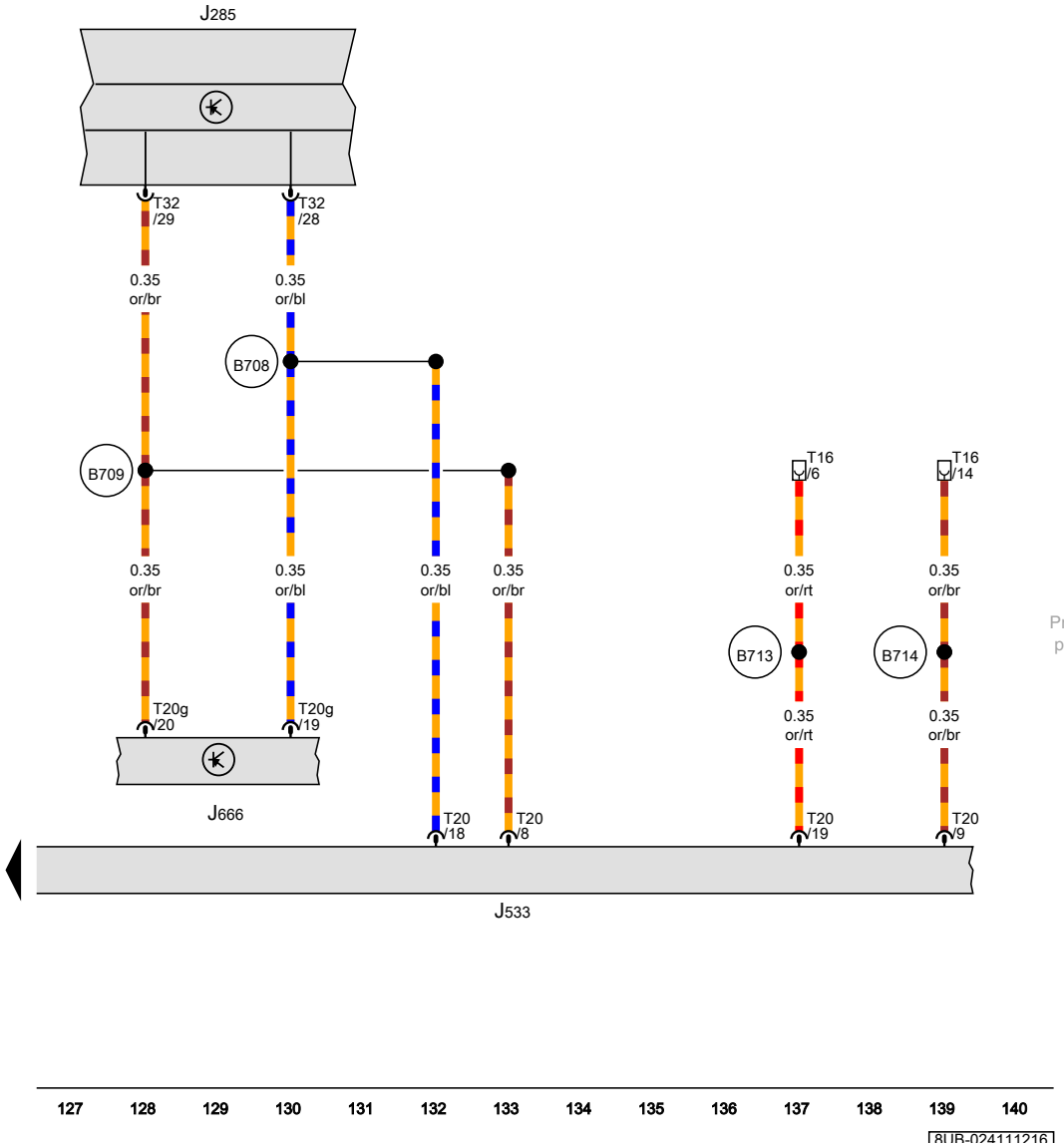
Connection 1 (infotainment CAN bus, high), in main wiring harness, Connection 1 (infotainment CAN bus, low), in main wiring harness

J533	Data bus diagnostic interface
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R	Radio
T4al	4-pin connector
T4ao	4-pin connector
T4c	4-pin connector
T4d	4-pin connector
T8k	8-pin connector
T12w	12-pin connector
T20	20-pin connector
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	Only models with radio chorus
*2	Only models with radio concert
*3	Only models with MMI



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Connection 1 (dash panel insert CAN bus high) in main wiring harness, Connection 1 (dash panel insert CAN bus low) in main wiring harness, Connection 1 (CAN bus diagnosis, high), in main wiring harness, Connection 1 (CAN bus diagnosis, low), in main wiring harness

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J666	Internet access control unit
T16	16-pin connector
T20	20-pin connector
T20g	20-pin connector
T32	32-pin connector
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness

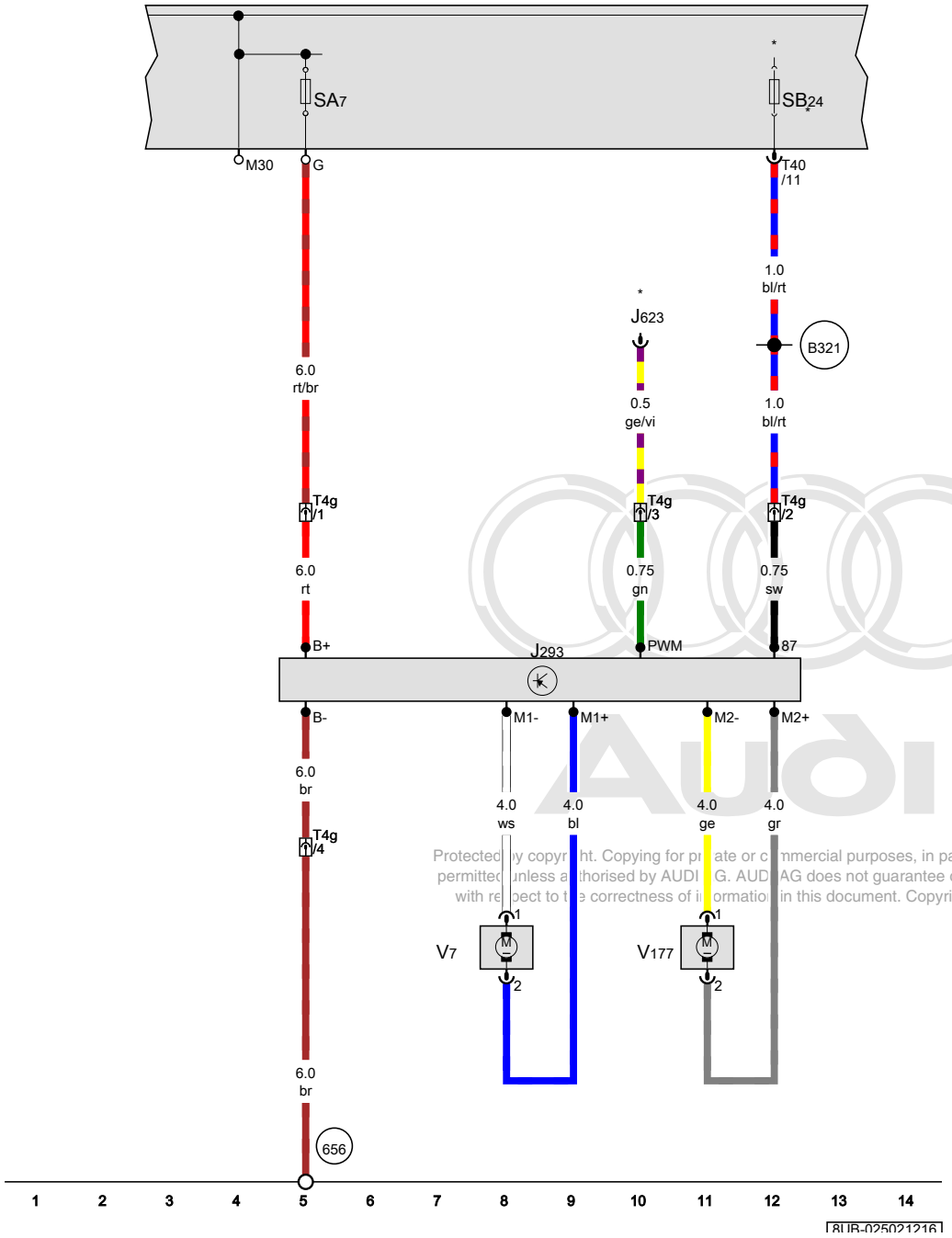
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Radiator fan

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8UB-025021216

Radiator fan control unit, Radiator fan, Radiator fan 2

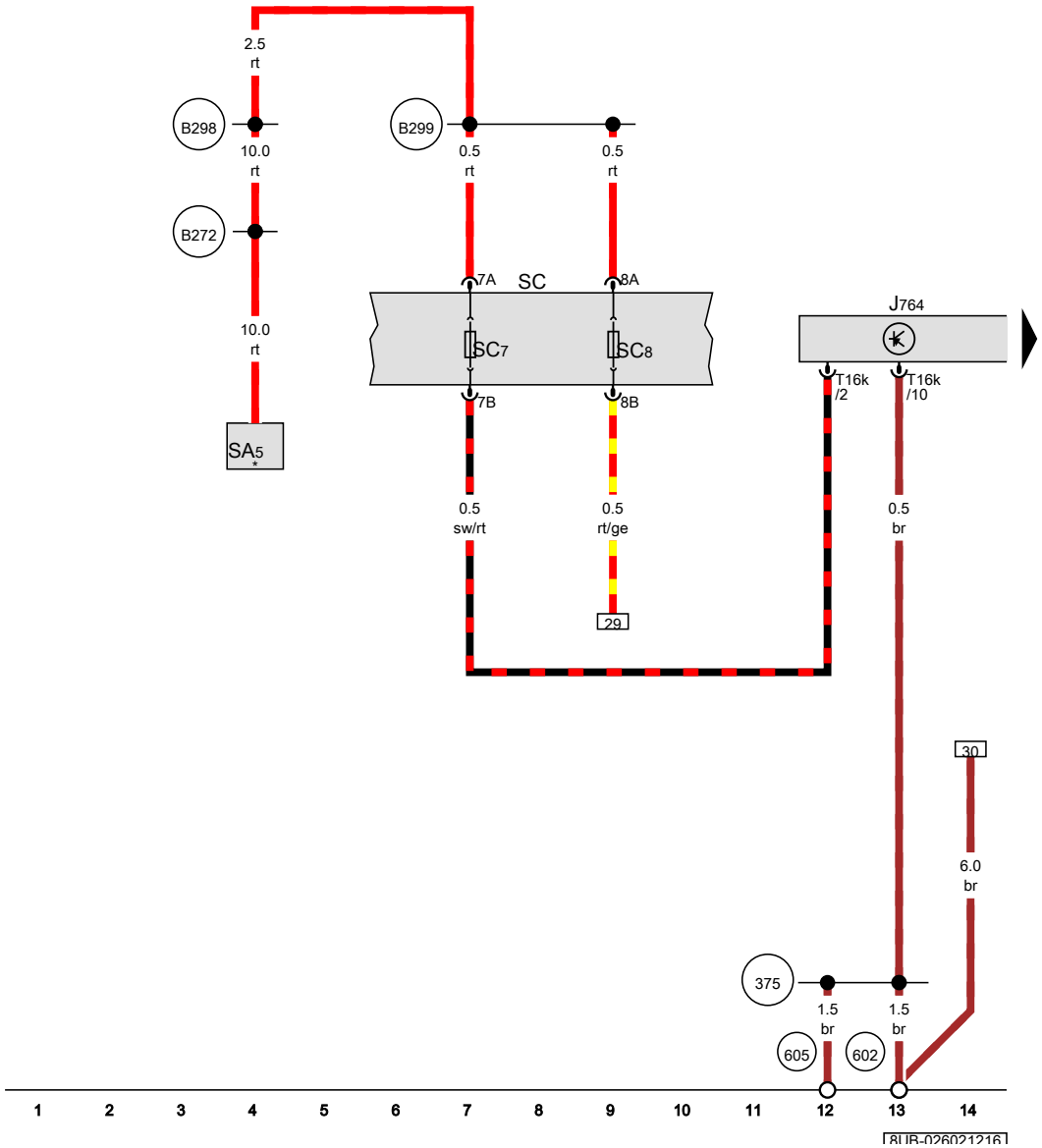
J293	Radiator fan control unit
J623	Engine control unit
SA7	Fuse 7 on fuse holder A
SB24	Fuse 24 on fuse holder B
T4g	4-pin connector
T40	40-pin connector
V7	Radiator fan
V177	Radiator fan 2
656	Earth point, on right headlight
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for engine

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Entry and start authorisation , (4F2),(4I3),(L0L)

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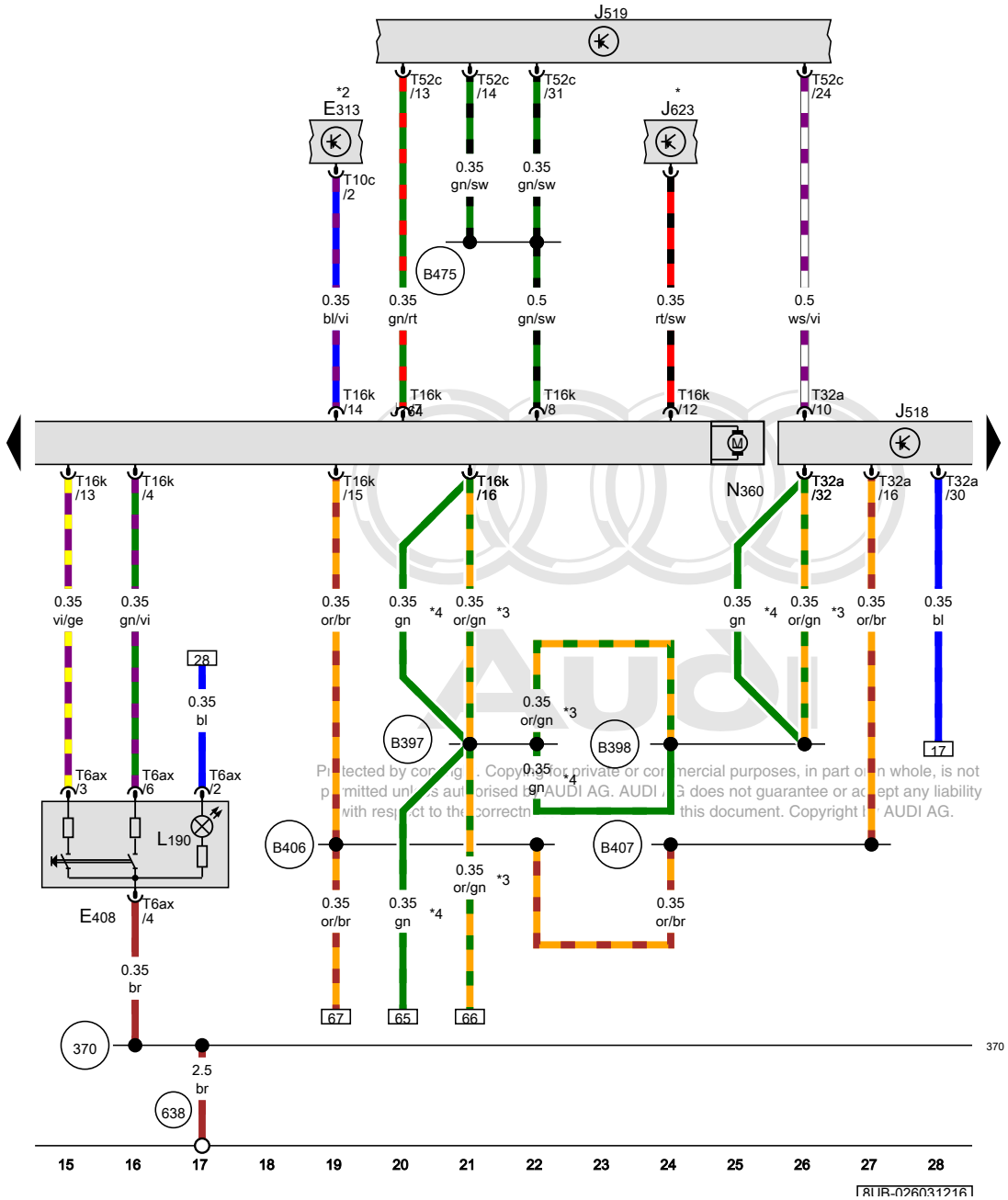


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Control unit for electronic steering column lock

J764	Control unit for electronic steering column lock
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
T16k	16-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
*	see applicable current flow diagram for battery

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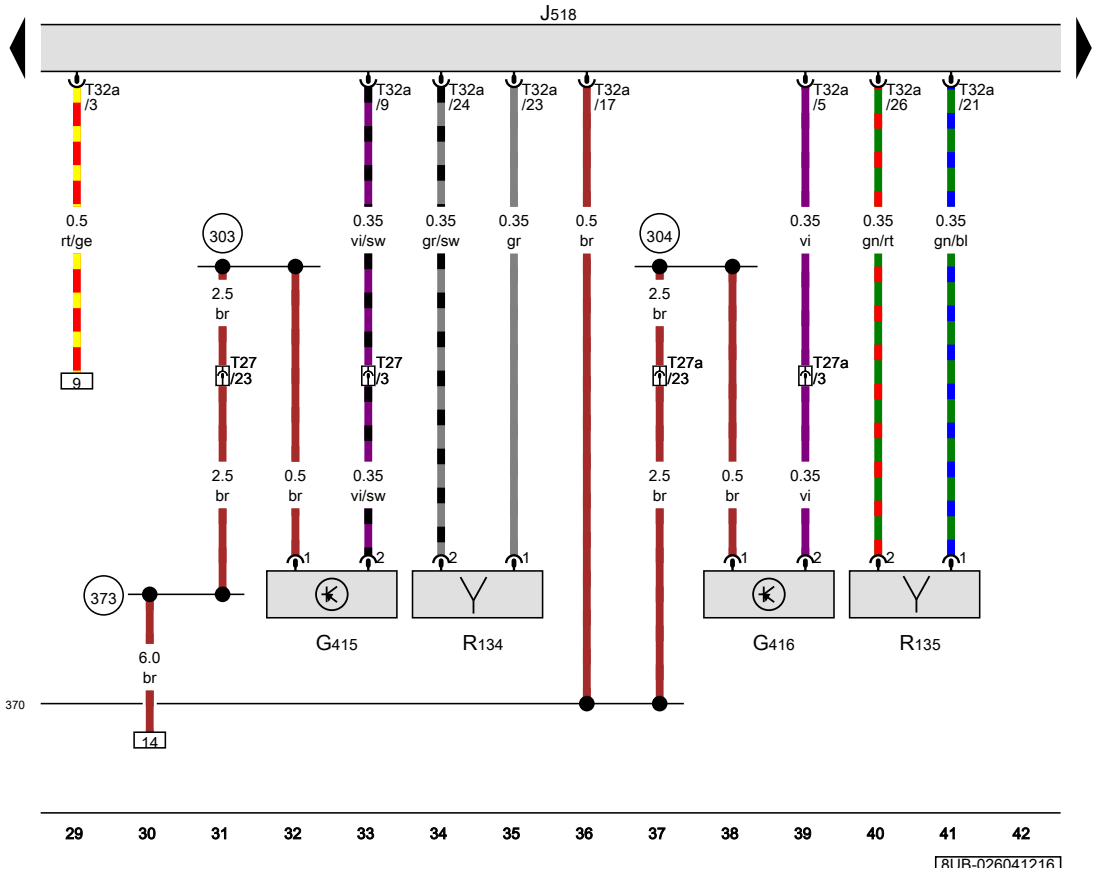
Entry and start authorisation button, Entry and start authorisation control unit, Onboard supply control unit, Control unit for electronic steering column lock

E313	Selector lever
E408	Entry and start authorisation button
J518	Entry and start authorisation control unit
J519	Onboard supply control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
L190	Ignition and starter button illumination bulb
N360	Steering column lock control element
T6ax	6-pin connector
T10c	10-pin connector
T16k	16-pin connector, black
T32a	32-pin connector, blue
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for automatic gearbox
*3	Up to October 2016
*4	From November 2016

Driver door exterior handle contact sensor, Front passenger door exterior handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system

G415	Driver door exterior handle contact sensor
G416	Front passenger door exterior handle contact sensor
J518	Entry and start authorisation control unit
R134	Driver side aerial for entry and start system
R135	Passenger side aerial for entry and start system
T27	27-pin connector, on left A-pillar, black
T27a	27-pin connector, on right A-pillar, black
T32a	32-pin connector, blue
303	Earth connection 3, in drive side door wiring harness
304	Earth connection 3, in front passenger side door wiring harness
370	Earth connection 5, in main wiring harness
373	Earth connection 8, in main wiring harness

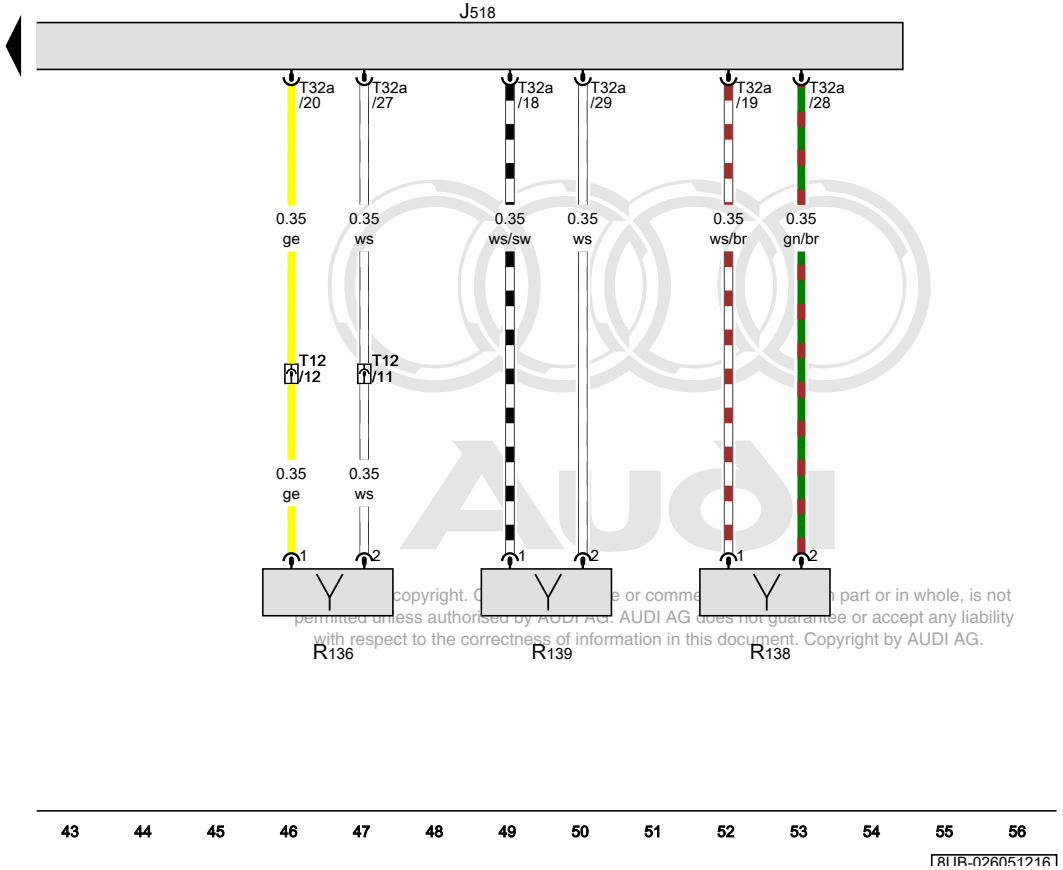
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rs	=	pink

Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

J518	Entry and start authorisation control unit
R136	Rear bumper aerial for entry and start system
R138	Interior aerial 1 for entry and start system
R139	Interior aerial 2 for entry and start system
T12	12-pin connector, in rear bumper, black
T32a	32-pin connector, blue

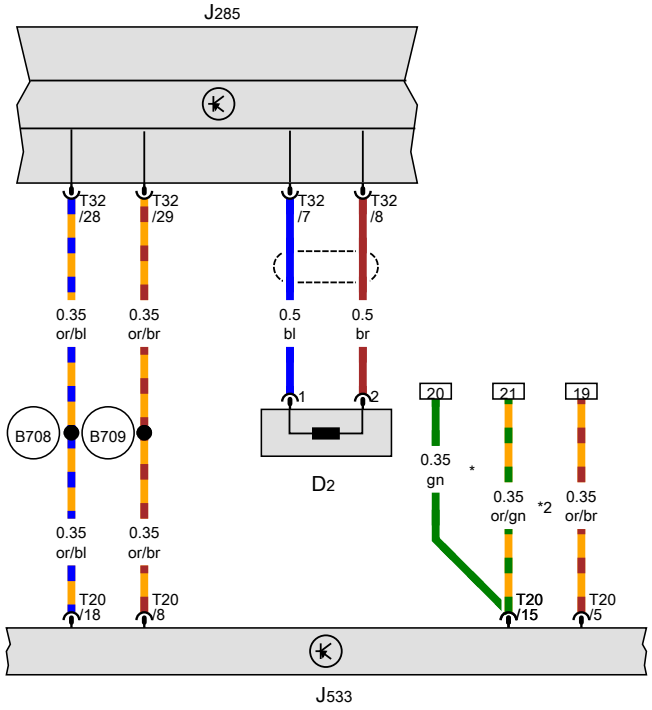


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Immobiliser reader coil, Control unit in dash panel insert, Data bus diagnostic interface

D2	Immobiliser reader coil
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	From November 2016
*2	Up to October 2016



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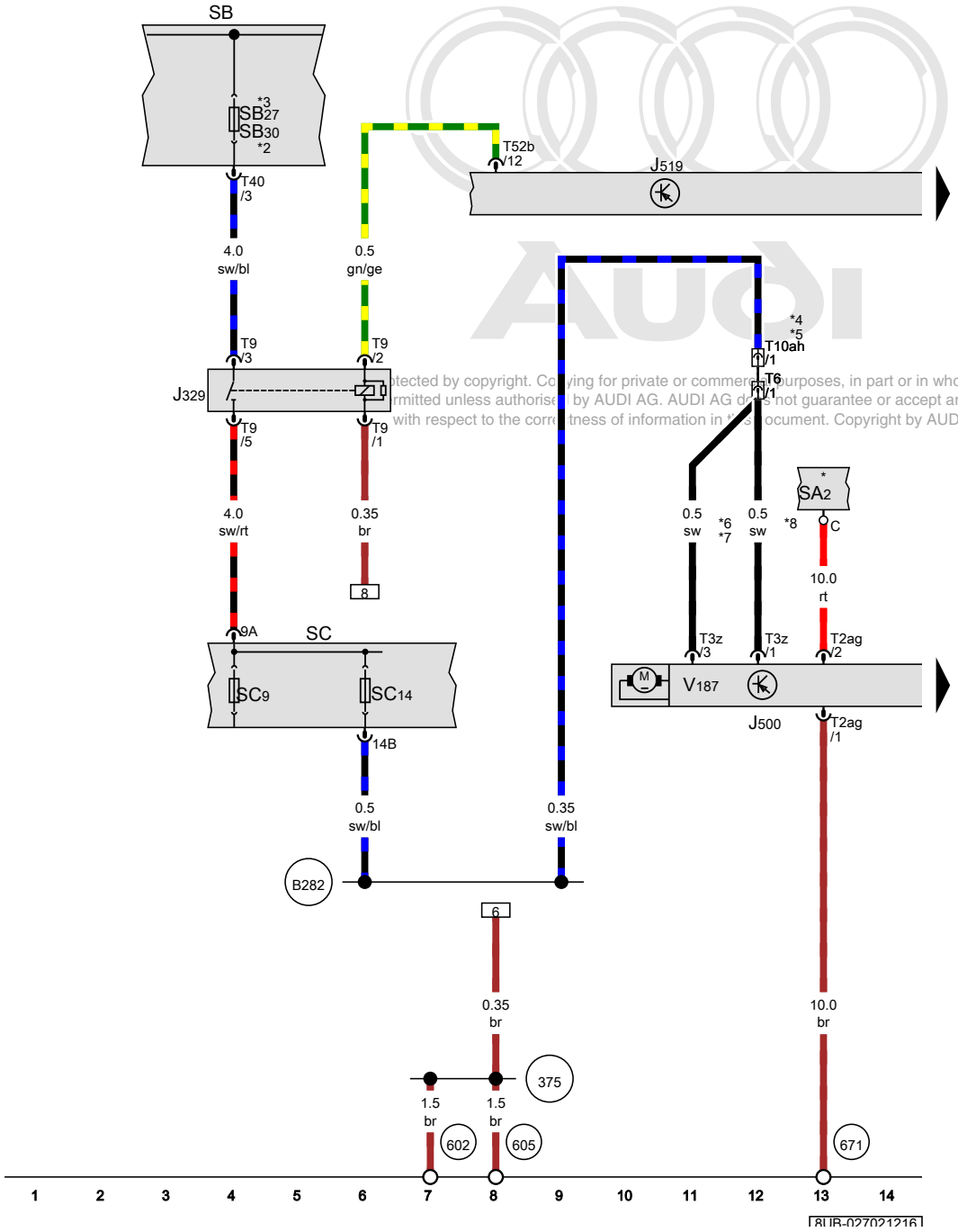
57 58 59 60 61 62 63 64 65 66 67 68 69 70

[8UB-026061216]

Electromechanical steering

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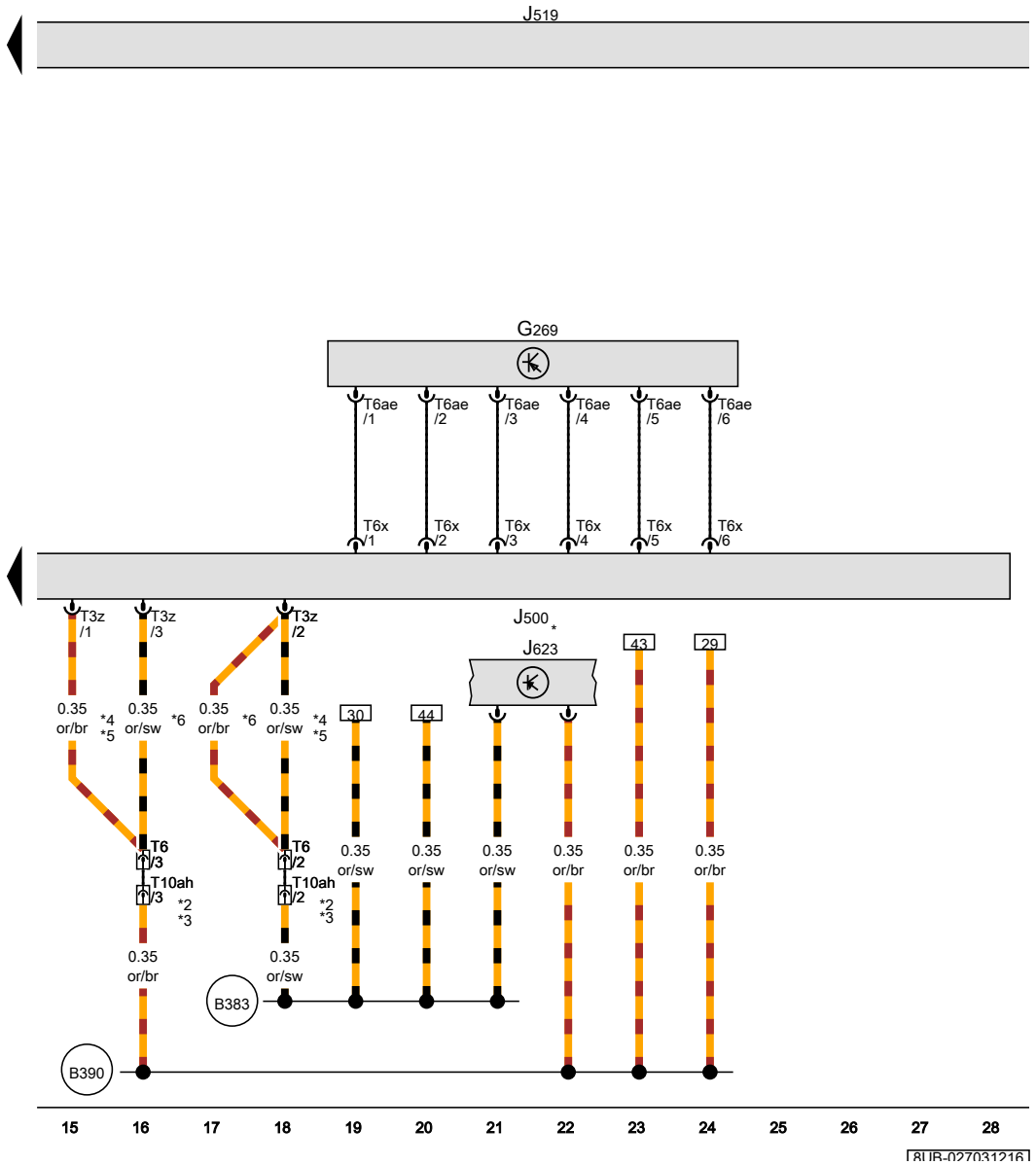
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Terminal 15 voltage supply relay, Power steering control unit, Onboard supply control unit, Electromechanical power steering motor

J329	Terminal 15 voltage supply relay
J500	Power steering control unit
J519	Onboard supply control unit
SA2	Fuse 2 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T2ag	2-pin connector
T3z	3-pin connector
T6	6-pin connector, near front left longitudinal member
T9	9-pin connector
T10ah	10-pin connector
T40	40-pin connector
T52b	52-pin connector
V187	Electromechanical power steering motor
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
671	Earth point 1, on front of left longitudinal member
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Up to October 2012
*3	From November 2012
*4	Only models with diesel engine
*5	From November 2014
*6	Only right-hand drive models
*7	Only models with equipment for China
*8	Only left-hand drive models

Steering moment sender, Power steering control unit, Onboard supply control unit, Engine control unit

G269	Steering moment sender
J500	Power steering control unit
J519	Onboard supply control unit
J623	Engine control unit
T3z	3-pin connector
T6	6-pin connector, near front left longitudinal member
T6ae	6-pin connector
T6x	6-pin connector
T10ah	10-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with diesel engine
*3	From November 2014
*4	Only right-hand drive models
*5	Only models with equipment for China
*6	Only left-hand drive models

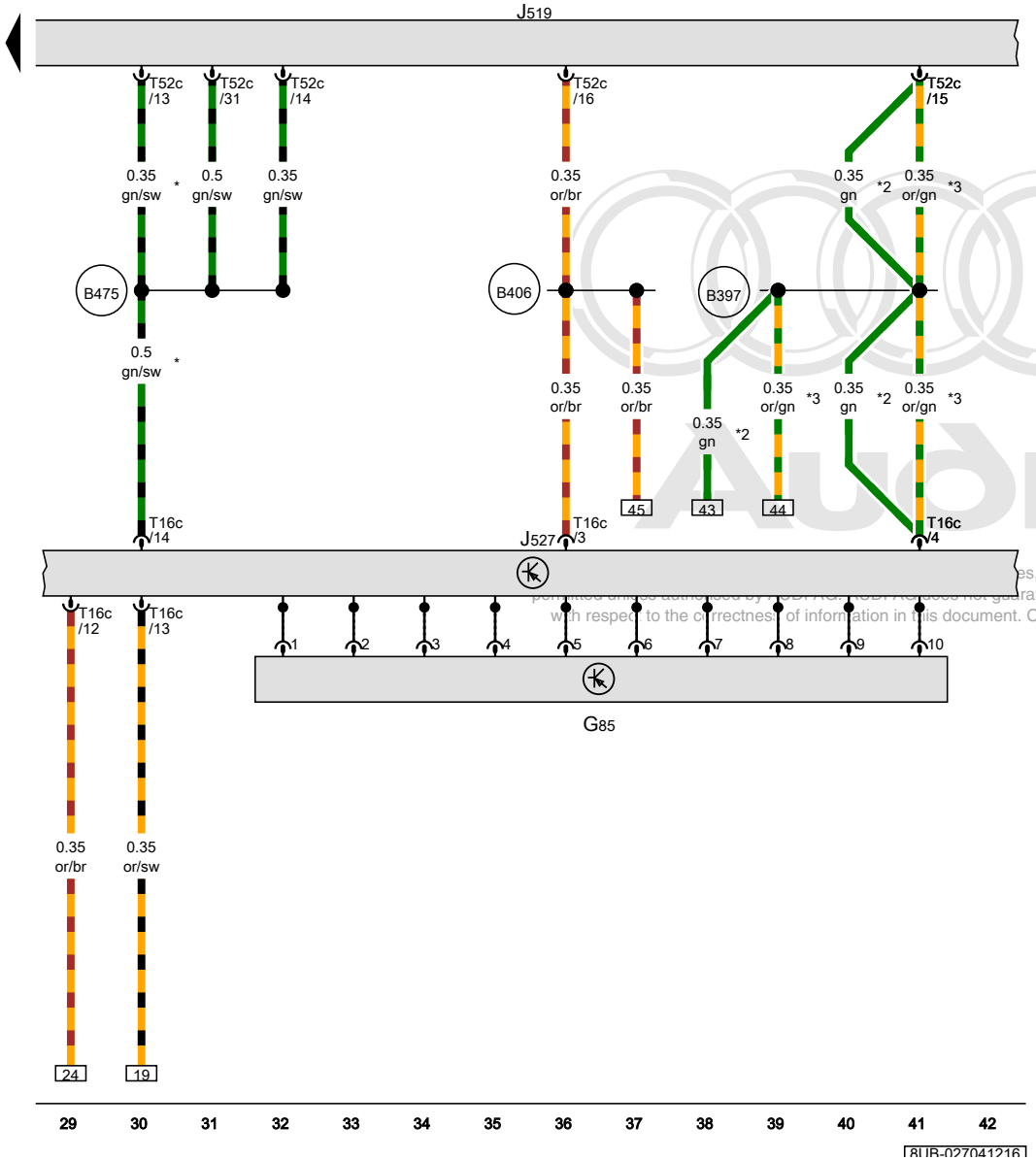


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Steering angle sender, Onboard supply control unit, Steering column electronics control unit

G85	Steering angle sender
J519	Onboard supply control unit
J527	Steering column electronics control unit
T16c	16-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	From November 2016
*3	Up to October 2016

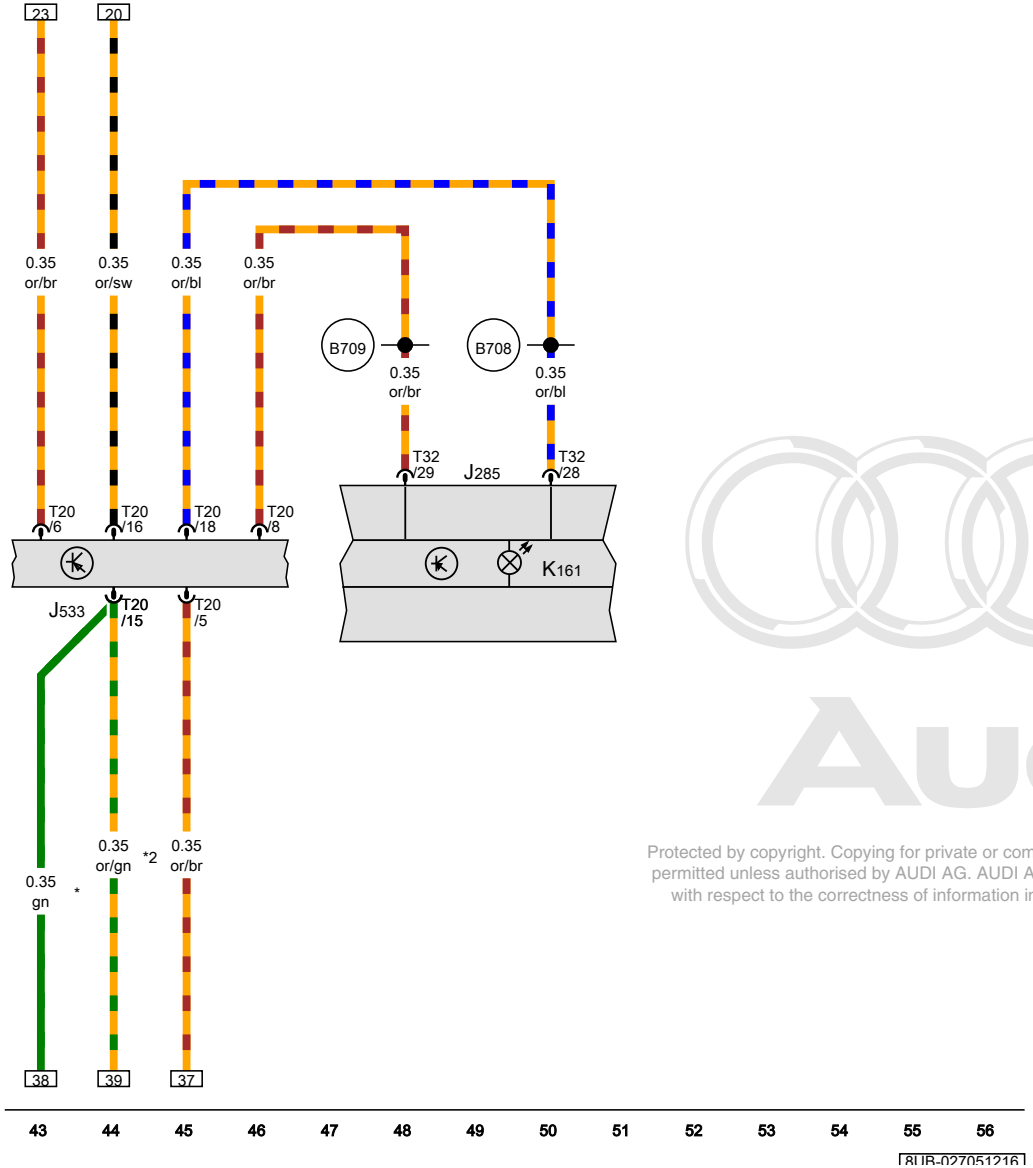


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Control unit in dash panel insert, Data bus diagnostic interface, Electromechanical power steering warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K161	Electromechanical power steering warning lamp
T20	20-pin connector
T32	32-pin connector
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	From November 2016
*2	Up to October 2016



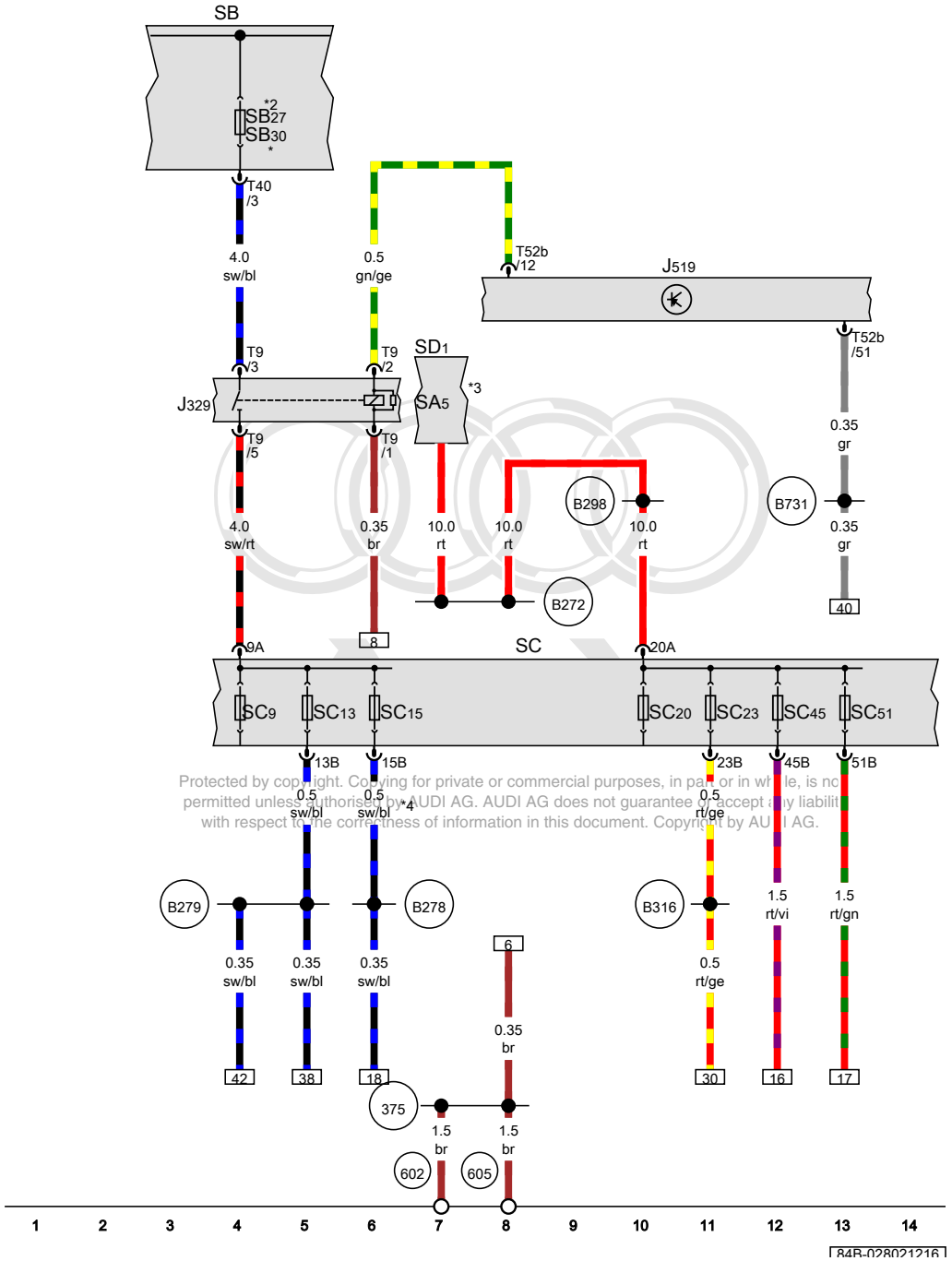
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Electromechanical parking brake , (GP1)

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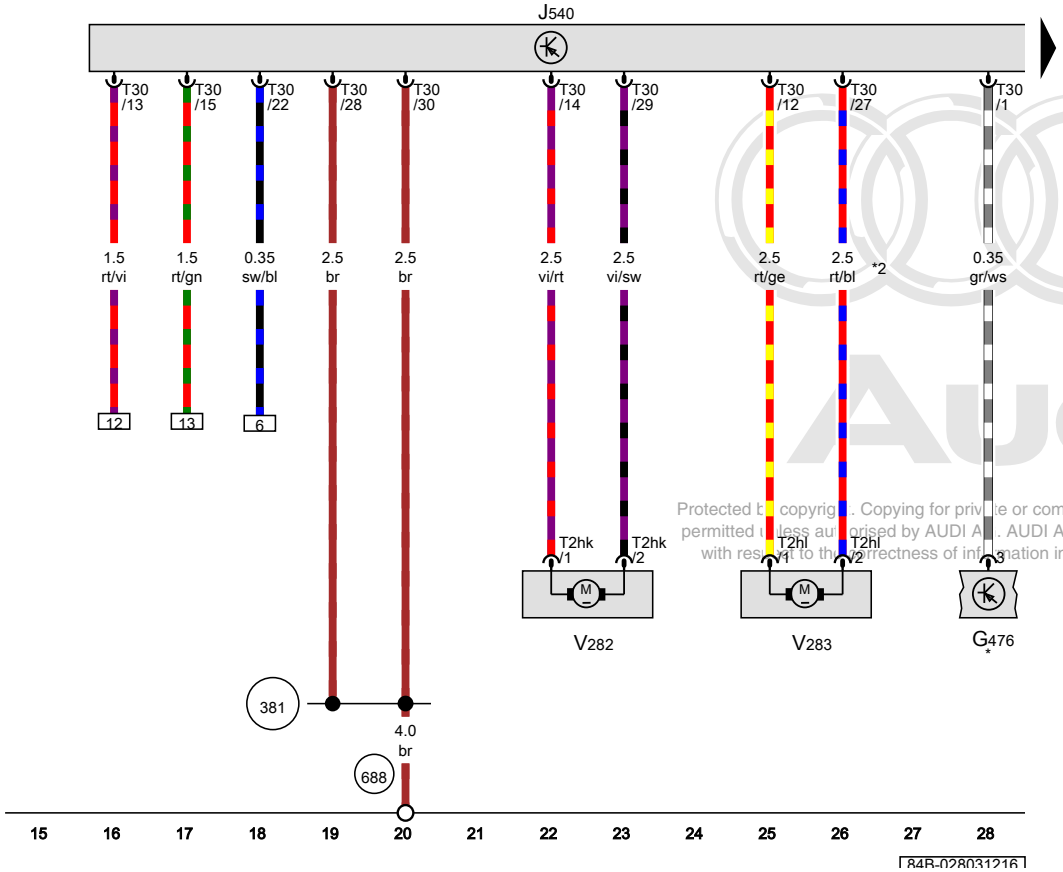
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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC45	Fuse 45 on fuse holder C
SC51	Fuse 51 on fuse holder C
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	see applicable current flow diagram for battery
*4	Cross section depends on equipment

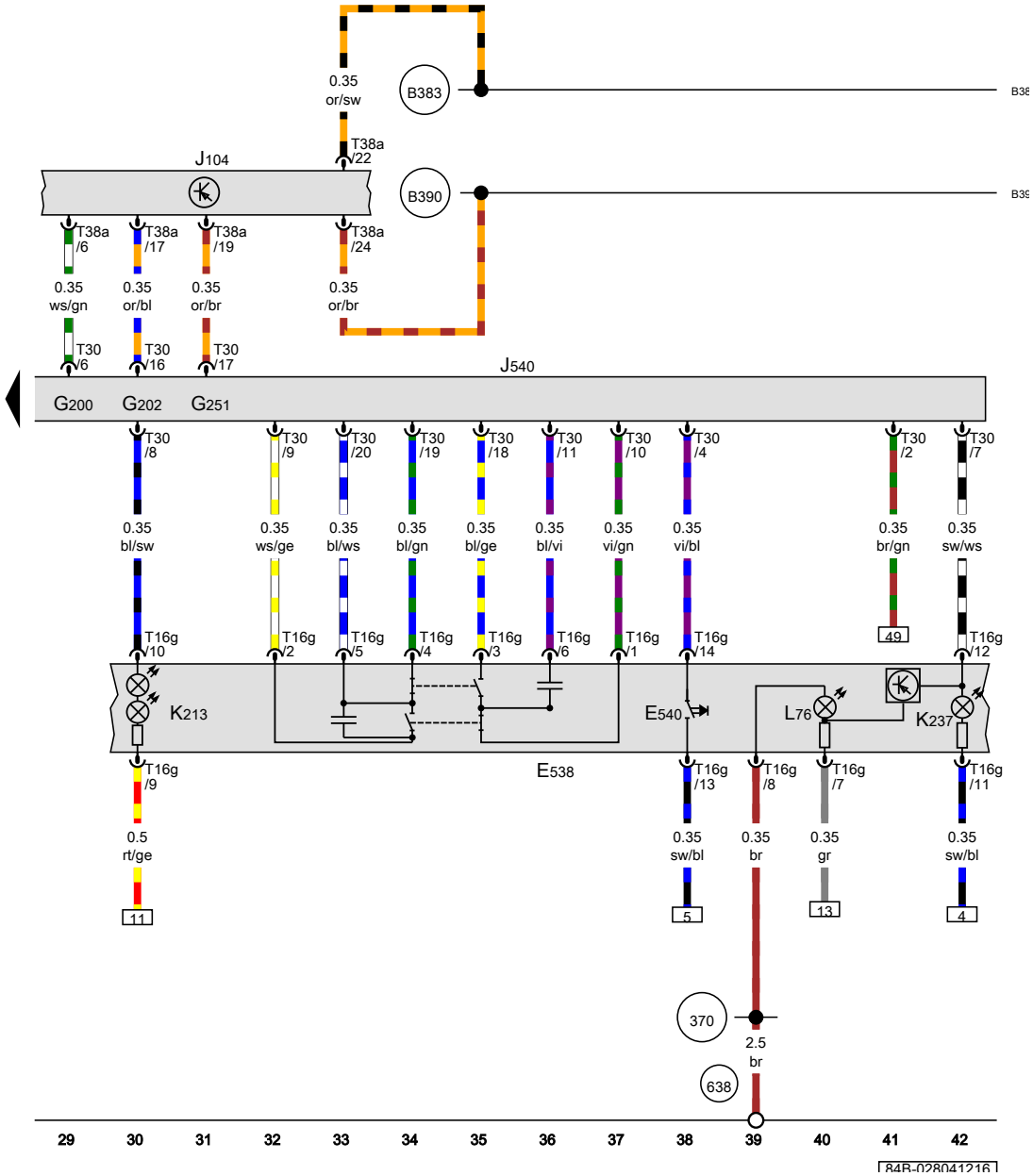
Control unit for electromechanical parking brake, Left parking brake motor, Right parking brake motor

G476	Clutch position sender
J540	Control unit for electromechanical parking brake
T2hk	2-pin connector, black
T2hl	2-pin connector, black
T30	30-pin connector
V282	Left parking brake motor
V283	Right parking brake motor
381	Earth connection 16, in main wiring harness
688	Earth point 2, on centre tunnel
*	Only models with manual gearbox
*2	Wiring colour depends on equipment



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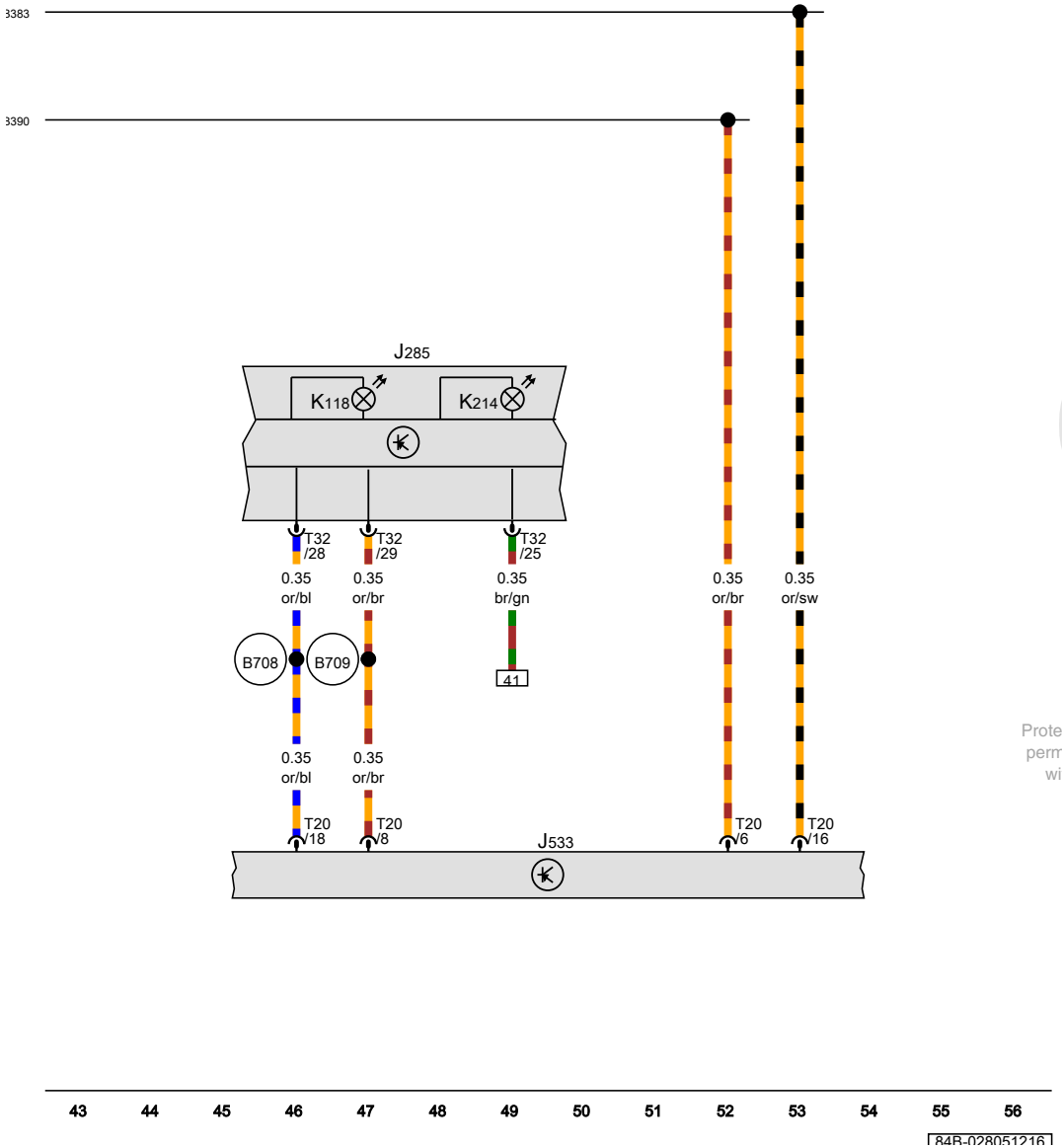


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Electromechanical parking brake button, Auto-hold button, ABS control unit, Control unit for electromechanical parking brake

E538	Electromechanical parking brake button
E540	Auto-hold button
G200	Lateral acceleration sender
G202	Yaw rate sender
G251	Longitudinal acceleration sender
J104	ABS control unit
J540	Control unit for electromechanical parking brake
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
L76	Button illumination bulb
T16g	16-pin connector
T30	30-pin connector
T38a	38-pin connector
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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Control unit in dash panel insert, Data bus diagnostic interface, Brake system warning lamp, Electric parking brake and handbrake fault warning lamp

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K118	Brake system warning lamp
K214	Electric parking brake and handbrake fault warning lamp
T20	20-pin connector
T32	32-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

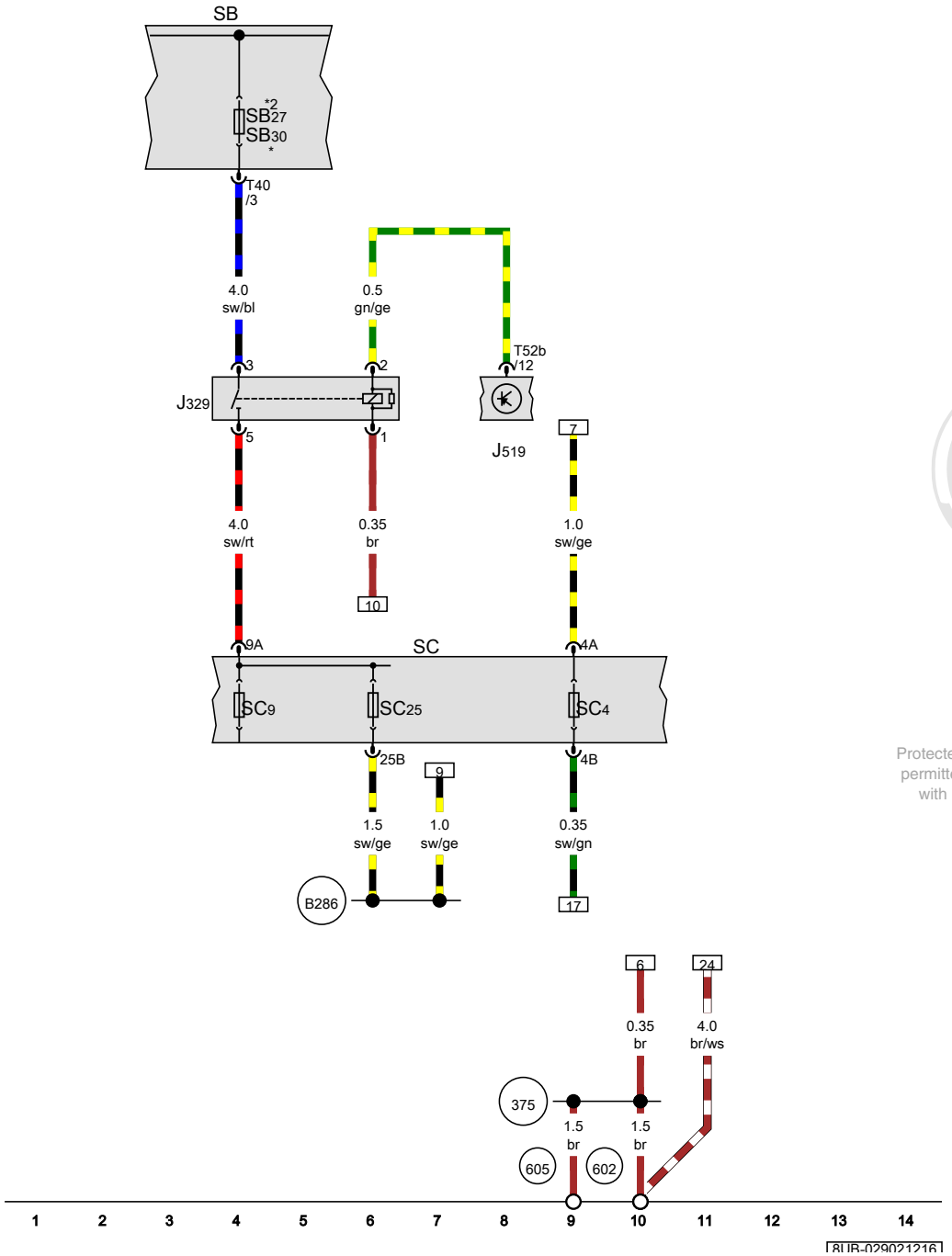
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Lane departure warning , (7Y1)

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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SC	Fuse holder C
SC4	Fuse 4 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC25	Fuse 25 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B286	Positive connection 10 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

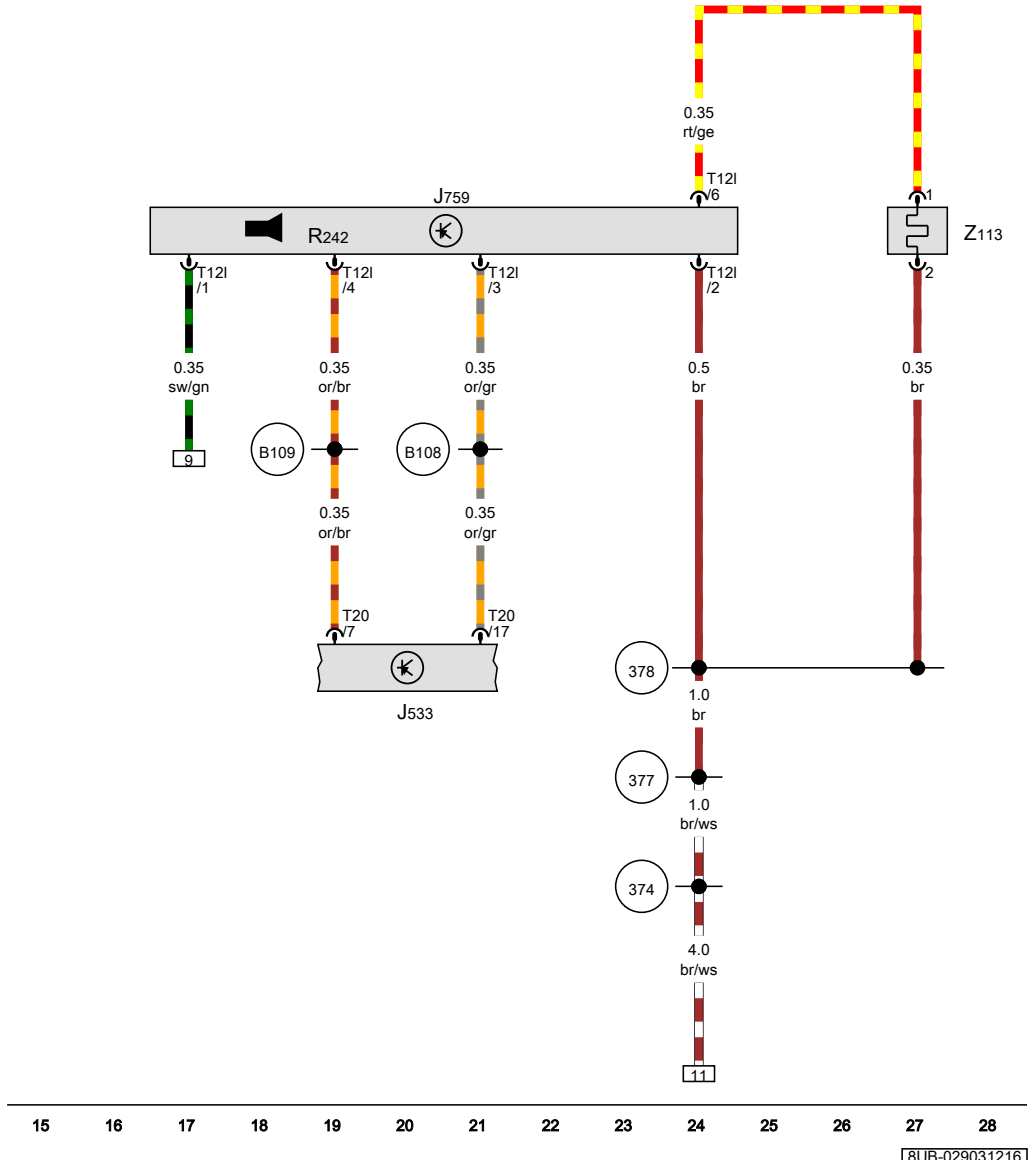
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Data bus diagnostic interface, Lane departure warning control unit, Windscreen heater for front sensors

J533	Data bus diagnostic interface
J759	Lane departure warning control unit
R242	Front camera for driver assist systems
T12l	12-pin connector
T20	20-pin connector
Z113	Windscreen heater for front sensors
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness

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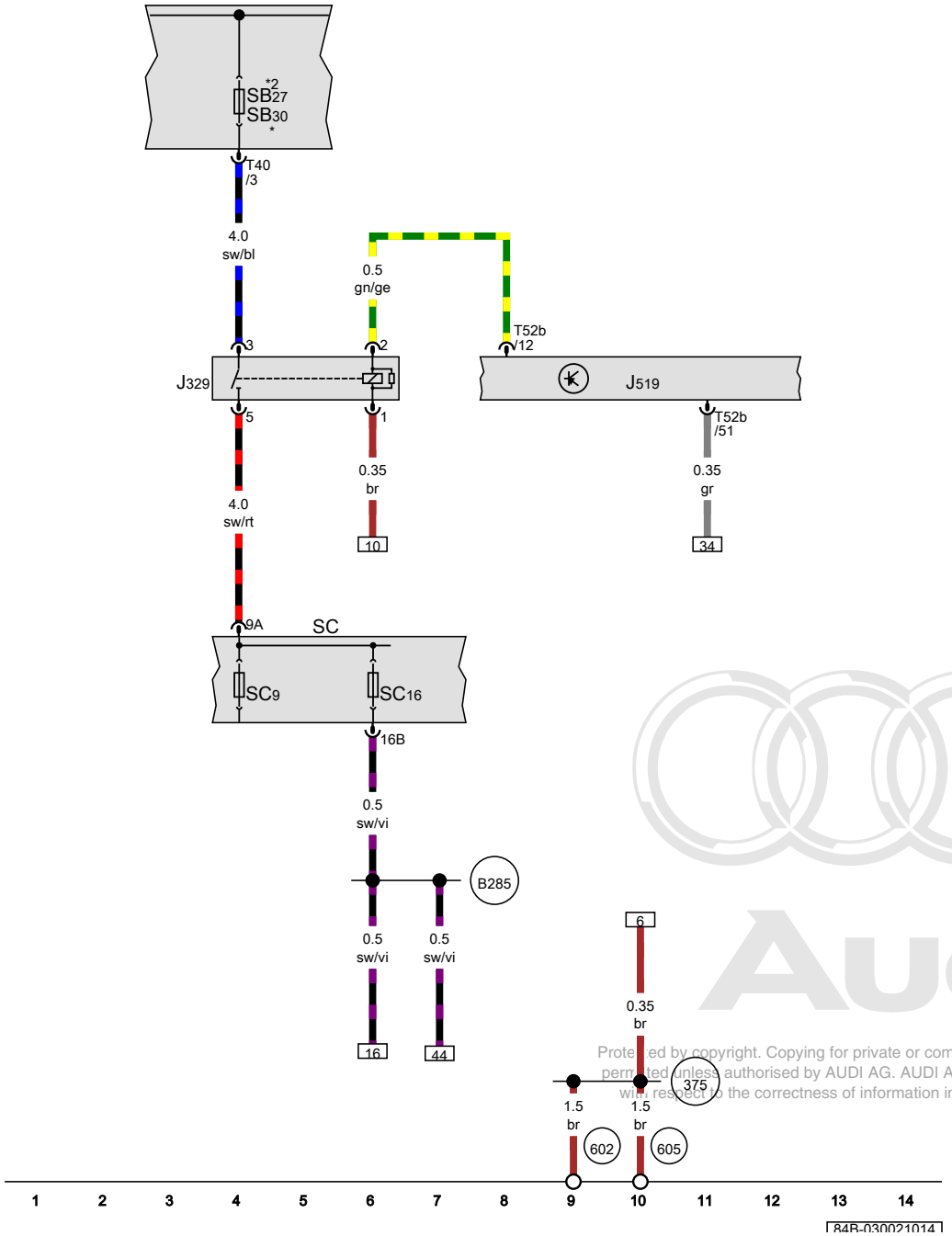


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Lane change assist

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Terminal 15 voltage supply relay

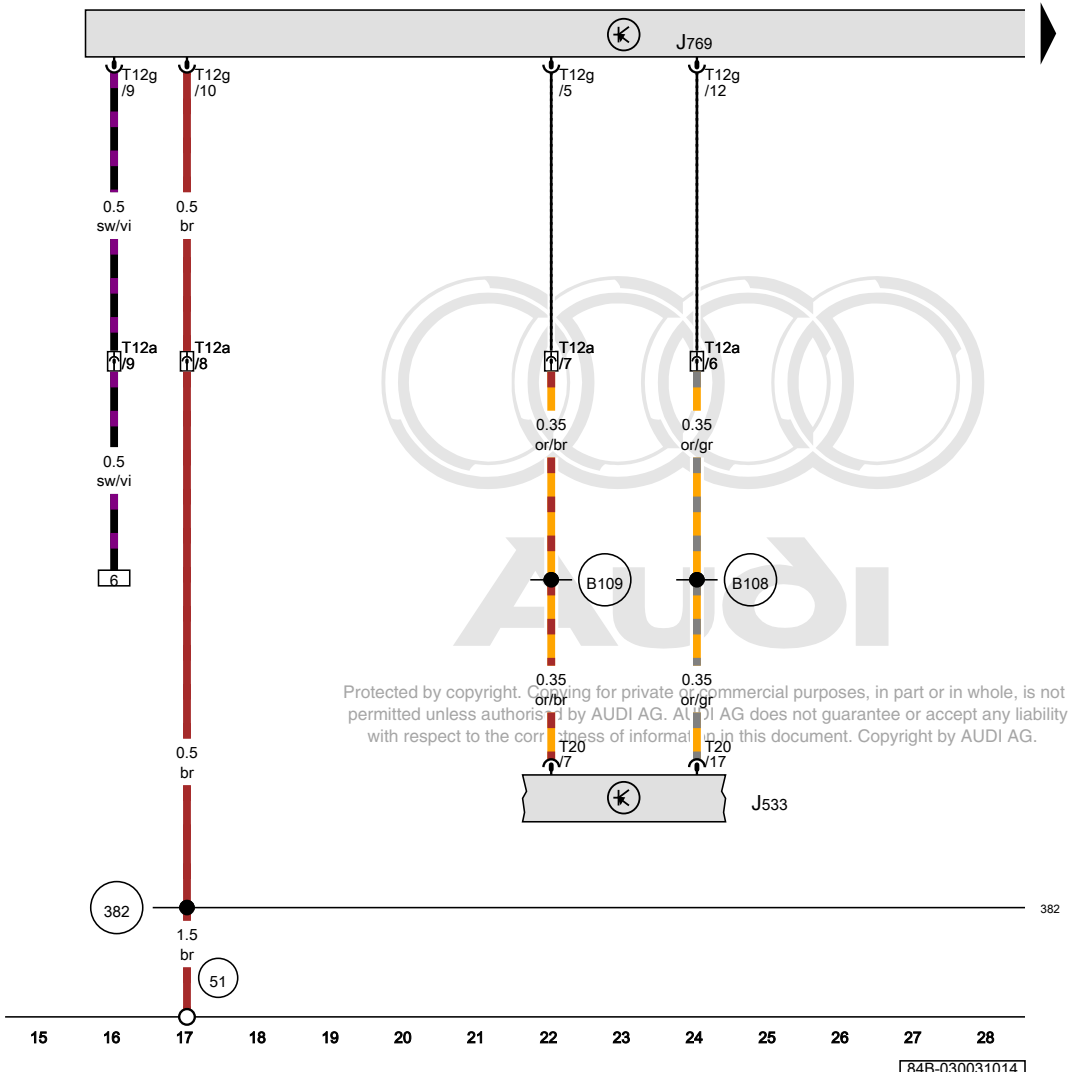
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

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Data bus diagnostic interface, Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness

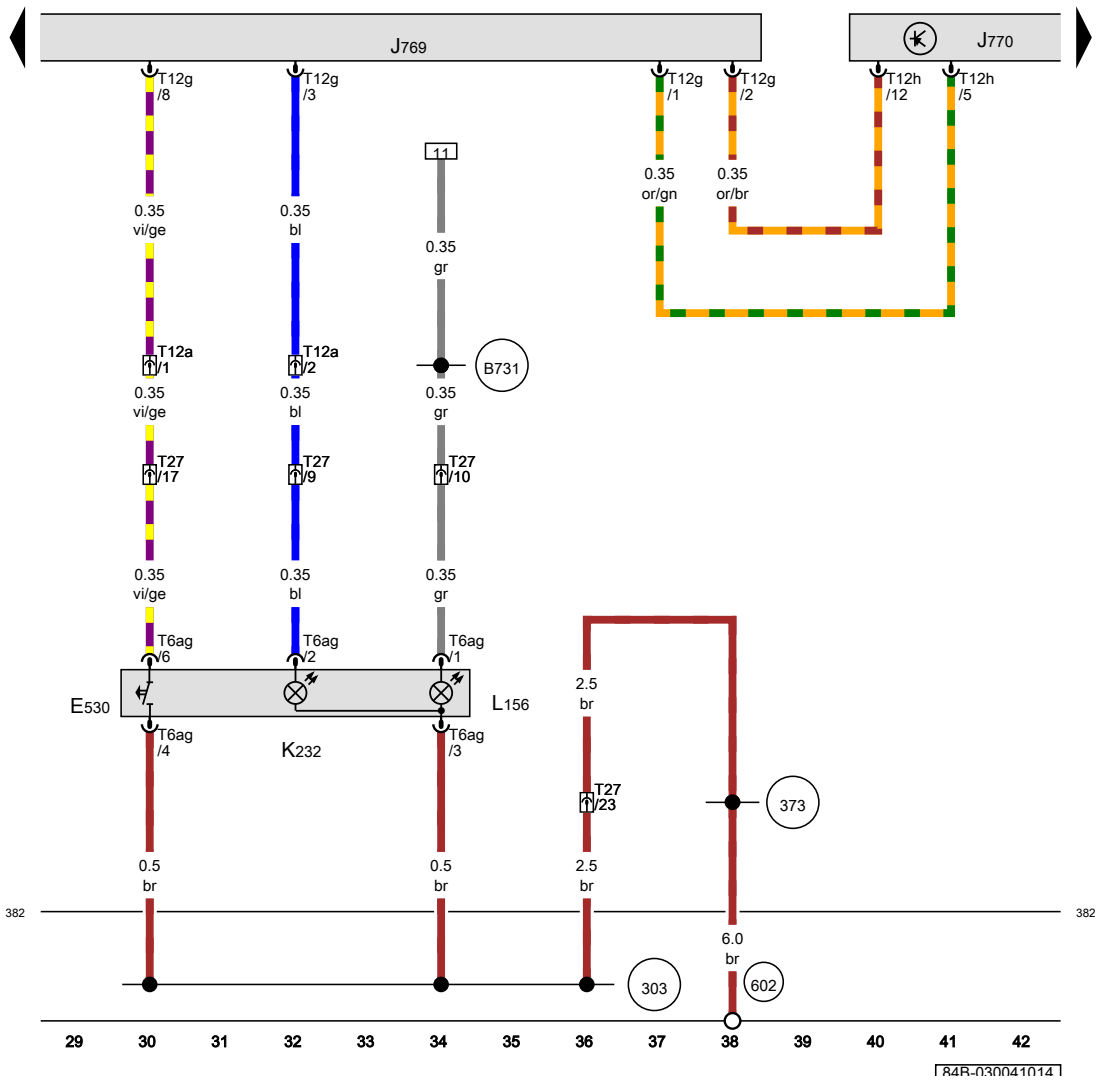


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Button for lane change assist, Lane change assist control unit, Lane change assist control unit 2

E530	Button for lane change assist
J769	Lane change assist control unit
J770	Lane change assist control unit 2
K232	Lane change assist warning lamp
L156	Switch illumination bulb
T6ag	6-pin connector
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T12h	12-pin connector
T27	27-pin connector, on left A-pillar
303	Earth connection 3, in drive side door wiring harness
373	Earth connection 8, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
B731	Connection 1 (58s), in main wiring harness

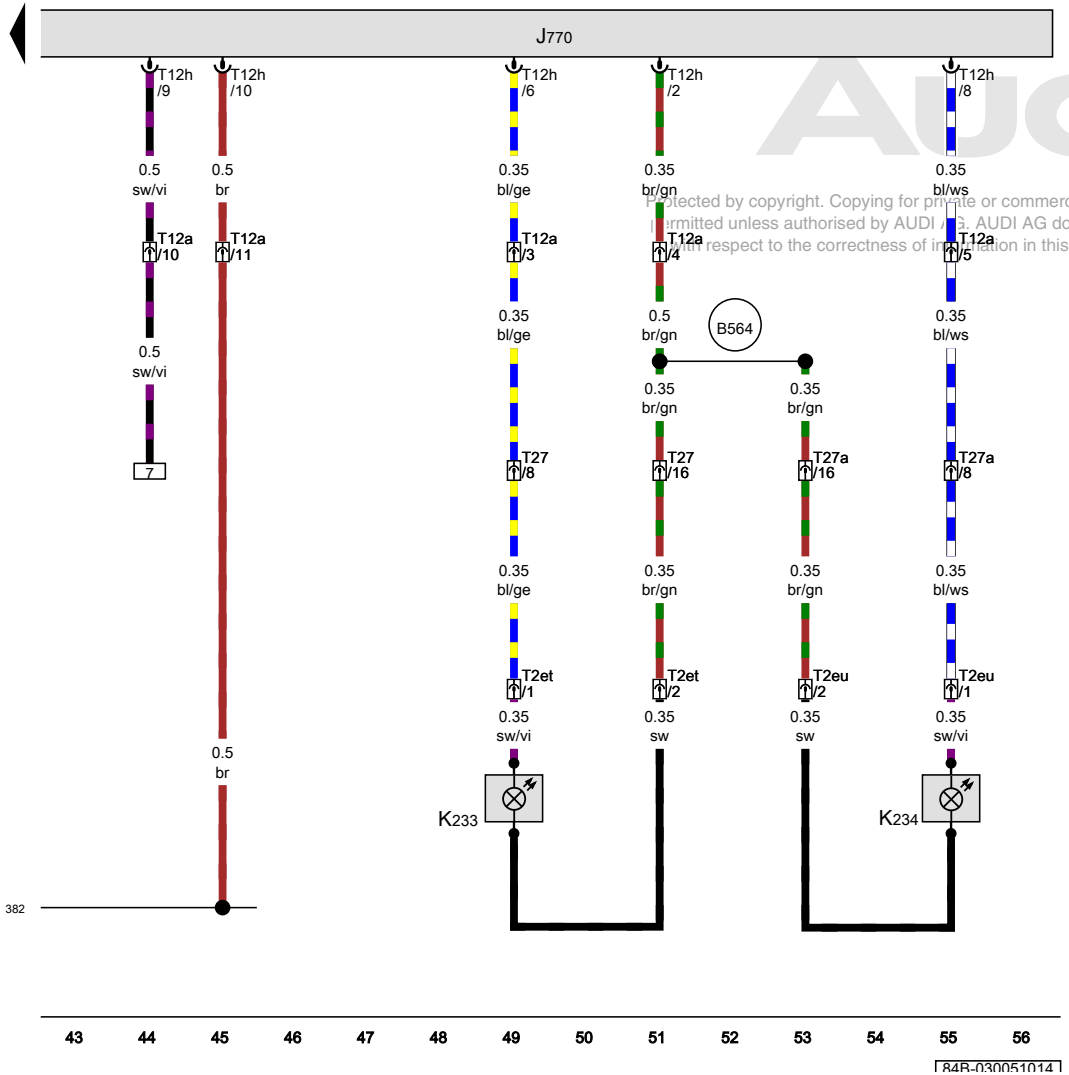


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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror

J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in front passenger side exterior mirror
T2et	2-pin connector
T2eu	2-pin connector
T12a	12-pin connector, in rear bumper
T12h	12-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
382	Earth connection 17, in main wiring harness
B564	Connection 31, in main wiring harness



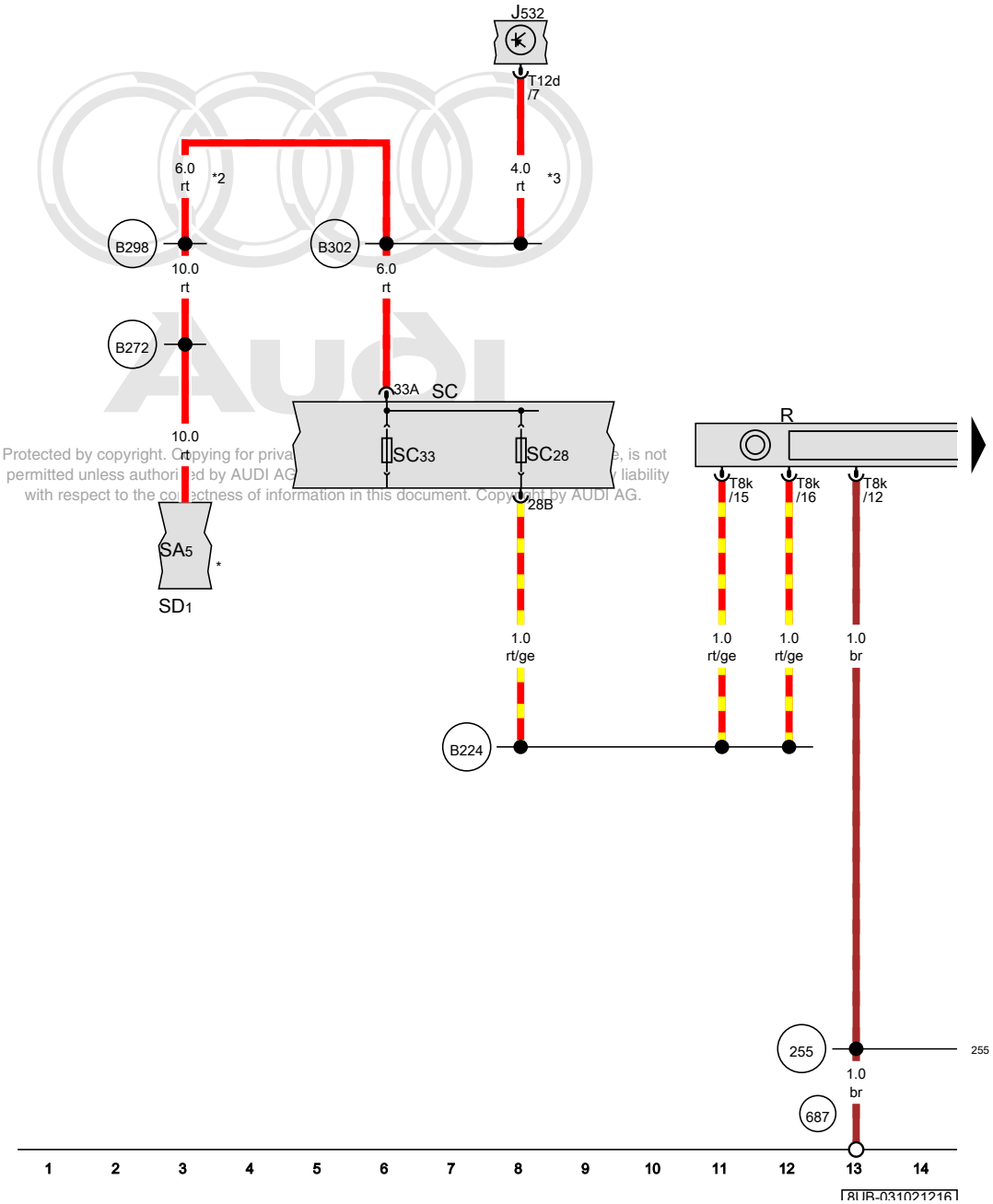
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Radio chorus , (8UA)

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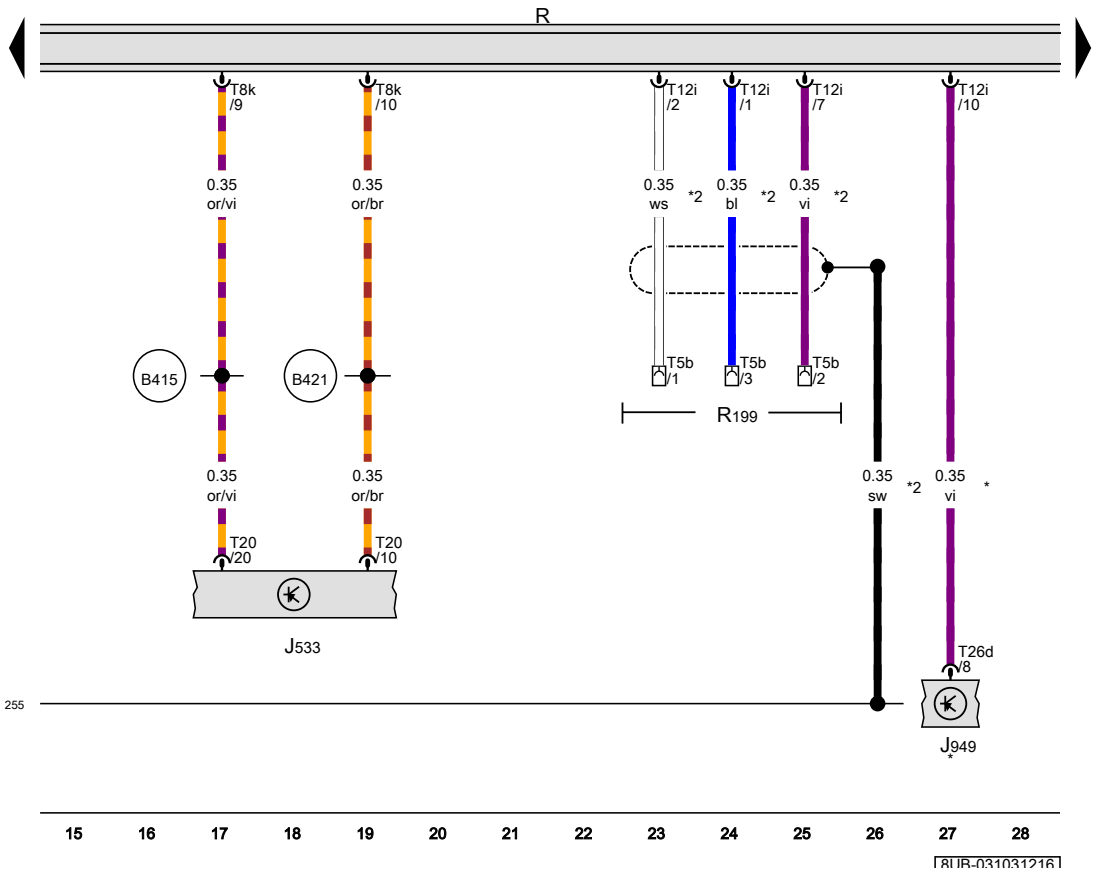
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Radio, Fuse holder C

J532	Voltage stabiliser
R	Radio
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC28	Fuse 28 on fuse holder C
SC33	Fuse 33 on fuse holder C
T8k	8-pin connector
T12d	12-pin connector
255	Earth connection 1, in radio wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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

J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
R	Radio
R199	Connection for external audio sources
T5b	5-pin connector
T8k	8-pin connector
T12i	12-pin connector
T20	20-pin connector
T26d	26-pin connector, black
255	Earth connection 1, in radio wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	Only models with emergency call module
*2	Only models with connection for external audio sources - AUX-IN socket



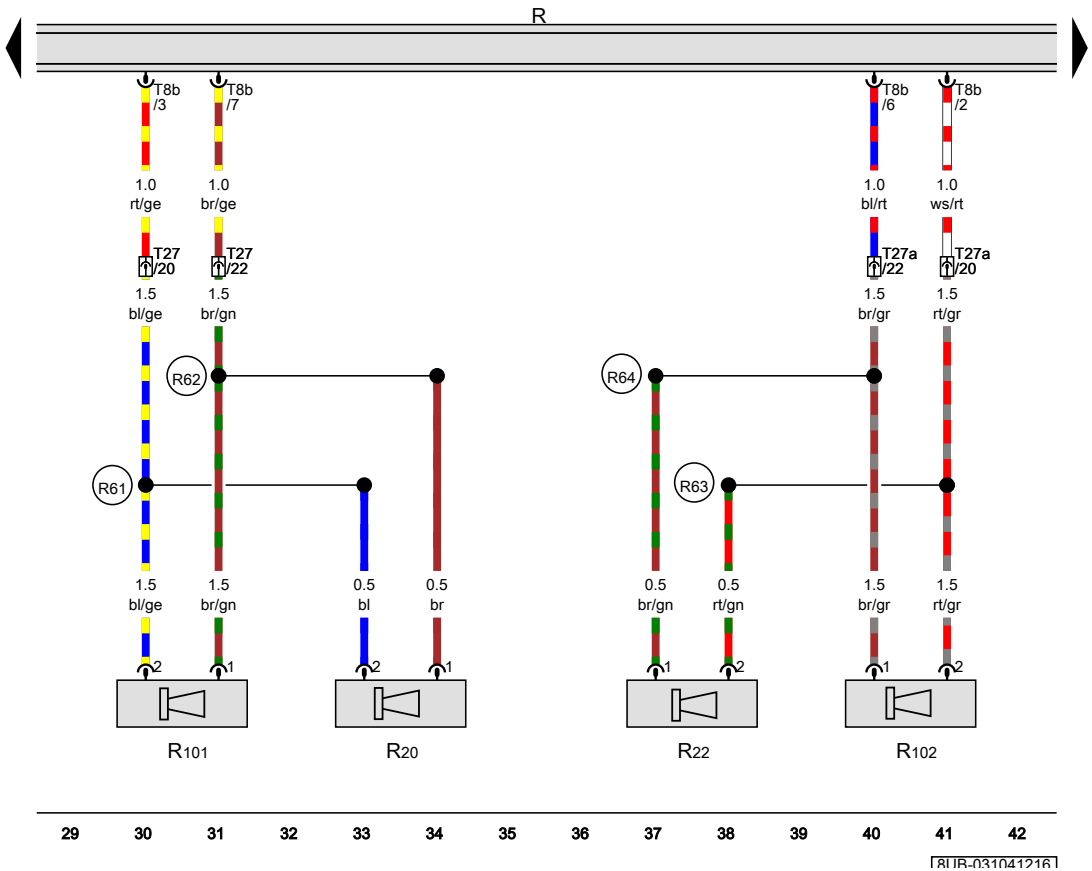
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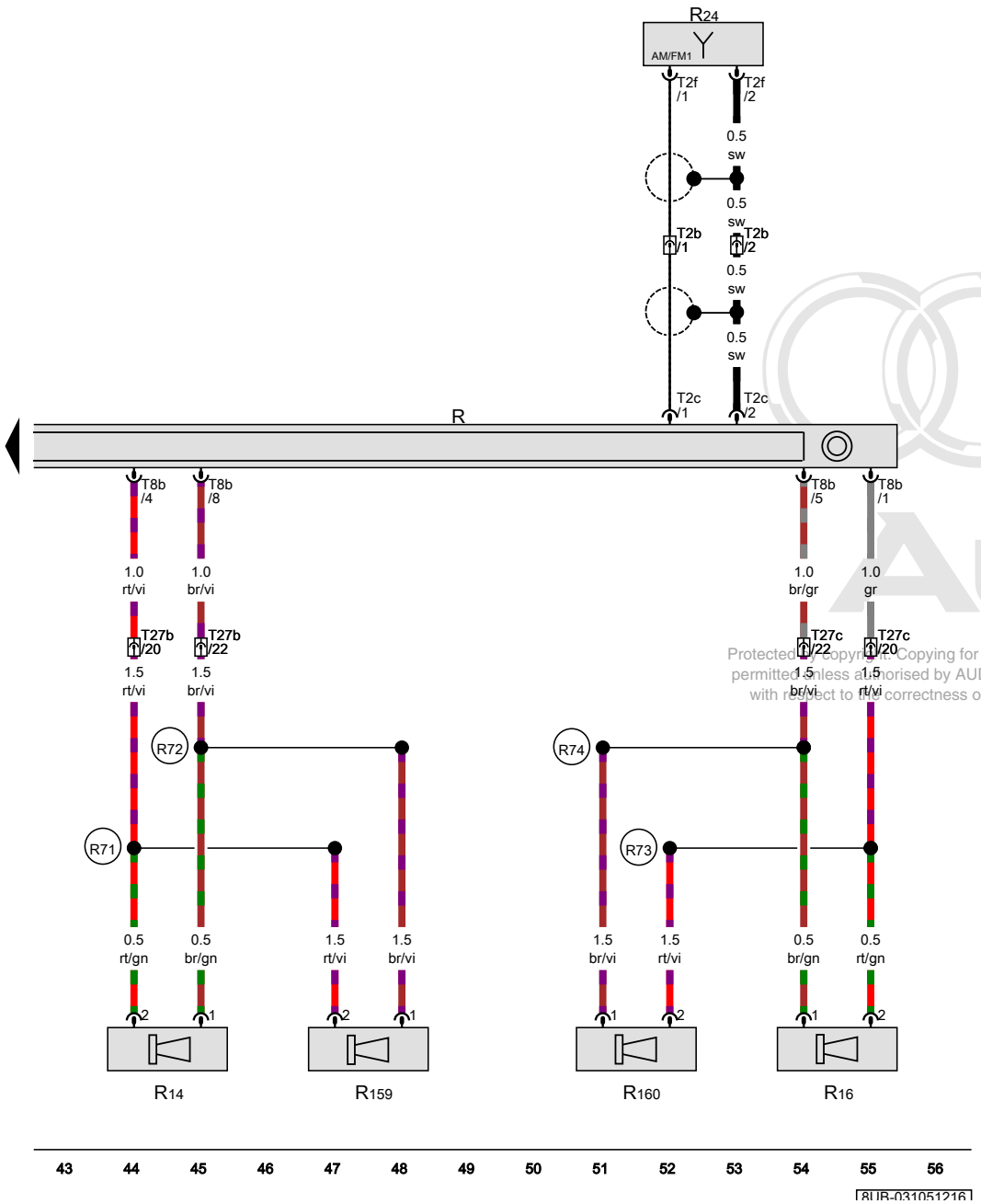
Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

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
T8b	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness

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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier, 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
R24	Aerial amplifier
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T2b	2-pin connector, Coupling point for rear lid
T2c	2-pin connector
T2f	2-pin connector
T8b	8-pin connector
T27b	27-pin connector, on right A-pillar, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

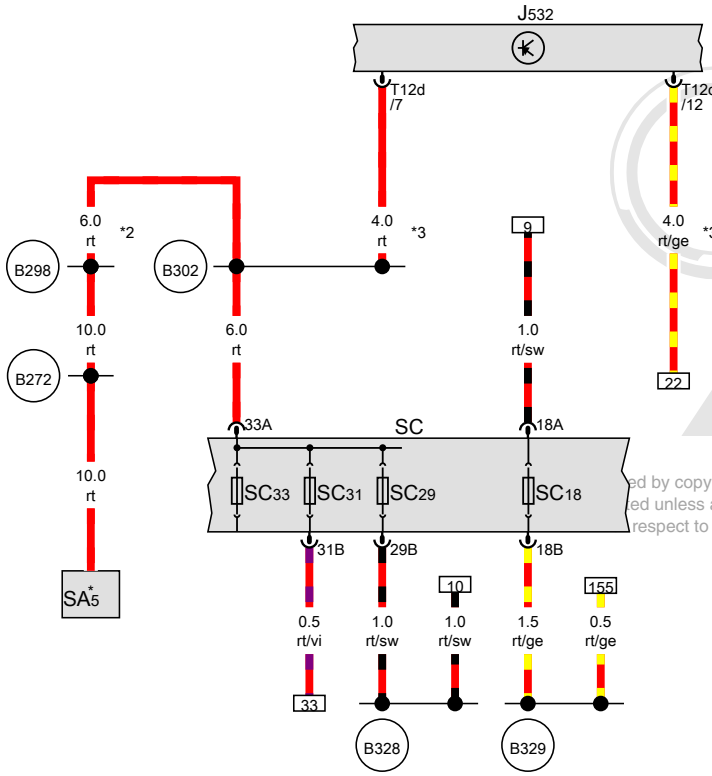
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Radio concert (CAN bus) , (8AL)

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Fuse holder C

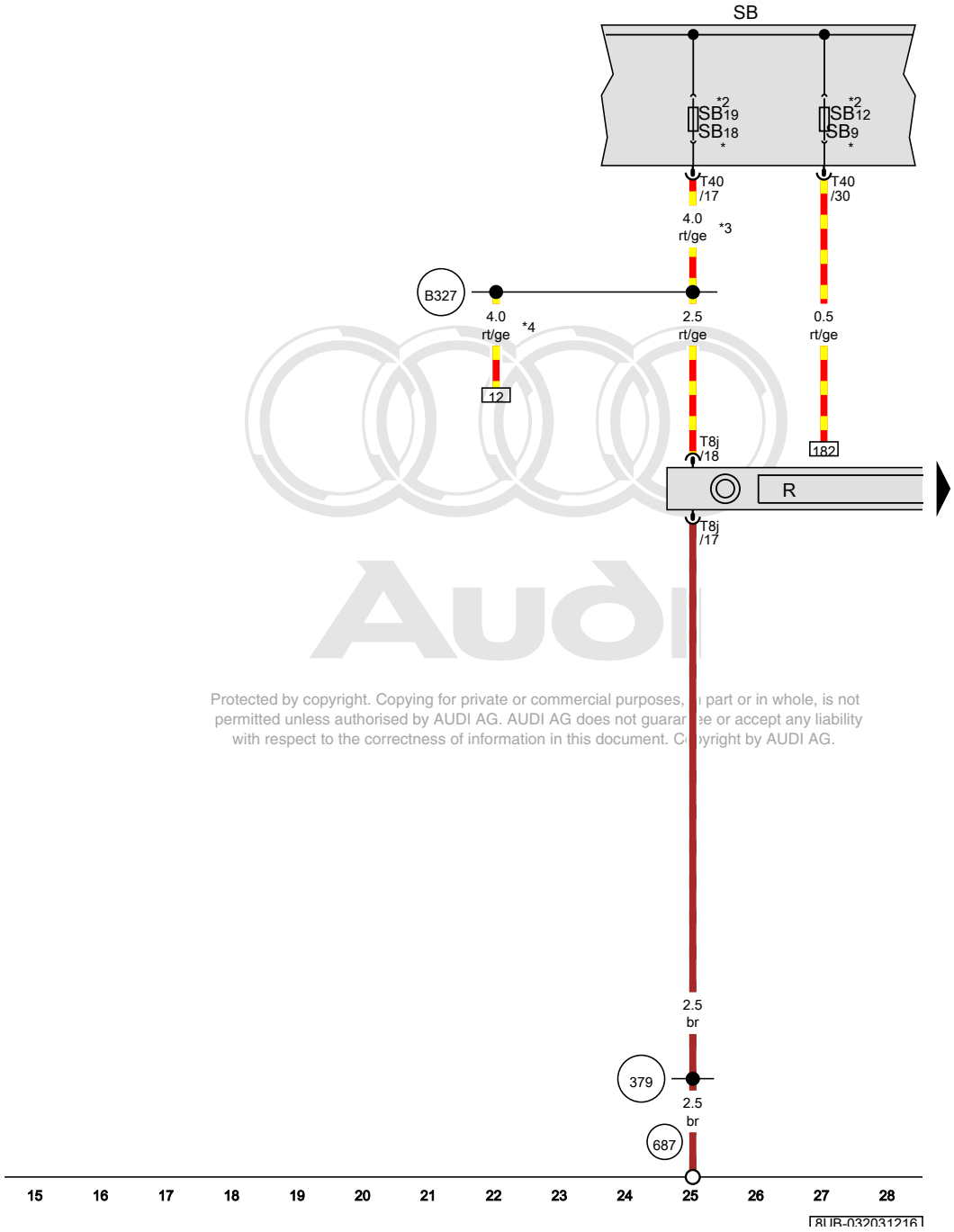
J532	Voltage stabiliser
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T12d	12-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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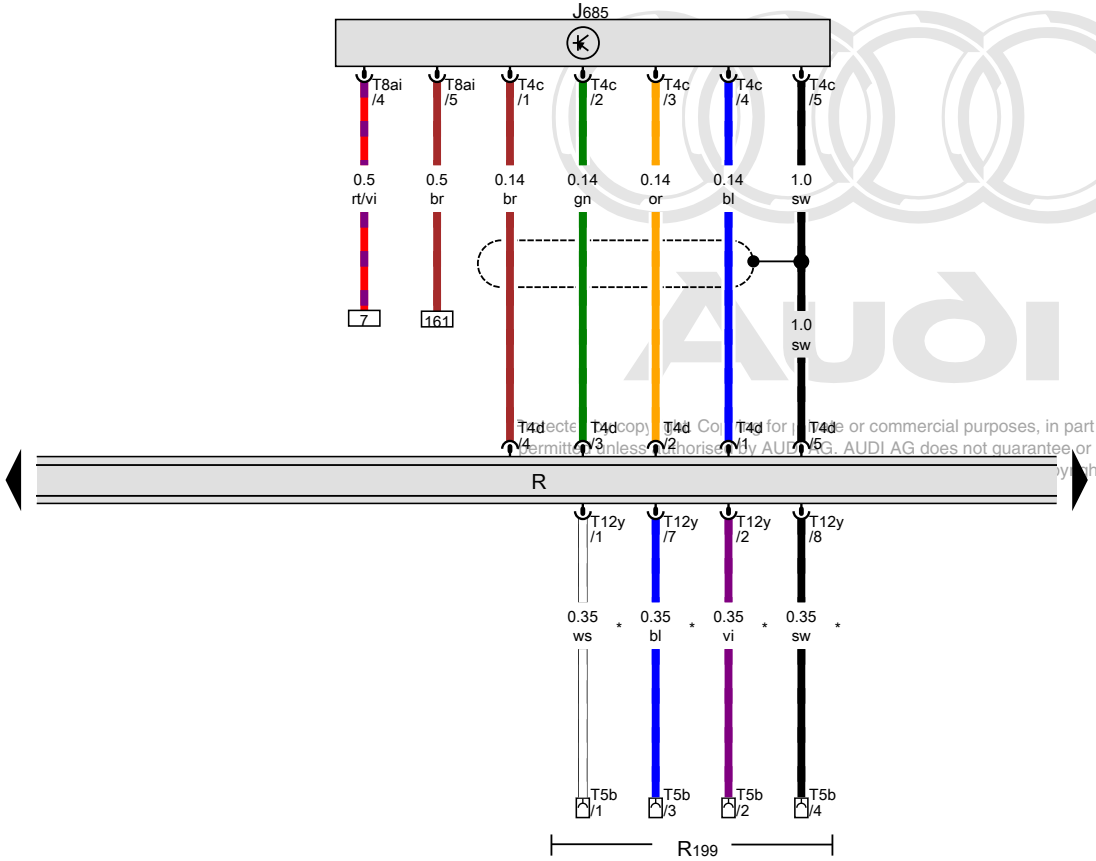


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Radio

R	Radio
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
T8j	8-pin connector
T40	40-pin connector
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
B327	Positive connection 13 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with no start/stop system
*4	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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Radio, Connection for external audio sources

J685	Display unit for front information display and operating unit control unit
R	Radio
R199	Connection for external audio sources
T4c	4-pin connector
T4d	4-pin connector
T5b	5-pin connector
T8ai	8-pin connector
T12y	12-pin connector
*	Only models with connection for external audio sources - AUX-IN socket

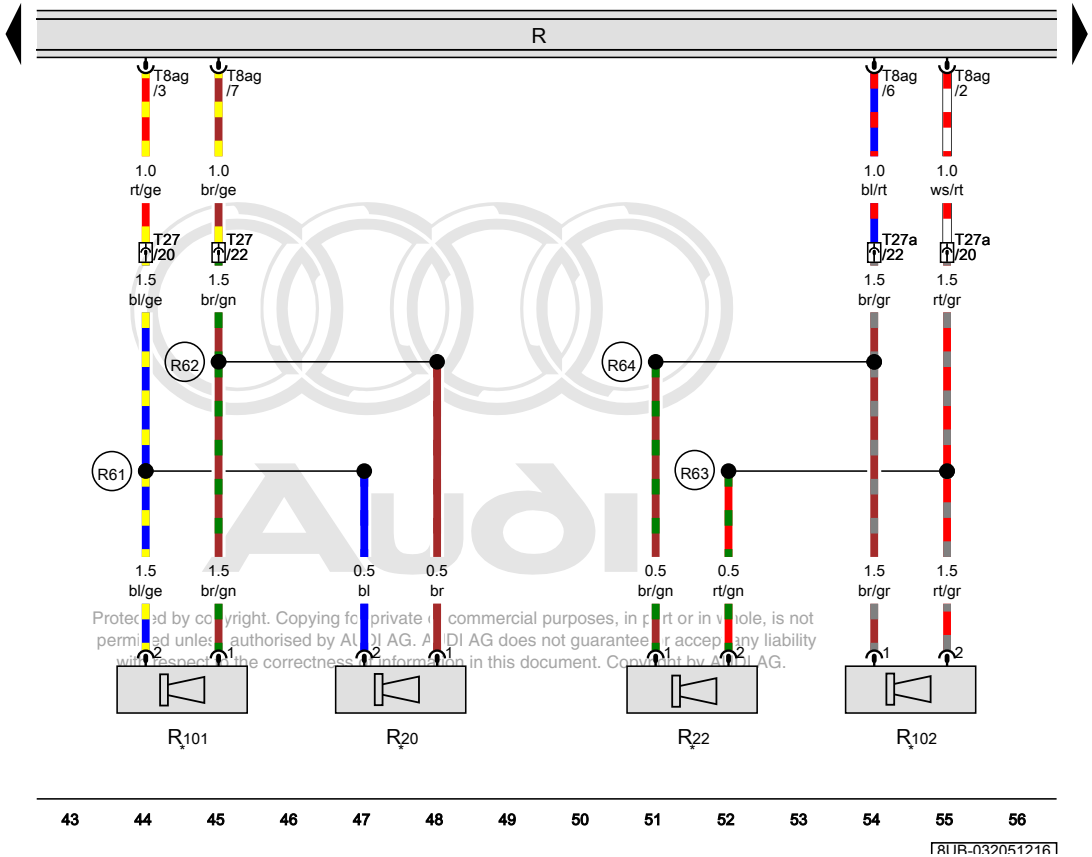
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or	=	orange
rs	=	pink

29 30 31 32 33 34 35 36 37 38 39 40 41 42

8UB-032041216

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

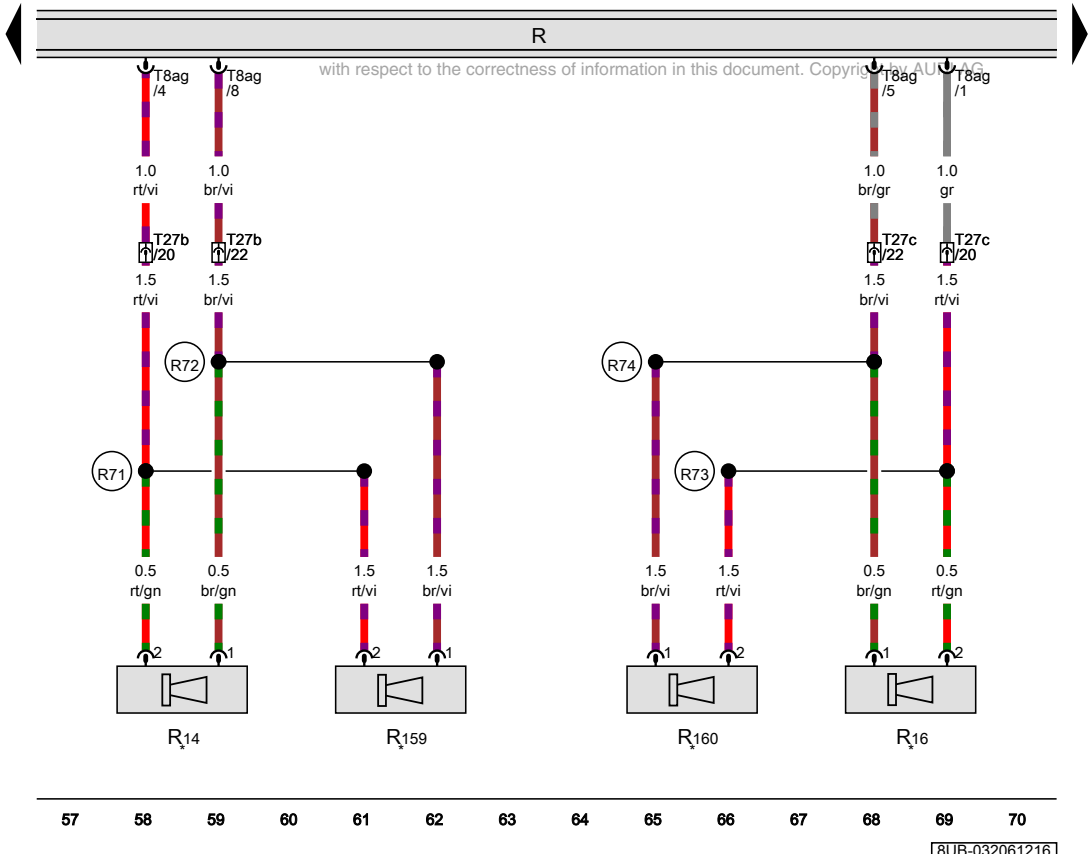
R	Radio
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
T8ag	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with passive loudspeakers



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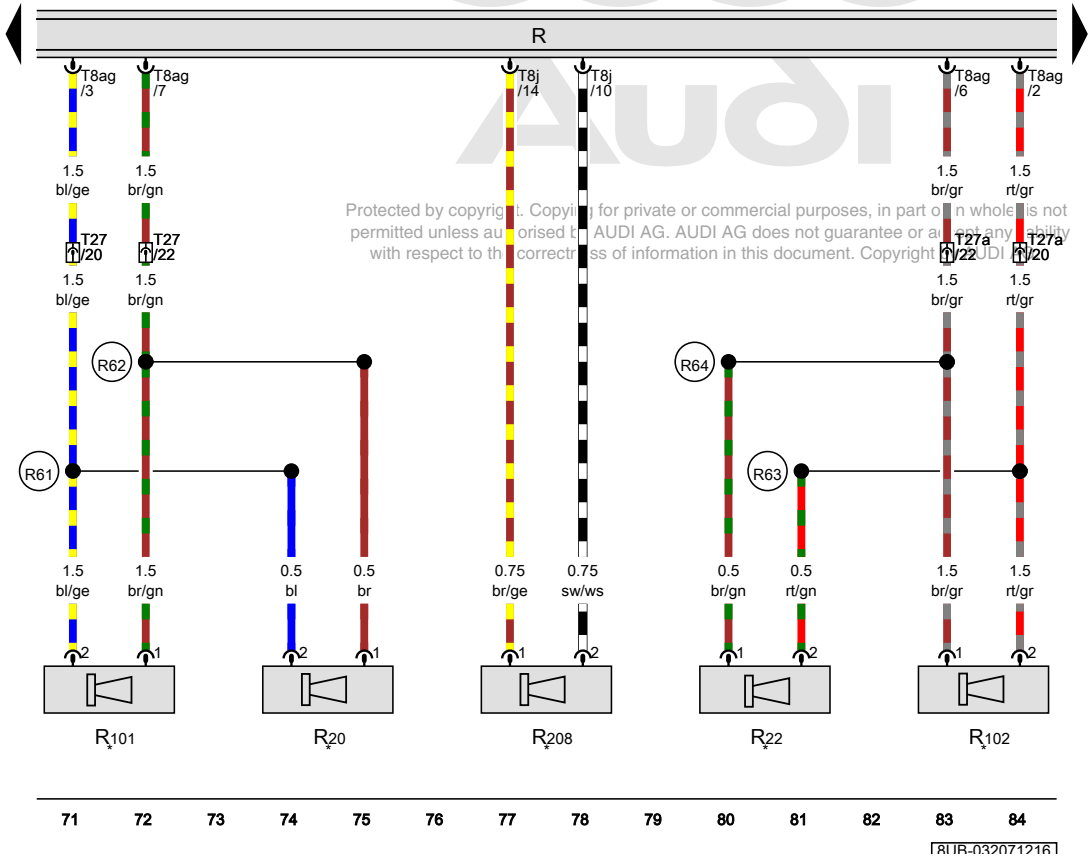
Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers

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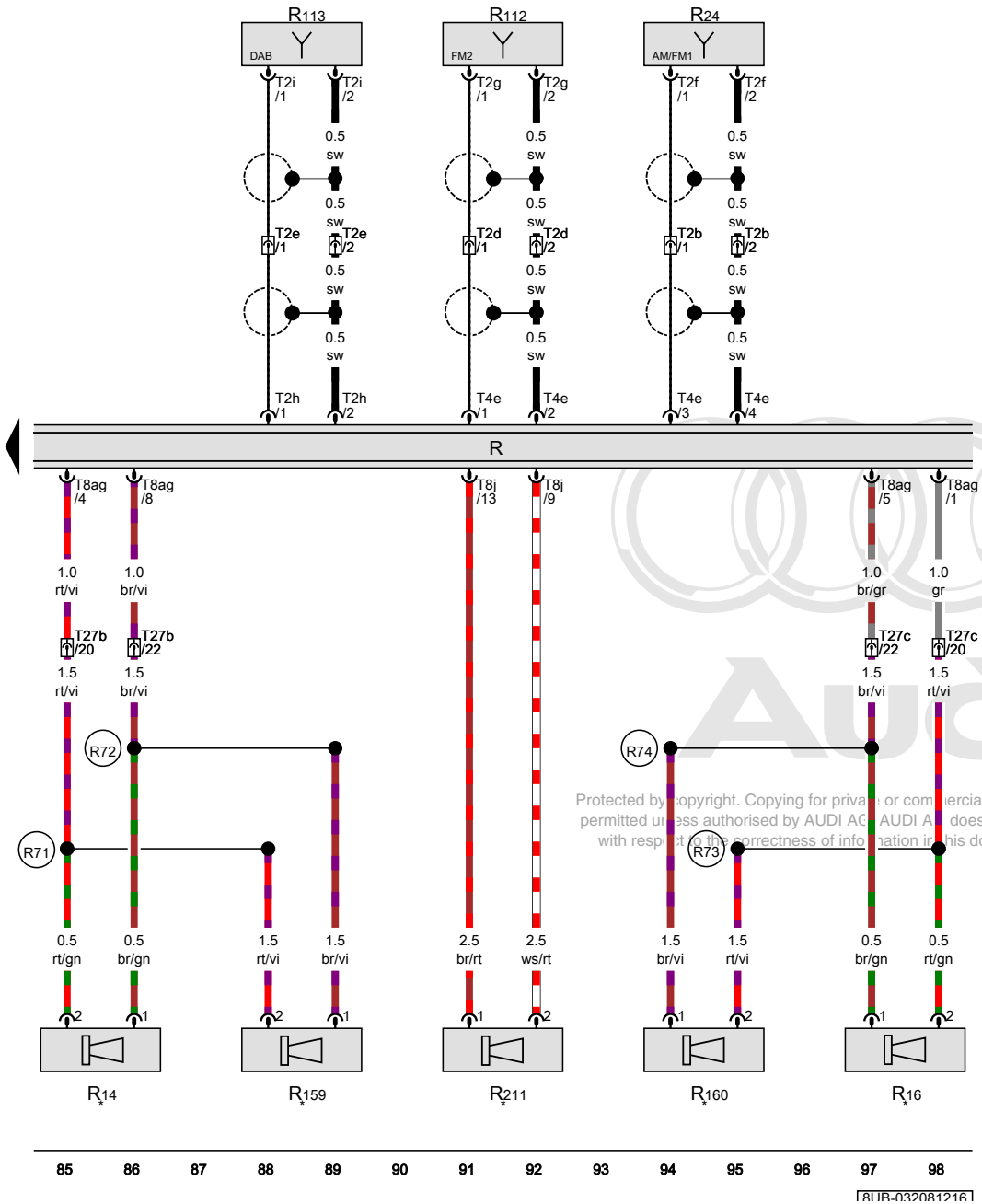
Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker, Centre loudspeaker

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
R208	Centre loudspeaker
T8ag	8-pin connector
T8j	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with active loudspeakers



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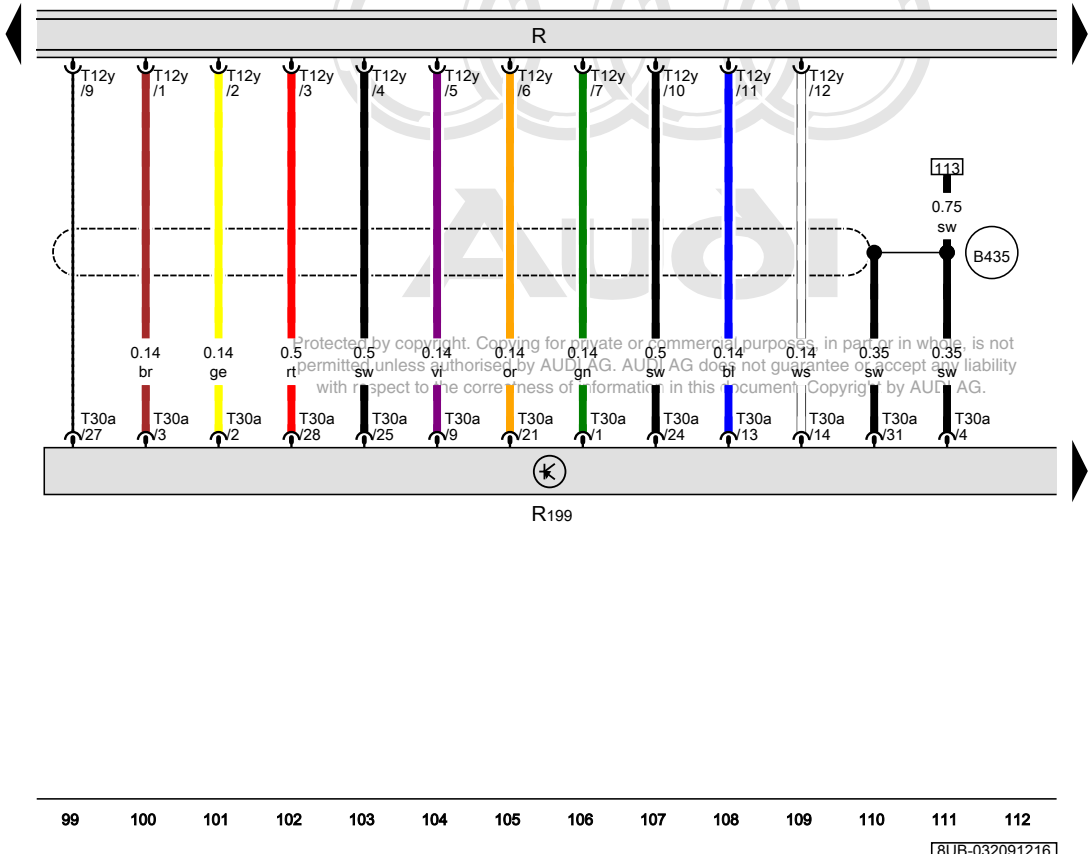
Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R24	Aerial amplifier
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2b	2-pin connector, Coupling point for rear lid
T2d	2-pin connector, Coupling point for rear lid
T2e	2-pin connector, Coupling point for rear lid
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T4e	4-pin connector
T8ag	8-pin connector
T8j	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers

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Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T12y	12-pin connector
T30a	30-pin connector
B435	Connection 2 (screen), in main wiring harness



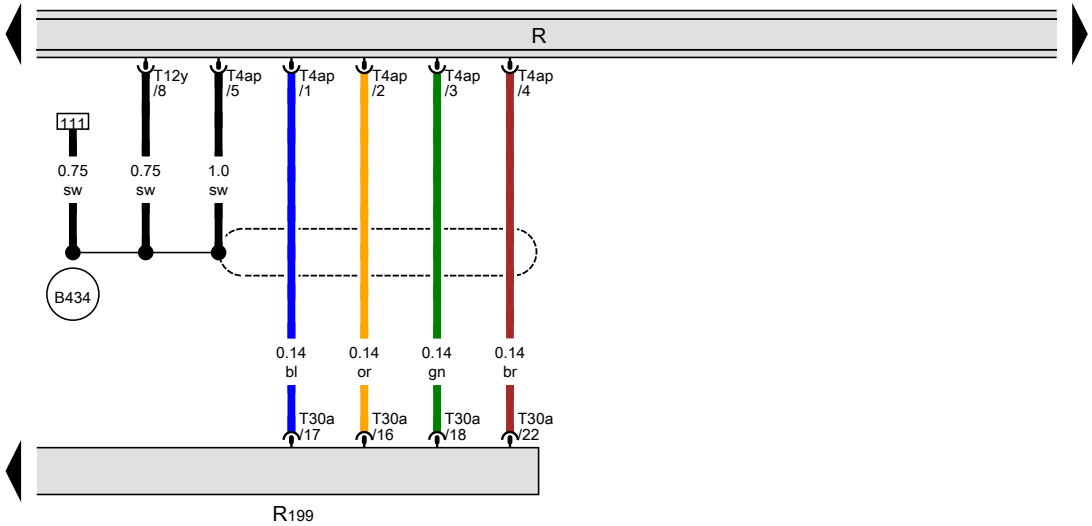
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Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T4ap	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness



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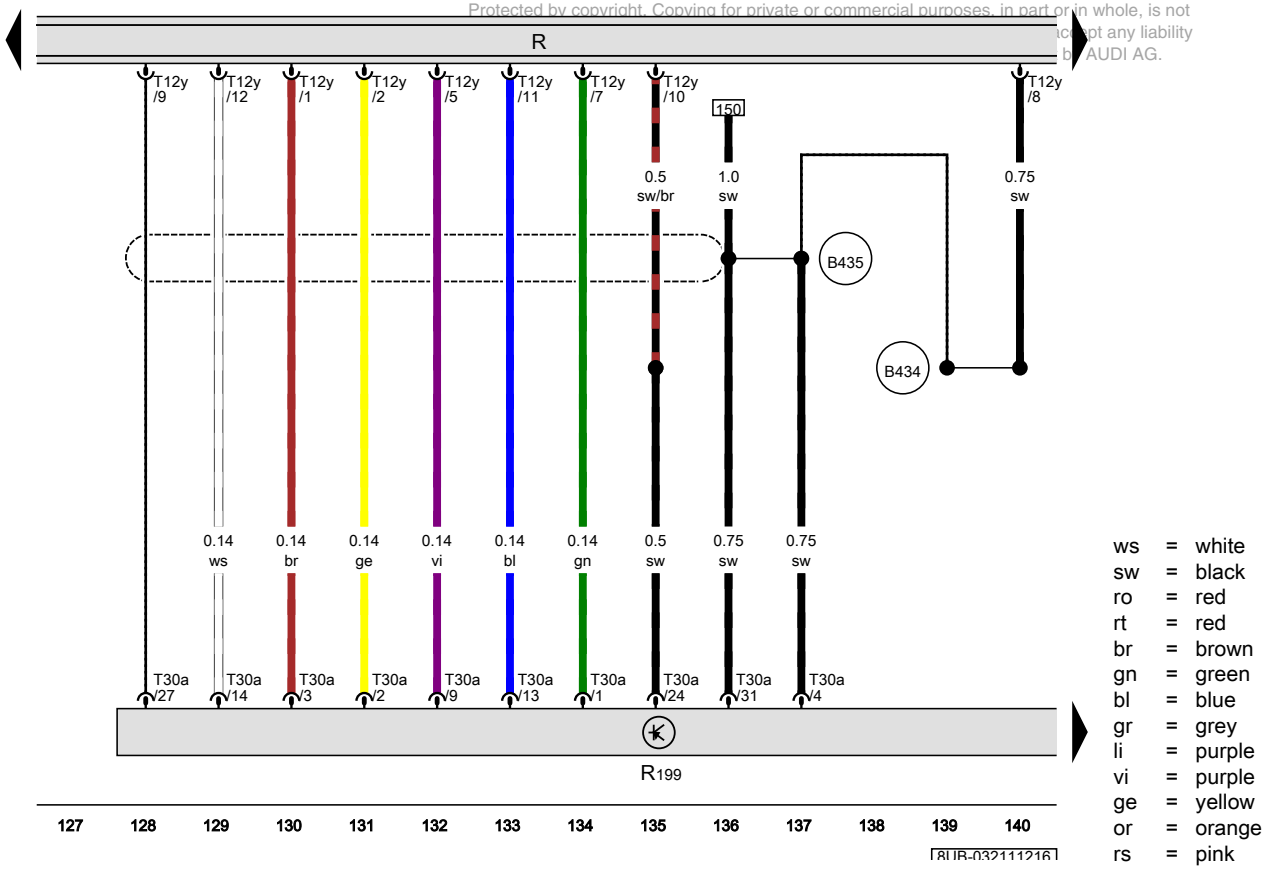
113 114 115 116 117 118 119 120 121 122 123 124 125 126

8UB-032101216

Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
B435	Connection 2 (screen), in main wiring harness

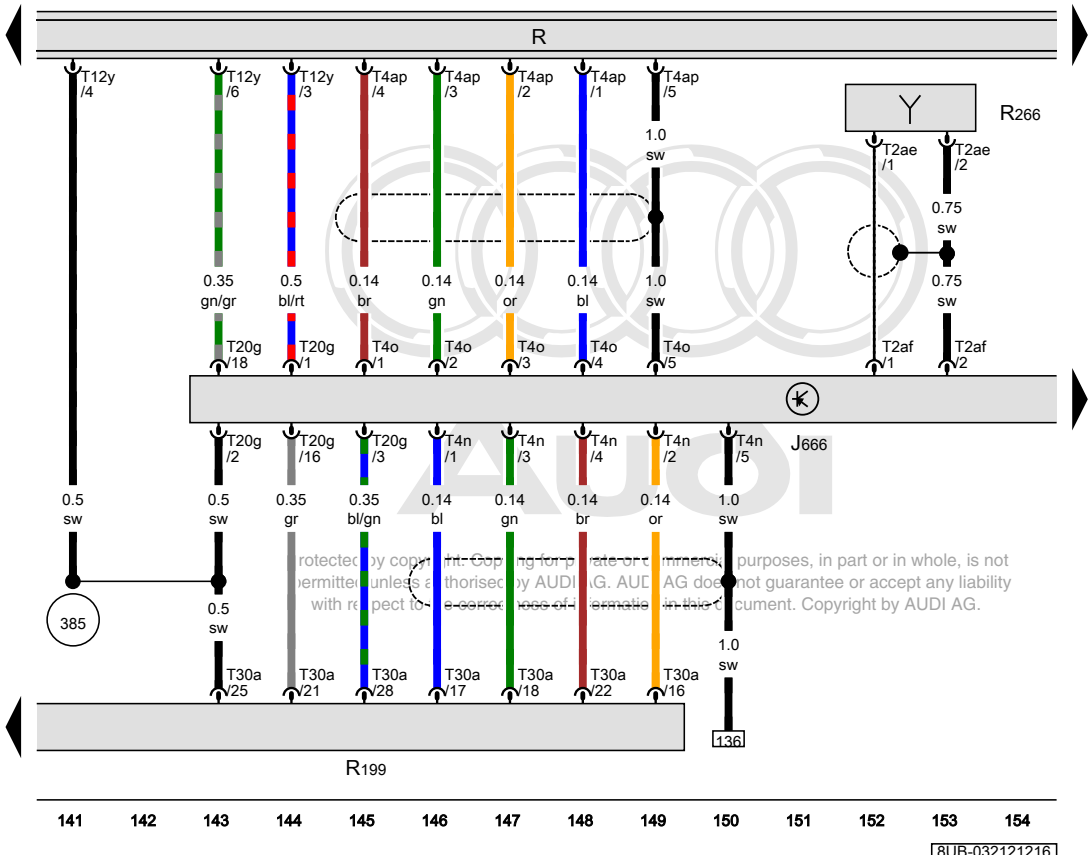
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bl	=	blue
gr	=	grey
li	=	purple
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ge	=	yellow
or	=	orange
rs	=	pink

Internet access control unit, Radio, Connection for external audio sources, Internet access aerial

J666	Internet access control unit
R	Radio
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector
T2af	2-pin connector
T4ap	4-pin connector
T4n	4-pin connector
T4o	4-pin connector
T12y	12-pin connector
T20g	20-pin connector
T30a	30-pin connector
385	Earth connection 20, in main wiring harness

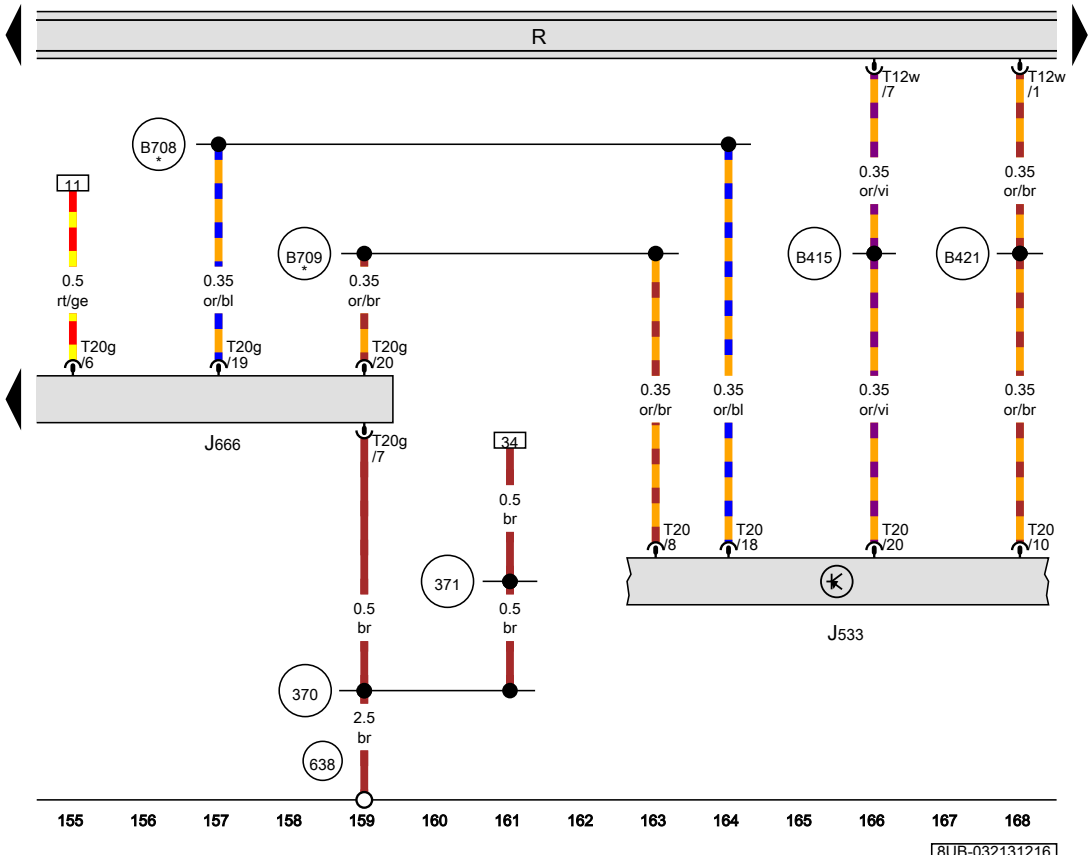


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rs	=	pink

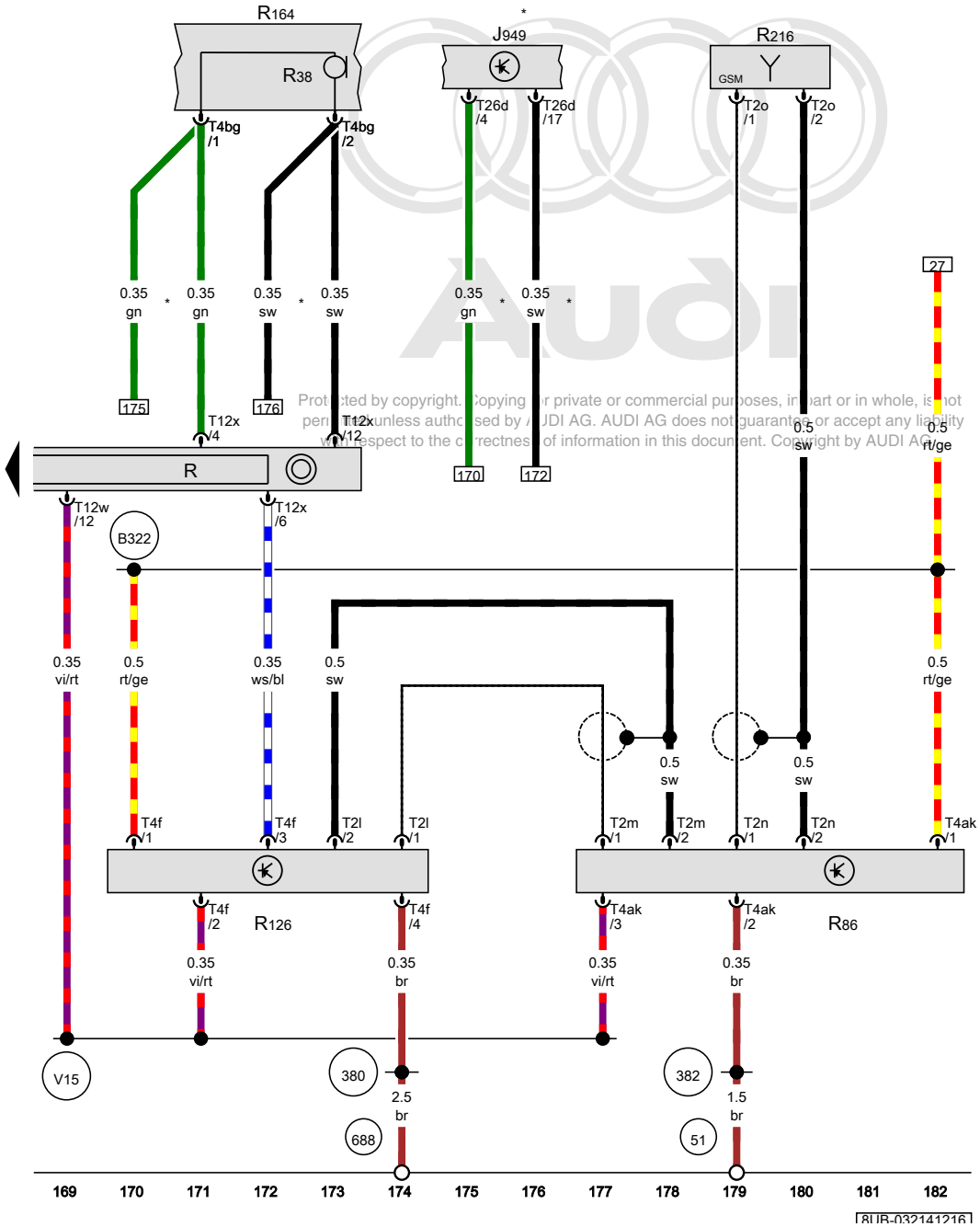
Data bus diagnostic interface, Internet access control unit, Radio

J533	Data bus diagnostic interface
J666	Internet access control unit
R	Radio
T12w	12-pin connector
T20	20-pin connector
T20g	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network



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

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vi = purple
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or = orange
rs = pink

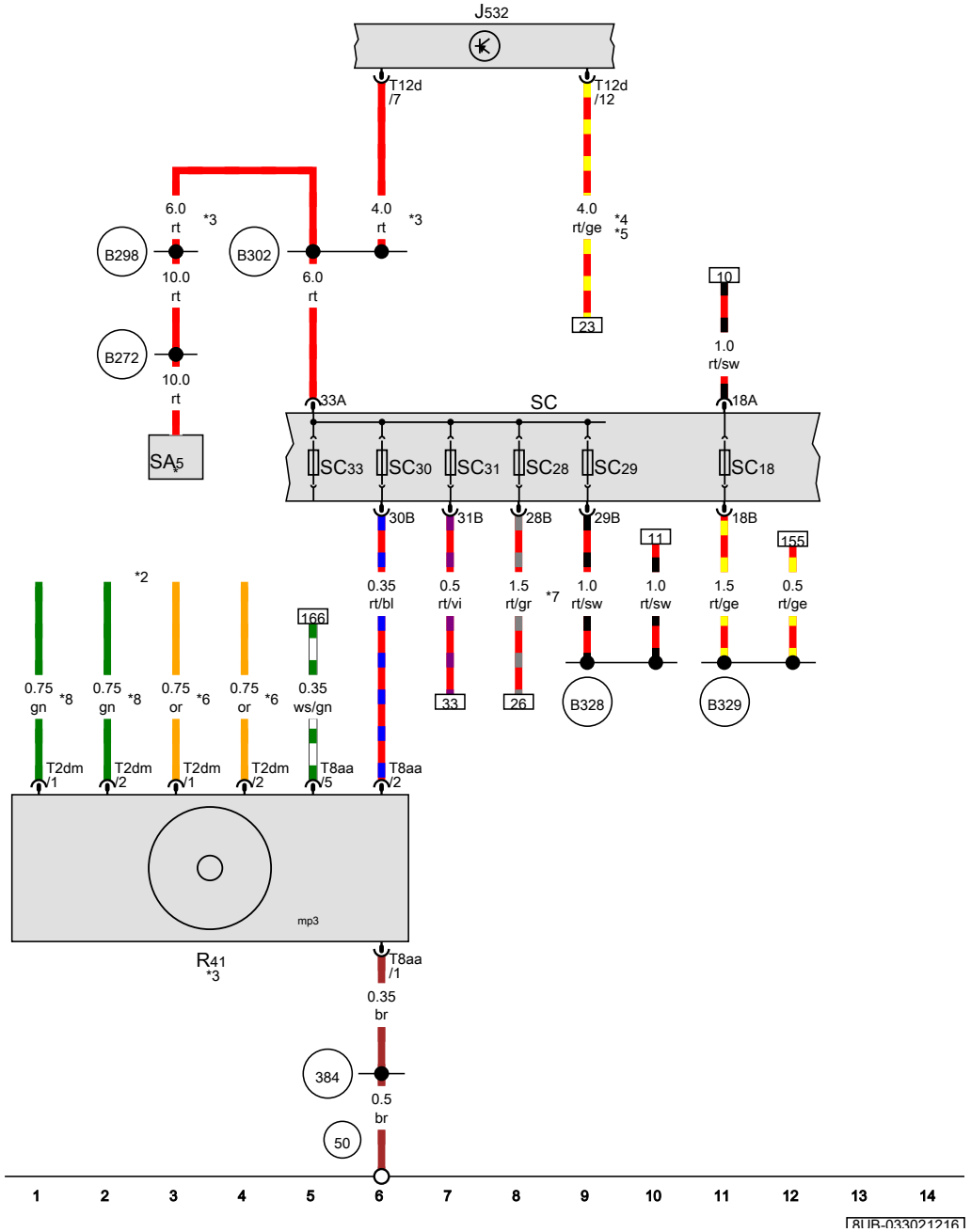
Emergency call module control unit and communication unit, Radio, Aerial amplifier for mobile telephone, Telephone bracket, Microphone unit in front roof module, Roof aerial

J949	Emergency call module control unit and communication unit
R	Radio
R38	Telephone microphone
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R164	Microphone unit in front roof module
R216	Roof aerial
T2l	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T2o	2-pin connector
T4ak	4-pin connector
T4bg	4-pin connector
T4f	4-pin connector
T12w	12-pin connector
T12x	12-pin connector
T26d	26-pin connector, black
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	Only models with emergency call module

Radio concert (MOST bus) , (8DS),(I6A)

From August 2011

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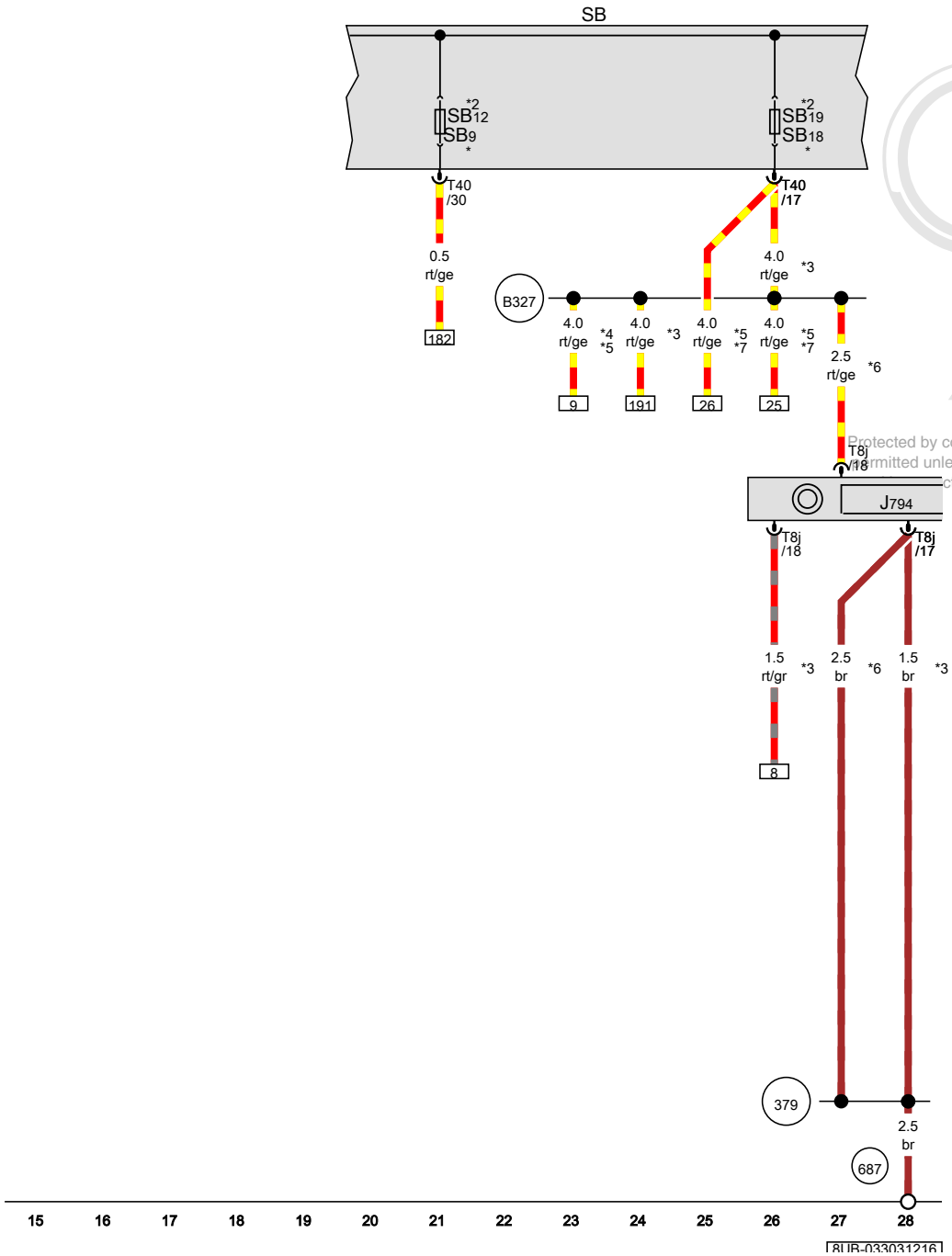
CD changer, Fuse holder C

J532	Voltage stabiliser
R41	CD changer
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2dm	2-pin connector
T8aa	8-pin connector
T12d	12-pin connector
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness

*	see applicable current flow diagram for battery
*2	see applicable current flow diagram for infotainment MOST bus
*3	According to equipment
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	Up to April 2014
*7	Only models with BOSE sound system
*8	From May 2014

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Control unit 1 for information electronics

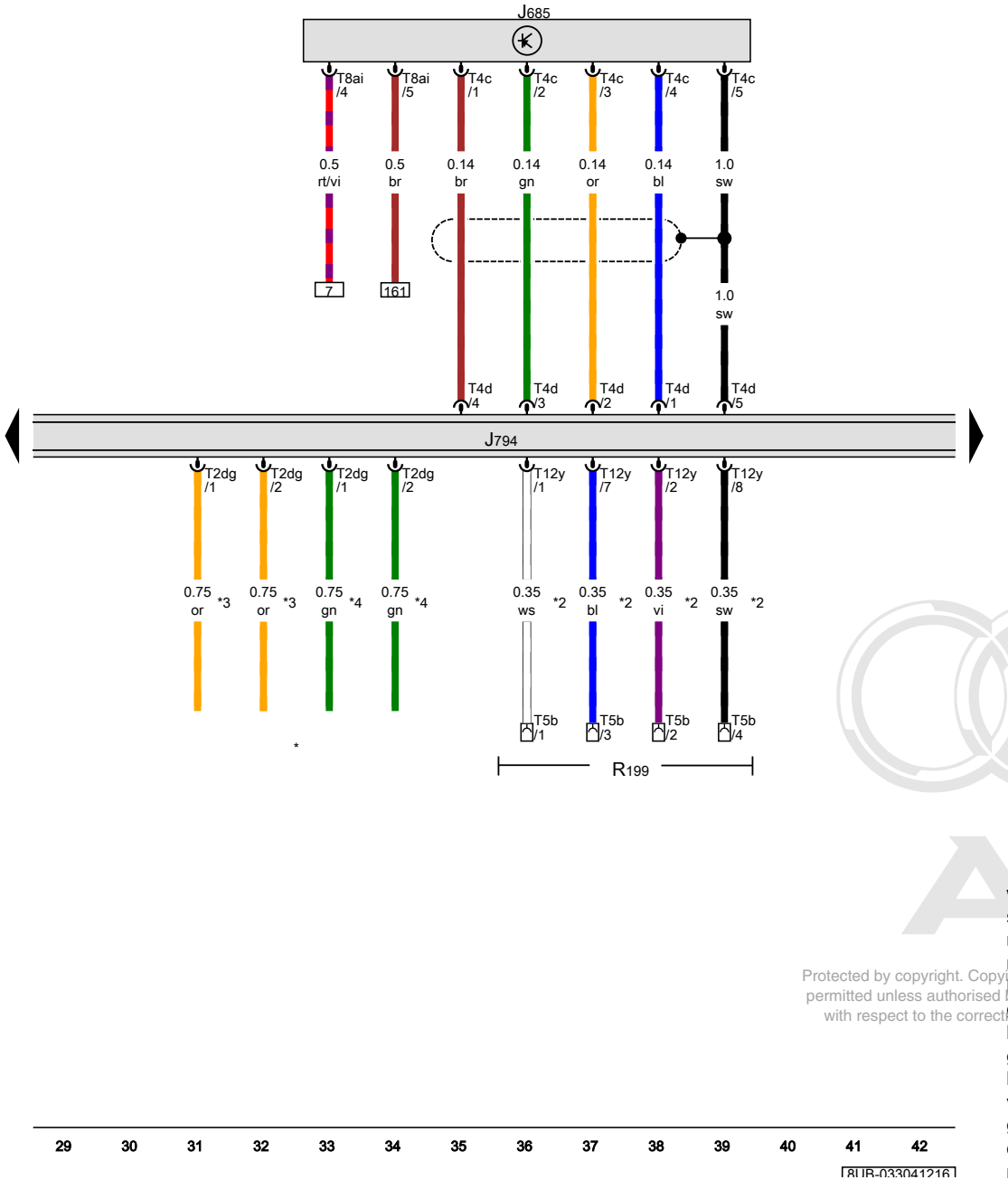
J794	Control unit 1 for information electronics
SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
T8j	8-pin connector
T40	40-pin connector
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
B327	Positive connection 13 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with BOSE sound system
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	According to equipment
*7	Only models with no start/stop system

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

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T2dg	2-pin connector
T4c	4-pin connector
T4d	4-pin connector
T5b	5-pin connector
T8ai	8-pin connector
T12y	12-pin connector
*	see applicable current flow diagram for infotainment MOST bus
*2	Only models with connection for external audio sources - AUX-IN socket
*3	Up to April 2014
*4	From May 2014

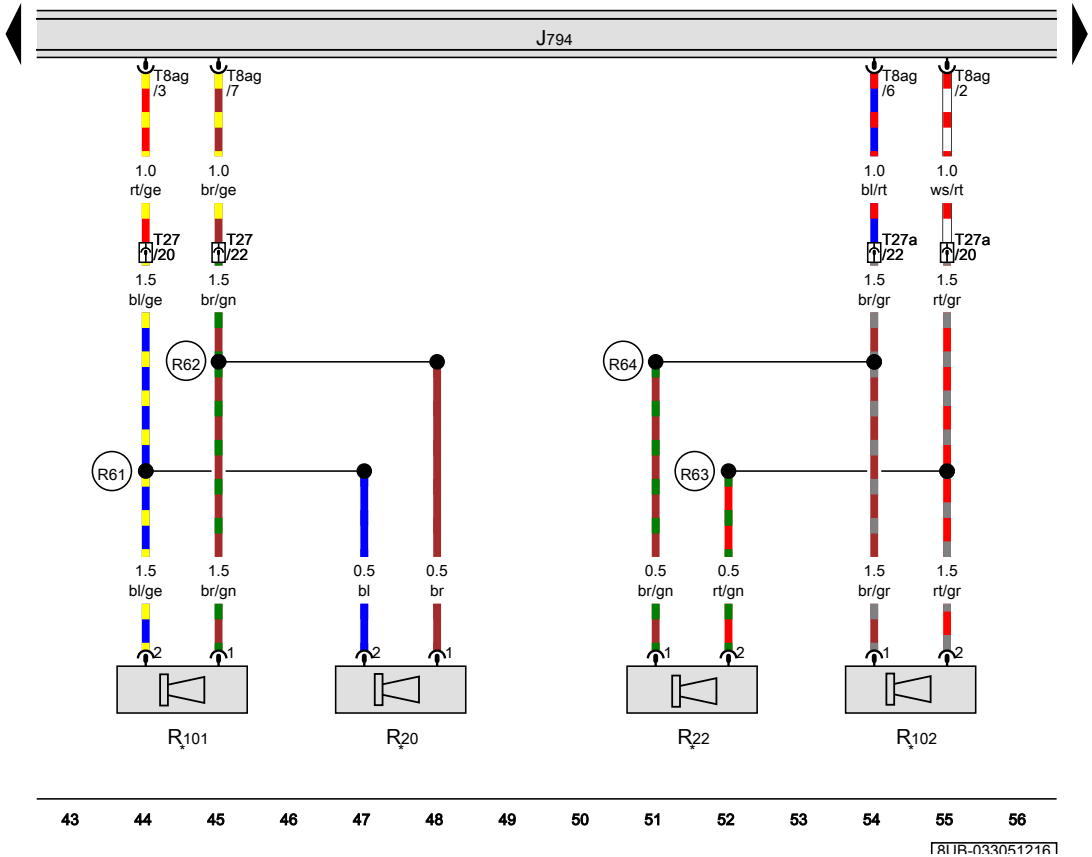


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Control unit 1 for information electronics, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
T8ag	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with passive loudspeakers

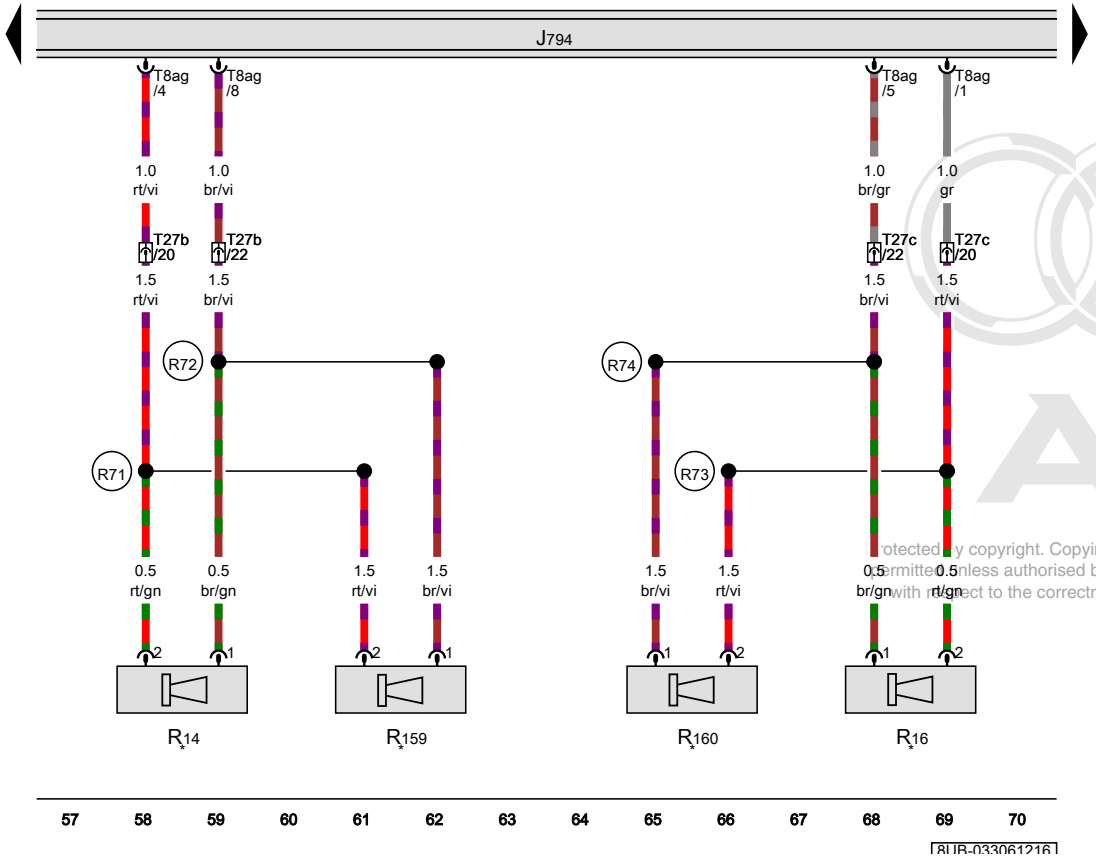


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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T8ag	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers

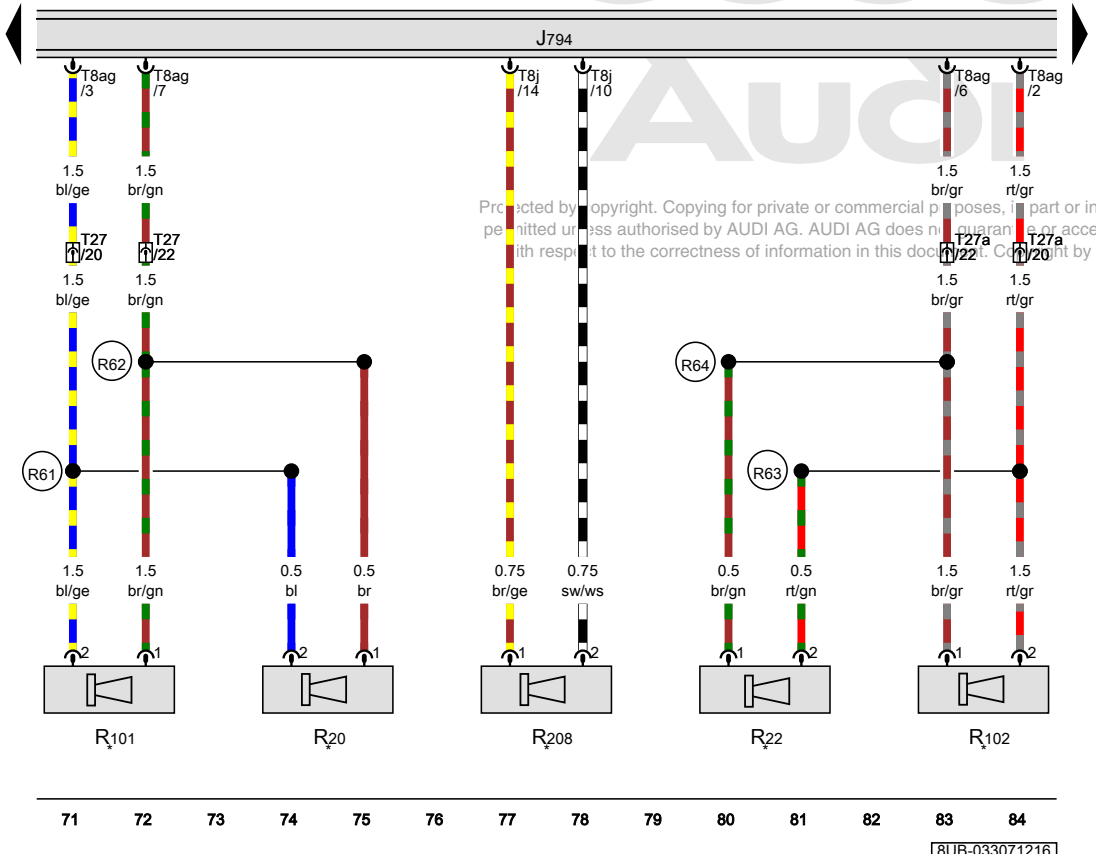


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rs	=	pink

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

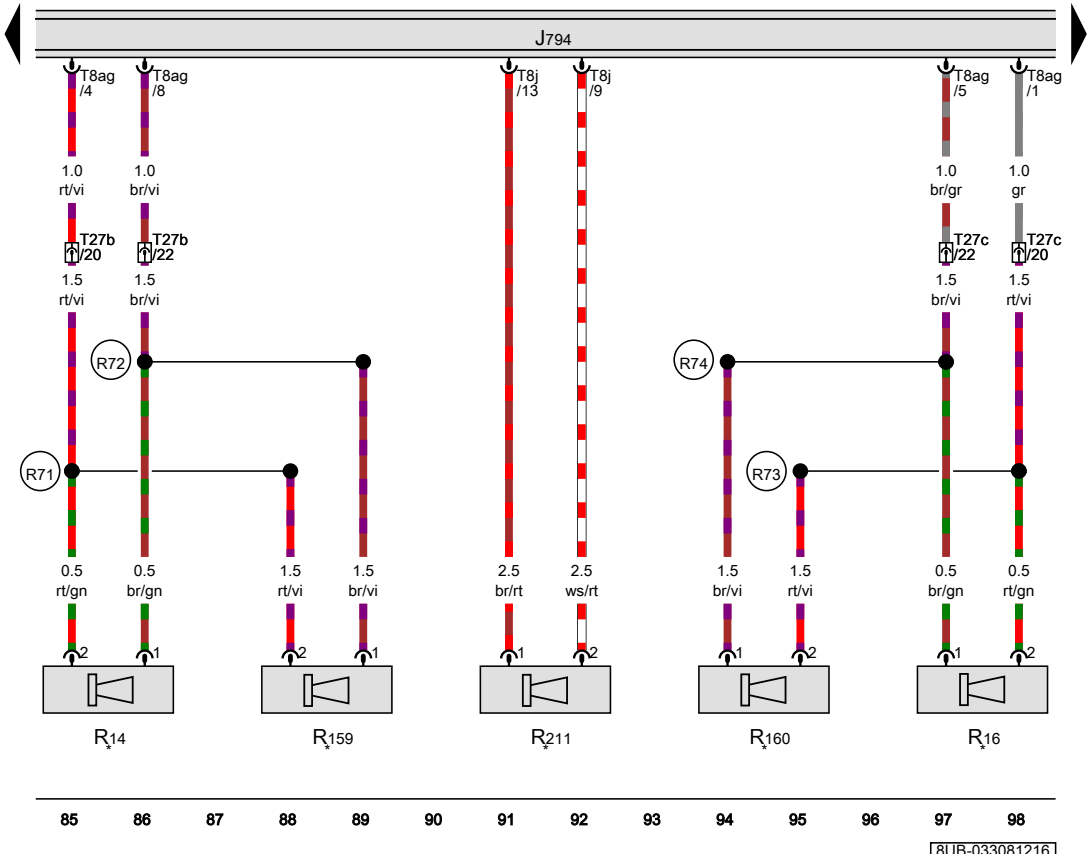
J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
R208	Centre loudspeaker
T8ag	8-pin connector
T8j	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with active loudspeakers



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

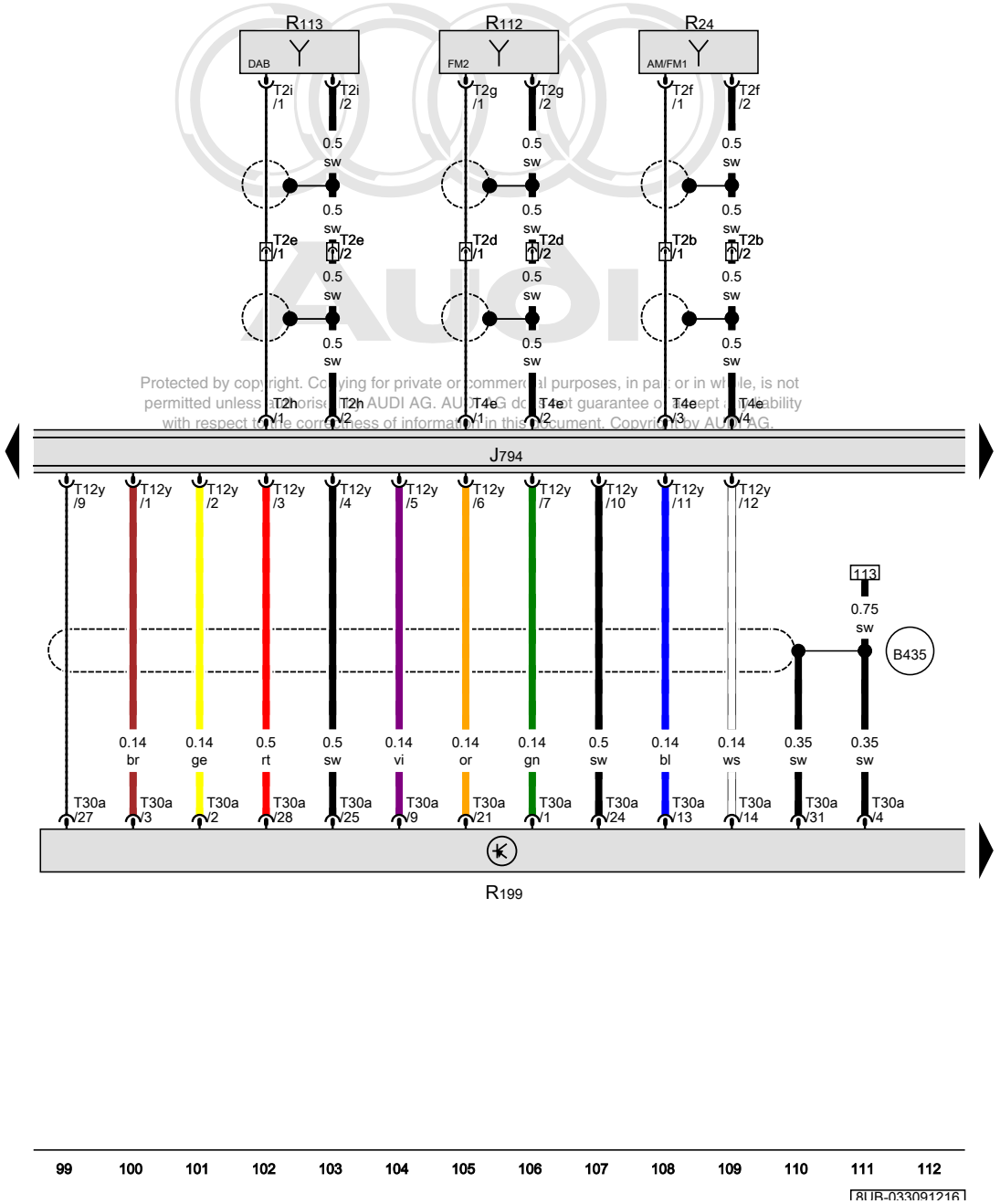
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T8ag	8-pin connector
T8j	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers

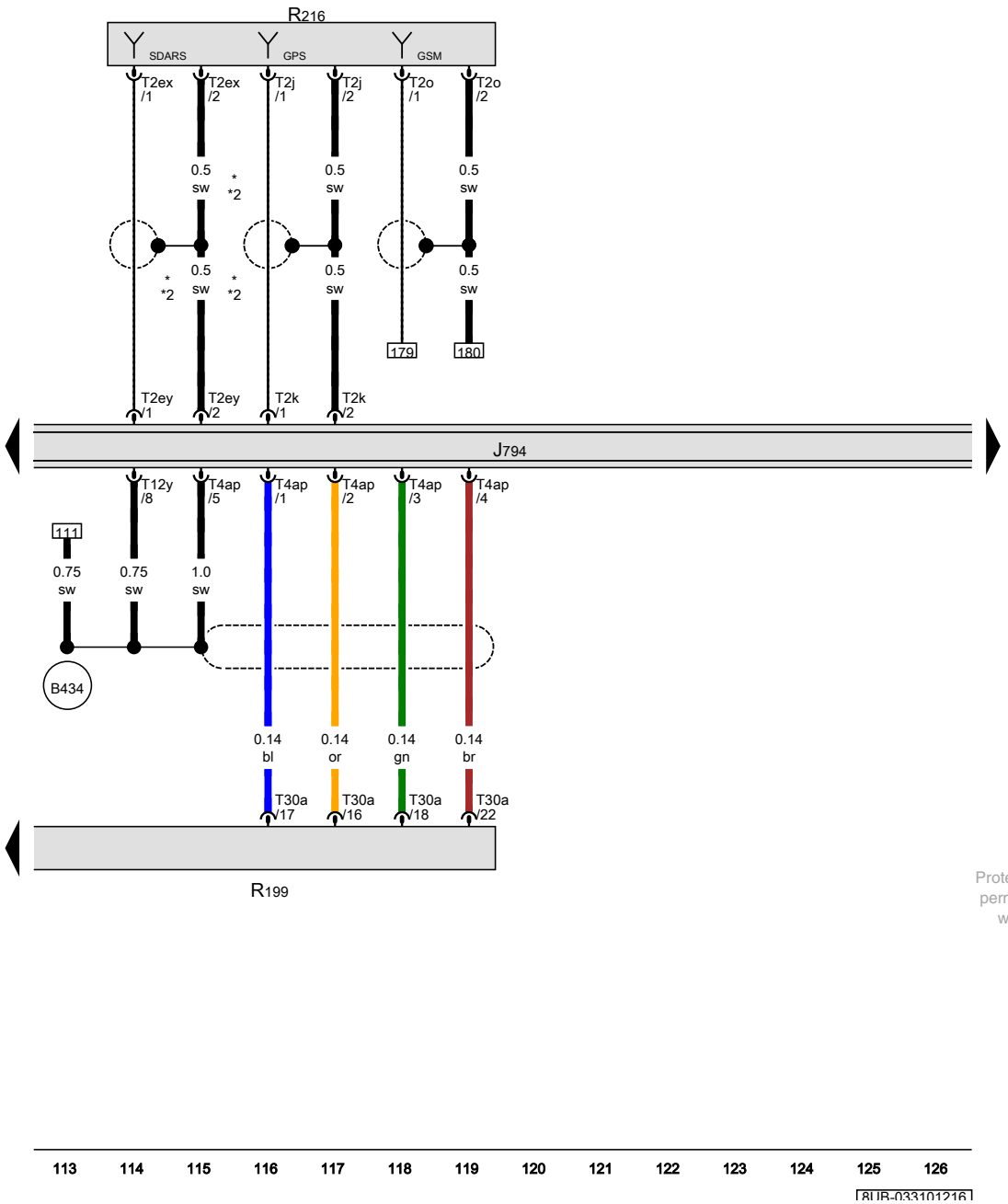


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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4

J794	Control unit 1 for information electronics
R24	Aerial amplifier
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R199	Connection for external audio sources
T2b	2-pin connector, Coupling point for rear lid
T2d	2-pin connector, Coupling point for rear lid
T2e	2-pin connector, Coupling point for rear lid
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T4e	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B435	Connection 2 (screen), in main wiring harness

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



Control unit 1 for information electronics, Roof aerial

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R216	Roof aerial
T2ex	2-pin connector
T2ey	2-pin connector
T2j	2-pin connector
T2k	2-pin connector
T2o	2-pin connector
T4ap	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
*	If fitted
*2	Only left-hand drive models

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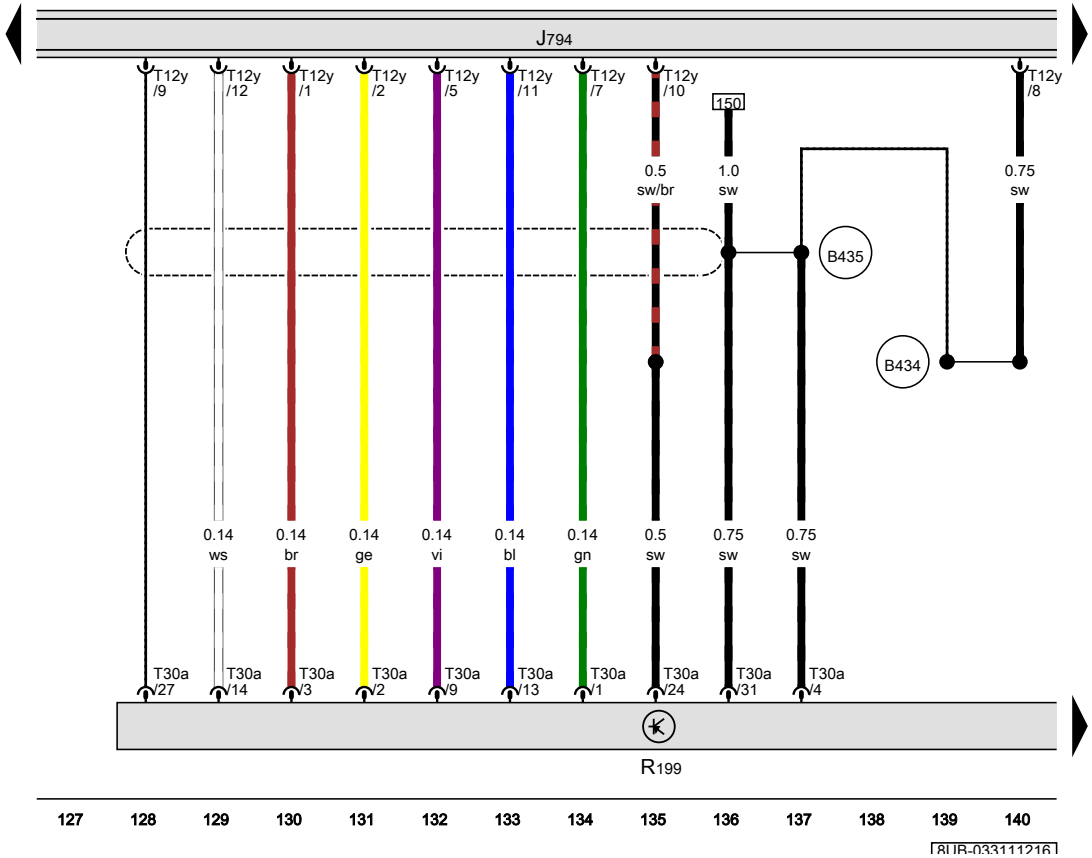
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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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
T30a 30-pin connector

B434 Connection 1 (screen), in main wiring harness

B435 Connection 2 (screen), in main wiring harness



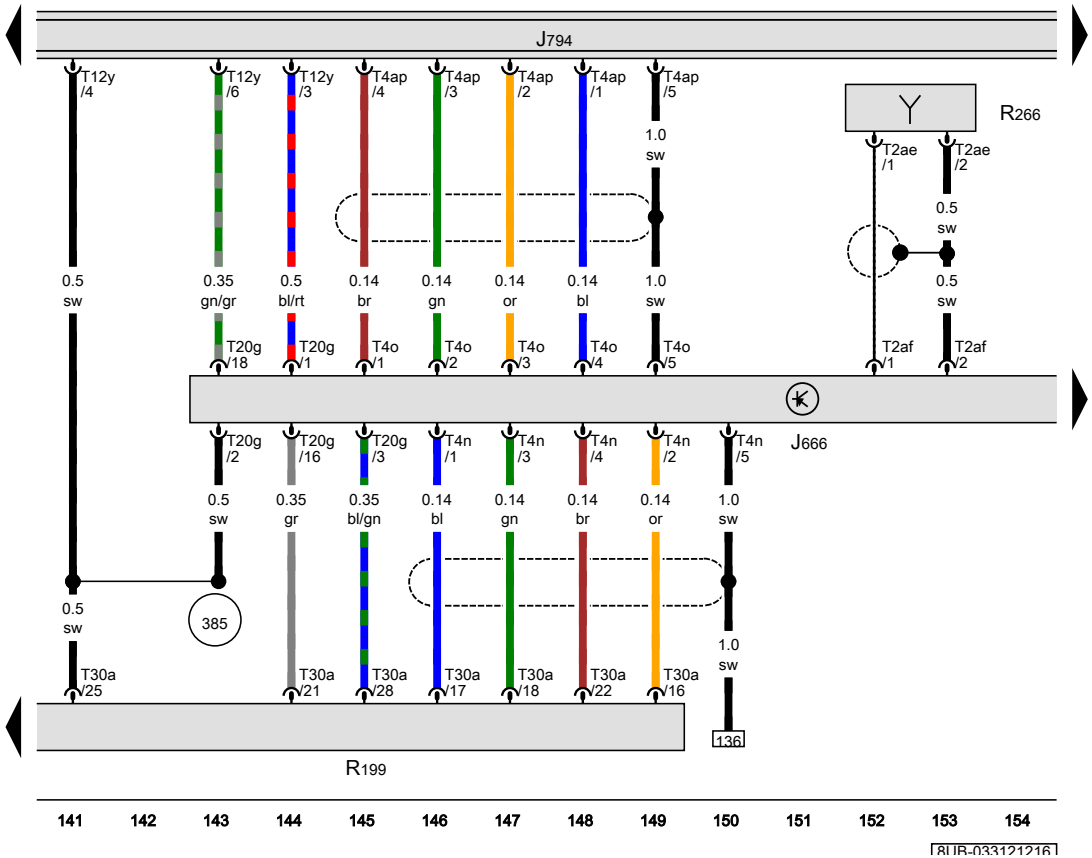
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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Internet access control unit, Control unit 1 for information electronics, Connection for external audio sources, Internet access aerial

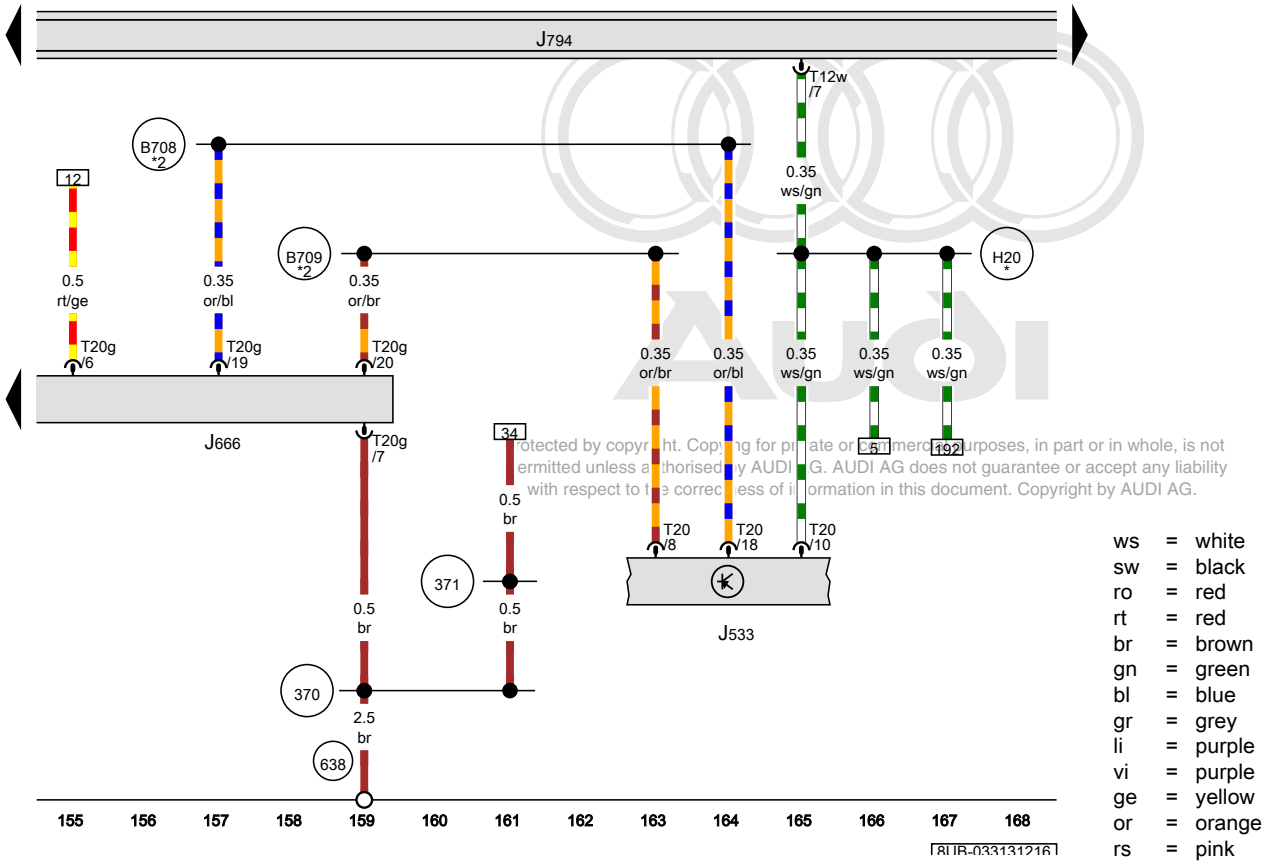
J666	Internet access control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector
T2af	2-pin connector
T4ap	4-pin connector
T4n	4-pin connector
T4o	4-pin connector
T12y	12-pin connector
T20g	20-pin connector
T30a	30-pin connector
385	Earth connection 20, in main wiring harness



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

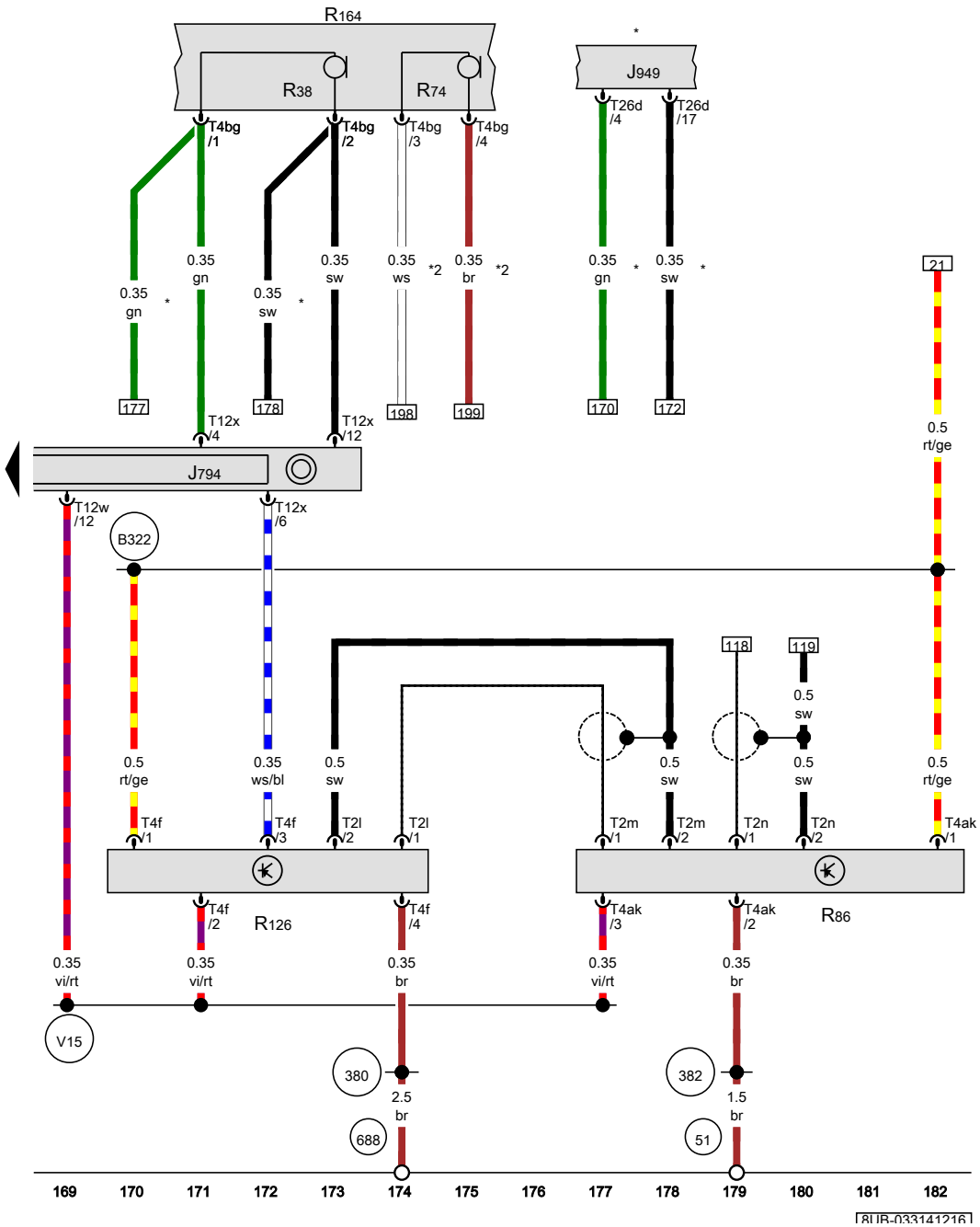
Data bus diagnostic interface, Internet access control unit, Control unit 1 for information electronics

J533	Data bus diagnostic interface
J666	Internet access control unit
J794	Control unit 1 for information electronics
T12w	12-pin connector
T20	20-pin connector
T20g	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	see applicable current flow diagram for ring circuit break diagnostic
*2	see applicable current flow diagram for data bus network



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



Control unit 1 for information electronics, Emergency call module control unit and communication unit, Aerial amplifier for mobile telephone, Telephone bracket, Microphone unit in front roof module

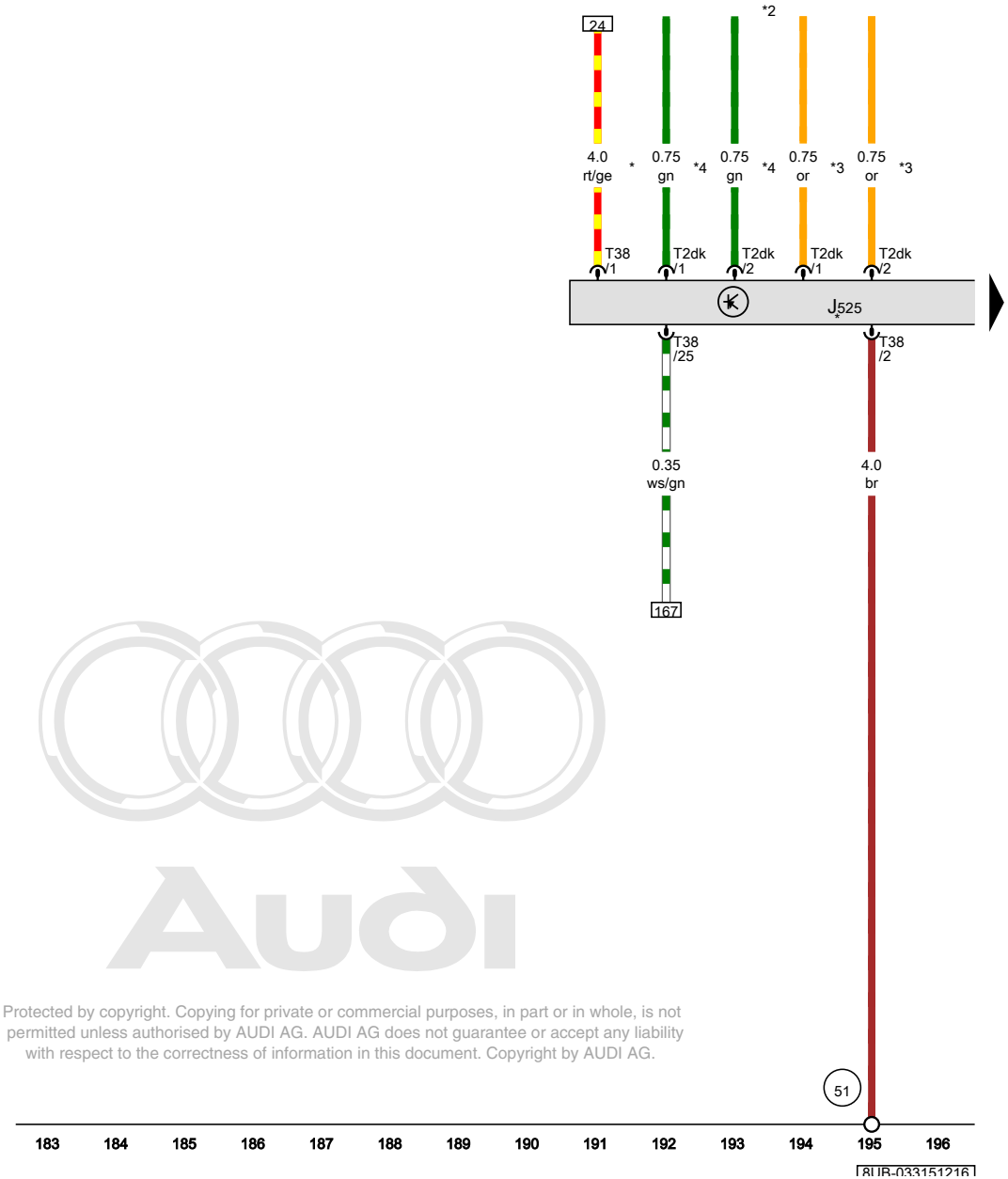
J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R74	Internal microphone
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R164	Microphone unit in front roof module
T2l	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T4ak	4-pin connector
T4bg	4-pin connector
T4f	4-pin connector
T12w	12-pin connector
T12x	12-pin connector
T26d	26-pin connector, black
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	Only models with emergency call module
*2	Only models with BOSE sound 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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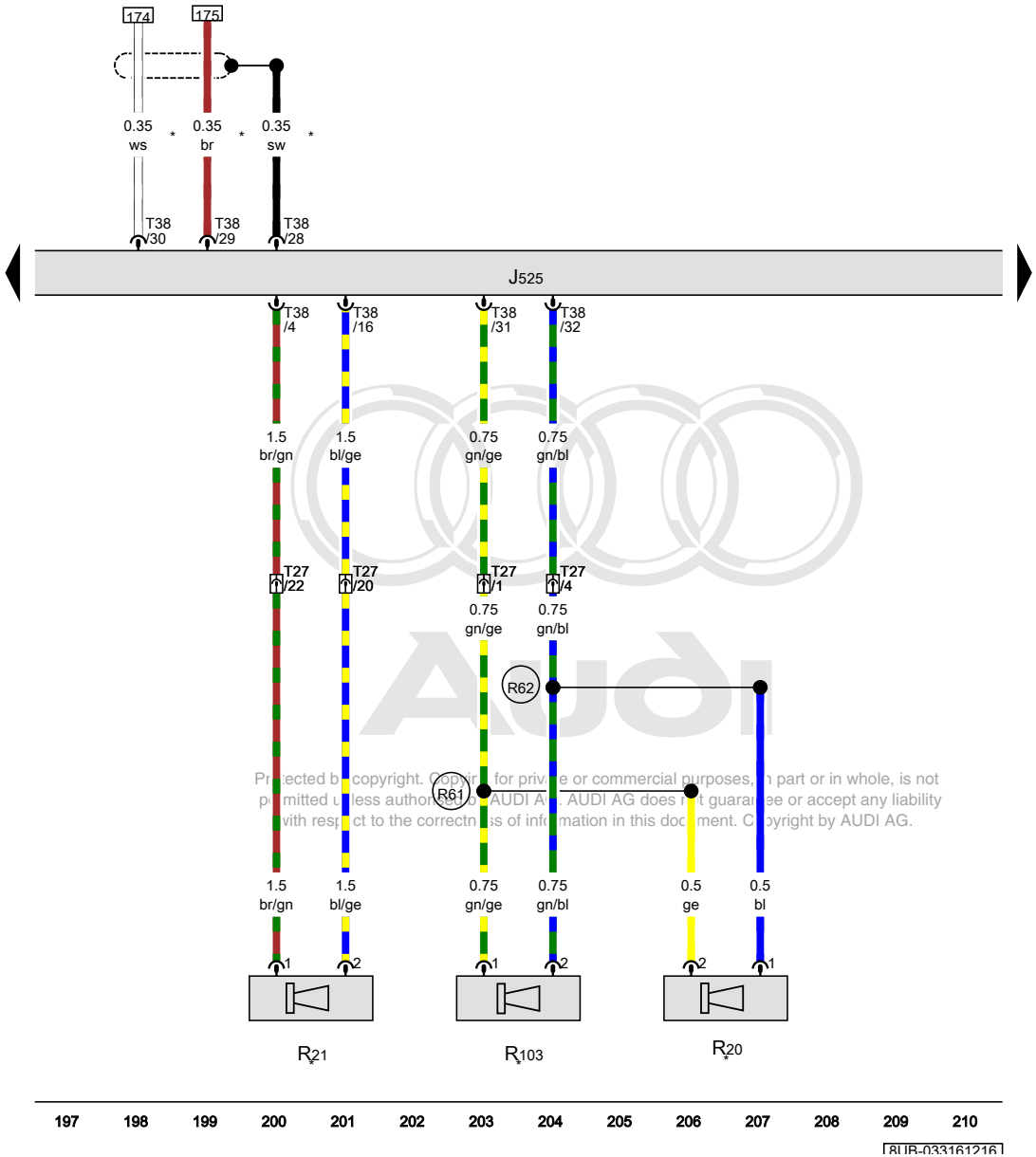
Digital sound package control unit

J525	Digital sound package control unit
T2dk	2-pin connector
T38	38-pin connector
51	Earth point, on right in luggage compartment
*	Only models with BOSE sound system
*2	see applicable current flow diagram for infotainment MOST bus
*3	Up to April 2014
*4	From May 2014



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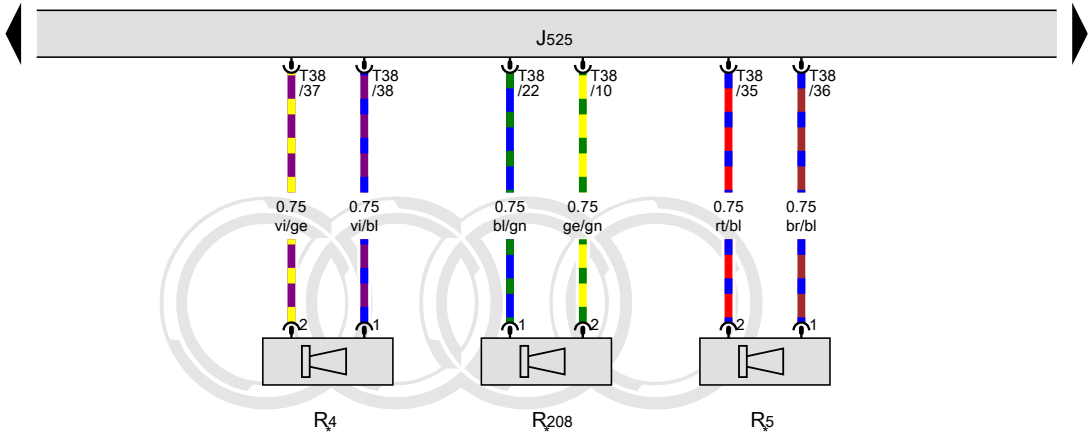
Digital sound package control unit, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
T27	27-pin connector, on left A-pillar
T38	38-pin connector
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
*	Only models with BOSE sound 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

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

J525	Digital sound package control unit
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R208	Centre loudspeaker
T38	38-pin connector
*	Only models with BOSE sound system



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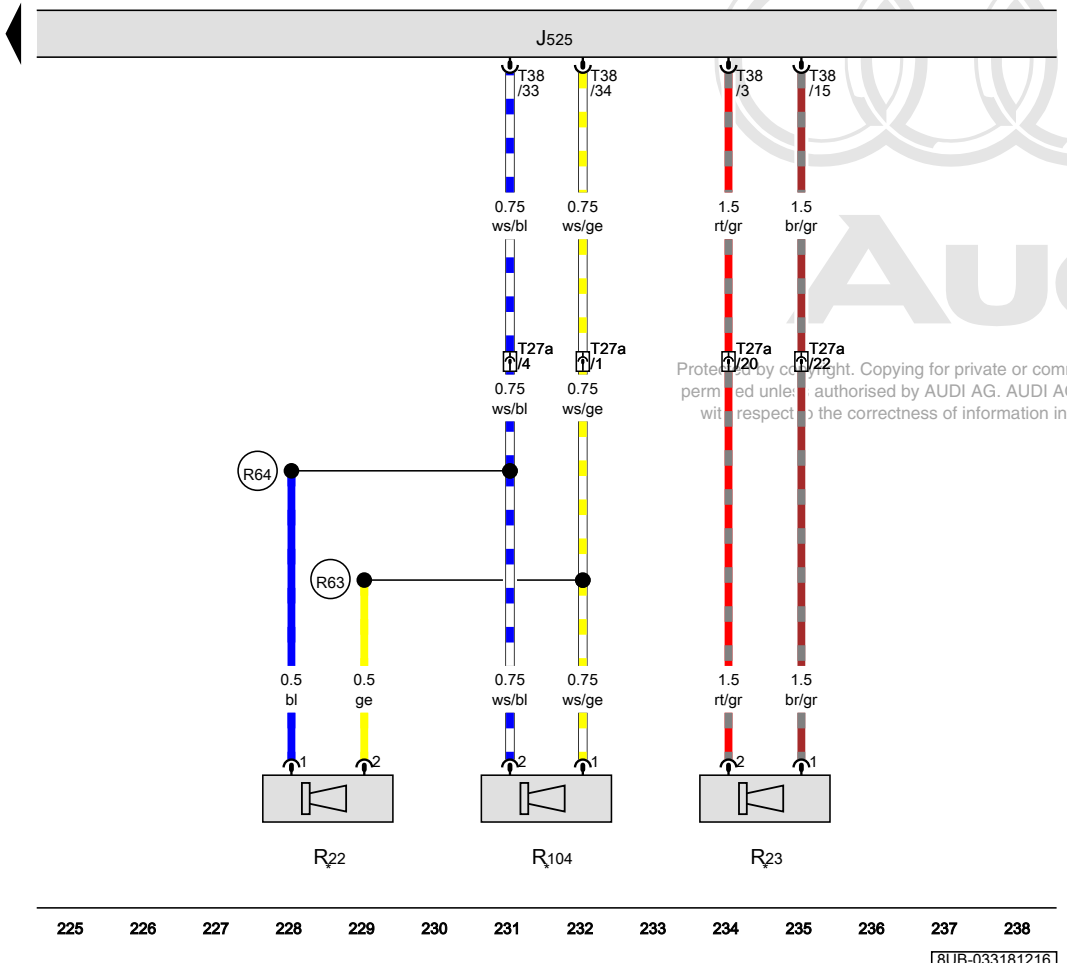
211 212 213 214 215 216 217 218 219 220 221 222 223 224

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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

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

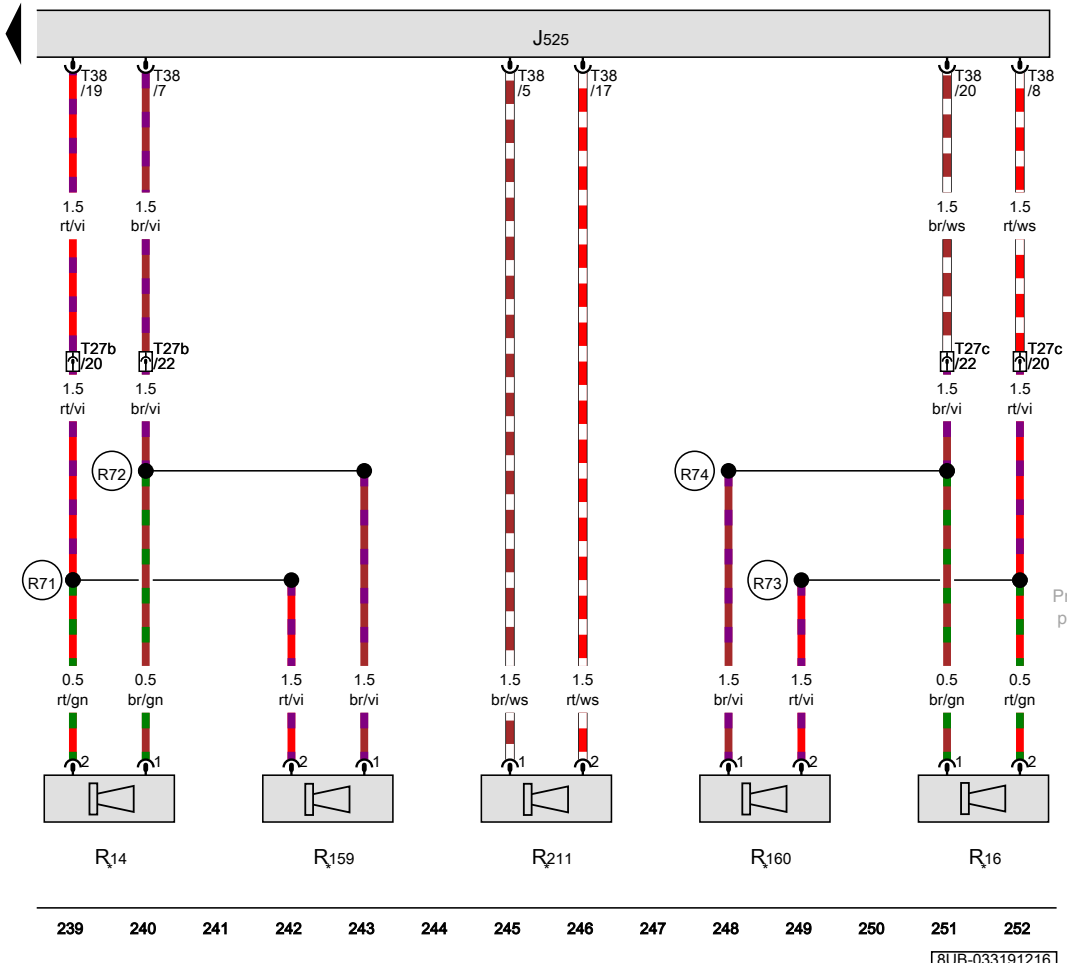
J525	Digital sound package control unit
R22	Front right treble loudspeaker
R23	Front right bass loudspeaker
R104	Front right mid-range loudspeaker
T27a	27-pin connector, on right A-pillar
T38	38-pin connector
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with BOSE sound system



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vi	=	purple
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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, Subwoofer



J525 Digital sound package control unit
R14 Rear left treble loudspeaker
R16 Rear right treble loudspeaker
R159 Rear left mid-range and bass loudspeaker
R160 Rear right mid-range and bass loudspeaker
R211 Subwoofer
T27b 27-pin connector, on left B-pillar
T27c 27-pin connector, on right B-pillar
T38 38-pin connector

R71 Connection (positive, loudspeaker)), in rear left door wiring harness

R72 Connection (negative, loudspeaker), in rear left door wiring harness

R73 Connection (positive, loudspeaker)), in rear right door wiring harness

R74 Connection (negative, loudspeaker), in rear right door wiring harness

* Only models with BOSE sound system

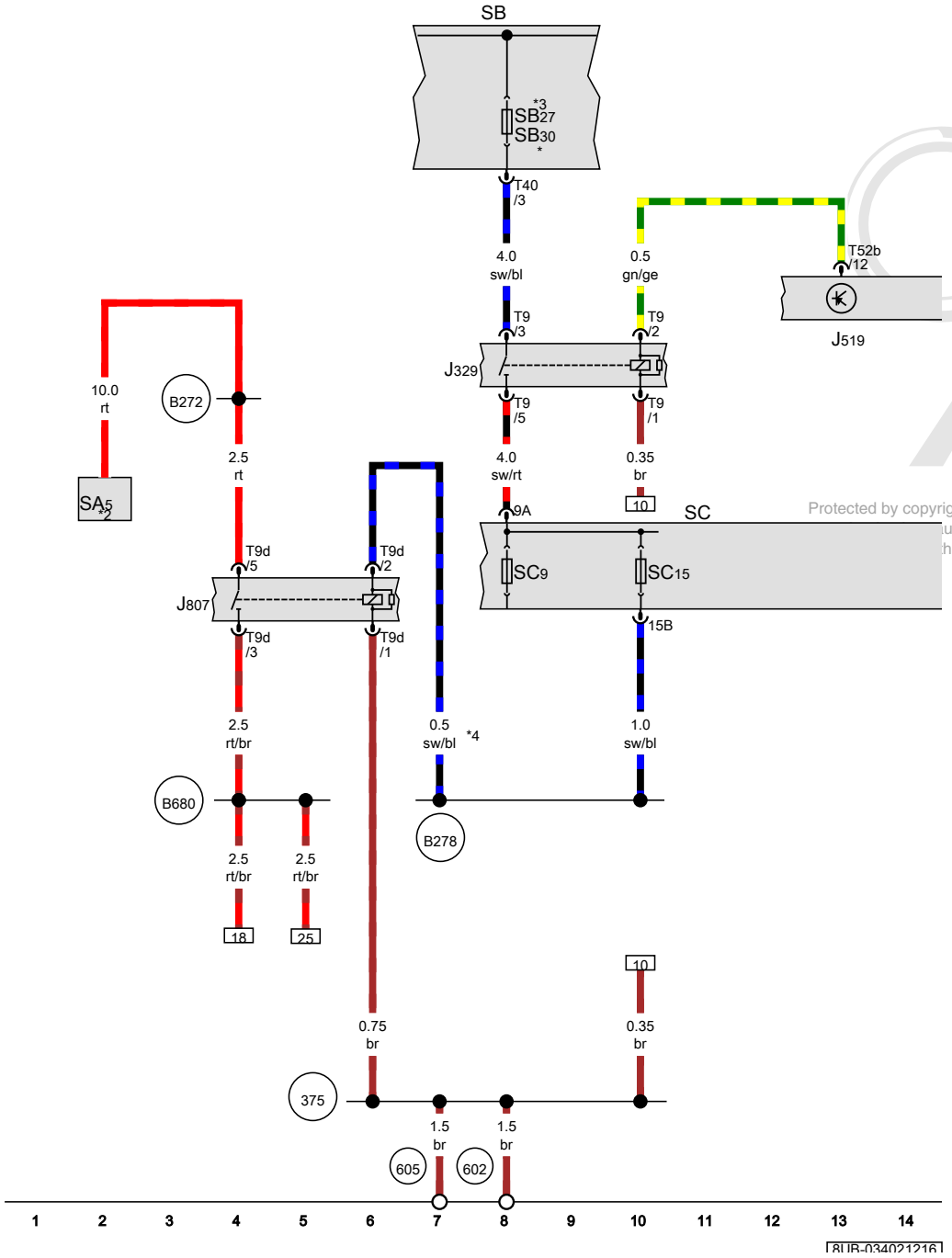
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vi = purple
ge = yellow
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rs = pink

Cigarette lighter and 12 V sockets

From August 2011

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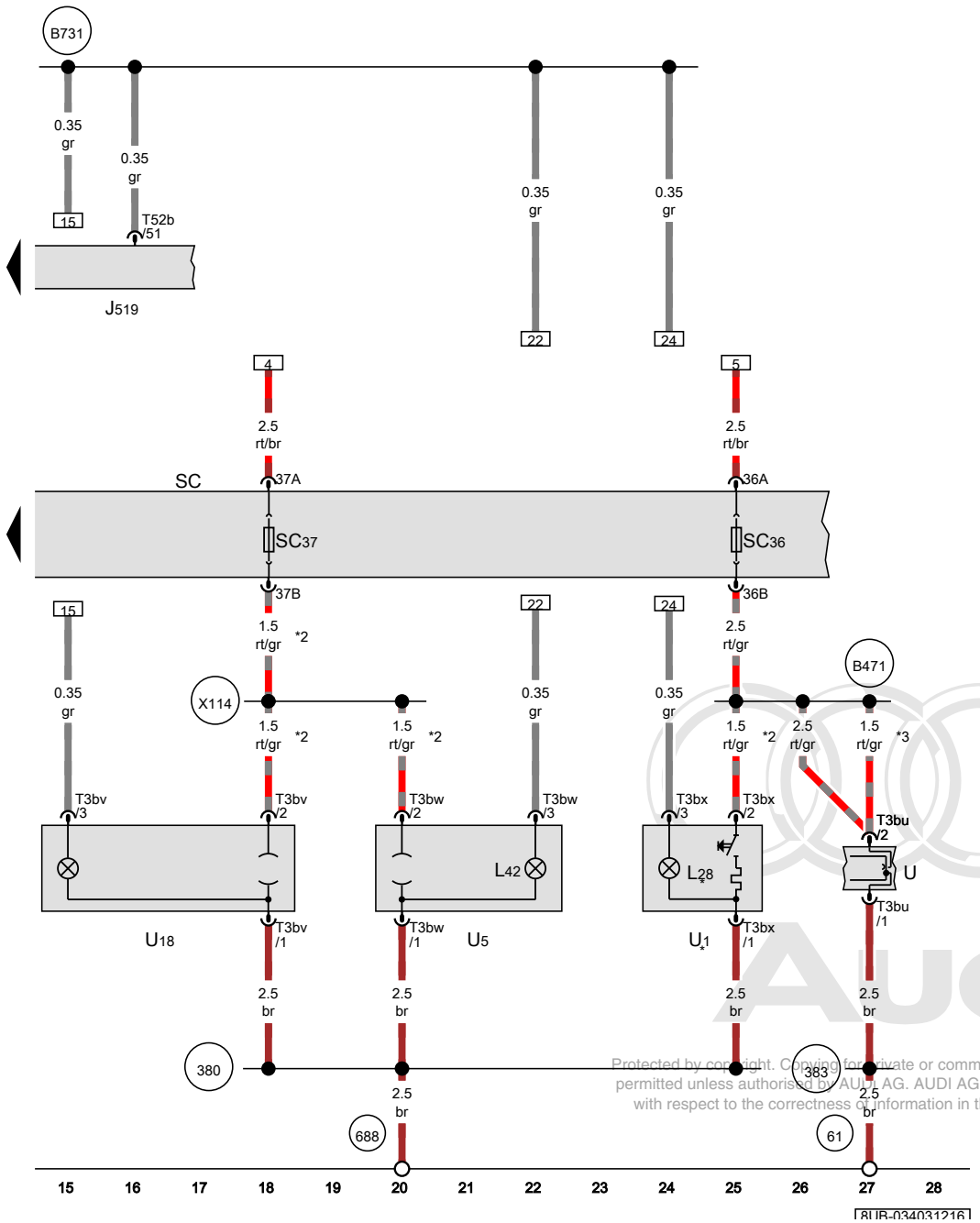


Terminal 15 voltage supply relay, Relay for power sockets

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J807	Relay for power sockets
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC15	Fuse 15 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
T9	9-pin connector
T9d	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B680	Connection (electric socket), in interior wiring harness
*	Up to October 2012
*2	see applicable current flow diagram for battery
*3	From November 2012
*4	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
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Electric socket, Cigarette lighter, 12 V socket, 12 V socket 2

J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
SC	Fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T3bu	3-pin connector, black
T3bv	3-pin connector, black
T3bw	3-pin connector, black
T3bx	3-pin connector, black
T52b	52-pin connector
U	Electric socket, on left in luggage compartment
U1	Cigarette lighter, in front centre console
U5	12 V socket, in front centre console
U18	12 V socket 2, in rear centre console
61	Earth point, left C-pillar
380	Earth connection 15, in main wiring harness
383	Earth connection 18, in main wiring harness
688	Earth point 2, on centre tunnel
B471	Connection 7, in main wiring harness
B731	Connection 1 (58s), in main wiring harness
X114	Connection (electrical socket), in optional equipment wiring harness
*	Only smoker version models
*2	Cross section depends on equipment
*3	According to equipment

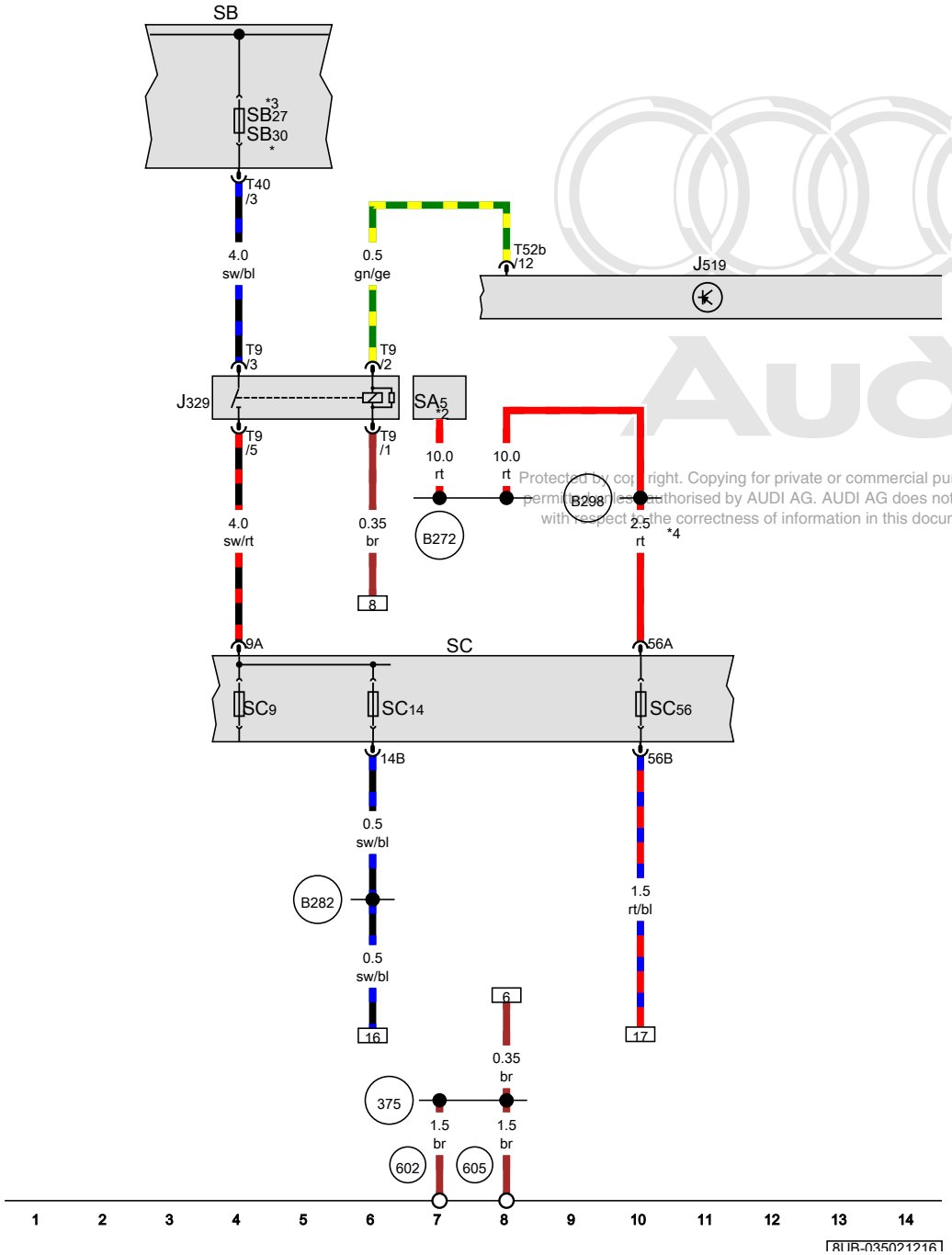
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Automatic adaptive suspension, adjustable dampers , (2H1),(2H6)

From August 2011

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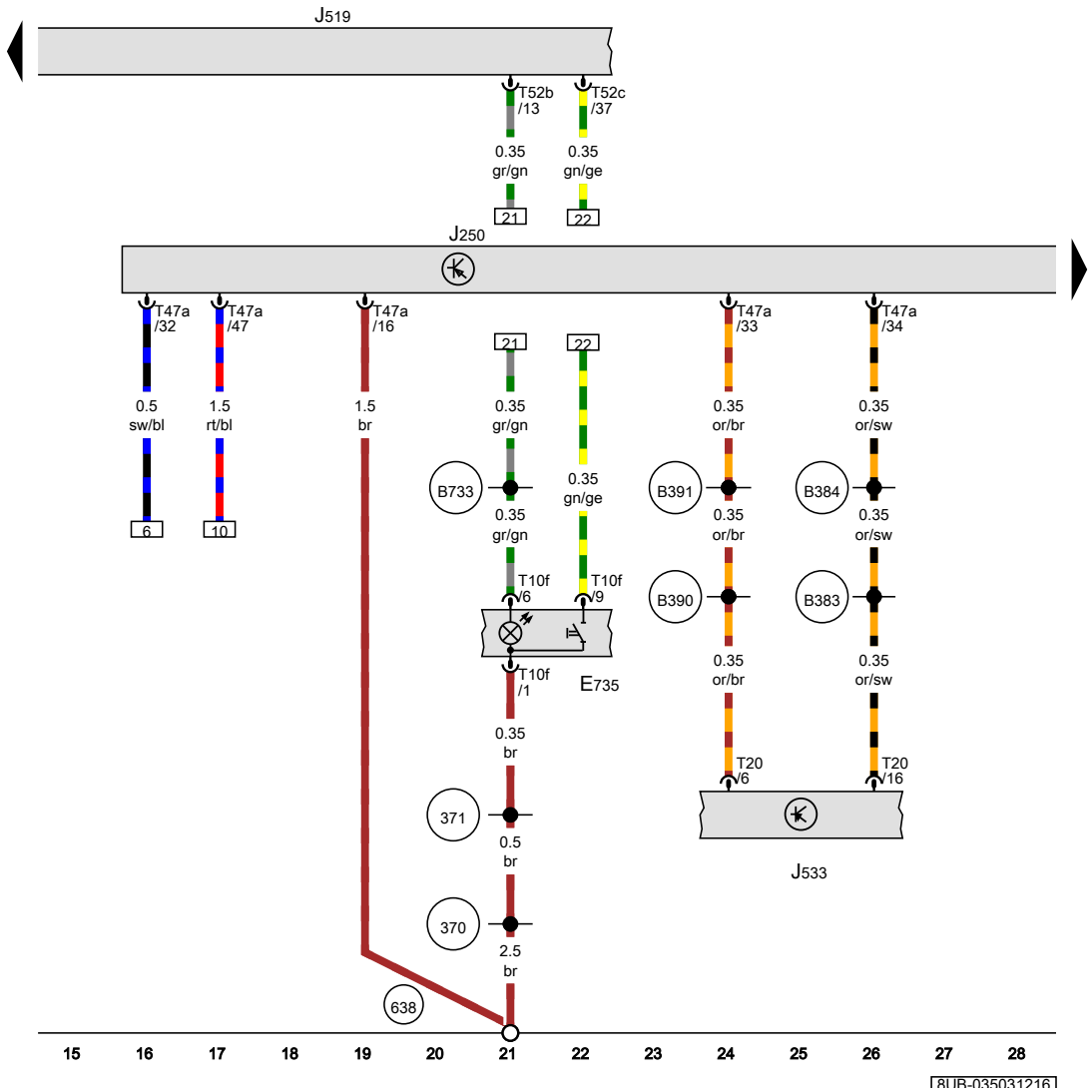


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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC56	Fuse 56 on fuse holder C
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	Up to October 2012
*2	see applicable current flow diagram for battery
*3	From November 2012
*4	Cross section depends on equipment

ws	=	white
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ro	=	red
rt	=	red
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Driving mode selection button, Electronically controlled damping control unit, Data bus diagnostic interface

E735	Driving mode selection button
J250	Electronically controlled damping control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T10f	10-pin connector
T20	20-pin connector
T47a	47-pin connector
T52b	52-pin connector
T52c	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, 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
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B733	Connection 3 (58s), in main wiring harness

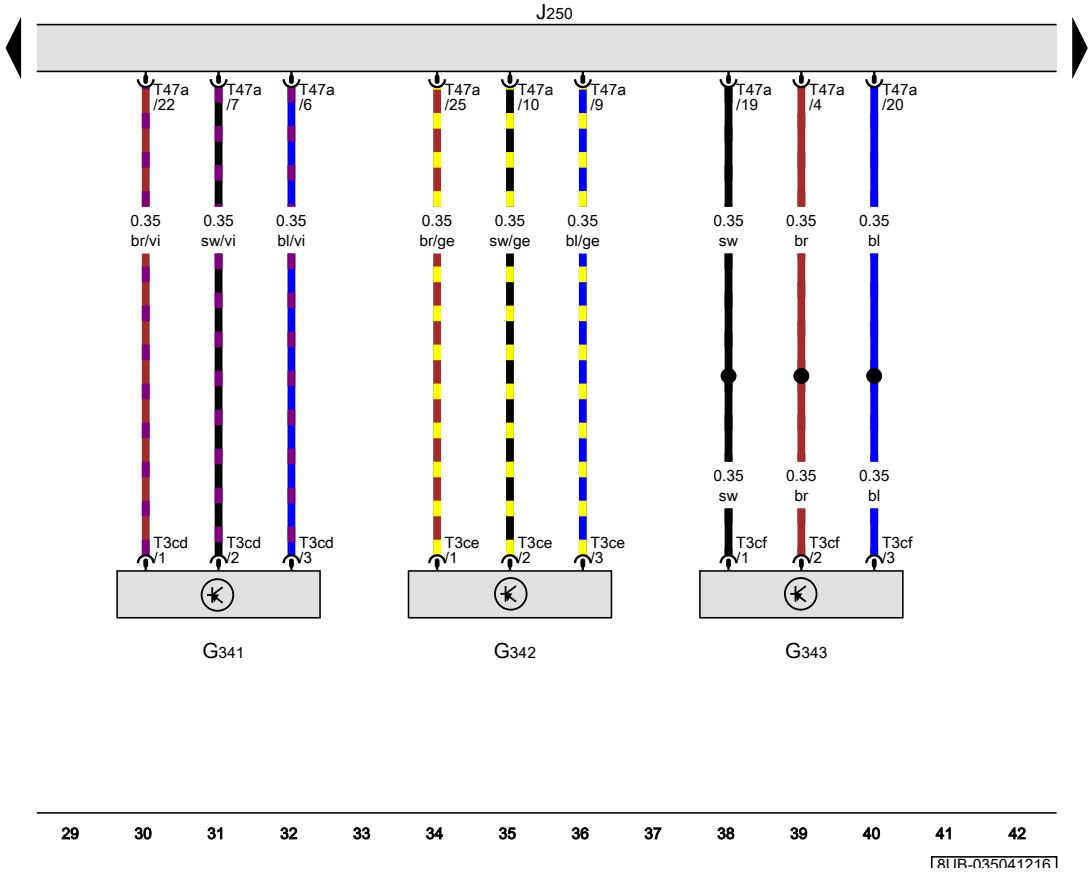
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Front left body acceleration sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit

G341	Front left body acceleration sender
G342	Front right body acceleration sender
G343	Rear body acceleration sender
J250	Electronically controlled damping control unit
T3cd	3-pin connector
T3ce	3-pin connector
T3cf	3-pin connector
T47a	47-pin connector

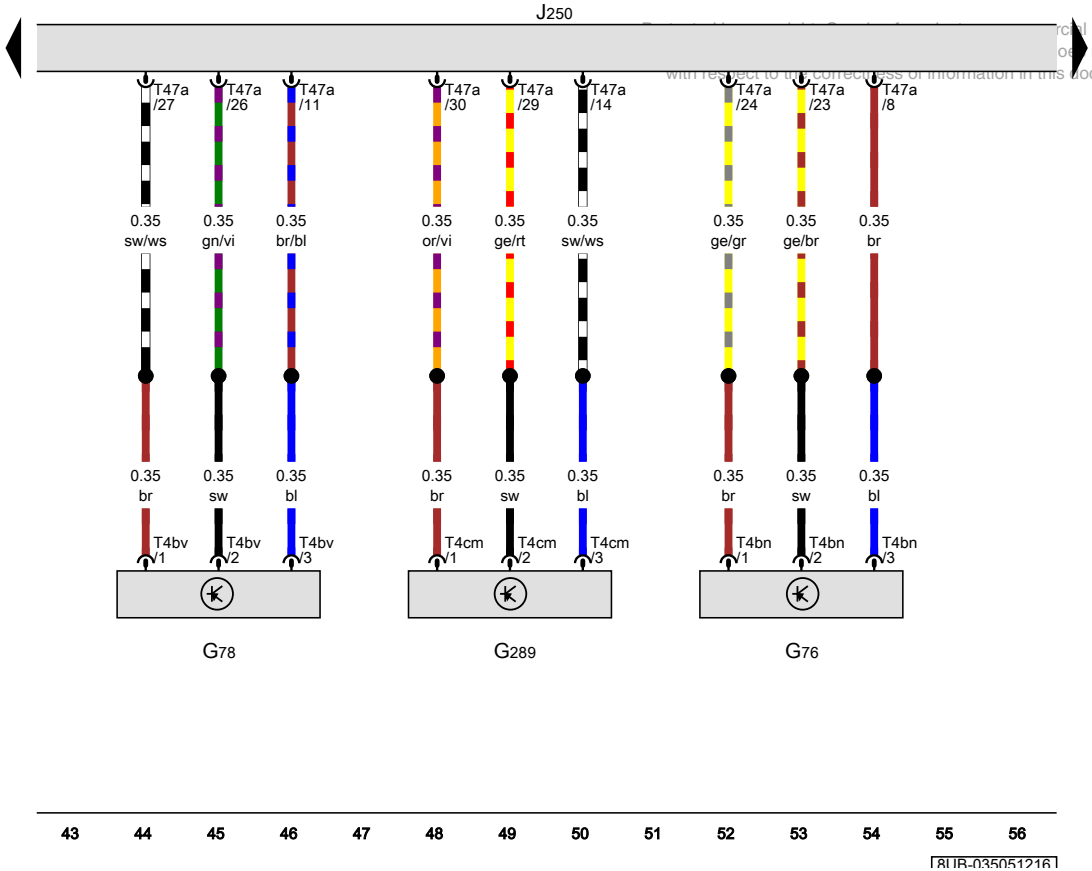


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rs	=	pink

Rear left vehicle level sender, Front left vehicle level sender, Front right vehicle level sender, Electronically controlled damping control unit

G76	Rear left vehicle level sender
G78	Front left vehicle level sender
G289	Front right vehicle level sender
J250	Electronically controlled damping control unit
T4bn	4-pin connector
T4bv	4-pin connector
T4cm	4-pin connector
T47a	47-pin connector

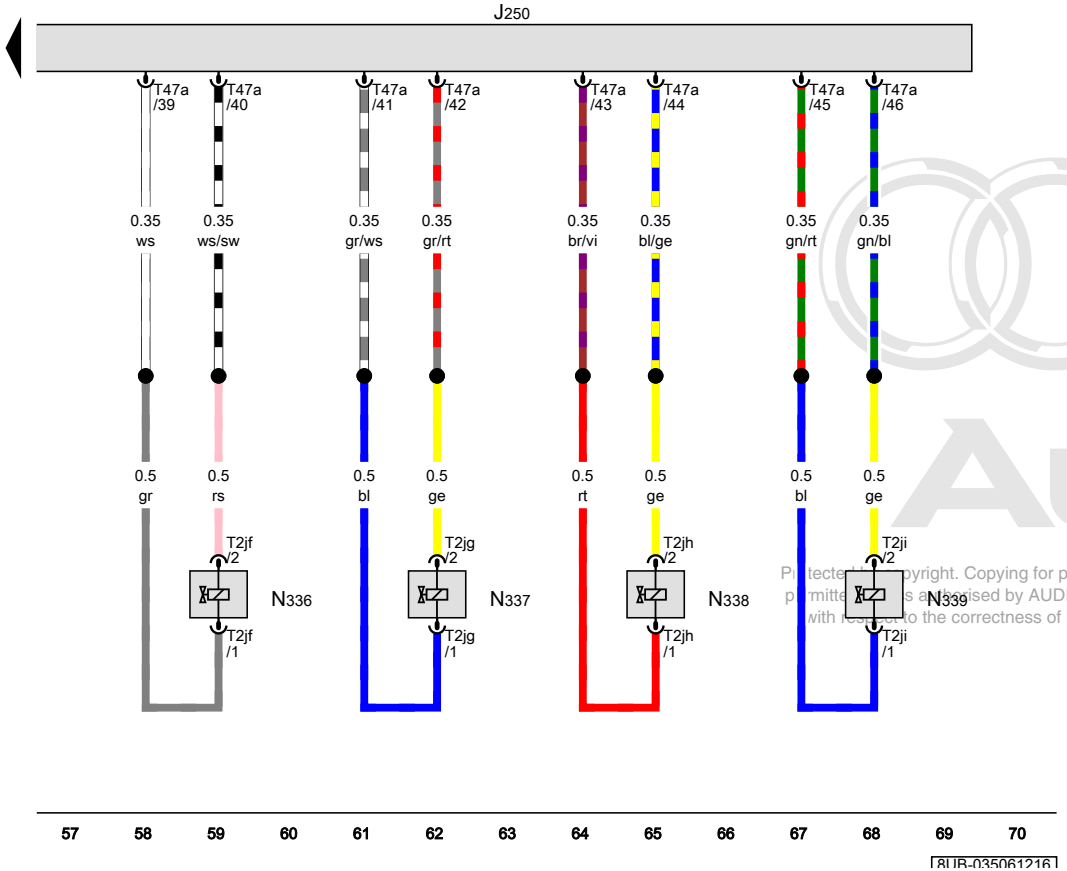
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or	=	orange
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Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping 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
T2jf	2-pin connector
T2jg	2-pin connector
T2jh	2-pin connector
T2ji	2-pin connector
T47a	47-pin connector



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vi = purple
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rs = pink

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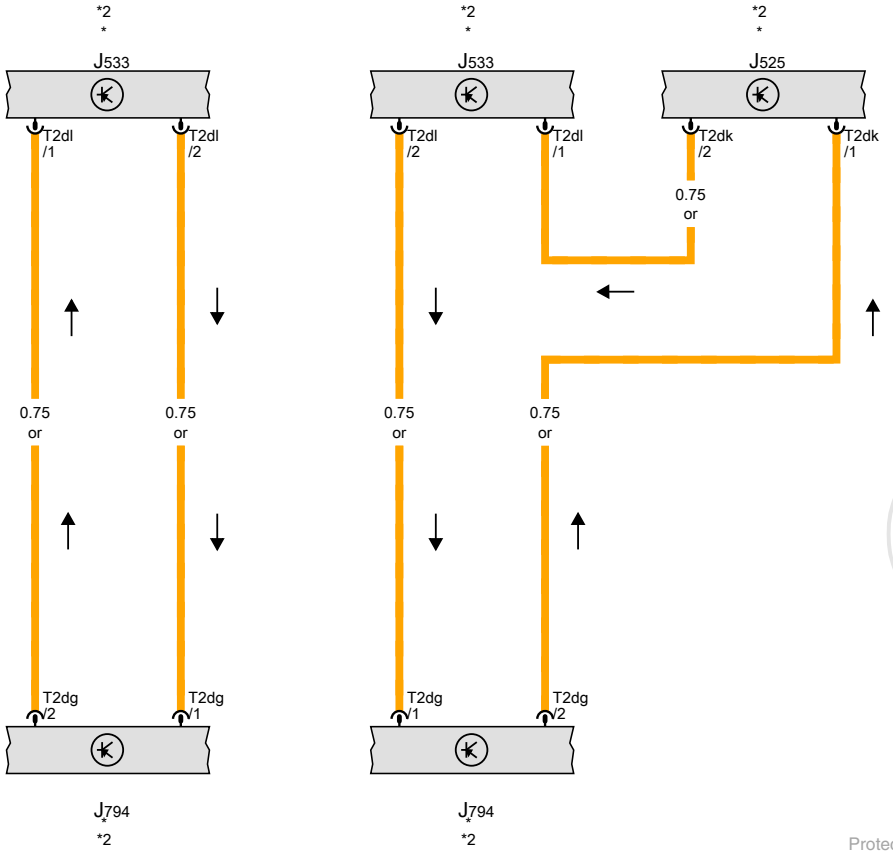
Infotainment MOST bus

From August 2011

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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
T2dg	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
*	Only models with radio concert
*2	According to equipment



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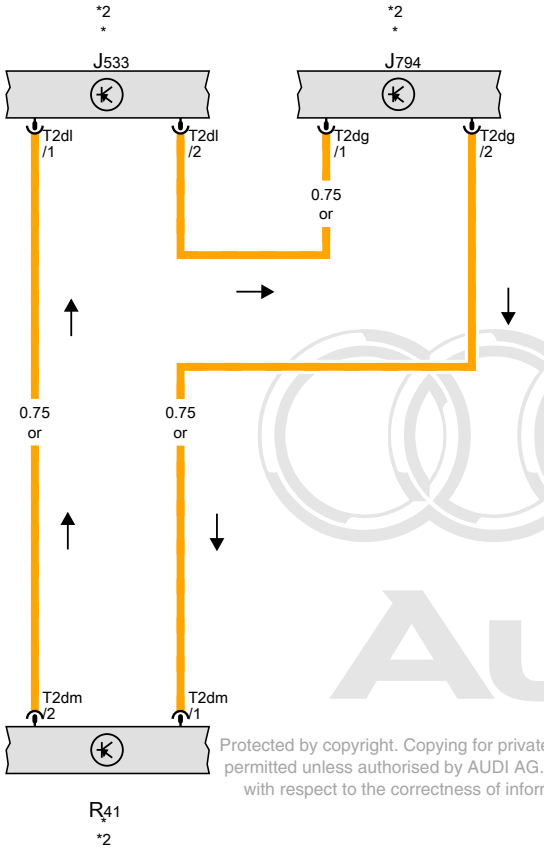
1 2 3 4 5 6 7 8 9 10 11 12 13 14

84B-0360210141

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Data bus diagnostic interface, Control unit 1 for information electronics, CD changer

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T2dg	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	Only models with radio concert
*2	According to equipment



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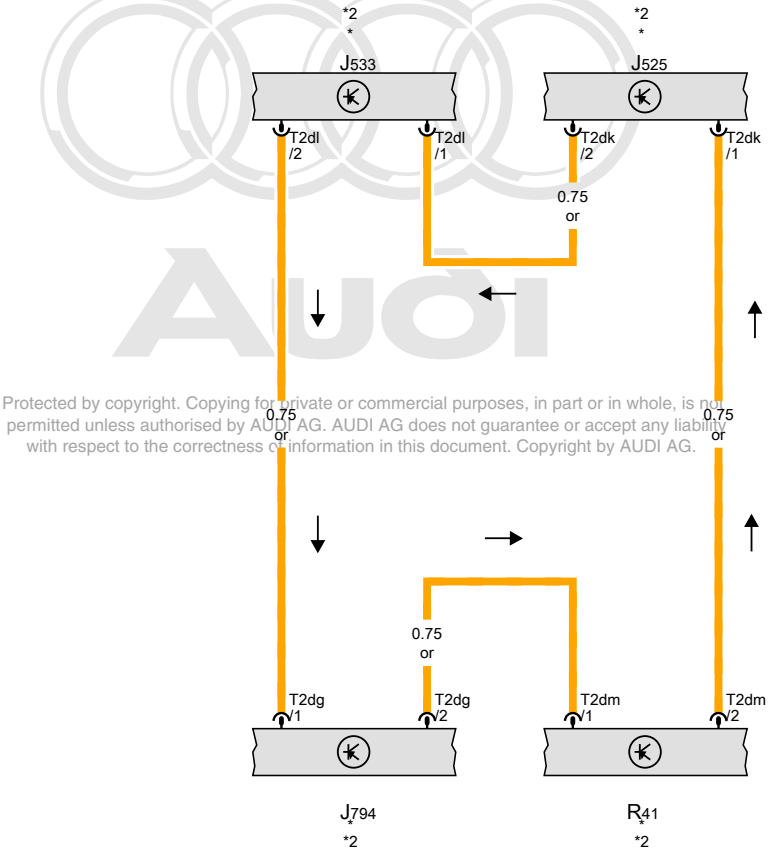
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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, CD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T2dg	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	Only models with radio concert
*2	According to equipment



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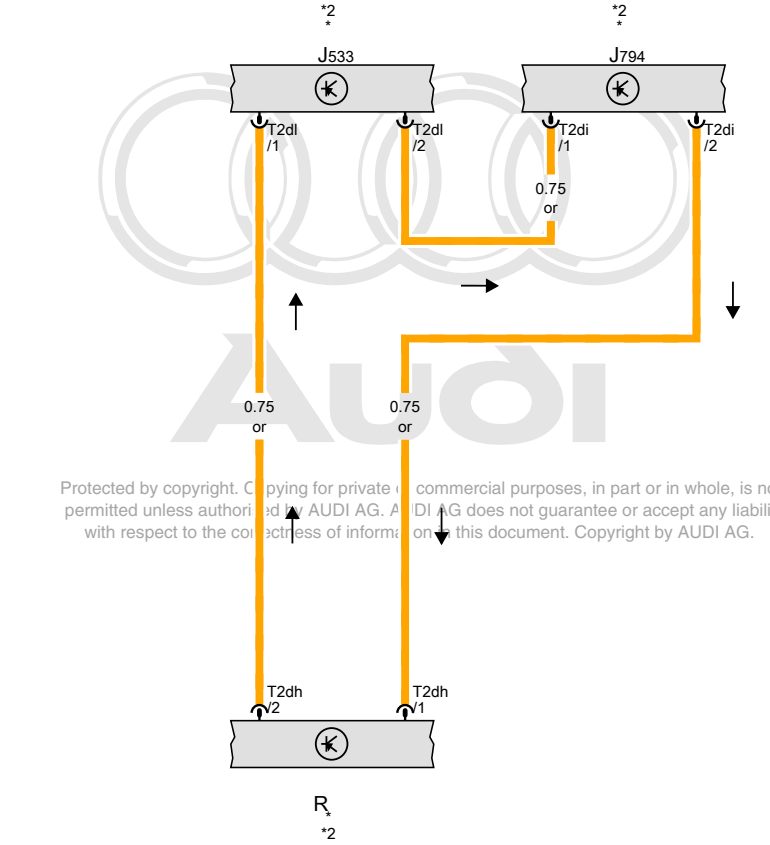
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Data bus diagnostic interface, Control unit 1 for information electronics, Radio

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
*	According to equipment
*2	Only models with MMI



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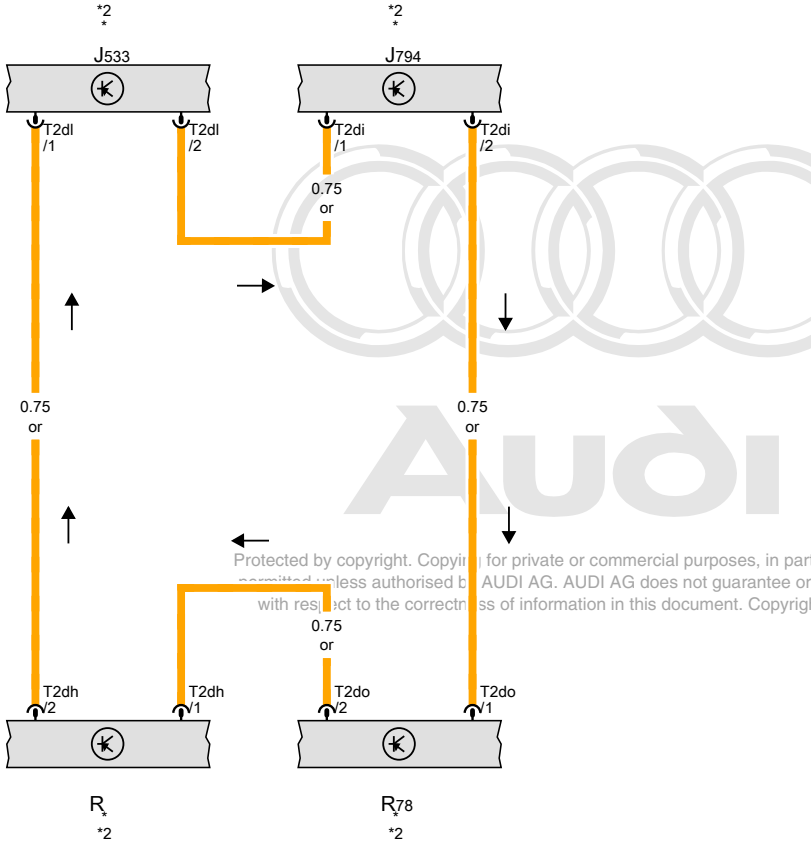
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Data bus diagnostic interface, Control unit 1 for information electronics, Radio, TV tuner

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI



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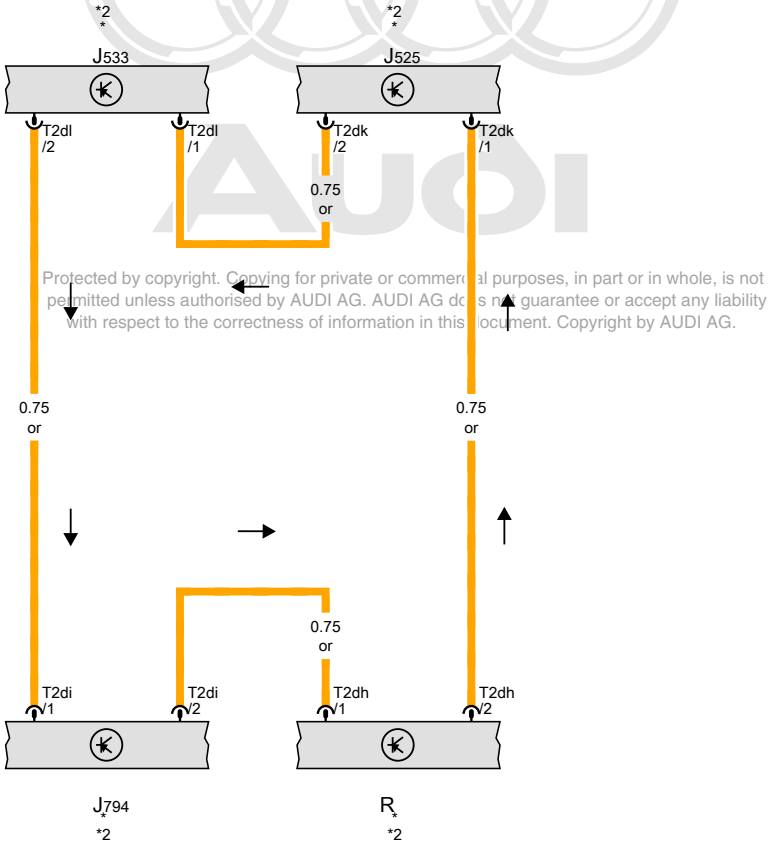
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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
*	According to equipment
*2	Only models with MMI



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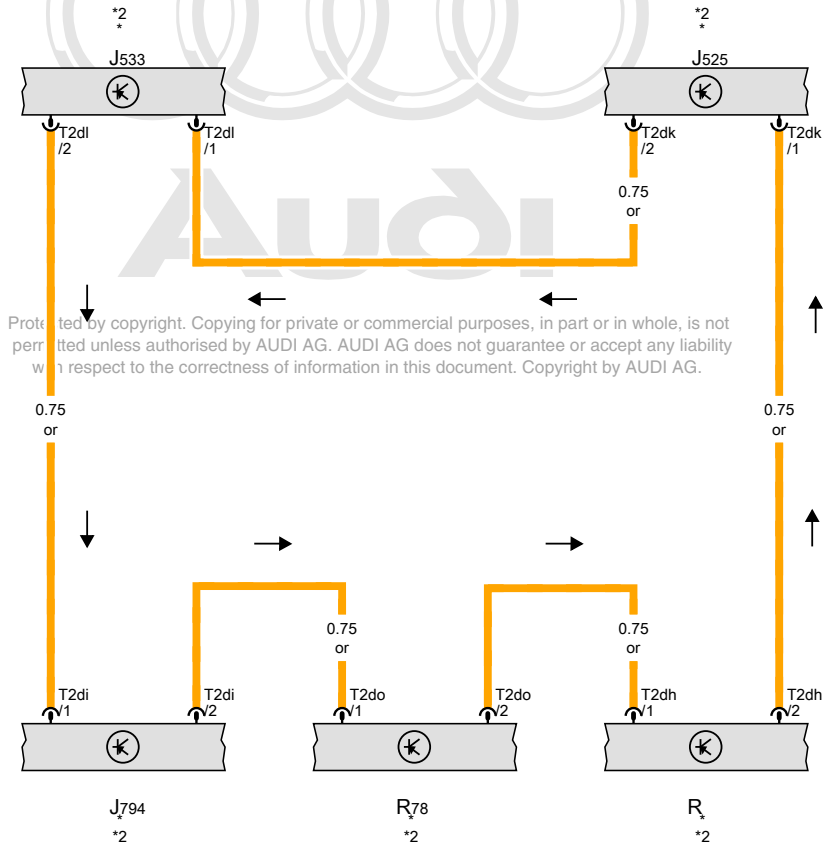
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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, TV tuner

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI



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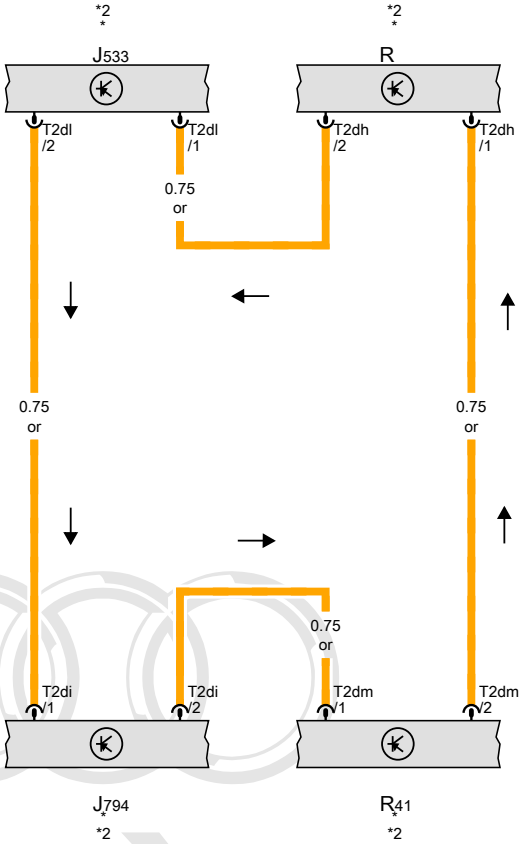
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Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	According to equipment
*2	Only models with MMI



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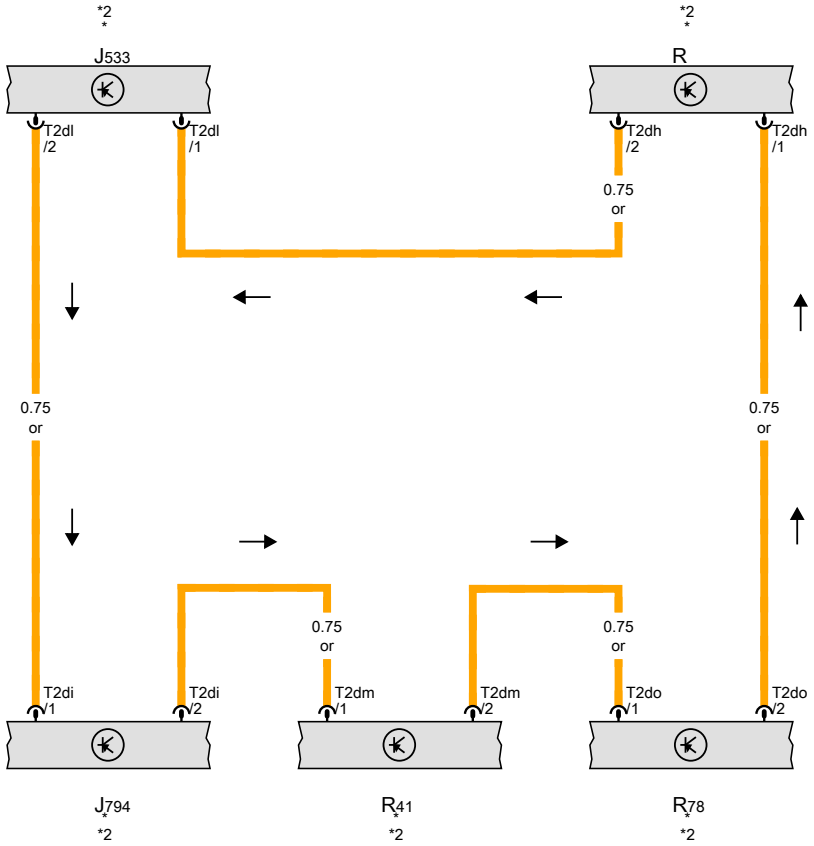
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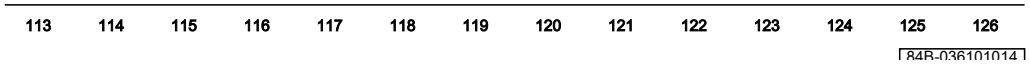
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Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI



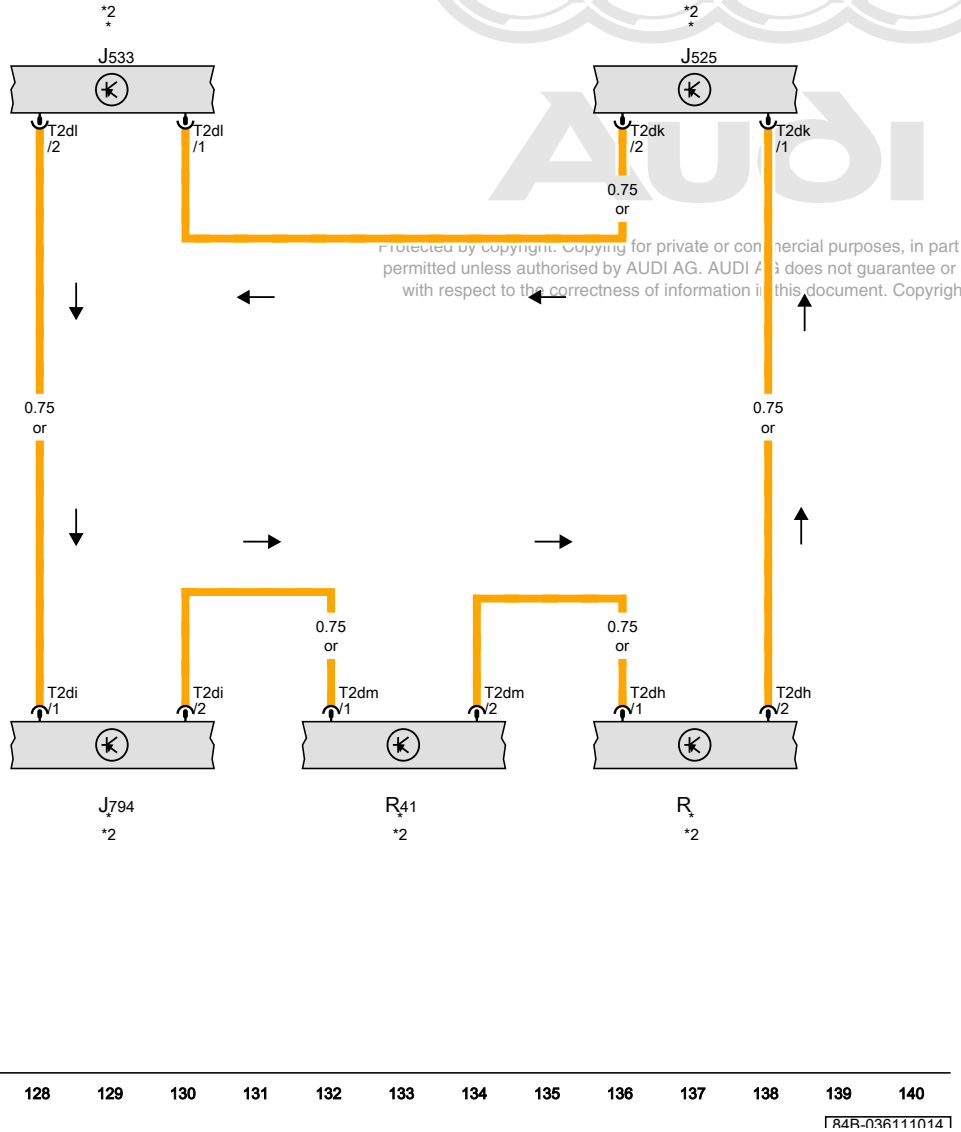


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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	According to equipment
*2	Only models with MMI

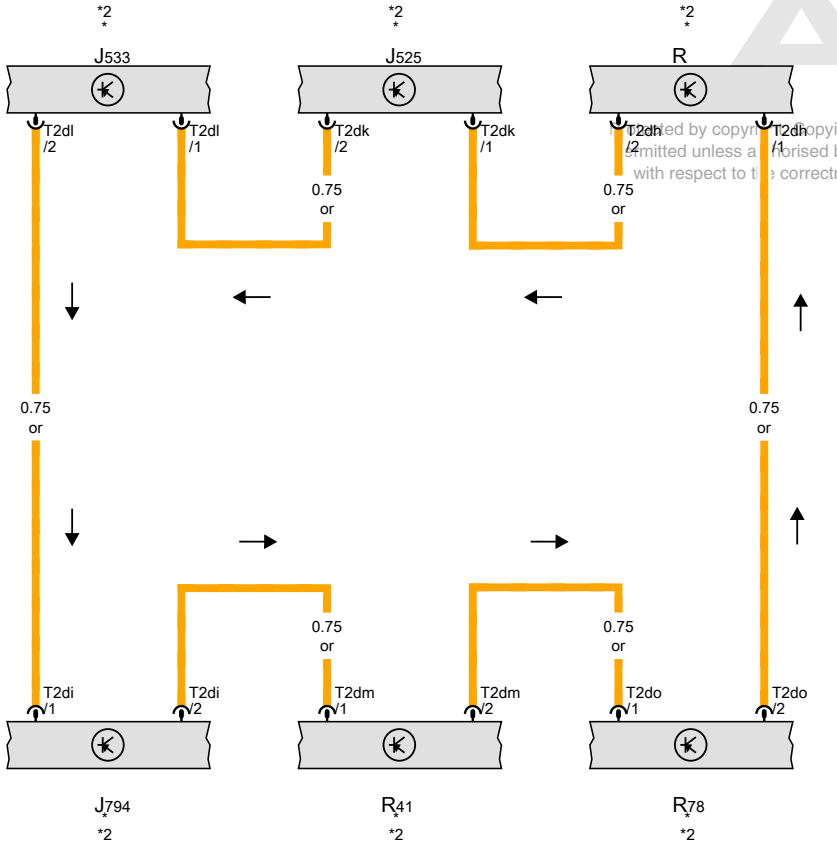


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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner

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
T2dh	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	Only models with MMI



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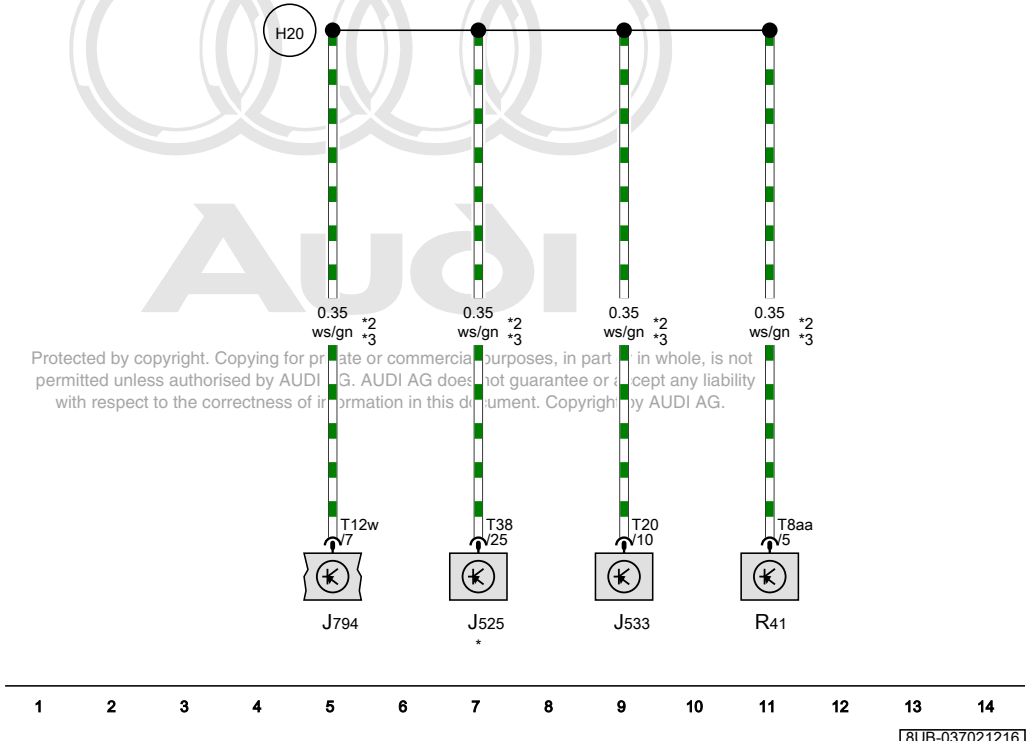
Ring break diagnosis

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Digital sound package control unit, Data bus diagnostic interface, CD changer, Connection 1, in diagnosis wiring harness

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T8aa	8-pin connector
T12w	12-pin connector
T20	20-pin connector
T38	38-pin connector
H20	Connection 1, in diagnosis wiring harness
*	Only models with BOSE sound system
*2	Only models with radio concert
*3	see applicable current flow diagram

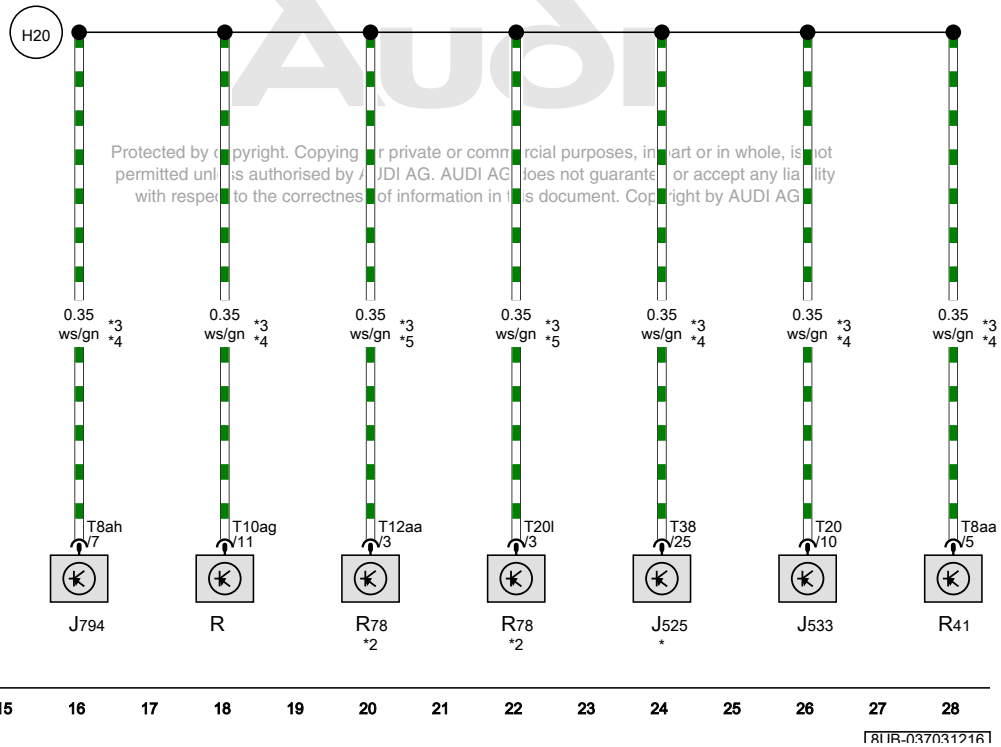


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rs	=	pink

Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner, Connection 1, in diagnosis wiring harness

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
T8aa	8-pin connector
T8ah	8-pin connector
T10ag	10-pin connector
T12aa	12-pin connector
T20	20-pin connector
T20l	20-pin connector
T38	38-pin connector
H20	Connection 1, in diagnosis wiring harness
*	Only models with BOSE sound system
*2	According to equipment
*3	Only models with MMI
*4	see applicable current flow diagram
*5	see applicable current flow diagram for TV tuner



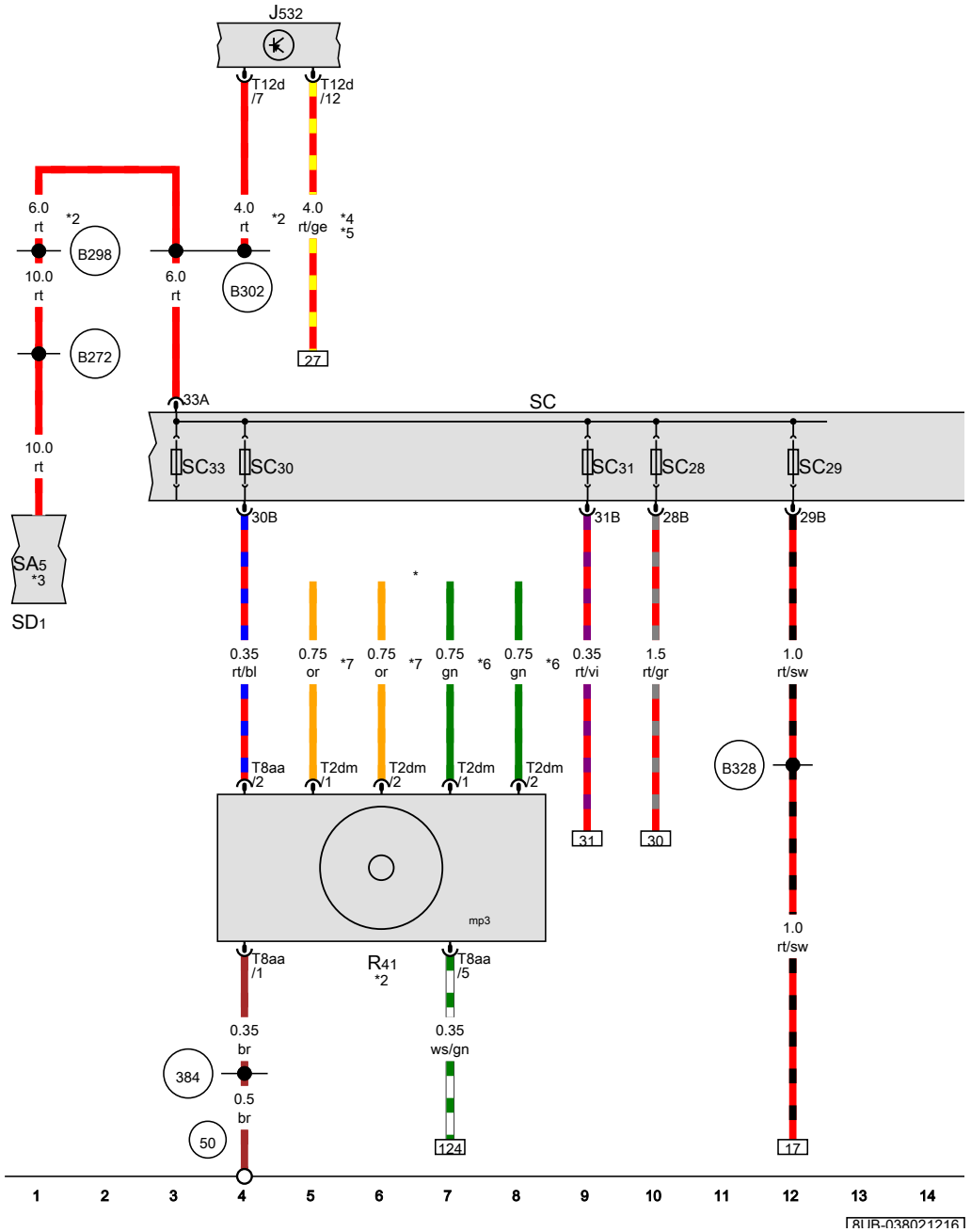
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MMI navigation plus , (8DY),(8DZ),(I6H),(8AJ),(8UV),(8YF),(8YQ),(L0L)

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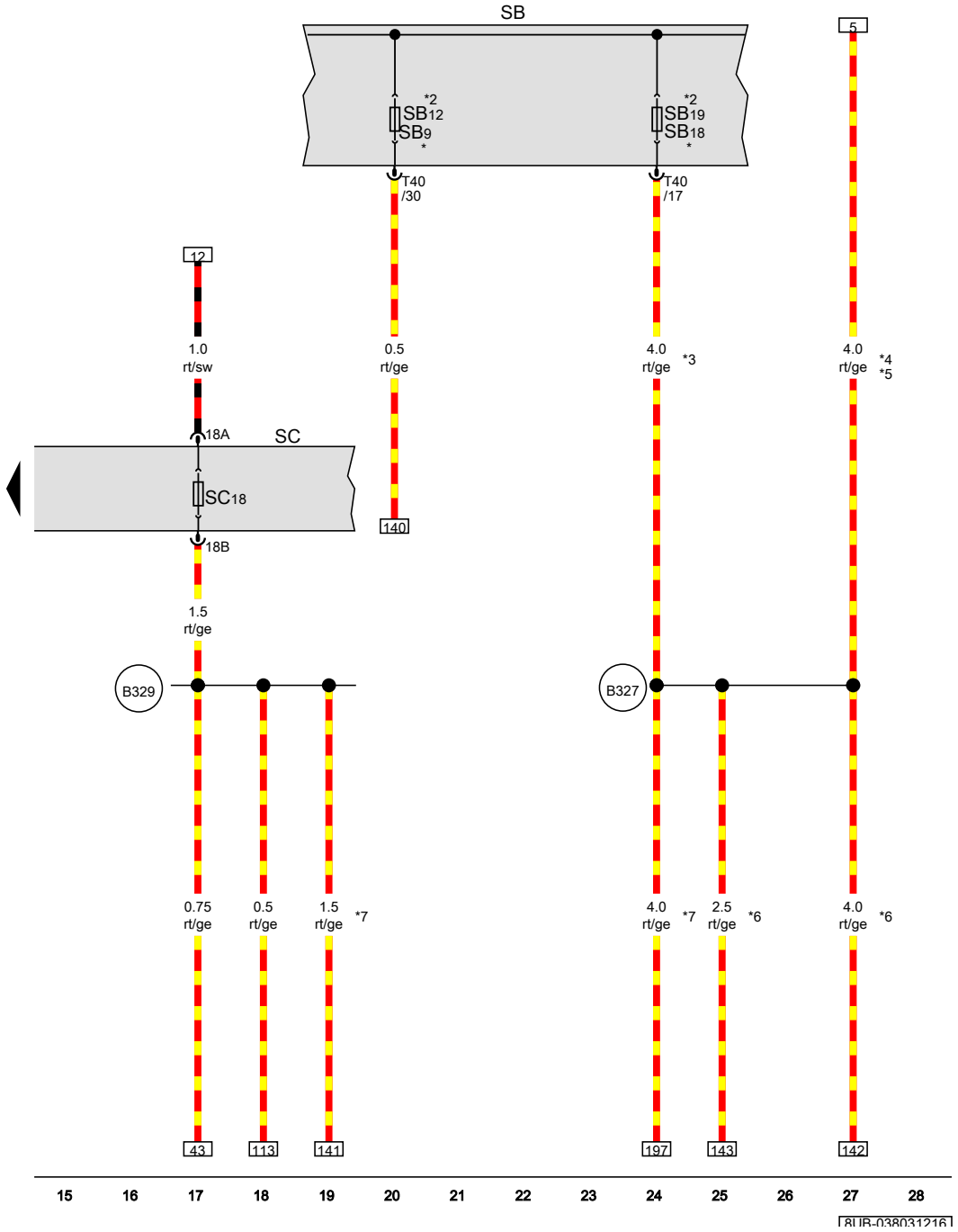


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vi = purple
ge = yellow
or = orange
rs = pink

CD changer, Fuse holder C

J532	Voltage stabiliser
R41	CD changer
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2dm	2-pin connector, black
T8aa	8-pin connector, black
T12d	12-pin connector, black
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	see applicable current flow diagram for infotainment MOST bus
*2	According to equipment
*3	see applicable current flow diagram for battery
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	From May 2014
*7	Up to April 2014

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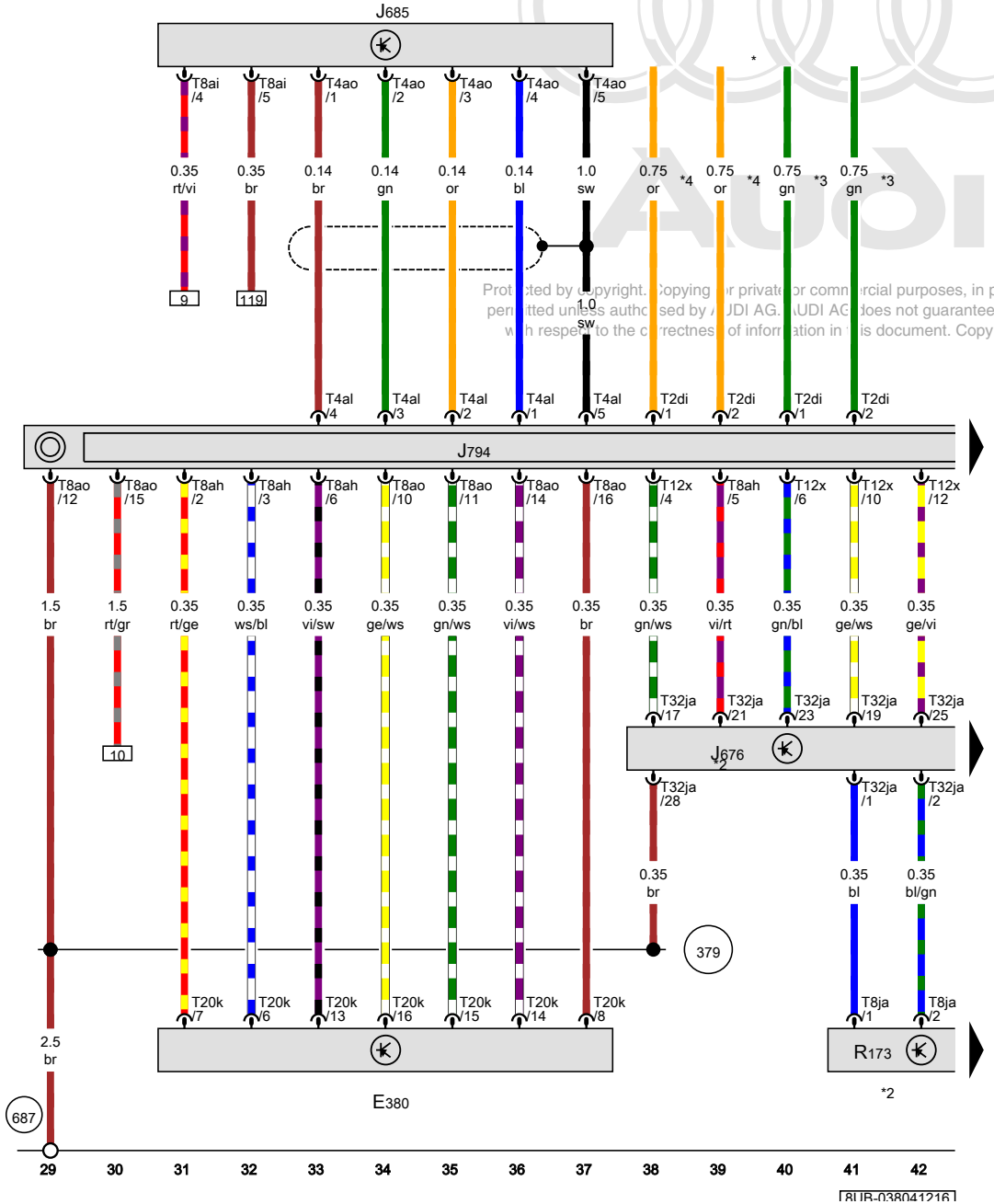
Fuse holder C

SB	Fuse holder B
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
T40	40-pin connector, black
B327	Positive connection 13 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness

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*	Up to October 2012
*2	From November 2012
*3	Only models with no start/stop system
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	According to equipment
*7	Only models with BOSE sound 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



ws = white
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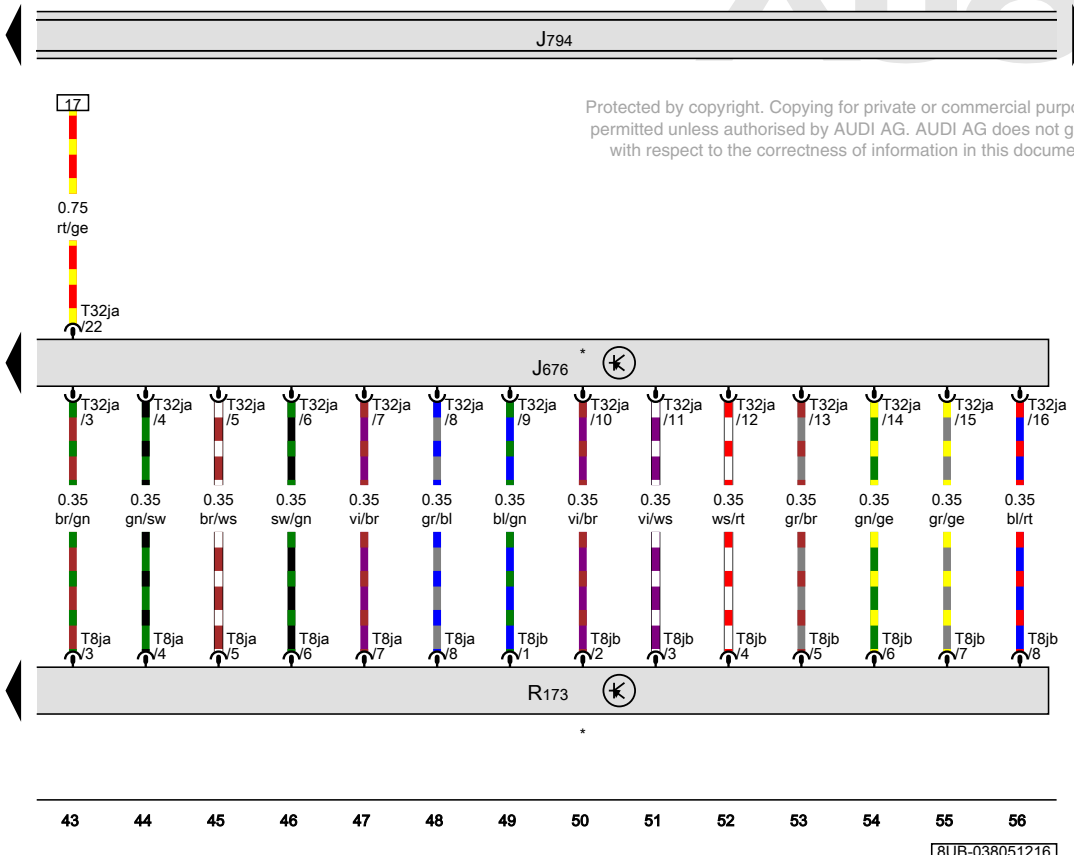
Control unit 1 for information electronics

E380	Multimedia system operating unit
J676	Chip card reader control unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T2di	2-pin connector, black
T4al	4-pin connector, grey, blue
T4ao	4-pin connector, black
T8ah	8-pin connector, brown
T8ai	8-pin connector, black
T8ao	8-pin connector, black
T8ja	8-pin connector, black
T12x	12-pin connector, blue
T20k	20-pin connector, black
T32ja	32-pin connector, black
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
*	see applicable current flow diagram for infotainment MOST bus
*2	Only models with equipment for Japan
*3	From May 2014
*4	Up to April 2014

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Control unit 1 for information electronics

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T8ja	8-pin connector, black
T8jb	8-pin connector, black
T32ja	32-pin connector, black
*	Only models with equipment for Japan

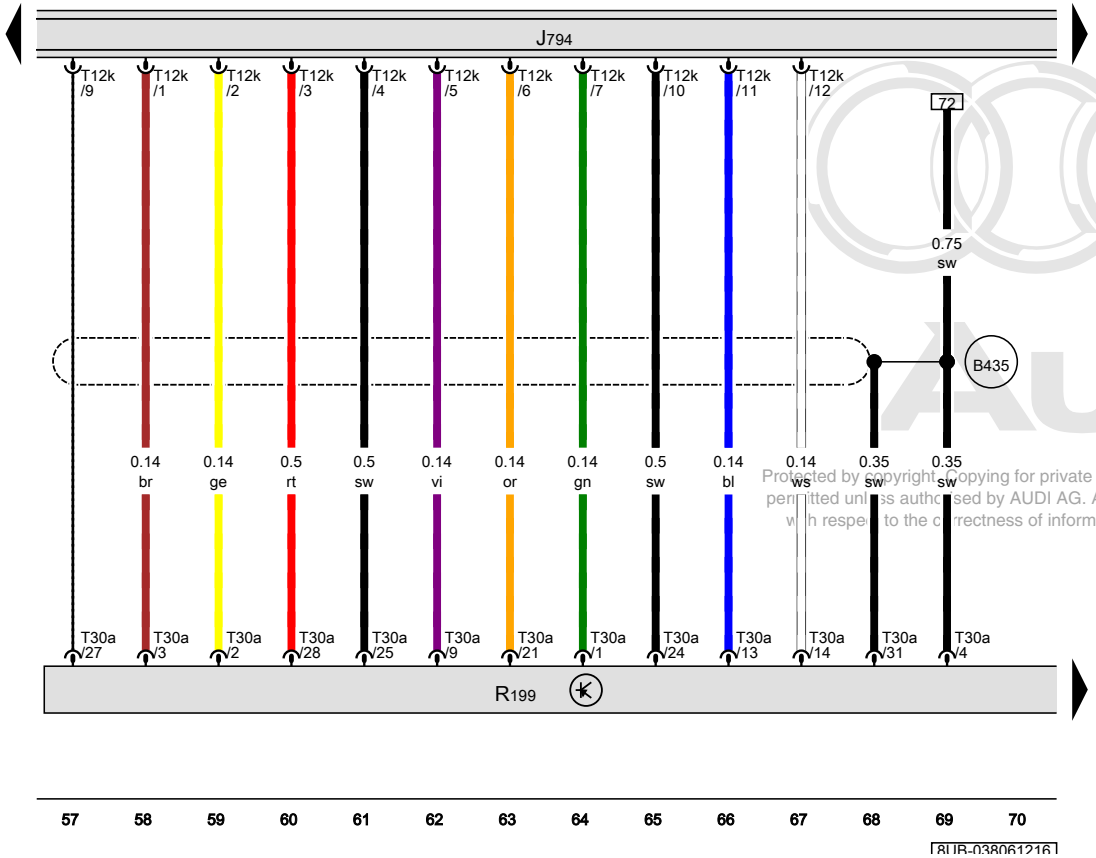


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Control unit 1 for information electronics

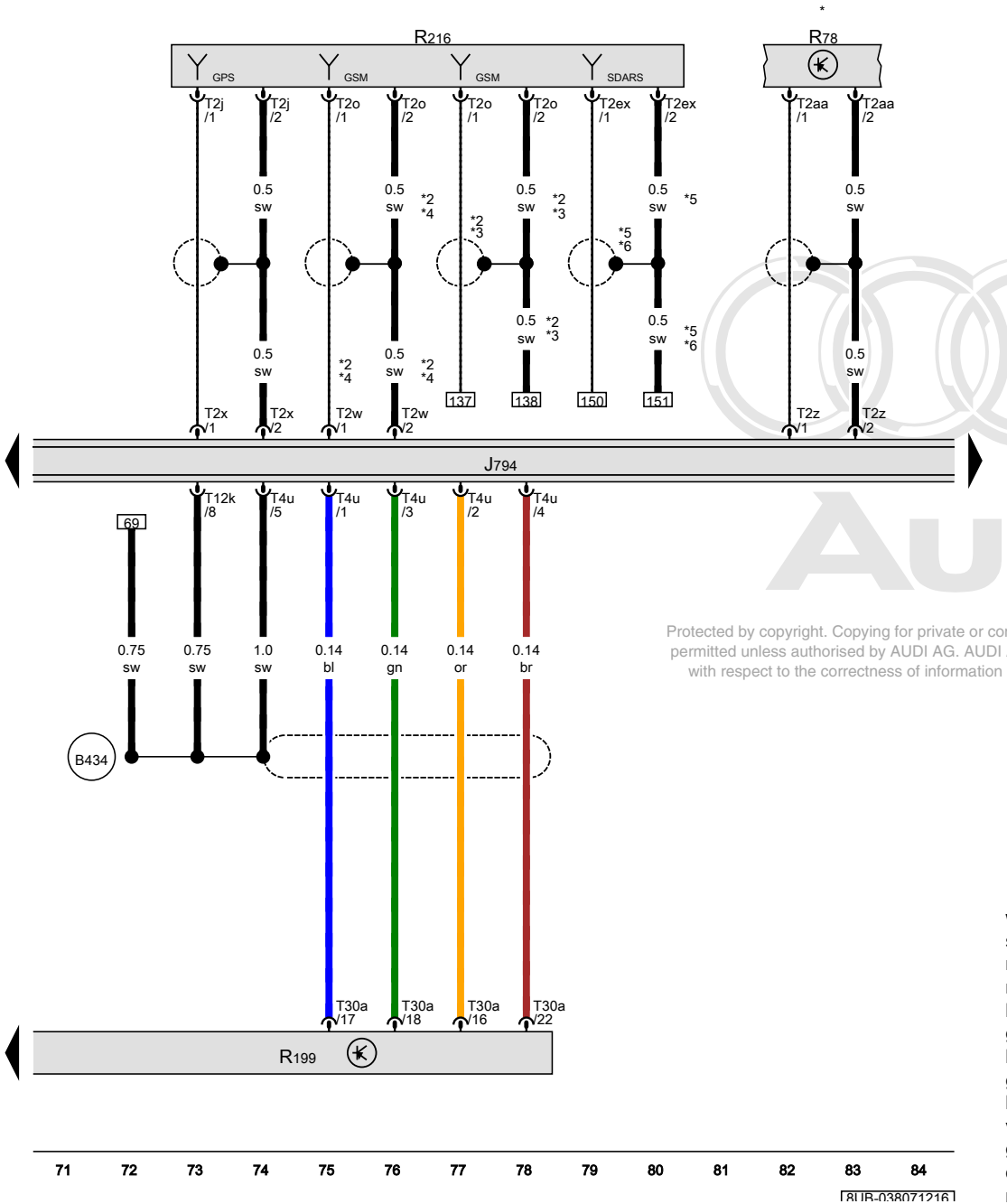
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12k	12-pin connector, green
T30a	30-pin connector, black
B435	Connection 2 (screen), in main wiring harness



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or	=	orange
rs	=	pink

Control unit 1 for information electronics, Roof aerial



J794	Control unit 1 for information electronics
R78	TV tuner
R199	Connection for external audio sources
R216	Roof aerial
T2aa	2-pin connector, green
T2ex	2-pin connector, green
T2j	2-pin connector, blue
T2o	2-pin connector, purple
T2w	2-pin connector, purple
T2x	2-pin connector, blue
T2z	2-pin connector, green
T4u	4-pin connector, yellow
T12k	12-pin connector, green
T30a	30-pin connector, black
B434	Connection 1 (screen), in main wiring harness
*	see applicable current flow diagram for TV tuner
*2	According to equipment
*3	Only models with amplifier for mobile telephone
*4	Only models with no amplifier for mobile telephone
*5	If fitted
*6	Only left-hand drive models

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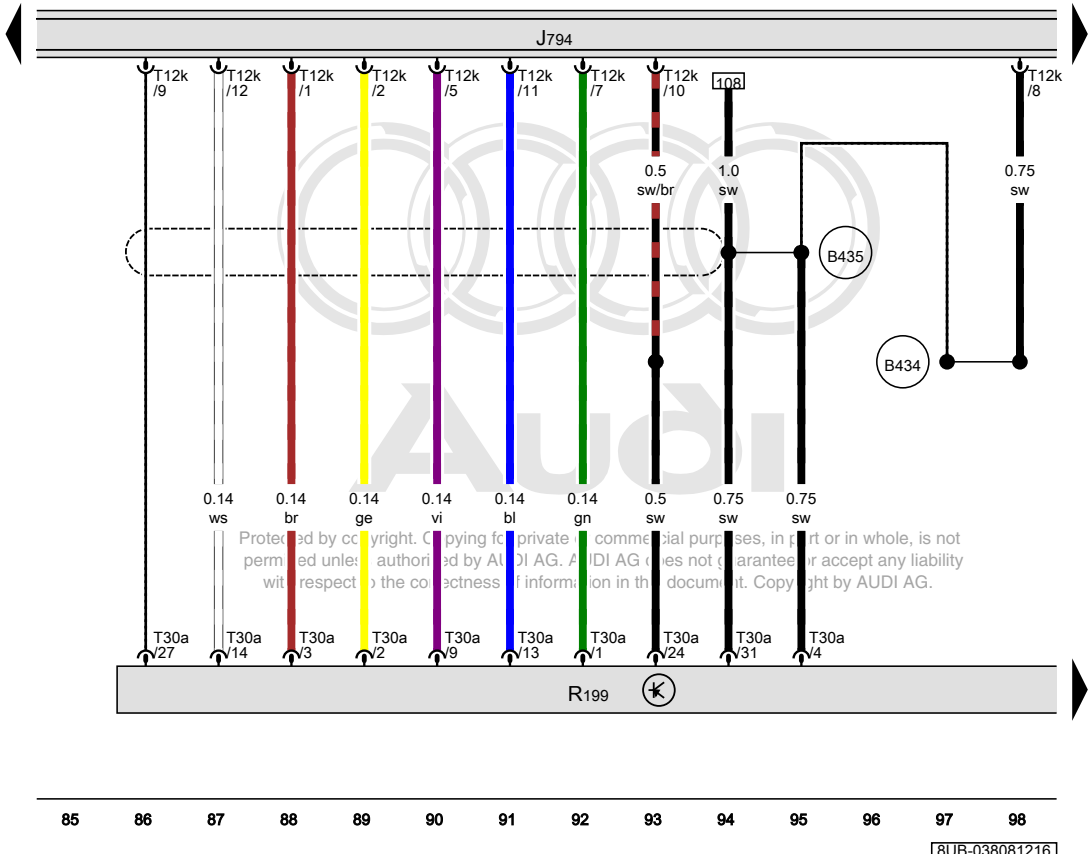
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rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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

J794 Control unit 1 for information electronics
R199 Connection for external audio sources
T12k 12-pin connector, green
T30a 30-pin connector, black

B434 Connection 1 (screen), in main wiring harness

B435 Connection 2 (screen), in main wiring harness

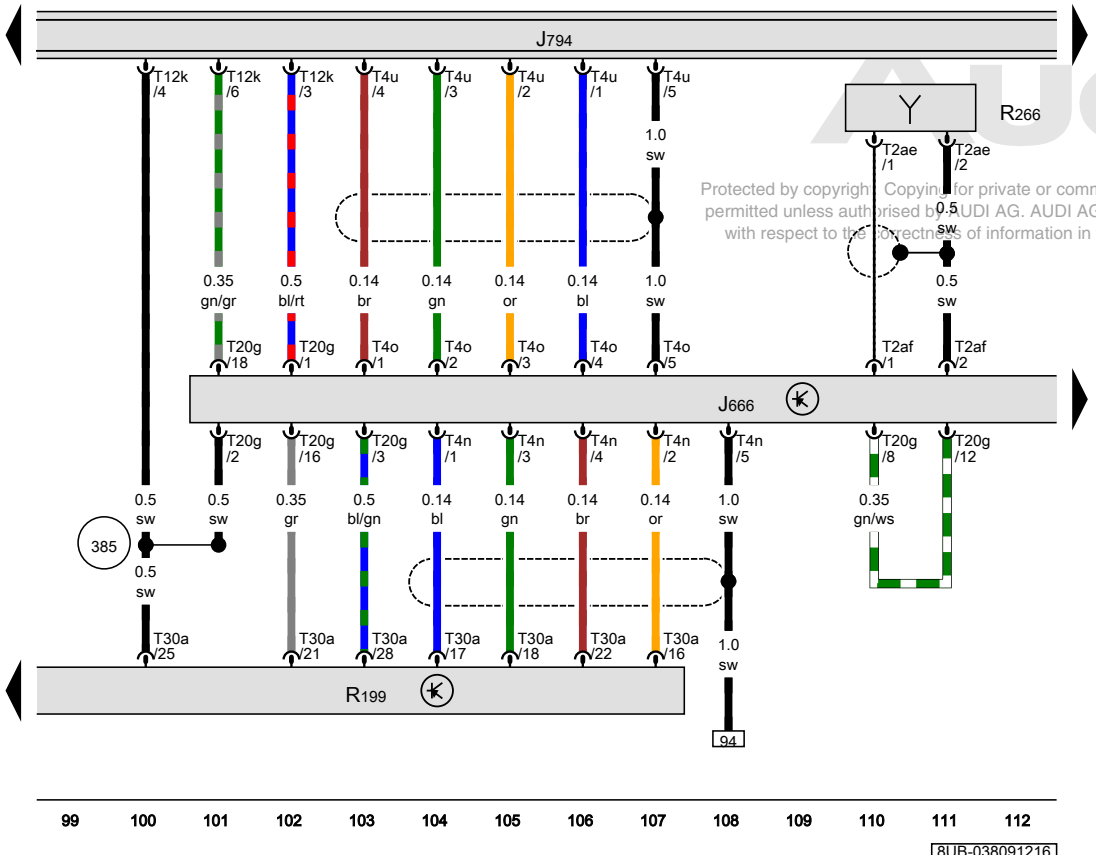


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or = orange
rs = pink

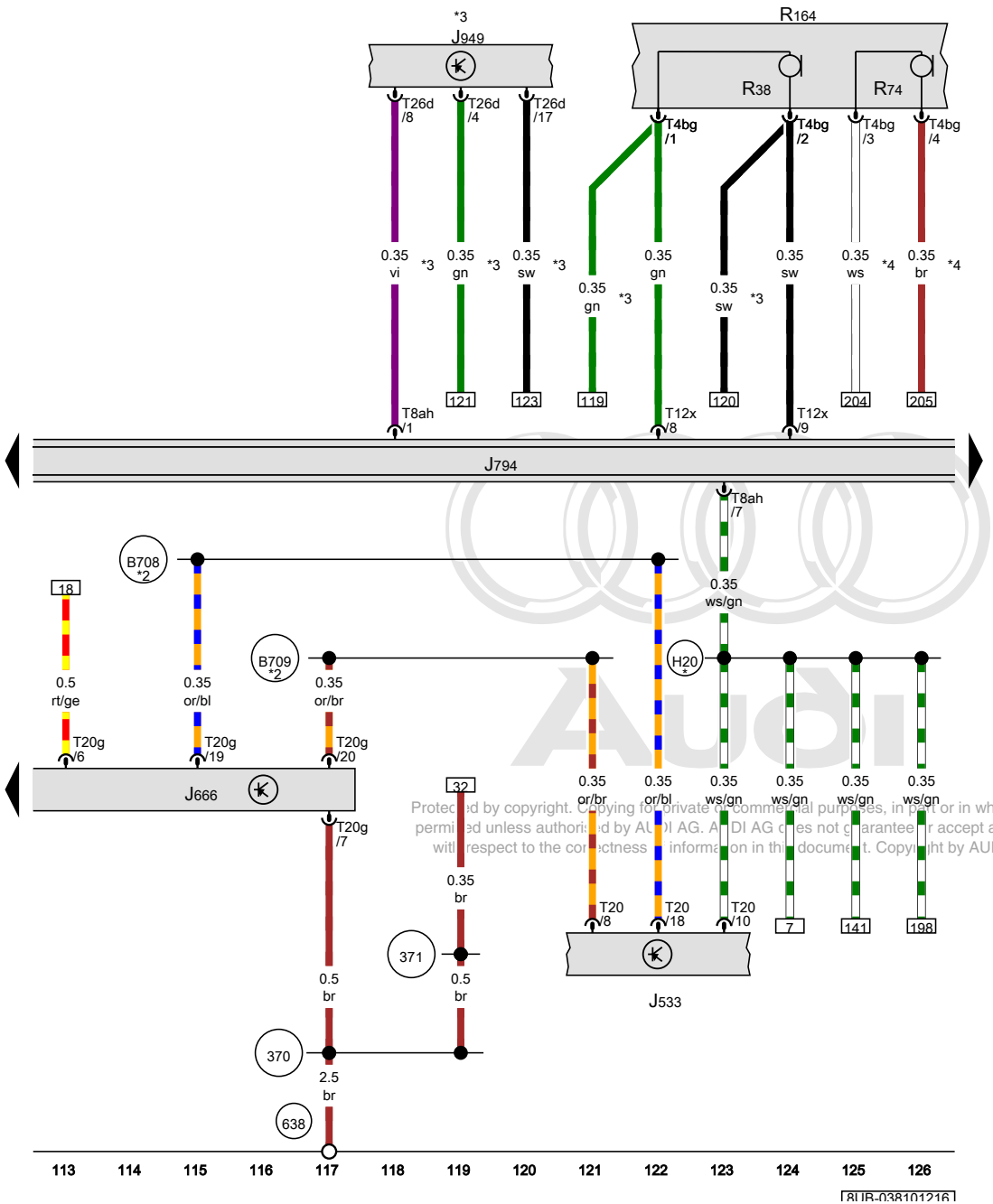
Internet access control unit, Control unit 1 for information electronics, Connection for external audio sources, Internet access aerial

J666	Internet access control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector, light brown
T2af	2-pin connector, light brown
T4n	4-pin connector
T4o	4-pin connector
T4u	4-pin connector, yellow
T12k	12-pin connector, green
T20g	20-pin connector, black
T30a	30-pin connector, black
385	Earth connection 20, in main wiring harness



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

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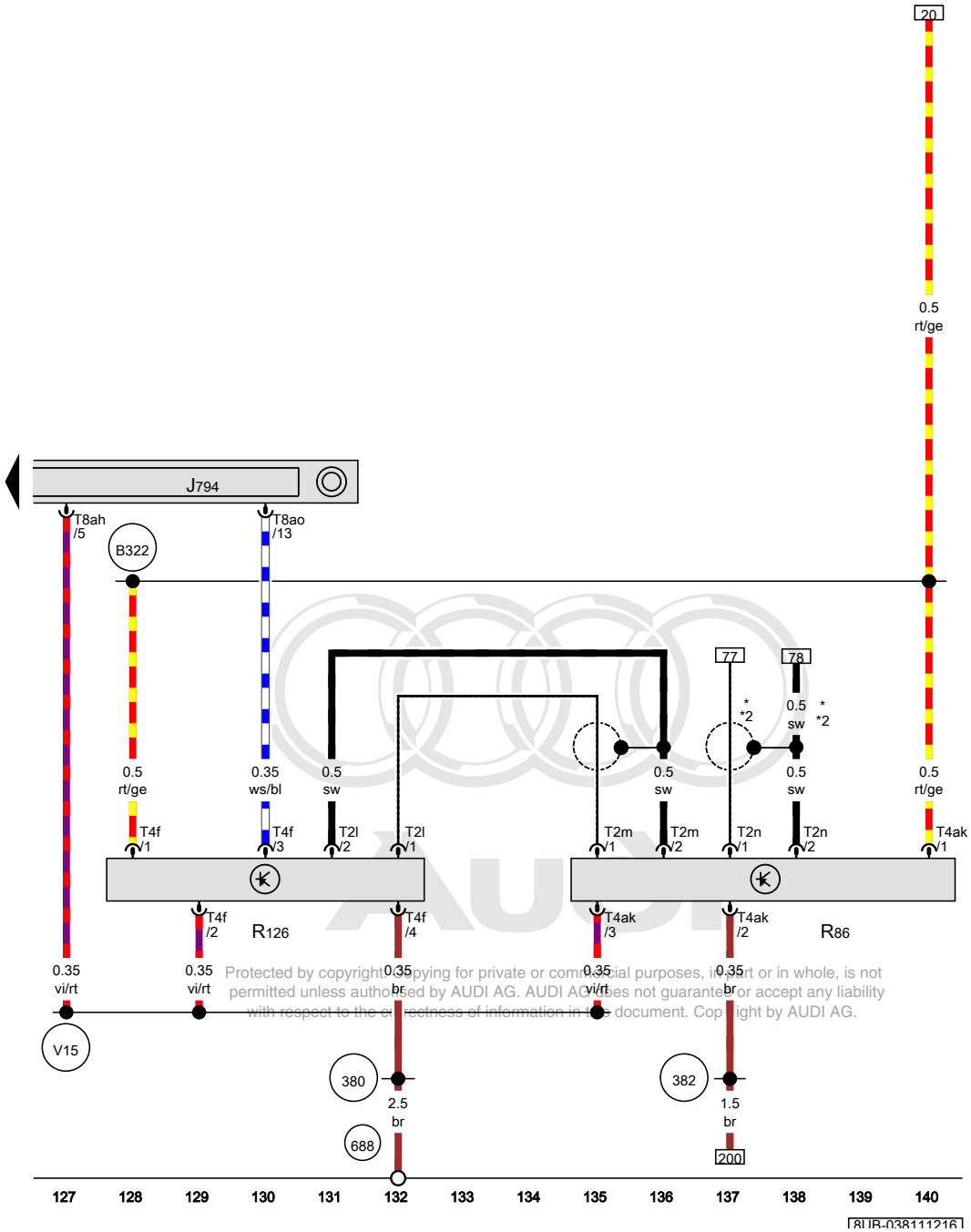


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or = orange
rs = pink

Data bus diagnostic interface, Internet access control unit, Control unit 1 for information electronics, Emergency call module control unit and communication unit, Microphone unit in front roof module

J533	Data bus diagnostic interface
J666	Internet access control unit
J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R74	Internal microphone
R164	Microphone unit in front roof module
T4bg	4-pin connector, black
T8ah	8-pin connector, brown
T12x	12-pin connector, blue
T20	20-pin connector, red
T20g	20-pin connector, black
T26d	26-pin connector, black
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	see applicable current flow diagram for ring circuit break diagnostic
*2	see applicable current flow diagram for data bus network
*3	Only models with emergency call module
*4	Only models with BOSE sound system

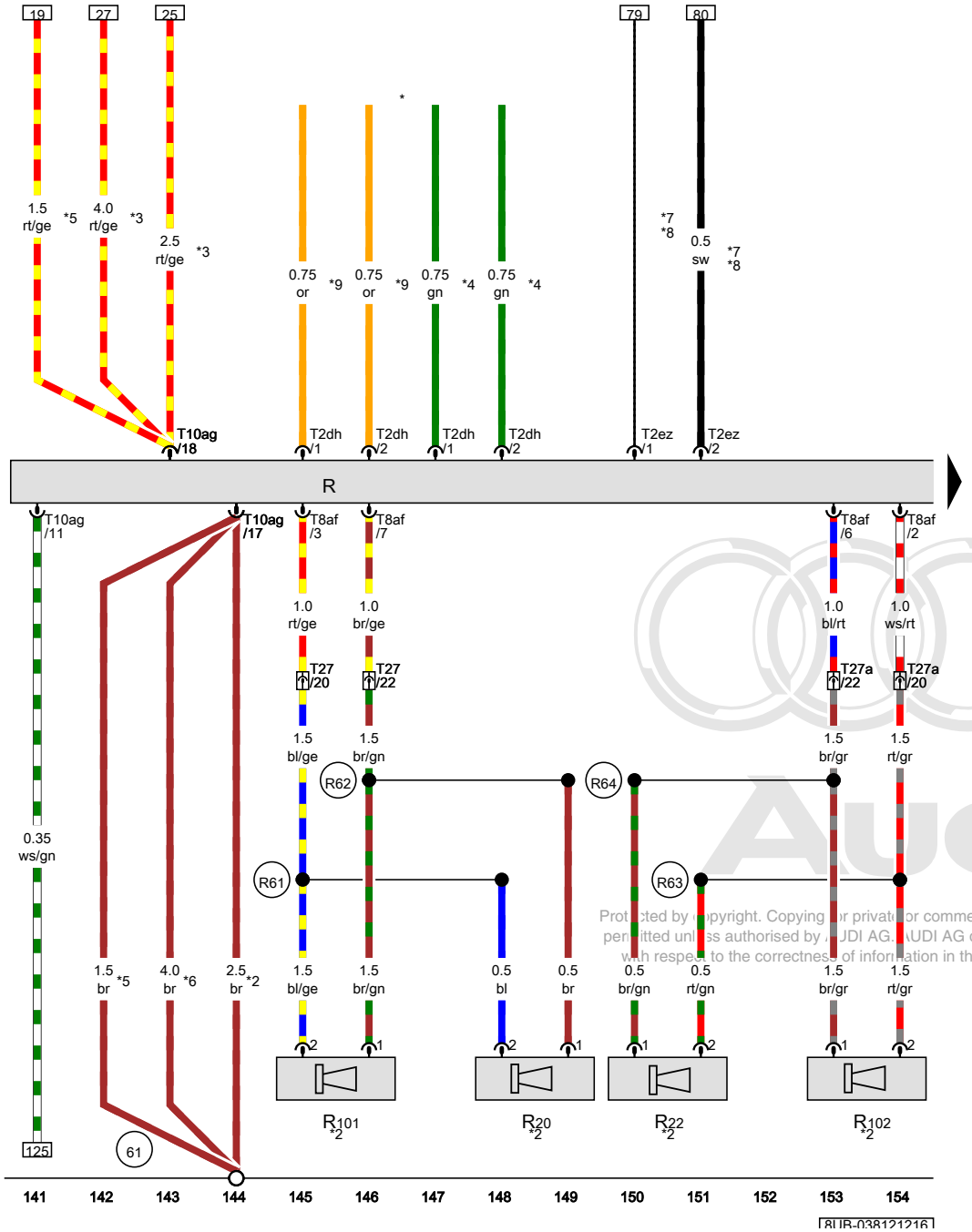


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Control unit 1 for information electronics, Aerial amplifier for mobile telephone, Telephone bracket

J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
T2l	2-pin connector, purple
T2m	2-pin connector, black
T2n	2-pin connector, purple
T4ak	4-pin connector, black
T4f	4-pin connector, brown
T8ah	8-pin connector, brown
T8ao	8-pin connector, black
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	According to equipment
*2	Only models with amplifier for mobile telephone

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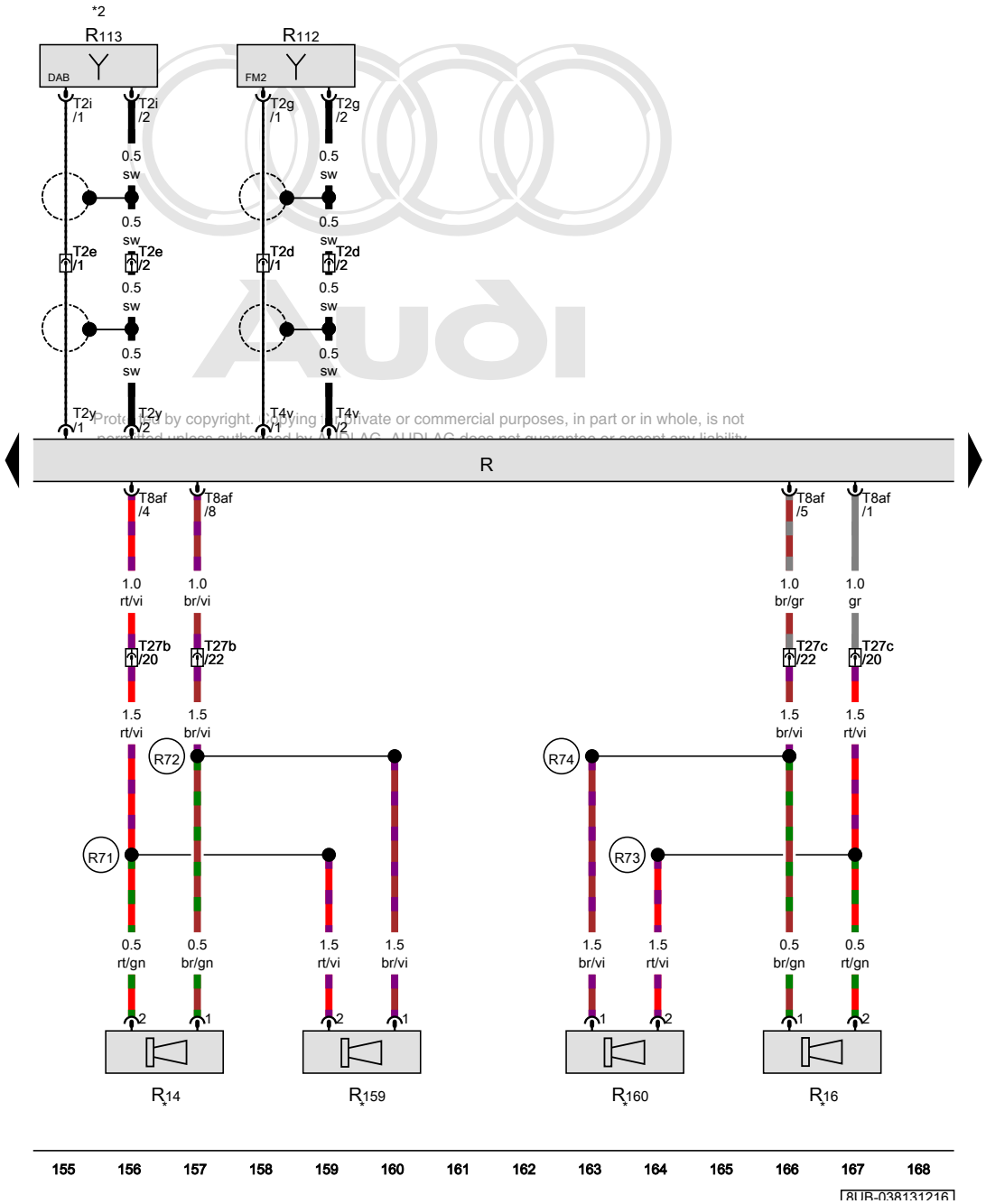


Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

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
T2dh	2-pin connector, black
T2ez	2-pin connector, green
T8af	8-pin connector, brown
T10ag	10-pin connector, black
T27	27-pin connector, on left A-pillar, black
T27a	27-pin connector, on right A-pillar, black
61	Earth point, left C-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	see applicable current flow diagram for infotainment MOST bus
*2	Only models with passive loudspeakers
*3	According to equipment
*4	From May 2014
*5	Only models with BOSE sound system
*6	Only models with active loudspeakers
*7	If fitted
*8	Only left-hand drive models
*9	Up to April 2014

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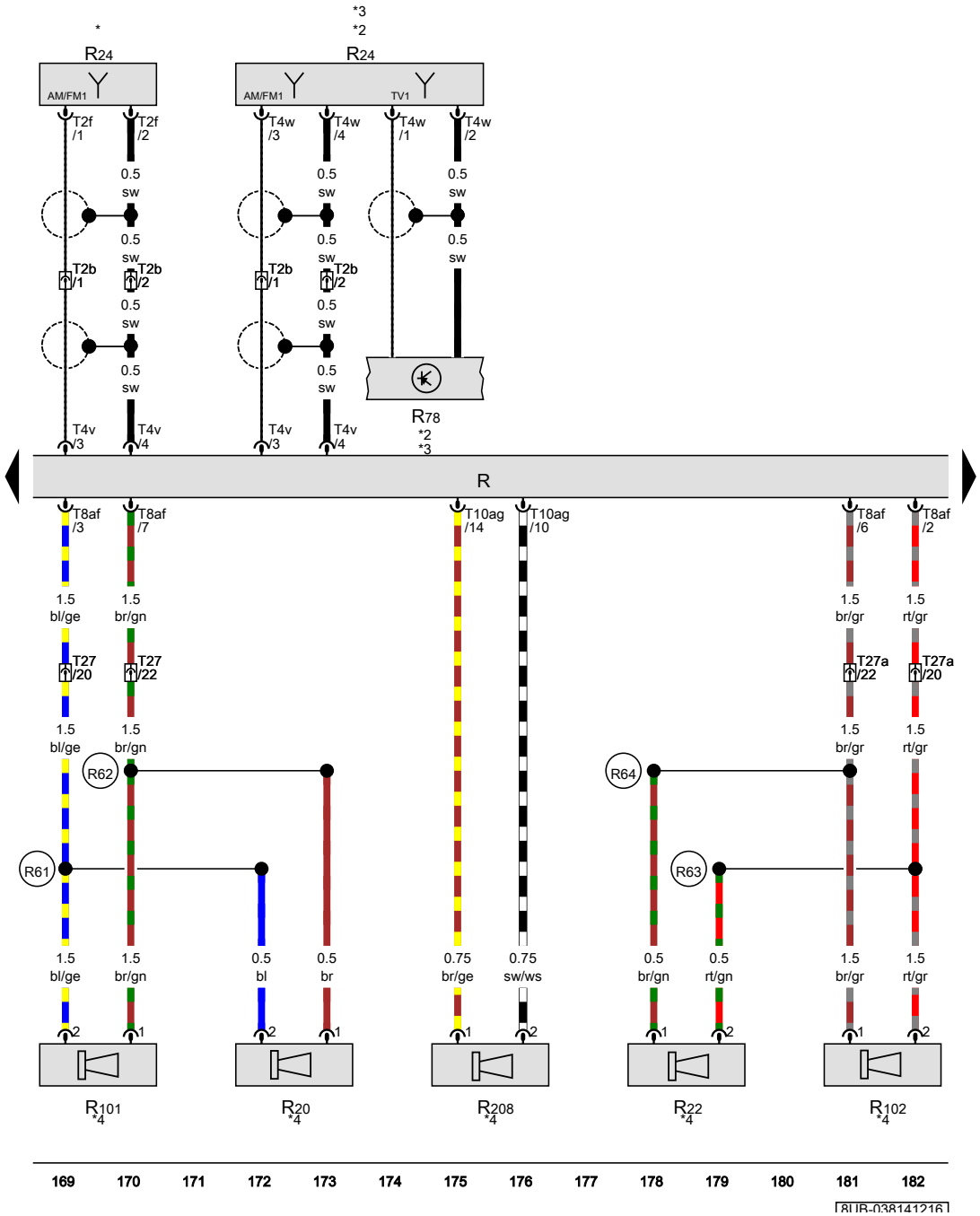


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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier 3, Aerial amplifier 4, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T2d	2-pin connector, Coupling point for rear lid, blue, grey
T2e	2-pin connector, Coupling point for rear lid, black
T2g	2-pin connector
T2i	2-pin connector
T2y	2-pin connector, black
T4v	4-pin connector, white
T8af	8-pin connector, brown
T27b	27-pin connector, on left B-pillar, black
T27c	27-pin connector, on right B-pillar, black
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers
*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



ws = white
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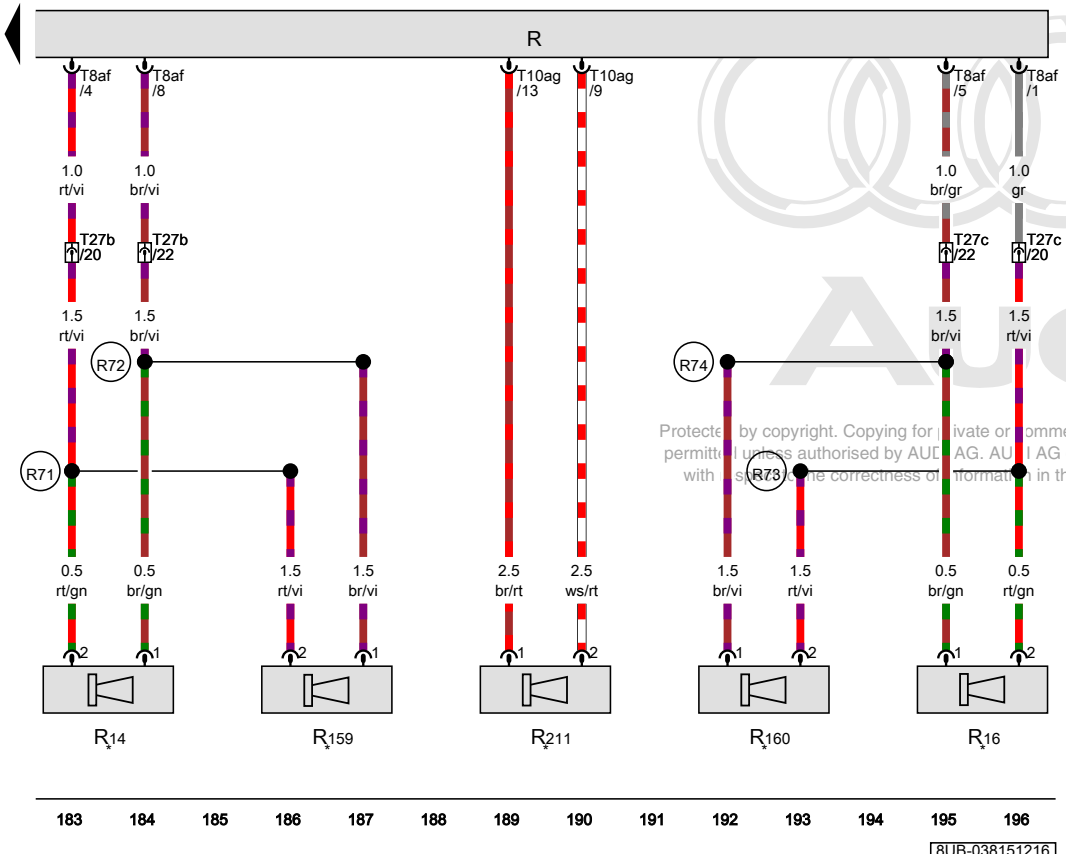
Radio, Front left treble loudspeaker, Front right treble loudspeaker, Aerial amplifier, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker, Centre loudspeaker

R	Radio
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R24	Aerial amplifier
R78	TV tuner
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
R208	Centre loudspeaker
T2b	2-pin connector, Coupling point for rear lid
T2f	2-pin connector, white
T4v	4-pin connector, white
T4w	4-pin connector, white
T8af	8-pin connector, brown
T10ag	10-pin connector, black
T27	27-pin connector, on left A-pillar, black
T27a	27-pin connector, on right A-pillar, black
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with no TV receiver
*2	Only models with TV tuner
*3	see applicable current flow diagram
*4	Only models with active loudspeakers

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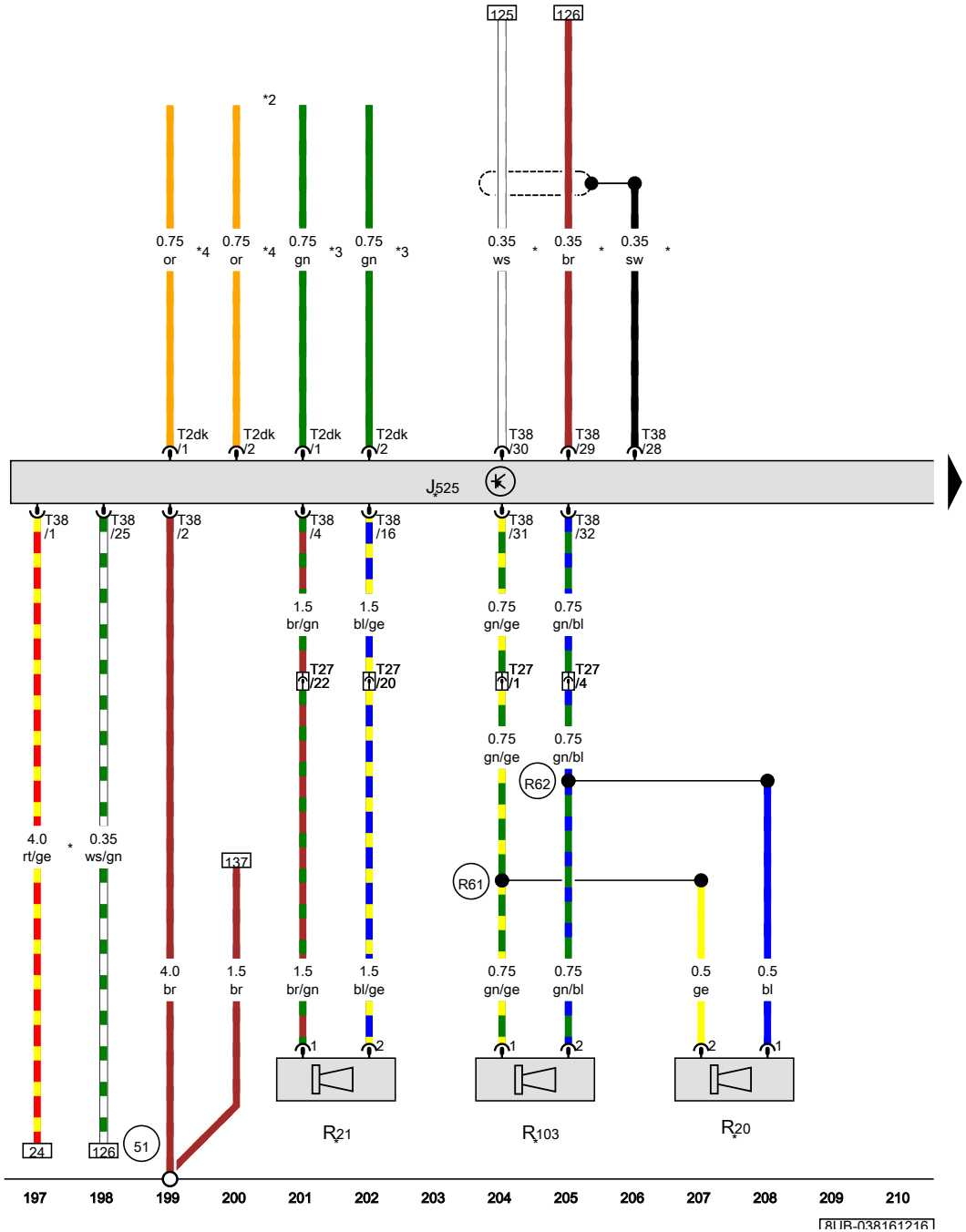
Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T8af	8-pin connector, brown
T10ag	10-pin connector, black
T27b	27-pin connector, on left B-pillar, black
T27c	27-pin connector, on right B-pillar, black
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers



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

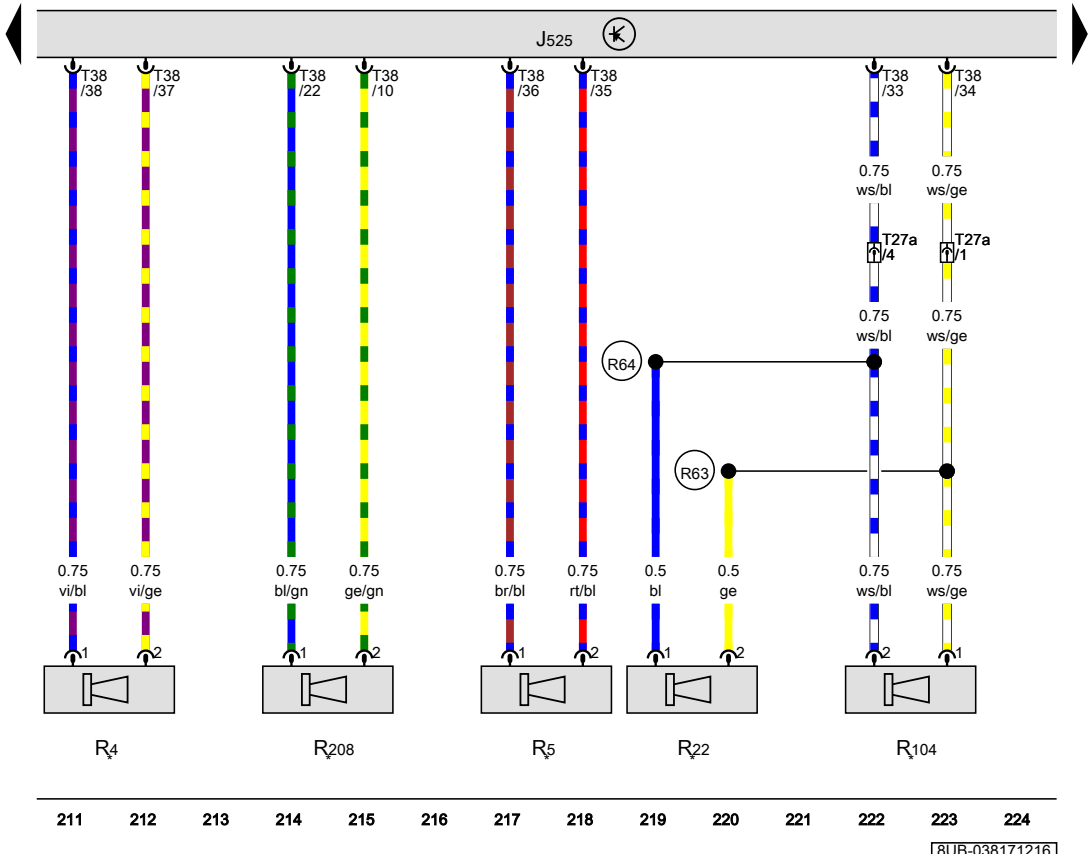
J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
T2dk	2-pin connector, black
T27	27-pin connector, on left A-pillar, black
T38	38-pin connector, black
51	Earth point, on right in luggage compartment
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
*	Only models with BOSE sound system
*2	see applicable current flow diagram for infotainment MOST bus
*3	From May 2014
*4	Up to April 2014

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rs	=	pink

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

J525	Digital sound package control unit
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R22	Front right treble loudspeaker
R104	Front right mid-range loudspeaker
R208	Centre loudspeaker
T27a	27-pin connector, on right A-pillar, black
T38	38-pin connector, black
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with BOSE sound system



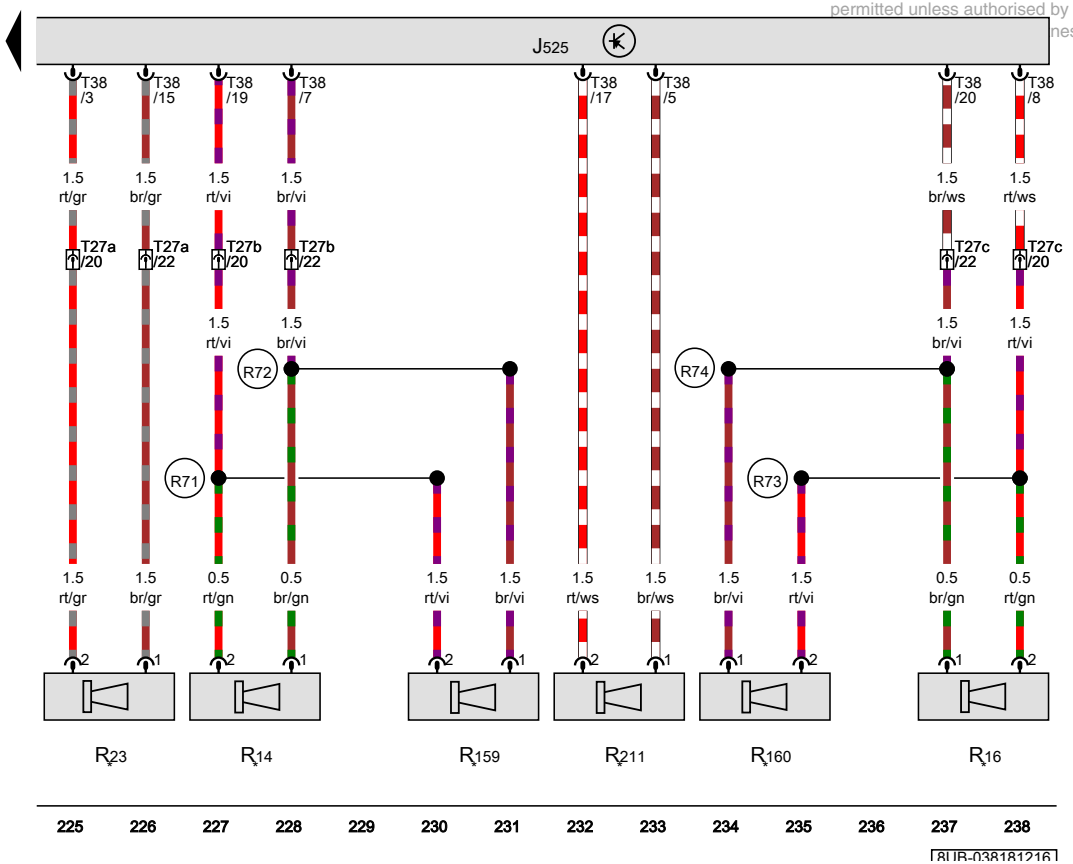
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Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Front right bass loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R23	Front right bass loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T27a	27-pin connector, on right A-pillar, black
T27b	27-pin connector, on left B-pillar, black
T27c	27-pin connector, on right B-pillar, black
T38	38-pin connector, black
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with BOSE sound system

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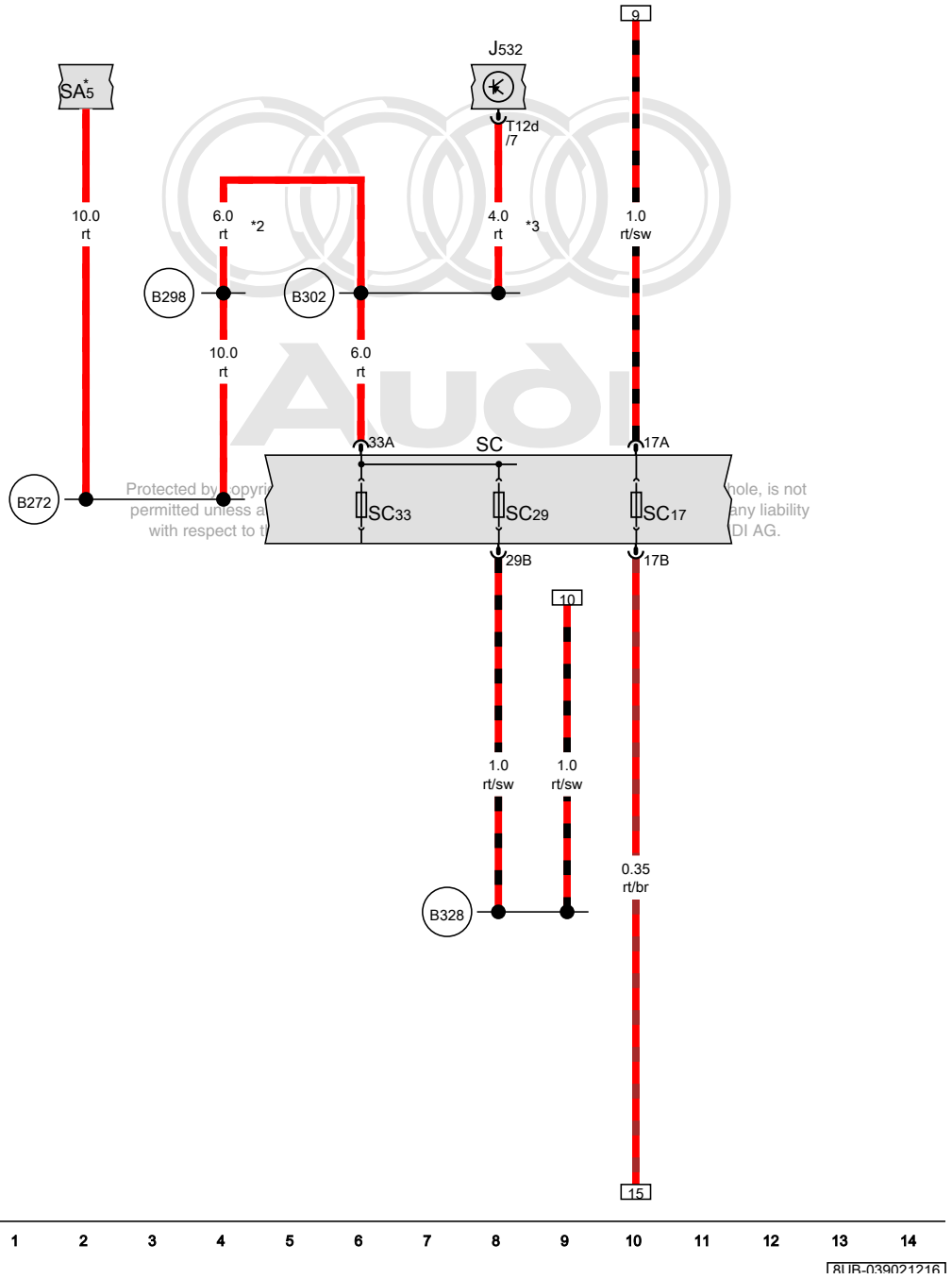


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rt	=	red
br	=	brown
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bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
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or	=	orange
rs	=	pink

Reversing camera (Rear Assist) , (7X8),(8A3)

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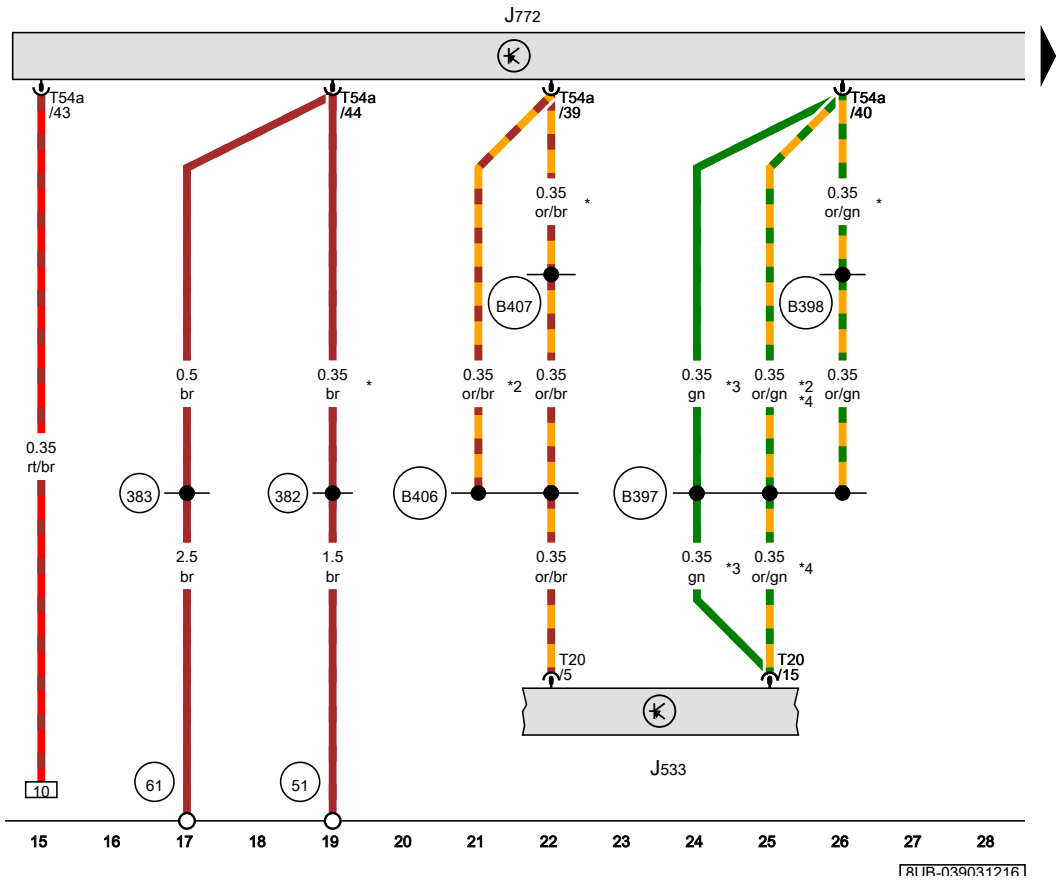
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Fuse holder C

J532	Voltage stabiliser
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC33	Fuse 33 on fuse holder C
T12d	12-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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sw	=	black
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rt	=	red
br	=	brown
gn	=	green
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Data bus diagnostic interface, Reversing camera system control unit

J533 Data bus diagnostic interface
J772 Reversing camera system control unit
T20 20-pin connector
T54a 54-pin connector

51 Earth point, on right in luggage compartment

61 Earth point, left C-pillar

382 Earth connection 17, in main wiring harness

383 Earth connection 18, in main wiring harness

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

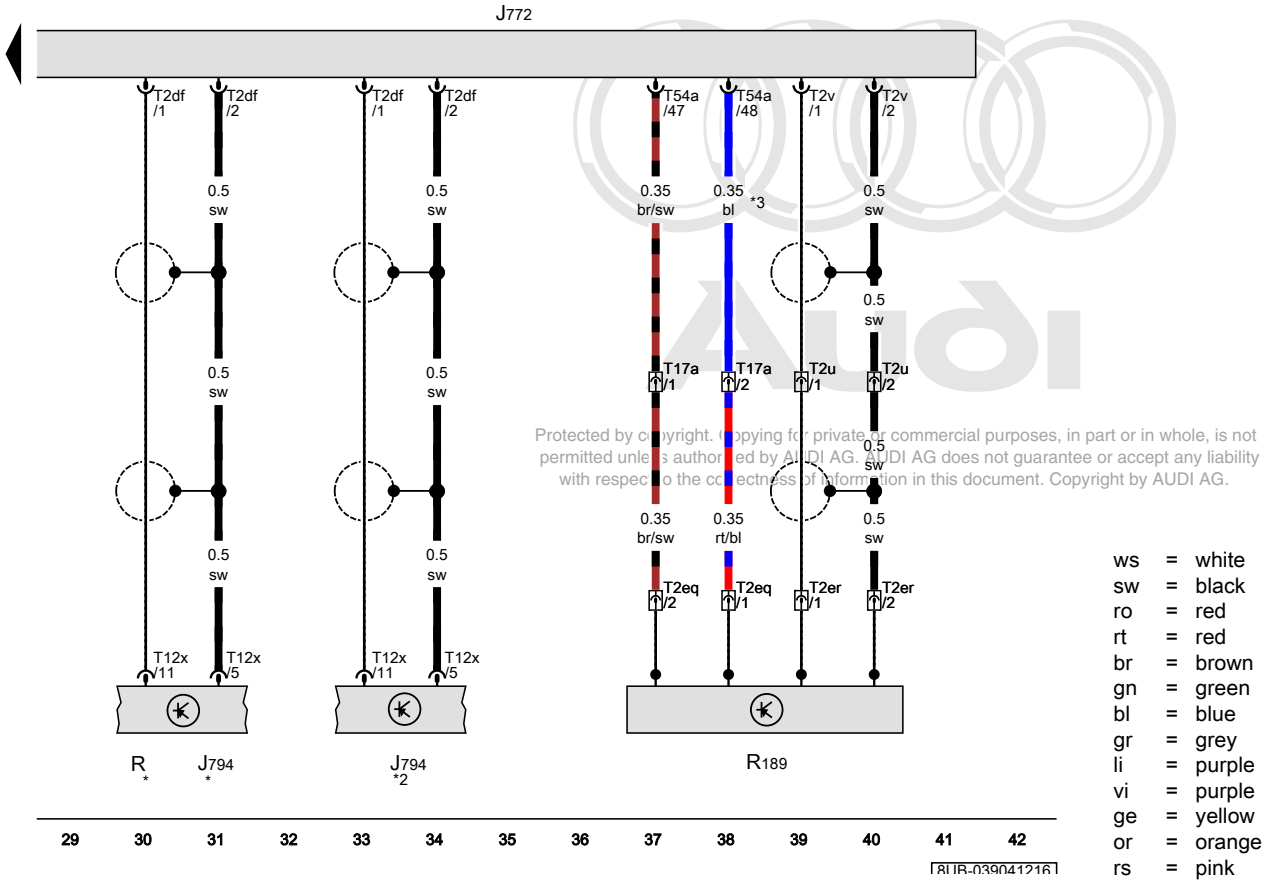
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Gradually discontinued
*2 gradual introduction
*3 From November 2016
*4 Up to October 2016

Reversing camera system control unit, Reversing camera

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R	Radio
R189	Reversing camera
T2df	2-pin connector
T2eq	2-pin connector, under reversing camera cover
T2er	2-pin connector, under reversing camera cover
T2u	2-pin connector, Coupling point for rear lid
T2v	2-pin connector
T12x	12-pin connector
T17a	17-pin connector, Coupling point for rear lid
T54a	54-pin connector
*	Only models with radio concert
*2	Only models with MMI
*3	Wiring colour depends on equipment



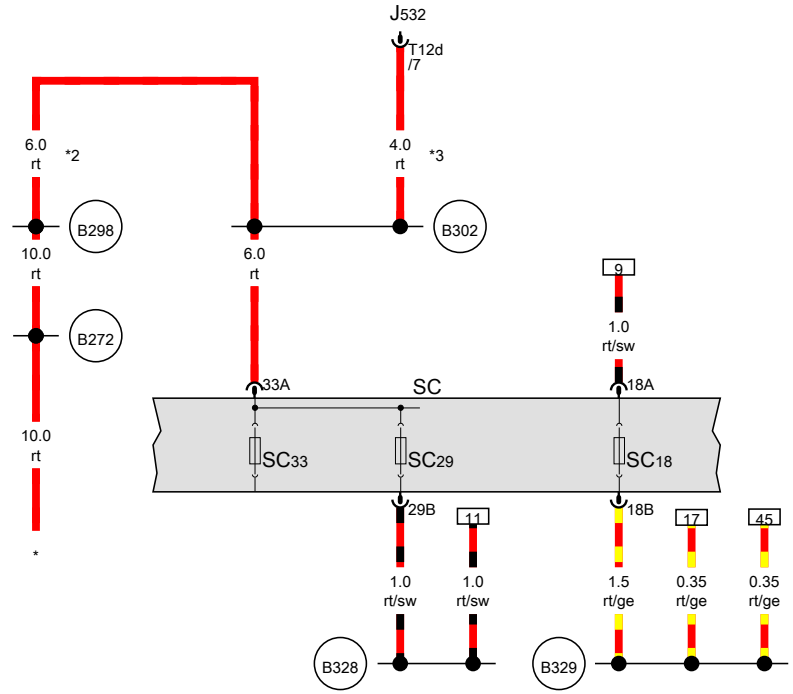
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TV tuner (MOST bus) , (QU1),(QU3),(QV1),(QV2),(QU5),(QU6),(QU7),(QU9),(QV5)

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Fuse holder C

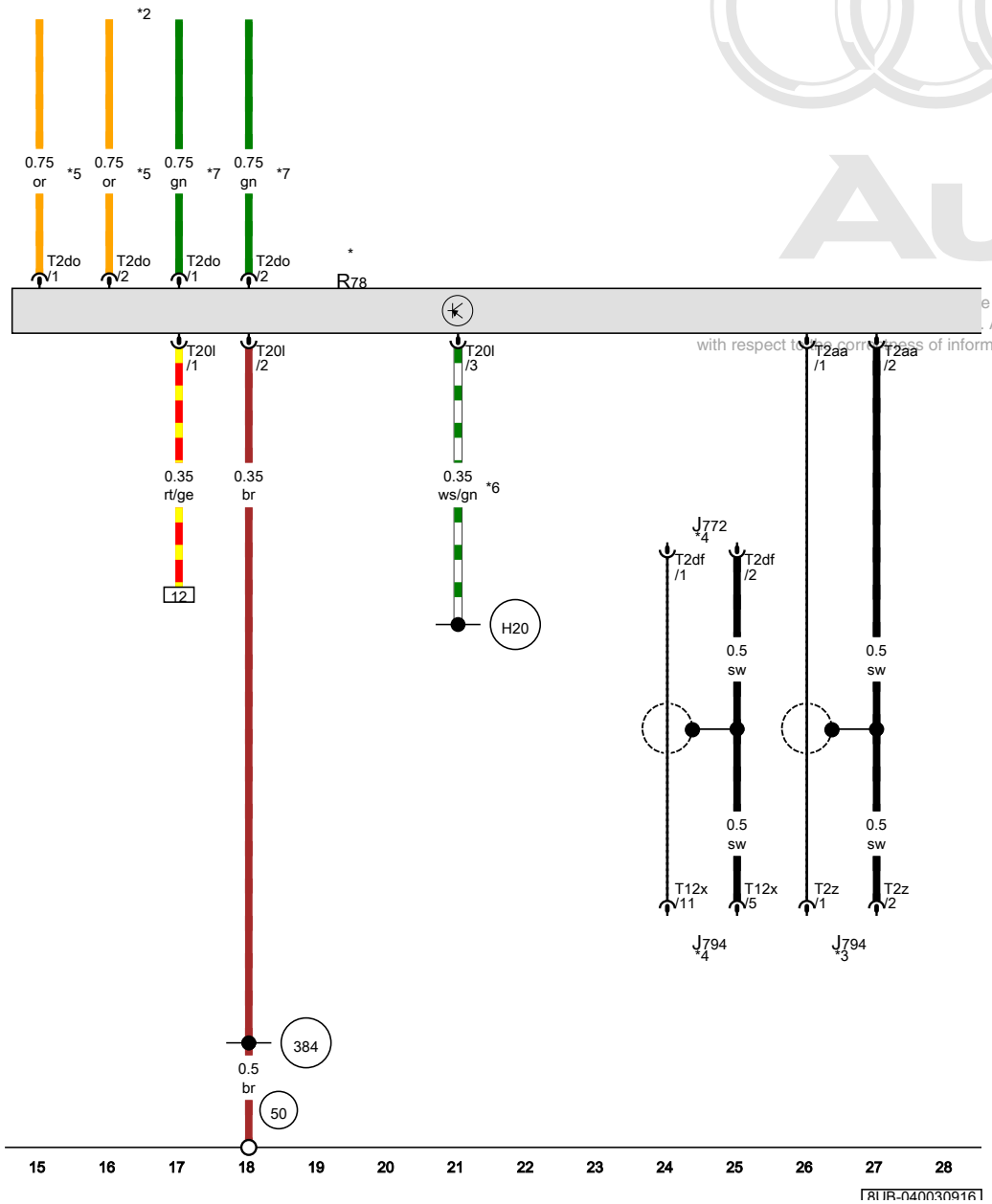
J532	Voltage stabiliser
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC33	Fuse 33 on fuse holder C
T12d	12-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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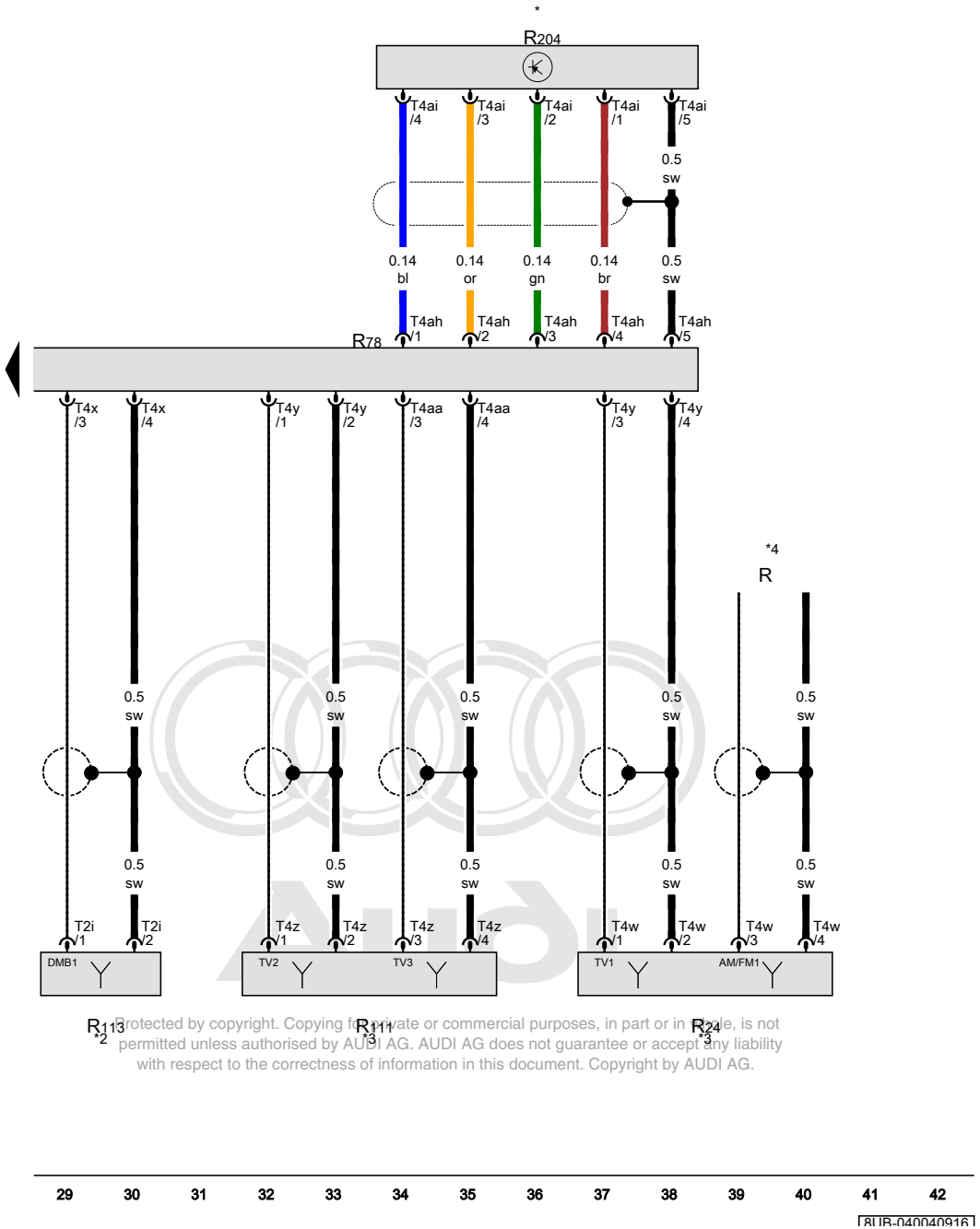


Reversing camera system control unit, Control unit 1 for information electronics, TV tuner

J772	Reversing camera system control unit
J794	Control unit 1 for information electronics
R78	TV tuner
T2aa	2-pin connector
T2df	2-pin connector
T2do	2-pin connector
T2z	2-pin connector
T12x	12-pin connector
T20l	20-pin connector
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	According to equipment
*2	see applicable current flow diagram for infotainment MOST bus
*3	Only models with no reversing camera system
*4	Only models with reversing camera system
*5	Up to April 2014
*6	see applicable current flow diagram for ring circuit break diagnostic
*7	From May 2014

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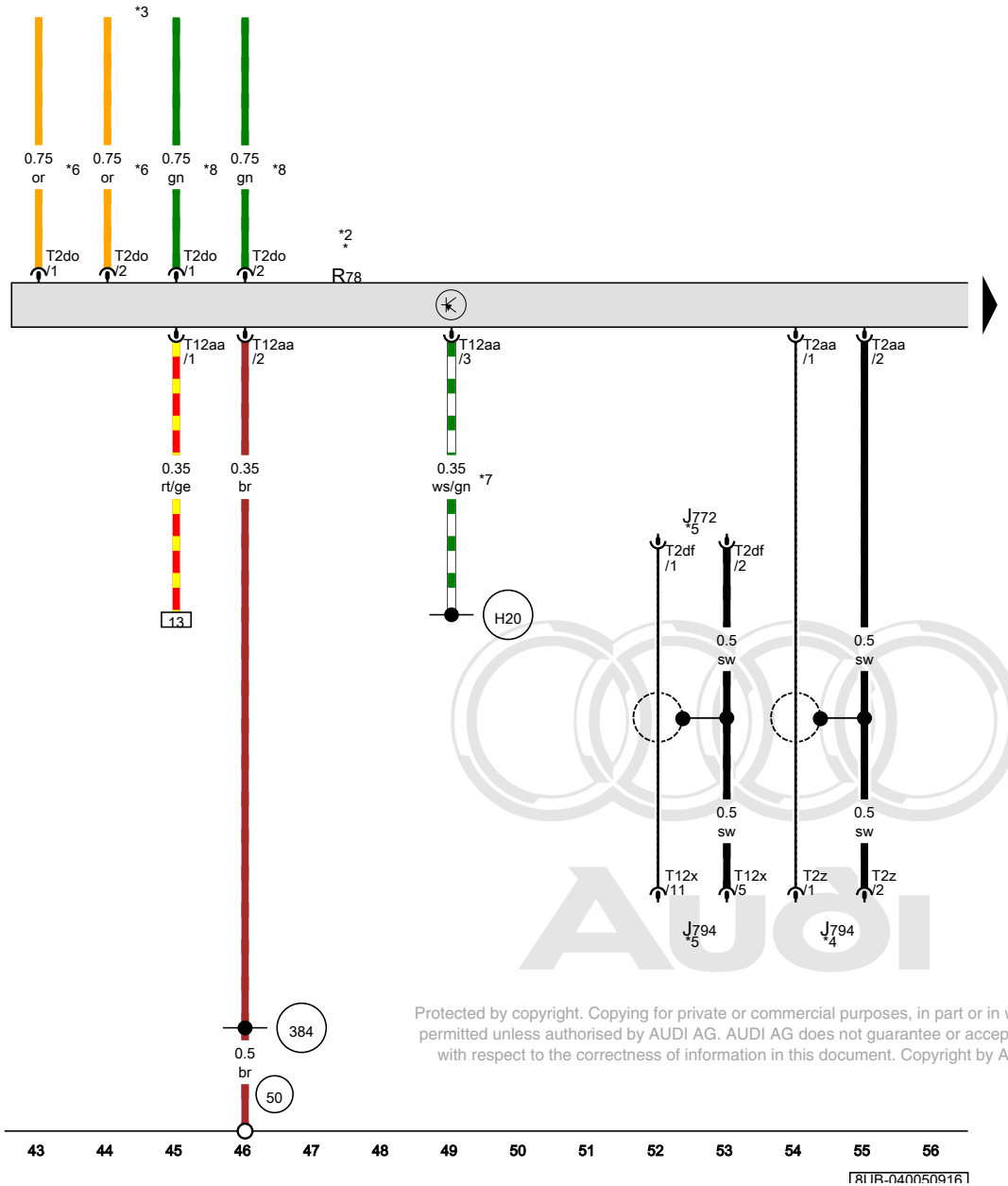


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Aerial amplifier, TV tuner, Aerial amplifier 2, Aerial amplifier 4, TV card reader

R	Radio
R24	Aerial amplifier
R78	TV tuner
R111	Aerial amplifier 2
R113	Aerial amplifier 4
R204	TV card reader
T2i	2-pin connector
T4aa	4-pin connector
T4ah	4-pin connector
T4ai	4-pin connector
T4w	4-pin connector
T4x	4-pin connector
T4y	4-pin connector
T4z	4-pin connector
*	Only models with equipment for Japan
*2	Only models with equipment for Korea
*3	According to equipment
*4	Only models with MMI

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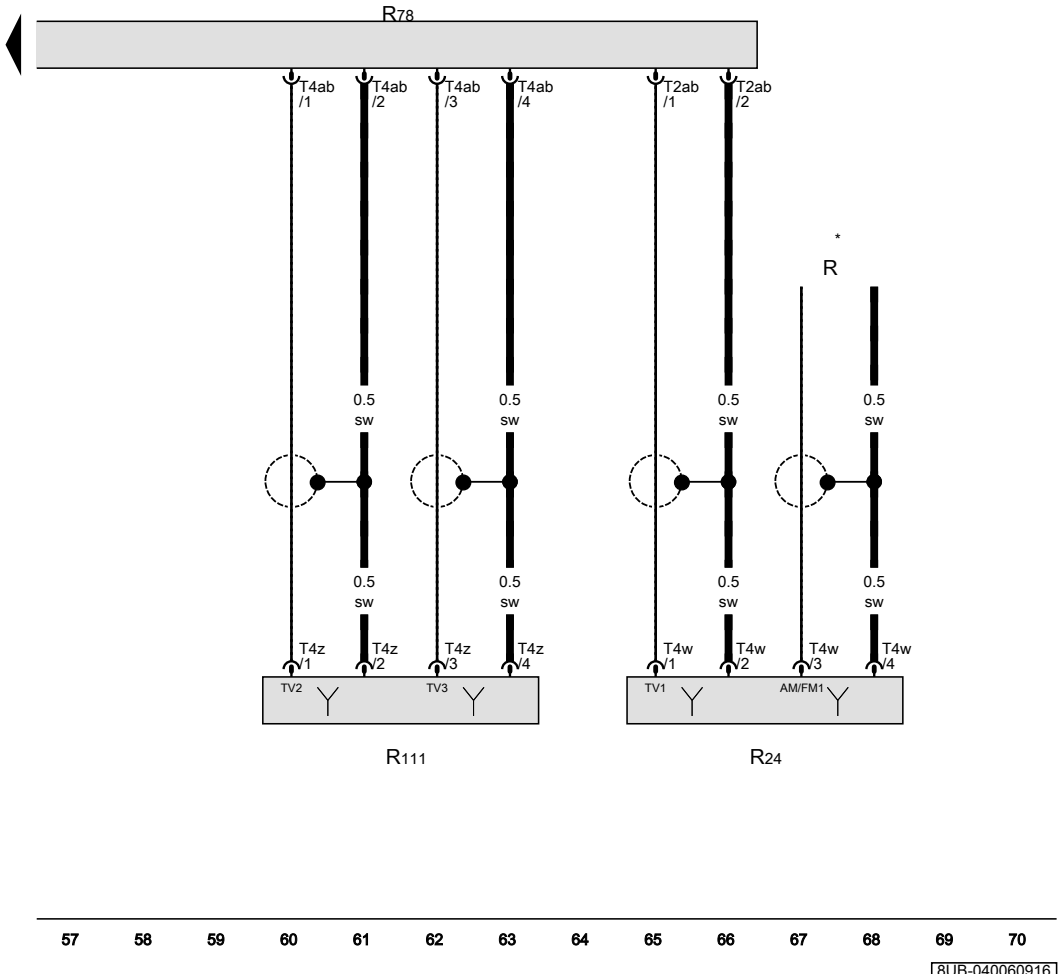
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rs = pink

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
T2aa	2-pin connector
T2df	2-pin connector
T2do	2-pin connector
T2z	2-pin connector
T12aa	12-pin connector
T12x	12-pin connector
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	According to equipment
*2	Not for models with equipment for Korea
*3	see applicable current flow diagram for infotainment MOST bus
*4	Only models with no reversing camera system
*5	Only models with reversing camera system
*6	Up to April 2014
*7	see applicable current flow diagram for ring circuit break diagnostic
*8	From May 2014

Aerial amplifier, TV tuner, Aerial amplifier 2

R	Radio
R24	Aerial amplifier
R78	TV tuner
R111	Aerial amplifier 2
T2ab	2-pin connector
T4ab	4-pin connector
T4w	4-pin connector
T4z	4-pin connector
*	Only models with MMI



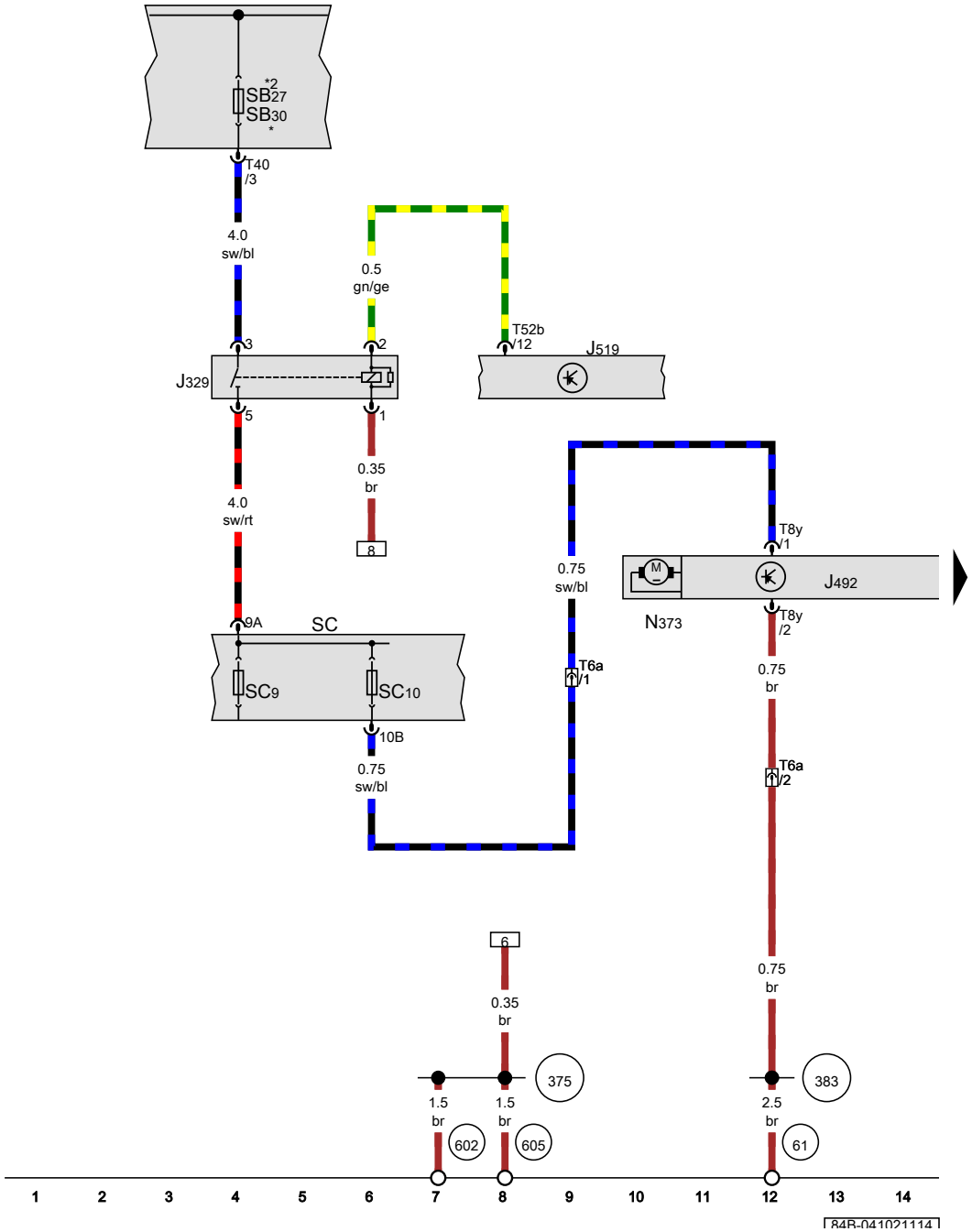
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All-wheel drive

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Terminal 15 voltage supply relay, All-wheel drive control unit, Onboard supply control unit, Coupling opening control valve

J329	Terminal 15 voltage supply relay
J492	All-wheel drive control unit
J519	Onboard supply control unit
N373	Coupling opening control valve
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6a	6-pin connector
T8y	8-pin connector
T40	40-pin connector
T52b	52-pin connector
61	Earth point, left C-pillar
375	Earth connection 10, in main wiring harness
383	Earth connection 18, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Up to October 2012
*2	From November 2012

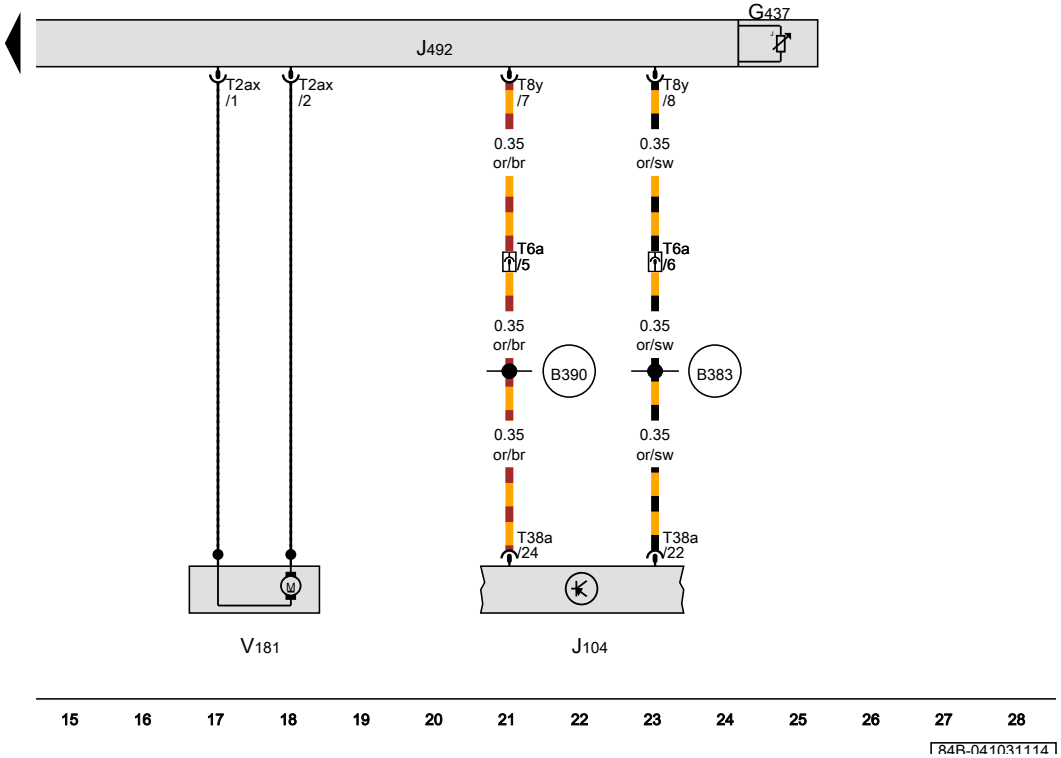
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All-wheel drive control unit

G437	Oil pressure and oil temperature sender
J104	ABS control unit
J492	All-wheel drive control unit
T2ax	2-pin connector
T6a	6-pin connector
T8y	8-pin connector
T38a	38-pin connector
V181	Haldex coupling pump
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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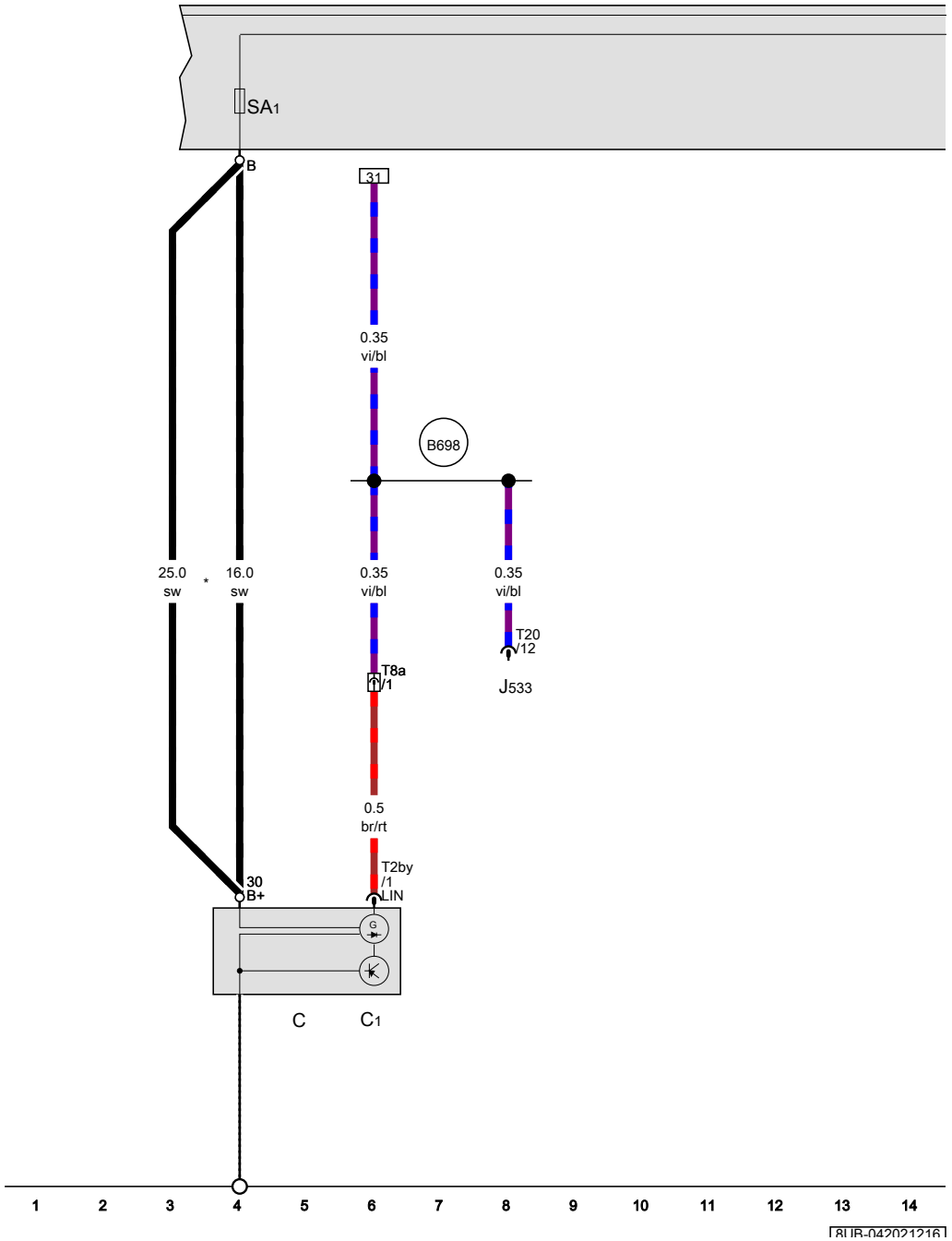


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Battery in engine compartment for models with energy recovery

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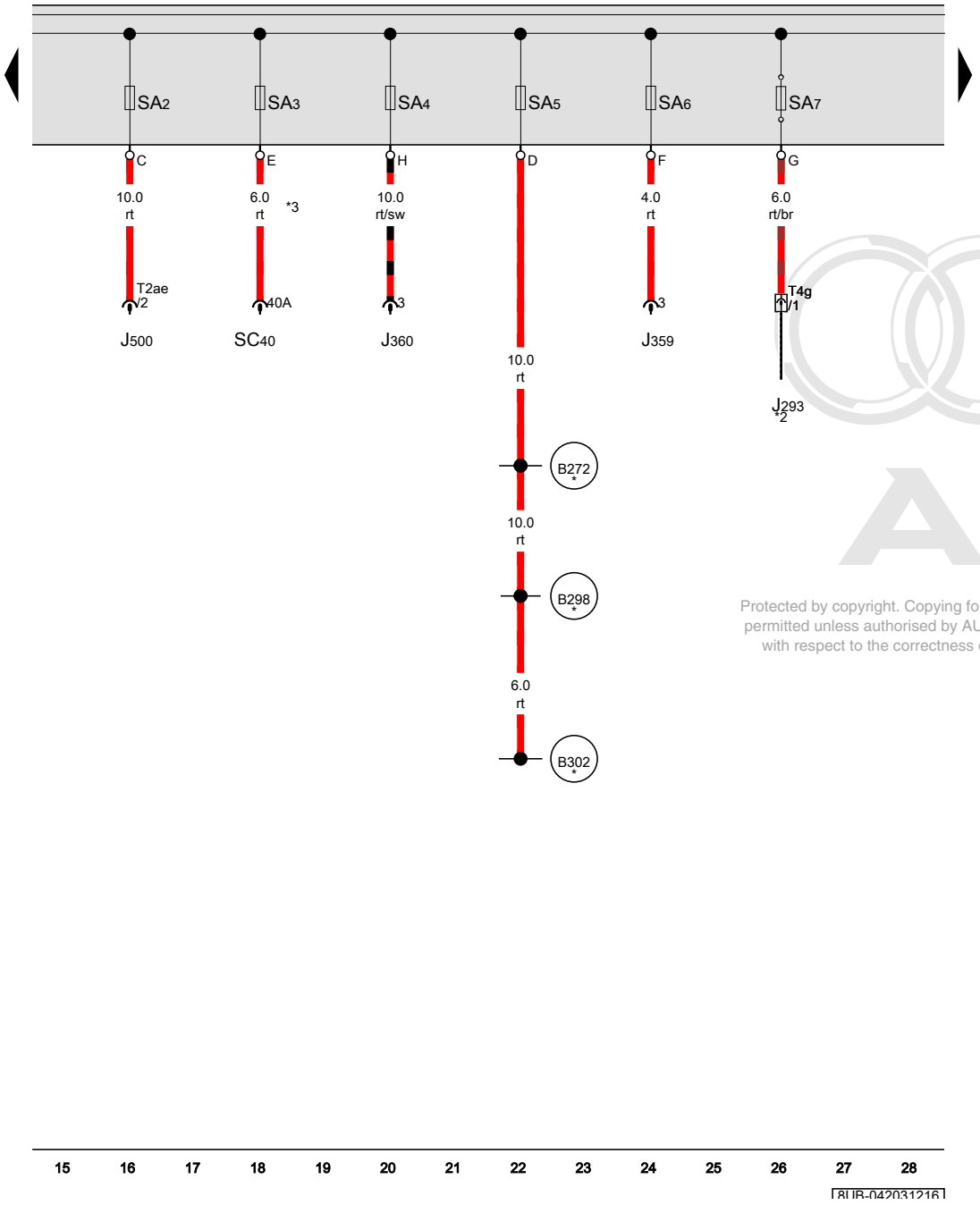


Alternator, Fuse 1 on fuse holder A

C	Alternator
C1	Voltage regulator
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
T2by	2-pin connector
T8a	8-pin connector
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with 140A alternator

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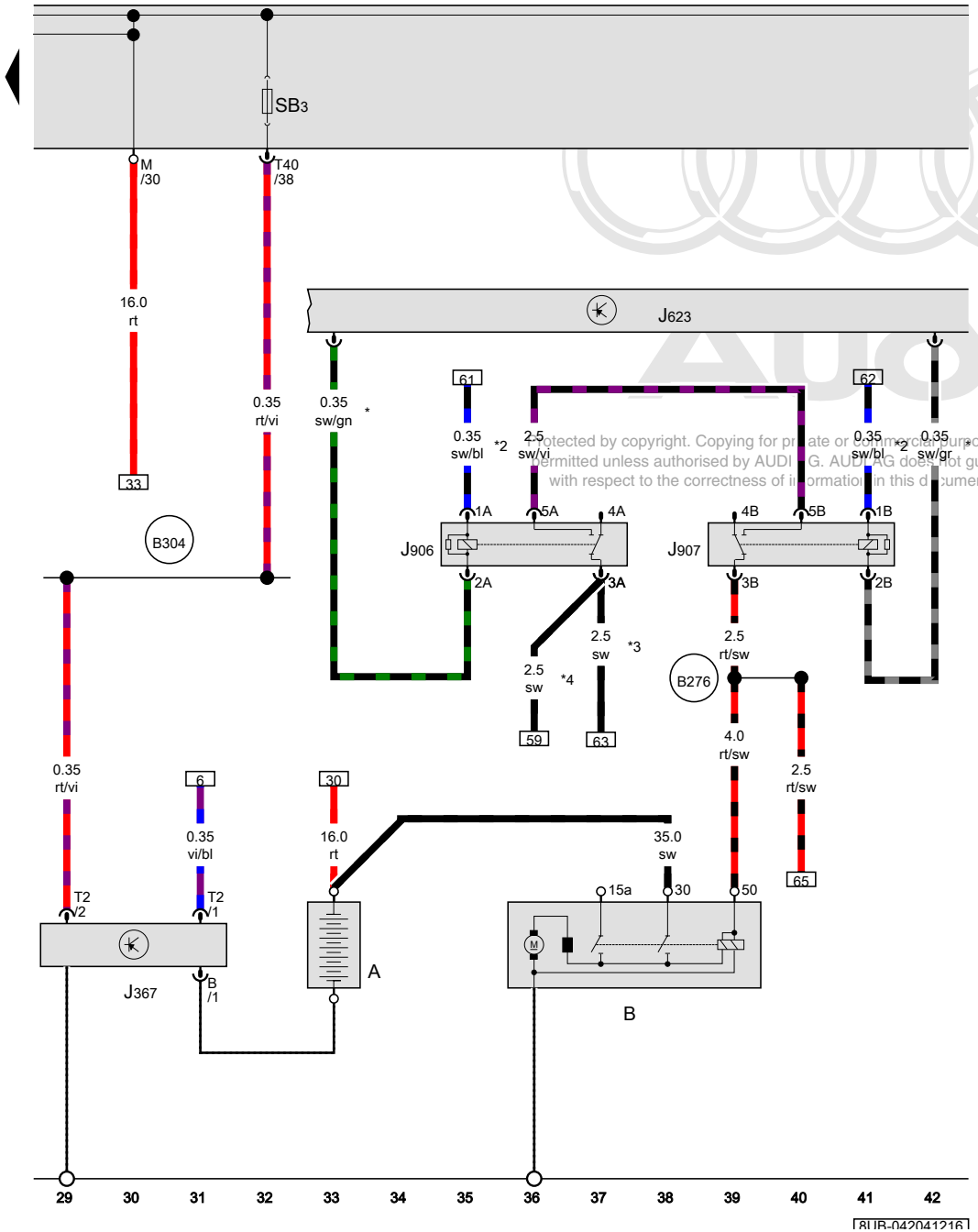


Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SC40	Fuse 40 on fuse holder C
T2ae	2-pin connector
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for towing bracket

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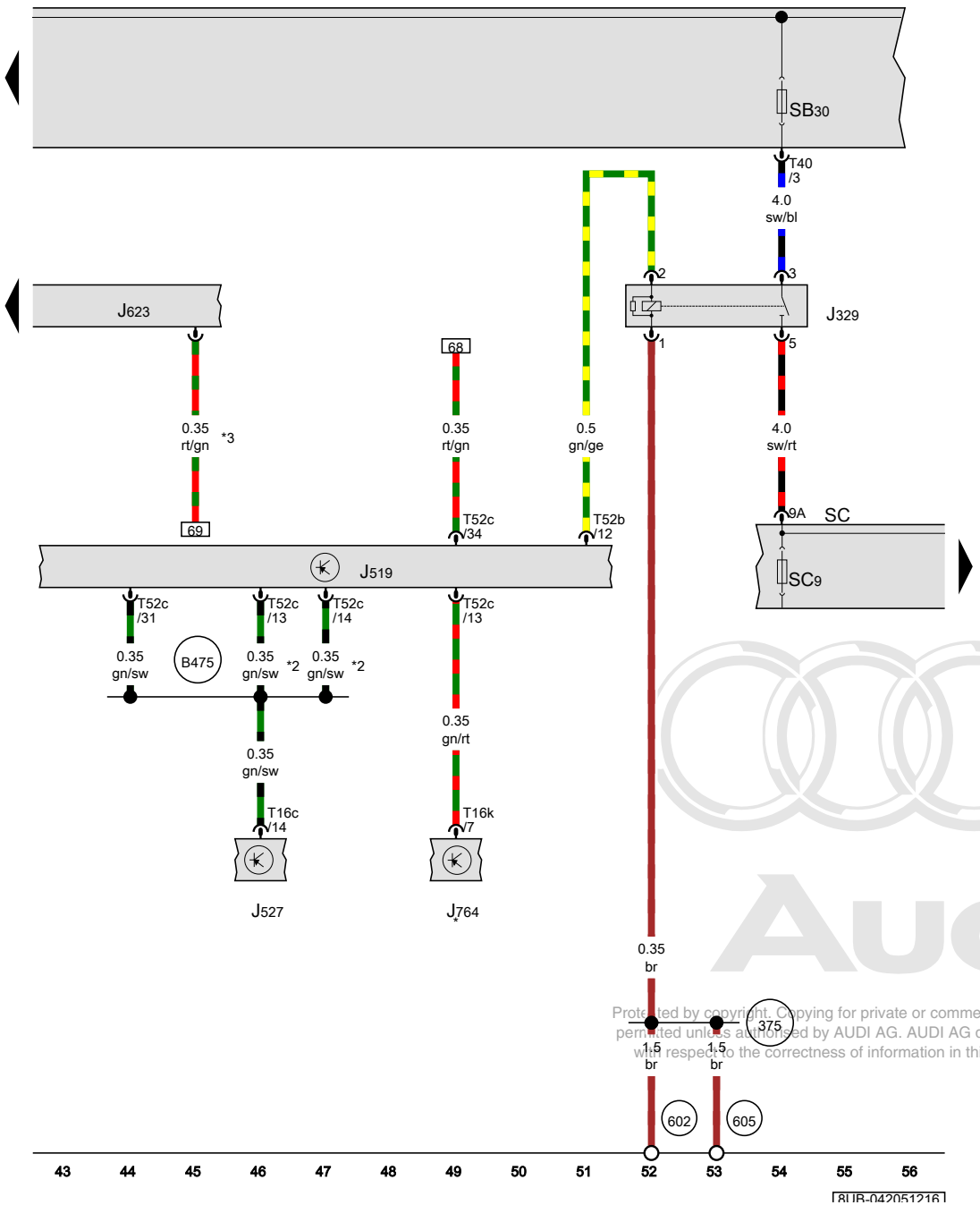


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Battery, Starter, Engine control unit, Starter relay 1, Starter relay 2

A	Battery
B	Starter
J367	Battery monitor control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB3	Fuse 3 on fuse holder B
T1a	1-pin connector
T2	2-pin connector
T40	40-pin connector
B276	Positive connection (50), in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment
*3	Gradually discontinued
*4	gradual introduction

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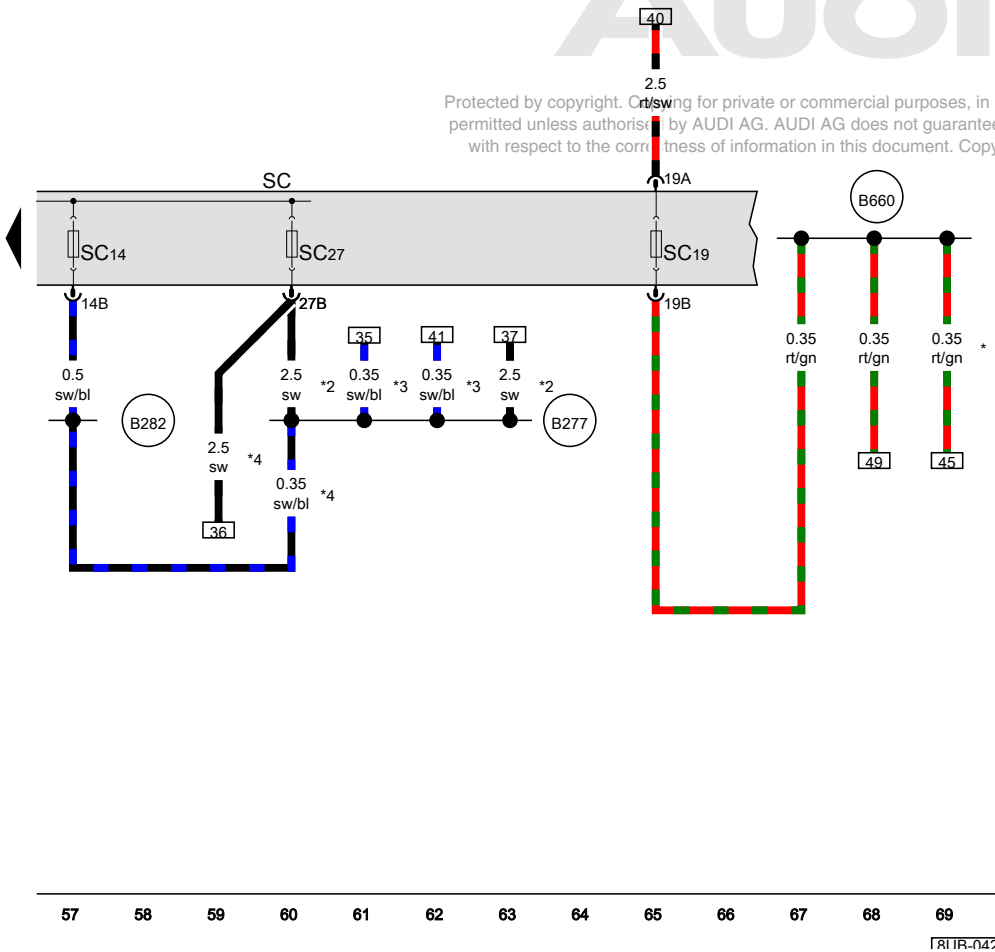


Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
T16c	16-pin connector
T16k	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for engine

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Fuse holder C

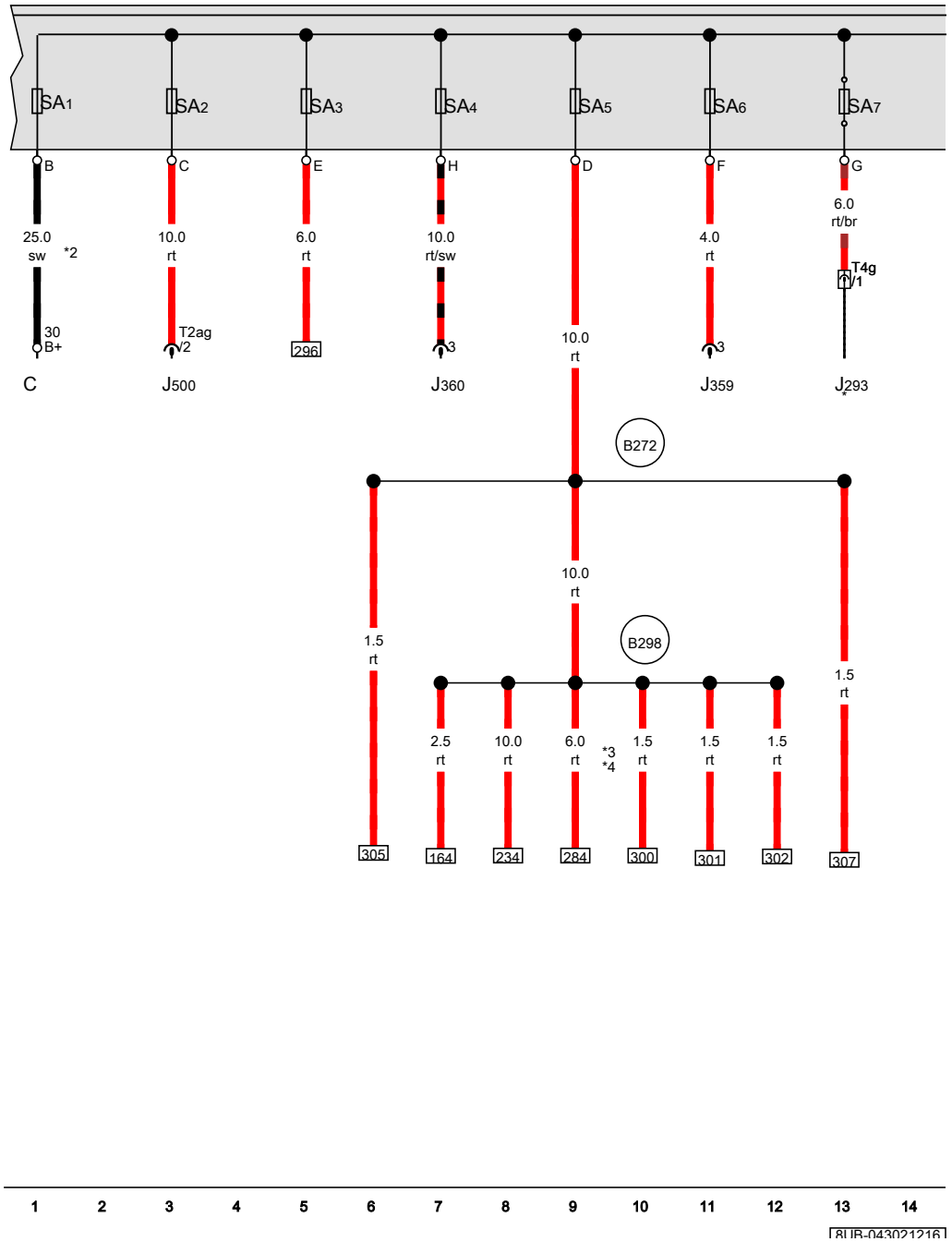
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC27	Fuse 27 on fuse holder C
B277	Positive connection 1 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Gradually discontinued
*3	Wiring colour depends on equipment
*4	gradual introduction

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Fuse assignment

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Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A

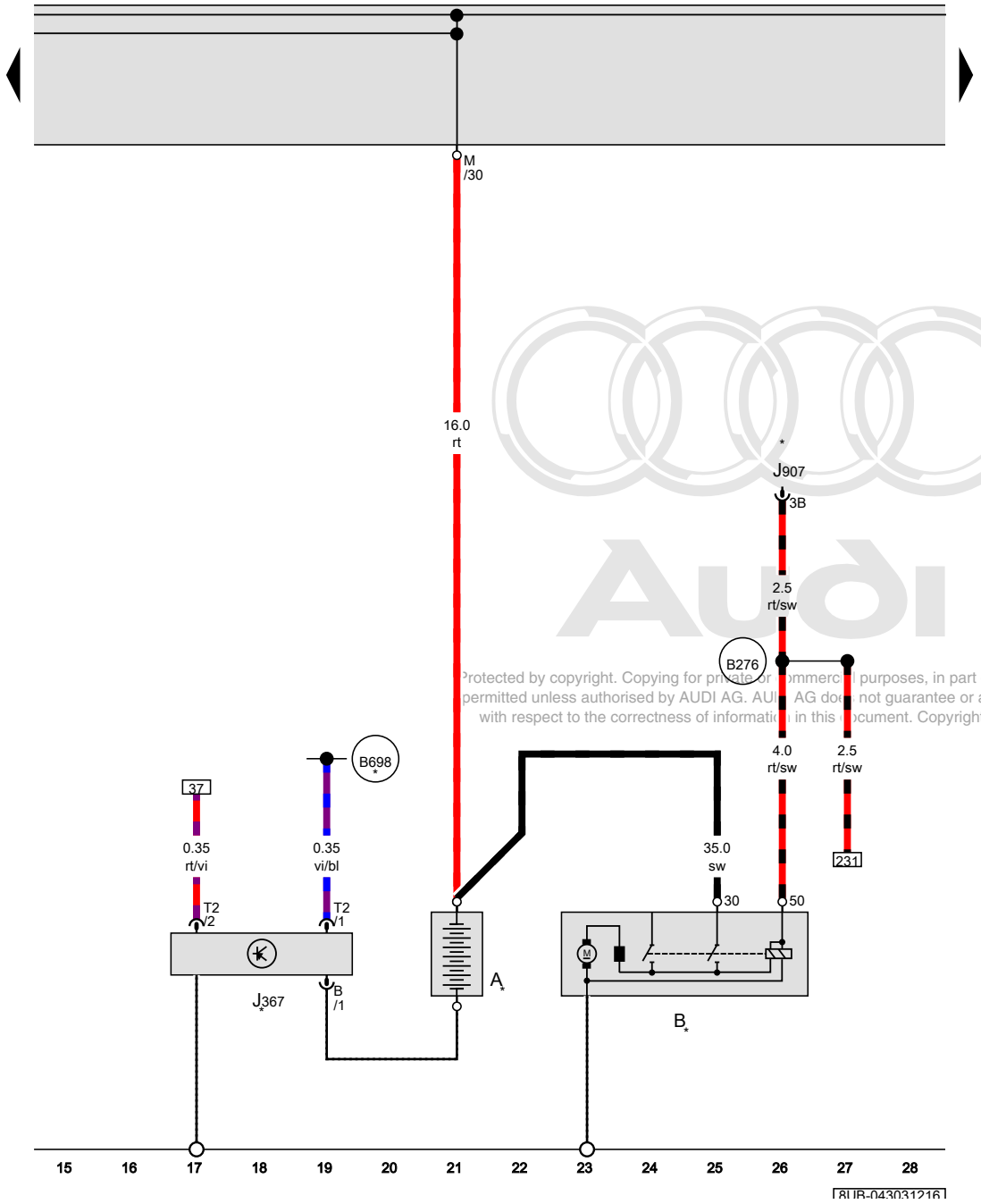
C	Alternator
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
T2ag	2-pin connector
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	Cross section depends on equipment
*3	see applicable current flow diagram for basic equipment
*4	Only models with no start/stop system

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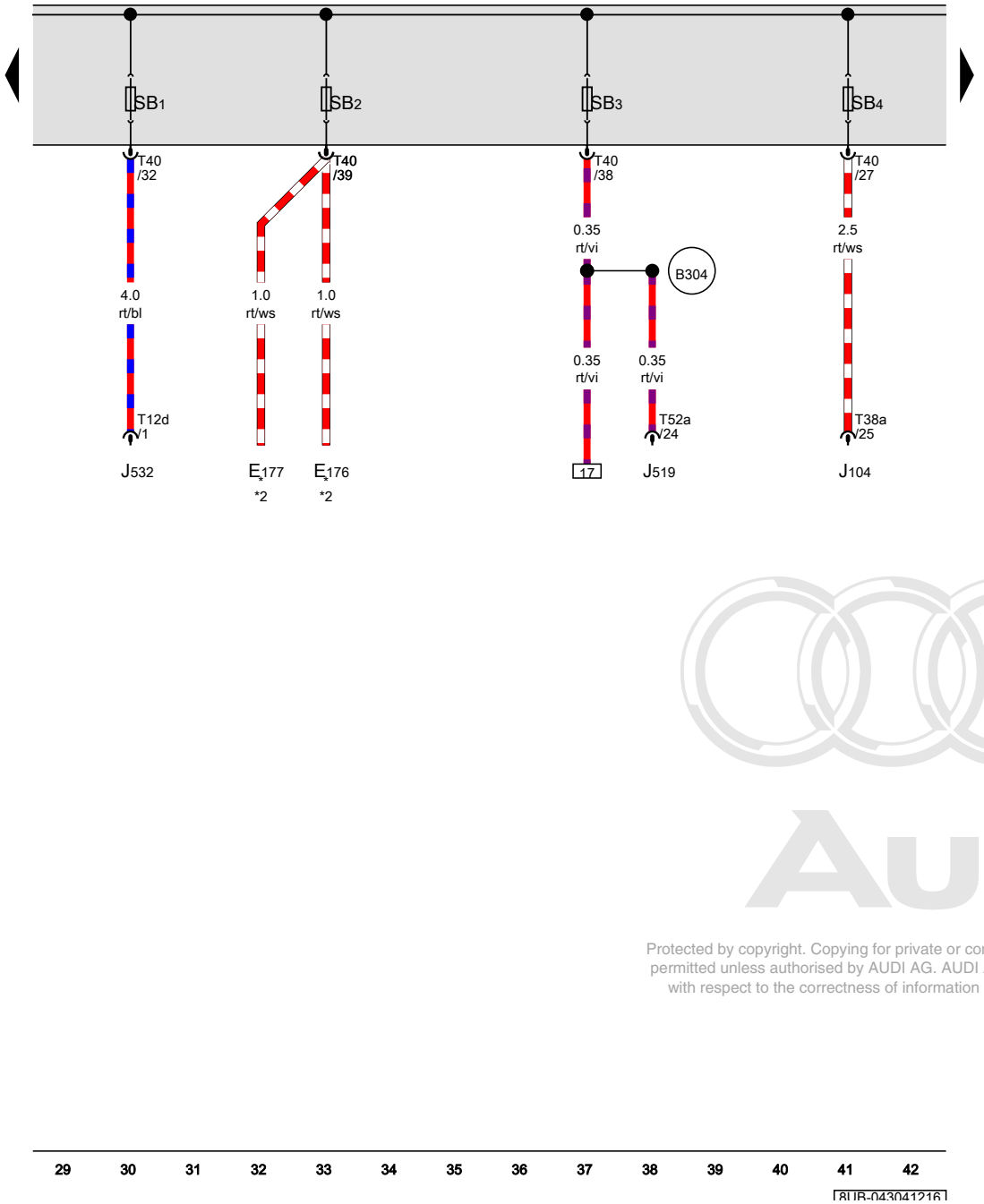
Battery, Starter, Battery monitor control unit, Starter relay 2

A	Battery
B	Starter
J367	Battery monitor control unit
J907	Starter relay 2
T2	2-pin connector
B276	Positive connection (50), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	see applicable current flow diagram for battery in engine compartment



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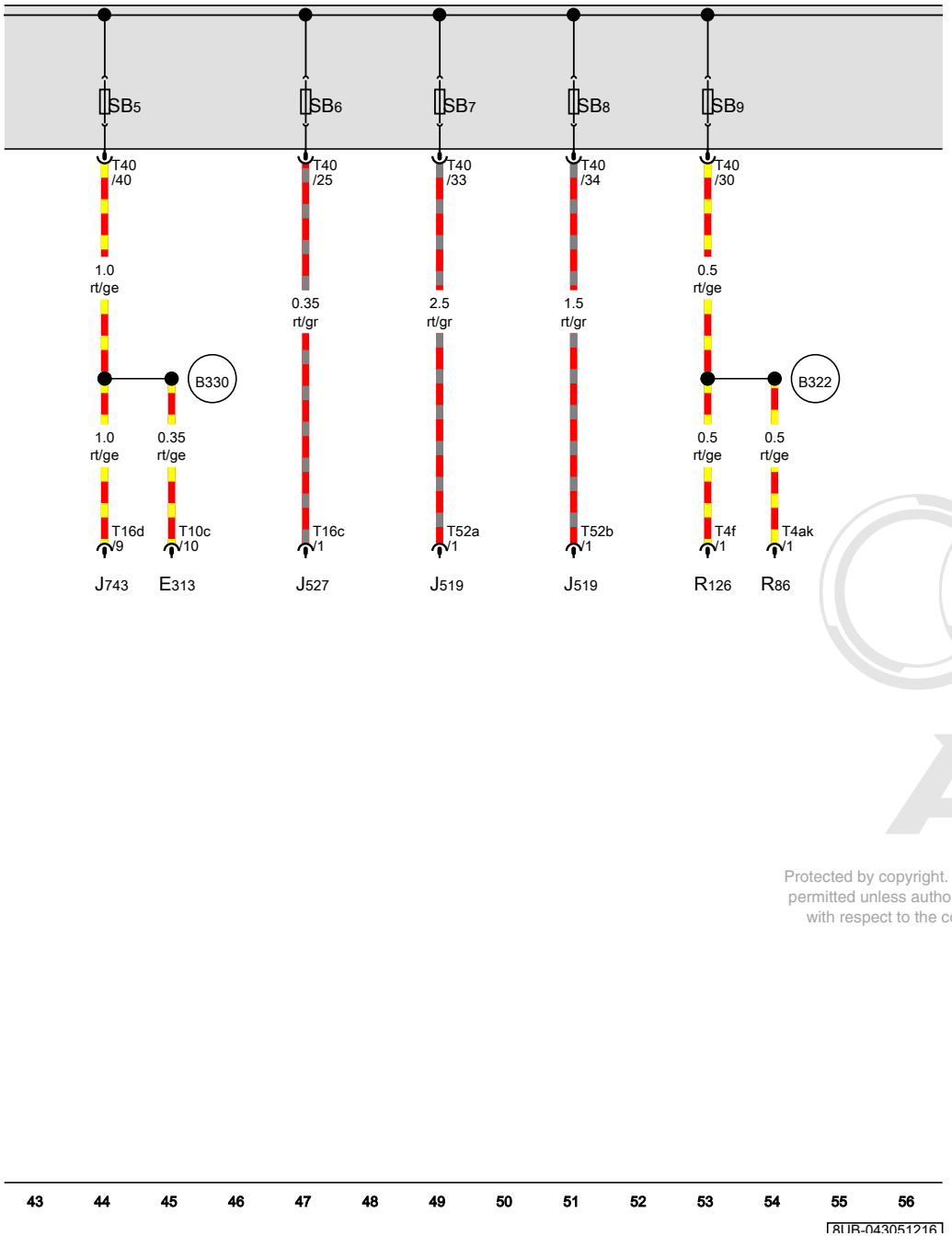


Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 3 on fuse holder B, Fuse 4 on fuse holder B

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J104	ABS control unit
J519	Onboard supply control unit
J532	Voltage stabiliser
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
T12d	12-pin connector
T38a	38-pin connector
T40	40-pin connector
T52a	52-pin connector
B304	Positive connection 8 (30), in main wiring harness
*	Only models with adjustable lumbar support
*2	see applicable current flow diagram

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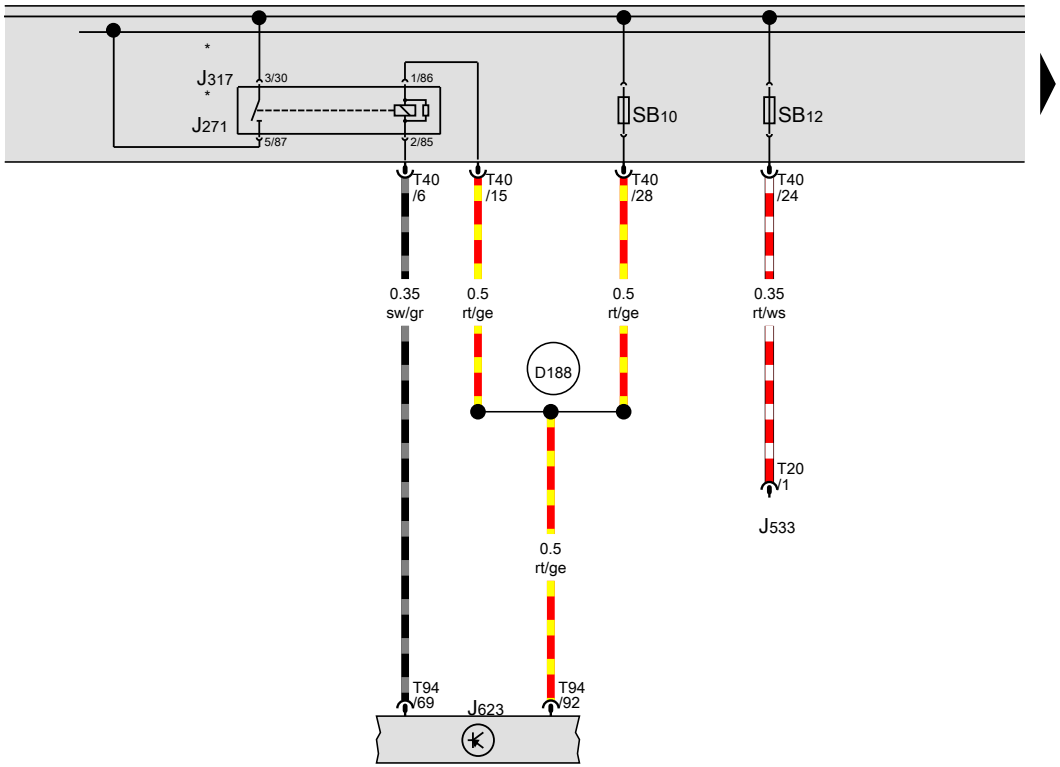


Fuse 5 on fuse holder B, Fuse 6 on fuse holder B, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B, Fuse 9 on fuse holder B

E313	Selector lever
J519	Onboard supply control unit
J527	Steering column electronics control unit
J743	Mechatronic unit for dual clutch gearbox
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
T4ak	4-pin connector
T4f	4-pin connector
T10c	10-pin connector
T16c	16-pin connector
T16d	16-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
B322	Positive connection 8 (30a) in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness

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or	=	orange
rs	=	pink



Main relay, Terminal 30 voltage supply relay, Fuse 10 on fuse holder B, Fuse 12 on fuse holder B

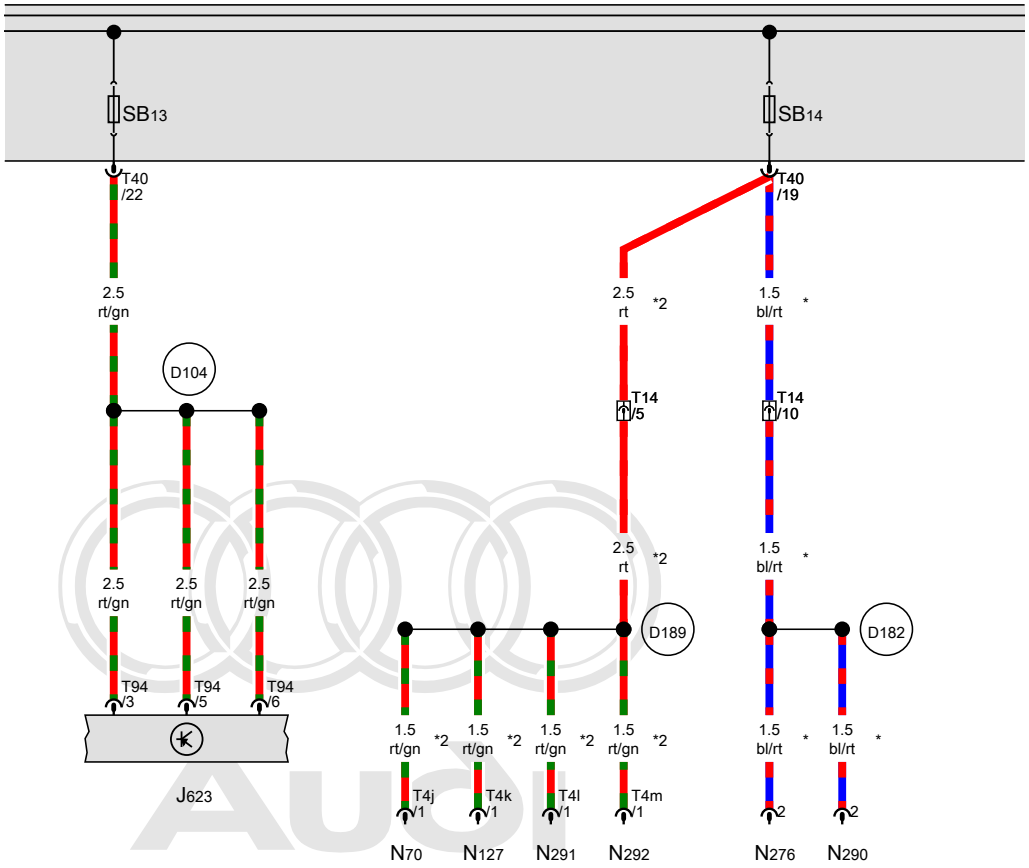
J271	Main relay
J317	Terminal 30 voltage supply relay
J533	Data bus diagnostic interface
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
SB12	Fuse 12 on fuse holder B
T20	20-pin connector
T40	40-pin connector
T94	94-pin connector
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	According to equipment

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57 58 59 60 61 62 63 64 65 66 67 68 69 70

[8UB-043061216]

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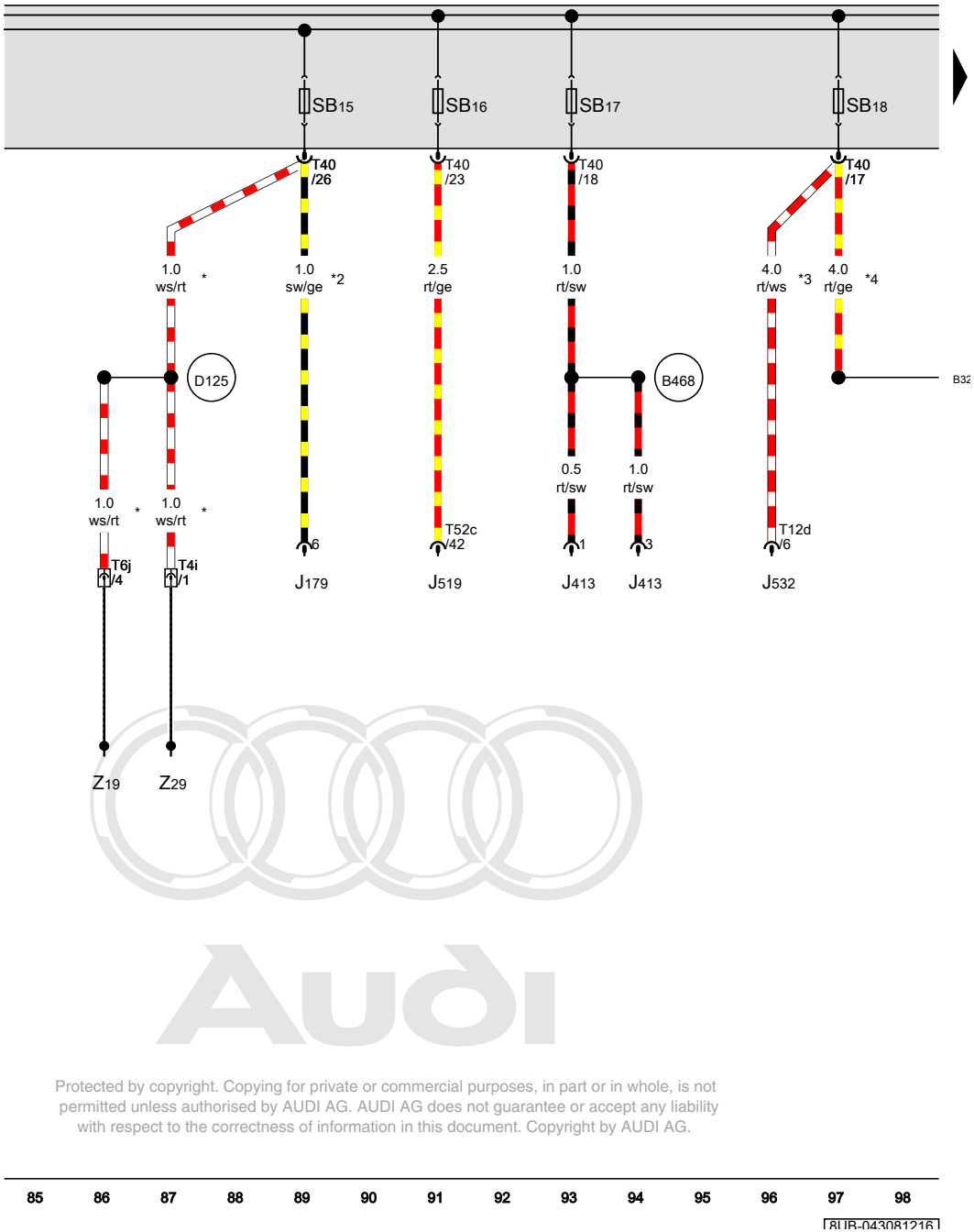
71 72 73 74 75 76 77 78 79 80 81 82 83 84

[8UB-043071216]

Fuse 13 on fuse holder B, Fuse 14 on fuse holder B

J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T4j	4-pin connector
T4k	4-pin connector
T4l	4-pin connector
T4m	4-pin connector
T14	14-pin connector
T40	40-pin connector
T94	94-pin connector
D104	Positive connection 2 (30a), in engine compartment wiring harness
D182	Connection 3 (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	Only models with diesel engine
*2	Only models with petrol engine

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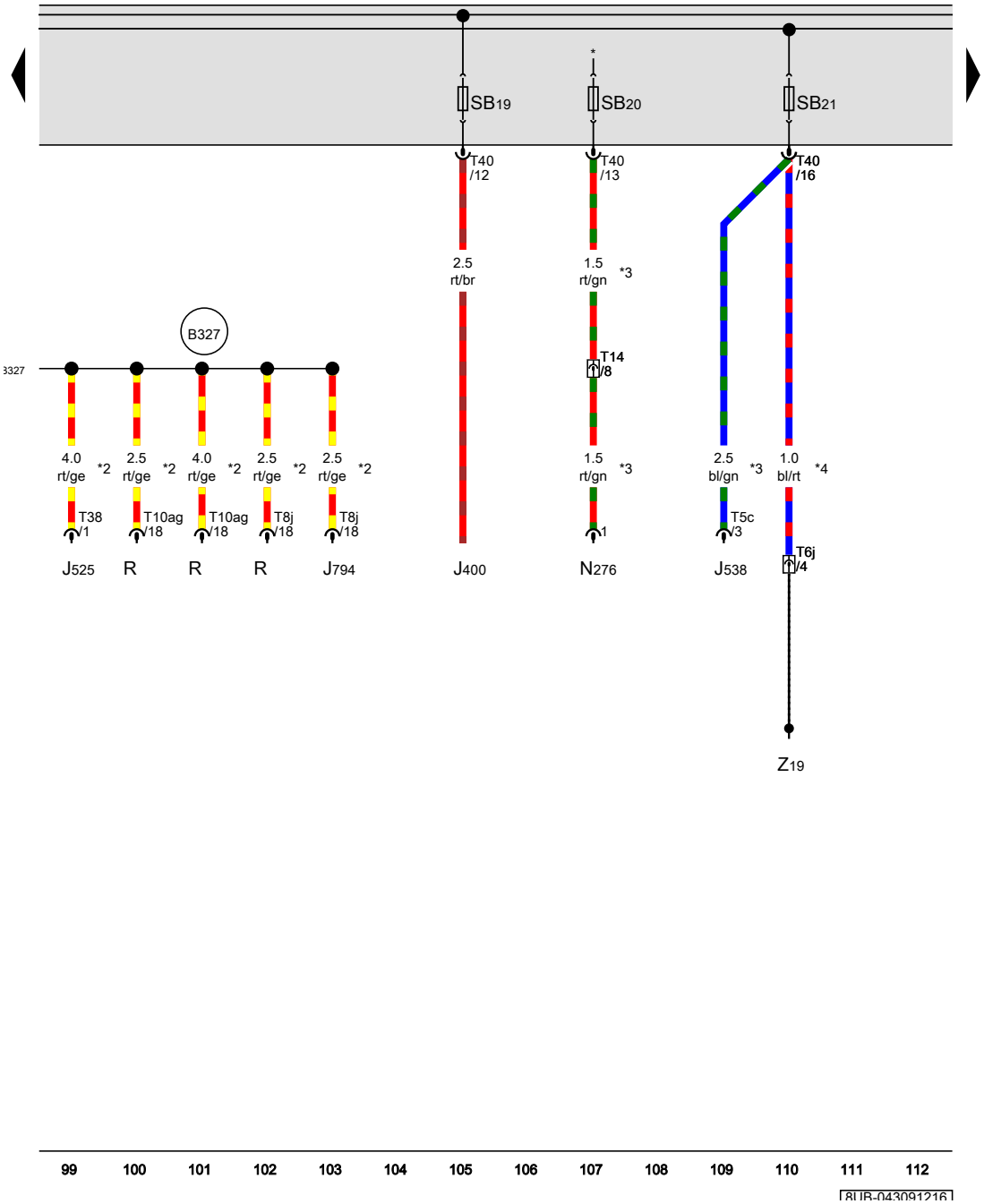
85 86 87 88 89 90 91 92 93 94 95 96 97 98

[8UB-043081216]

Fuse 15 on fuse holder B, Fuse 16 on fuse holder B, Fuse 17 on fuse holder B, Fuse 18 on fuse holder B

J179	Automatic glow period control unit
J413	Horn relay
J519	Onboard supply control unit
J532	Voltage stabiliser
SB15	Fuse 15 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
T4i	4-pin connector
T6j	6-pin connector
T12d	12-pin connector
T40	40-pin connector
T52c	52-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B327	Positive connection 13 (30a) in main wiring harness
B468	Connection 4, in main wiring harness
D125	Connection 23 in engine compartment wiring harness
*	Only models with petrol engine
*2	Only models with diesel engine
*3	Only models with start/stop system
*4	Only models with no start/stop system

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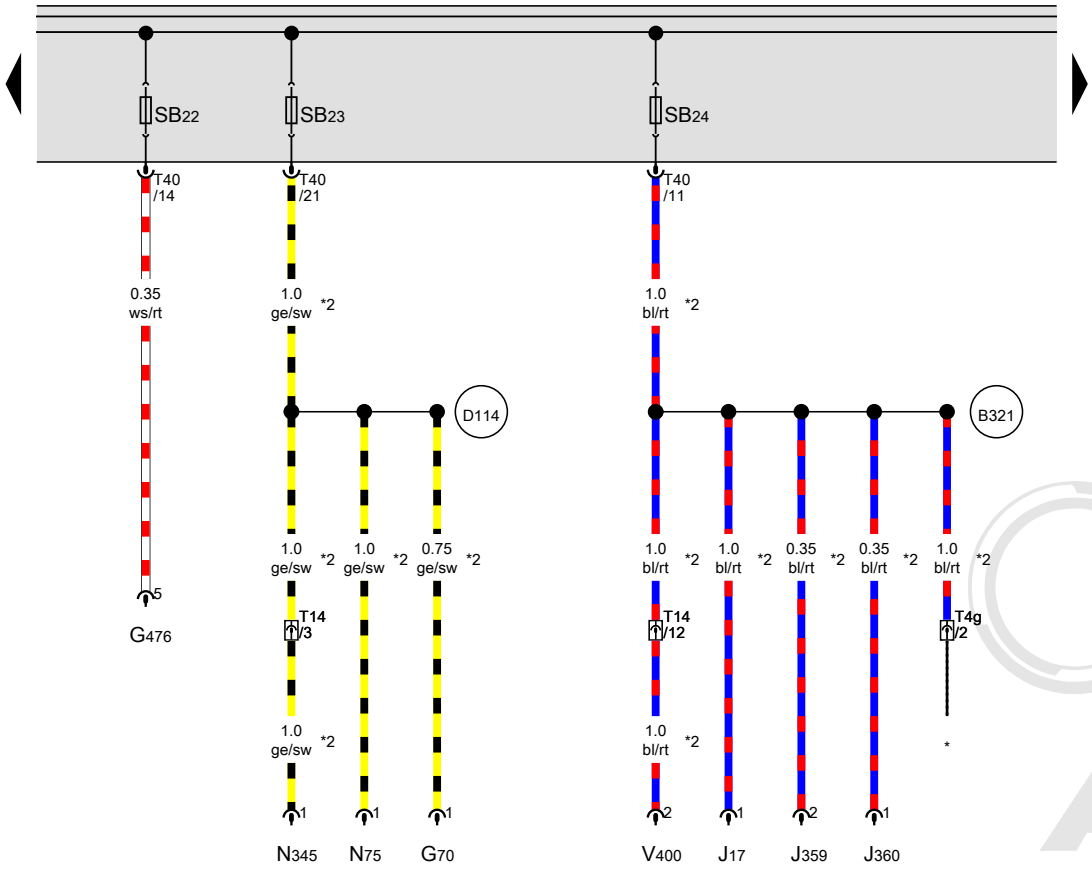


Fuse 19 on fuse holder B, Fuse 20 on fuse holder B, Fuse 21 on fuse holder B

J400	Wiper motor control unit
J525	Digital sound package control unit
J538	Fuel pump control unit
J794	Control unit 1 for information electronics
N276	Fuel pressure regulating valve
R	Radio
SB19	Fuse 19 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB21	Fuse 21 on fuse holder B
T5c	5-pin connector
T6j	6-pin connector
T8j	8-pin connector
T10ag	10-pin connector
T14	14-pin connector
T38	38-pin connector
T40	40-pin connector
Z19	Lambda probe heater
B327	Positive connection 13 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	Only models with petrol engine
*4	Only models with diesel engine

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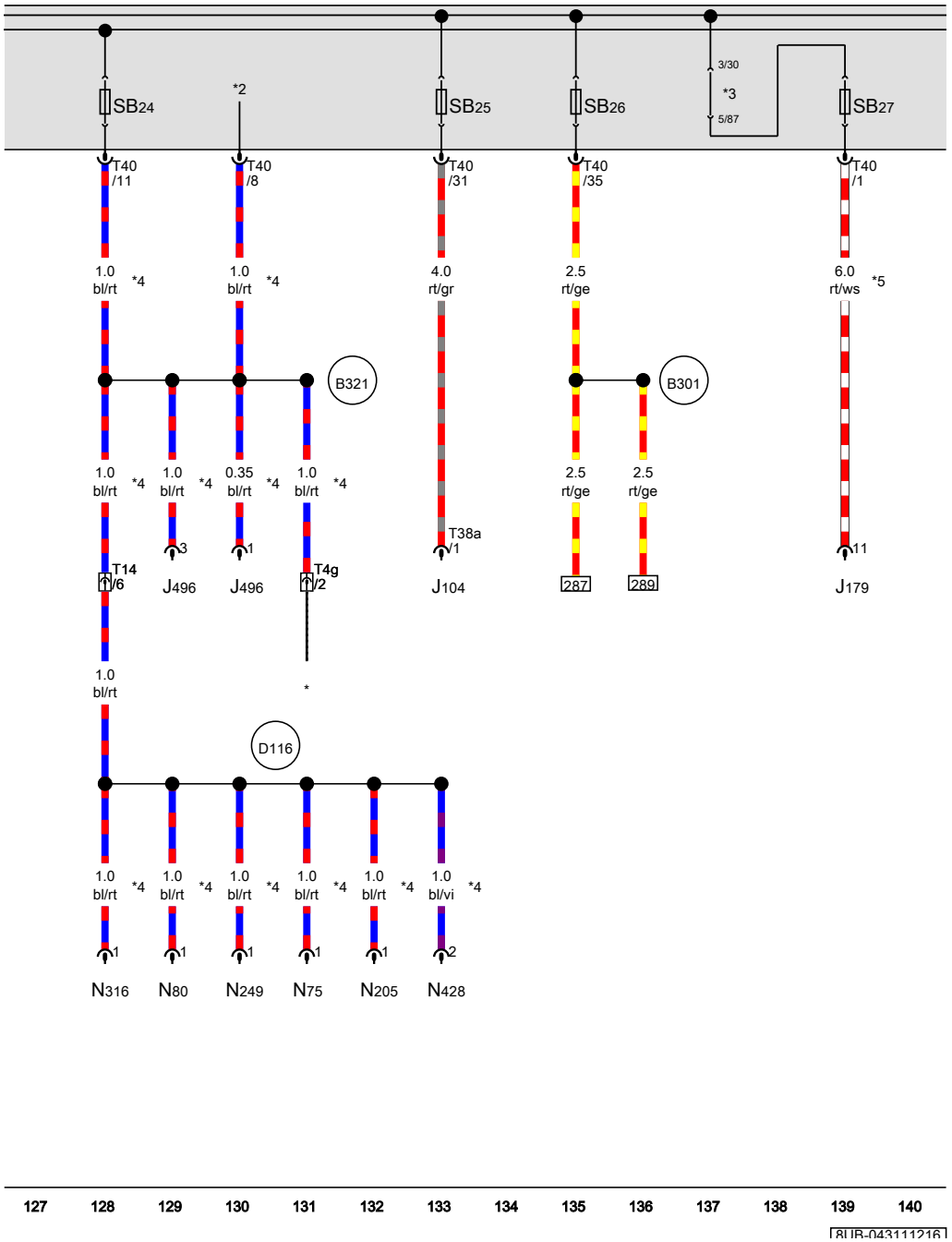


Fuse 22 on fuse holder B, Fuse 23 on fuse holder B, Fuse 24 on fuse holder B

G70	Air mass meter
G476	Clutch position sender
J17	Fuel pump relay
J359	Low heat output relay
J360	High heat output relay
N75	Charge pressure control solenoid valve
N345	Exhaust gas recirculation cooler changeover valve
SB22	Fuse 22 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4g	4-pin connector
T14	14-pin connector
T40	40-pin connector
V400	Pump for exhaust gas recirculation cooler
B321	Positive connection 7 (30a) in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	Only models with diesel engine

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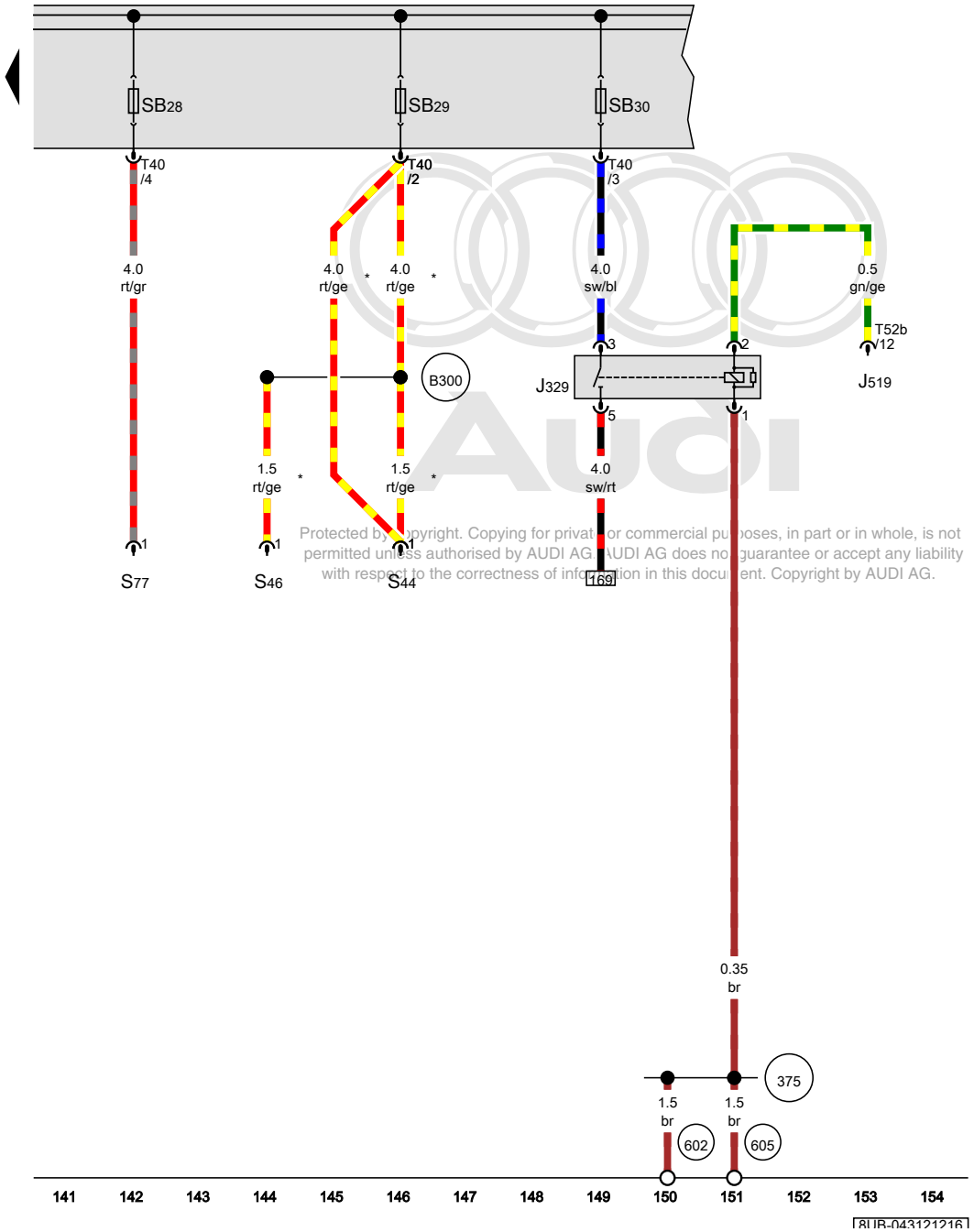


Fuse 24 on fuse holder B, Fuse 25 on fuse holder B, Fuse 26 on fuse holder B, Fuse 27 on fuse holder B

J104	ABS control unit
J179	Automatic glow period control unit
J496	Additional coolant pump relay
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
SB24	Fuse 24 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
T4g	4-pin connector
T14	14-pin connector
T38a	38-pin connector
T40	40-pin connector
B301	Positive connection 5 (30), in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D116	Connection 14 in engine compartment wiring harness
*	see applicable current flow diagram for radiator fan
*2	see applicable current flow diagram for engine
*3	Contact bridge, only models with diesel engine
*4	Only models with petrol engine
*5	Only models with diesel engine

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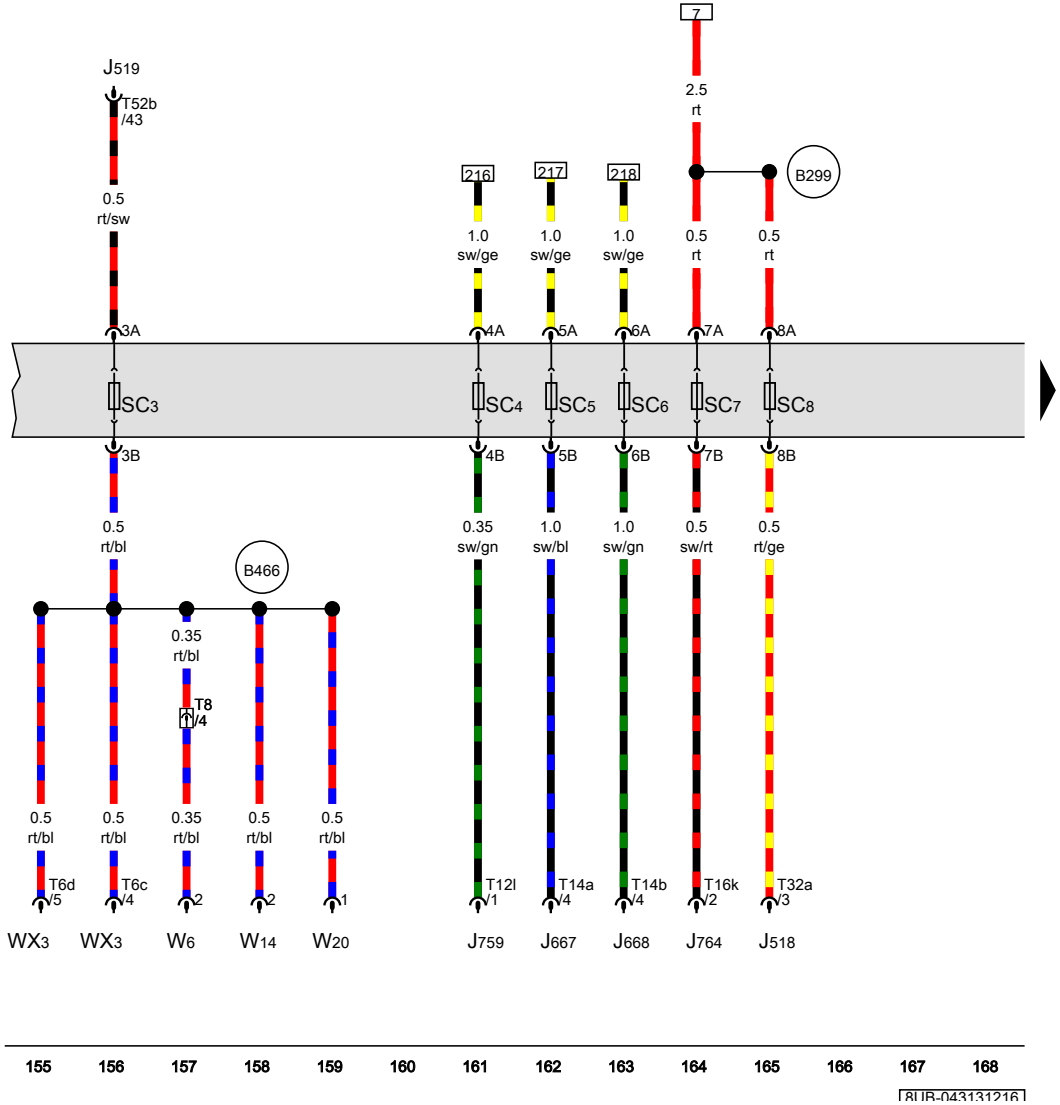


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Terminal 15 voltage supply relay, Fuse 28 on fuse holder B, Fuse 29 on fuse holder B, Fuse 30 on fuse holder B

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
SB30	Fuse 30 on fuse holder B
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S77	Terminal 30 fuse, trailer towing attachment
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B300	Positive connection 4 (30), in main wiring harness
*	According to equipment

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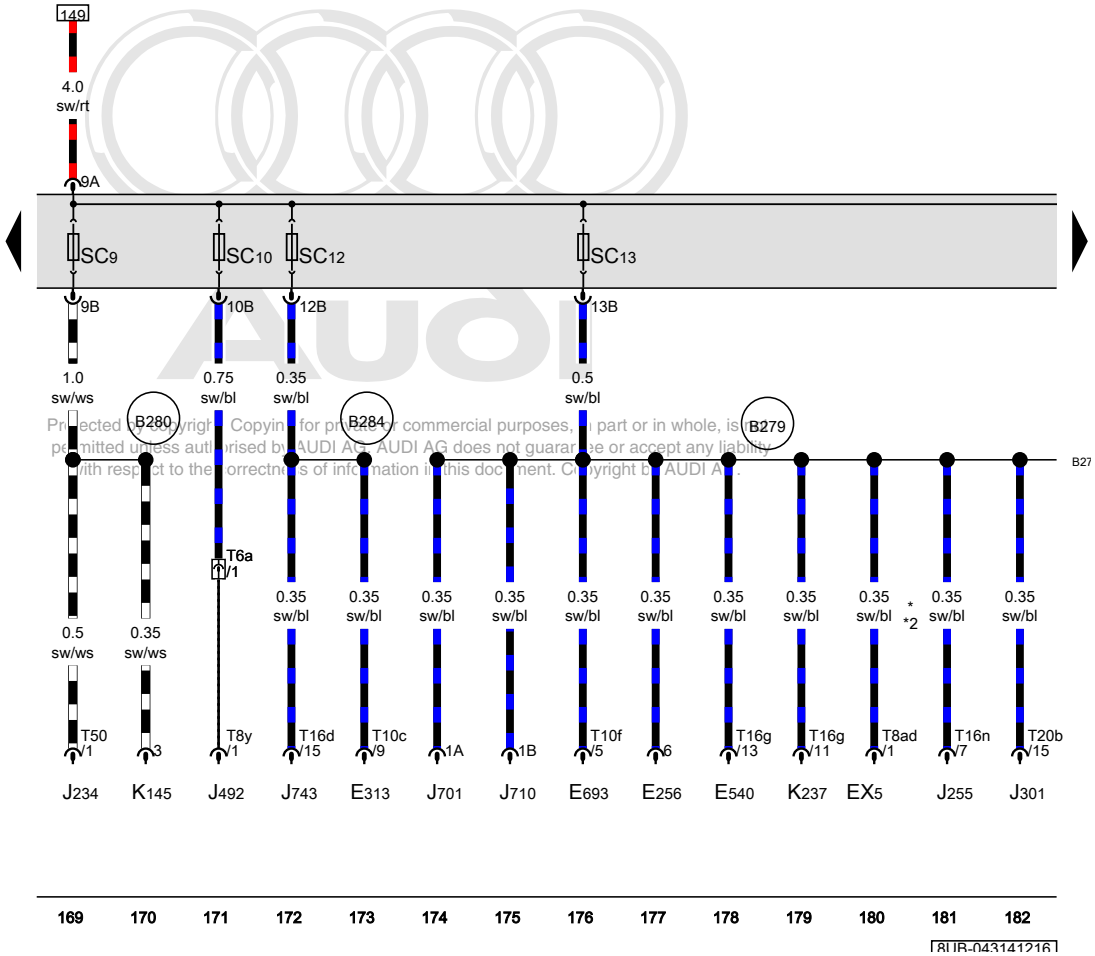
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Fuse 3 on fuse holder C, Fuse 4 on fuse holder C, Fuse 5 on fuse holder C, Fuse 6 on fuse holder C, Fuse 7 on fuse holder C, Fuse 8 on fuse holder C

J518	Entry and start authorisation control unit
J519	Onboard supply control unit
J667	Output module for left headlight
J668	Output module for right headlight
J759	Lane departure warning control unit
J764	Control unit for electronic steering column lock
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
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
T6c	6-pin connector
T6d	6-pin connector
T8	8-pin connector
T12l	12-pin connector
T14a	14-pin connector
T14b	14-pin connector
T16k	16-pin connector
T32a	32-pin connector
T52b	52-pin connector
WX3	Front roof module
W6	Glove compartment light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
B299	Positive connection 3 (30), in main wiring harness
B466	Connection 2, in main wiring harness

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Fuse 9 on fuse holder C, Fuse 10 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C

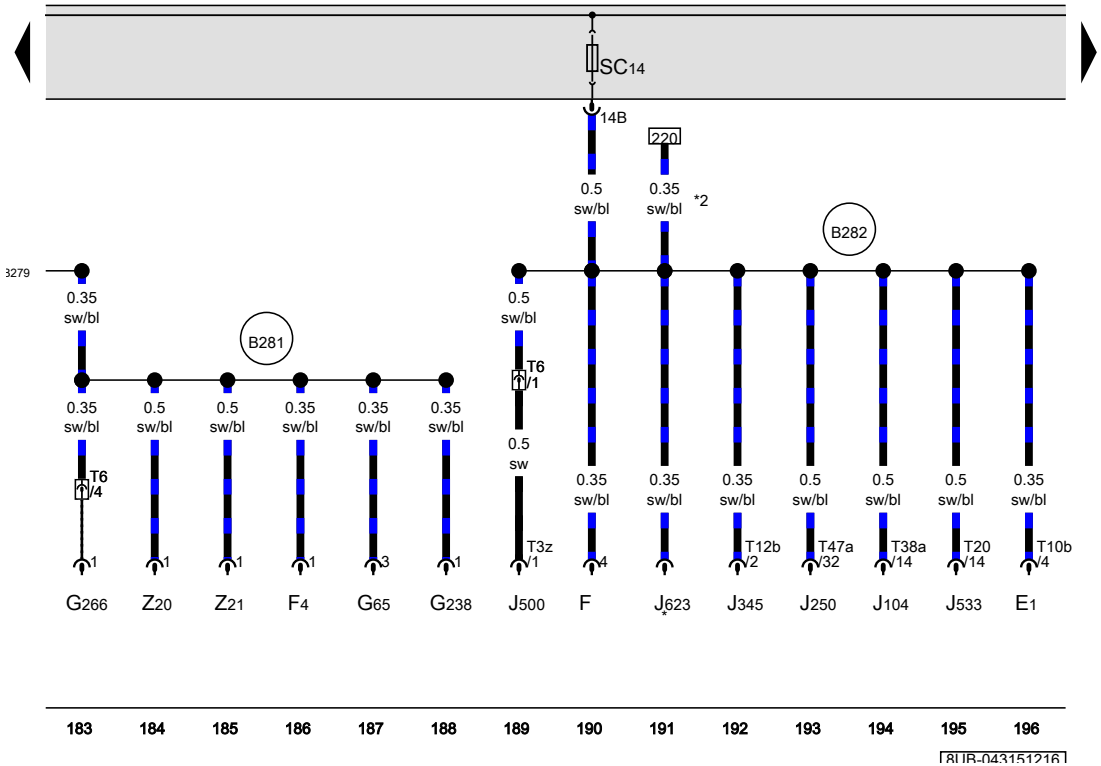


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EX5	Interior mirror
E256	Button for TCS and electronic stabilisation program
E313	Selector lever
E540	Auto-hold button
E693	Start/Stop operation button
J234	Airbag control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J492	All-wheel drive control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
J743	Mechatronic unit for dual clutch gearbox
K145	Front passenger side airbag deactivated warning lamp
K237	Auto-hold warning lamp
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T6a	6-pin connector
T8ad	8-pin connector
T8y	8-pin connector
T10c	10-pin connector
T10f	10-pin connector
T16d	16-pin connector
T16g	16-pin connector
T16n	16-pin connector
T20b	20-pin connector
T50	50-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B280	Positive connection 4 (15a) in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	Only models with no start/stop system
*2	see applicable current flow diagram

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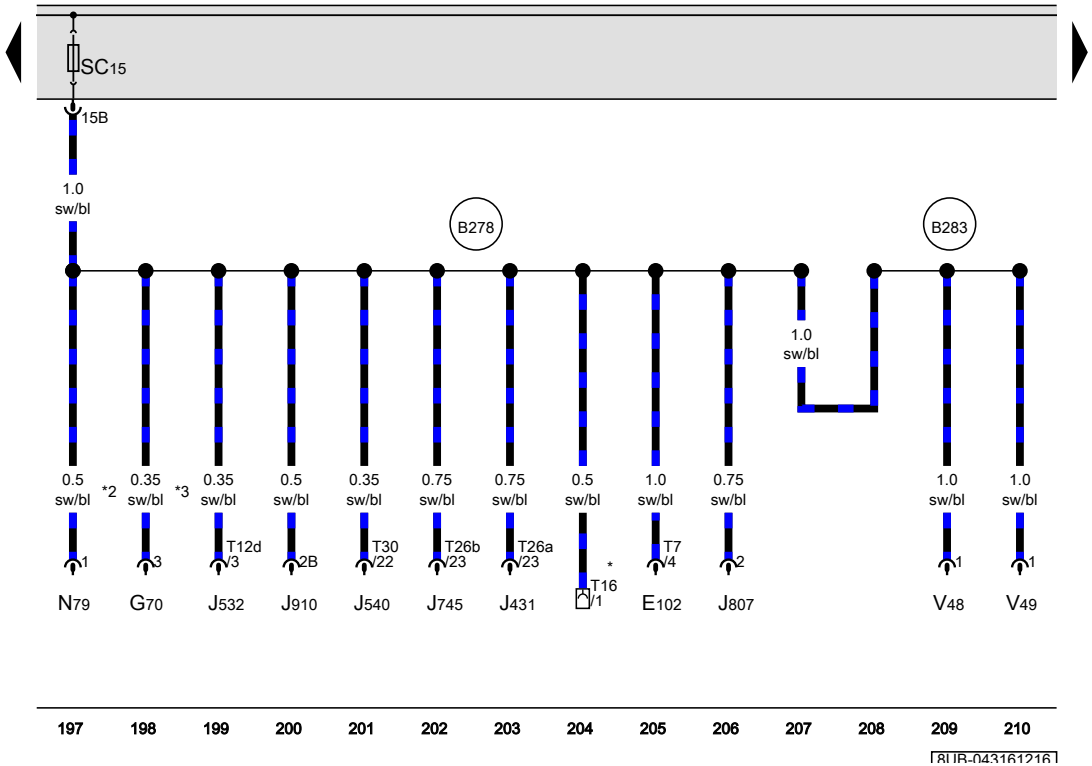
Fuse 14 on fuse holder C

E1	Light switch
F	Brake light switch
F4	Reversing light switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
J104	ABS control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
J623	Engine control unit
SC14	Fuse 14 on fuse holder C
T3z	3-pin connector
T6	6-pin connector
T10b	10-pin connector
T12b	12-pin connector
T20	20-pin connector
T38a	38-pin connector
T47a	47-pin connector
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B279	Positive connection 3 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram for engine
*2	gradual introduction

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or	=	orange
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Fuse 15 on fuse holder C

E102	Headlight range control regulator
G70	Air mass meter
J431	Headlight range control unit
J532	Voltage stabiliser
J540	Control unit for electromechanical parking brake
J745	Control unit for cornering light and headlight range control
J807	Relay for power sockets
J910	Relay for automatic anti-dazzle interior mirror
N79	Heater element for crankcase breather
SC15	Fuse 15 on fuse holder C
T7	7-pin connector
T12d	12-pin connector
T16	16-pin connector
T26a	26-pin connector
T26b	26-pin connector
T30	30-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	Diagnostic connection
*2	Only models with diesel engine
*3	Only models with petrol engine

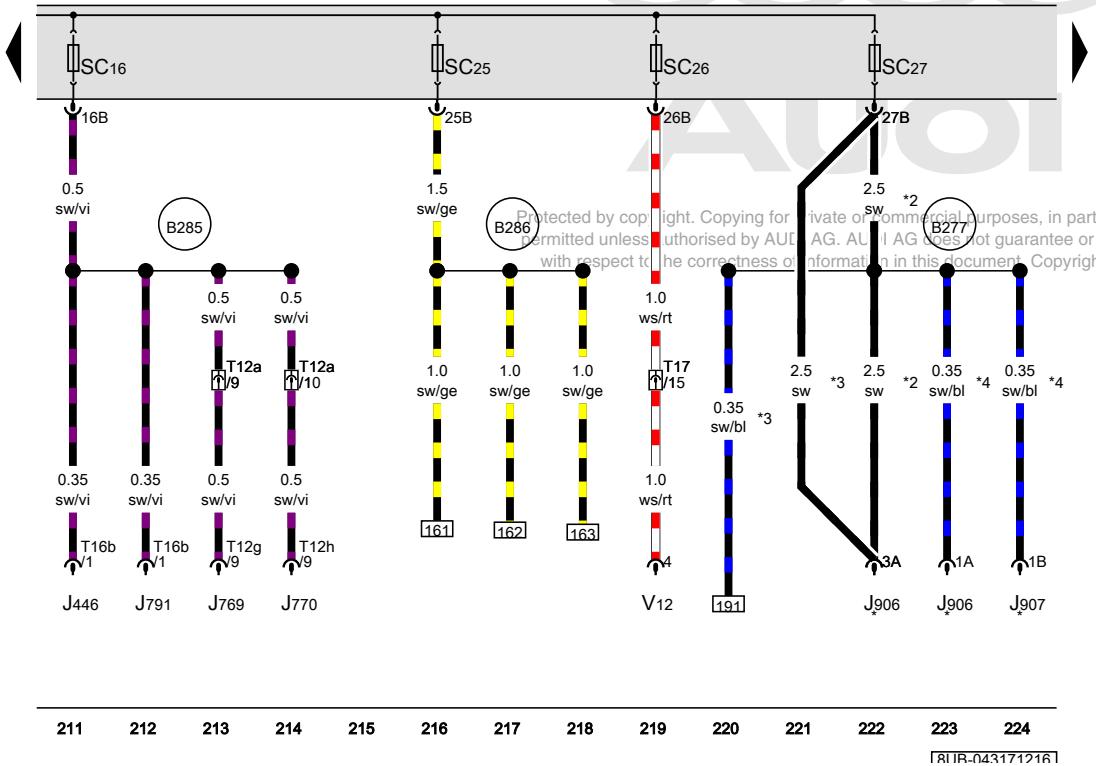


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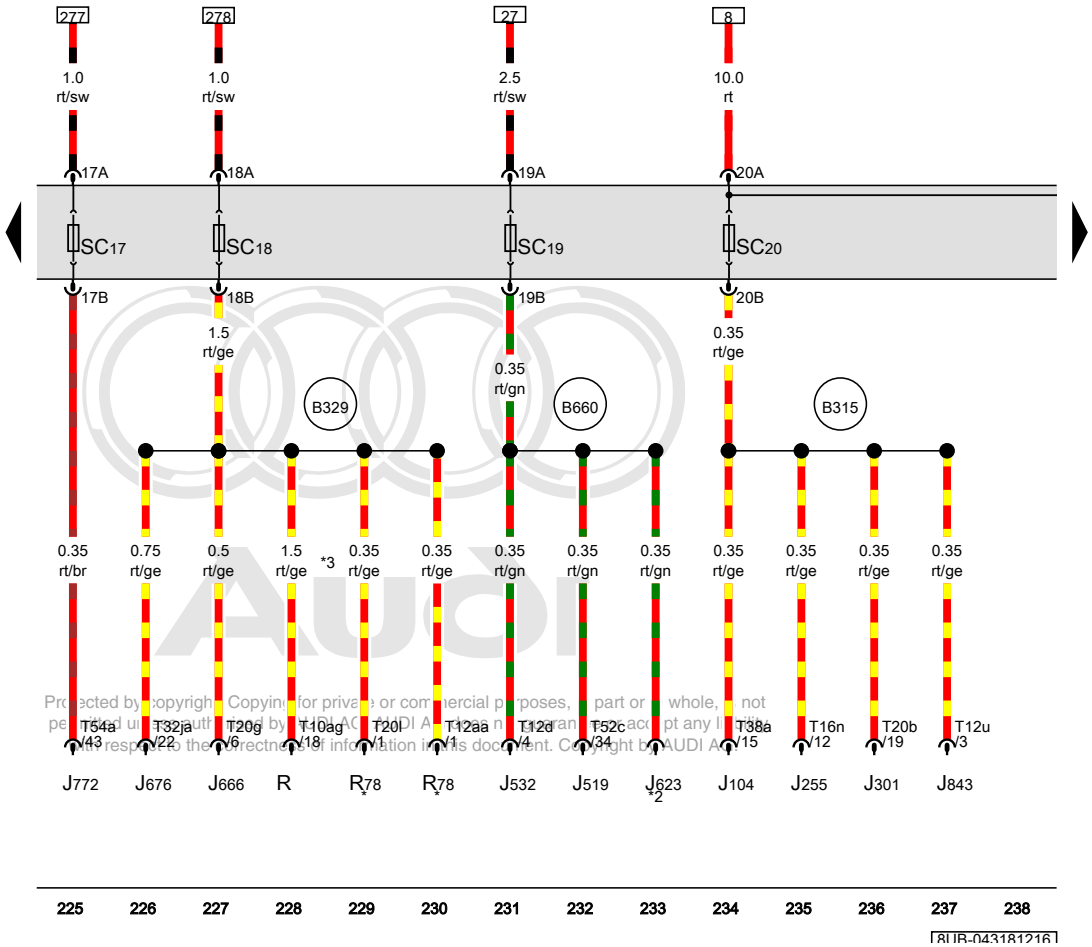
Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

J446	Parking aid control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J791	Park assist steering control unit
J906	Starter relay 1
J907	Starter relay 2
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T12a	12-pin connector
T12g	12-pin connector
T12h	12-pin connector
T16b	16-pin connector
T17	17-pin connector
V12	Rear window wiper motor
B277	Positive connection 1 (15a) in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B286	Positive connection 10 (15a) in main wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Gradually discontinued
*3	gradual introduction
*4	Wiring colour depends on equipment



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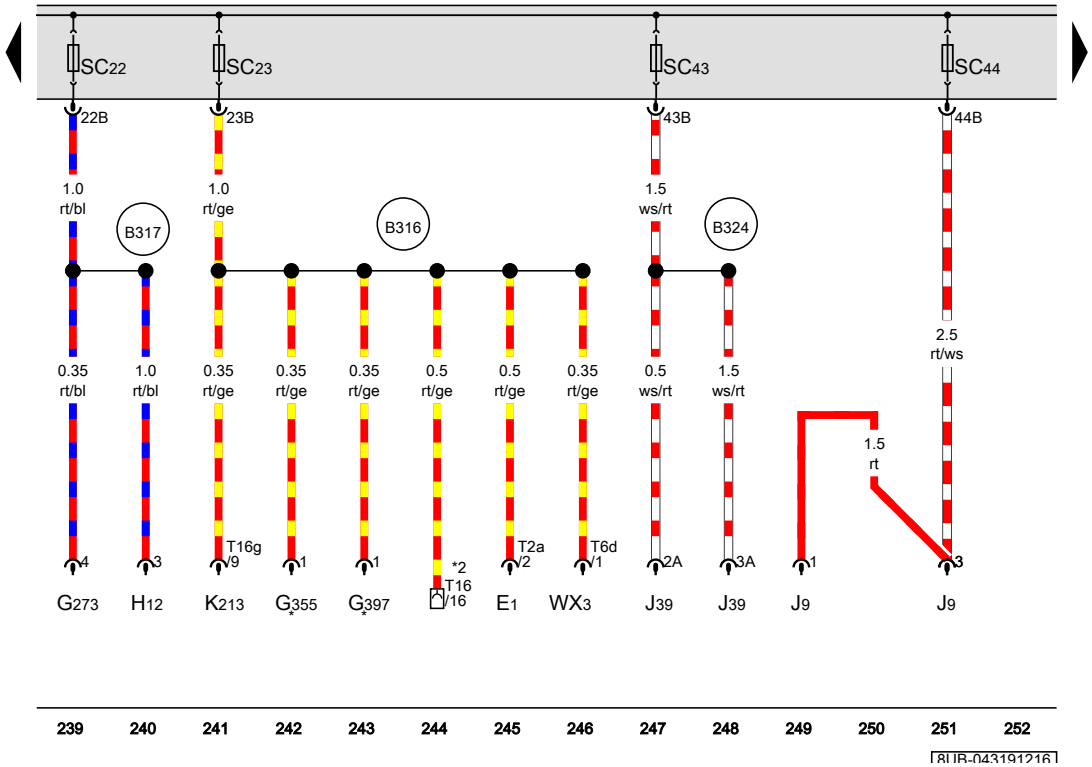
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Fuse 17 on fuse holder C, Fuse 18 on fuse holder C, Fuse 19 on fuse holder C, Fuse 20 on fuse holder C

J104	ABS control unit
J255	Climatronic control unit
J301	Air conditioning system control unit
J519	Onboard supply control unit
J532	Voltage stabiliser
J623	Engine control unit
J666	Internet access control unit
J676	Chip card reader control unit
J772	Reversing camera system control unit
J843	Interface control unit for vehicle location system
R	Radio
R78	TV tuner
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T10ag	10-pin connector
T12aa	12-pin connector
T12d	12-pin connector
T12u	12-pin connector
T16n	16-pin connector
T20b	20-pin connector
T20g	20-pin connector
T20l	20-pin connector
T32ja	32-pin connector
T38a	38-pin connector
T52c	52-pin connector
T54a	54-pin connector
B315	Positive connection 1 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine
*3	Only models with MMI

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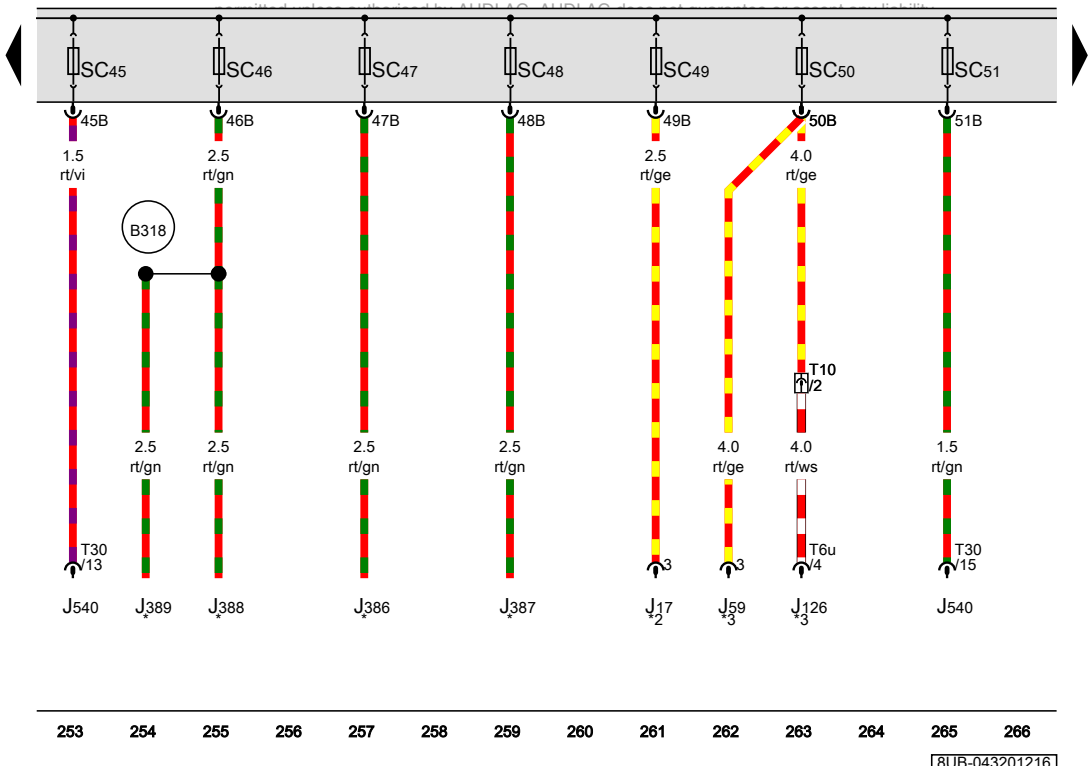


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Fuse 22 on fuse holder C, Fuse 23 on fuse holder C, Fuse 43 on fuse holder C, Fuse 44 on fuse holder C

E1	Light switch
G273	Interior monitoring sensor
G355	Humidity sender
G397	Rain and light sensor
H12	Alarm horn
J9	Heated rear window relay
J39	Headlight washer system relay
K213	Electromechanical parking brake warning lamp
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
T2a	2-pin connector
T6d	6-pin connector
T16	16-pin connector
T16g	16-pin connector
WX3	Front roof module
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	According to equipment
*2	Diagnostic connection

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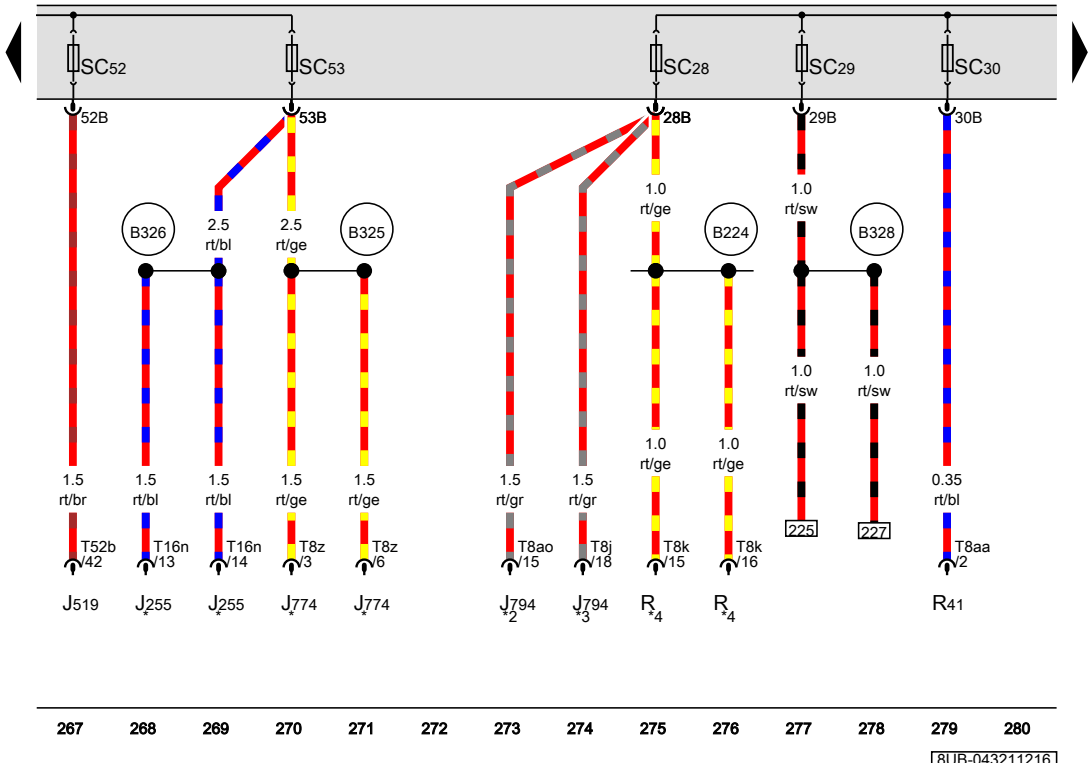


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Fuse 45 on fuse holder C, Fuse 46 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C, Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C

J17	Fuel pump relay
J59	X-contact relief relay
J126	Fresh air blower control unit
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J540	Control unit for electromechanical parking brake
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
T6u	6-pin connector
T10	10-pin connector
T30	30-pin connector
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Only models with diesel engine
*3	According to equipment

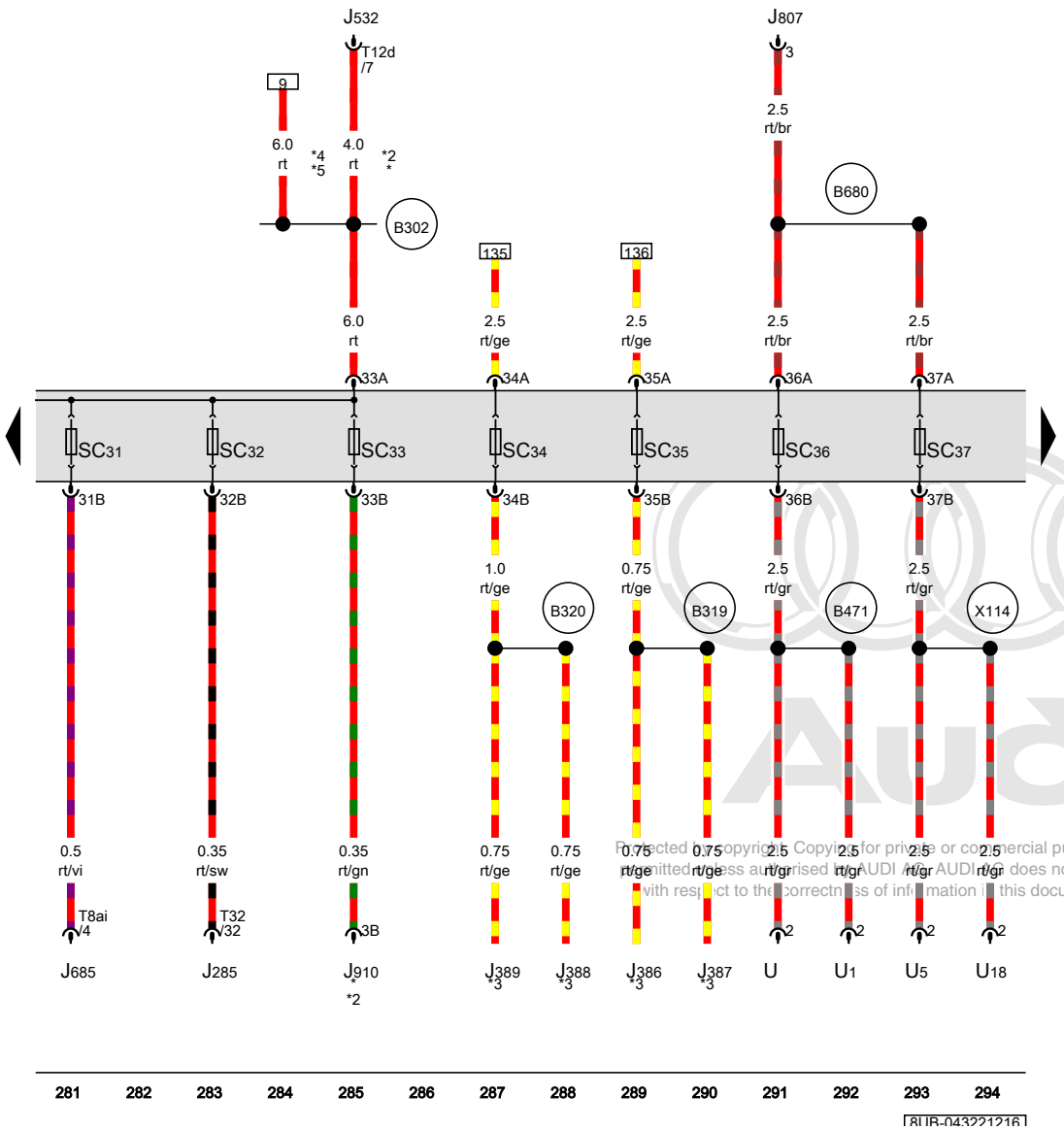
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Fuse 28 on fuse holder C, Fuse 29 on fuse holder C, Fuse 30 on fuse holder C, Fuse 52 on fuse holder C, Fuse 53 on fuse holder C

J255	Climatronic control unit
J519	Onboard supply control unit
J774	Heated front seats control unit
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8aa	8-pin connector
T8ao	8-pin connector
T8j	8-pin connector
T8k	8-pin connector
T8z	8-pin connector
T16n	16-pin connector
T52b	52-pin connector
B224	Connection 1 (radio), in interior wiring harness
B325	Positive connection 11 (30a) in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	According to equipment
*2	Only models with MMI
*3	Only models with radio concert
*4	Only models with radio chorus

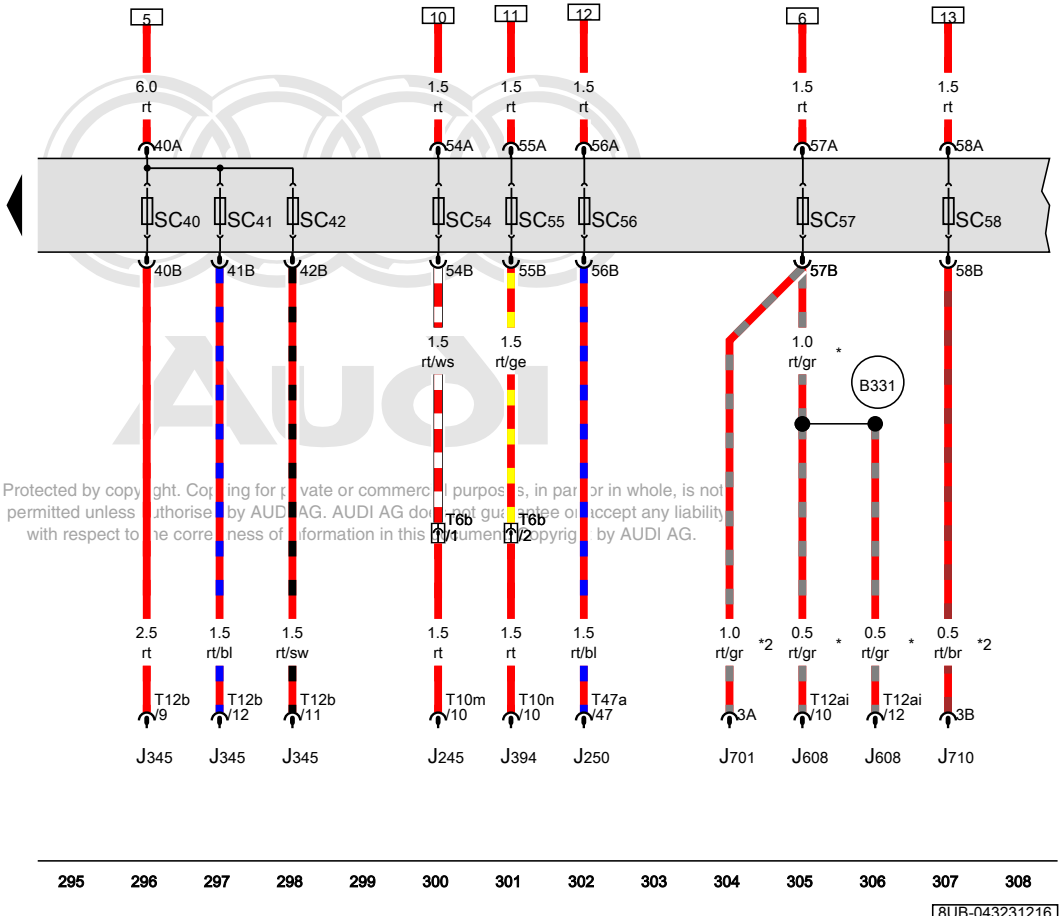


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Fuse 31 on fuse holder C, Fuse 32 on fuse holder C, Fuse 33 on fuse holder C, Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 37 on fuse holder C

J285	Control unit in dash panel insert
J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J532	Voltage stabiliser
J685	Display unit for front information display and operating unit control unit
J807	Relay for power sockets
J910	Relay for automatic anti-dazzle interior mirror
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T8ai	8-pin connector
T12d	12-pin connector
T32	32-pin connector
U	Electric socket
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
B302	Positive connection 6 (30), in main wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B471	Connection 7, in main wiring harness
B680	Connection (electric socket), in interior wiring harness
X114	Connection (electrical socket), in optional equipment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for battery in engine compartment
*3	see applicable current flow diagram for convenience system
*4	see applicable current flow diagram for basic equipment
*5	Only models with no start/stop system



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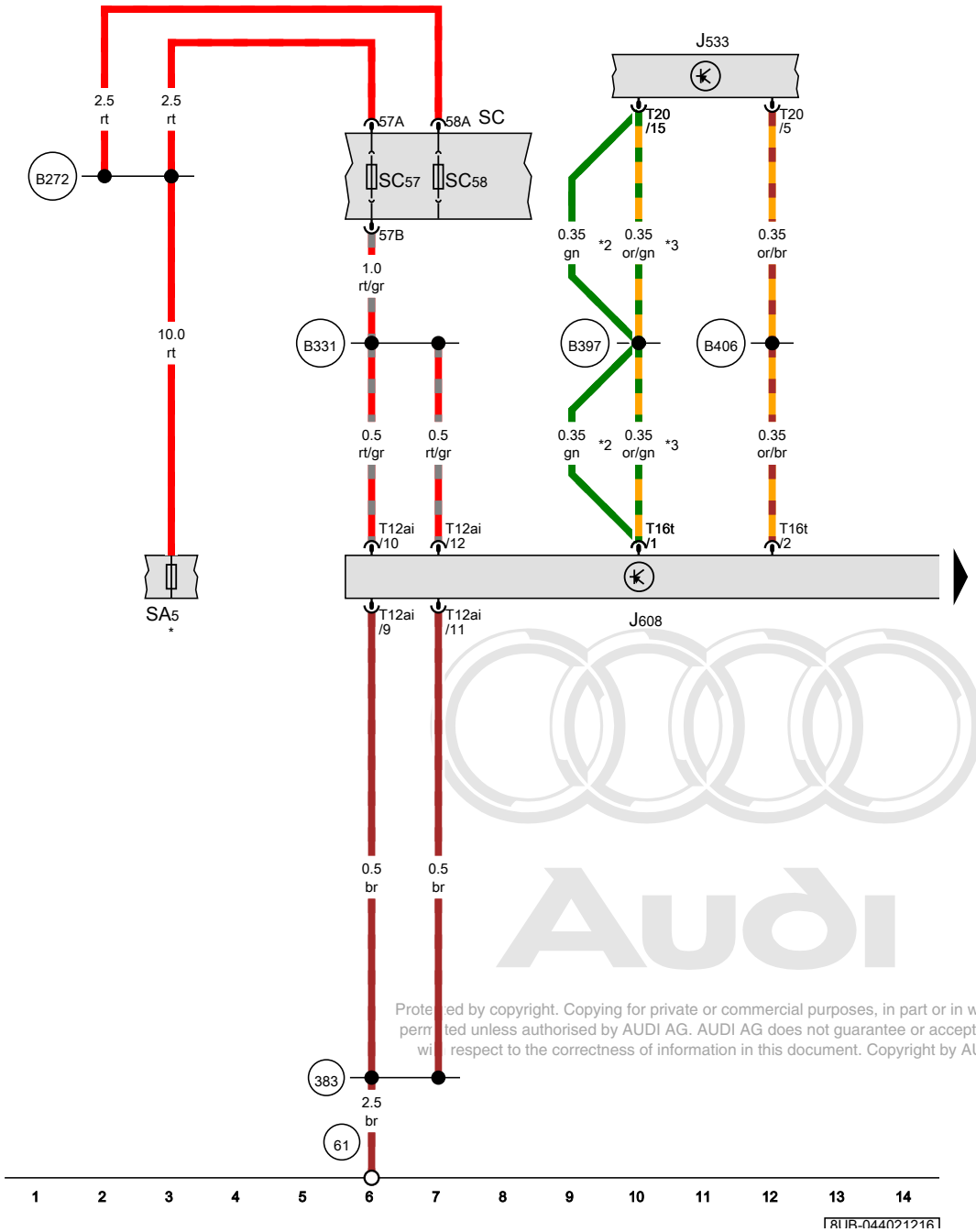
Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 42 on fuse holder C, Fuse 54 on fuse holder C, Fuse 55 on fuse holder C, Fuse 56 on fuse holder C, Fuse 57 on fuse holder C, Fuse 58 on fuse holder C

J245	Sliding sunroof adjustment control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J394	Sunroof roller blind control unit
J608	Special vehicle control unit
J701	Voltage supply relay 1
J710	Voltage supply relay 2
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T6b	6-pin connector
T10m	10-pin connector
T10n	10-pin connector
T12ai	12-pin connector
T12b	12-pin connector
T47a	47-pin connector
B331	Positive connection 17 (30a) in main wiring harness
*	Only models with special equipment, driving aids for disabled persons
*2	Only models with no special equipment, driving aids for disabled persons

Preparation for driving aids for disabled persons , (F6M)

From August 2011

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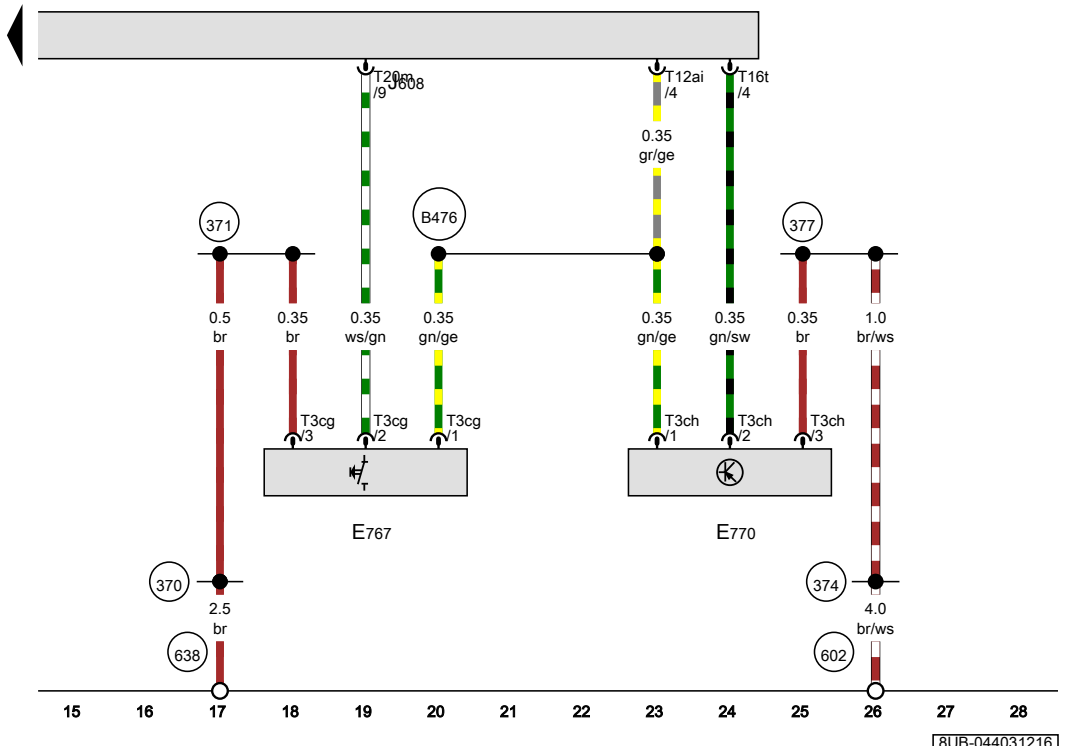


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Data bus diagnostic interface, Special vehicle control unit

J533	Data bus diagnostic interface
J608	Special vehicle control unit
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T12ai	12-pin connector
T16t	16-pin connector
T20	20-pin connector
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
B272	Positive connection (30), in main wiring harness
B331	Positive connection 17 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for battery
*2	From November 2016
*3	Up to October 2016



Button for driving aids for disabled persons, Operating unit for driving aids for disabled persons, Special vehicle control unit

E767	Button for driving aids for disabled persons, in front centre console
E770	Operating unit for driving aids for disabled persons, on left in dash panel
J608	Special vehicle control unit
T3cg	3-pin connector
T3ch	3-pin connector
T12ai	12-pin connector
T16t	16-pin connector
T20m	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B476	Connection 12, in main wiring harness

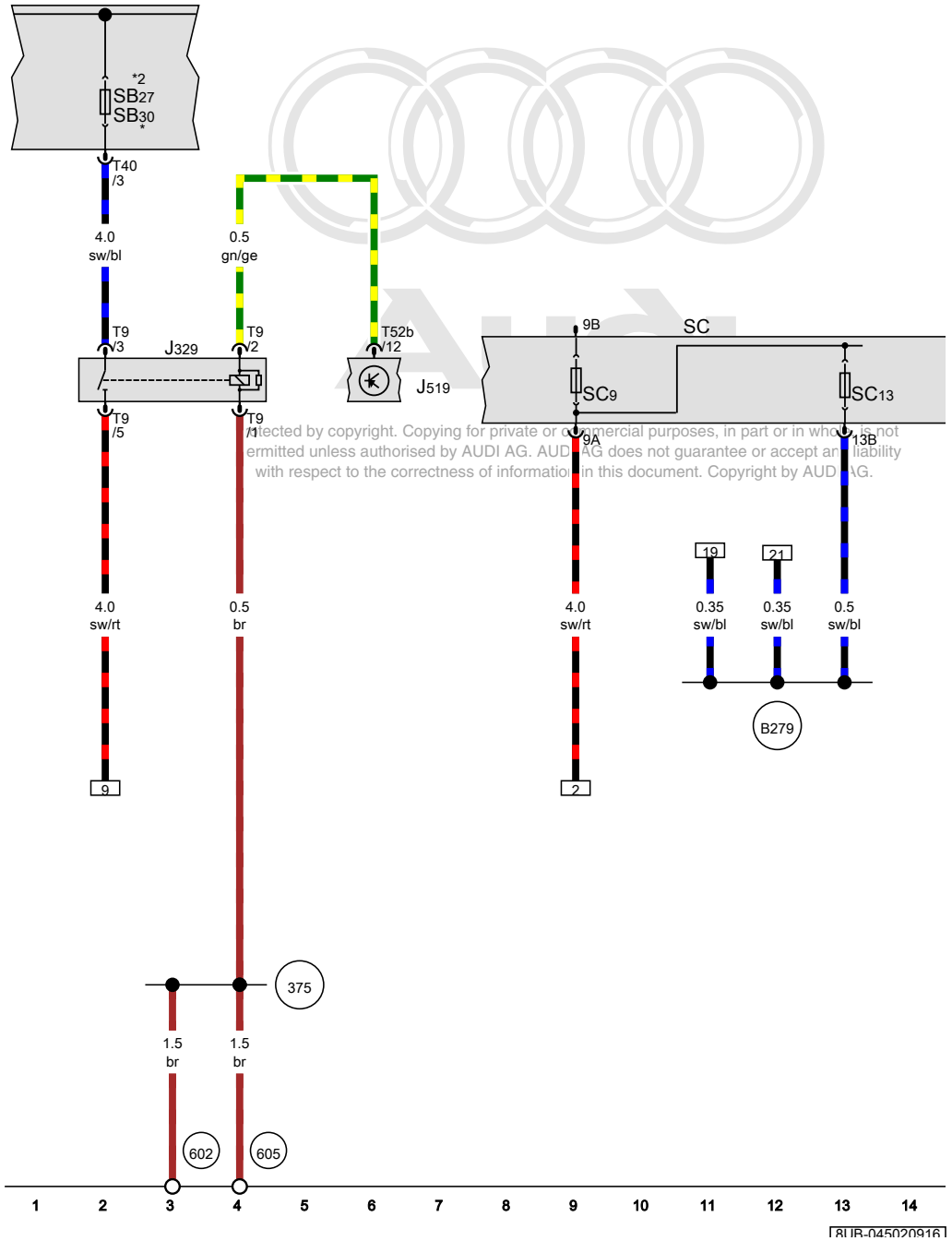
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Driving school , (F5F)

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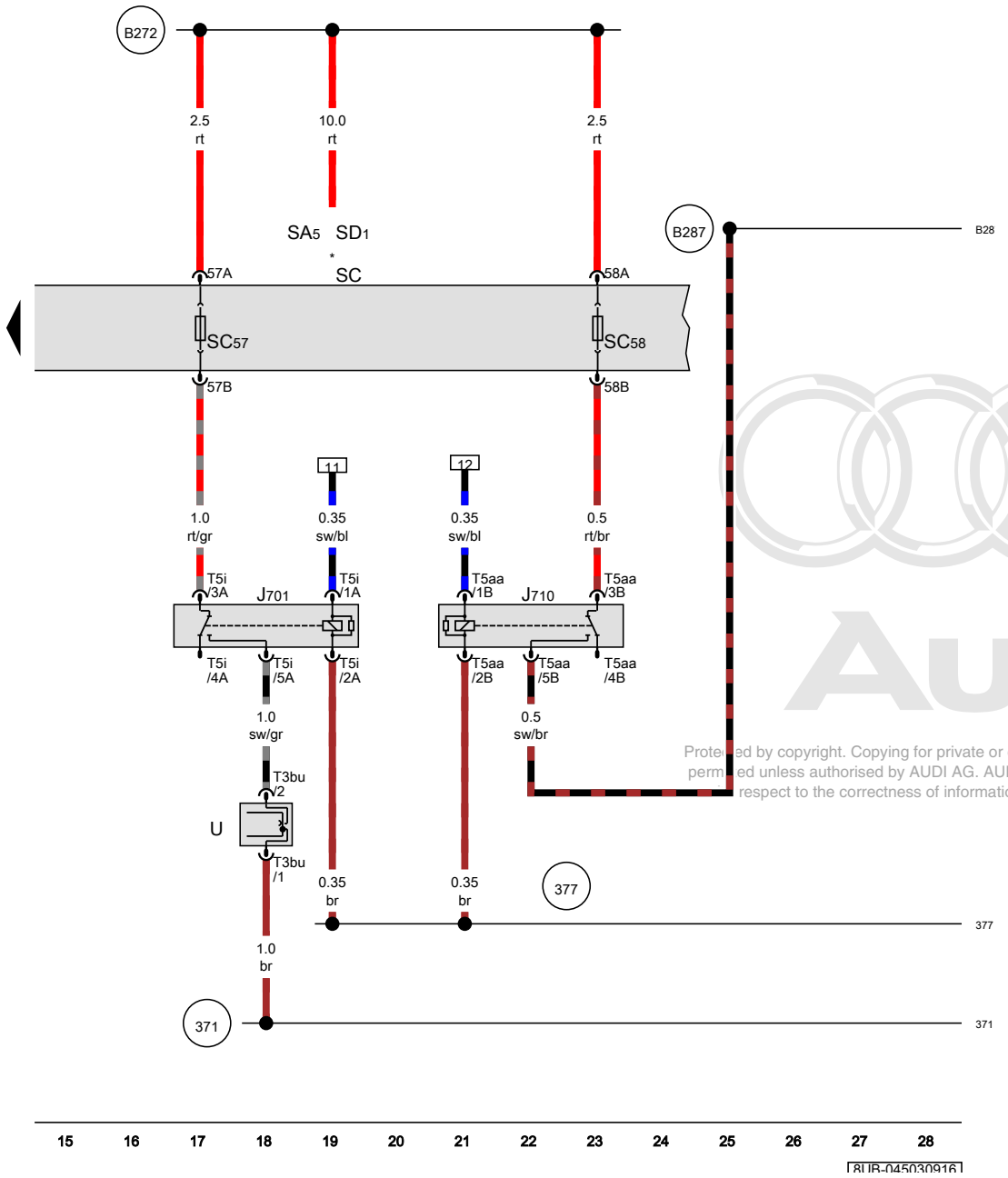


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Terminal 15 voltage supply relay, Onboard supply control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B279	Positive connection 3 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

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Voltage supply relay 1, Voltage supply relay 2, Electric socket

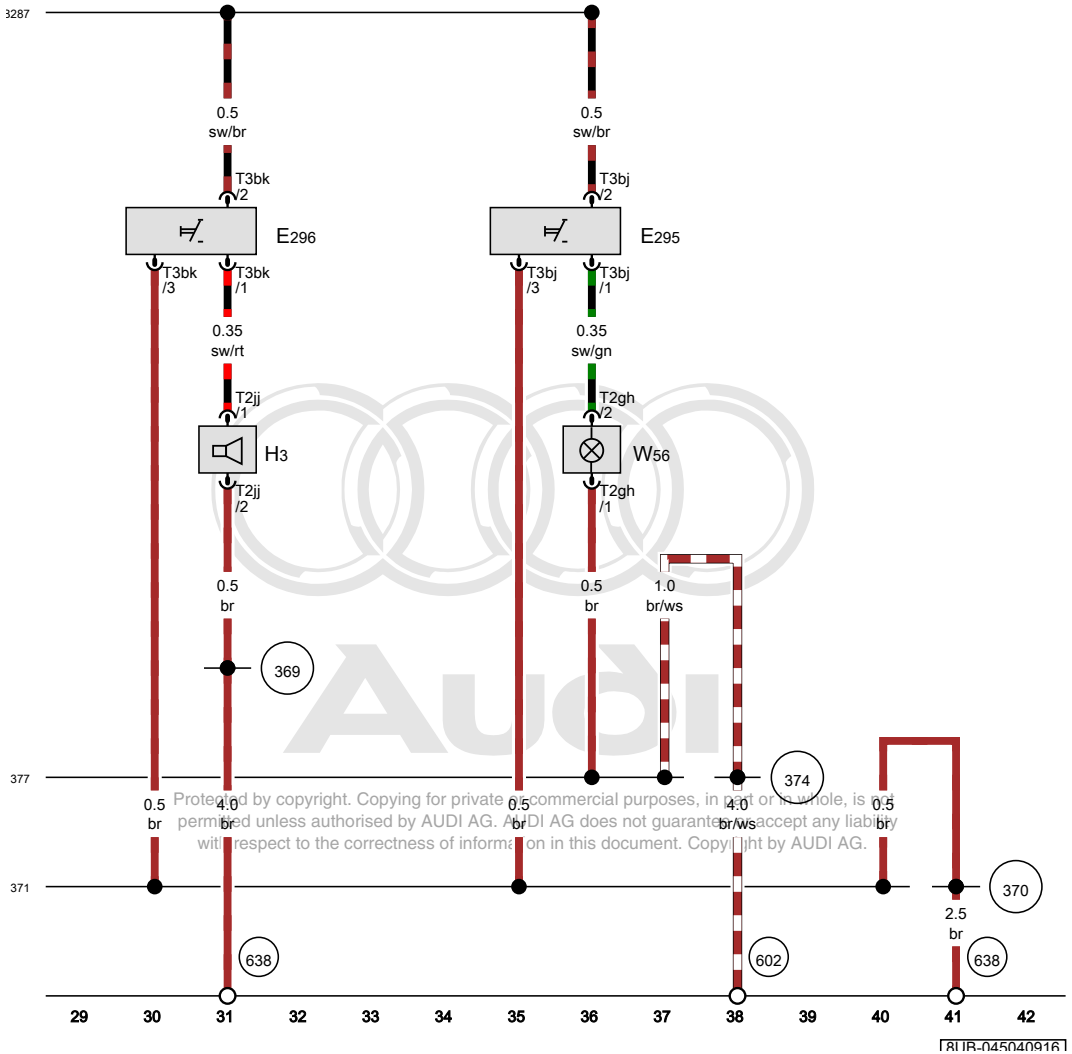
J701	Voltage supply relay 1
J710	Voltage supply relay 2
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T3bu	3-pin connector
T5aa	5-pin connector
T5i	5-pin connector
U	Electric socket
371	Earth connection 6, in main wiring harness
377	Earth connection 12, in main wiring harness
B272	Positive connection (30), in main wiring harness
B287	Positive connection 11 (15a) in main wiring harness
*	see applicable current flow diagram for battery

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Footwell light switch, Warning buzzer switch, Buzzer and gong, Driving school vehicle footwell illumination

E295	Footwell light switch
E296	Warning buzzer switch
H3	Buzzer and gong
T2gh	2-pin connector
T2jj	2-pin connector
T3bj	3-pin connector
T3bk	3-pin connector
W56	Driving school vehicle footwell illumination
369	Earth connection 4, in main wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B287	Positive connection 11 (15a) in main wiring harness



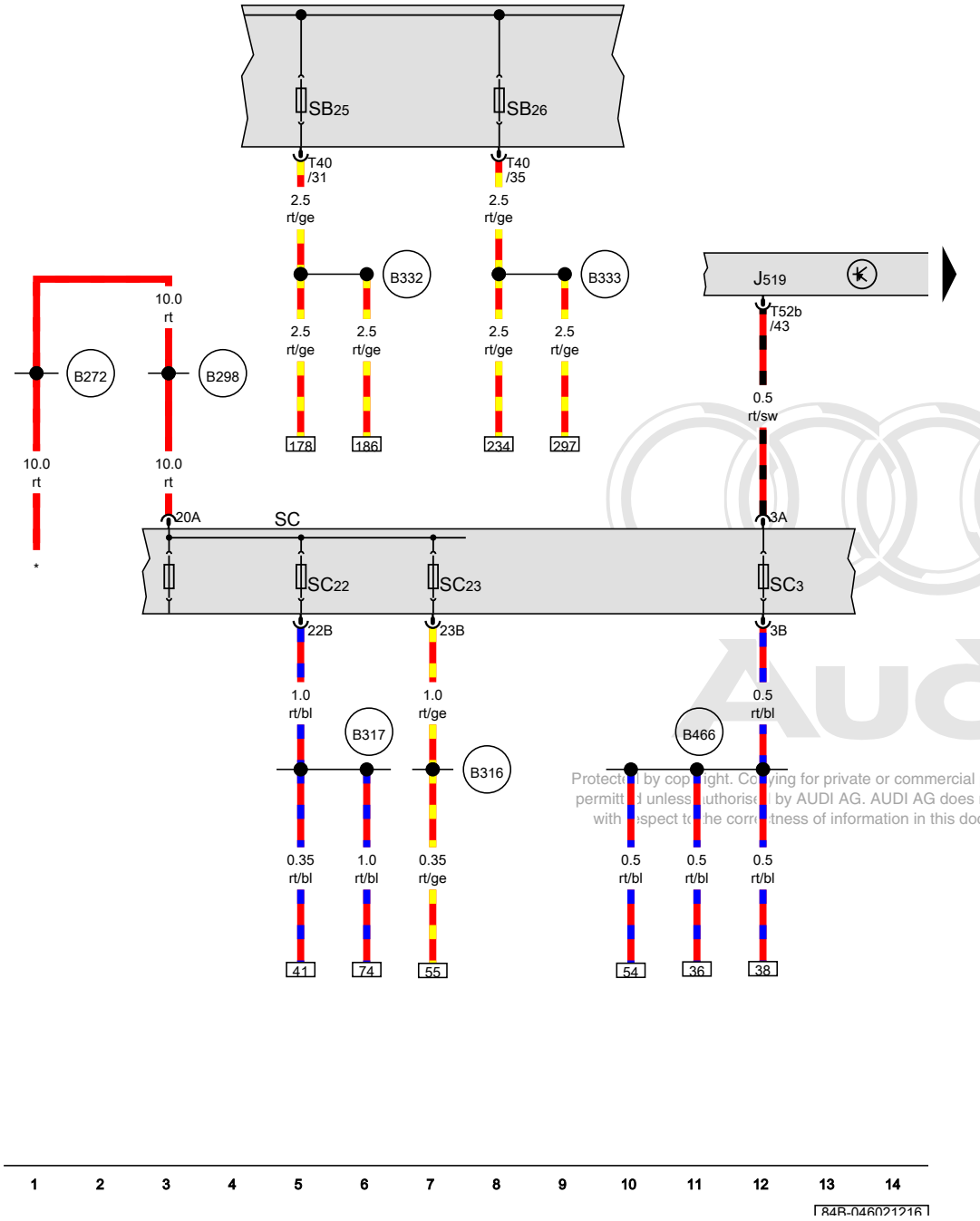
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Convenience system, left-hand drive

From November 2012

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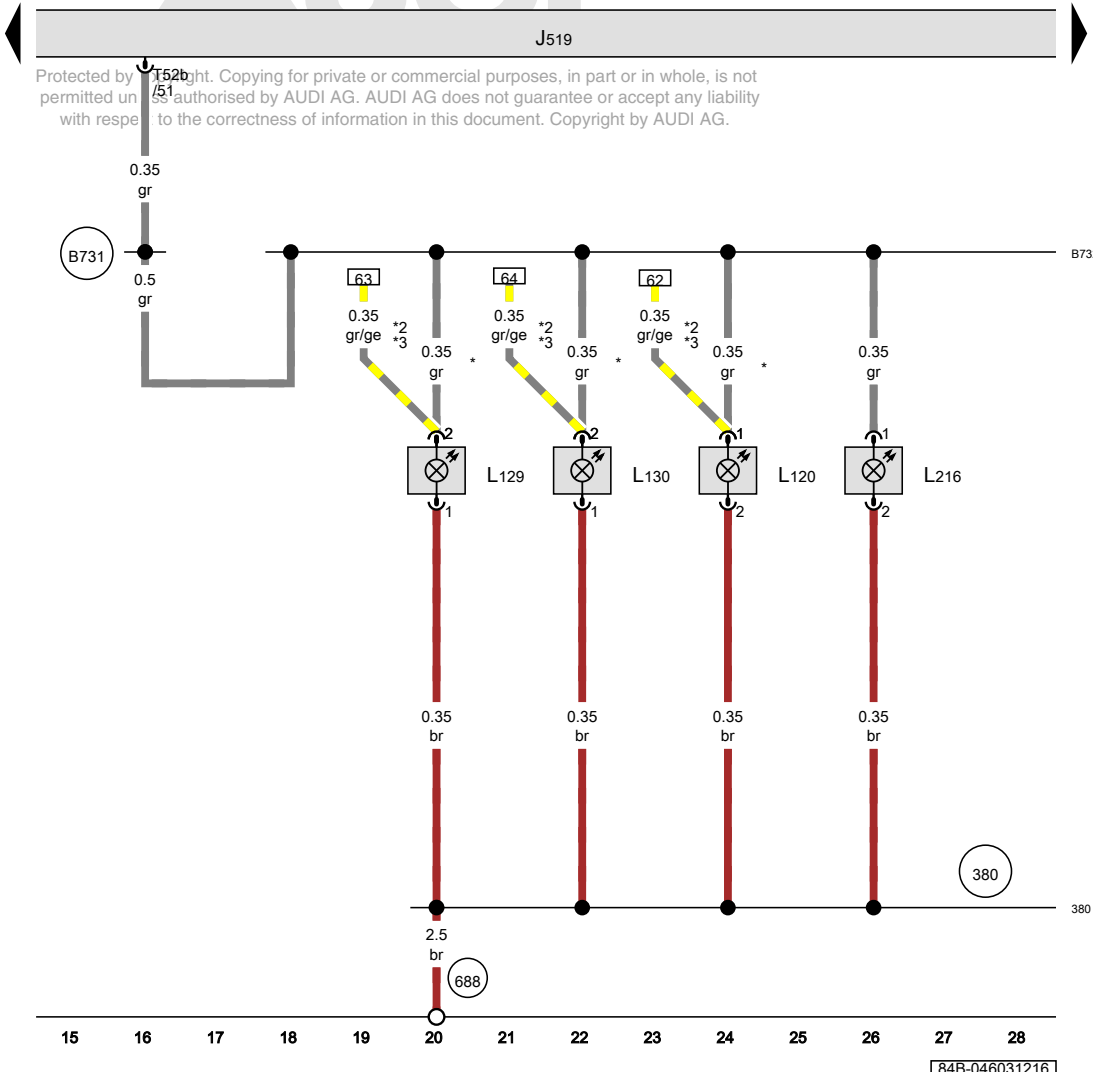
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Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC3	Fuse 3 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
B466	Connection 2, in main wiring harness
*	see applicable current flow diagram for battery

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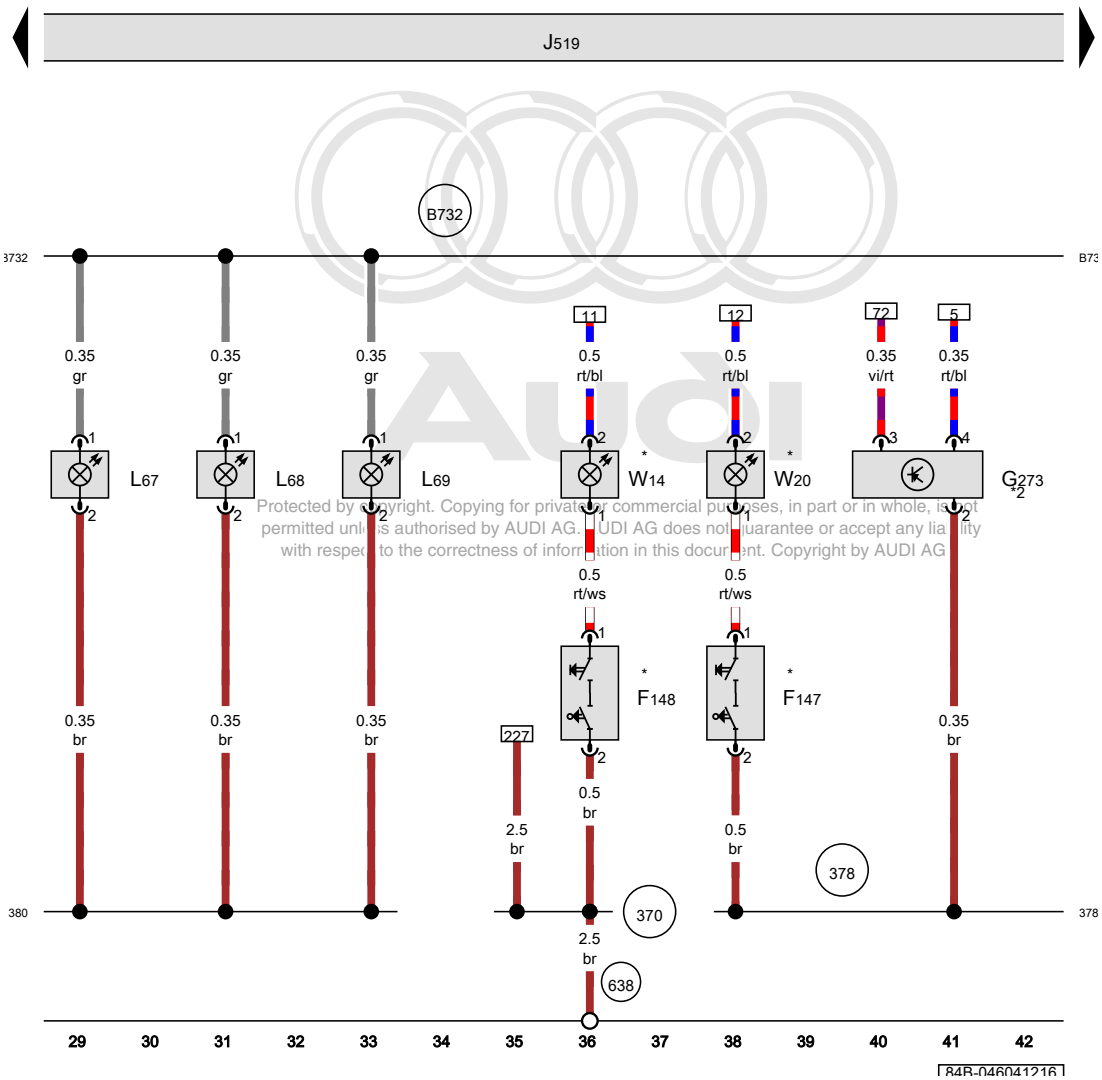
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Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T52b	52-pin connector
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with radio chorus
*2	Only models with radio concert
*3	Only models with MMI



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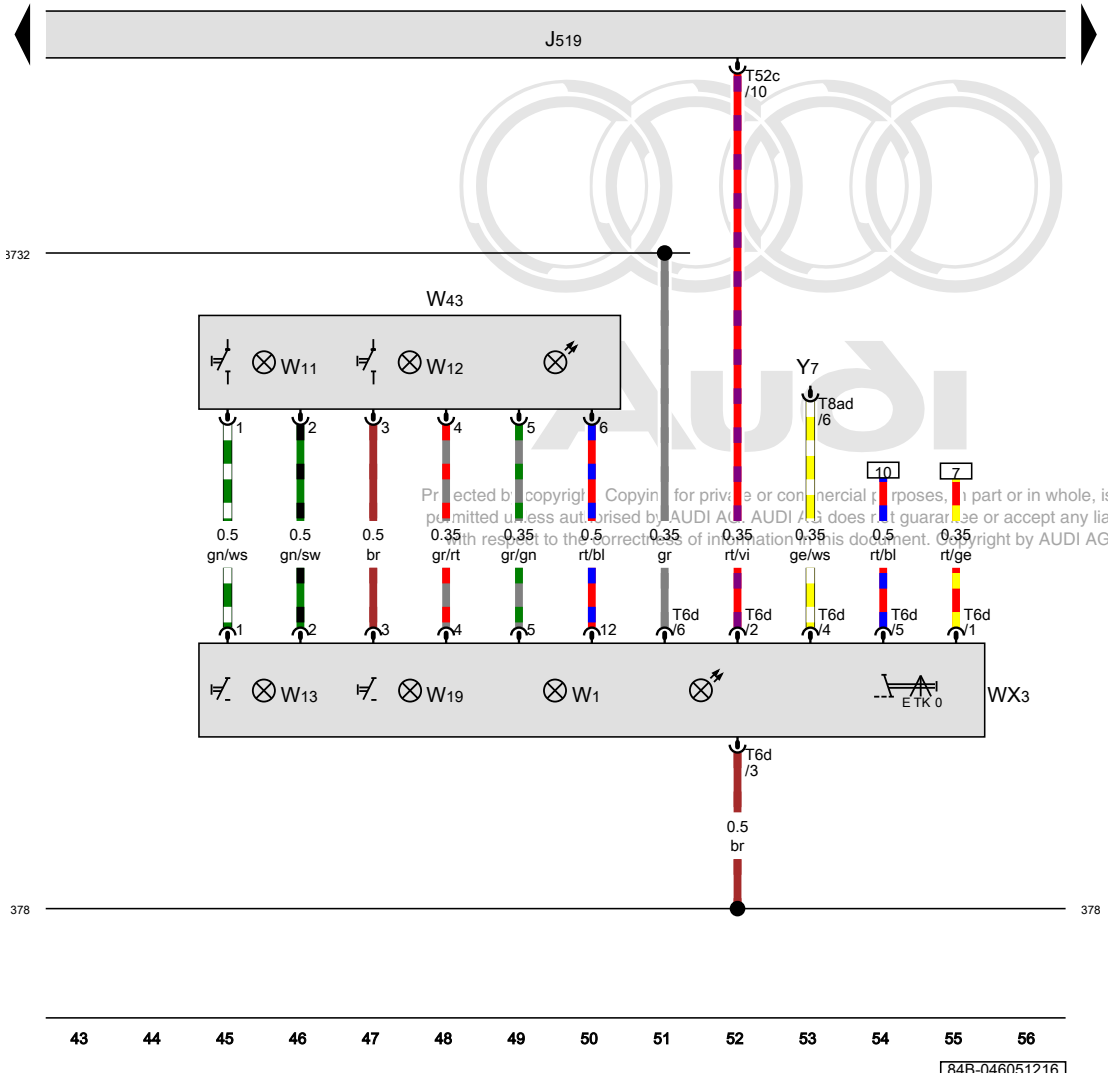
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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

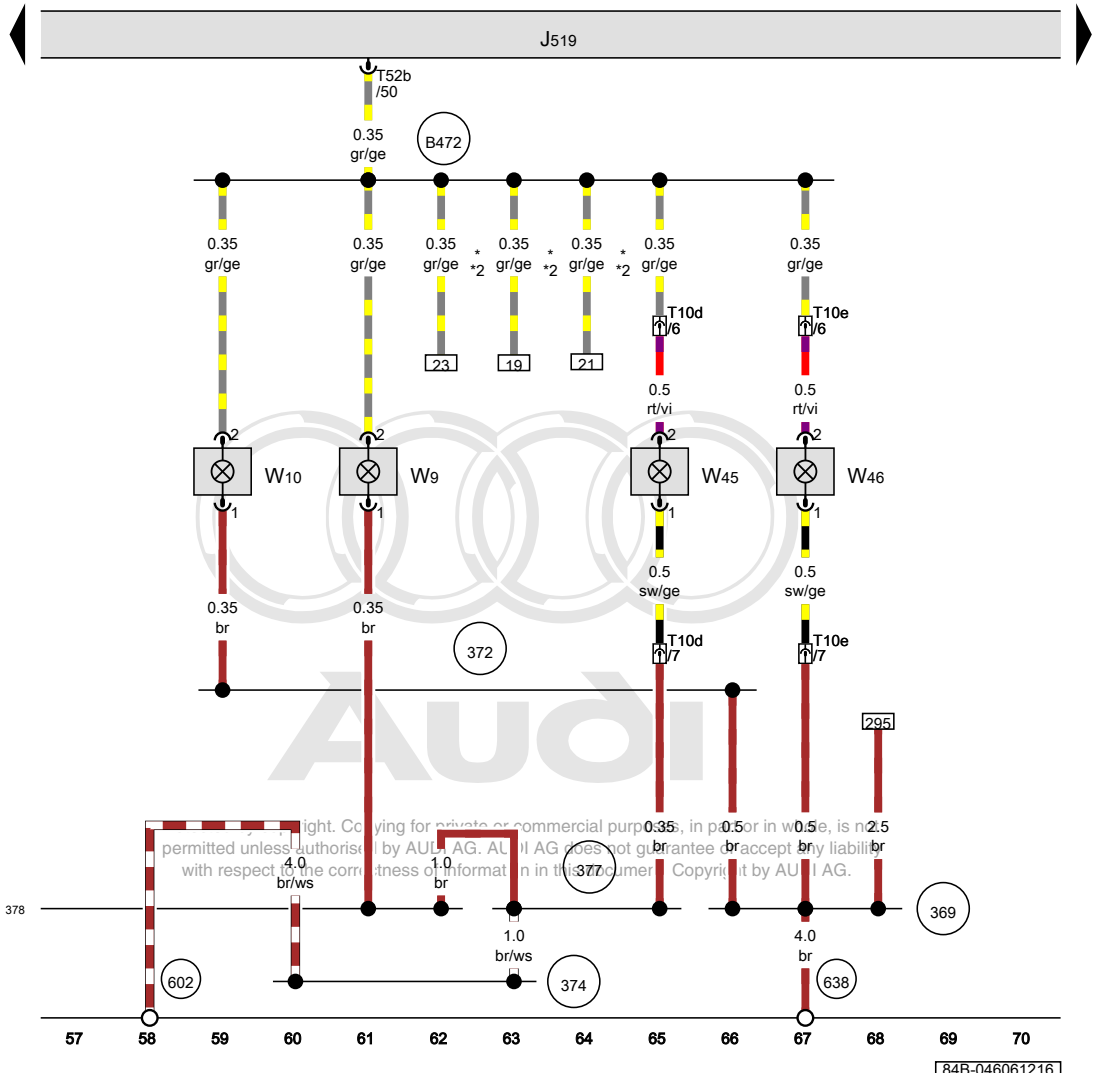
Front roof module, Rear interior light

J519	Onboard supply control unit
T6d	6-pin connector
T8ad	8-pin connector
T52c	52-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness



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

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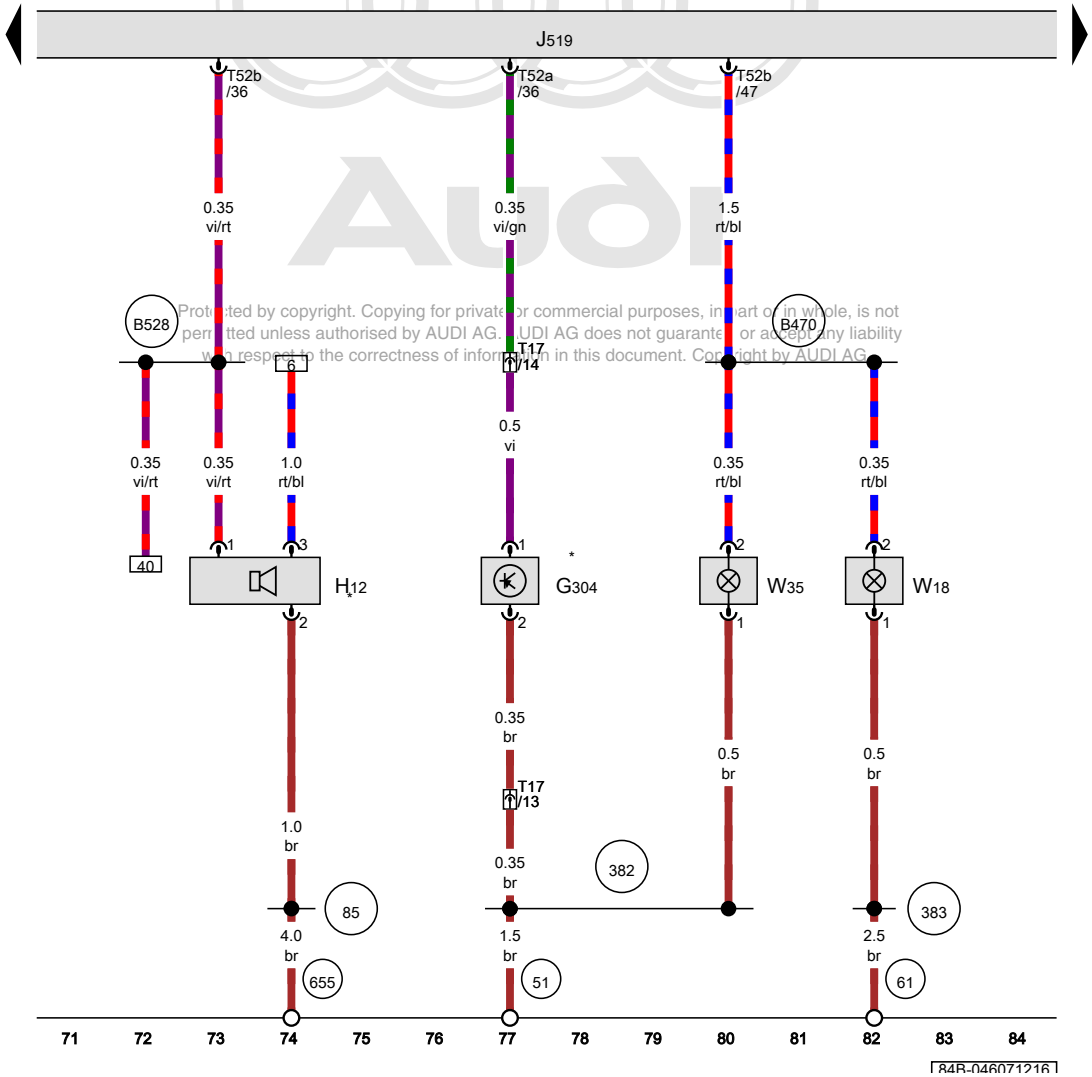


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Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI

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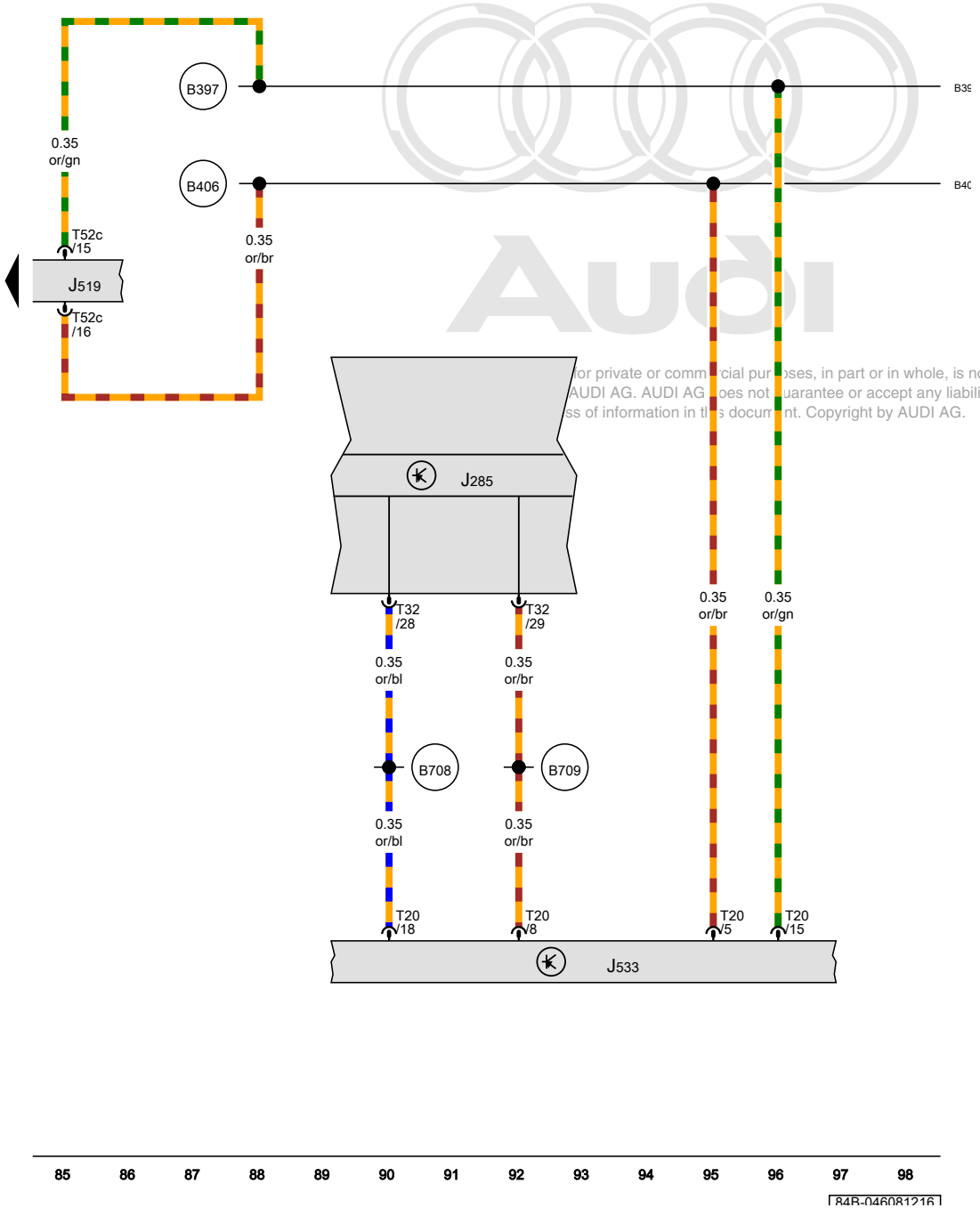


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Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light

G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector
T52b	52-pin connector
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system

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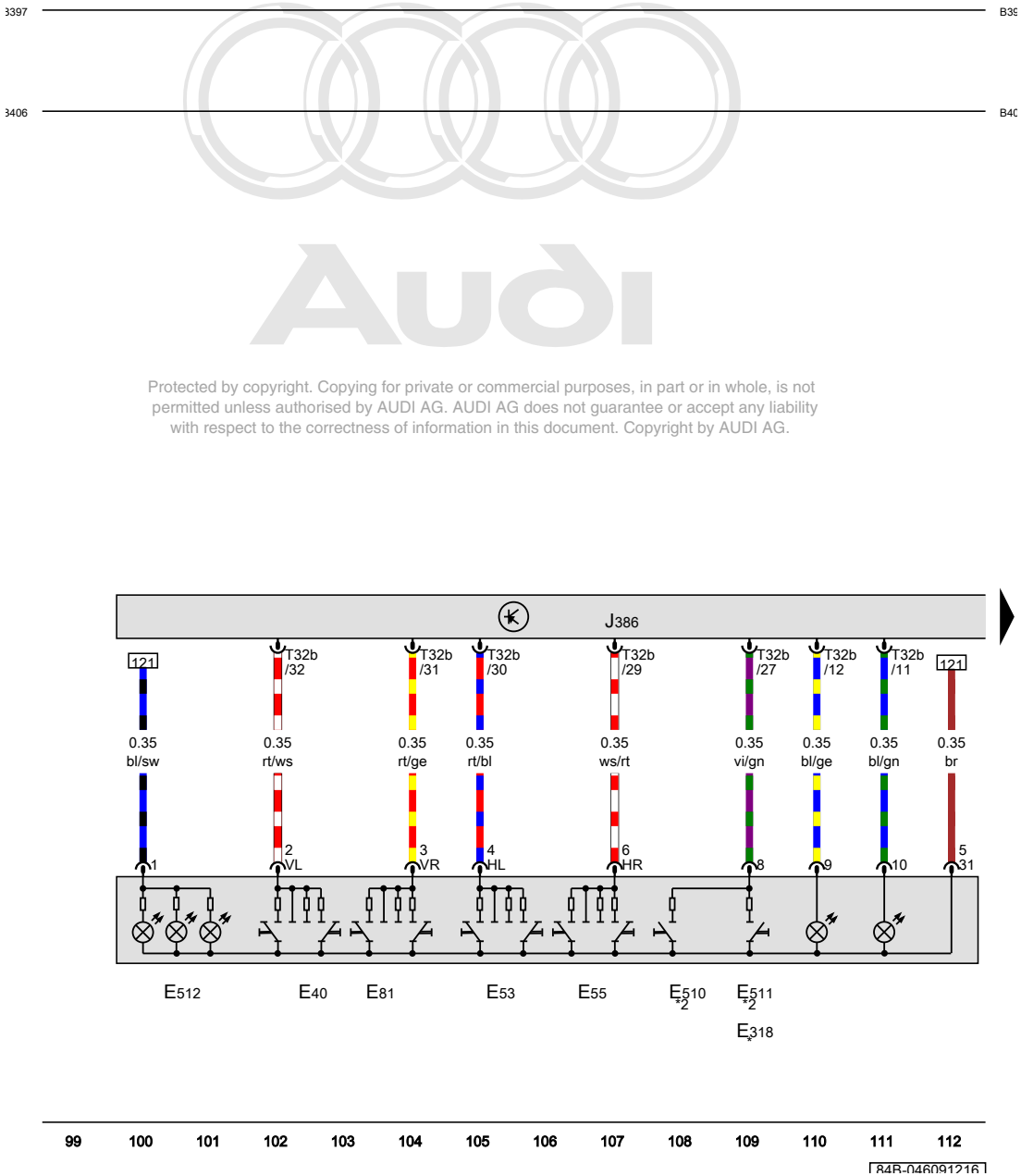


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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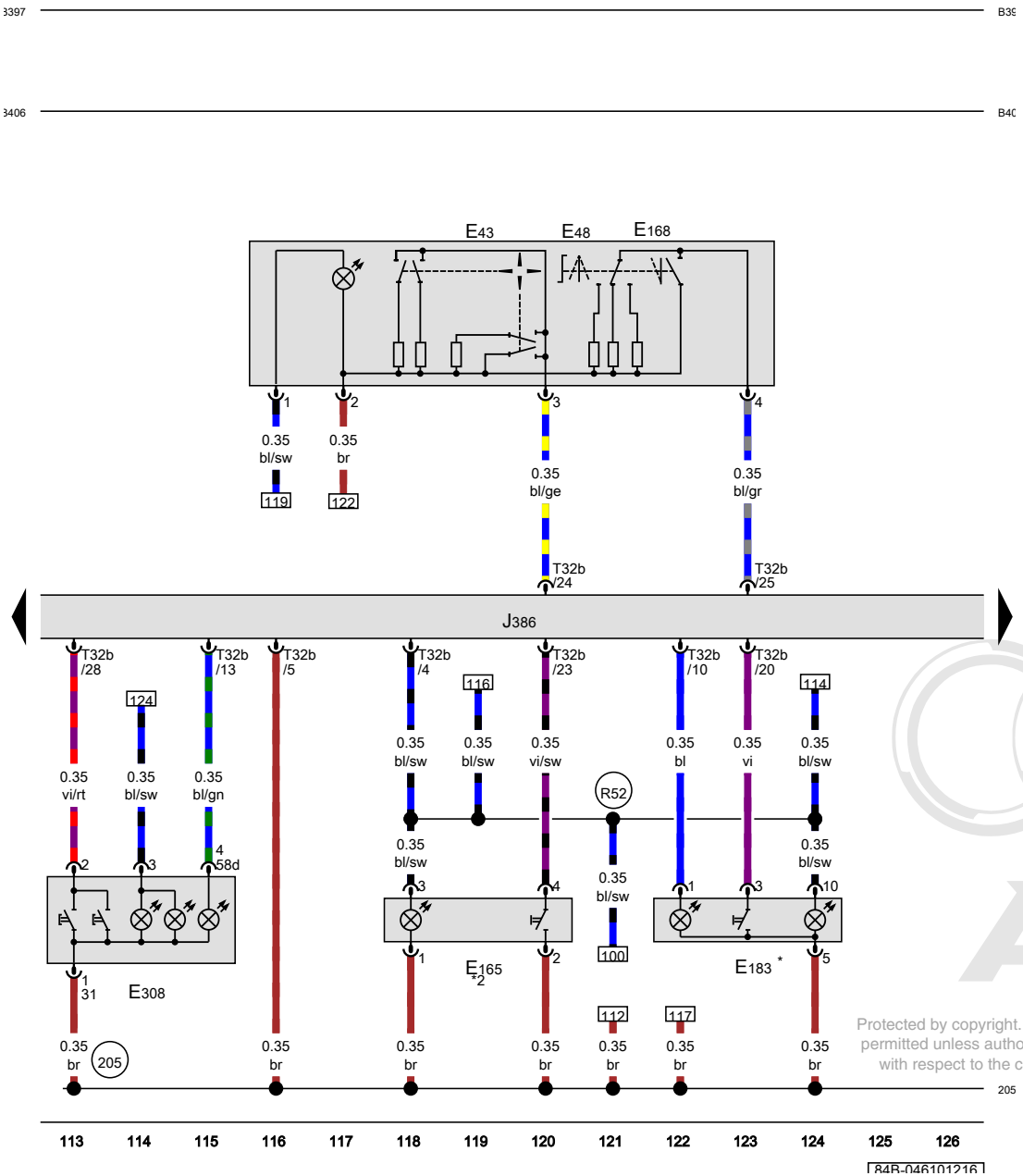


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Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Button for left childproof lock, Button for right childproof lock, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T32b	32-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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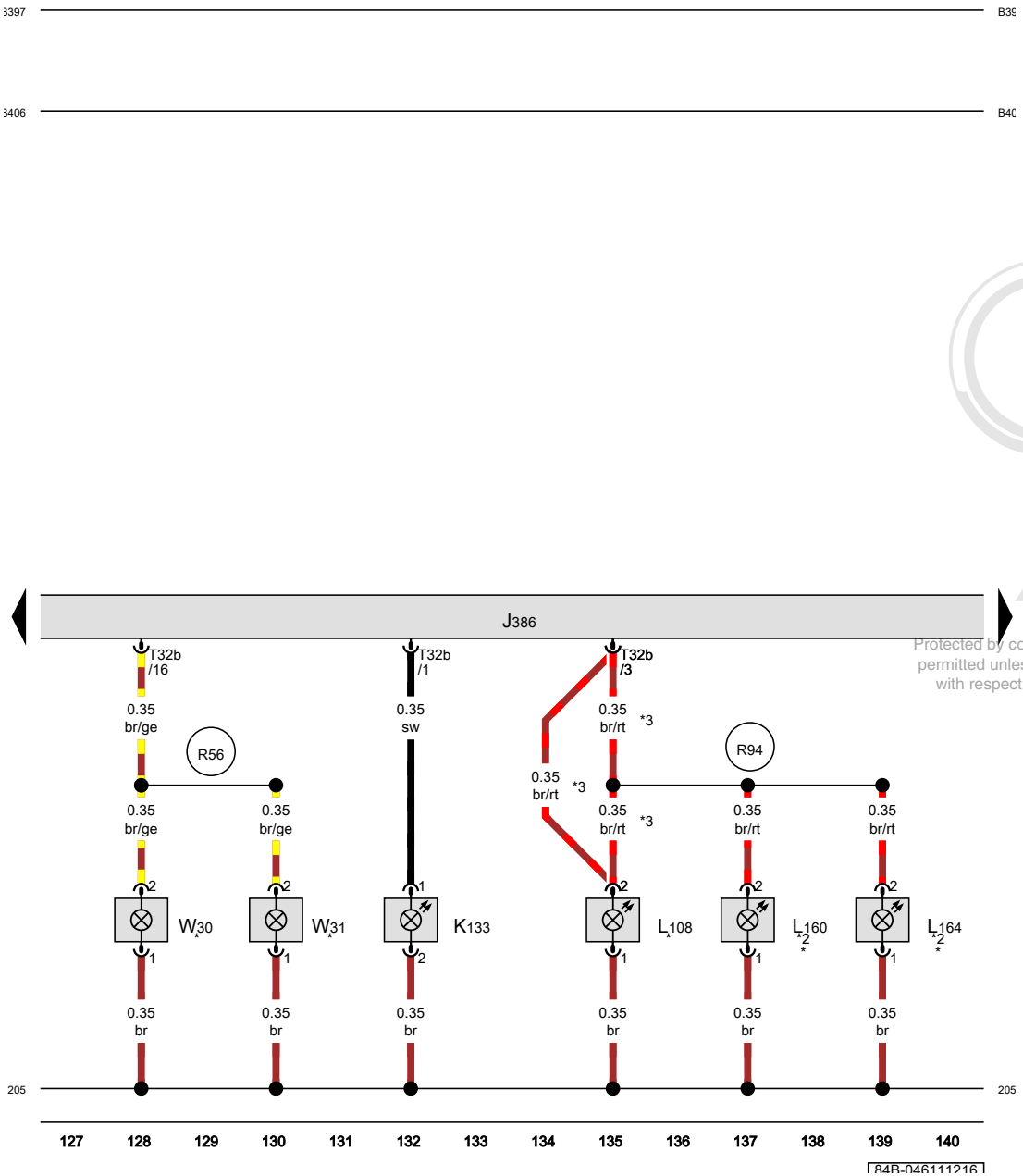


Mirror adjustment switch, Mirror adjustment changeover switch, Rear lid release switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E165	Rear lid release switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor
*2	If fitted

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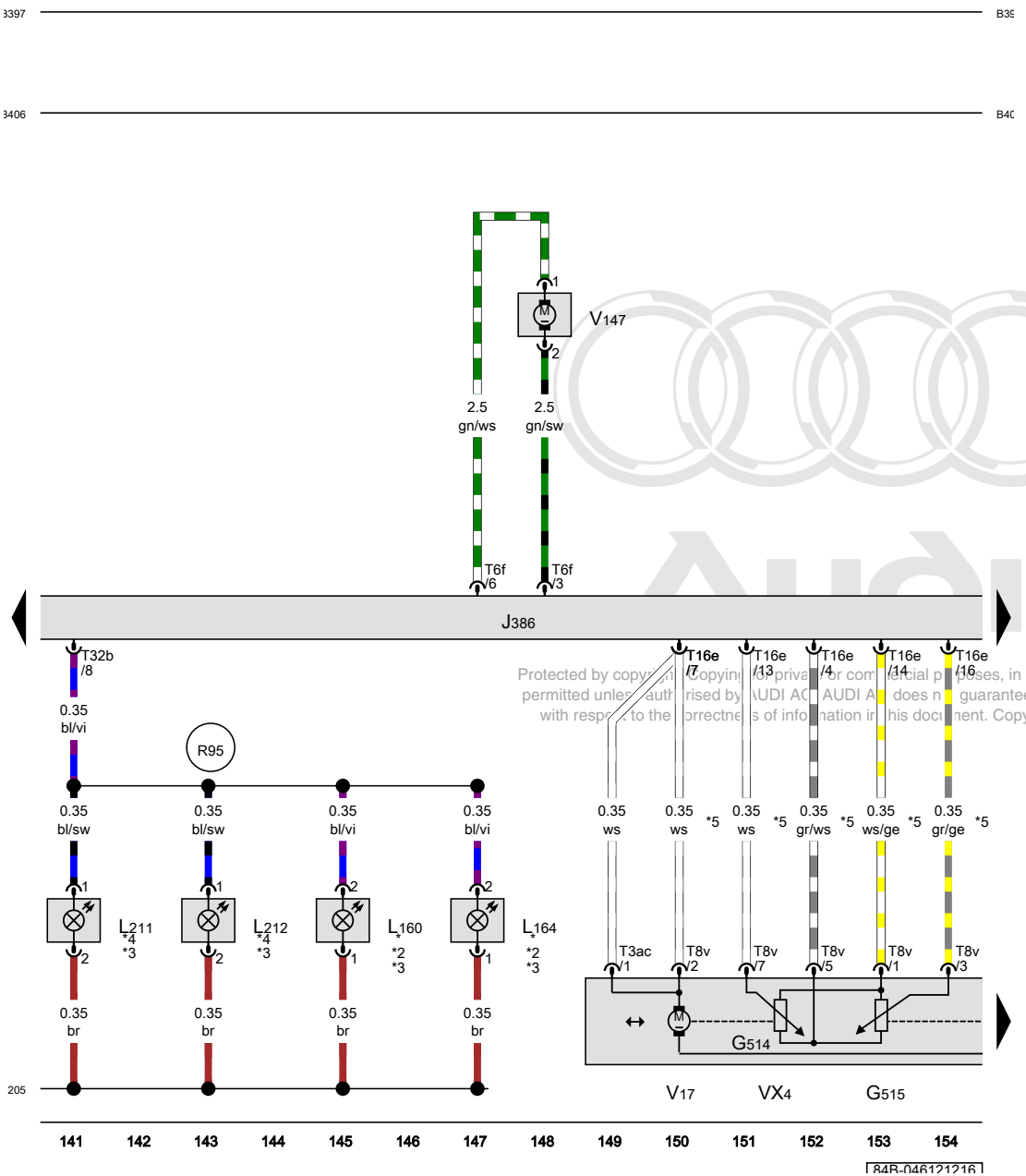


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Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T32b	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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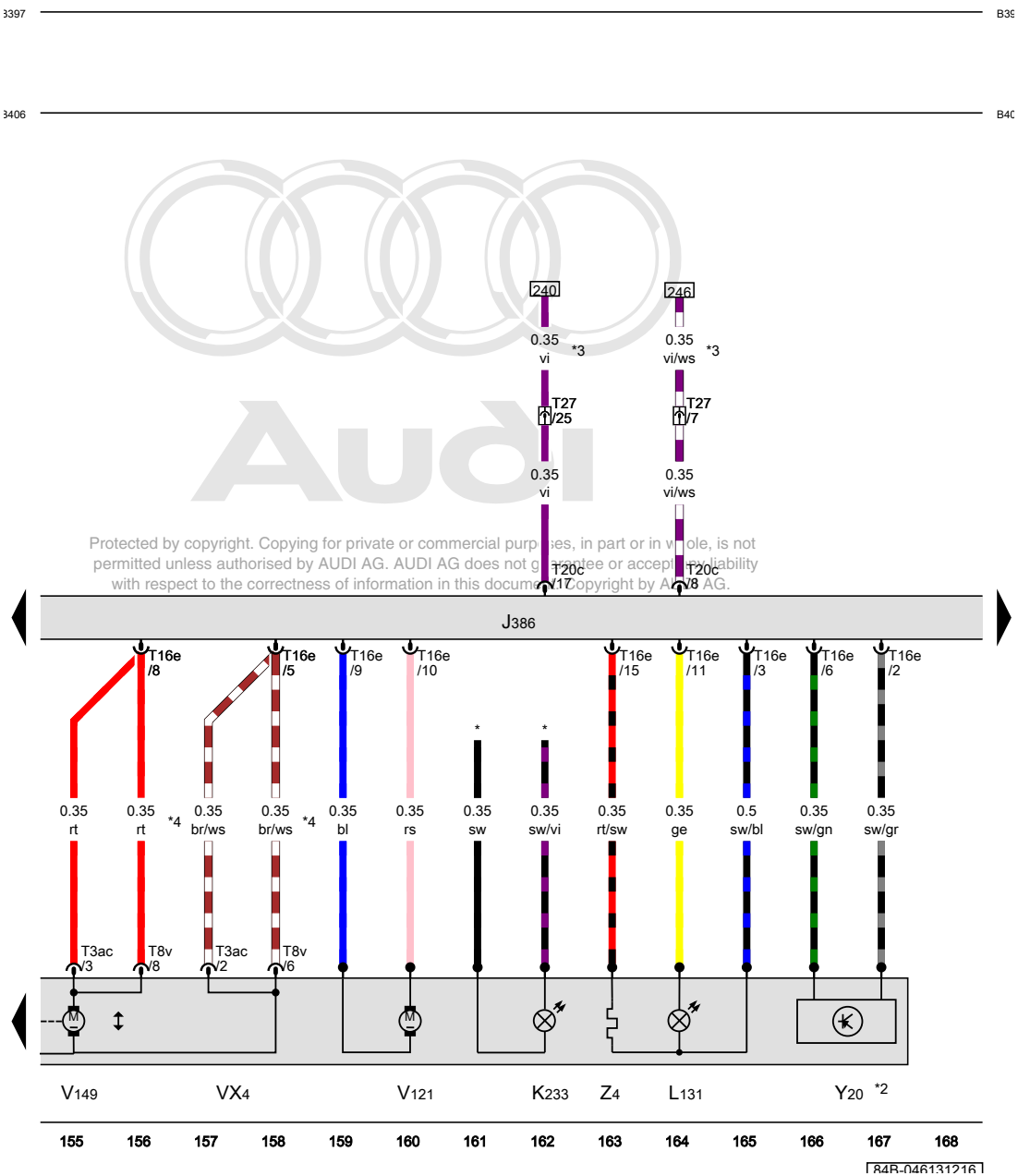


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Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T3ac	3-pin connector
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector
T32b	32-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with BOSE sound system
*5	Only models with electric seat adjustment and memory function

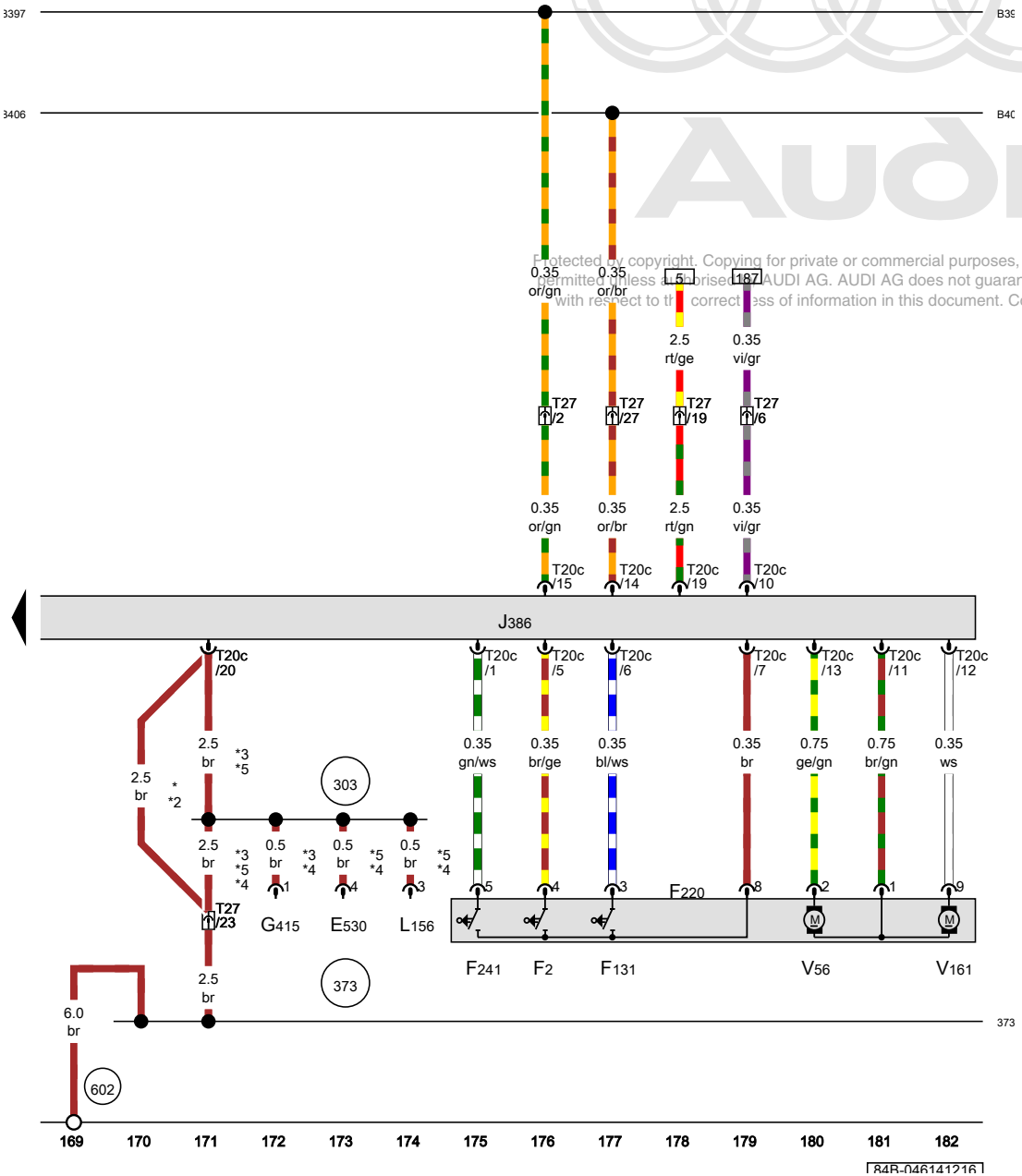


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Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector
T8v	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
T27	27-pin connector, on left A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function

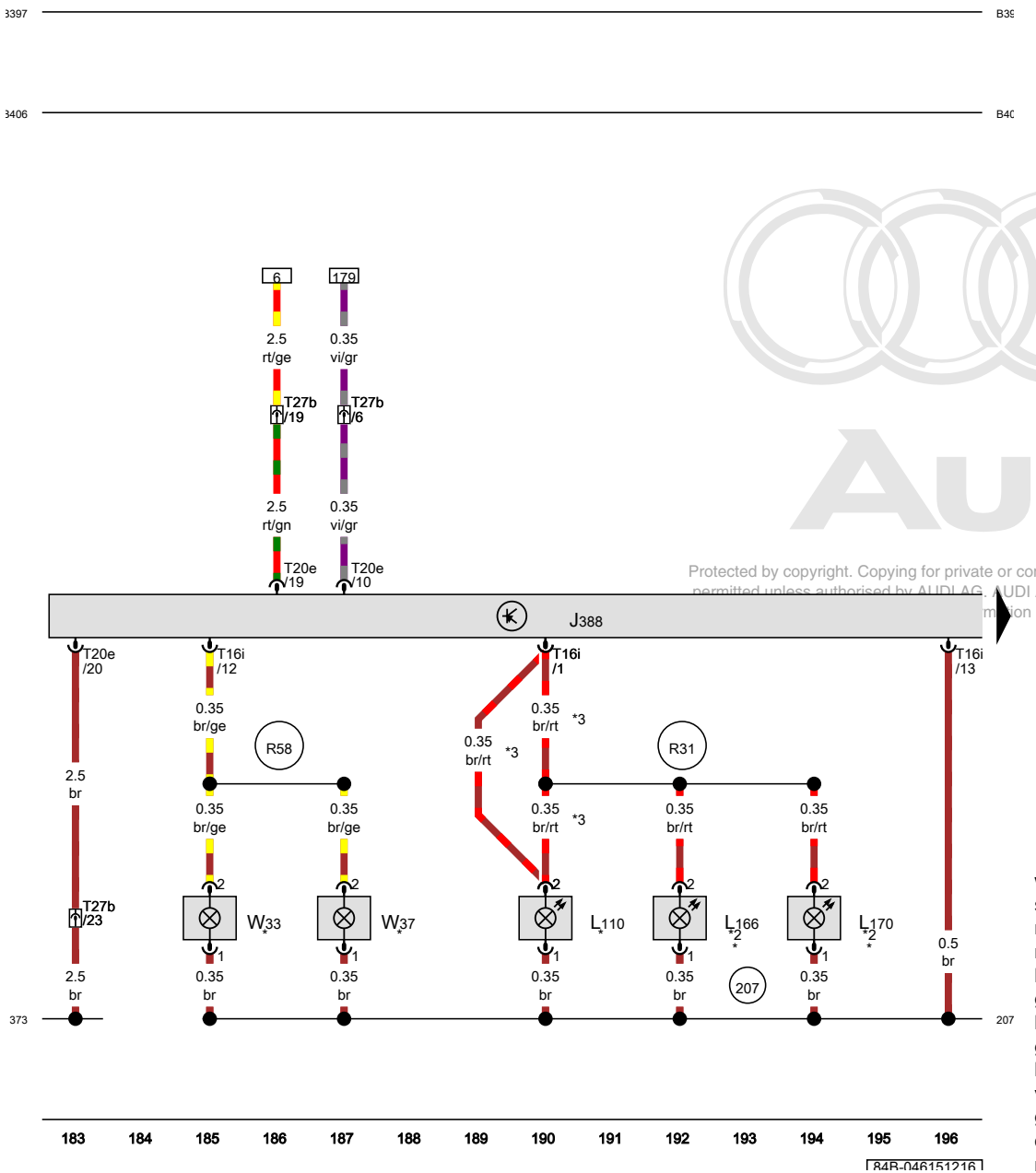


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Driver side central locking lock unit, Driver door control unit

E530	Button for lane change assist
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
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T20c	20-pin connector
T27	27-pin connector, on left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	According to equipment
*3	Only models with entry and start authorisation
*4	see applicable current flow diagram
*5	Only models with lane change assist

ws	=	white
sw	=	black
ro	=	red
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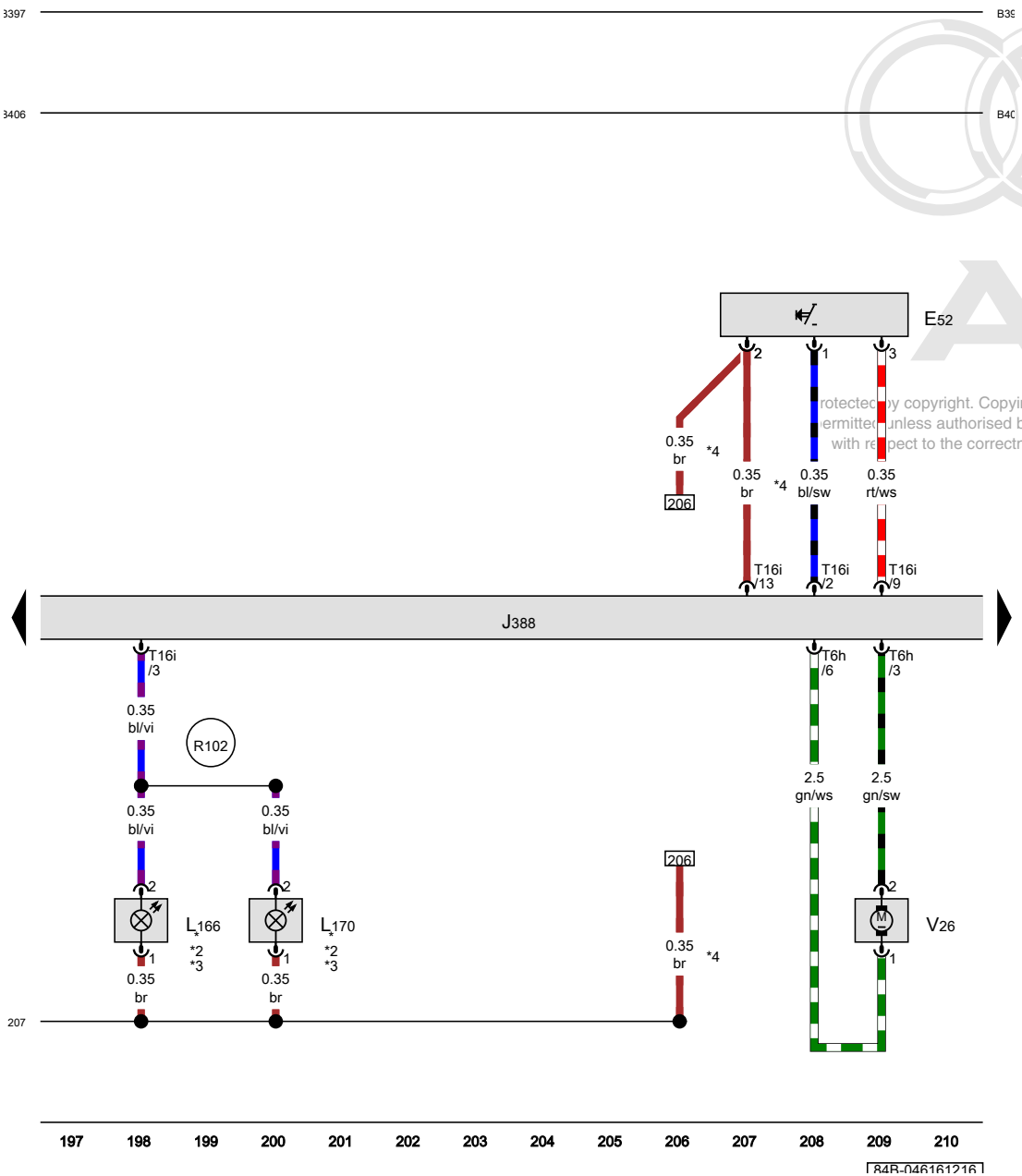
Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T16i	16-pin connector
T20e	20-pin connector
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
373	Earth connection 8, in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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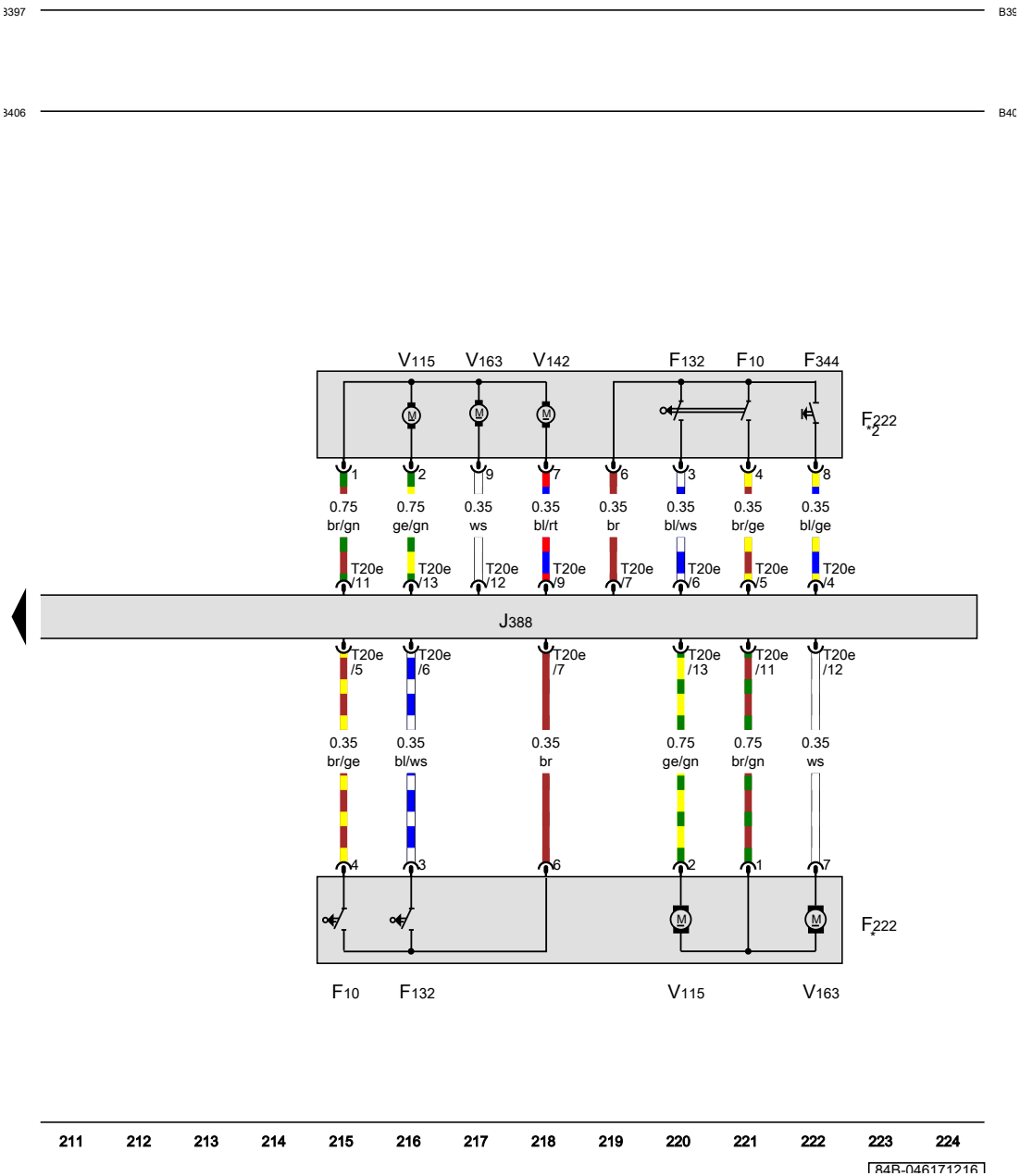
Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T6h	6-pin connector
T16i	16-pin connector
V26	Rear left window regulator motor
207	Earth connection, in rear left door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R102	Connection 2, in rear left door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment



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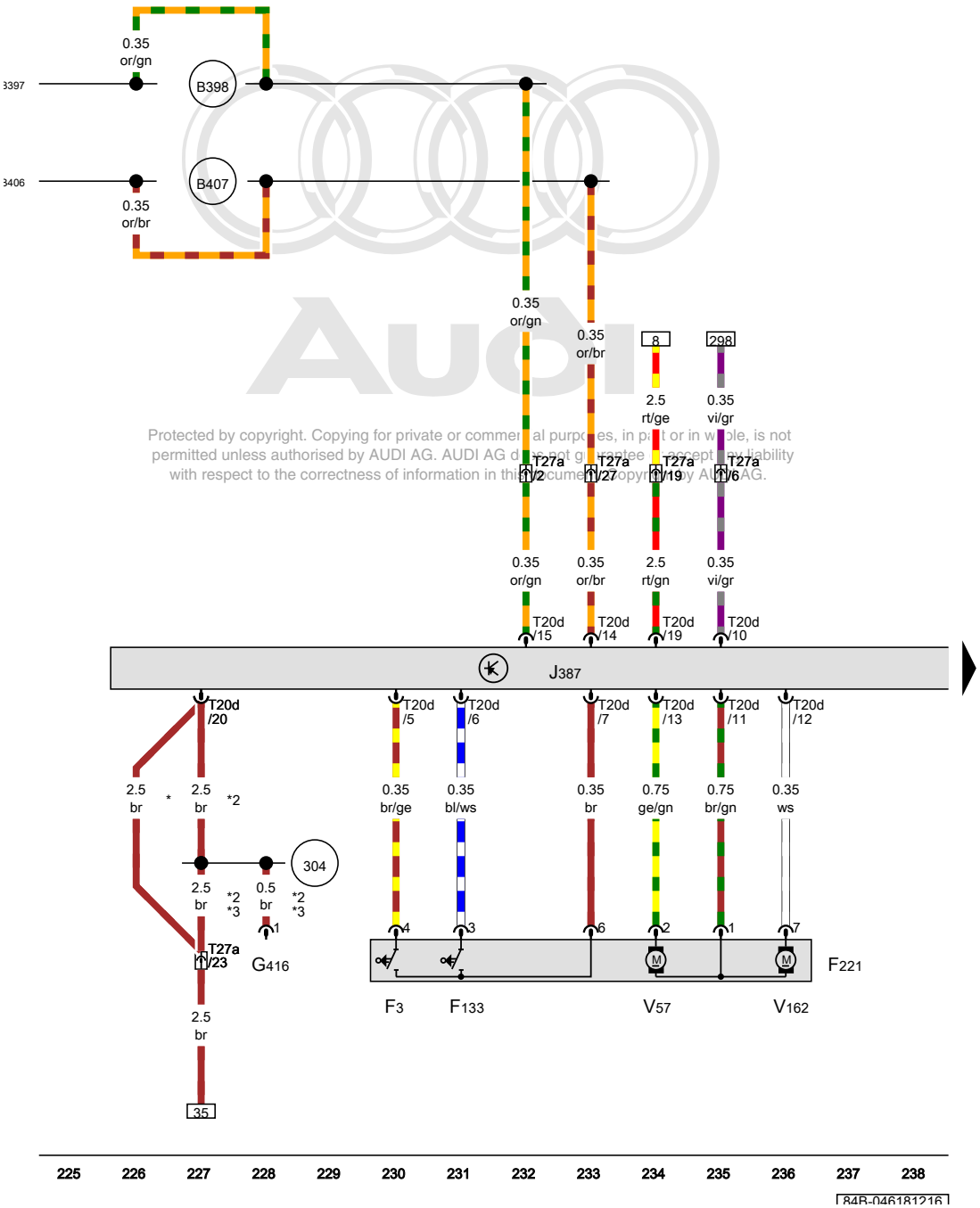


Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T20e	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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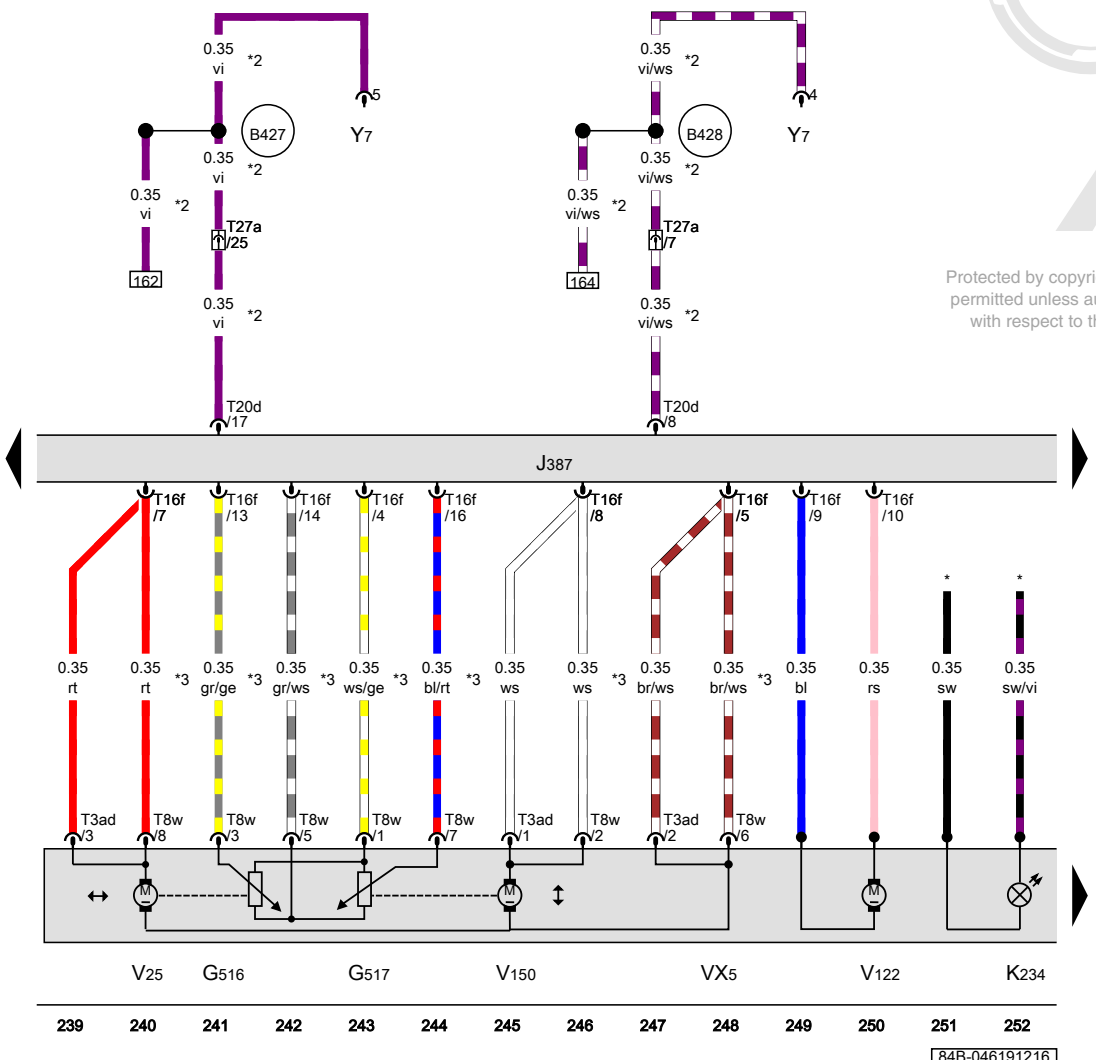
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Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram

ws	=	white
sw	=	black
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rt	=	red
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gn	=	green
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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor



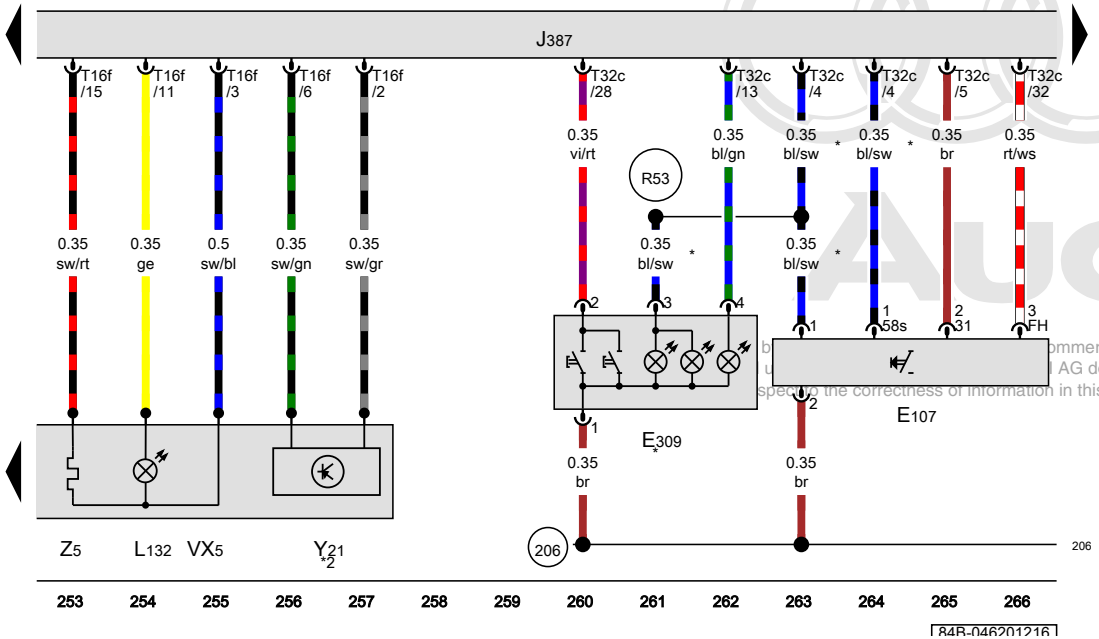
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G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector
T8w	8-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16f	16-pin connector
T32c	32-pin connector
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror



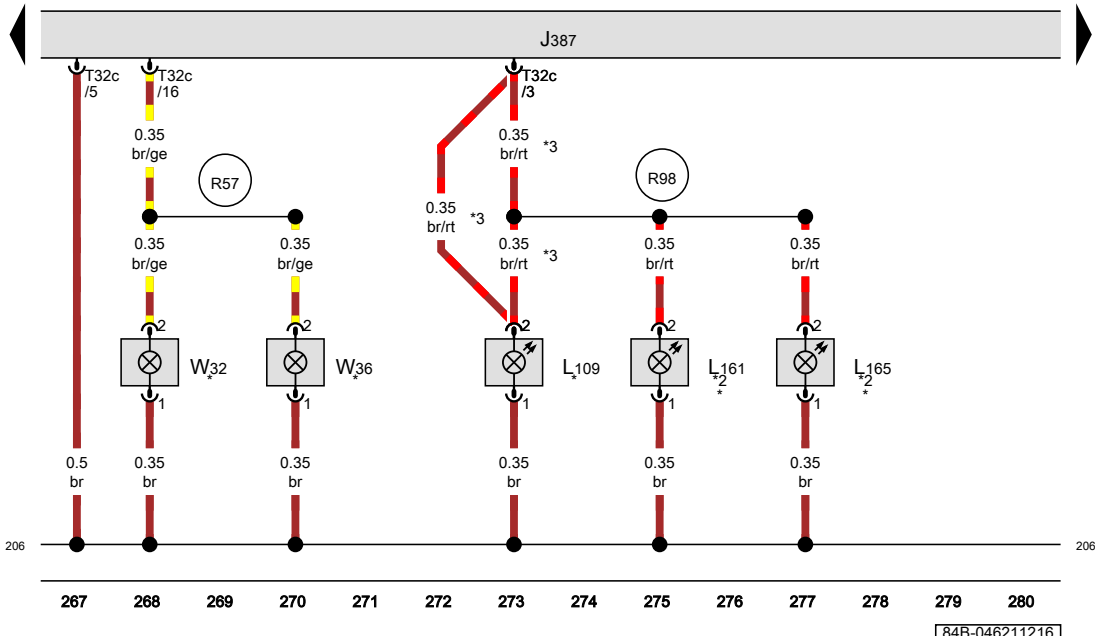
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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T32c	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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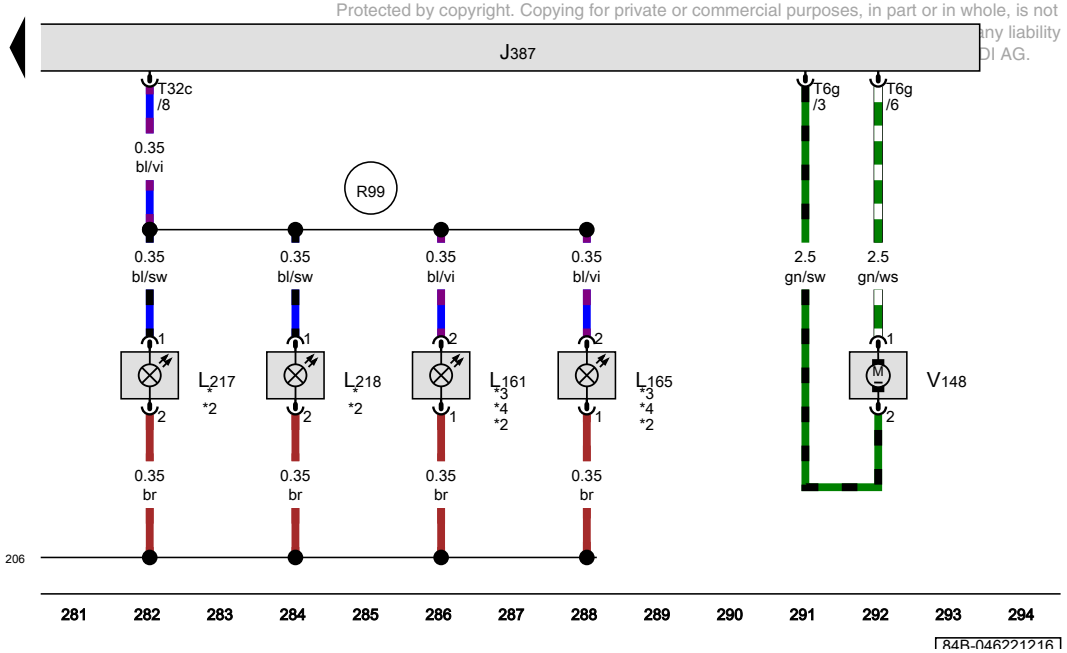


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ge	=	yellow
or	=	orange
rs	=	pink

Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T6g	6-pin connector
T32c	32-pin connector
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI

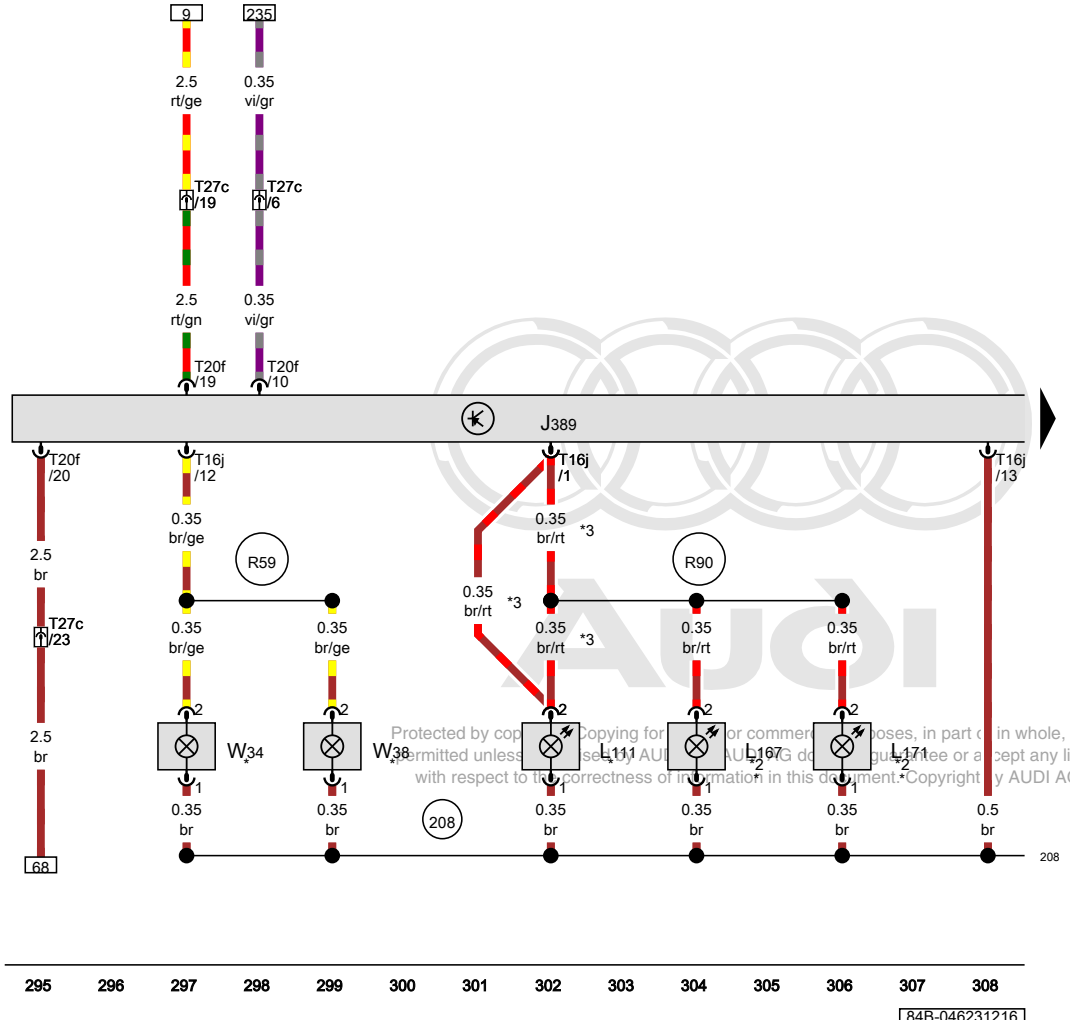
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or	=	orange
rs	=	pink

Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T16j	16-pin connector
T20f	20-pin connector
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

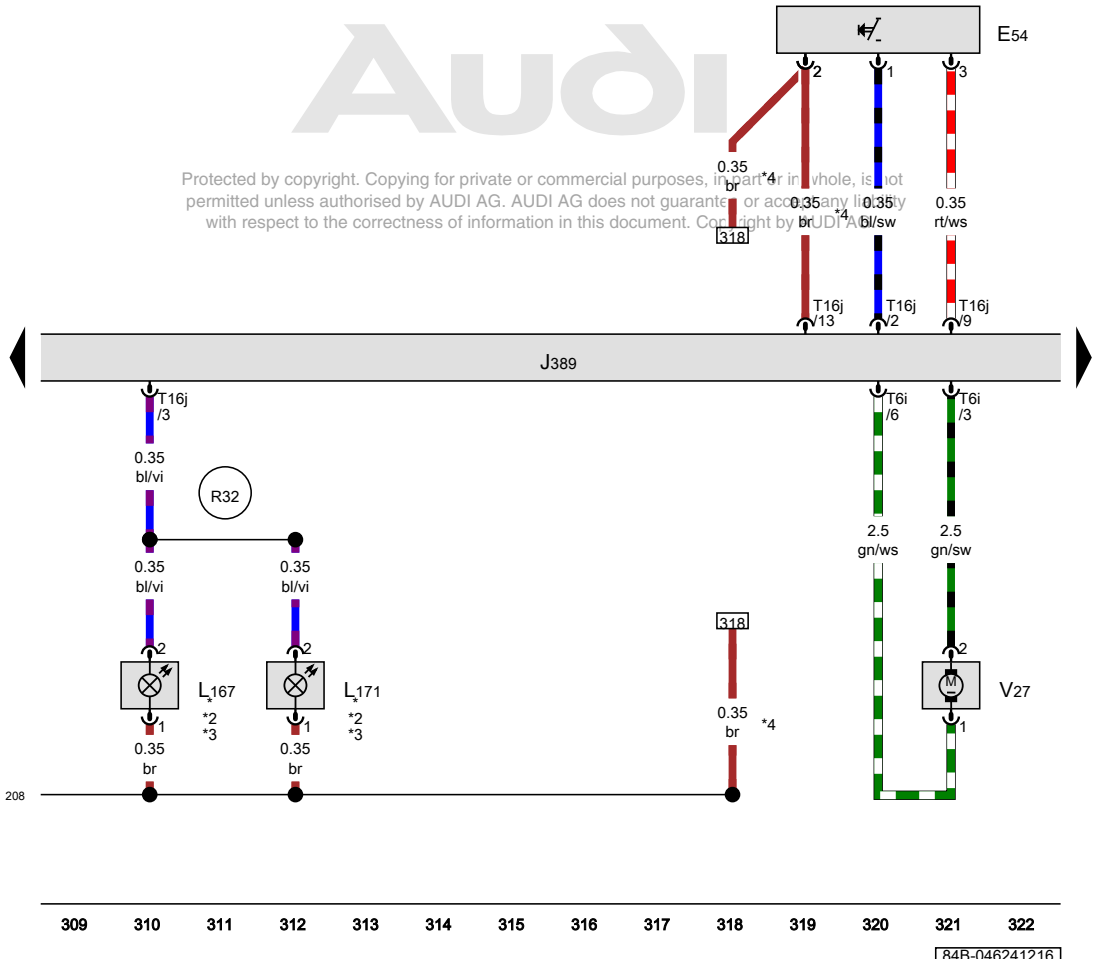


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or	=	orange
rs	=	pink

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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T6i	6-pin connector
T16j	16-pin connector
V27	Rear right window regulator motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

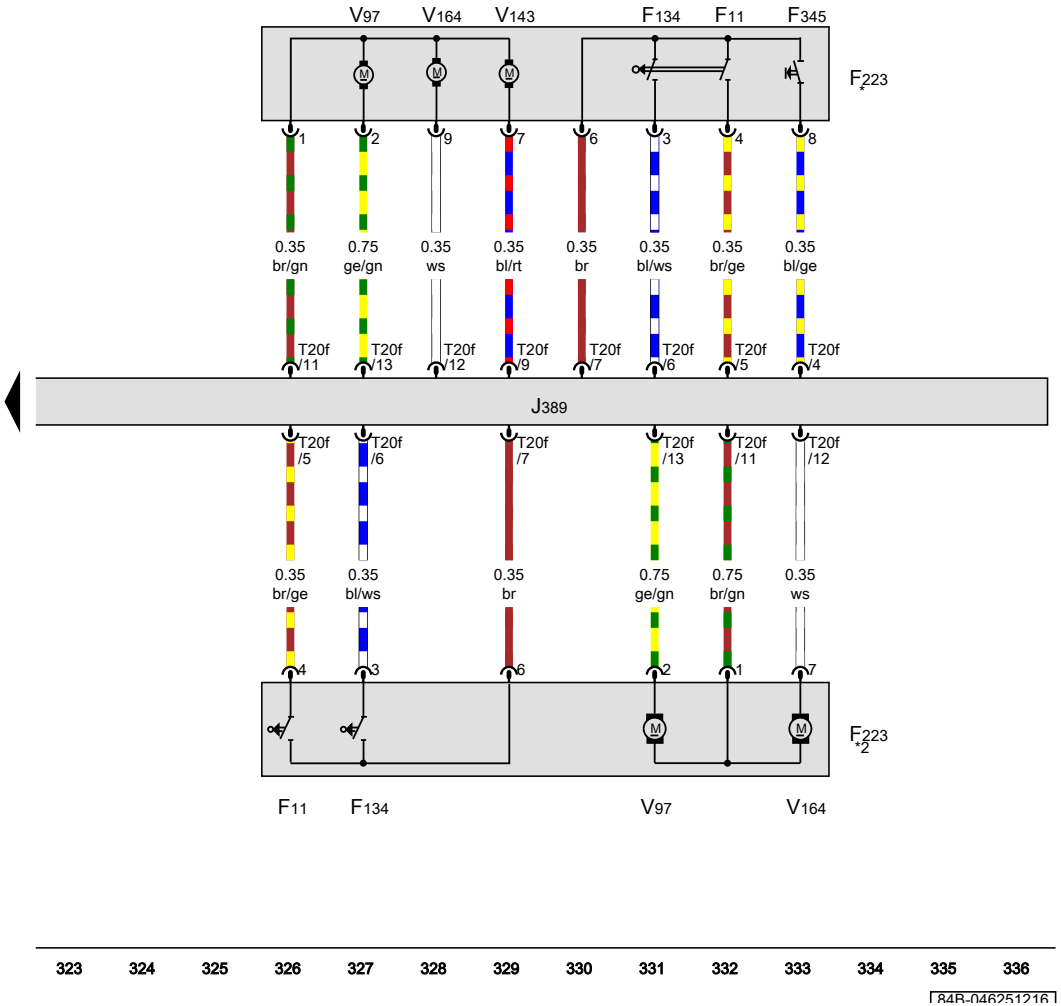


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rs	=	pink

Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T20f	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Only models with no childproof locks



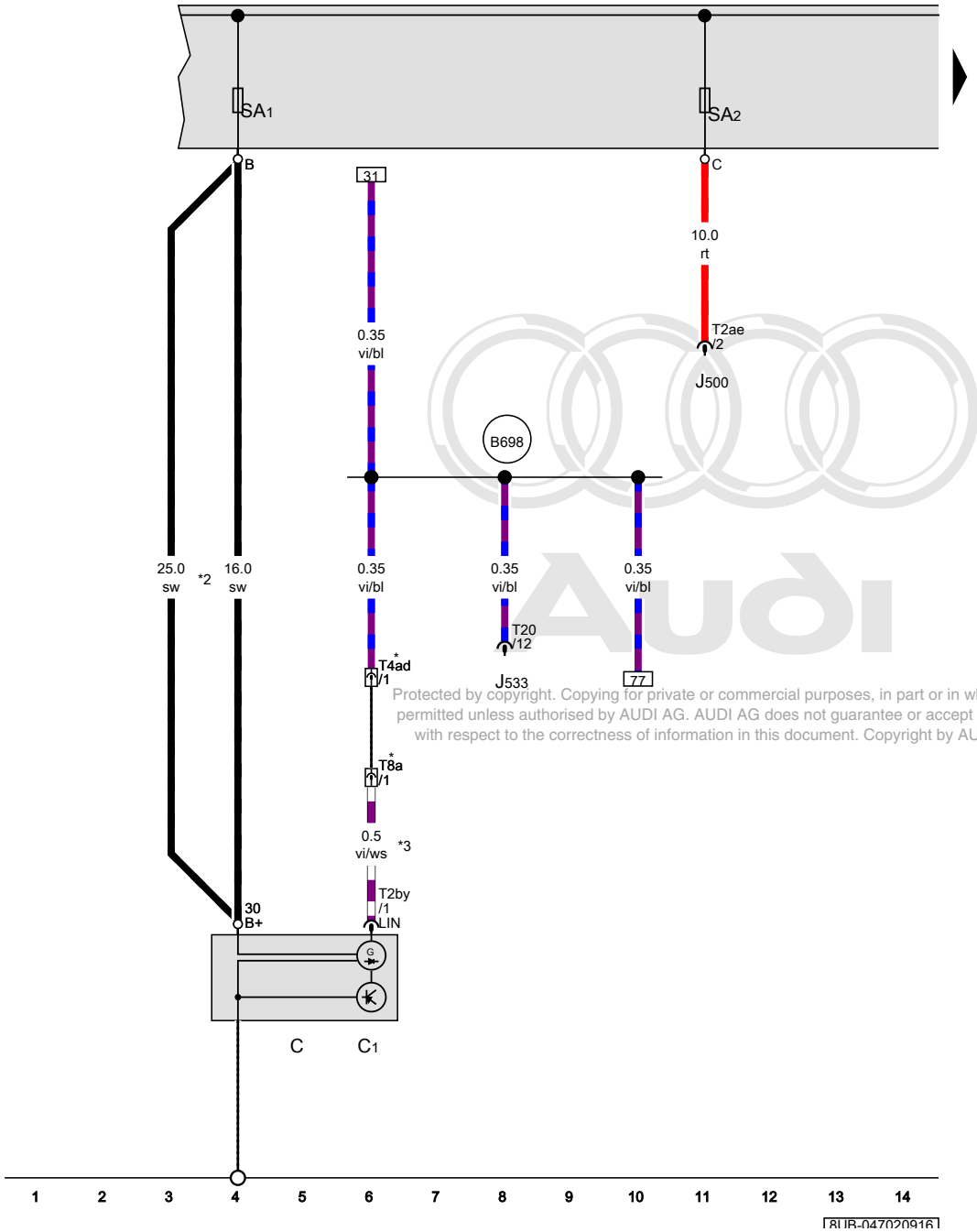
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Battery in engine compartment with start/stop system and energy recovery , (7L6),(7L8)

From November 2012

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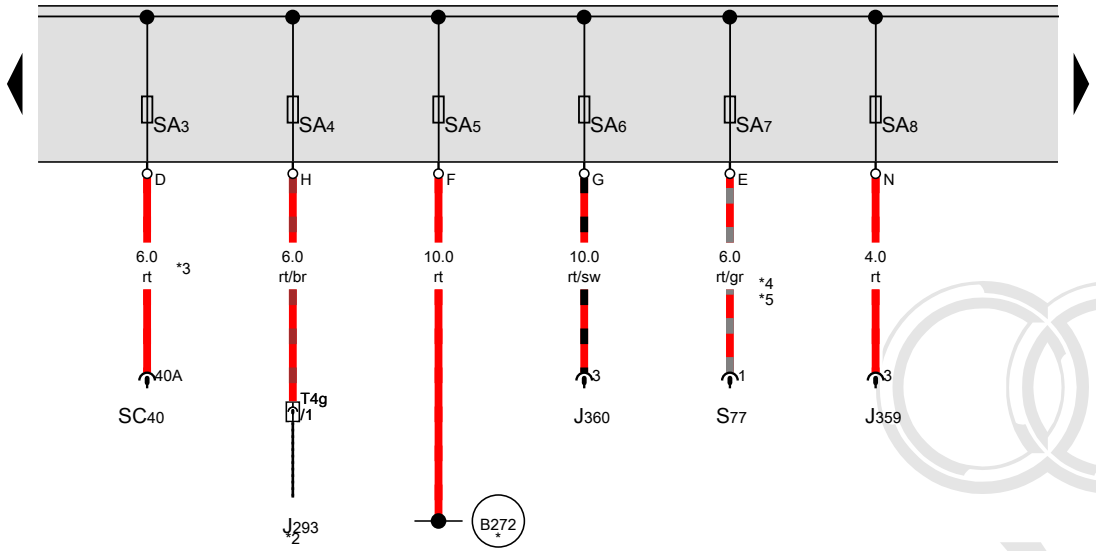


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Alternator, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A

C	Alternator
C1	Voltage regulator
J500	Power steering control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
T2ae	2-pin connector
T2by	2-pin connector
T4ad	4-pin connector
T8a	8-pin connector, near front left longitudinal member
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment
*2	Only models with 140A alternator
*3	Wiring colour depends on equipment

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



Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A, Fuse 8 on fuse holder A

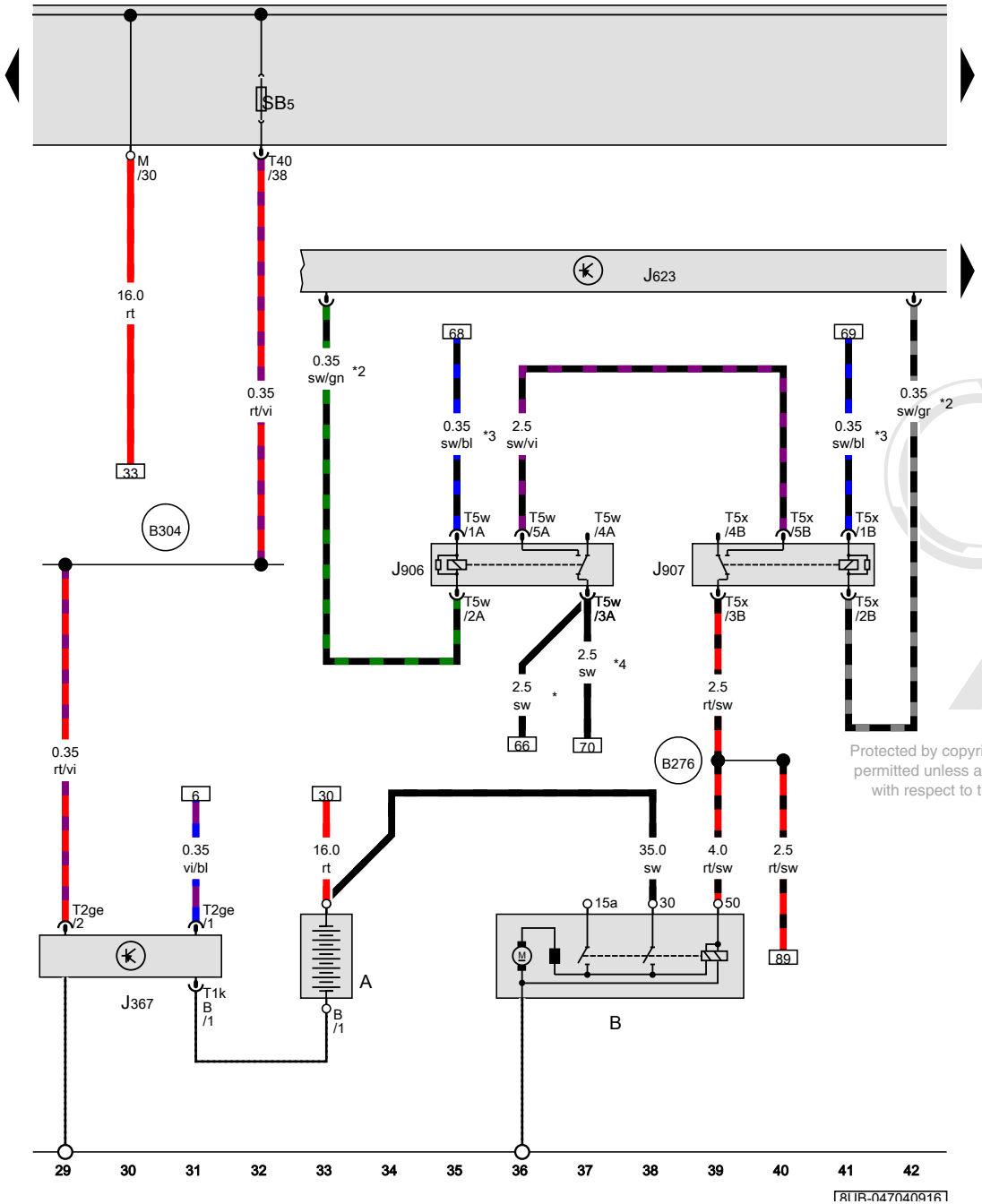
J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SC40	Fuse 40 on fuse holder C
S77	Terminal 30 fuse, trailer towing attachment
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for towing bracket
*4	Only models with preparation for trailer coupling
*5	Cross section depends on equipment

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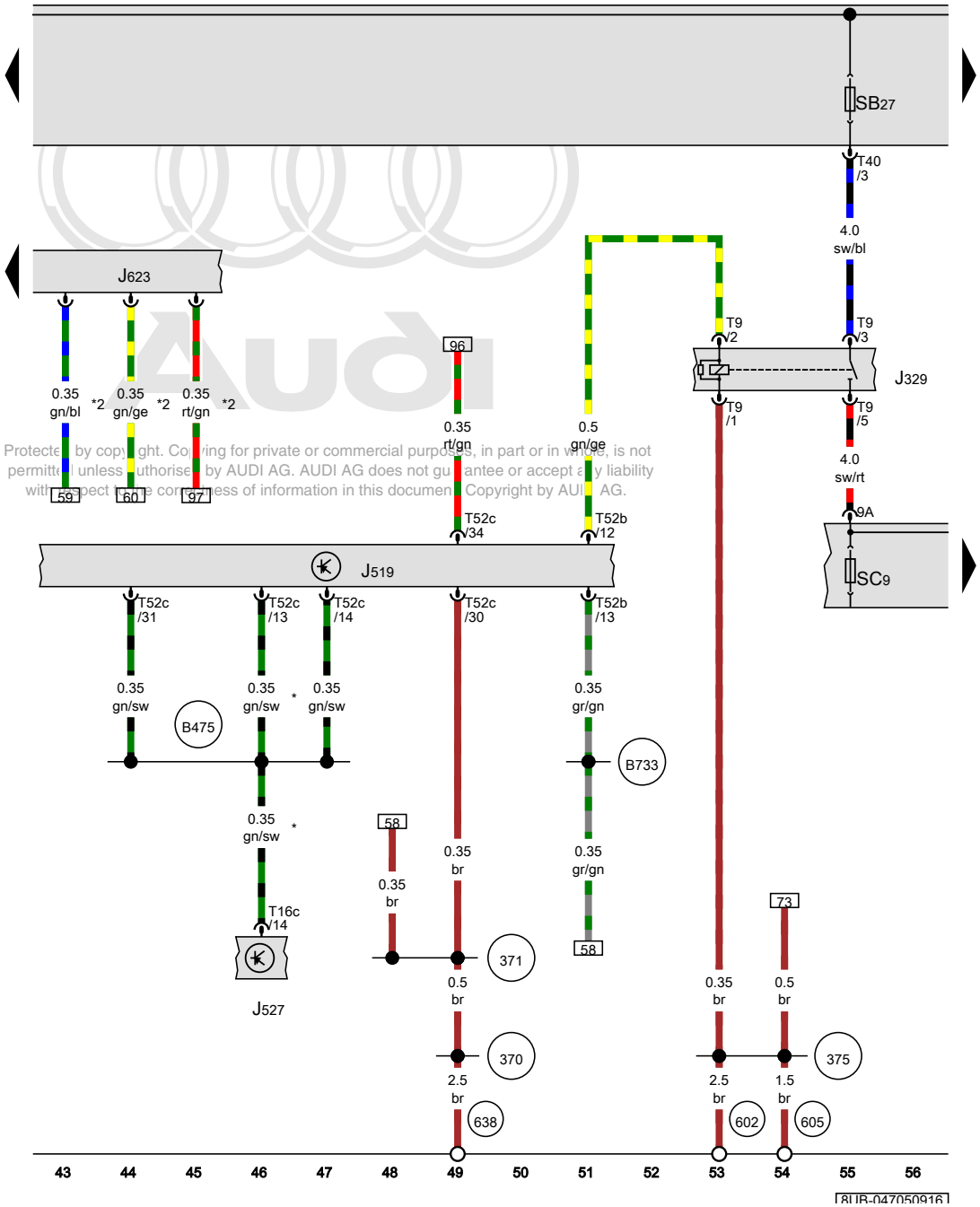


Battery, Starter, Engine control unit, Starter relay 1, Starter relay 2

A	Battery
B	Starter
J367	Battery monitor control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB5	Fuse 5 on fuse holder B
T1a	1-pin connector
T1k	1-pin connector
T2ge	2-pin connector
T5w	5-pin connector, green
T5x	5-pin connector, green
T40	40-pin connector
B276	Positive connection (50), in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment
*4	Gradually discontinued

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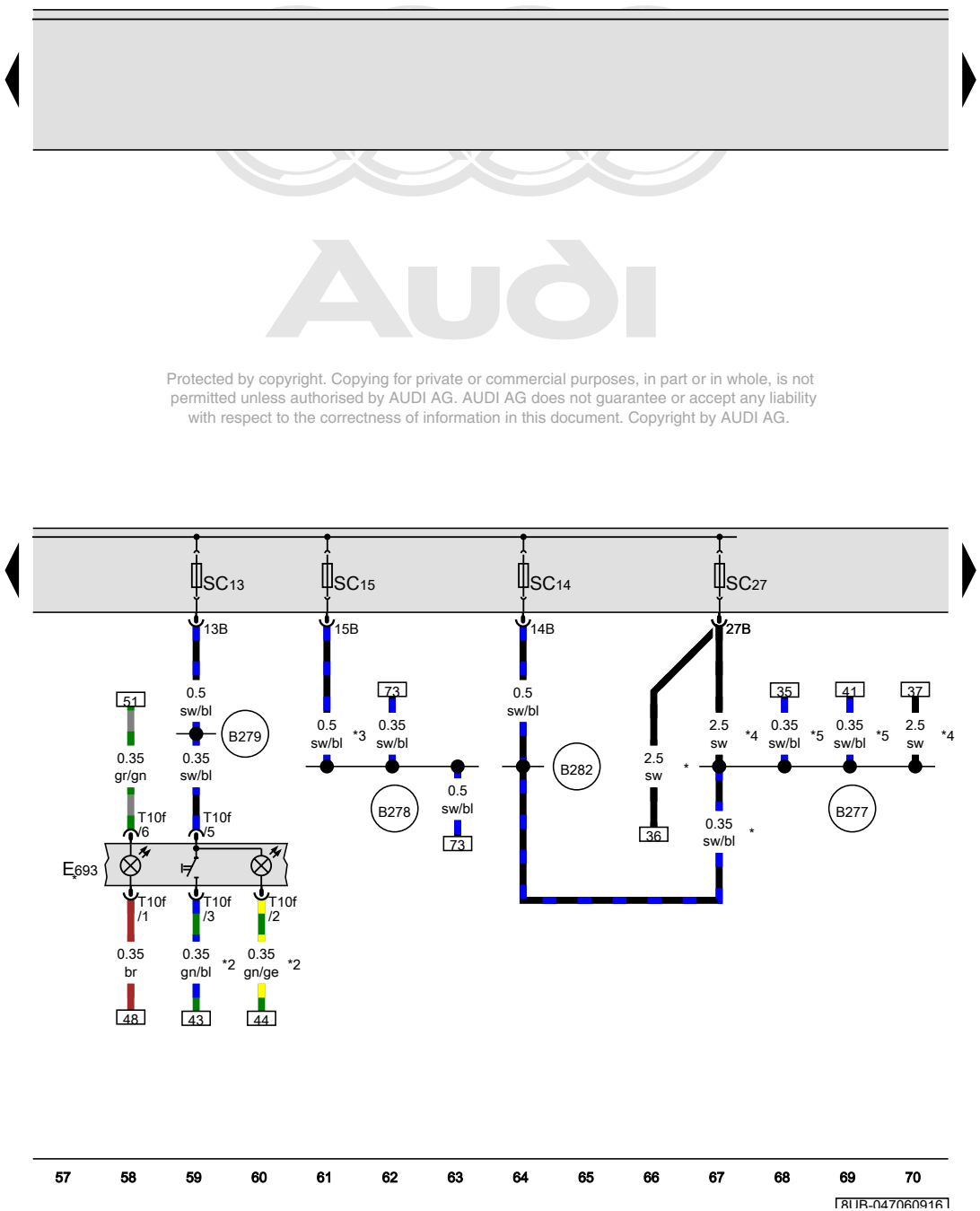


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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
T9	9-pin connector
T16c	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only models with no entry and start authorisation
*2	see applicable current flow diagram for engine

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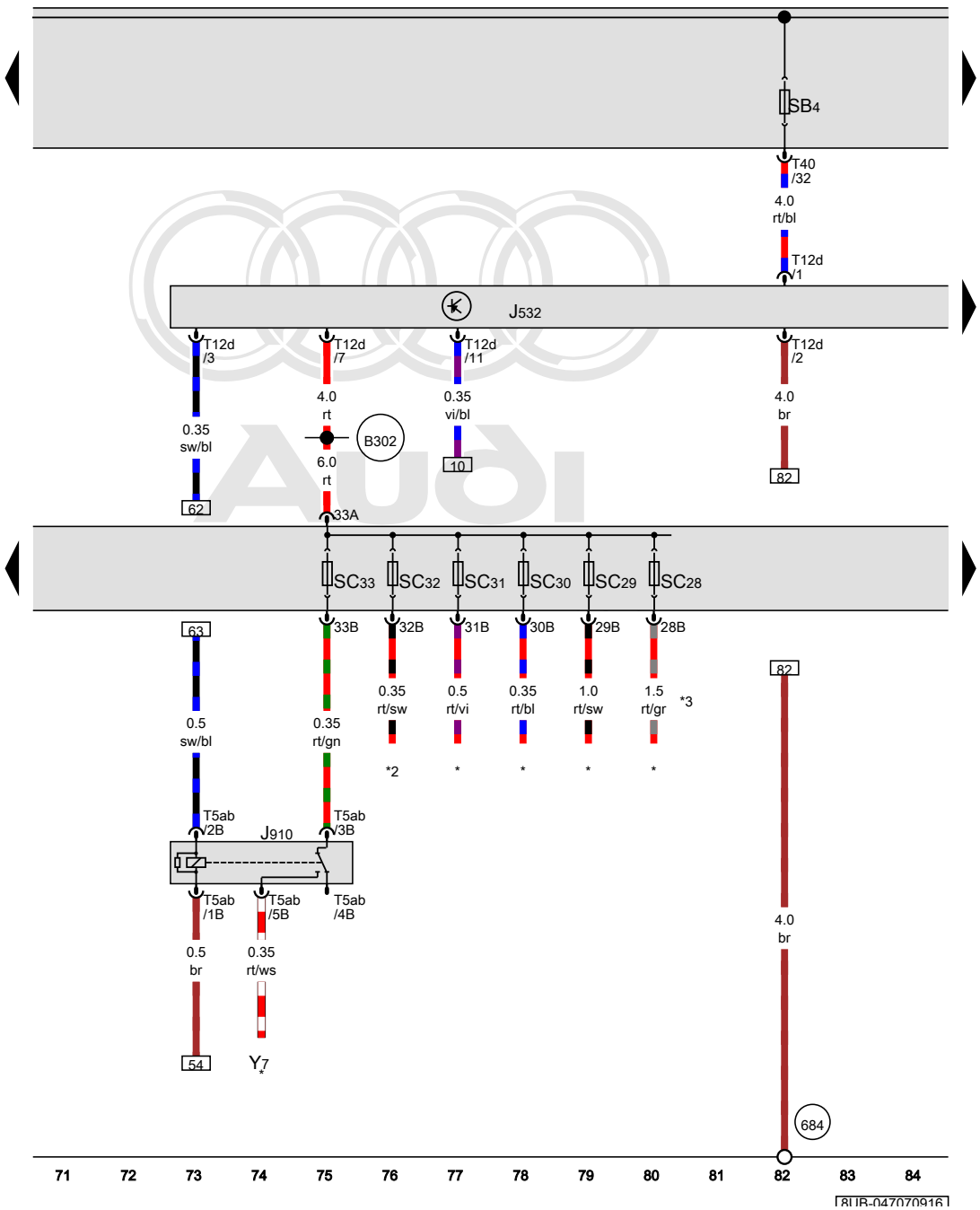


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Start/Stop operation button

E693	Start/Stop operation button
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC27	Fuse 27 on fuse holder C
T10f	10-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	Gradually discontinued
*5	Wiring colour depends on equipment

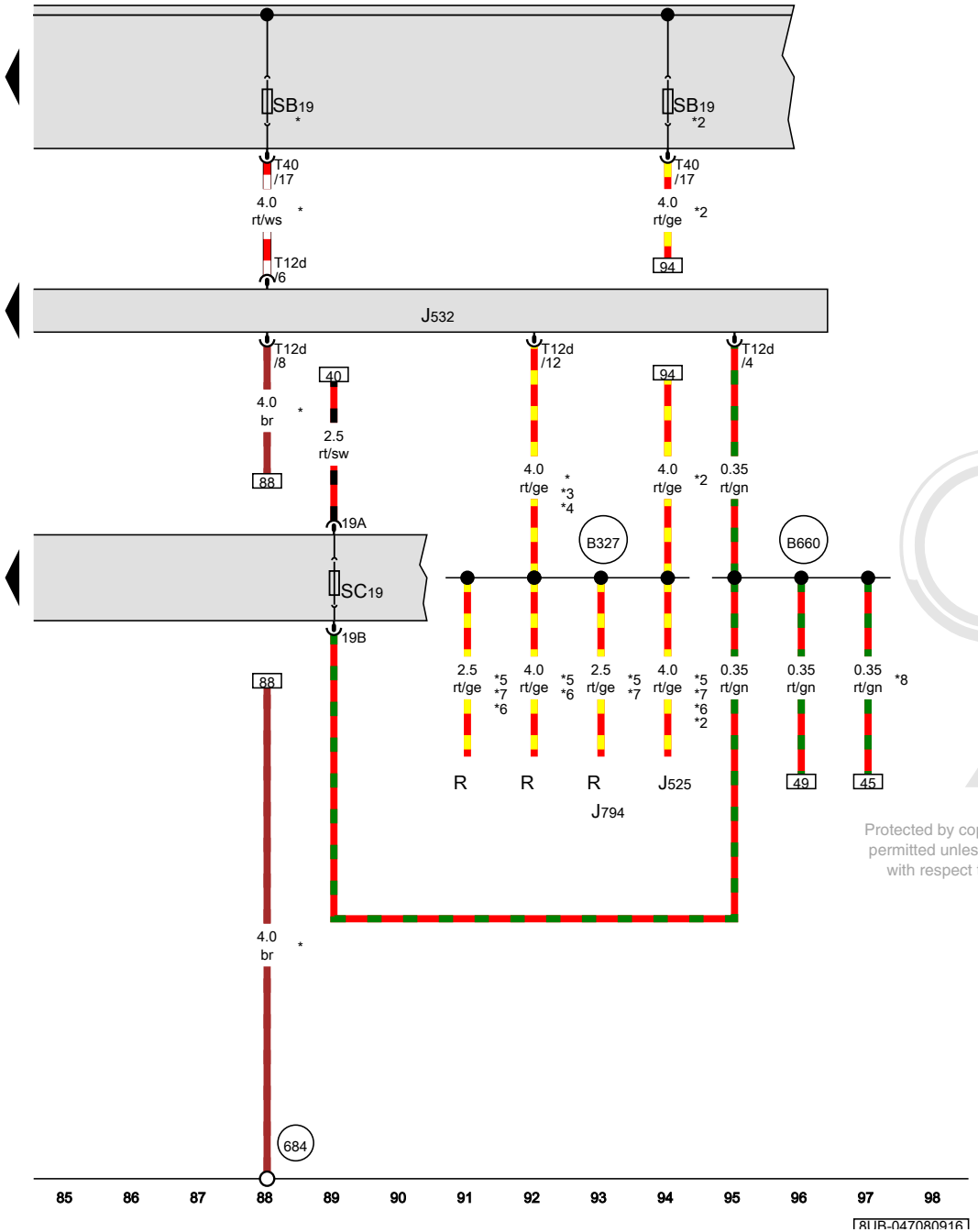
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Voltage stabiliser, Relay for automatic anti-dazzle interior mirror

J532	Voltage stabiliser
J910	Relay for automatic anti-dazzle interior mirror
SB4	Fuse 4 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T5ab	5-pin connector, white
T12d	12-pin connector
T40	40-pin connector
Y7	Automatic anti-dazzle interior mirror
684	Earth point on front of left side member
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for basic equipment
*3	Wiring colour depends on equipment

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



Voltage stabiliser

J525	Digital sound package control unit
J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R	Radio
SB19	Fuse 19 on fuse holder B
SC19	Fuse 19 on fuse holder C
T12d	12-pin connector
T40	40-pin connector
684	Earth point on front of left side member
B327	Positive connection 13 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with 400 W voltage stabiliser
*2	Only models with BOSE sound system
*3	Only models with active loudspeakers
*4	Only models with passive loudspeakers
*5	see applicable current flow diagram
*6	Only models with MMI
*7	Only models with radio concert
*8	see applicable current flow diagram for engine

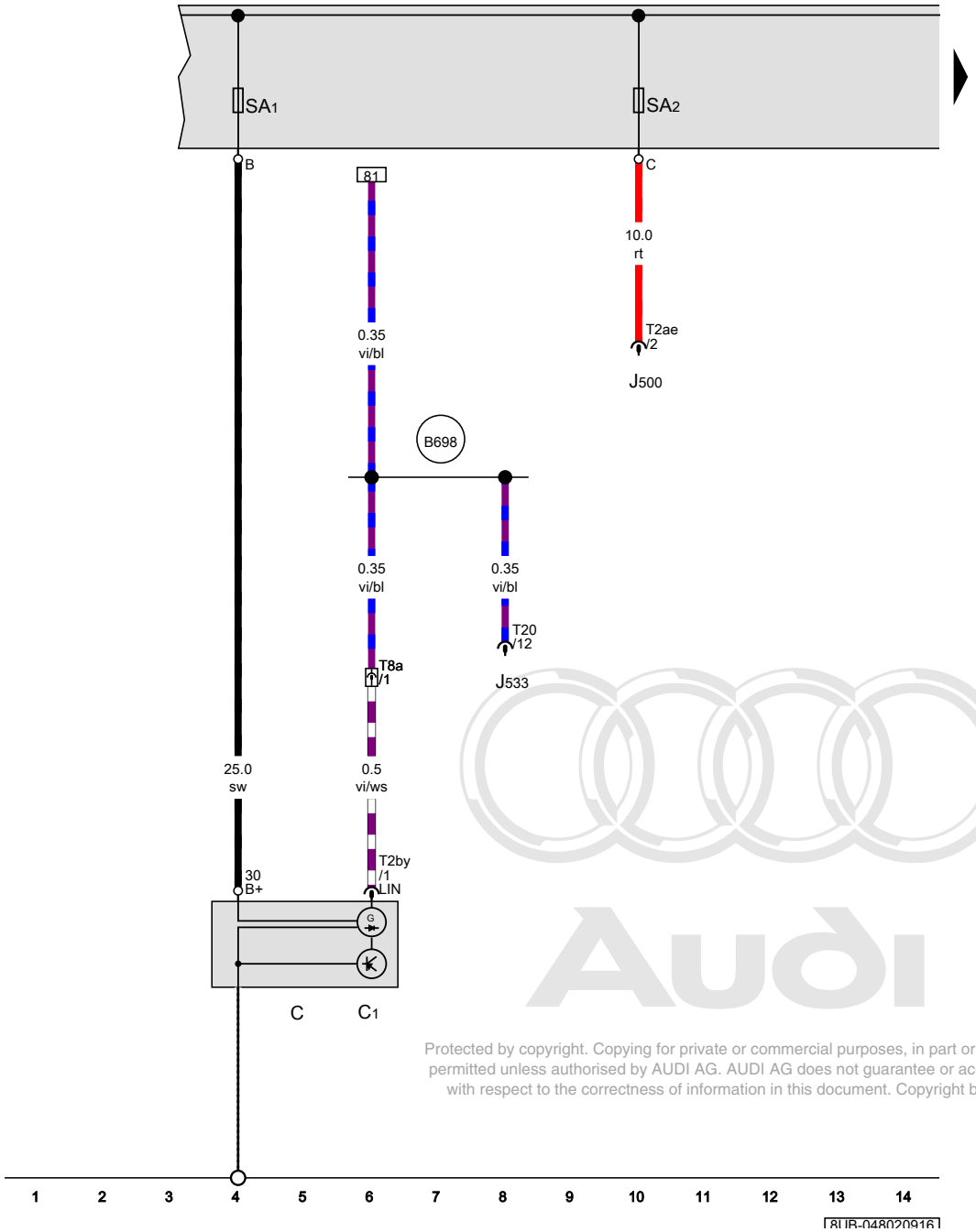
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Battery in luggage compartment with energy recovery , (7L7)

From May 2013

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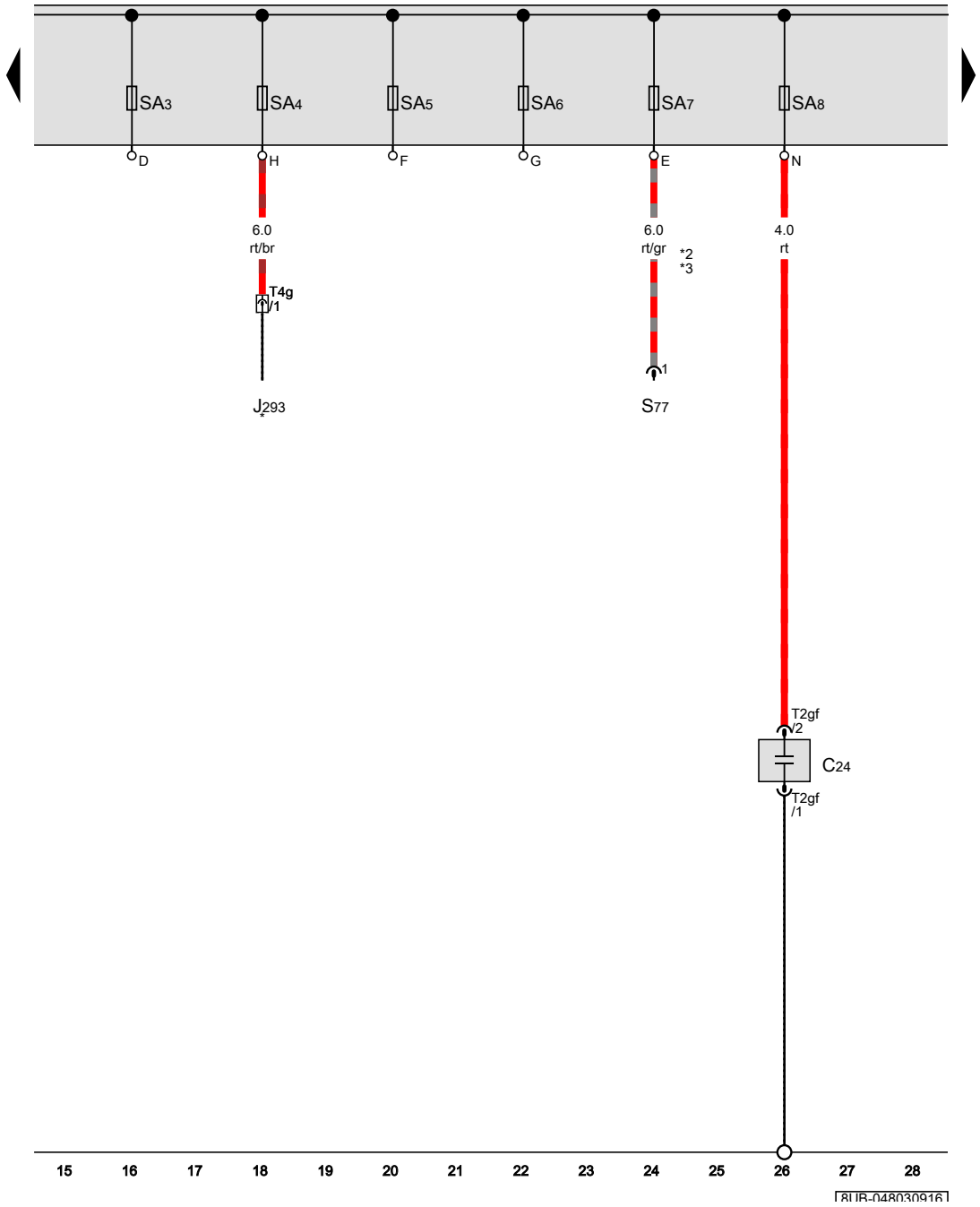


Alternator, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A

C	Alternator
C1	Voltage regulator
J500	Power steering control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
T2ae	2-pin connector
T2by	2-pin connector
T8a	8-pin connector
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness

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sw	=	black
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rt	=	red
br	=	brown
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Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A, Fuse 8 on fuse holder A

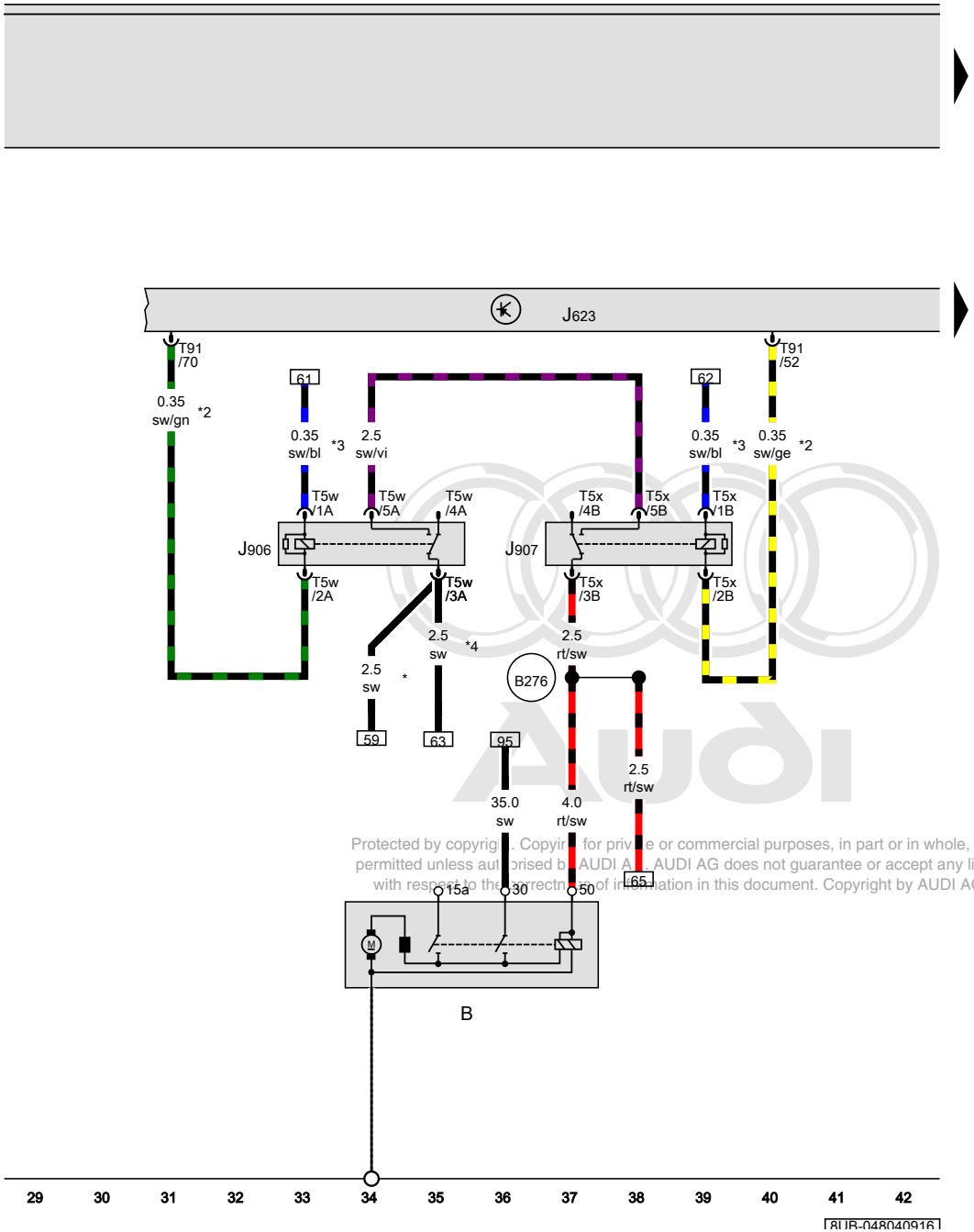
C24	Suppression filter
J293	Radiator fan control unit
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
T2gf	2-pin connector
T4g	4-pin connector
*	see applicable current flow diagram for radiator fan
*2	Only models with preparation for trailer coupling
*3	Cross section depends on equipment

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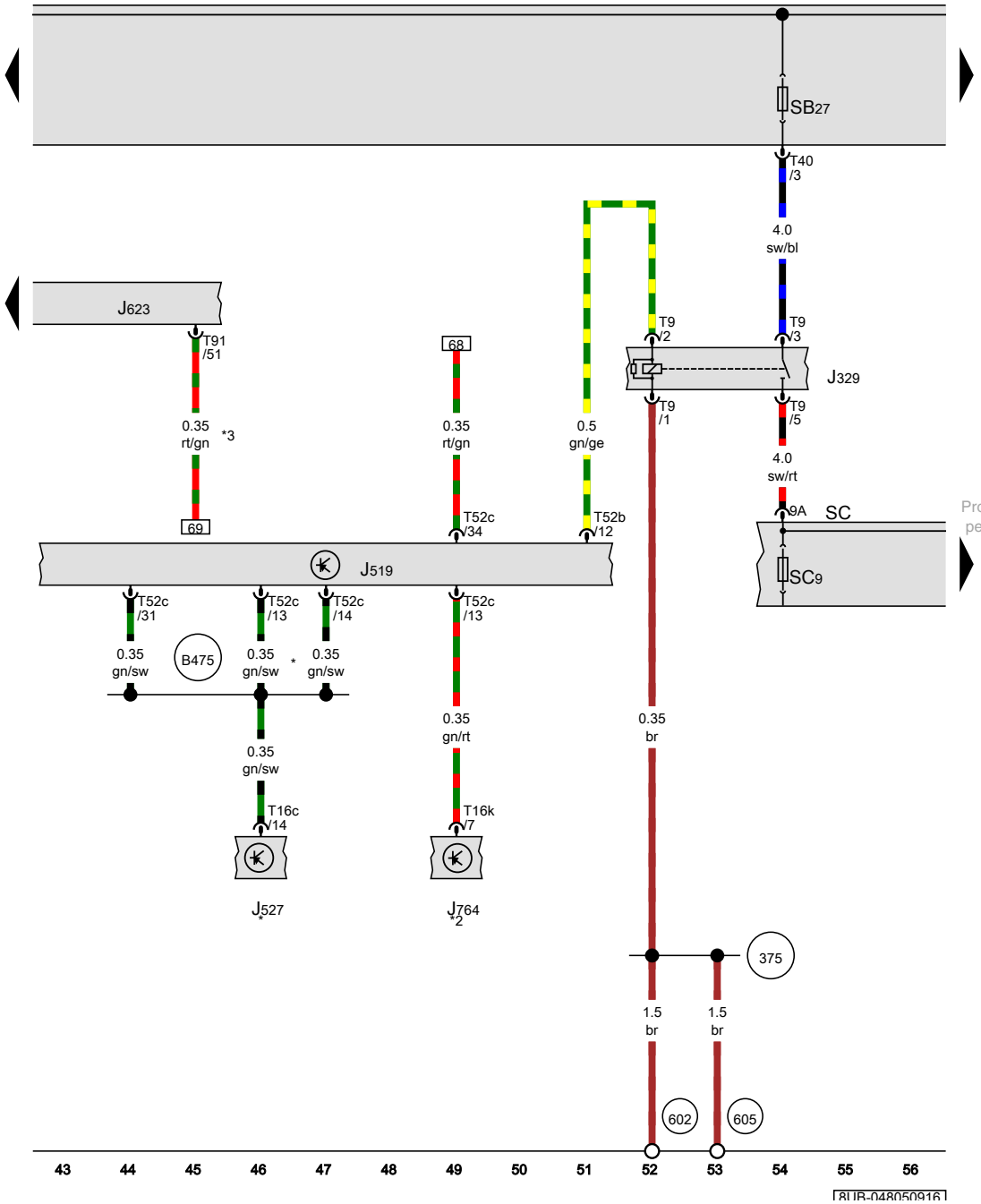
Starter, Engine control unit, Starter relay 1, Starter relay 2

B	Starter
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T1a	1-pin connector
T5w	5-pin connector
T5x	5-pin connector
T91	91-pin connector
B276	Positive connection (50), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment
*4	Gradually discontinued



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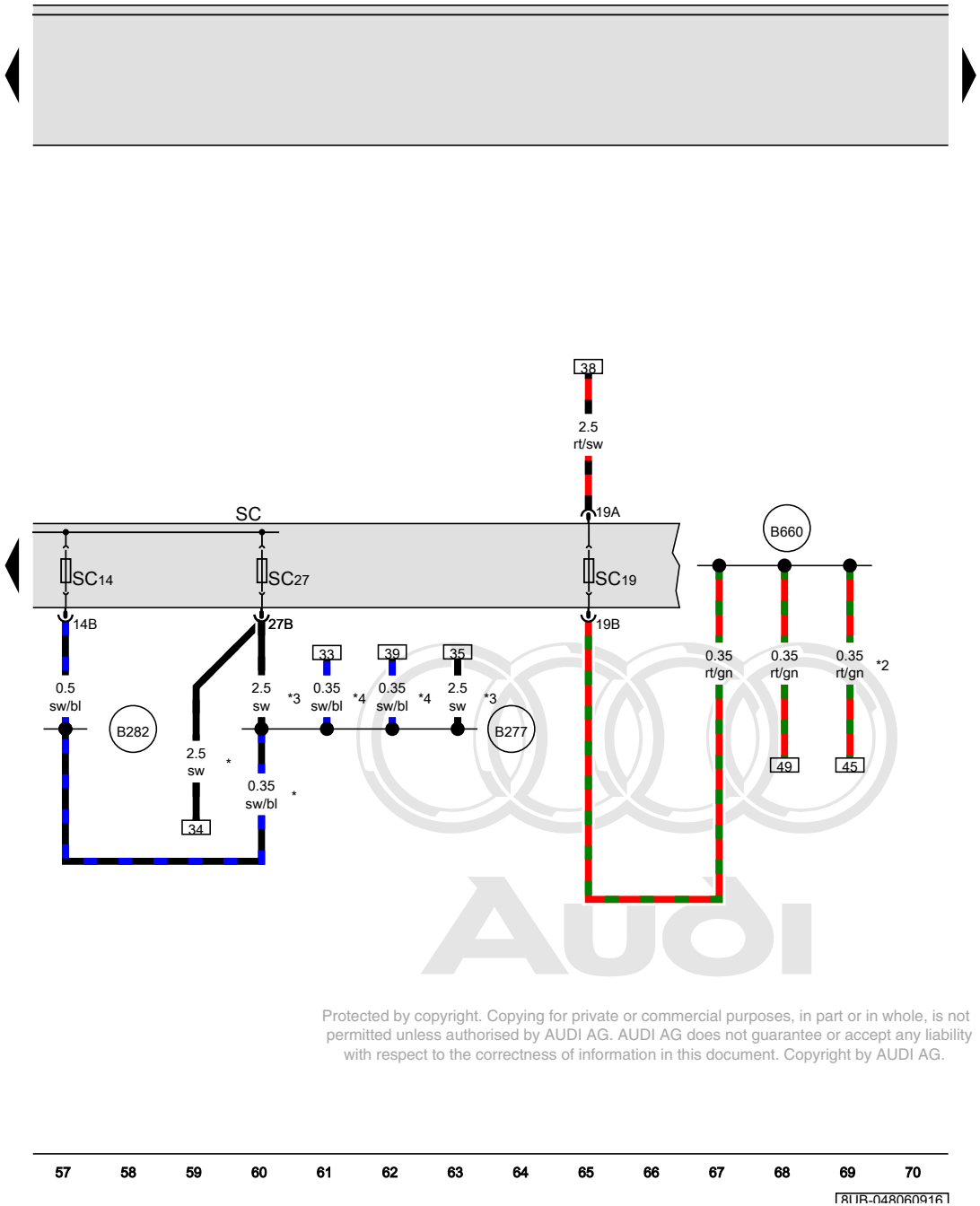


Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
T9	9-pin connector
T16c	16-pin connector
T16k	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
T91	91-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram for engine

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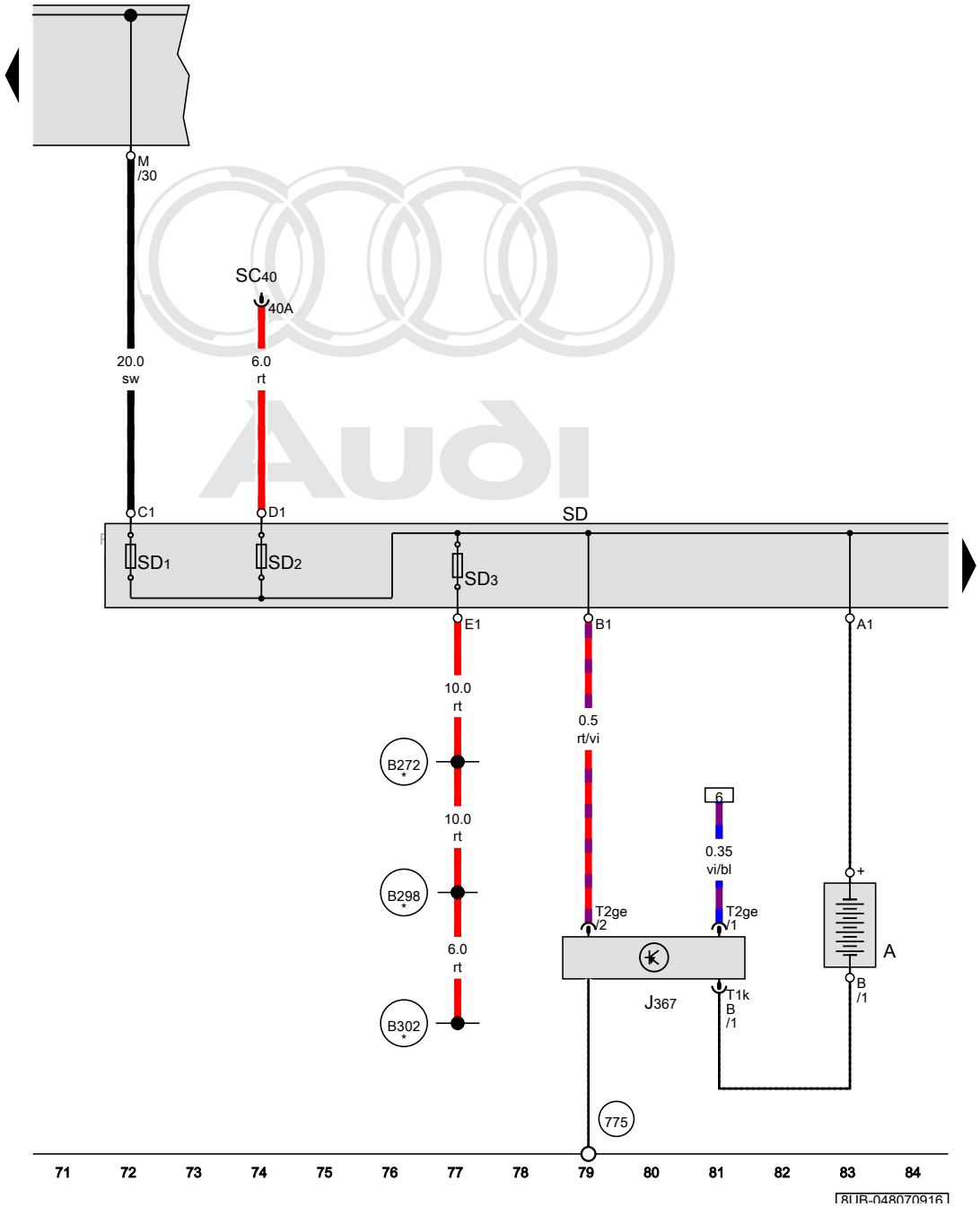


Fuse holder C

SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC27	Fuse 27 on fuse holder C
B277	Positive connection 1 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Gradually discontinued
*4	Wiring colour depends on equipment

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



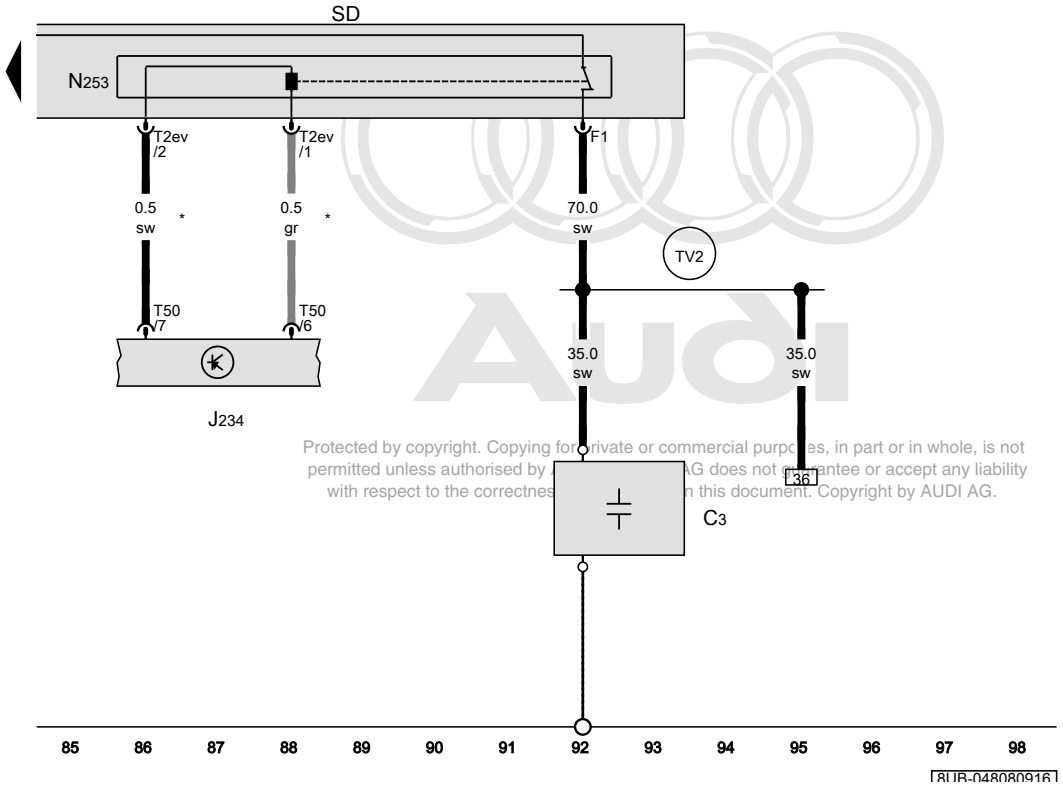
Battery, Fuse holder D

A	Battery
J367	Battery monitor control unit
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
SC40	Fuse 40 on fuse holder C
SD	Fuse holder D
T1k	1-pin connector
T2ge	2-pin connector
775	Earth point 3, on right in luggage compartment
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram

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

Terminal B+ suppressor, Fuse holder D

C3	Terminal B+ suppressor
J234	Airbag control unit
N253	Battery isolation igniter
SD	Fuse holder D
T2ev	2-pin connector
T50	50-pin connector
TV2	Terminal 30 wiring junction
*	Cross section depends on equipment



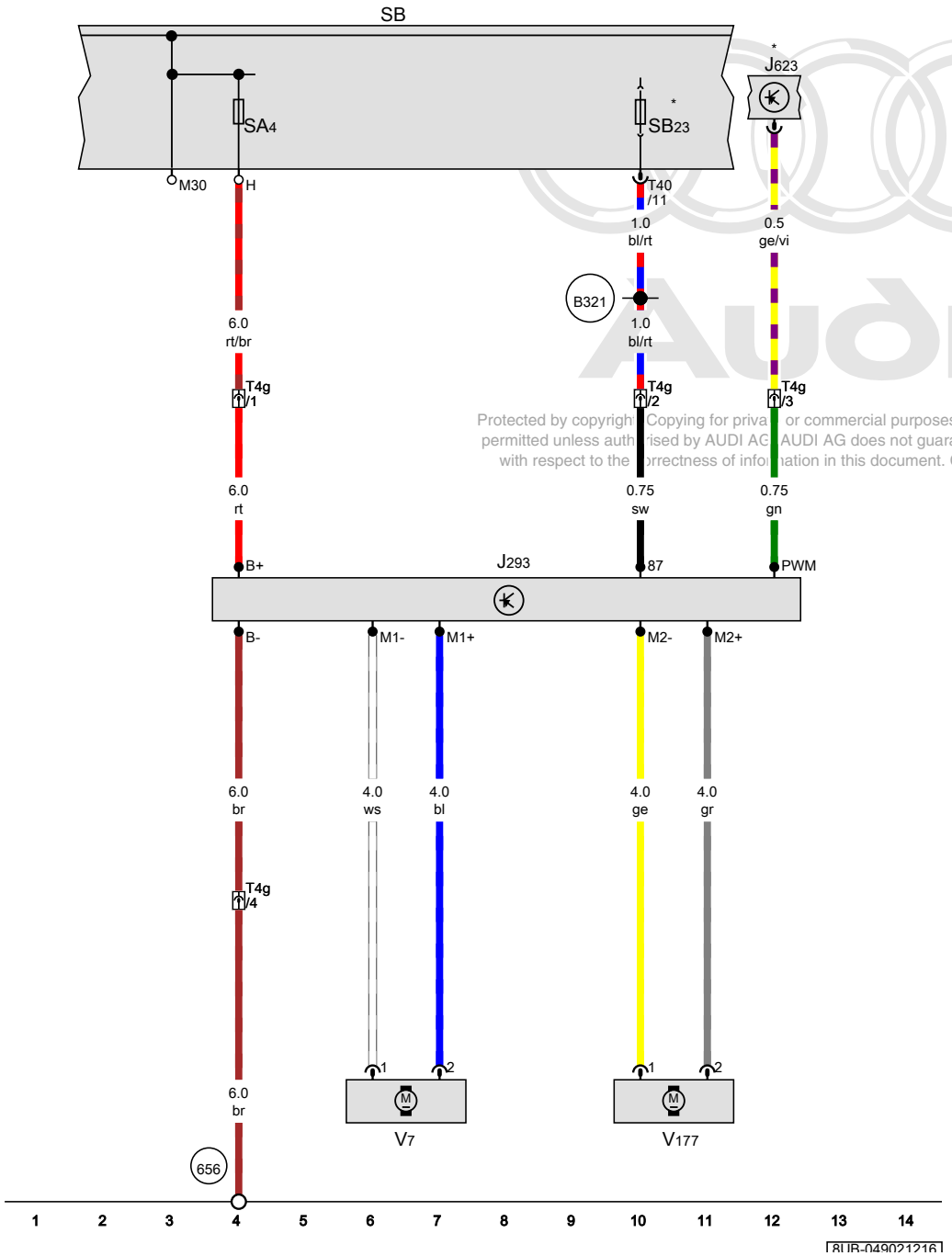
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Radiator fan

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8UB-0490212161

Radiator fan control unit, Fuse holder B, Radiator fan, Radiator fan 2

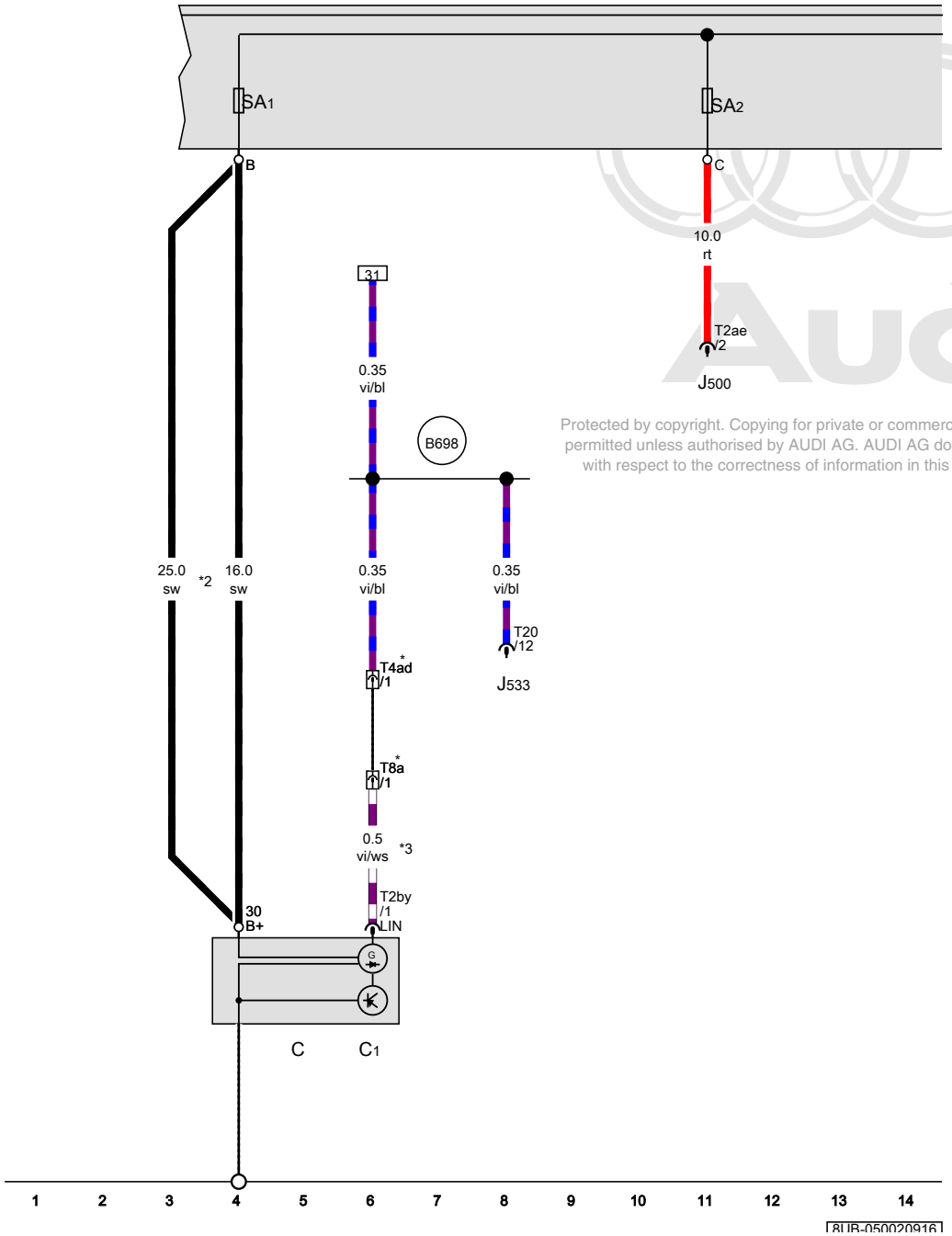
J293	Radiator fan control unit
J623	Engine control unit
SA4	Fuse 4 on fuse holder A
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
T4g	4-pin connector
T40	40-pin connector
V7	Radiator fan
V177	Radiator fan 2
656	Earth point, on right headlight
B321	Positive connection 7 (30a) in main wiring harness
*	see applicable current flow diagram for engine

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

Battery in engine compartment for models with energy recovery , (7L7)

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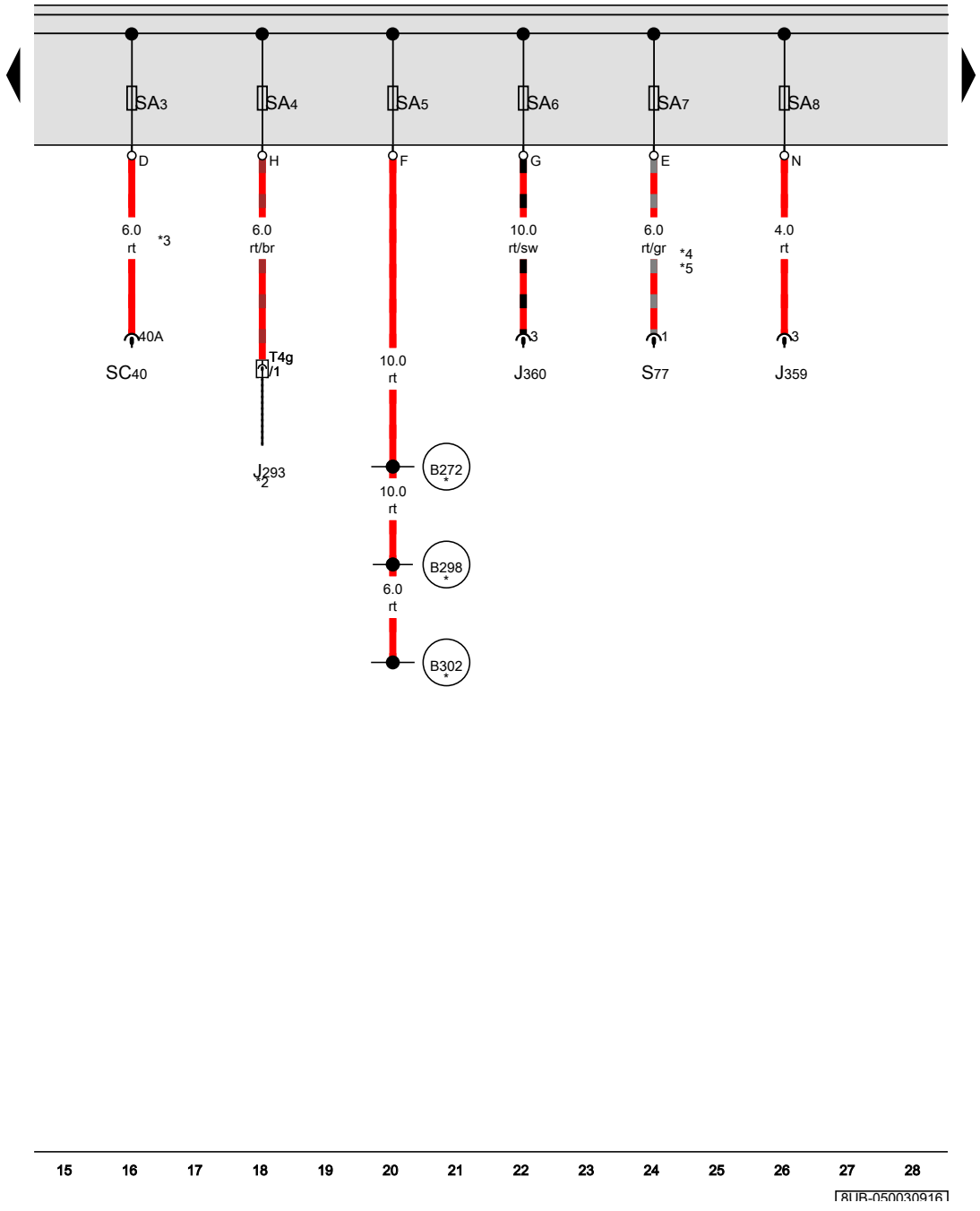


Alternator, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A

C	Alternator
C1	Voltage regulator
J500	Power steering control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
T2ae	2-pin connector
T2by	2-pin connector
T4ad	4-pin connector
T8a	8-pin connector
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment
*2	Only models with 140A alternator
*3	Wiring colour depends on equipment

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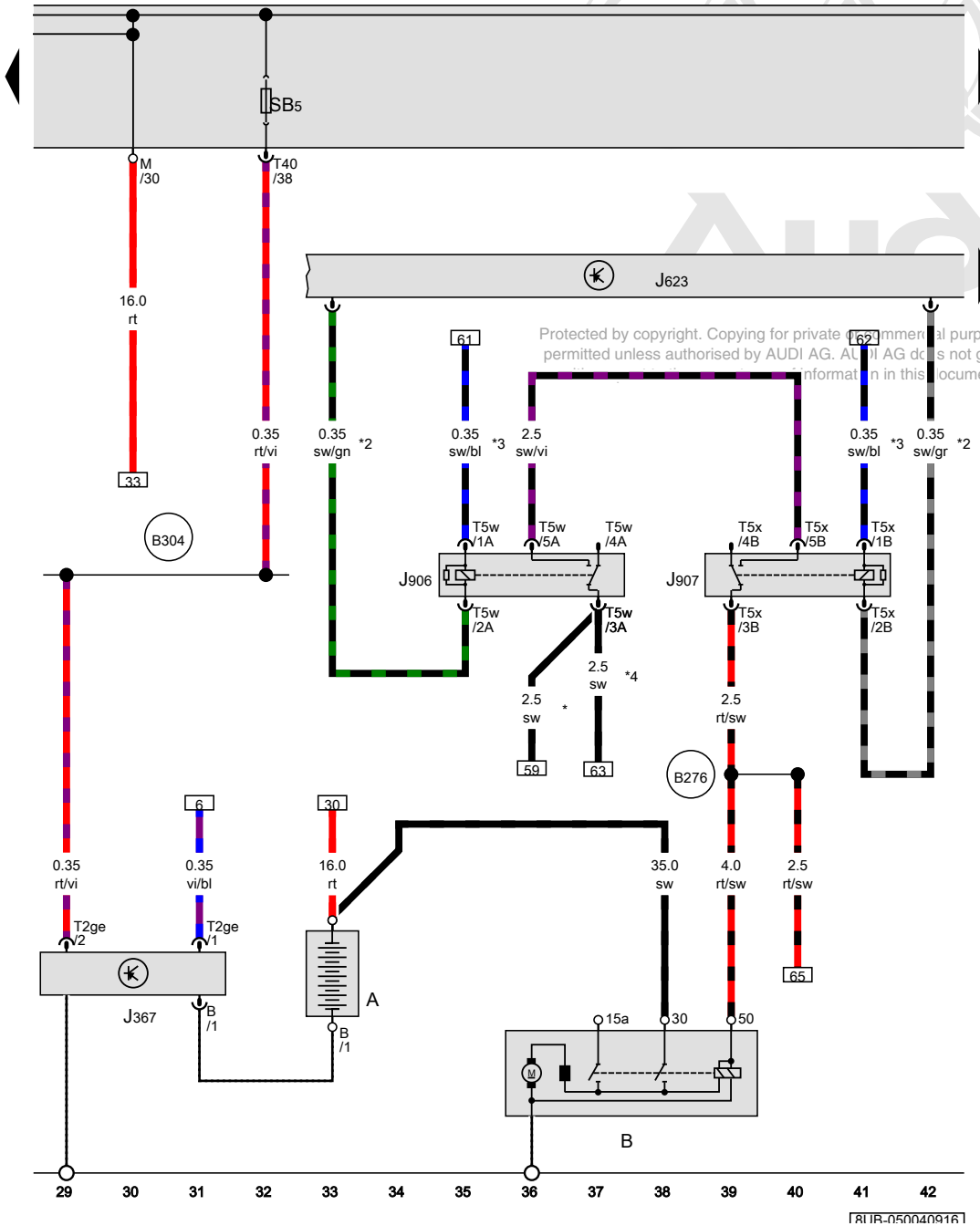


Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A, Fuse 8 on fuse holder A

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
SC40	Fuse 40 on fuse holder C
S77	Terminal 30 fuse, trailer towing attachment
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for towing bracket
*4	Only models with preparation for trailer coupling
*5	Cross section depends on equipment

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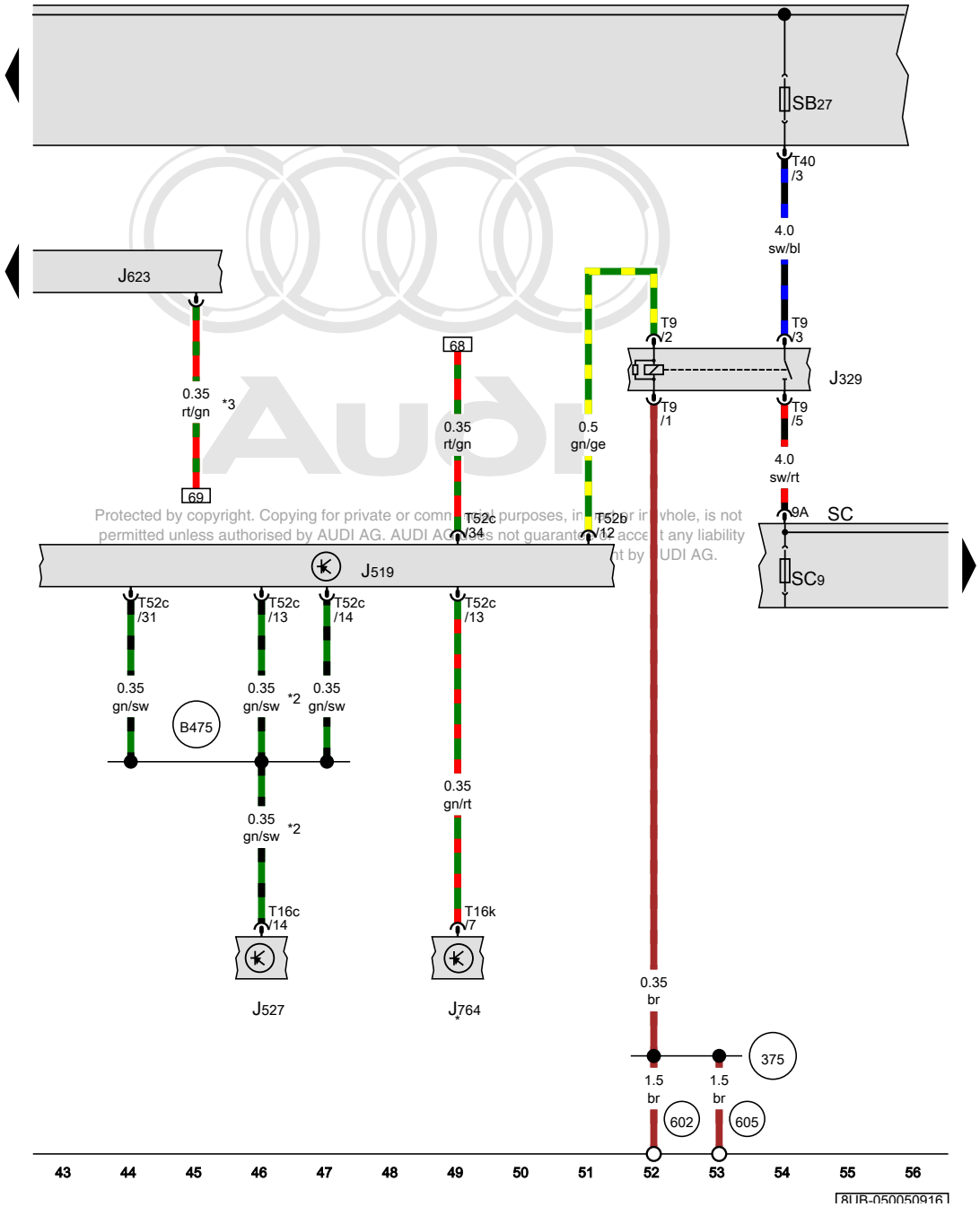


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Battery, Starter, Engine control unit, Starter relay 1, Starter relay 2

A	Battery
B	Starter
J367	Battery monitor control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB5	Fuse 5 on fuse holder B
T1a	1-pin connector
T2ge	2-pin connector
T5w	5-pin connector
T5x	5-pin connector
T40	40-pin connector
B276	Positive connection (50), in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment
*4	Gradually discontinued

ws	=	white
sw	=	black
ro	=	red
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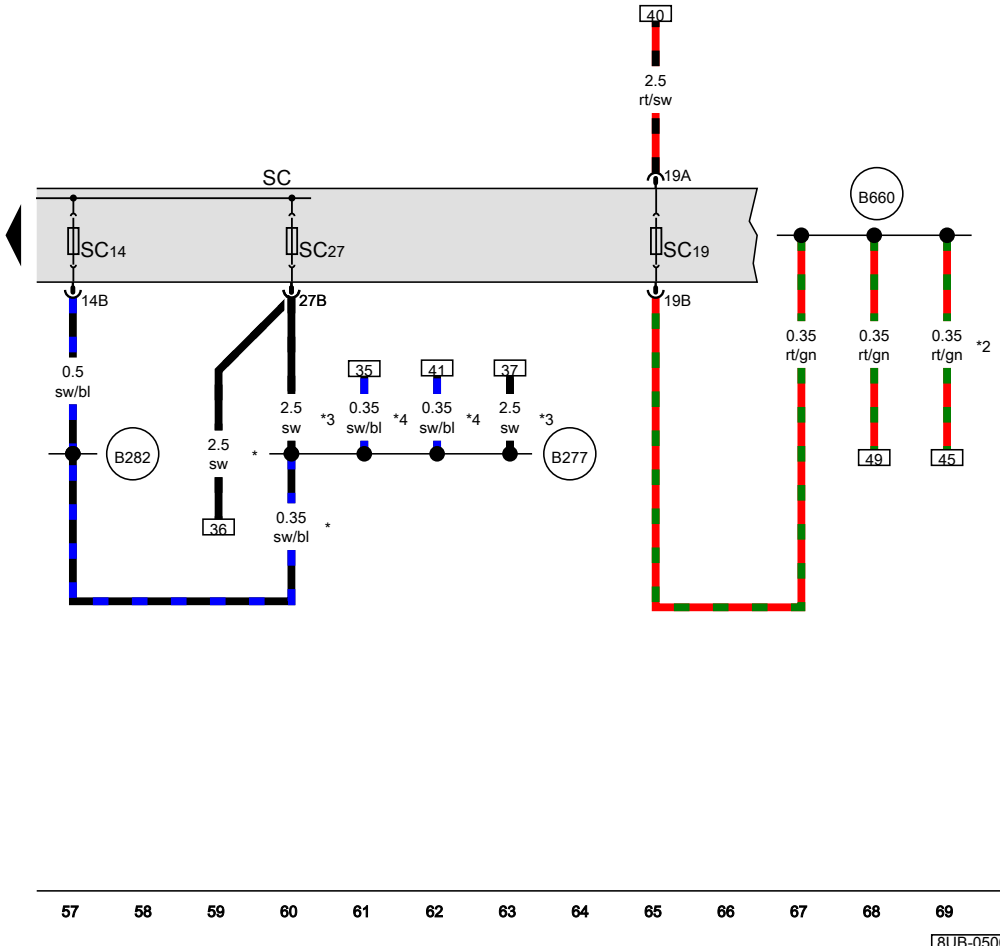
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[8UB-050050916]

Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
T9	9-pin connector
T16c	16-pin connector
T16k	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for engine

ws	=	white
sw	=	black
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or	=	orange
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Fuse holder C

SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC27	Fuse 27 on fuse holder C
B277	Positive connection 1 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Gradually discontinued
*4	Wiring colour depends on equipment

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Basic equipment, right-hand drive , (L0R)

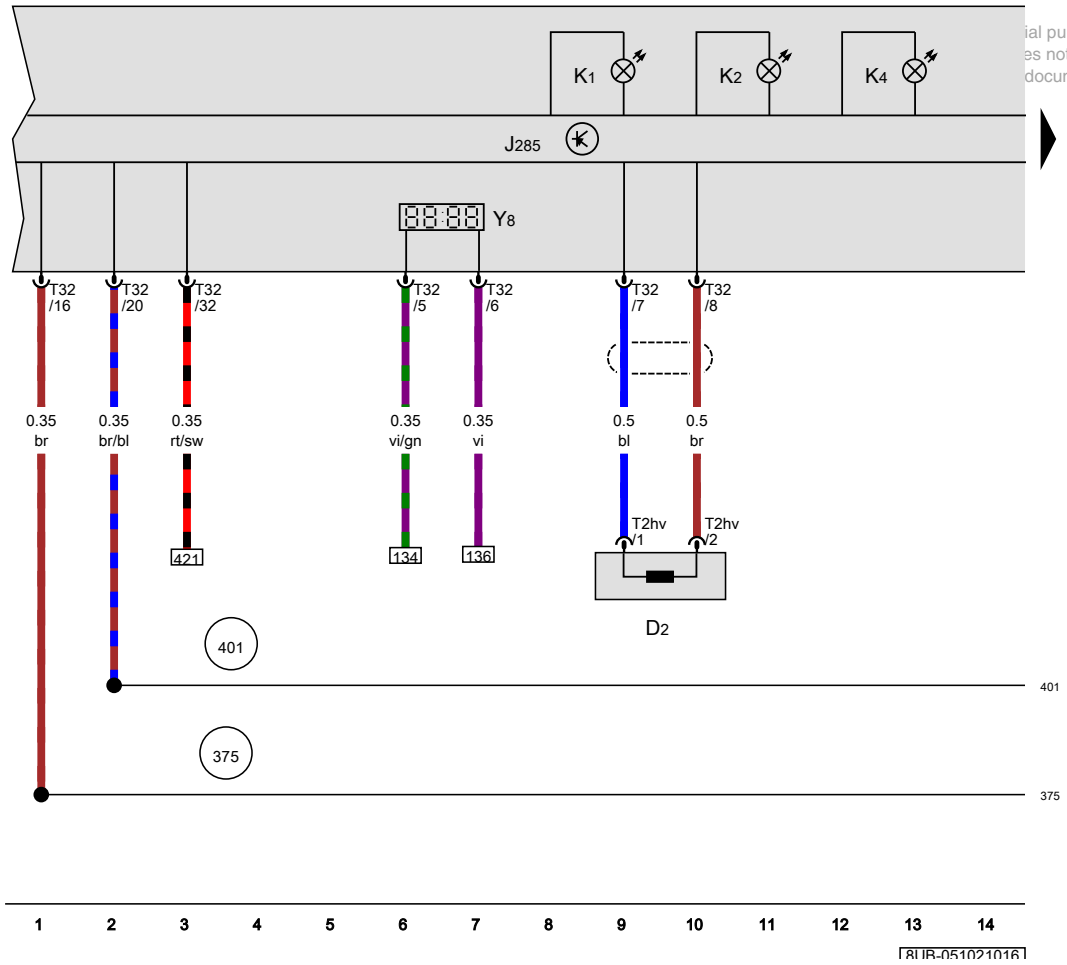
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Immobiliser reader coil, Control unit in dash panel insert

D2	Immobiliser reader coil
J285	Control unit in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light warning lamp
T2hv	2-pin connector, black
T32	32-pin connector, blue
Y8	Radio controlled clock
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness

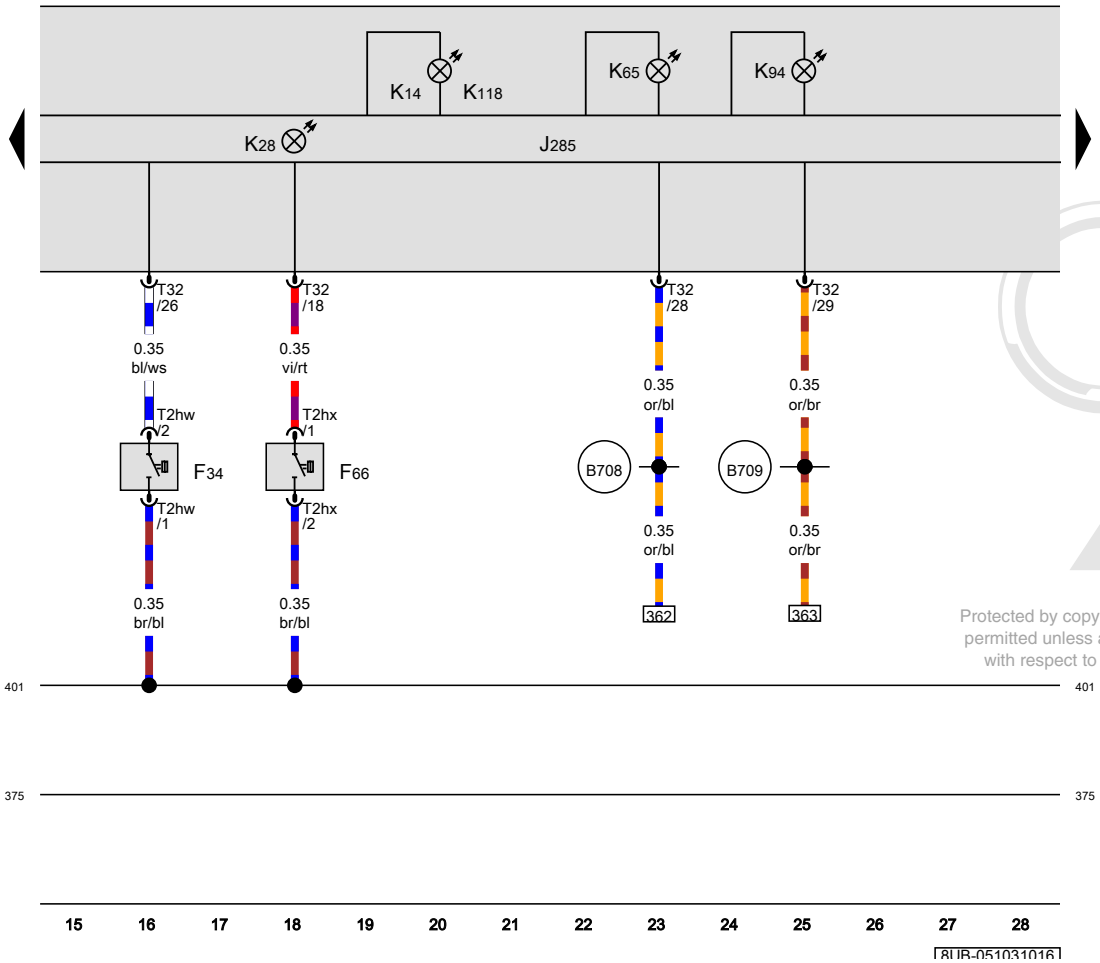
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Brake fluid level warning contact, Coolant shortage indicator switch, Control unit in dash panel insert

F34	Brake fluid level warning contact
F66	Coolant shortage indicator switch
J285	Control unit in dash panel insert
K14	Handbrake warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K118	Brake system warning lamp
T2hw	2-pin connector
T2hx	2-pin connector
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



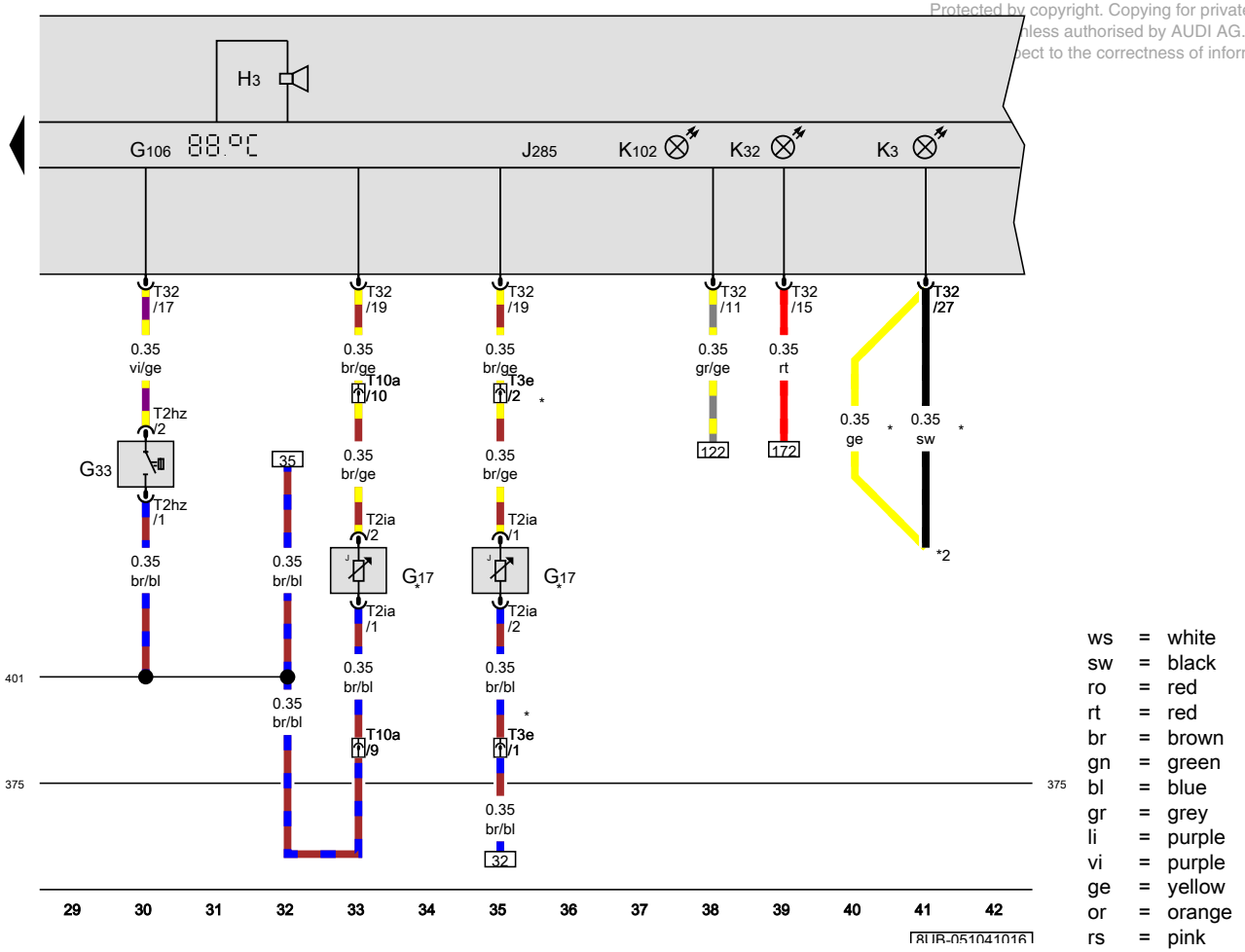
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Ambient temperature sensor, Windscreen washer fluid level sender, Control unit in dash panel insert

G17	Ambient temperature sensor
G33	Windscreen washer fluid level sender
G106	Ambient temperature indicator
H3	Buzzer and gong
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K32	Brake pad warning lamp
K102	Rear lid closed warning lamp,
T2hz	2-pin connector
T2ia	2-pin connector
T3e	3-pin connector
T10a	10-pin connector, in front bumper on left
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine

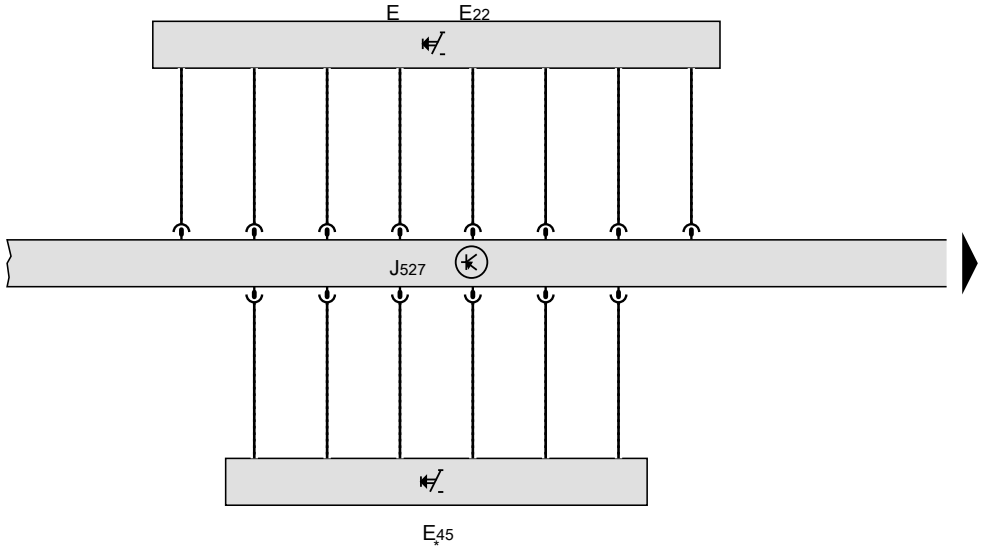
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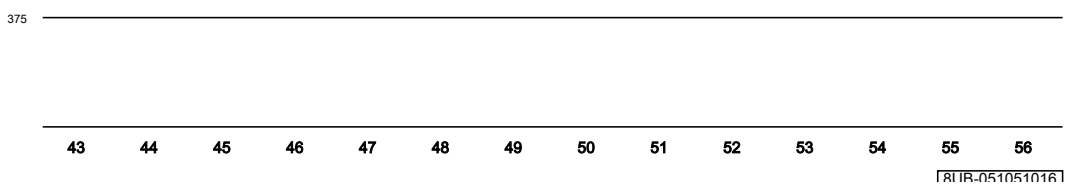


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rs	=	pink

Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit

E	Windscreen wiper switch
E22	Intermittent wiper switch
E45	Cruise control system switch
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness
*	Only models with cruise control system (CCS)



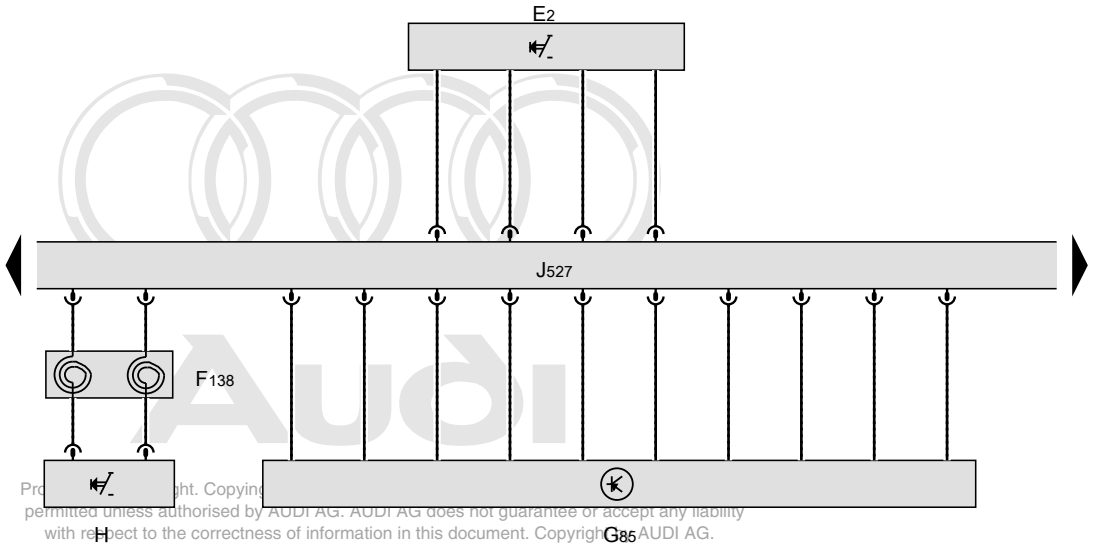


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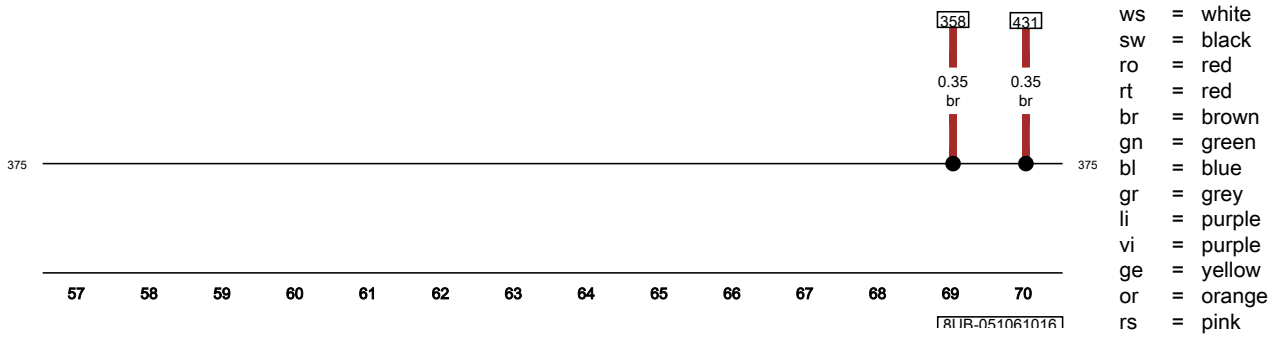
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Turn signal switch, Steering angle sender, Horn plate, Steering column electronics control unit

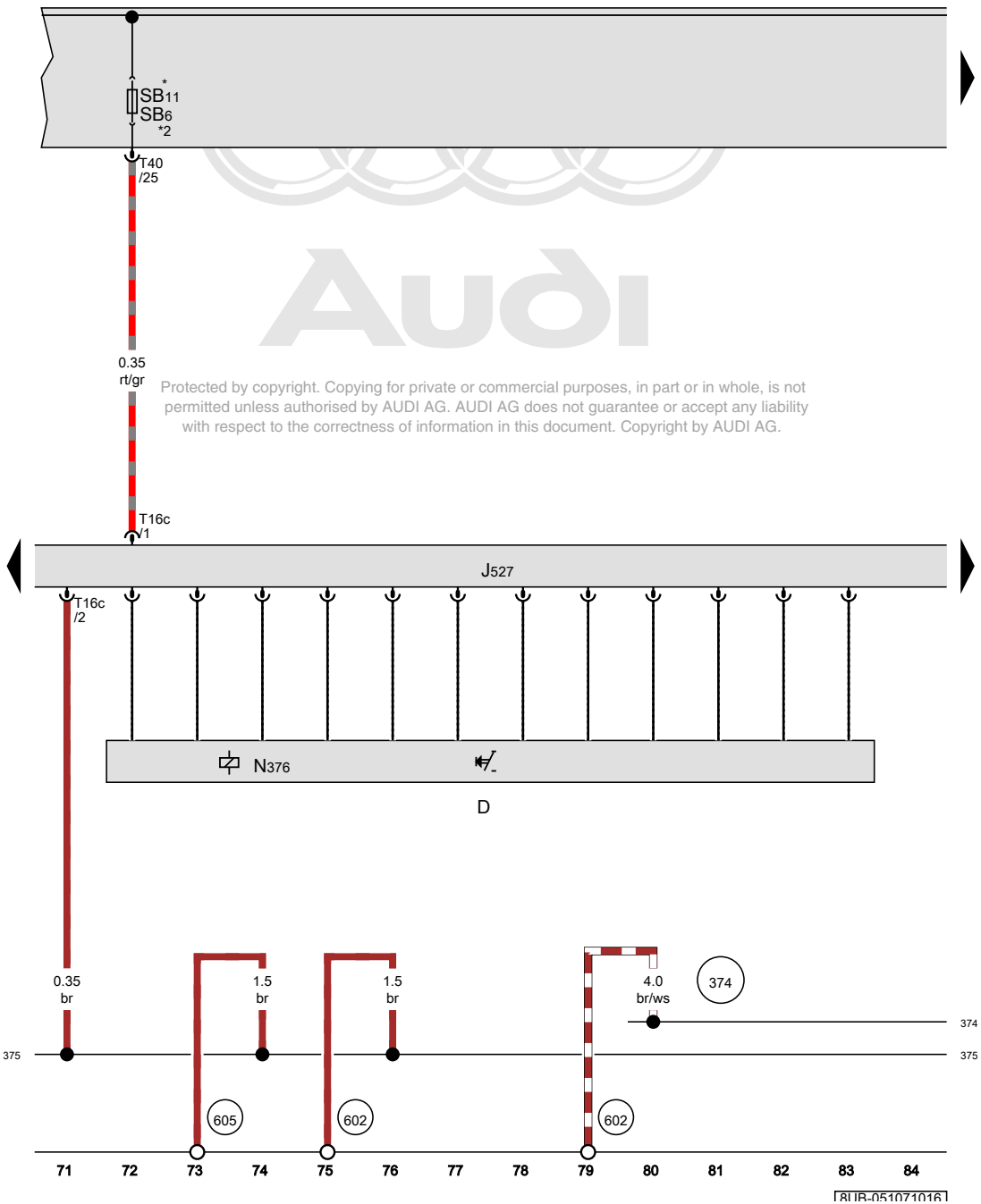
E2	Turn signal switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness



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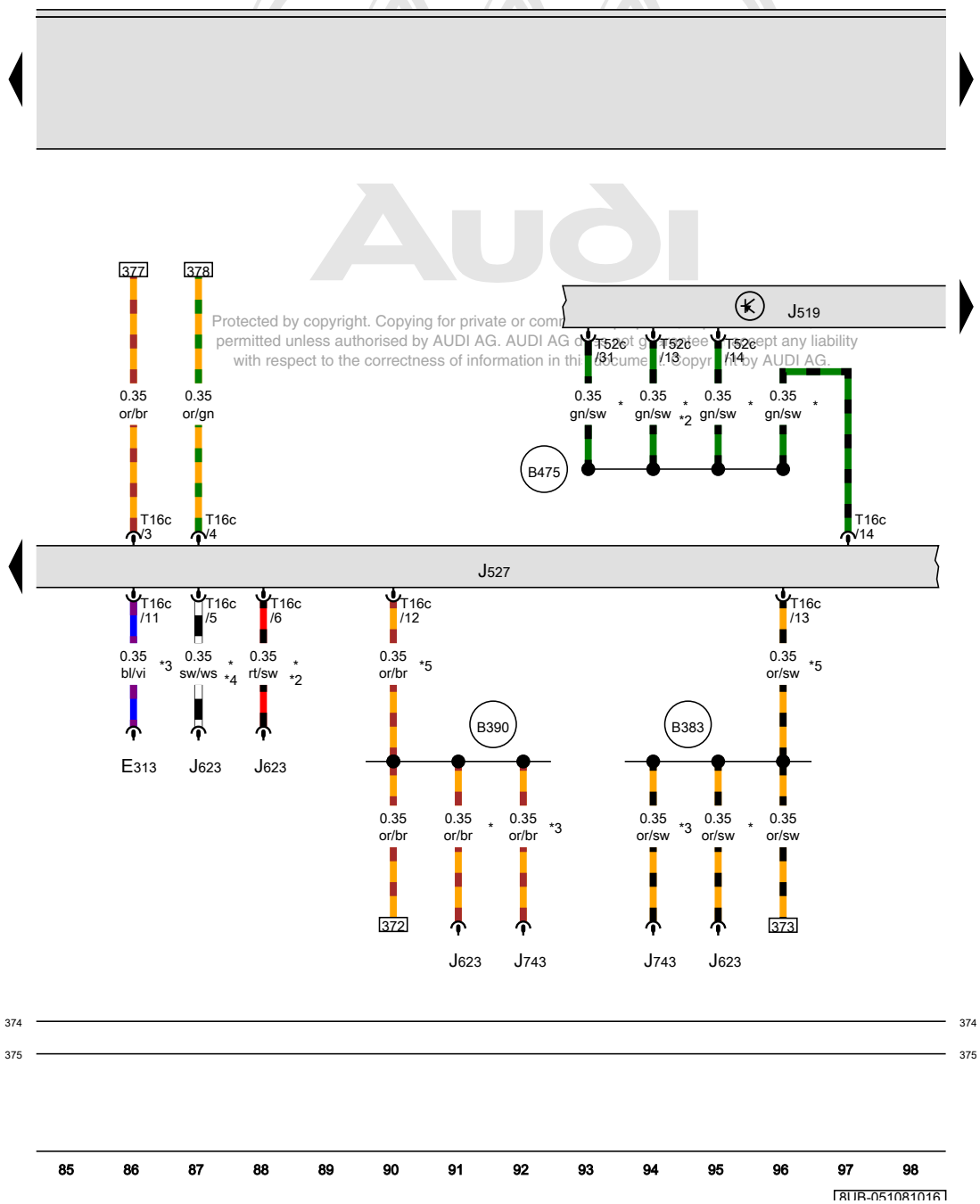


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Ignition/starter switch, Steering column electronics control unit

D	Ignition/starter switch
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	From November 2012
*2	Up to October 2012

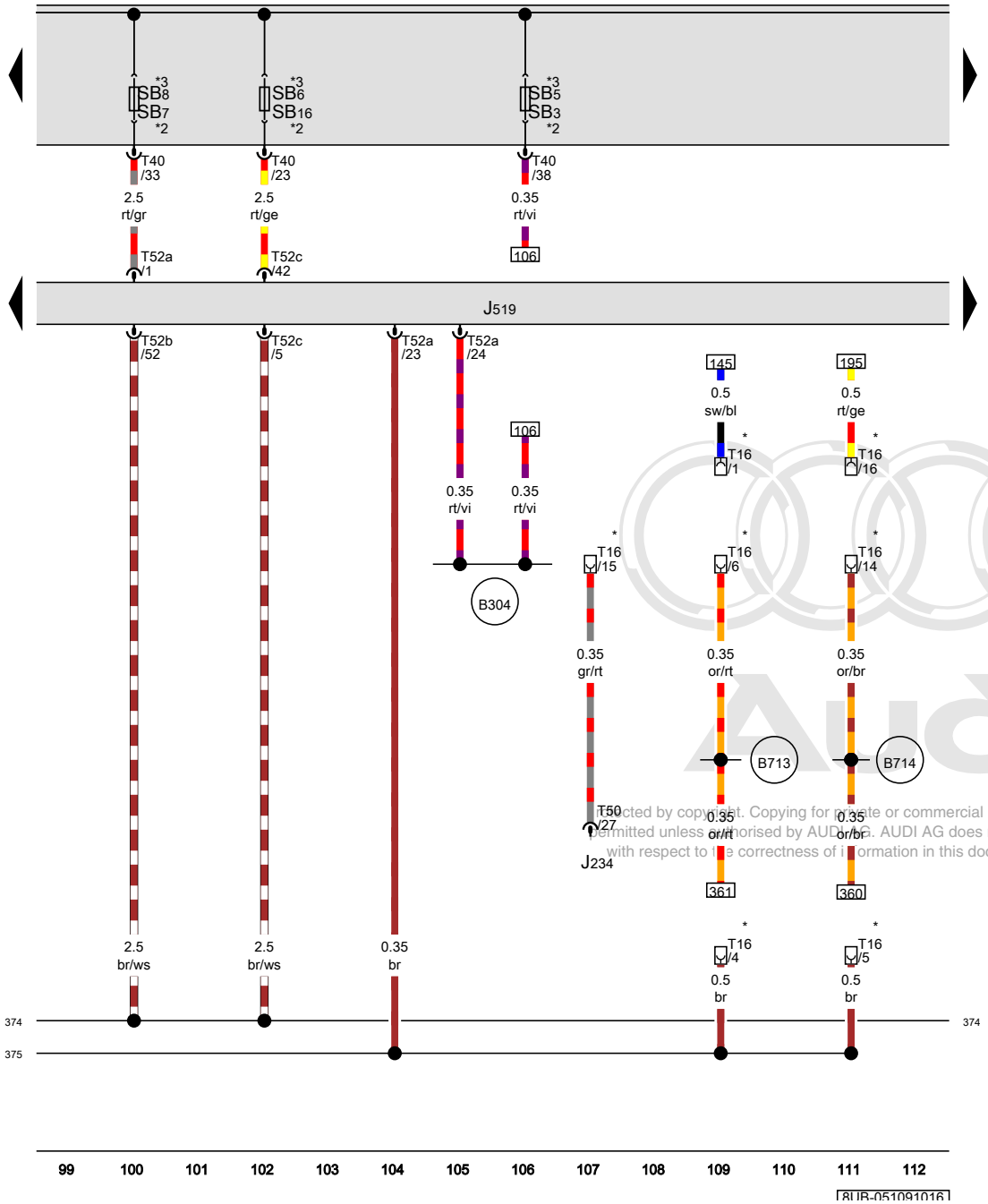
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Onboard supply control unit, Steering column electronics control unit

E313	Selector lever
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T16c	16-pin connector, black
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for automatic gearbox
*4	Only models with cruise control system (CCS)
*5	If fitted

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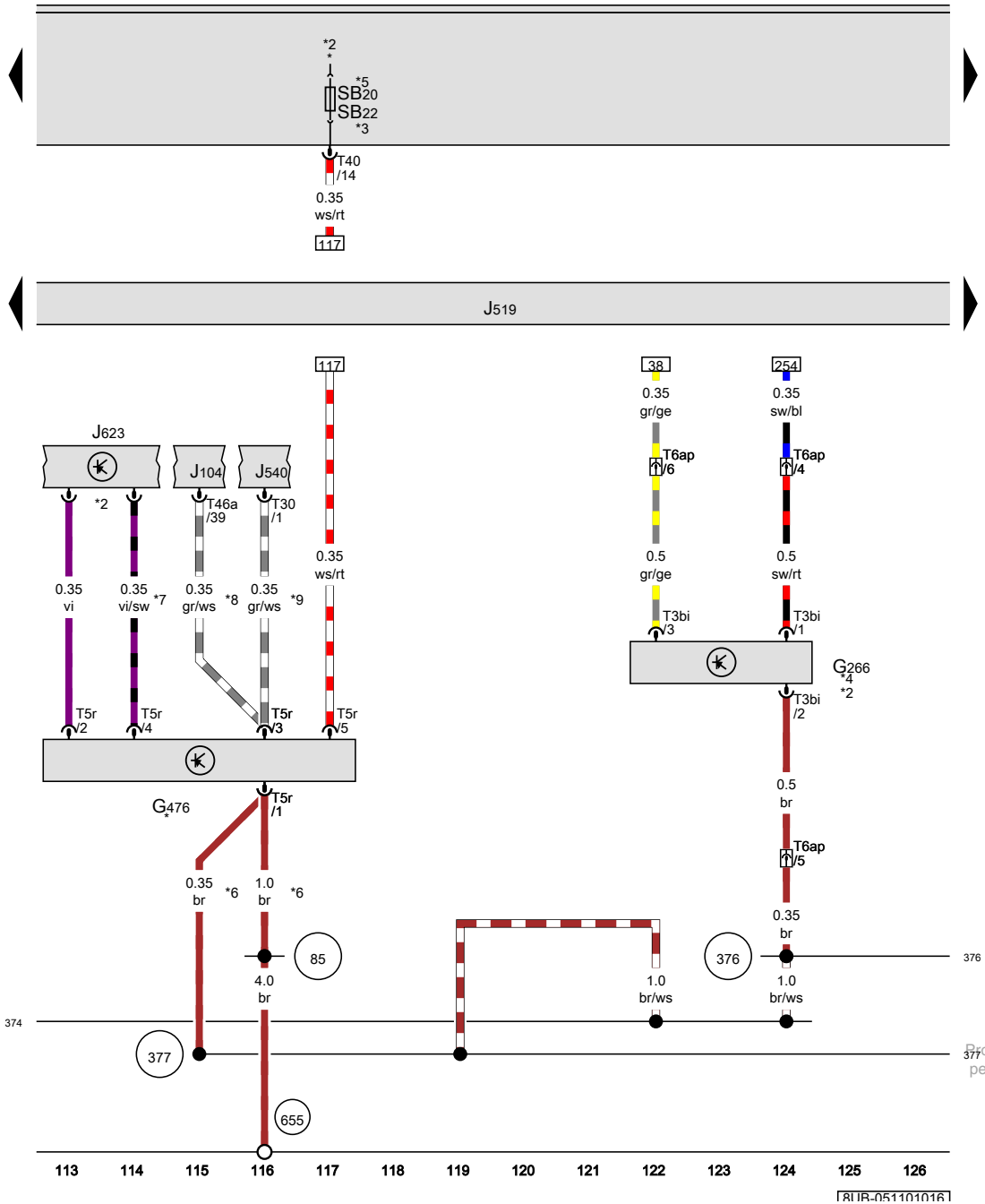


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Onboard supply control unit

J234	Airbag control unit
J519	Onboard supply control unit
SB3	Fuse 3 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB16	Fuse 16 on fuse holder B
T16	16-pin connector
T40	40-pin connector, black
T50	50-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Diagnostic connection
*2	Up to October 2012
*3	From November 2012

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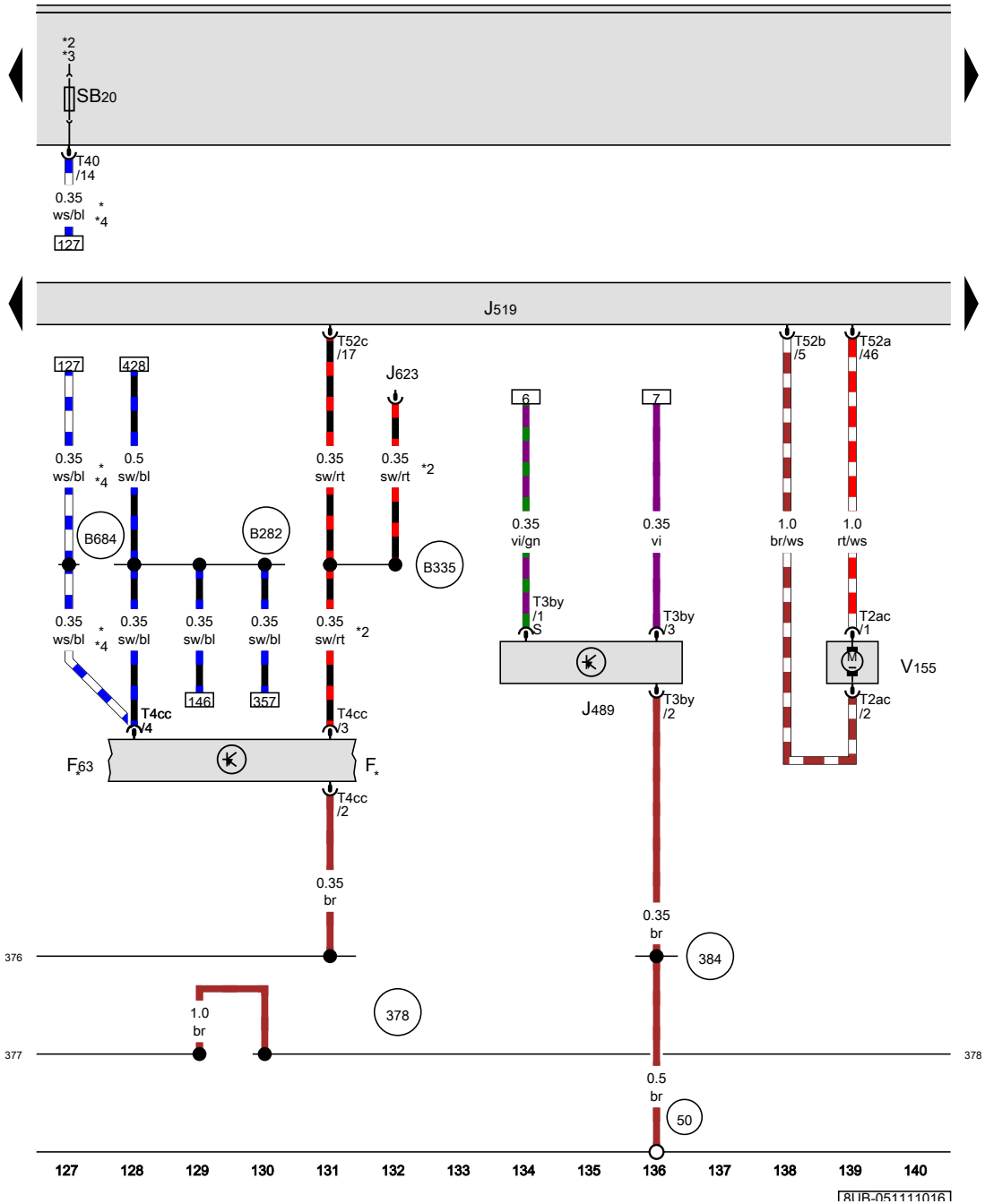


Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit

G266	Oil level and oil temperature sender
G476	Clutch position sender
J104	ABS control unit
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
T3bi	3-pin connector, black
T5r	5-pin connector, black
T6ap	6-pin connector, near front left longitudinal member
T30	30-pin connector
T40	40-pin connector, black
T46a	46-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
655	Earth point, on left headlight
*	Only models with manual gearbox
*2	see applicable current flow diagram for engine
*3	Up to October 2012
*4	Not for models with 2.5l petrol engine
*5	From November 2012
*6	According to equipment
*7	Only models with start/stop system
*8	From November 2014
*9	Up to October 2014

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

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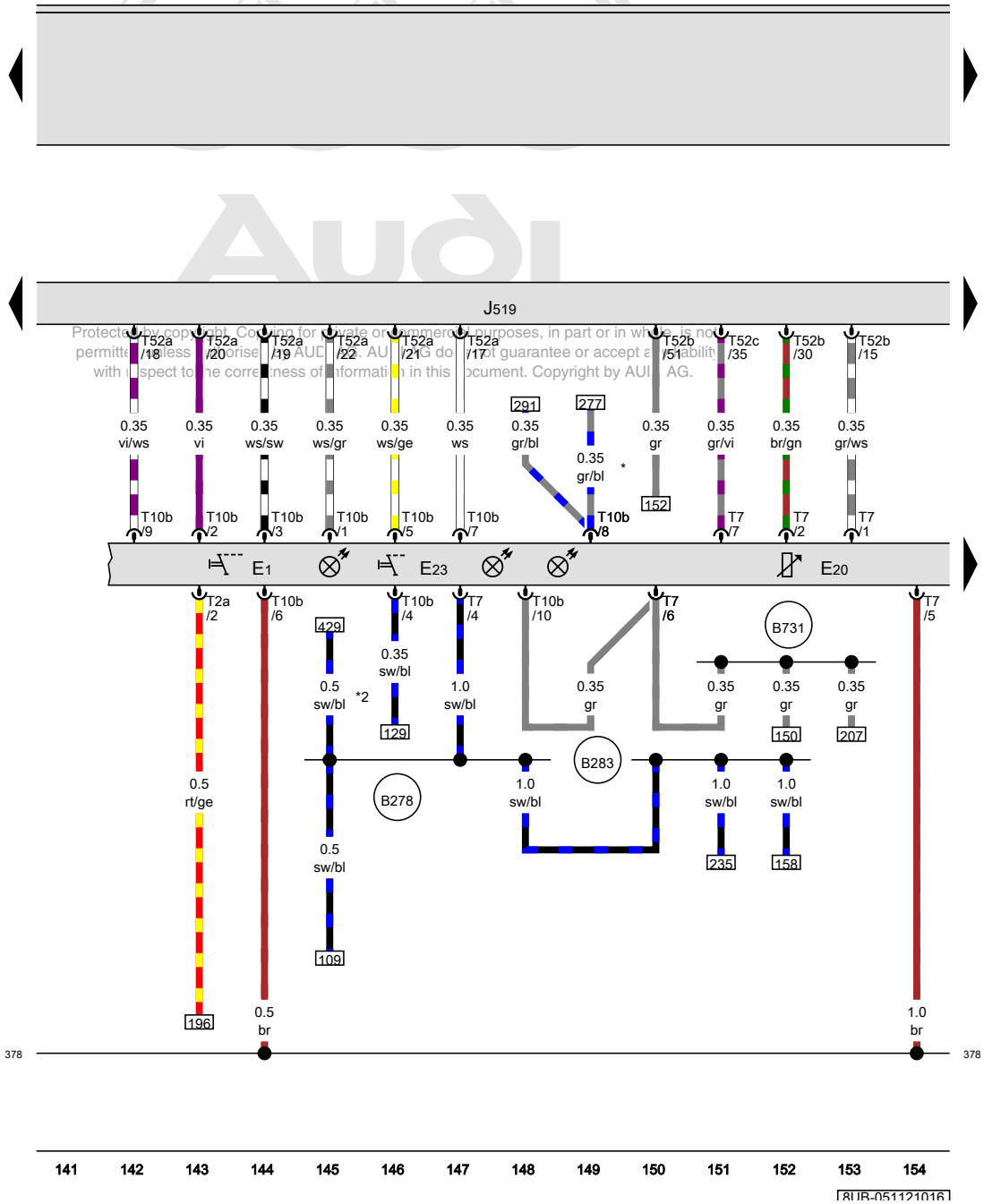


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sw = black
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Brake light switch, Brake pedal switch, Radio controlled clock receiver, Onboard supply control unit, Tank filler flap locking motor

F	Brake light switch
F63	Brake pedal switch
J489	Radio controlled clock receiver
J519	Onboard supply control unit
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T2ac	2-pin connector, black
T3by	3-pin connector, black
T4cc	4-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
V155	Tank filler flap locking motor
50	Earth point, on left in luggage compartment
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
384	Earth connection 19, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine
*3	Only models with manual gearbox
*4	Wiring colour depends on equipment

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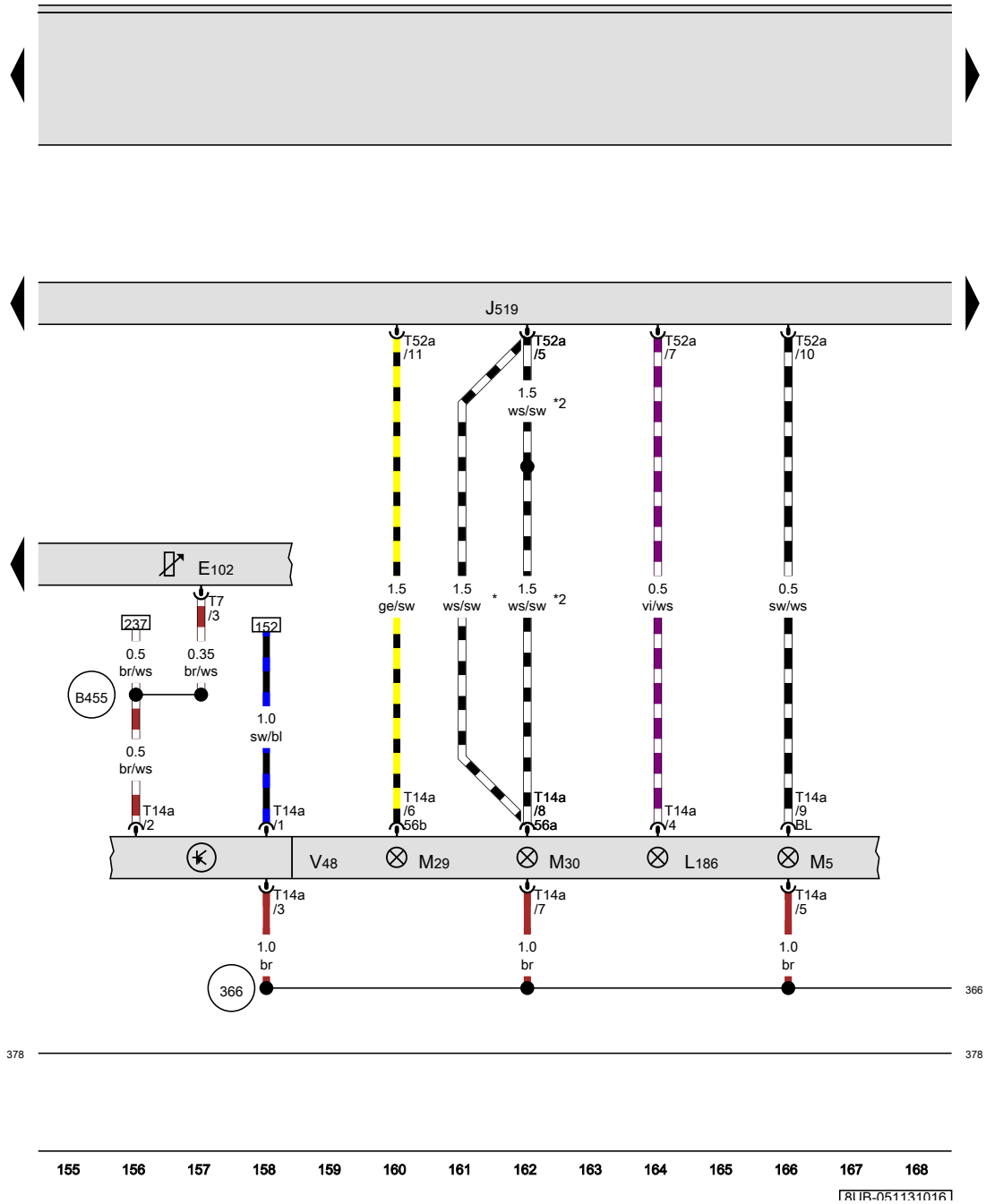
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Light switch, Switch and instrument illumination regulator, Front and rear fog light switch, Onboard supply control unit

E1	Light switch
E20	Switch and instrument illumination regulator
E23	Front and rear fog light switch
J519	Onboard supply control unit
T2a	2-pin connector
T7	7-pin connector
T10b	10-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
378	Earth connection 13, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	According to equipment
*2	Cross section depends on equipment

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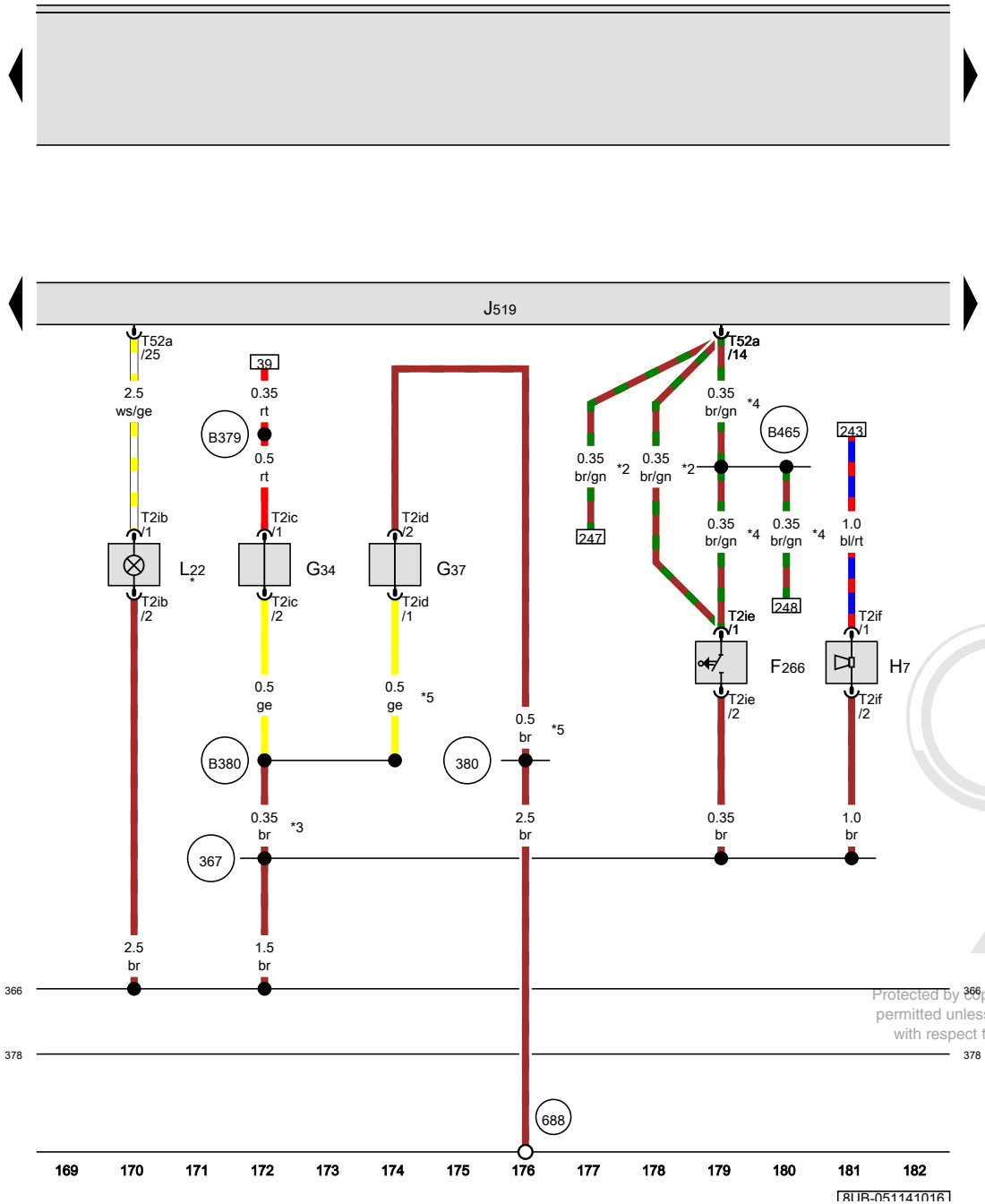
Headlight range control regulator, Onboard supply control unit, Bulb for left daytime running light and side light, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor



E102	Headlight range control regulator
J519	Onboard supply control unit
L186	Bulb for left daytime running light and side light
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
T7	7-pin connector
T14a	14-pin connector, black
T52a	52-pin connector, black
V48	Left headlight range control motor
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
B455	Connection (HRC), in main wiring harness
*	gradual introduction
*2	Gradually discontinued

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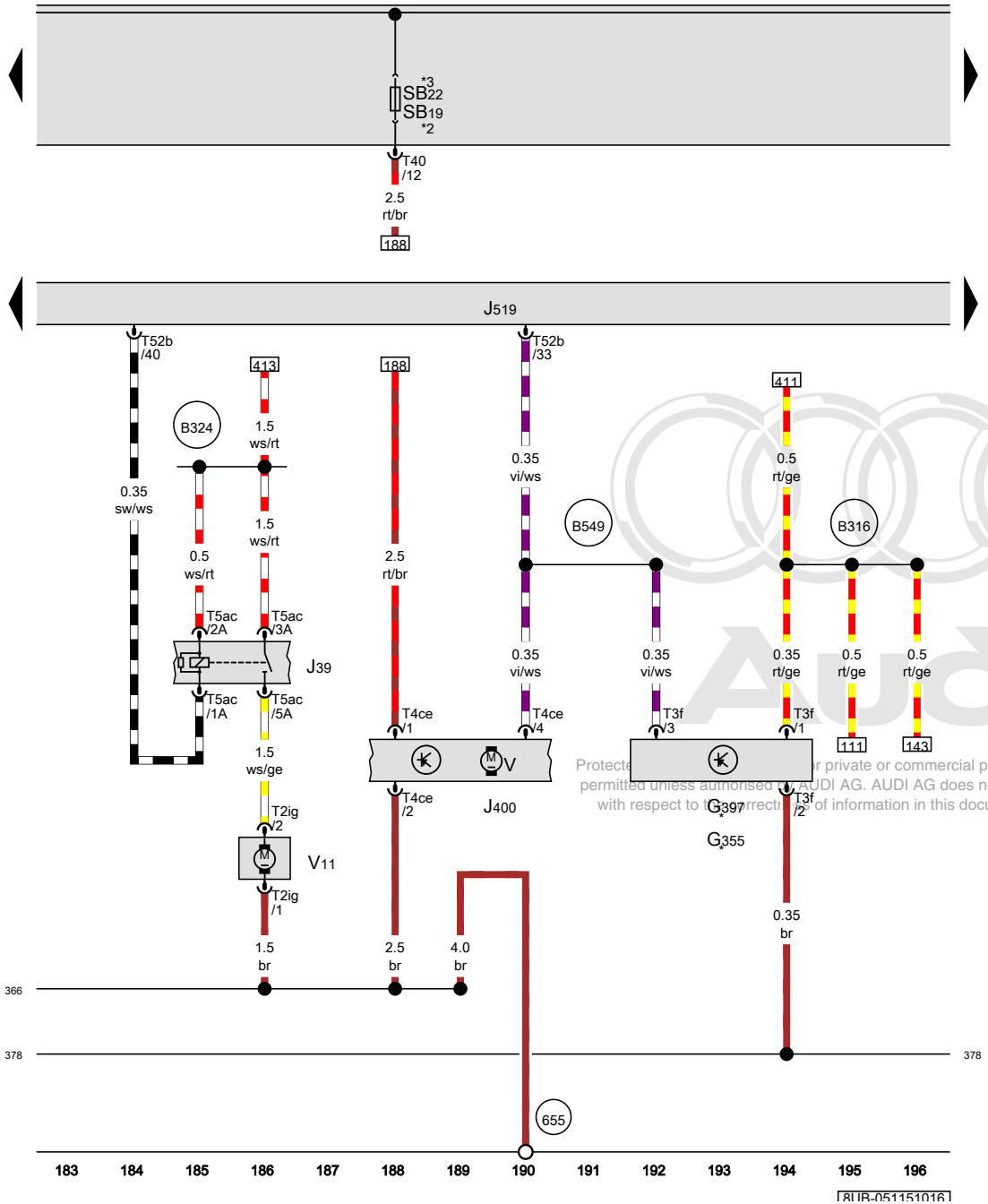
Bonnet contact switch, Front left brake pad wear sender, Rear right brake pad wear sender, Bass horn, Onboard supply control unit, Left fog light bulb

F266	Bonnet contact switch
G34	Front left brake pad wear sender
G37	Rear right brake pad wear sender
H7	Bass horn
J519	Onboard supply control unit
L22	Left fog light bulb
T2ib	2-pin connector, black
T2ic	2-pin connector, white
T2id	2-pin connector, black
T2ie	2-pin connector, black
T2if	2-pin connector, black
T52a	52-pin connector, black
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B379	Connection 1 (brake pad wear indicator), in main wiring harness
B380	Connection 2 (brake pad wear indicator), in main wiring harness
B465	Connection 1, in main wiring harness

*	Only models with fog lights
*2	gradual introduction
*3	Not for models with 2.5l petrol engine
*4	Gradually discontinued
*5	Only models with 2.5l petrol engine

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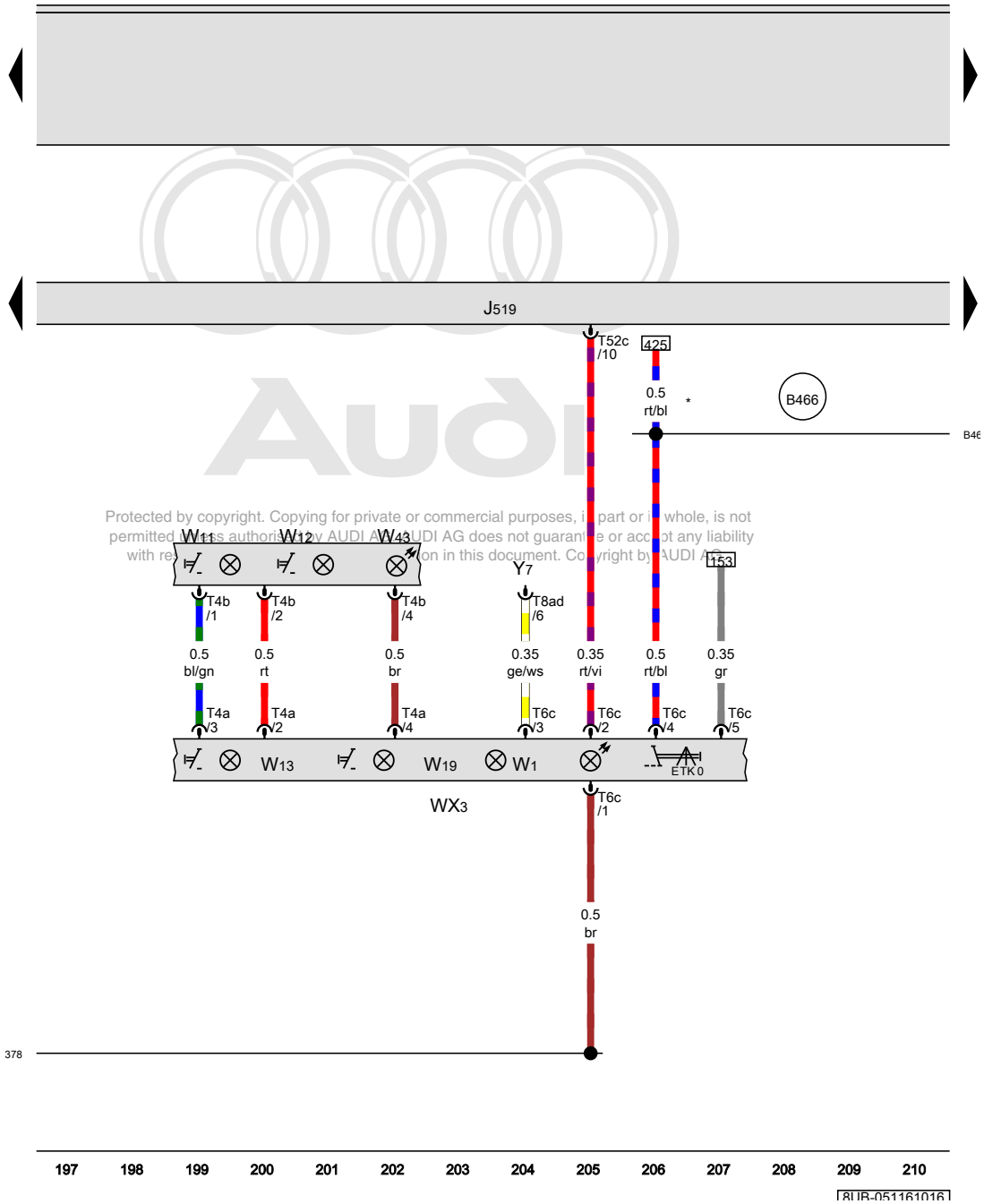


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Rain and light sensor, Headlight washer system relay, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump

G355	Humidity sender
G397	Rain and light sensor
J39	Headlight washer system relay
J400	Wiper motor control unit
J519	Onboard supply control unit
SB19	Fuse 19 on fuse holder B
SB22	Fuse 22 on fuse holder B
T2ig	2-pin connector
T3f	3-pin connector, black
T4ce	4-pin connector, black
T5ac	5-pin connector
T40	40-pin connector, black
T52b	52-pin connector, colourless
V	Windscreen wiper motor
V11	Headlight washer system pump
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
655	Earth point, on left headlight
B316	Positive connection 2 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	According to equipment
*2	Up to October 2012
*3	From November 2012

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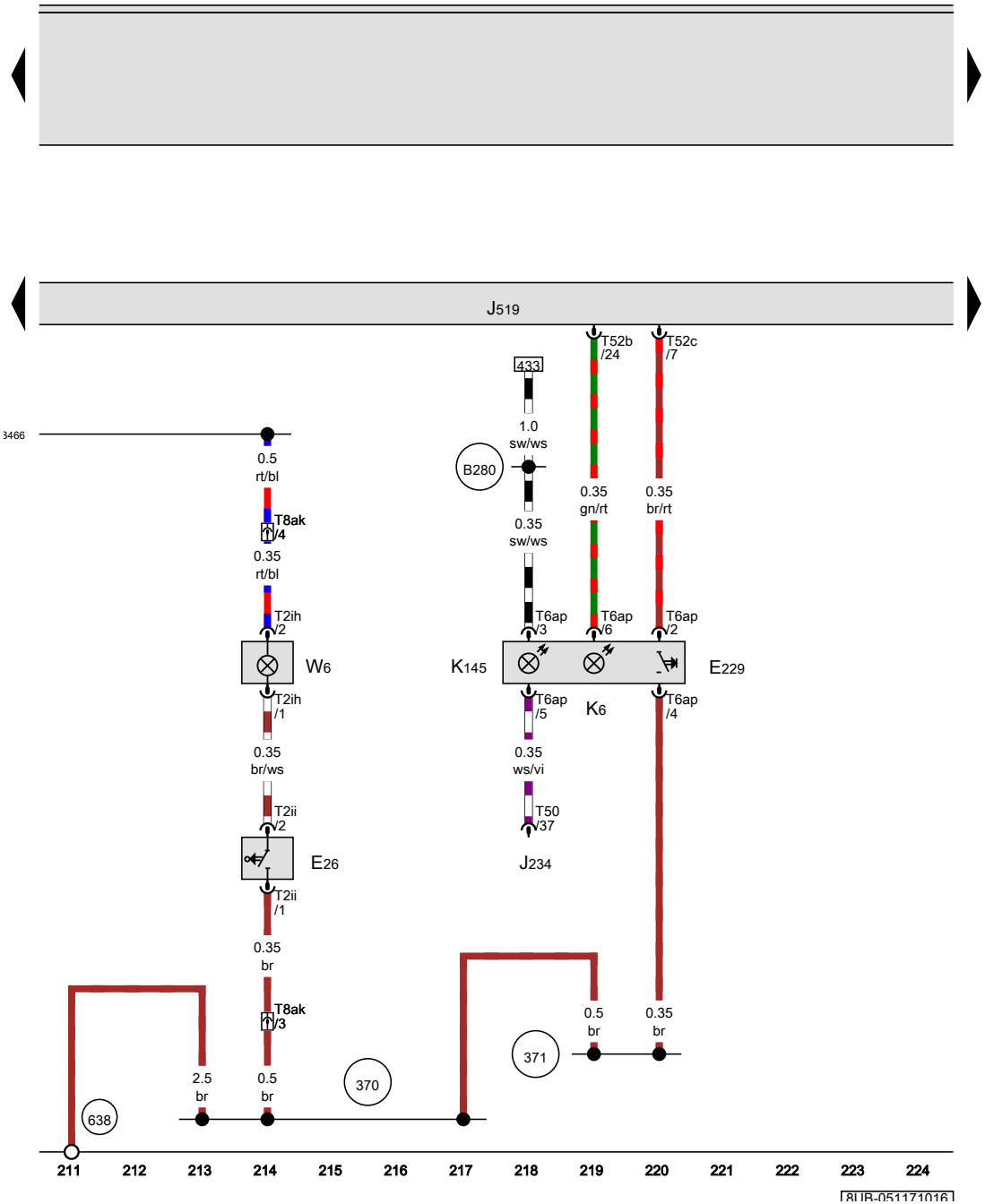


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Onboard supply control unit, Front roof module, Rear interior light

J519	Onboard supply control unit
T4a	4-pin connector
T4b	4-pin connector
T6c	6-pin connector, black
T8ad	8-pin connector
T52c	52-pin connector, brown
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B466	Connection 2, in main wiring harness
*	Up to October 2014

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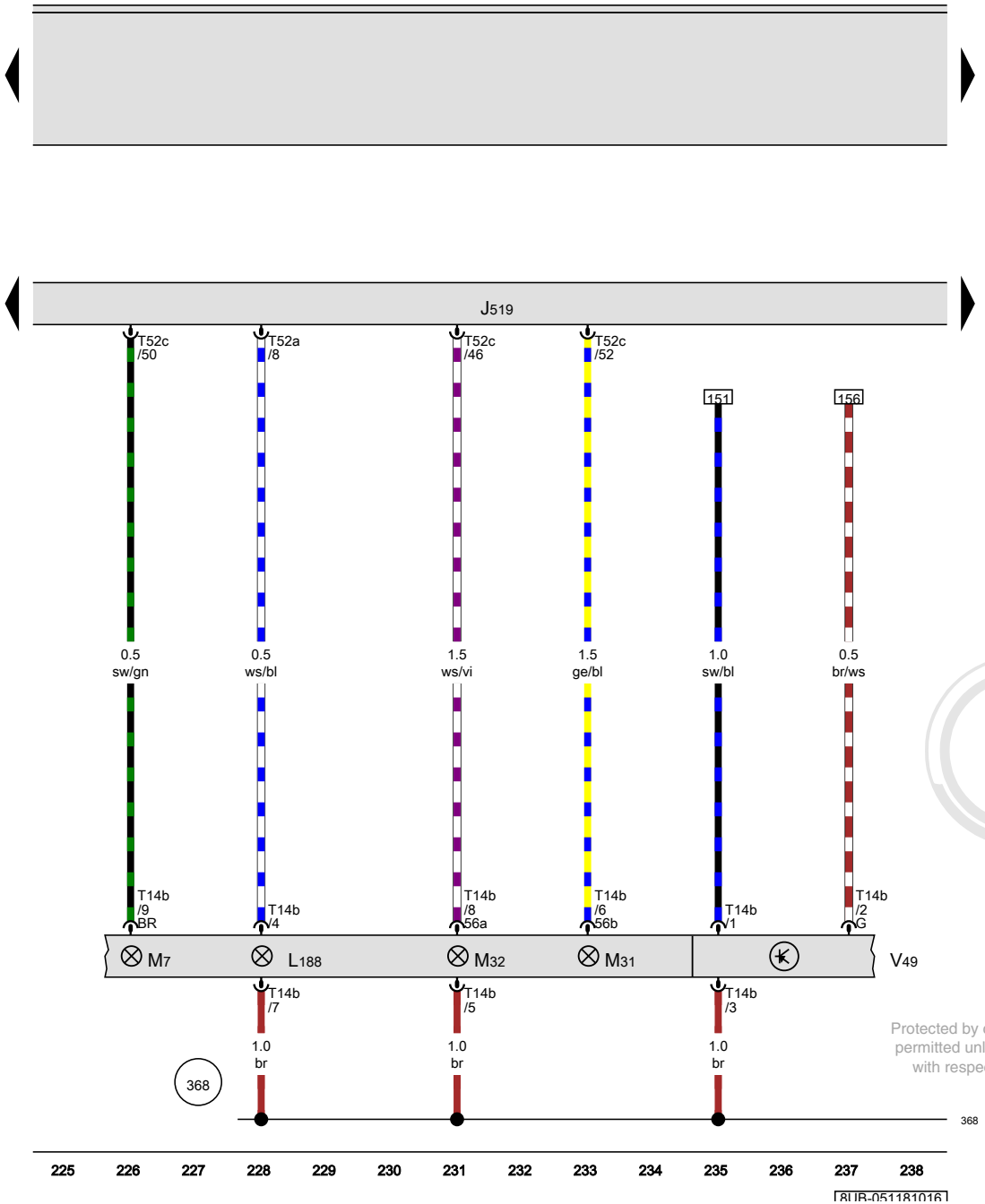


Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
E229	Hazard warning lights 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
T2ih	2-pin connector
T2ii	2-pin connector
T6ap	6-pin connector, white
T8ak	8-pin connector, near glove compartment
T50	50-pin connector
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
W6	Glove compartment light
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B280	Positive connection 4 (15a) in main wiring harness
B466	Connection 2, in main wiring harness

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rs	=	pink

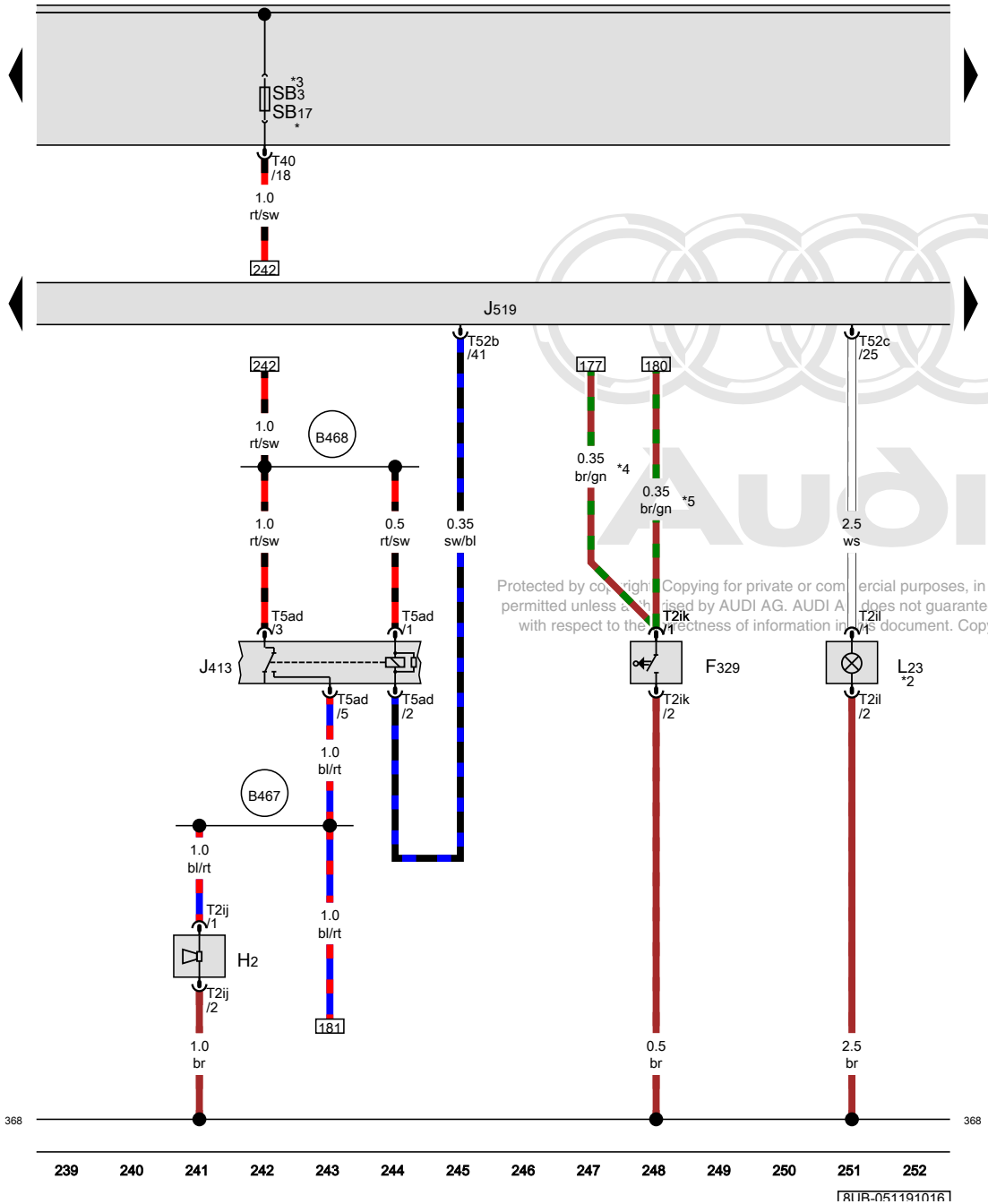


Onboard supply control unit, Bulb for right daytime running light and side light, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

J519	Onboard supply control unit
L188	Bulb for right daytime running light and side light
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
T14b	14-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
V49	Right headlight range control motor
368	Earth connection 3, in main wiring harness

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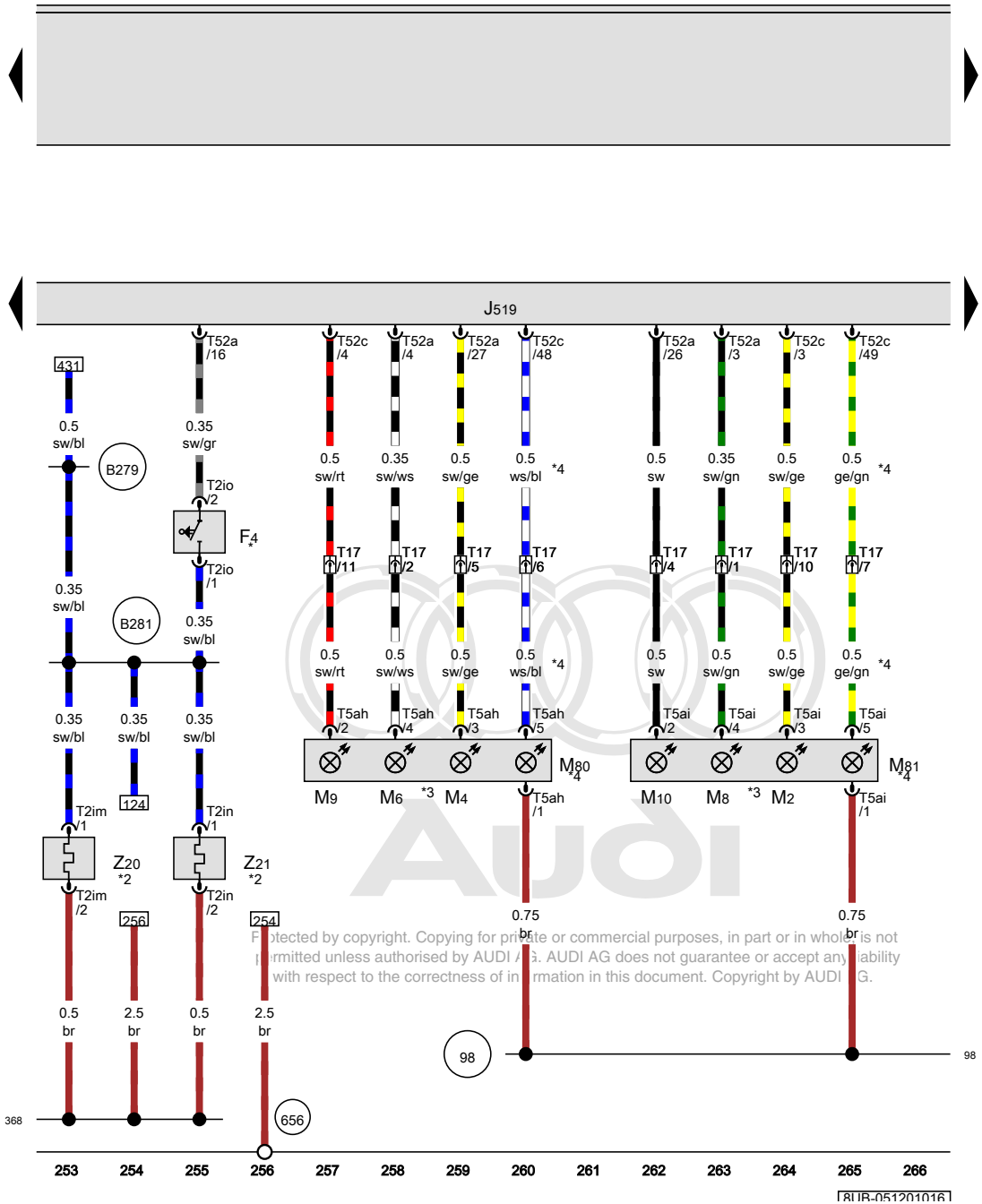


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Bonnet contact switch 2, Treble horn, Horn relay, Onboard supply control unit, Right fog light bulb

F329	Bonnet contact switch 2
H2	Treble horn
J413	Horn relay
J519	Onboard supply control unit
L23	Right fog light bulb
SB3	Fuse 3 on fuse holder B
SB17	Fuse 17 on fuse holder B
T2ij	2-pin connector, black
T2ik	2-pin connector, black
T2il	2-pin connector, black
T5ad	5-pin connector, brown
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
368	Earth connection 3, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
*	Up to October 2012
*2	Only models with fog lights
*3	From November 2012
*4	gradual introduction
*5	Gradually discontinued

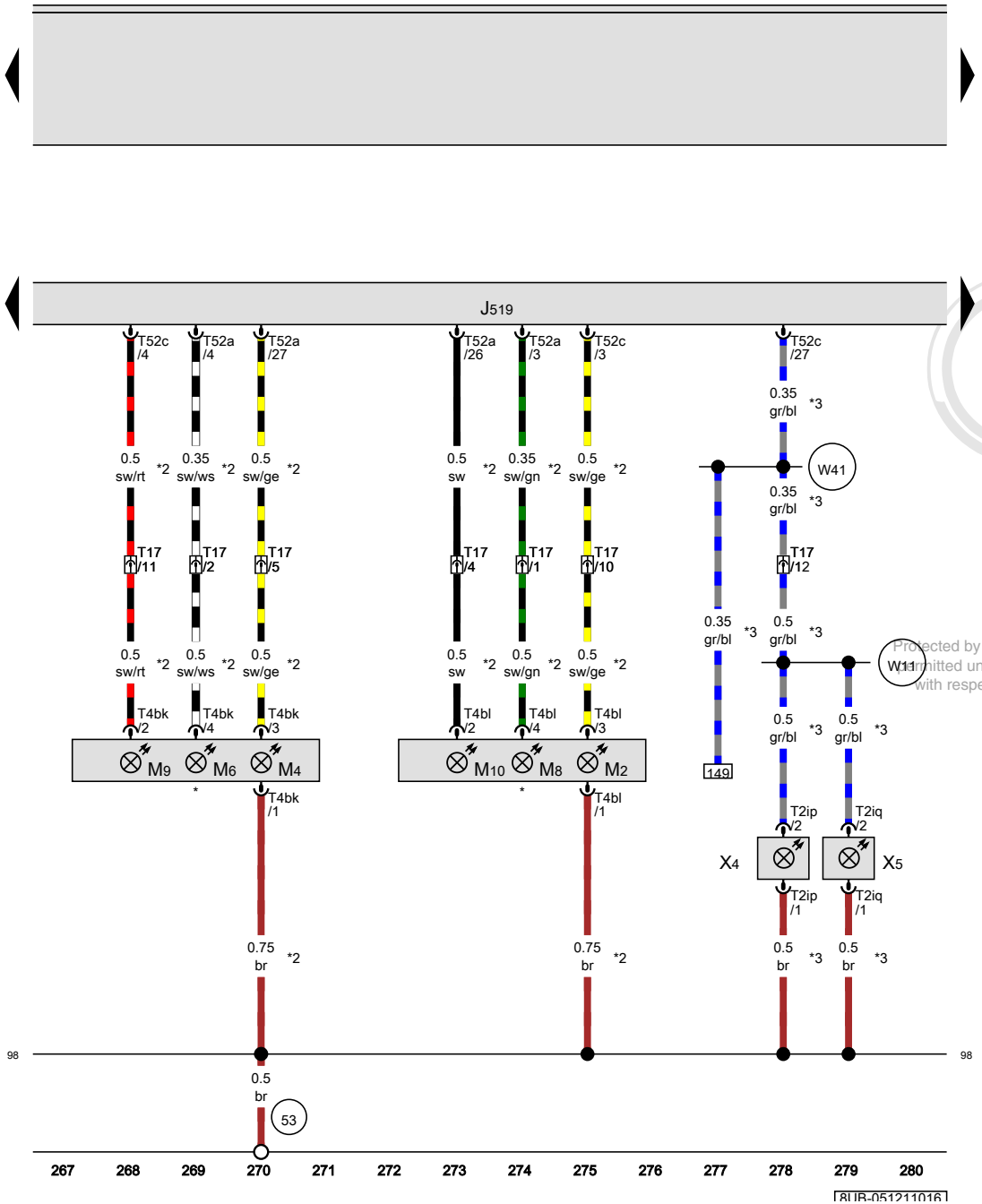


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Reversing light switch, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Bulb 2 for rear left turn signal, Bulb 2 for rear right turn signal, Left washer jet heater element, Right washer jet heater element

F4	Reversing light switch
J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M80	Bulb 2 for rear left turn signal
M81	Bulb 2 for rear right turn signal
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector, black
T5ah	5-pin connector, brown
T5ai	5-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
Z20	Left washer jet heater element
Z21	Right washer jet heater element
98	Earth connection, in rear lid wiring harness
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight
B279	Positive connection 3 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with heater elements for washer jets
*3	From November 2014
*4	Only models with sequential turn signals

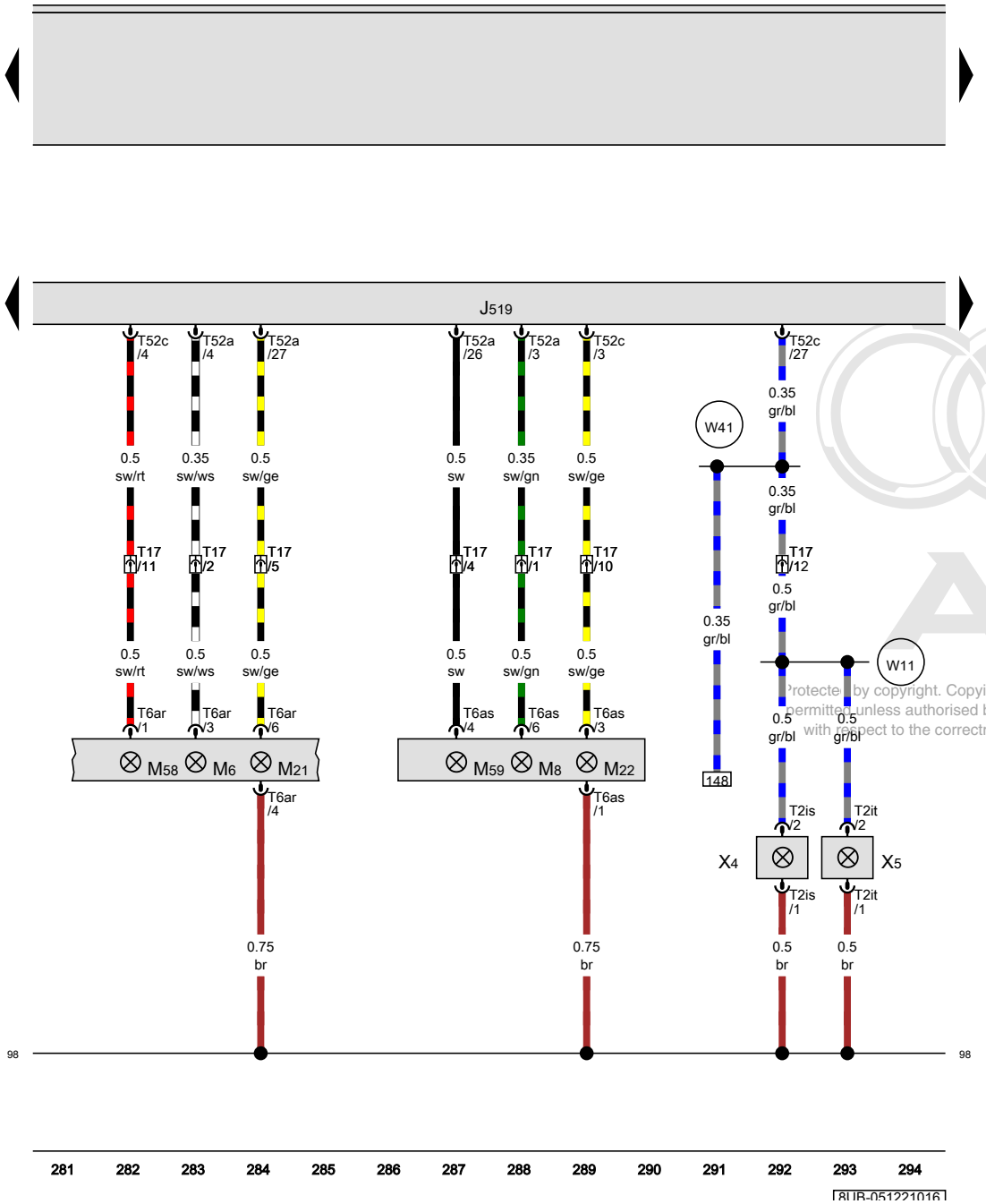


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Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb

J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
T2ip	2-pin connector
T2iq	2-pin connector
T4bk	4-pin connector, brown
T4bl	4-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
X4	Left number plate light
X5	Right number plate light
53	Earth point, on right in rear lid
98	Earth connection, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness
W41	Positive connection (58), in number plate lights wiring harness
*	Up to October 2014
*2	Only models with LED tail light clusters
*3	According to equipment

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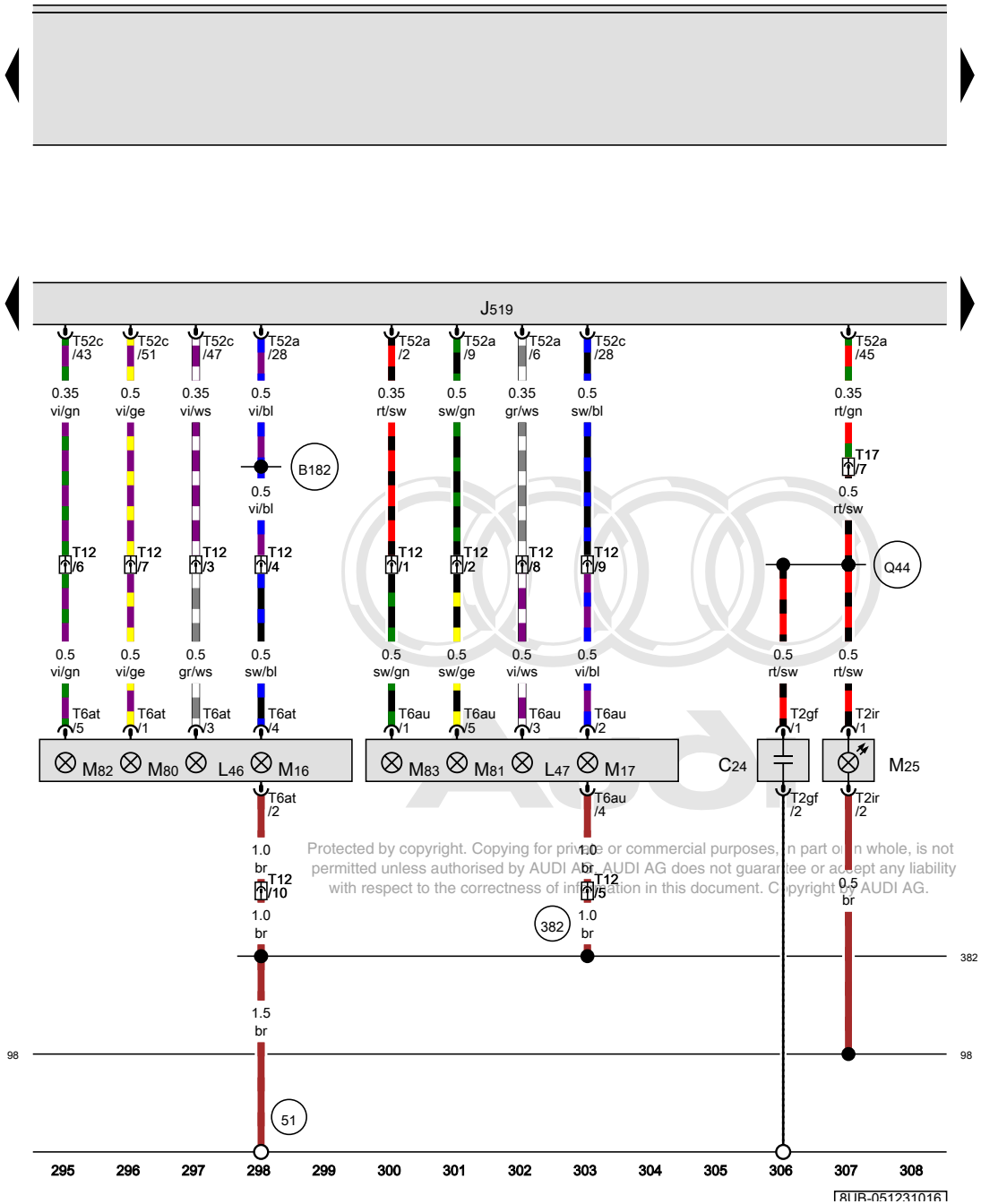


Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Left brake and tail light bulb 2, Right brake and tail light bulb 2

J519	Onboard supply control unit
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M21	Left brake and tail light bulb
M22	Right brake and tail light bulb
M58	Left brake and tail light bulb 2
M59	Right brake and tail light bulb 2
T2is	2-pin connector
T2it	2-pin connector
T6ar	6-pin connector
T6as	6-pin connector
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
X4	Left number plate light
X5	Right number plate light
98	Earth connection, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness
W41	Positive connection (58), in number plate lights wiring harness

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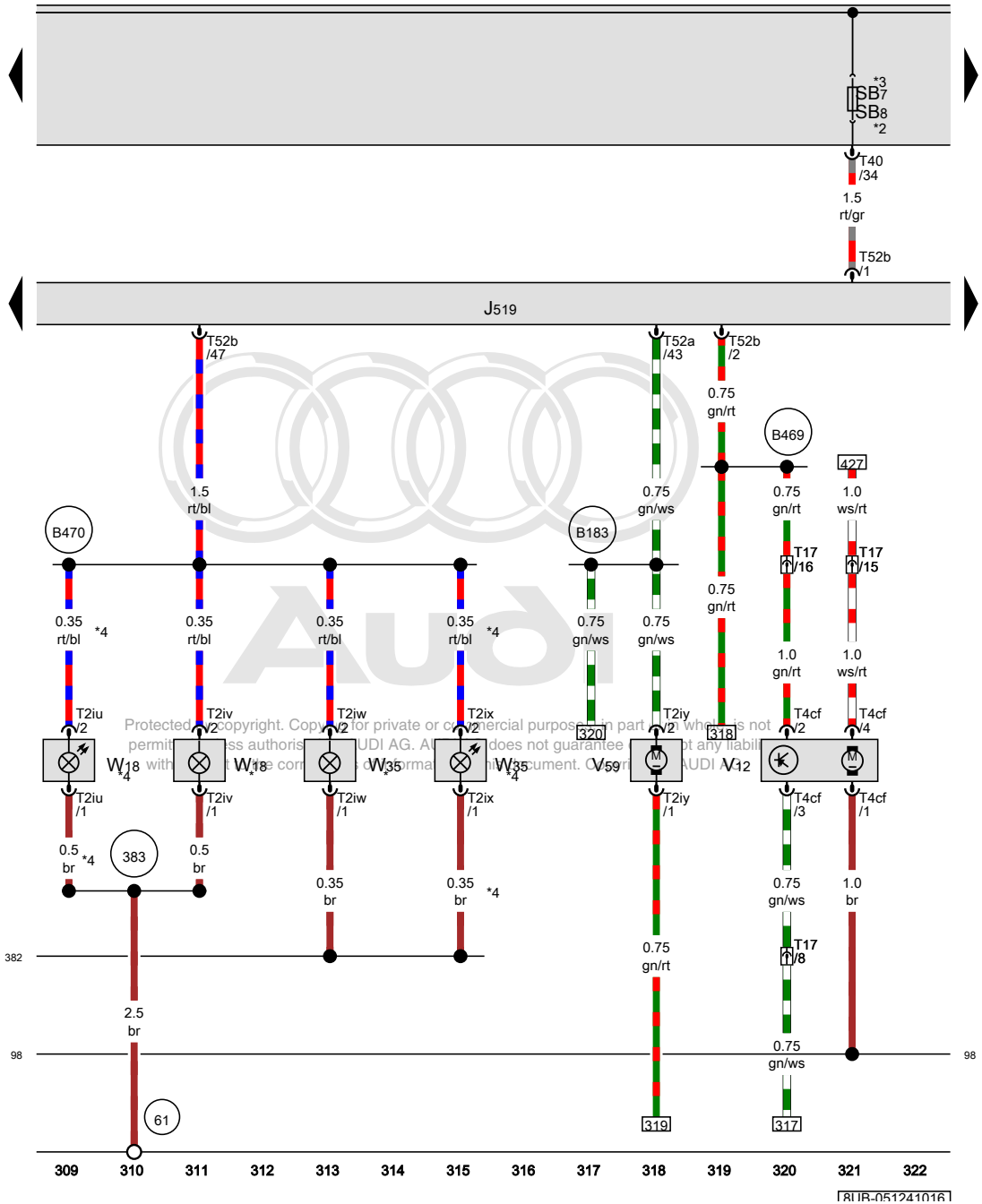


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Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb, Bulb 2 for rear left turn signal, Bulb 2 for rear right turn signal, Left brake and tail light bulb 3, Right brake and tail light bulb 3

C24	Suppression filter
J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M25	High-level brake light bulb
M80	Bulb 2 for rear left turn signal
M81	Bulb 2 for rear right turn signal
M82	Left brake and tail light bulb 3
M83	Right brake and tail light bulb 3
T2gf	2-pin connector
T2ir	2-pin connector, black
T6at	6-pin connector, black
T6au	6-pin connector, black
T12	12-pin connector, in rear bumper
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
51	Earth point, on right in luggage compartment
98	Earth connection, in rear lid wiring harness
382	Earth connection 17, in main wiring harness
B182	Connection (RL), in interior wiring harness
Q44	Connection 2, in rear lid wiring harness

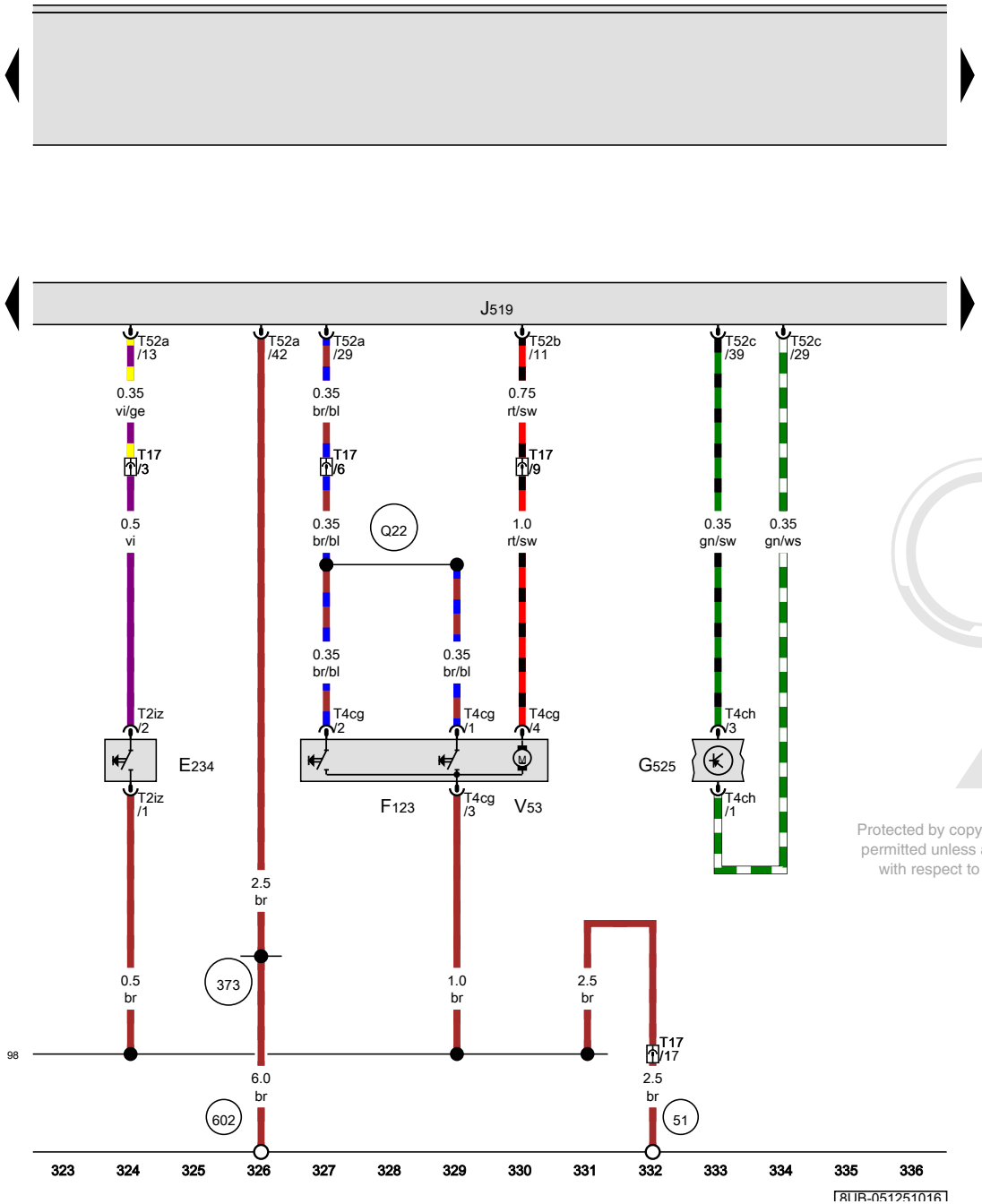


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Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump, Right luggage compartment light

J519	Onboard supply control unit
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T2iu	2-pin connector, black
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2ix	2-pin connector, black
T2iy	2-pin connector, black
T4cf	4-pin connector, black
T17	17-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
W18	Luggage compartment light on left
W35	Right luggage compartment light
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
B183	Connection 1 (washer pump), in interior wiring harness
B469	Connection 5, in main wiring harness
B470	Connection 6, in main wiring harness
*	According to equipment
*2	Up to October 2012
*3	From November 2012
*4	From November 2014

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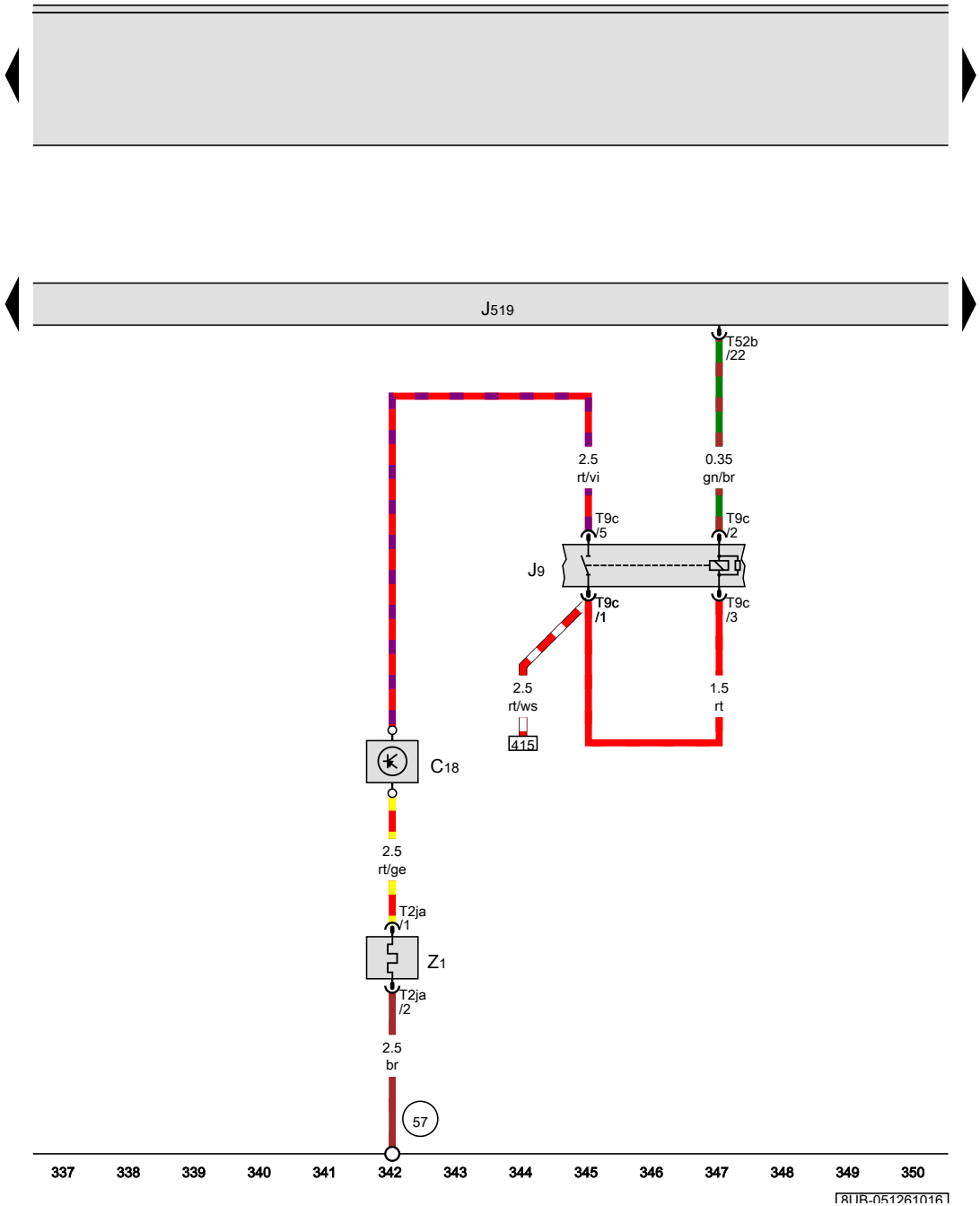


Rear lid handle release button, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

E234	Rear lid handle release button
F123	Rear lid contact switch for anti-theft alarm
G525	Rear lid closed sender 1
J519	Onboard supply control unit
T2iz	2-pin connector, black
T4cg	4-pin connector, black
T4ch	4-pin connector, black
T17	17-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
V53	Rear lid central locking motor
51	Earth point, on right in luggage compartment
98	Earth connection, in rear lid wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
Q22	Connection 1, in rear lid wiring harness

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Heated rear window relay, Onboard supply control unit, Heated rear window

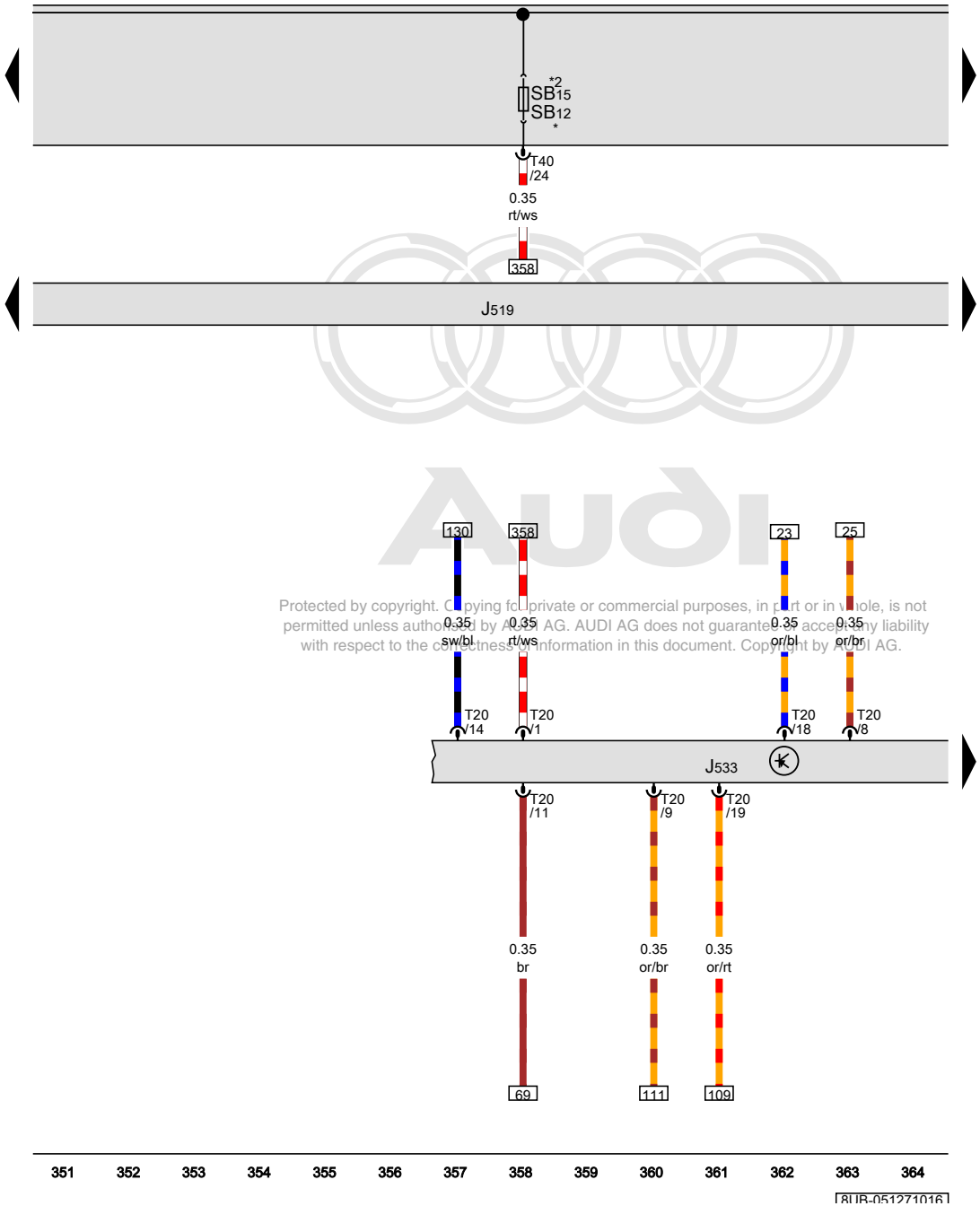
C18	Window aerial suppression filter
J9	Heated rear window relay
J519	Onboard supply control unit
T2ja	2-pin connector
T9c	9-pin connector, blue
T52b	52-pin connector, colourless
Z1	Heated rear window
57	Earth point, rear left pillar

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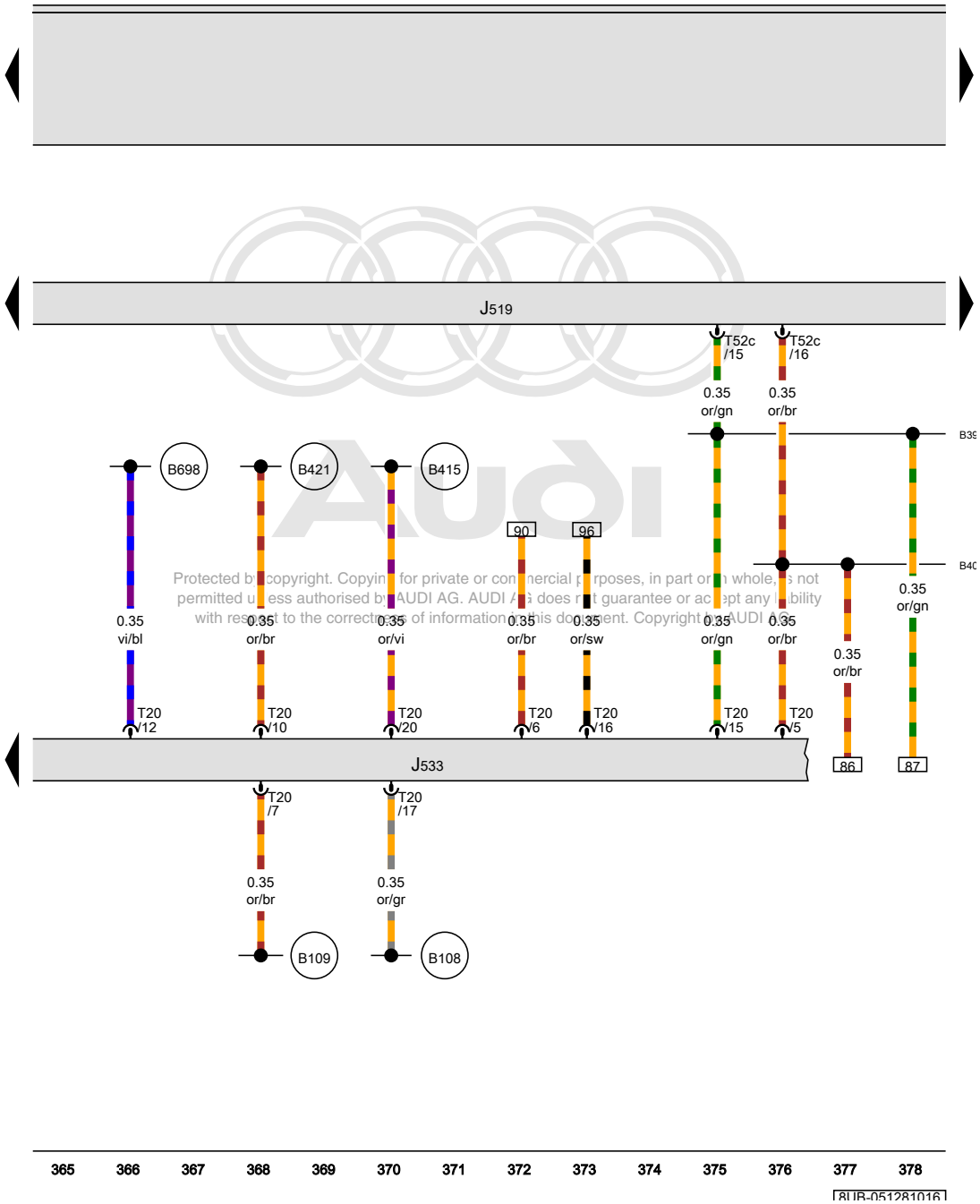
Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector, red
T40	40-pin connector, black
*	Up to October 2012
*2	From November 2012



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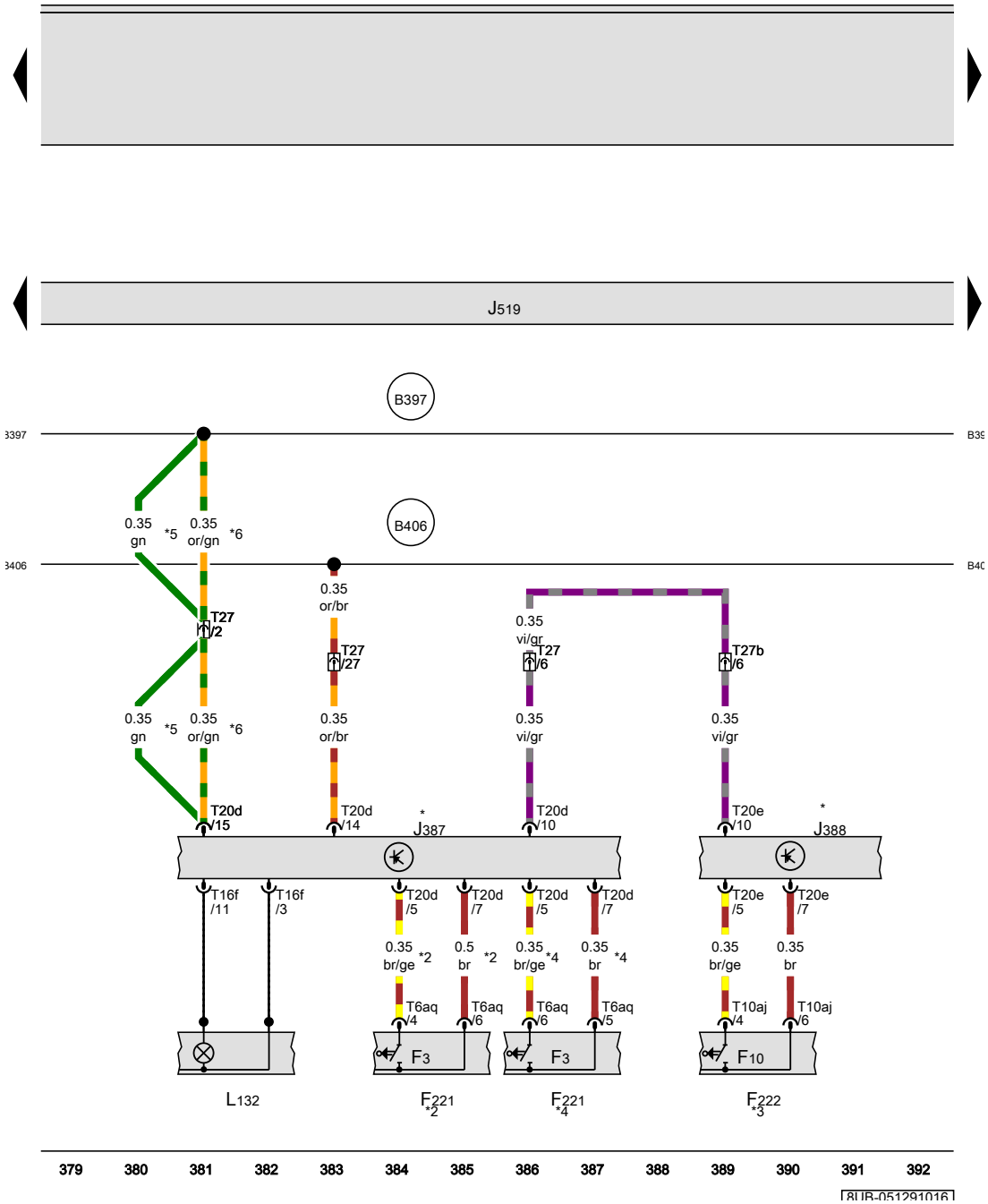


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Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector, red
T52c	52-pin connector, brown
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness

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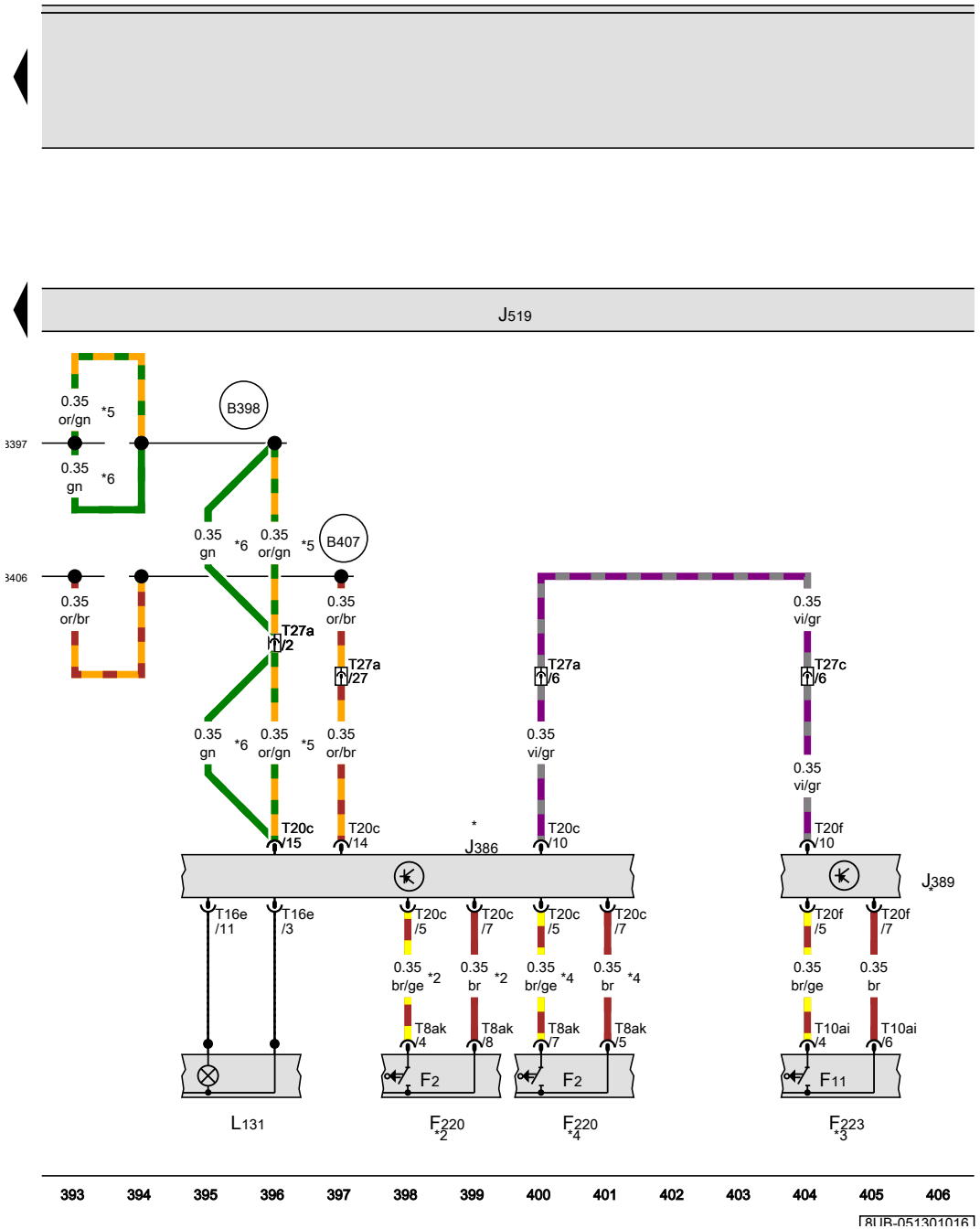


Front passenger side central locking lock unit, Rear left central locking lock unit, Front passenger door control unit, Rear left door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

F3	Front passenger door contact switch
F10	Rear left door contact switch
F221	Front passenger side central locking lock unit
F222	Rear left central locking lock unit
J387	Front passenger door control unit
J388	Rear left door control unit
J519	Onboard supply control unit
L132	Front passenger side turn signal repeater bulb
T6aq	6-pin connector
T10aj	10-pin connector
T16f	16-pin connector, black
T20d	20-pin connector, black
T20e	20-pin connector, black
T27	27-pin connector, on left A-pillar
T27b	27-pin connector, on left B-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Gradually discontinued
*3	Only models with childproof locks
*4	gradual introduction
*5	From November 2016
*6	Up to October 2016

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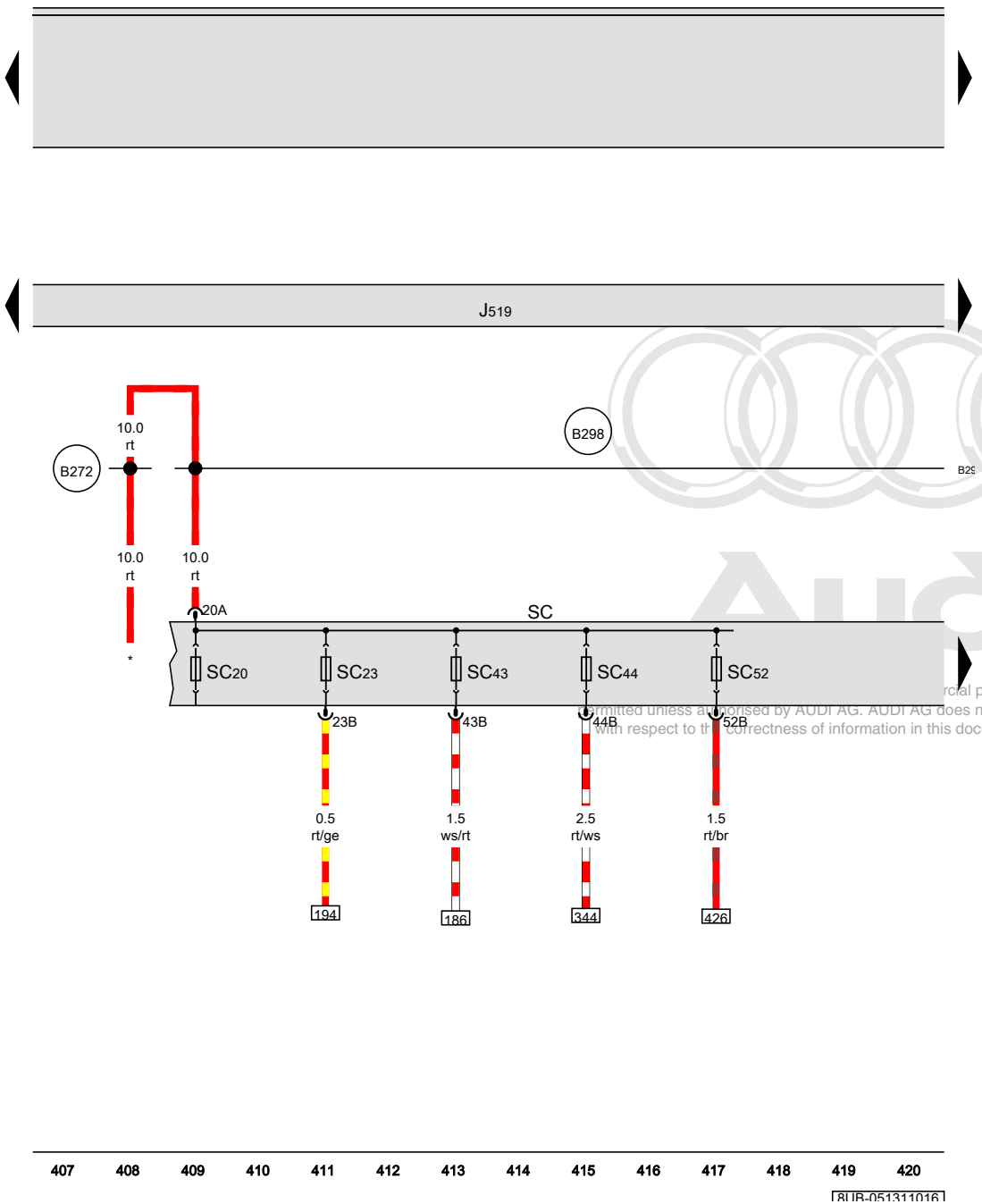


Driver side central locking lock unit, Rear right central locking lock unit, Driver door control unit, Rear right door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

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F2	Driver door contact switch
F11	Rear right door contact switch
F220	Driver side central locking lock unit
F223	Rear right central locking lock unit
J386	Driver door control unit
J389	Rear right door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
T8ak	8-pin connector
T10ai	10-pin connector
T16e	16-pin connector, black
T20c	20-pin connector, black
T20f	20-pin connector, black
T27a	27-pin connector, on right A-pillar
T27c	27-pin connector, on right B-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Gradually discontinued
*3	Only models with childproof locks
*4	gradual introduction
*5	Up to October 2016
*6	From November 2016

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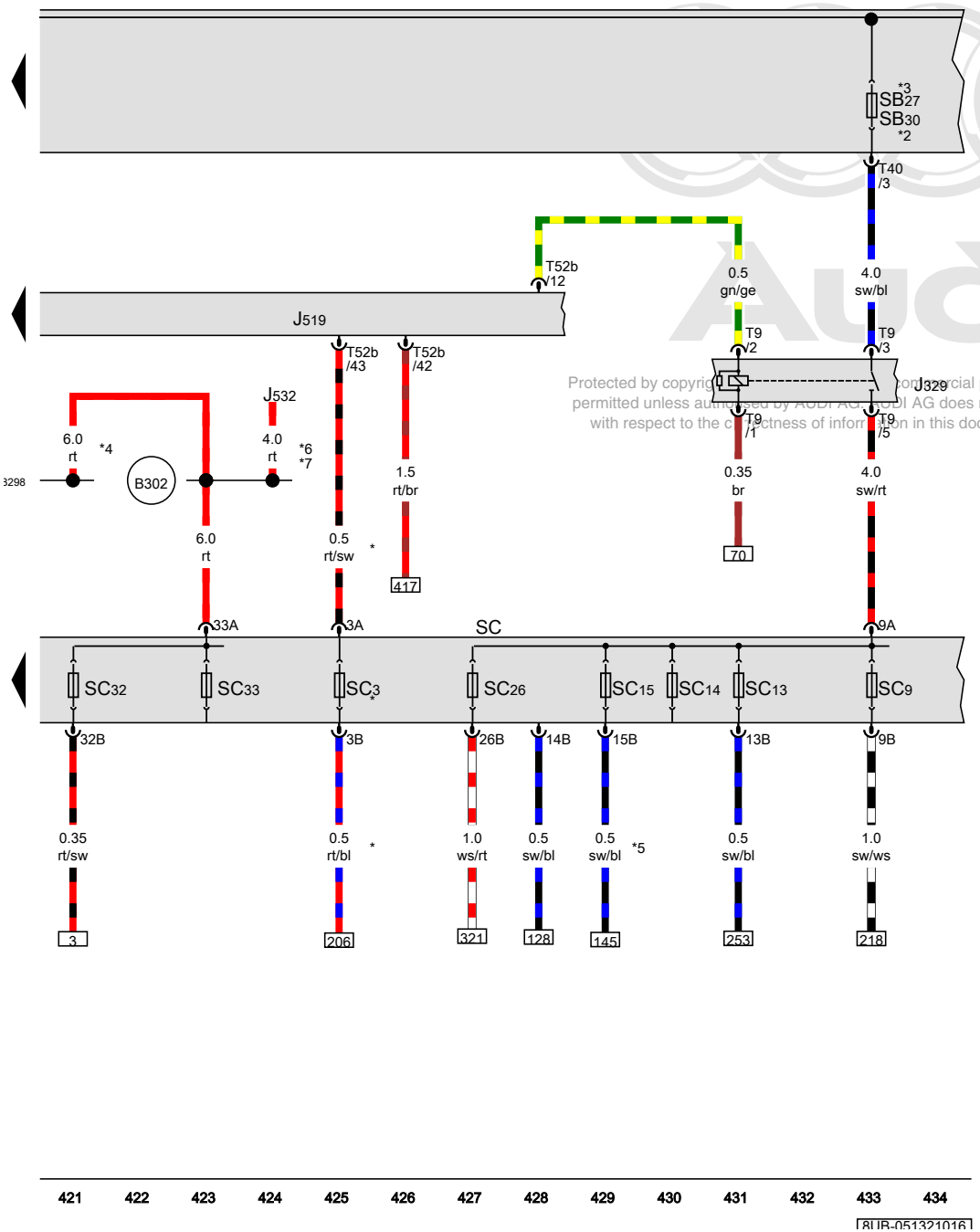


Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC52	Fuse 52 on fuse holder C
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for battery

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Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J532	Voltage stabiliser
SC	Fuse holder C
SC3	Fuse 3 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC26	Fuse 26 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T9	9-pin connector, black
T12	12-pin connector
T40	40-pin connector, black
T52b	52-pin connector, colourless
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	Up to October 2014
*2	Up to October 2012
*3	From November 2012
*4	Only models with no start/stop system
*5	Cross section depends on equipment
*6	Only models with start/stop system
*7	see applicable current flow diagram for battery

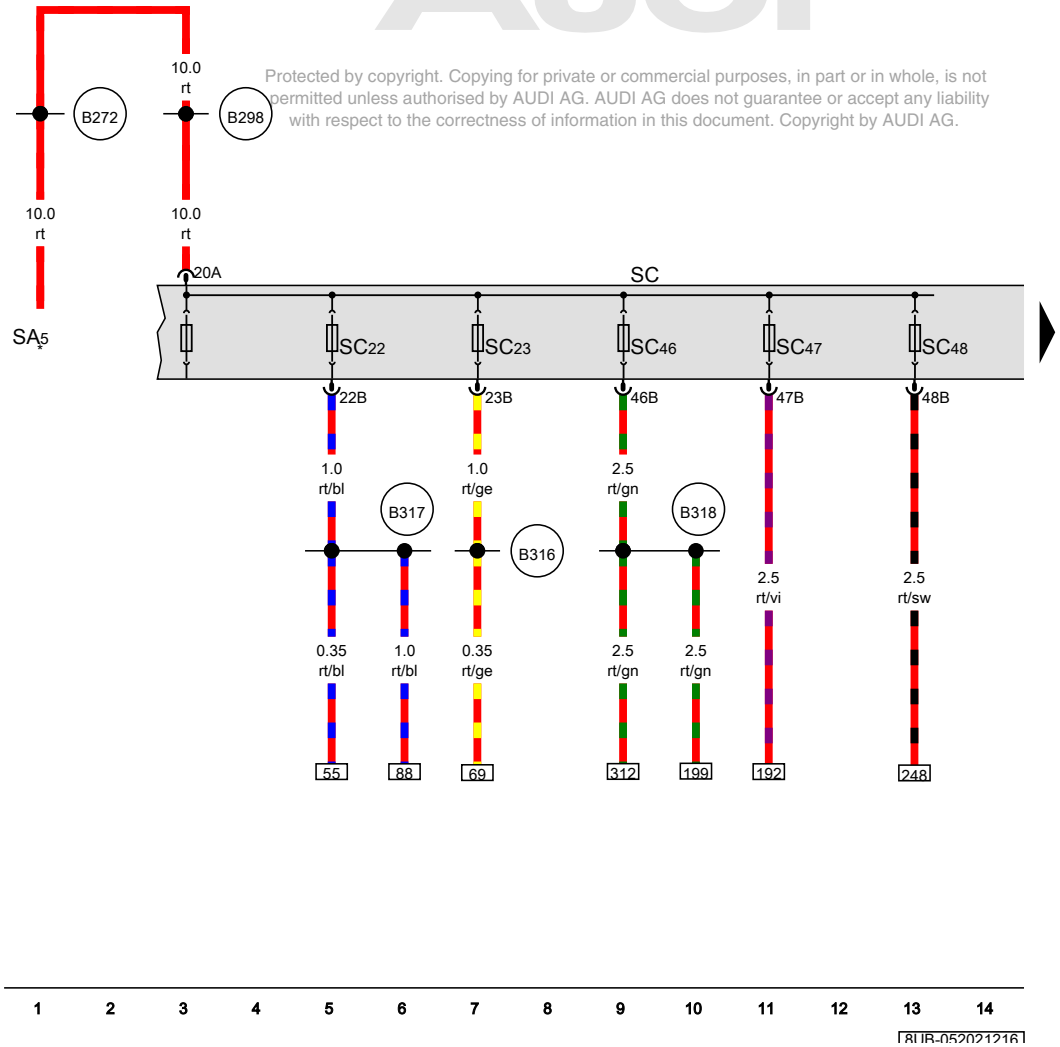
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Convenience system, right-hand drive

From August 2011

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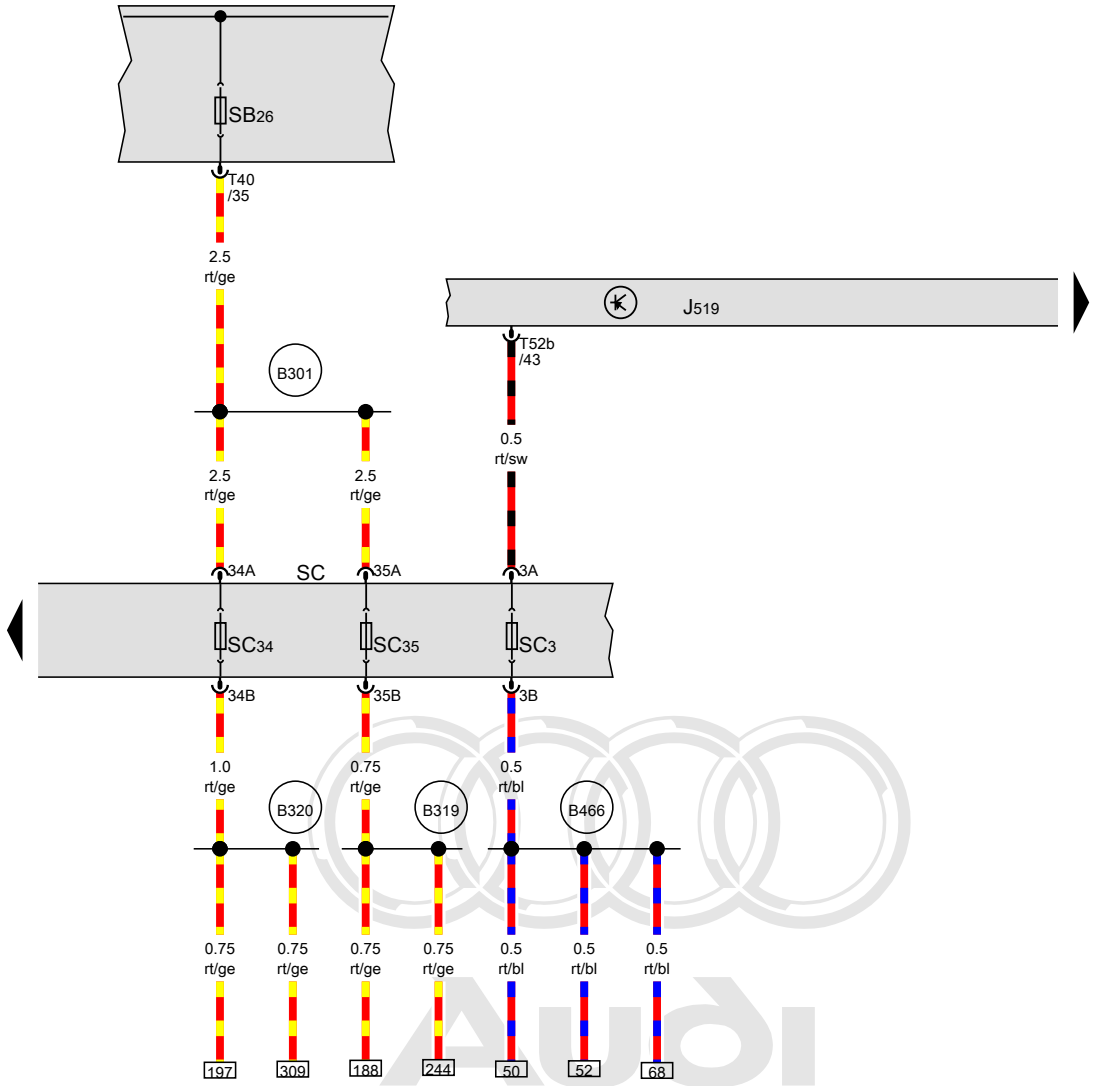
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Fuse holder C

SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B318	Positive connection 4 (30a) in main wiring harness
*	see applicable current flow diagram for battery in engine compartment

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Fuse holder C

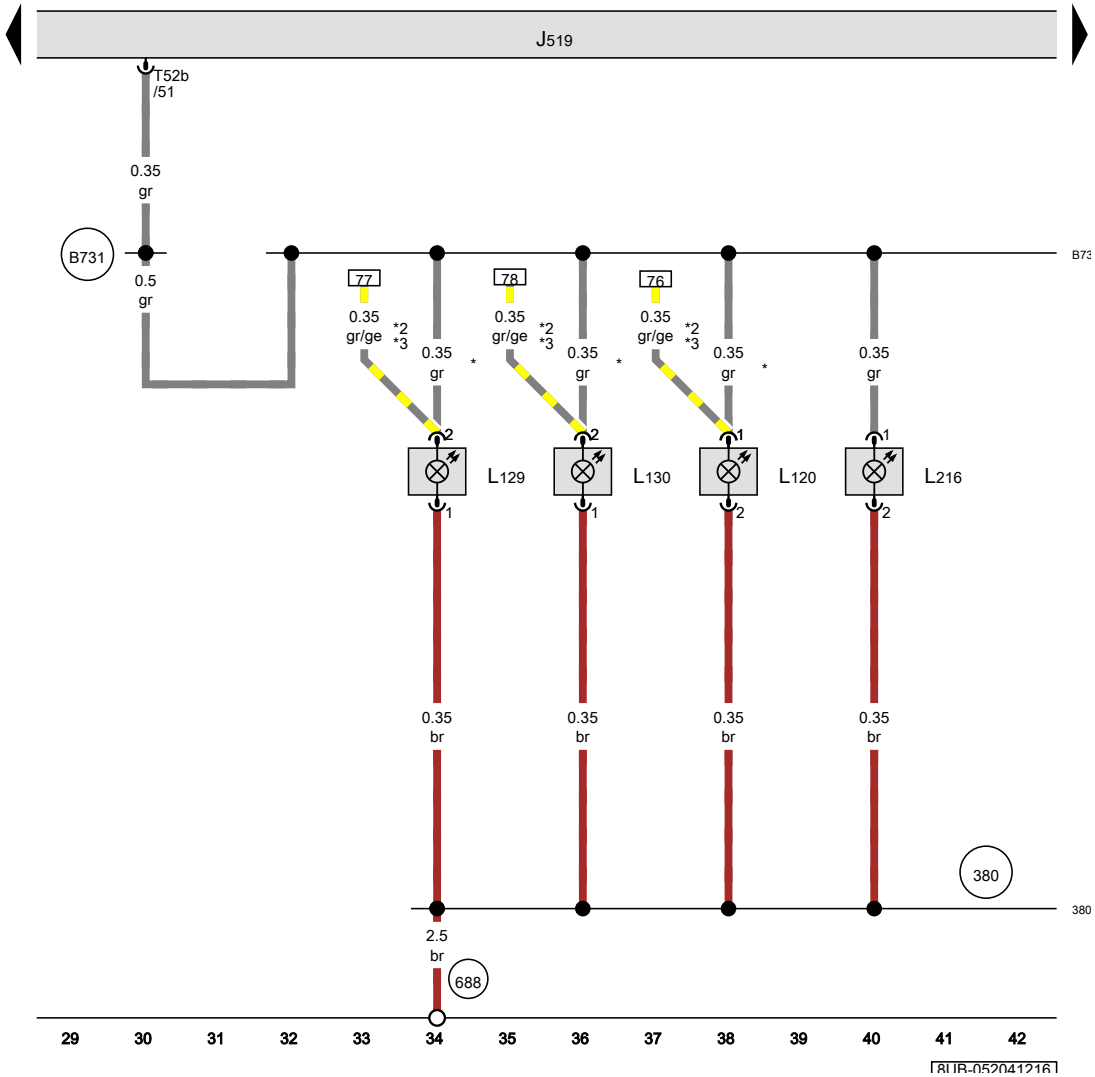
J519	Onboard supply control unit
SC3	Fuse 3 on fuse holder C
SB26	Fuse 26 on fuse holder B
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
T40	40-pin connector
T52b	52-pin connector
B301	Positive connection 5 (30), in main wiring harness
B319	Positive connection 5 (30a) in main wiring harness
B320	Positive connection 6 (30a) in main wiring harness
B466	Connection 2, in main wiring harness

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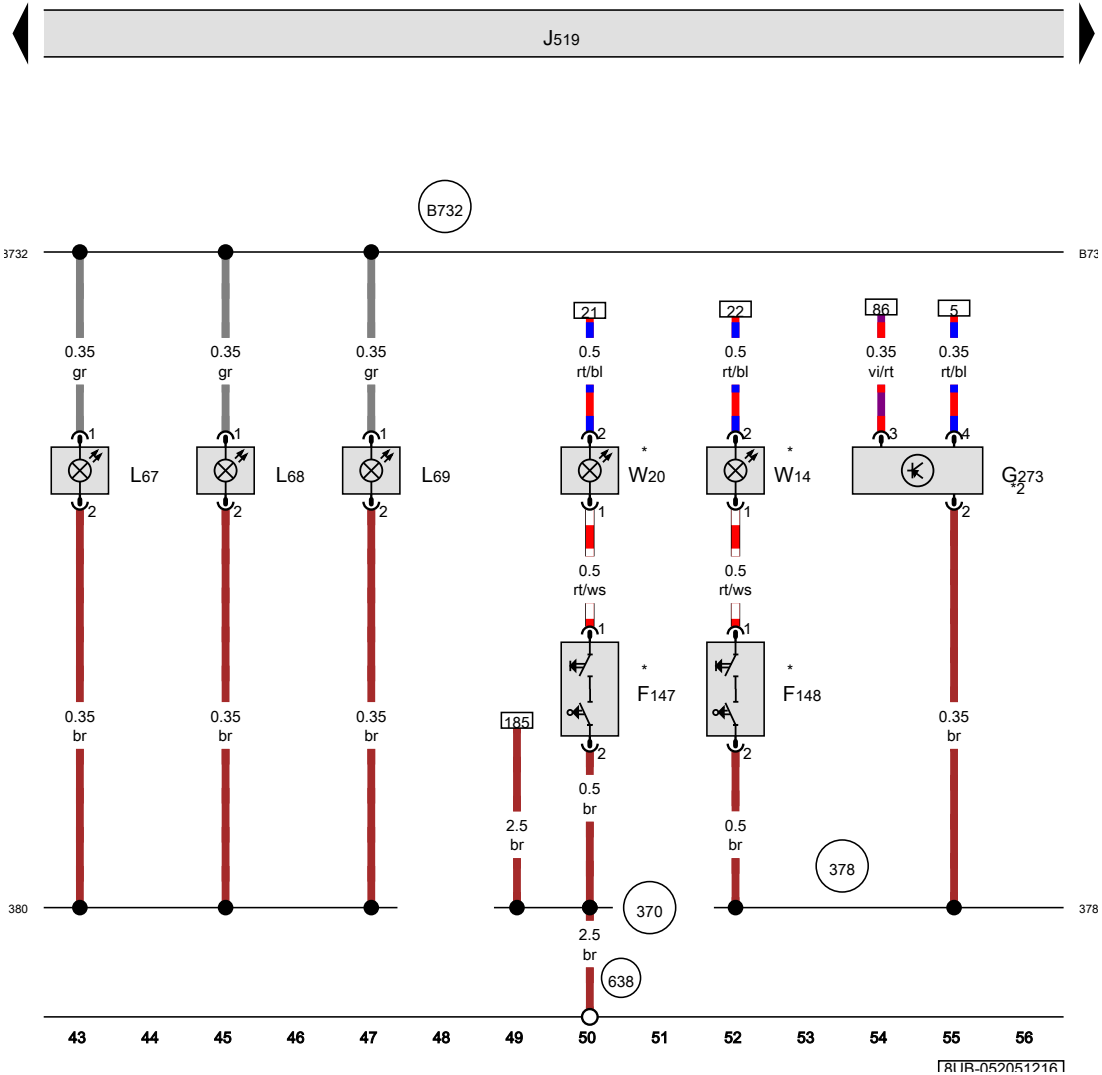
Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T52b	52-pin connector
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with radio chorus
*2	Only models with radio concert
*3	Only models with MMI



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ro = red
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li = purple
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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

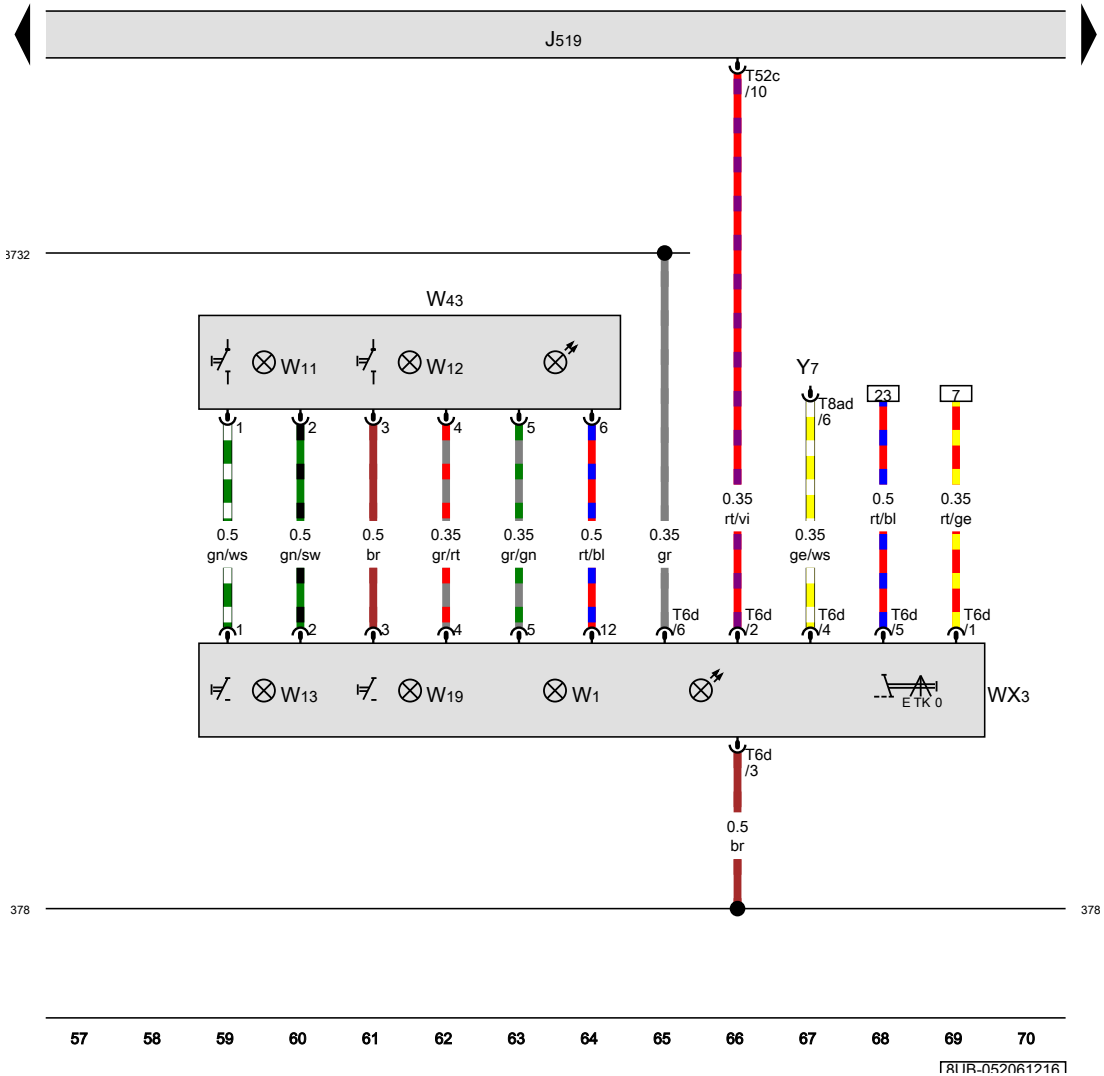
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Front roof module, Rear interior light

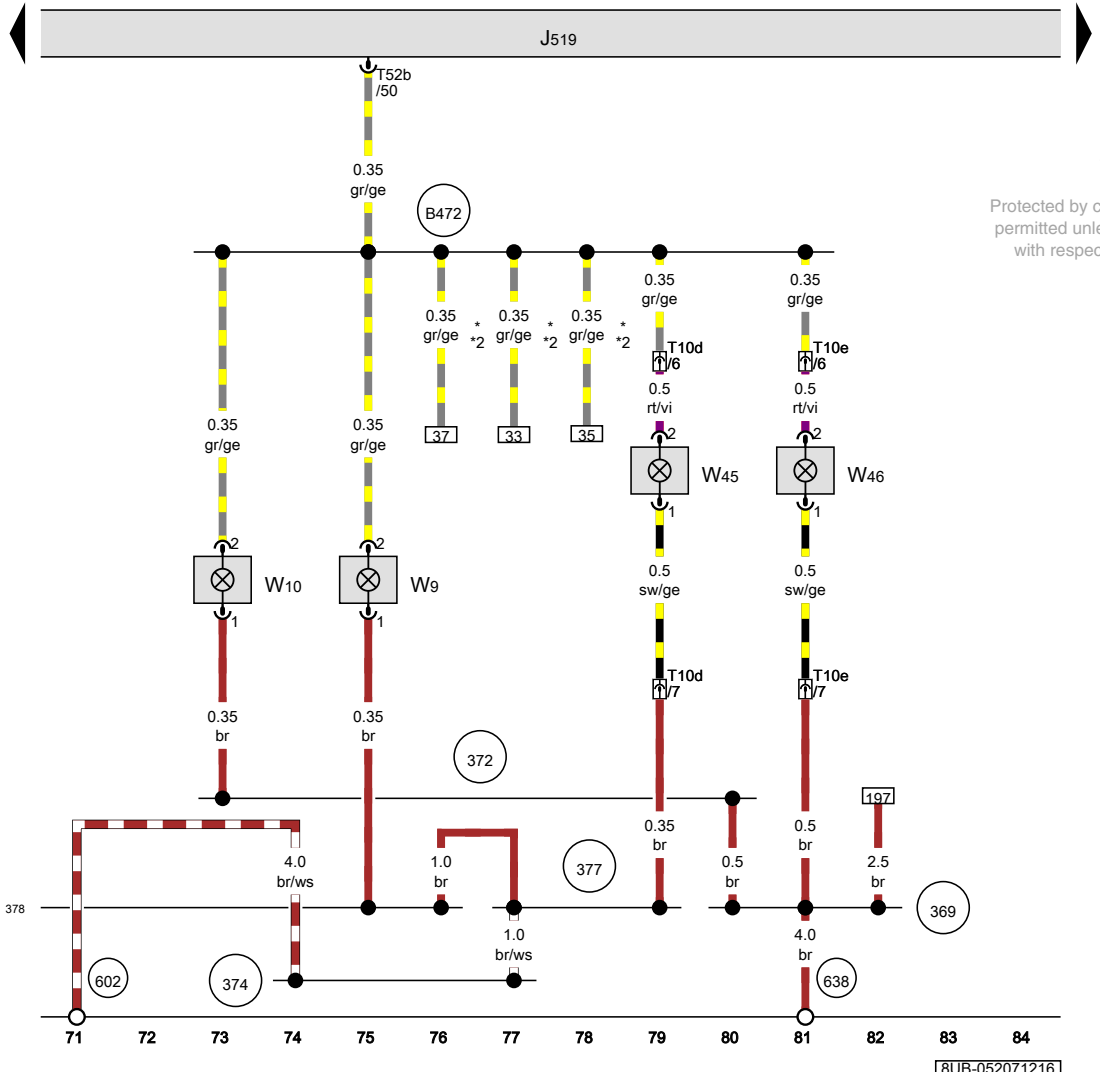
J519	Onboard supply control unit
T6d	6-pin connector
T8ad	8-pin connector
T52c	52-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness

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Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

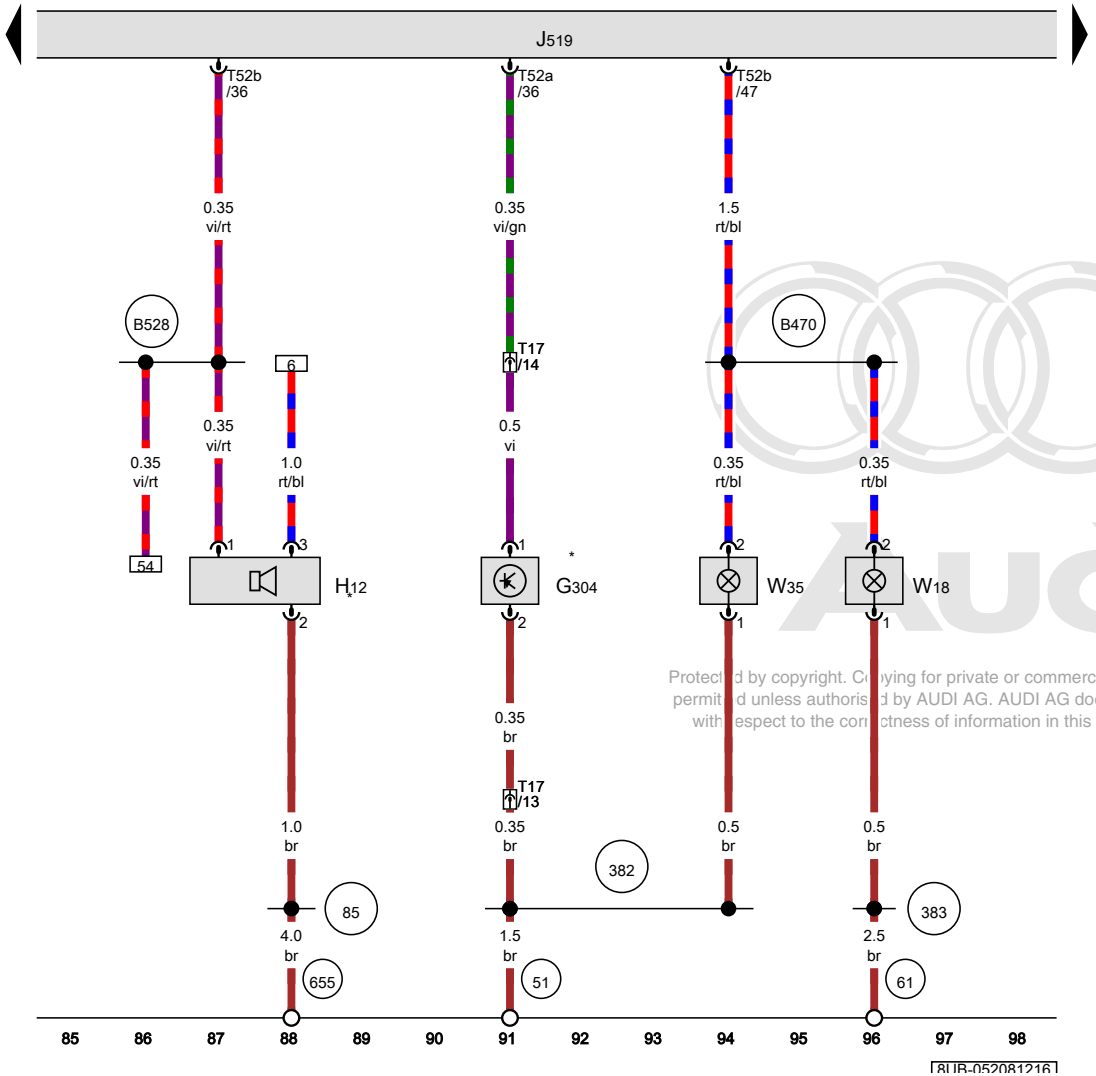


J519	Onboard supply control unit
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI

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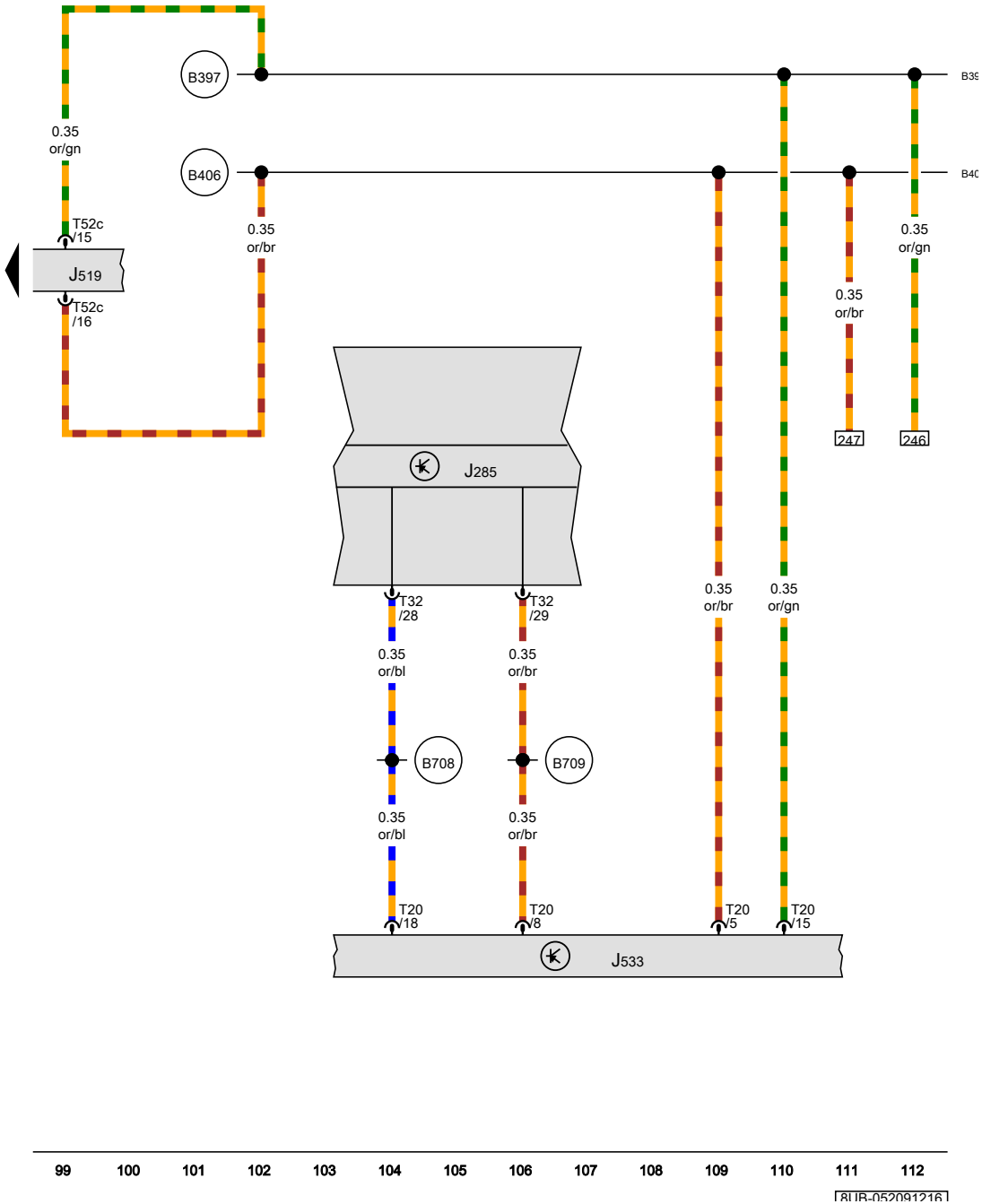
Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light



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G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector
T52b	52-pin connector
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system

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sw	=	black
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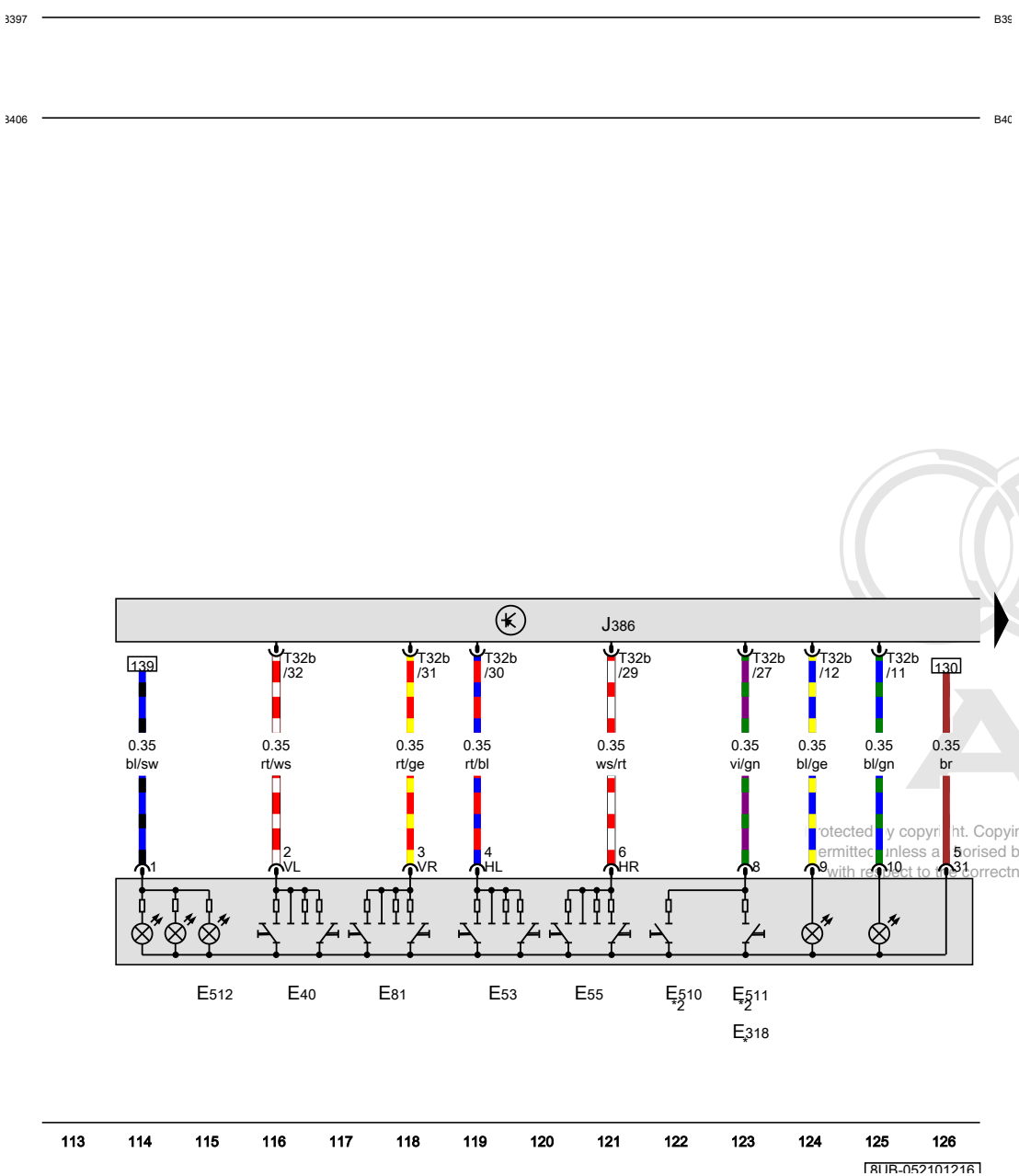


Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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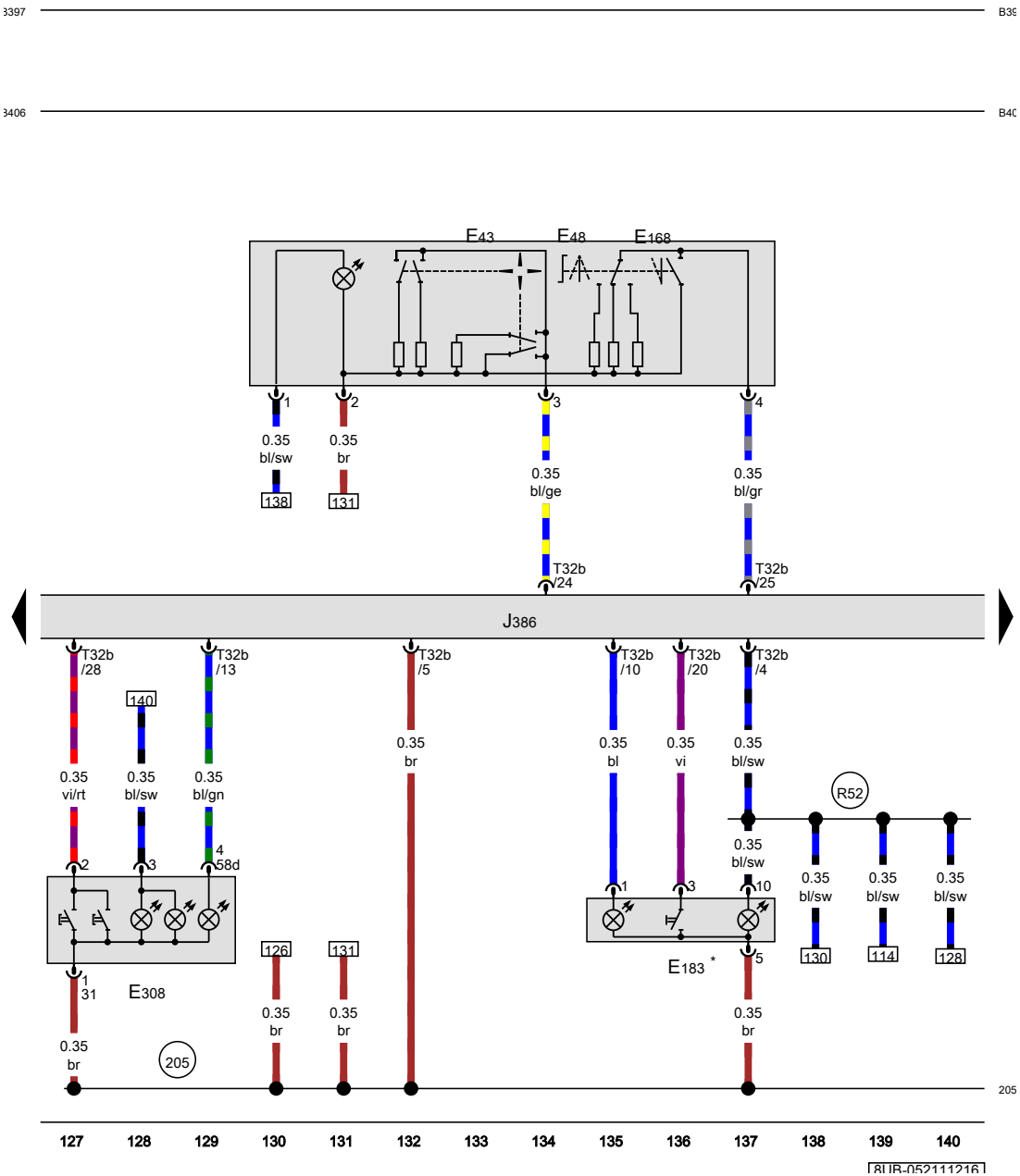


Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Button for left childproof lock, Button for right childproof lock, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T32b	32-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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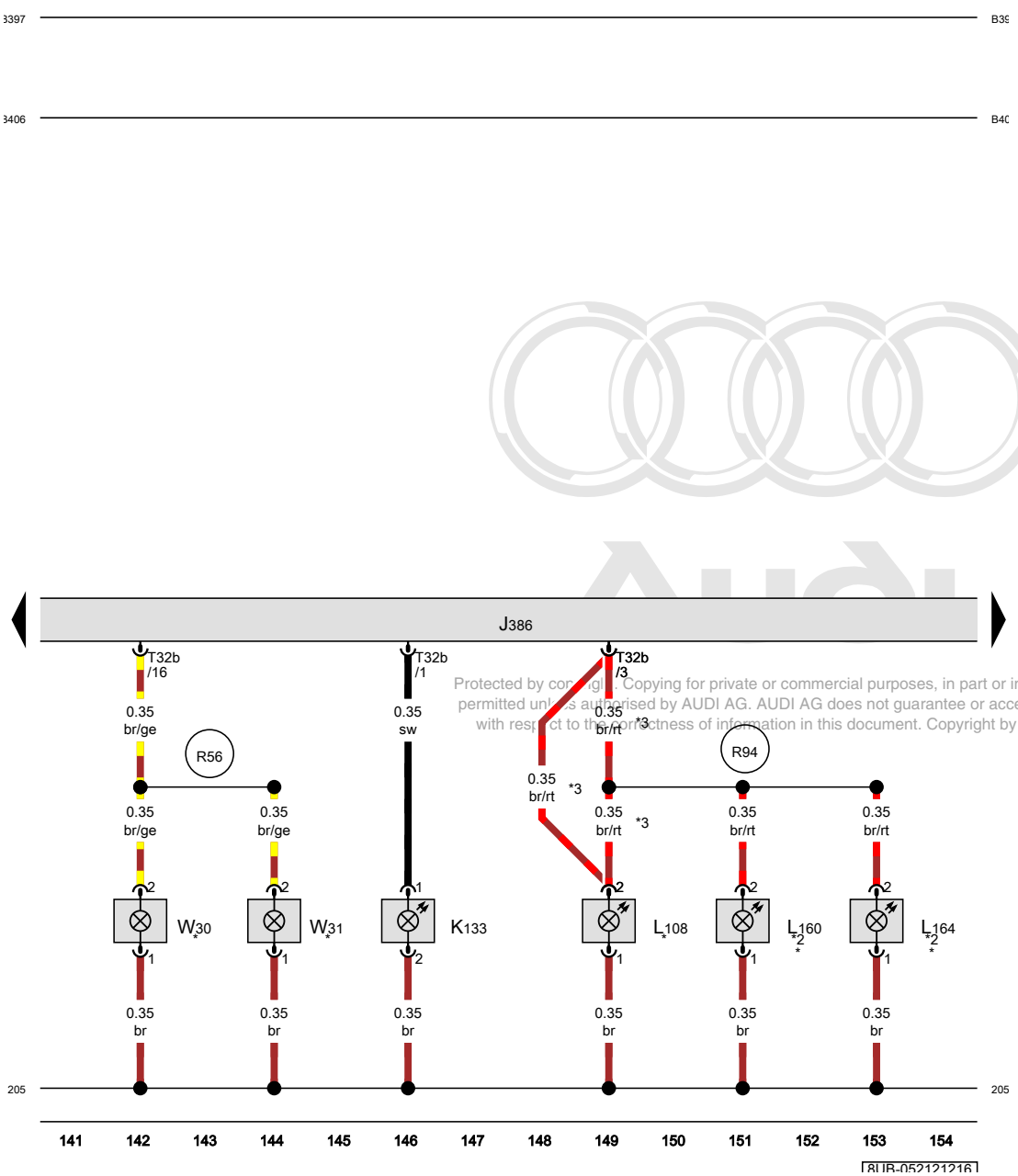


Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor

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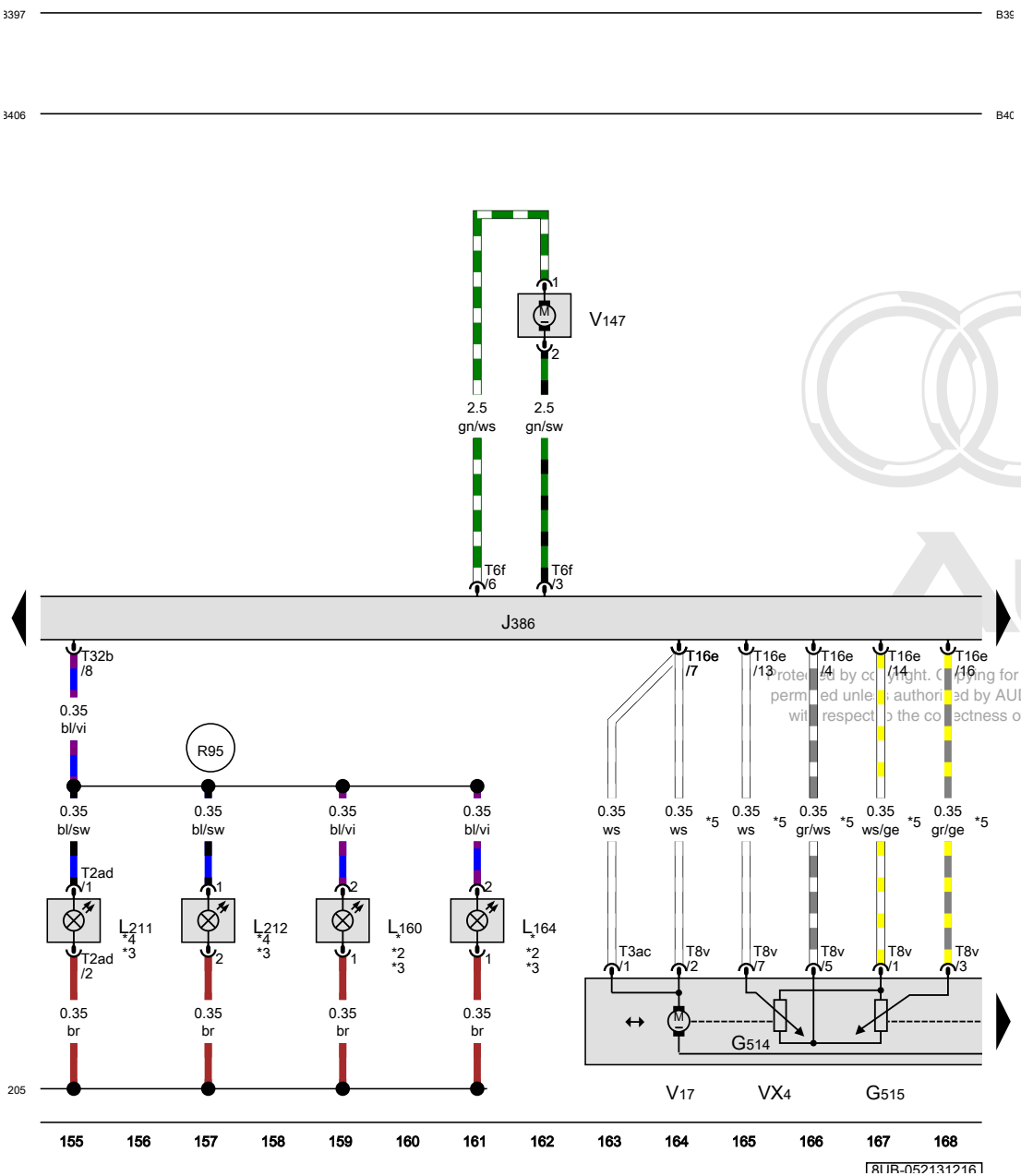


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Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T32b	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment



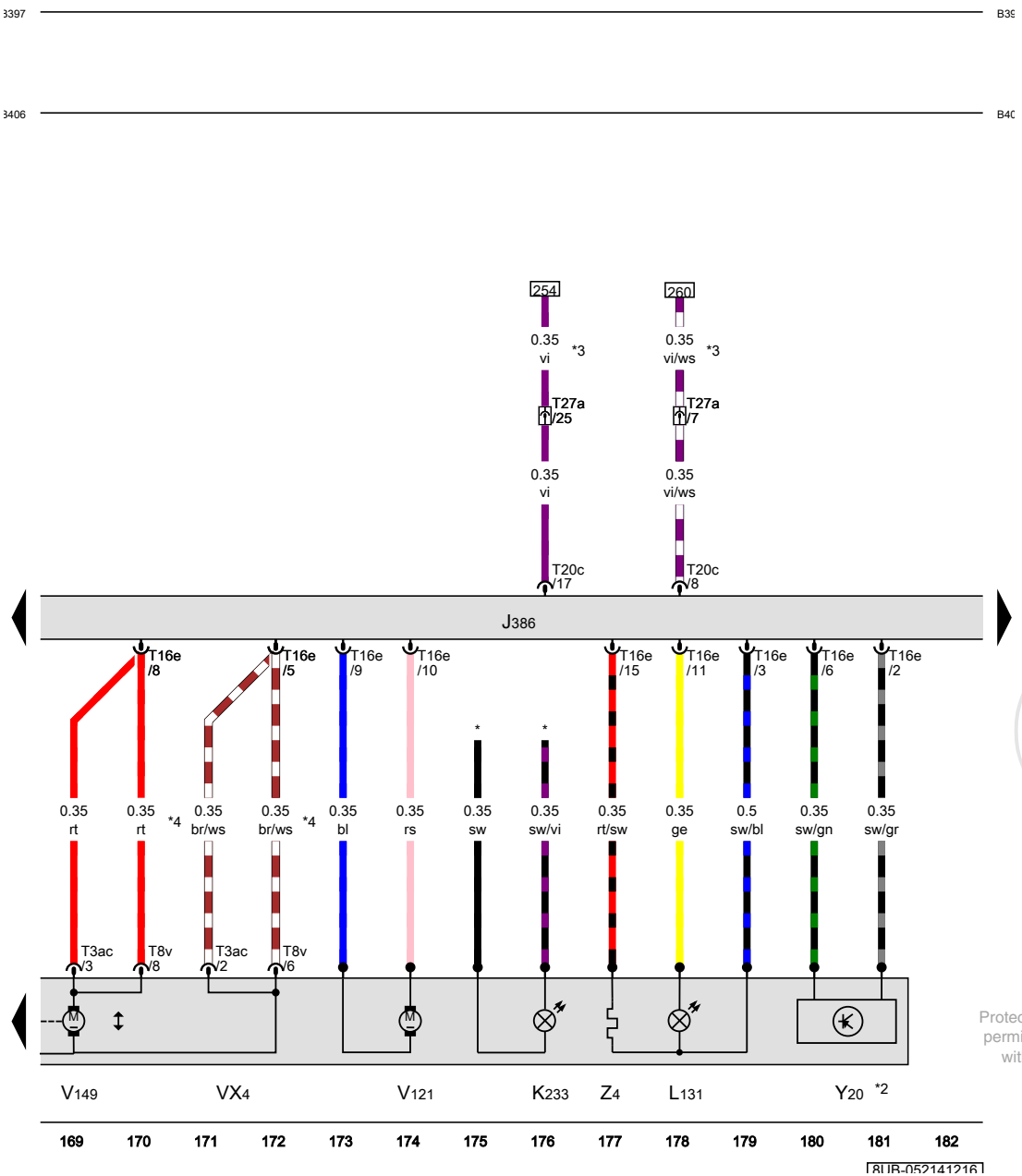
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Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T2ad	2-pin connector
T3ac	3-pin connector
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector
T32b	32-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness

* Only models with radio concert
*2 Only models with MMI
*3 Only models with additional lights
*4 Only models with BOSE sound system
*5 Only models with electric seat adjustment and memory function

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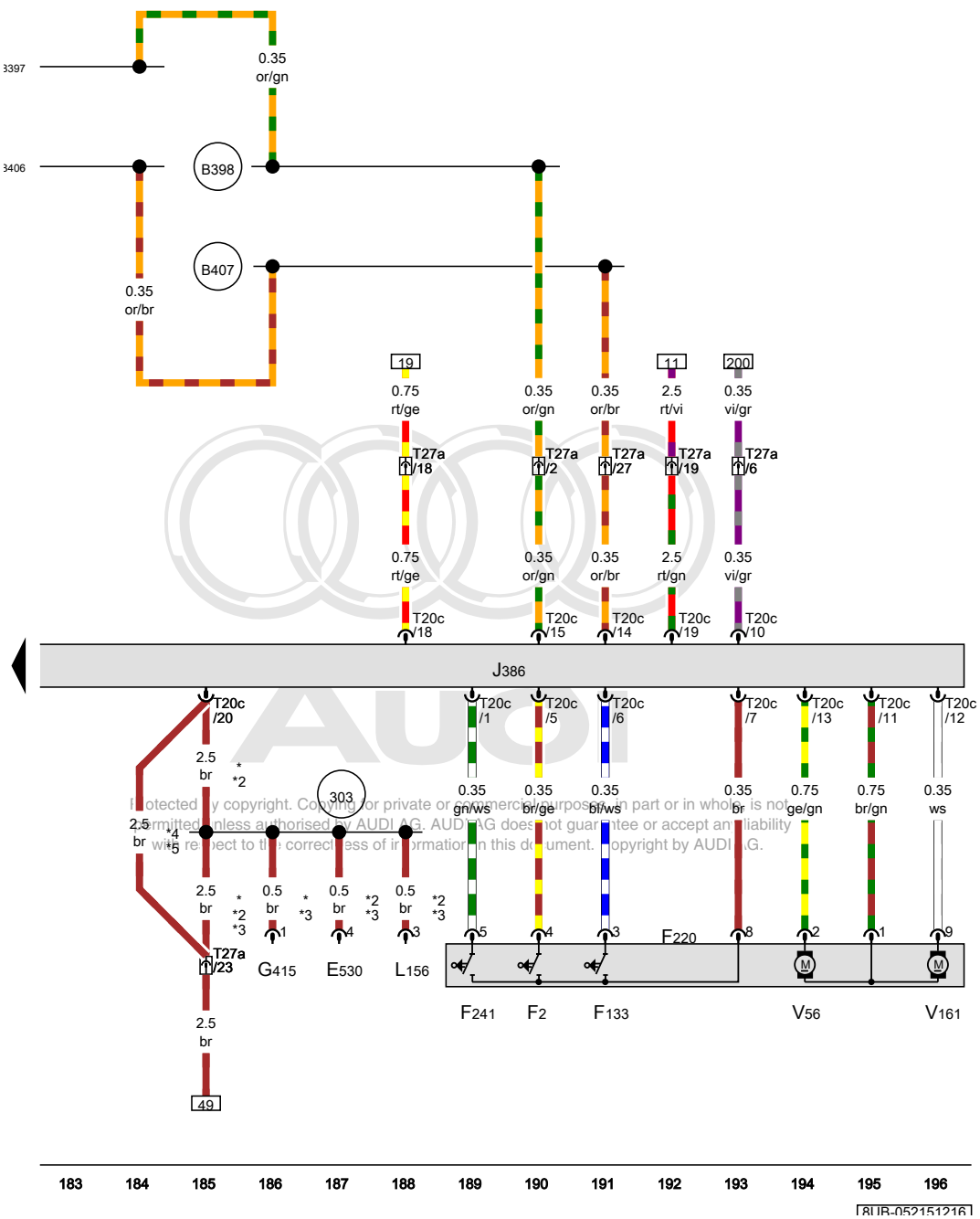


Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector
T8v	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function

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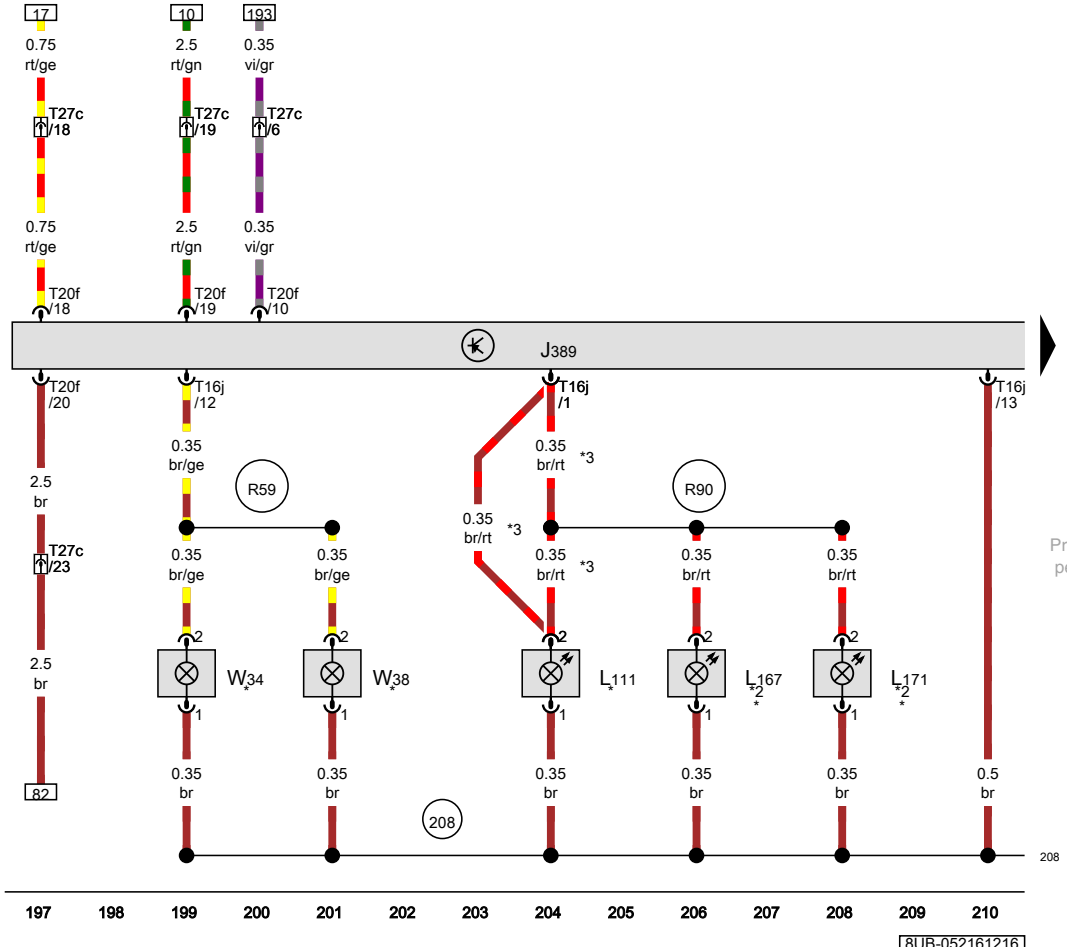
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Driver side central locking lock unit, Driver door control unit

E530	Button for lane change assist
F2	Driver door contact switch
F133	Front right central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with lane change assist
*3	see applicable current flow diagram
*4	Only models with no entry and start authorisation
*5	According to equipment

Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T16j	16-pin connector
T20f	20-pin connector
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment



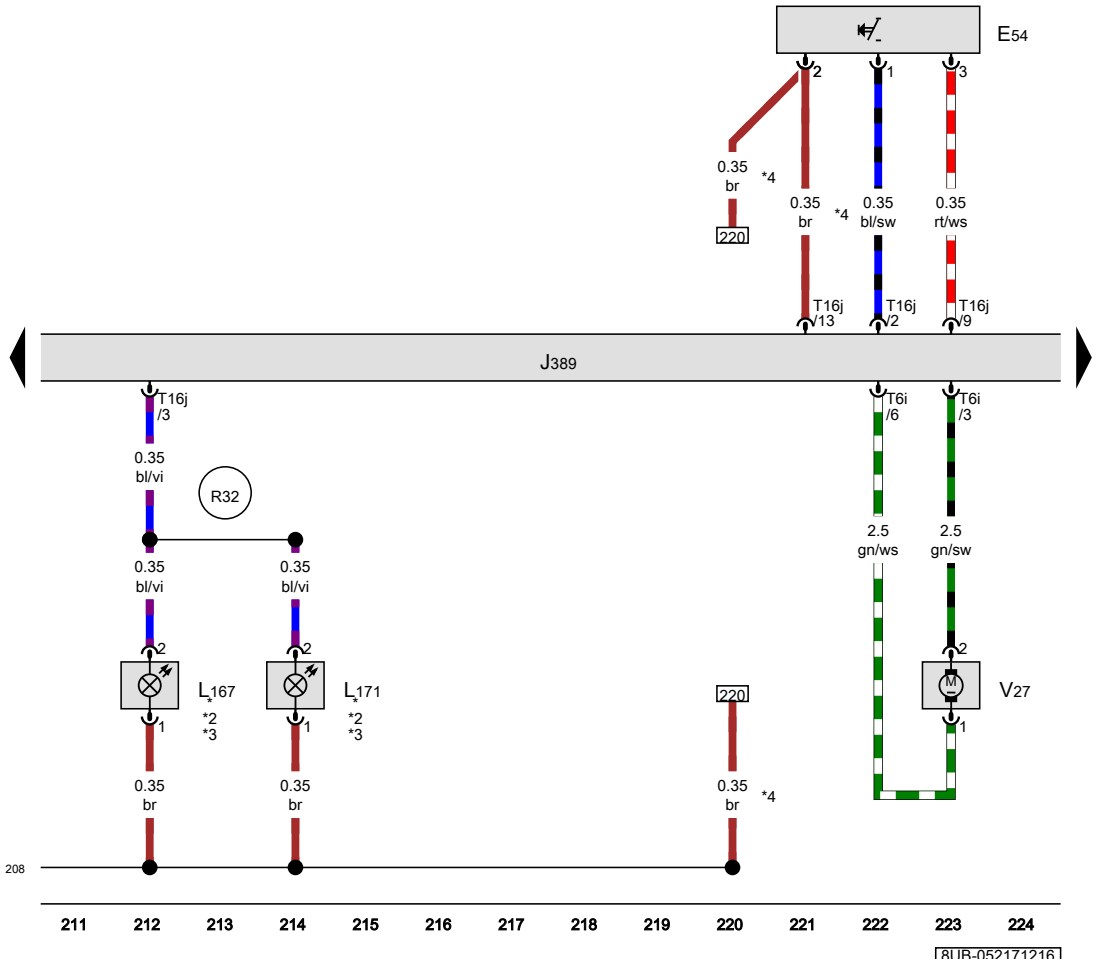
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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T6i	6-pin connector
T16j	16-pin connector
V27	Rear right window regulator motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

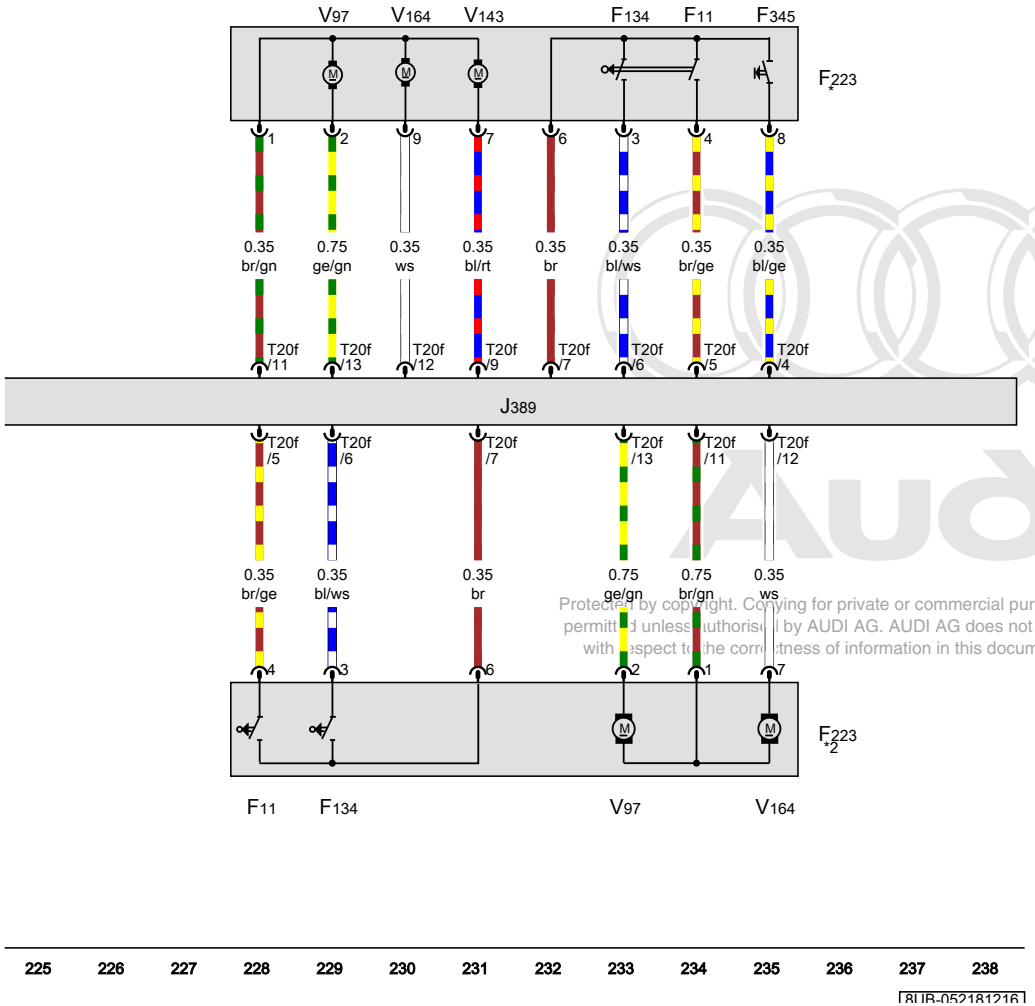
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Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T20f	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Only models with no childproof locks

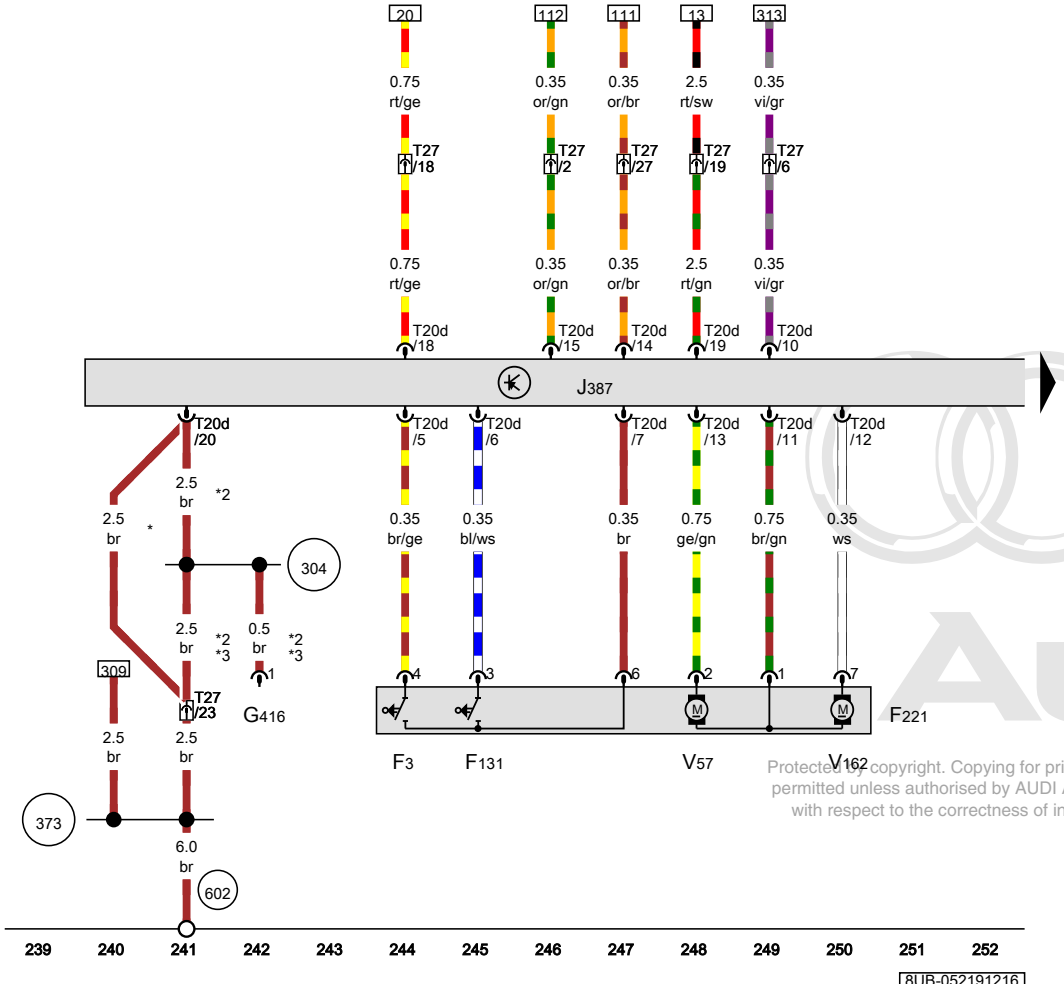


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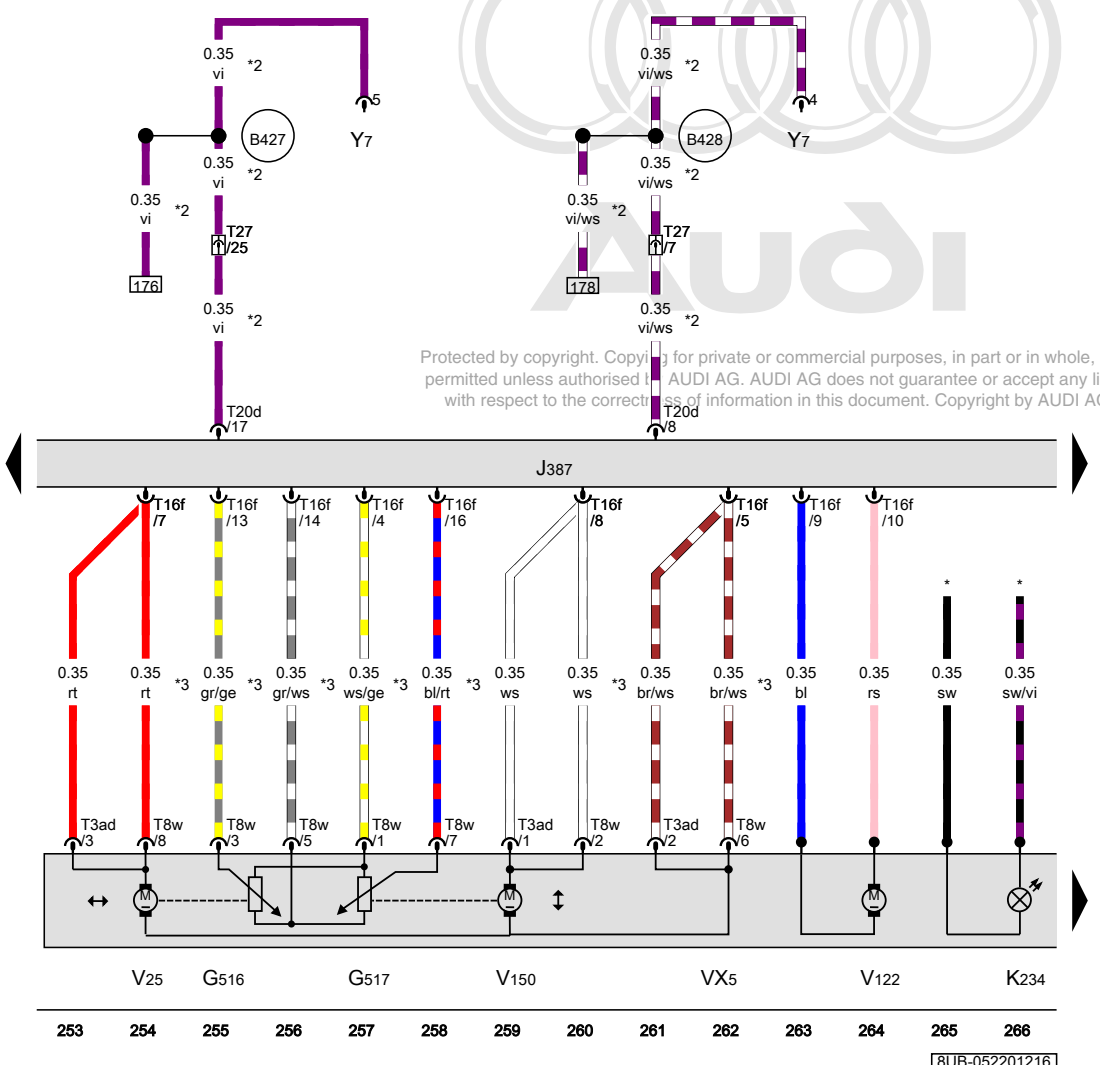
Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F131	Front left central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram



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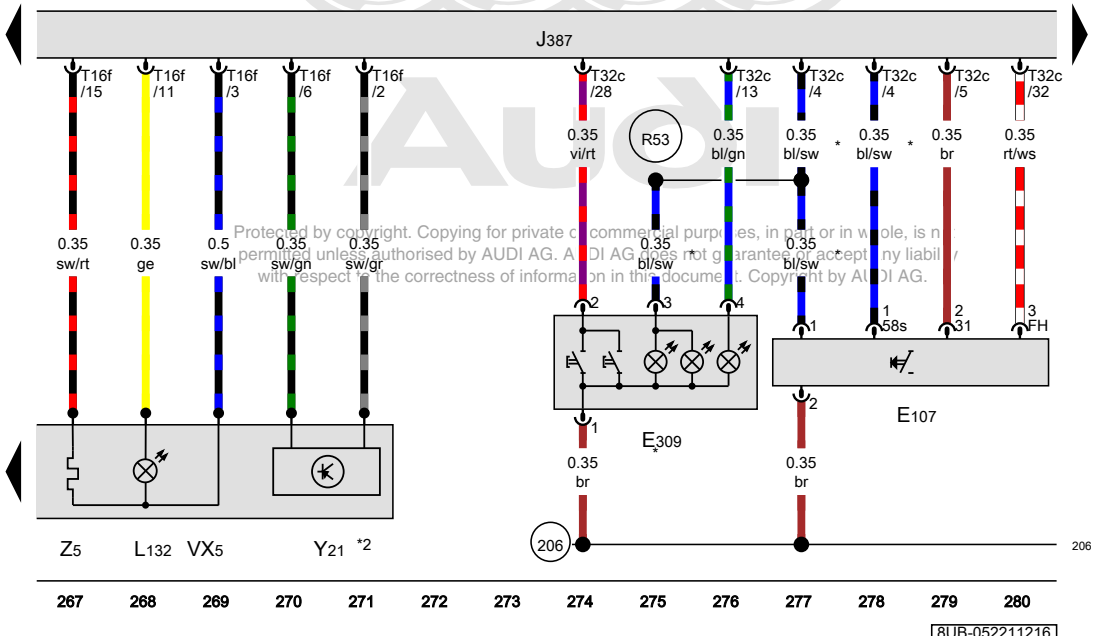
Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

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
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector
T8w	8-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16f	16-pin connector
T32c	32-pin connector
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror



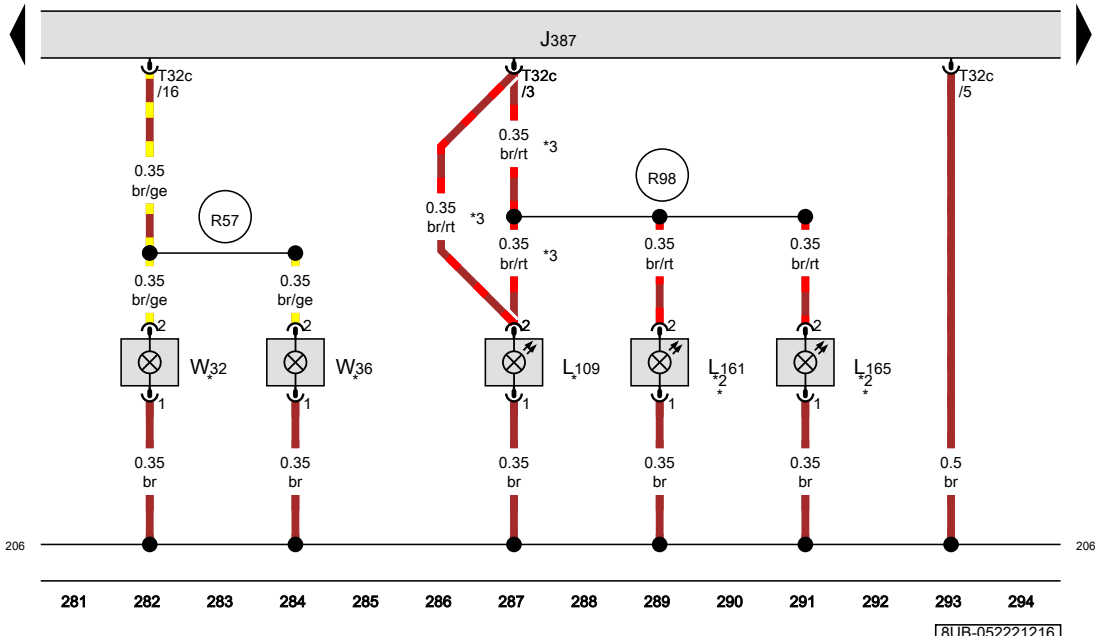
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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T32c	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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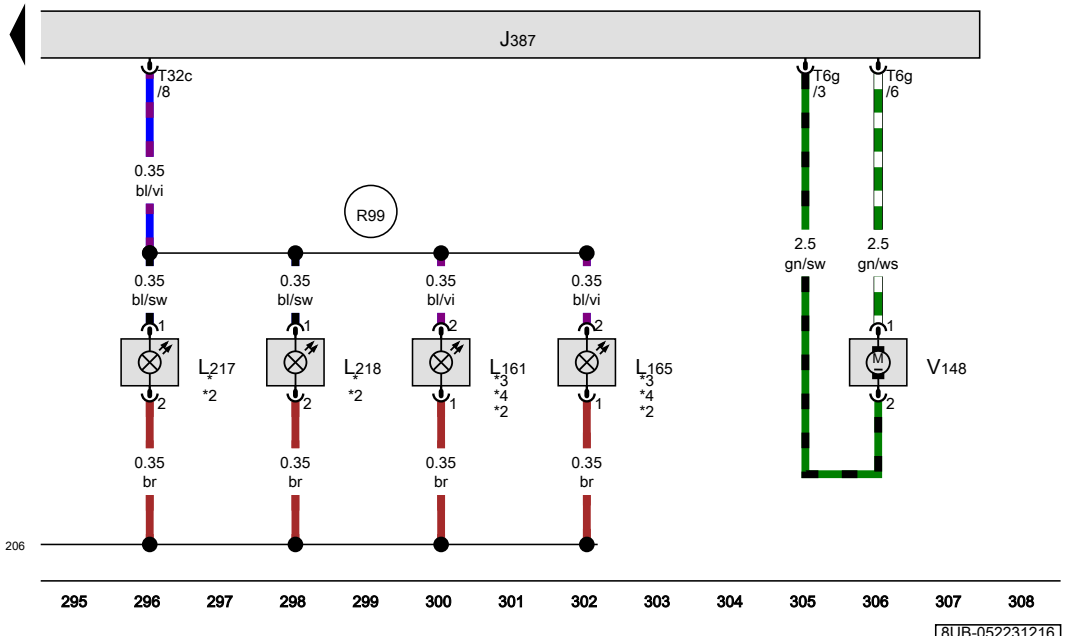


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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T6g	6-pin connector
T32c	32-pin connector
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI

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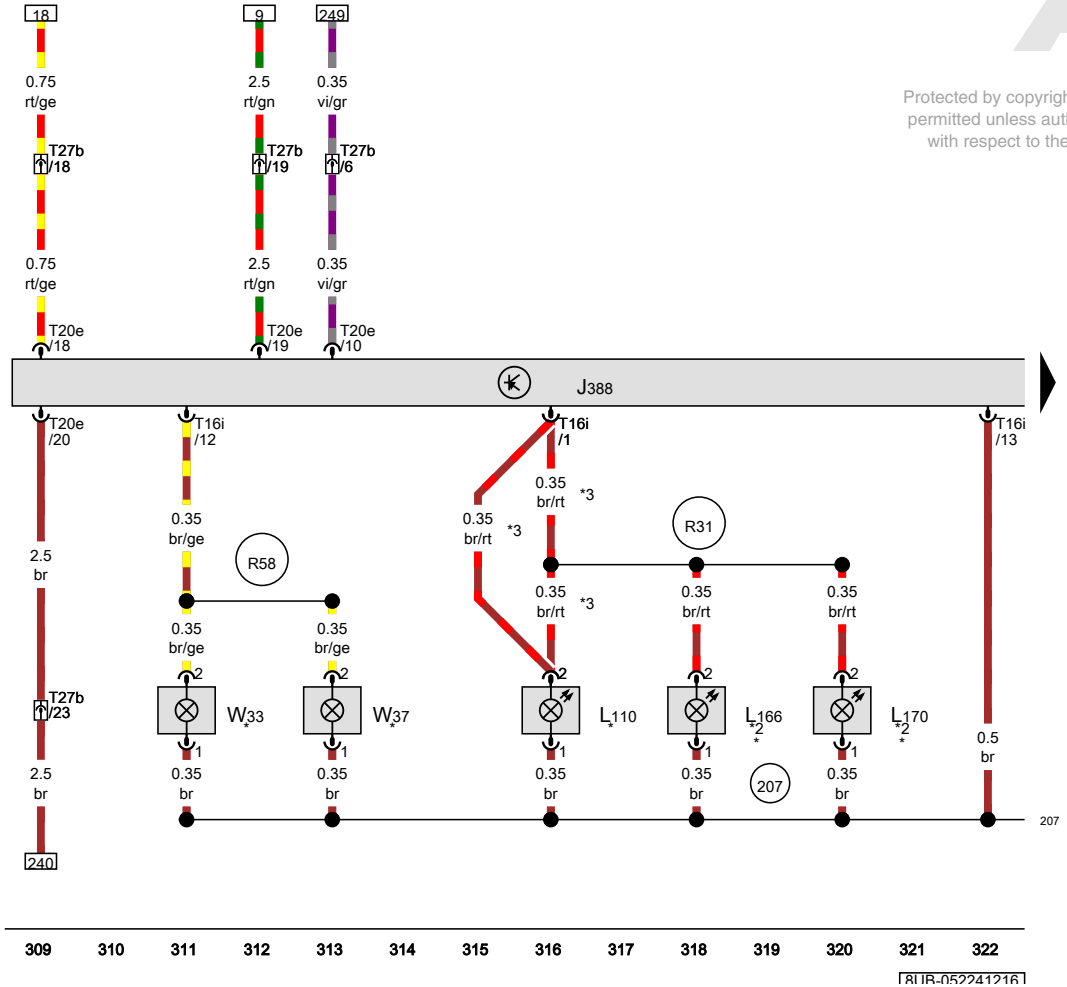


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Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T16i	16-pin connector
T20e	20-pin connector
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

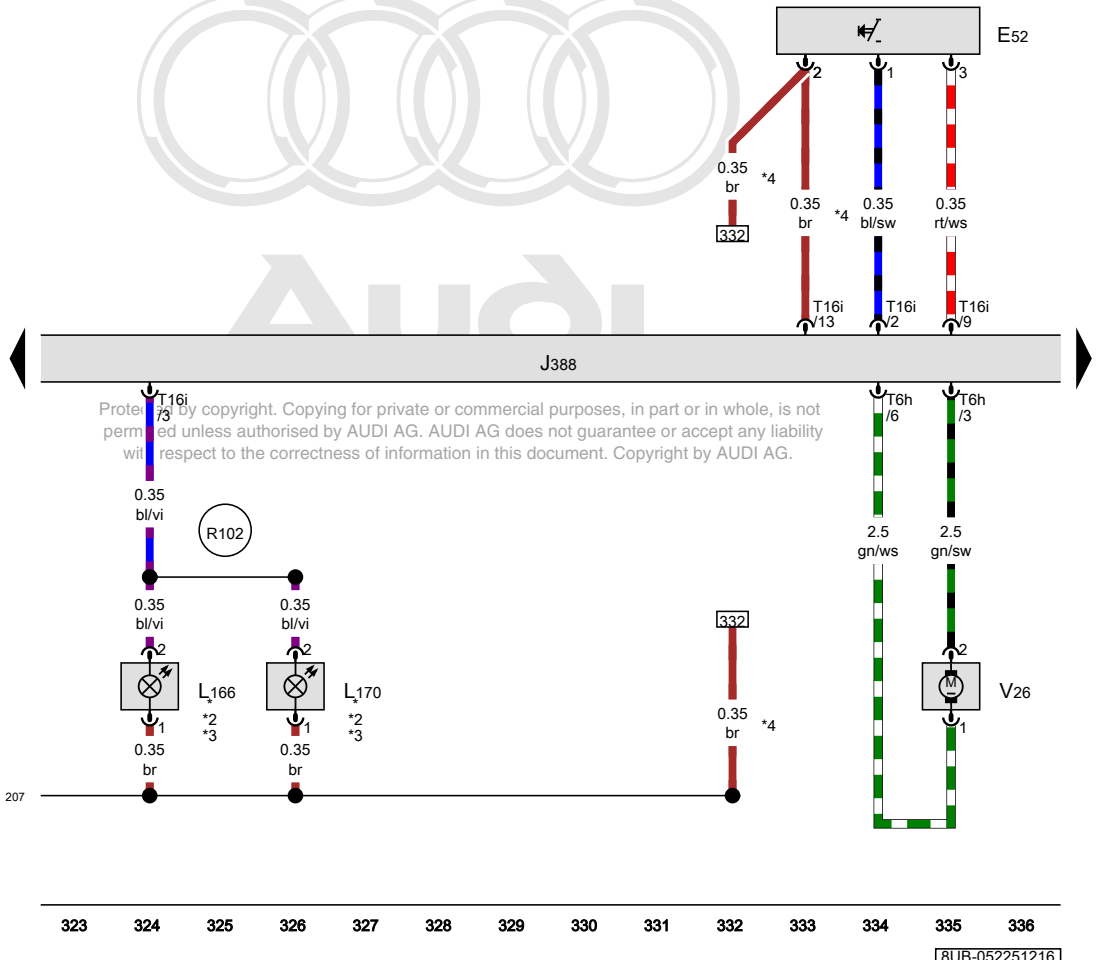
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Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T6h	6-pin connector
T16i	16-pin connector
V26	Rear left window regulator motor
207	Earth connection, in rear left door wiring harness
R102	Connection 2, in rear left door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

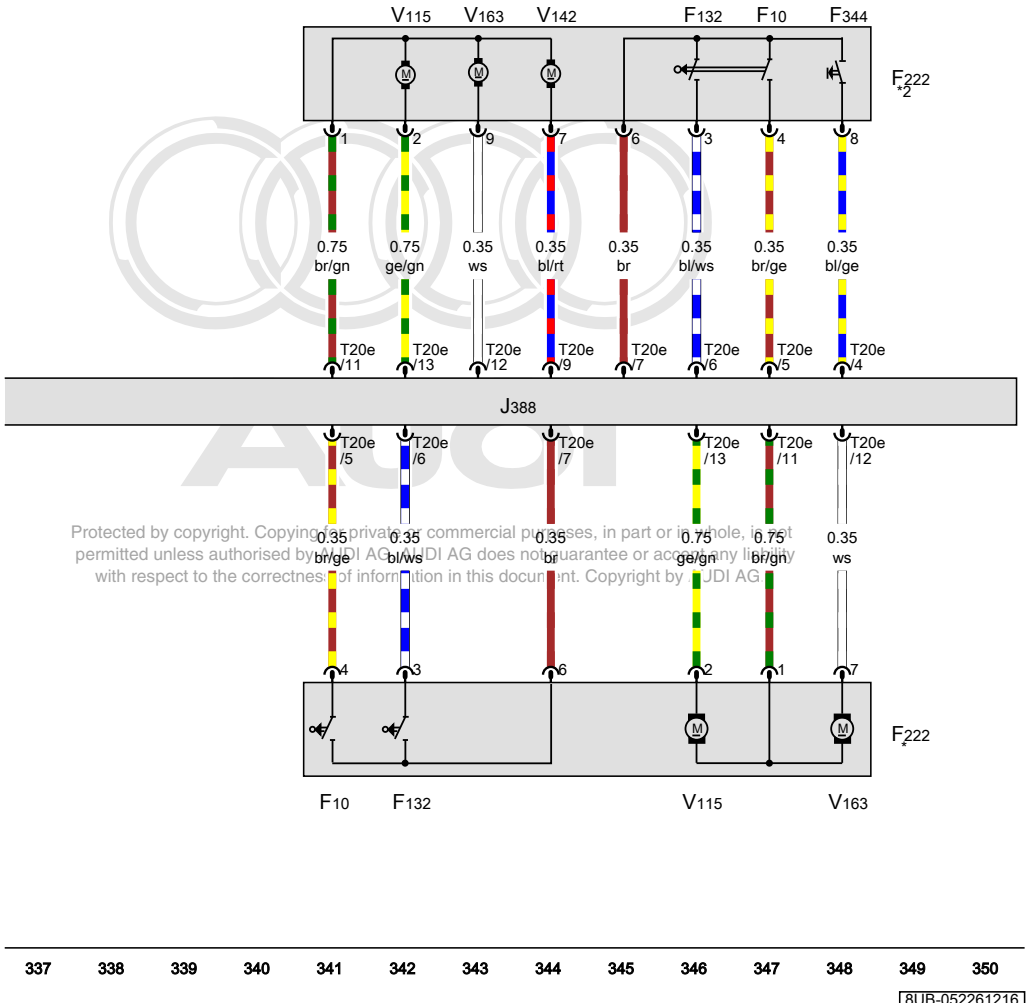


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Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T20e	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
*	Only models with no childproof locks
*2	Only models with childproof locks



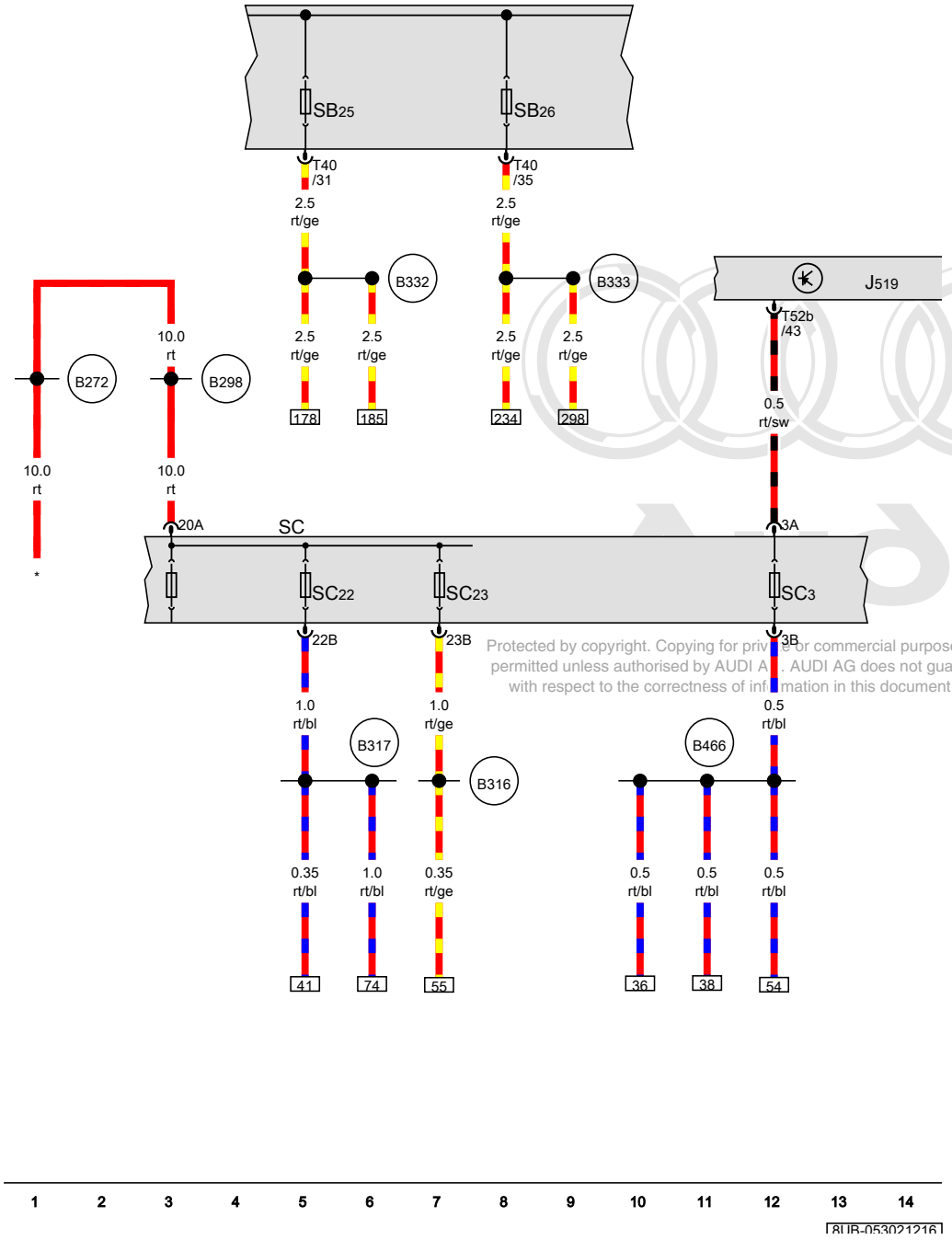
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Convenience system, right-hand drive

From November 2012

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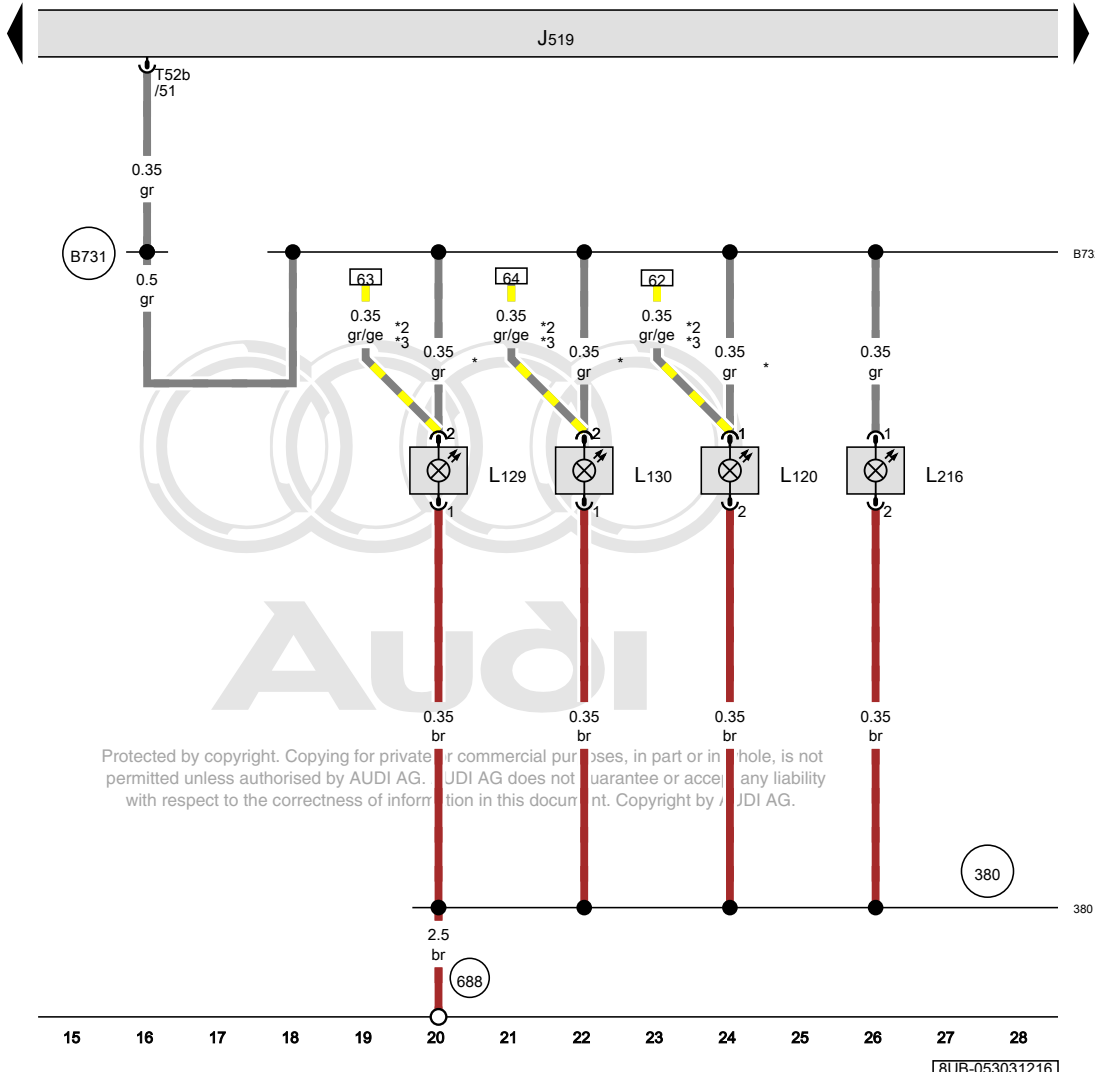
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Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SC3	Fuse 3 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
B466	Connection 2, in main wiring harness
*	see applicable current flow diagram for battery

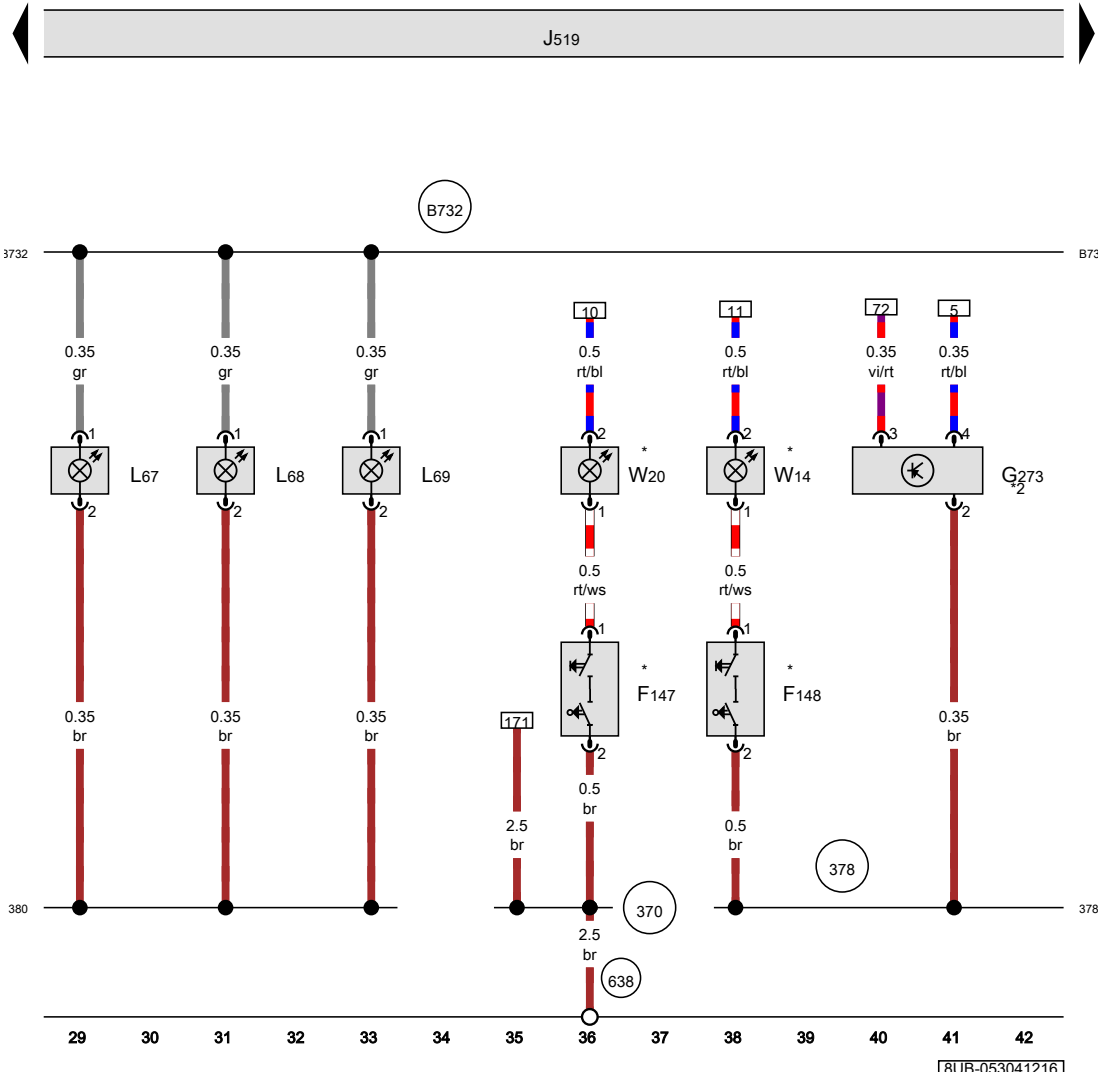
Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T52b	52-pin connector
380	Earth connection 15, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with radio chorus
*2	Only models with radio concert
*3	Only models with MMI



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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

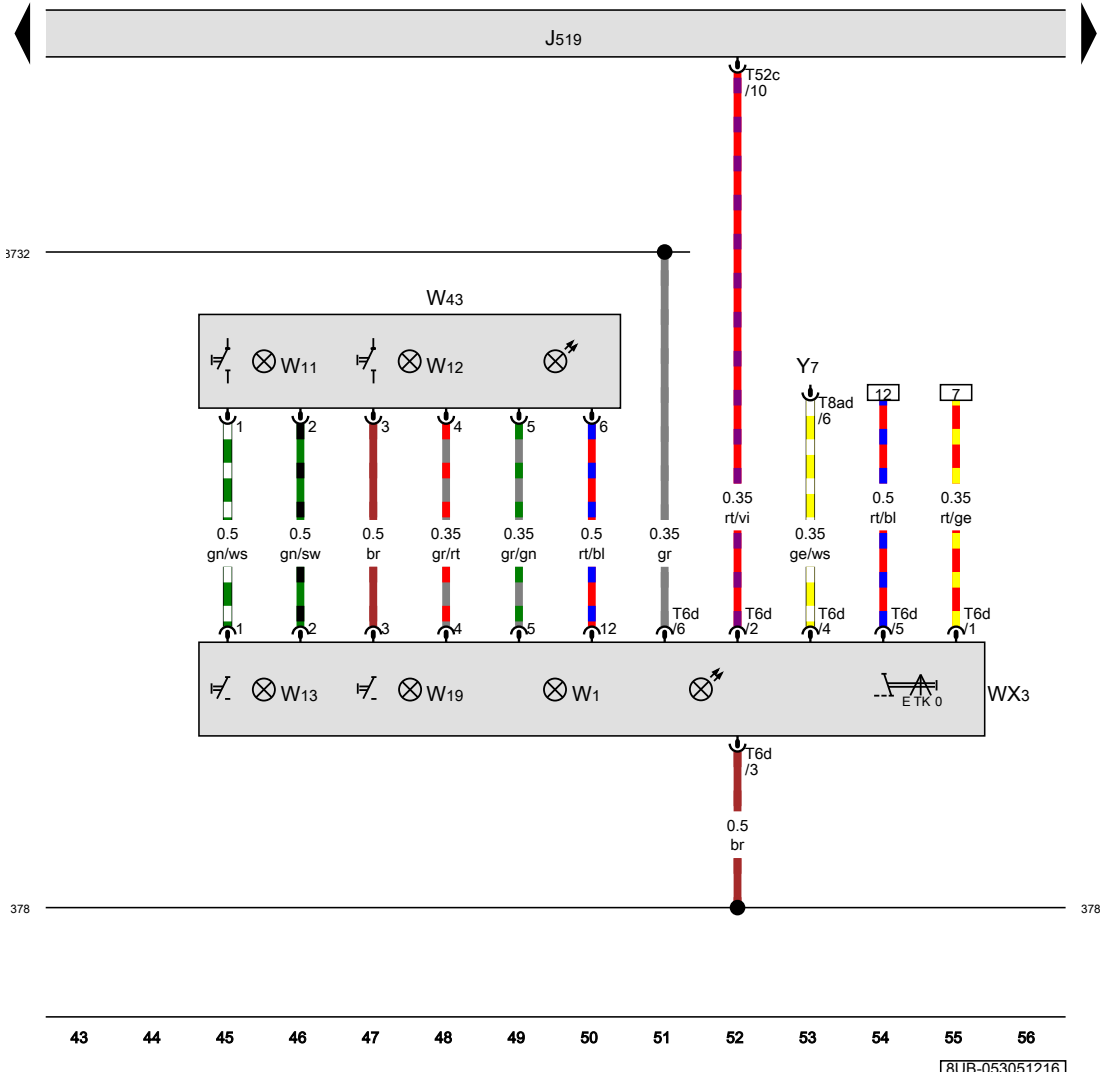
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
378	Earth connection 13, in main wiring harness
380	Earth connection 15, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

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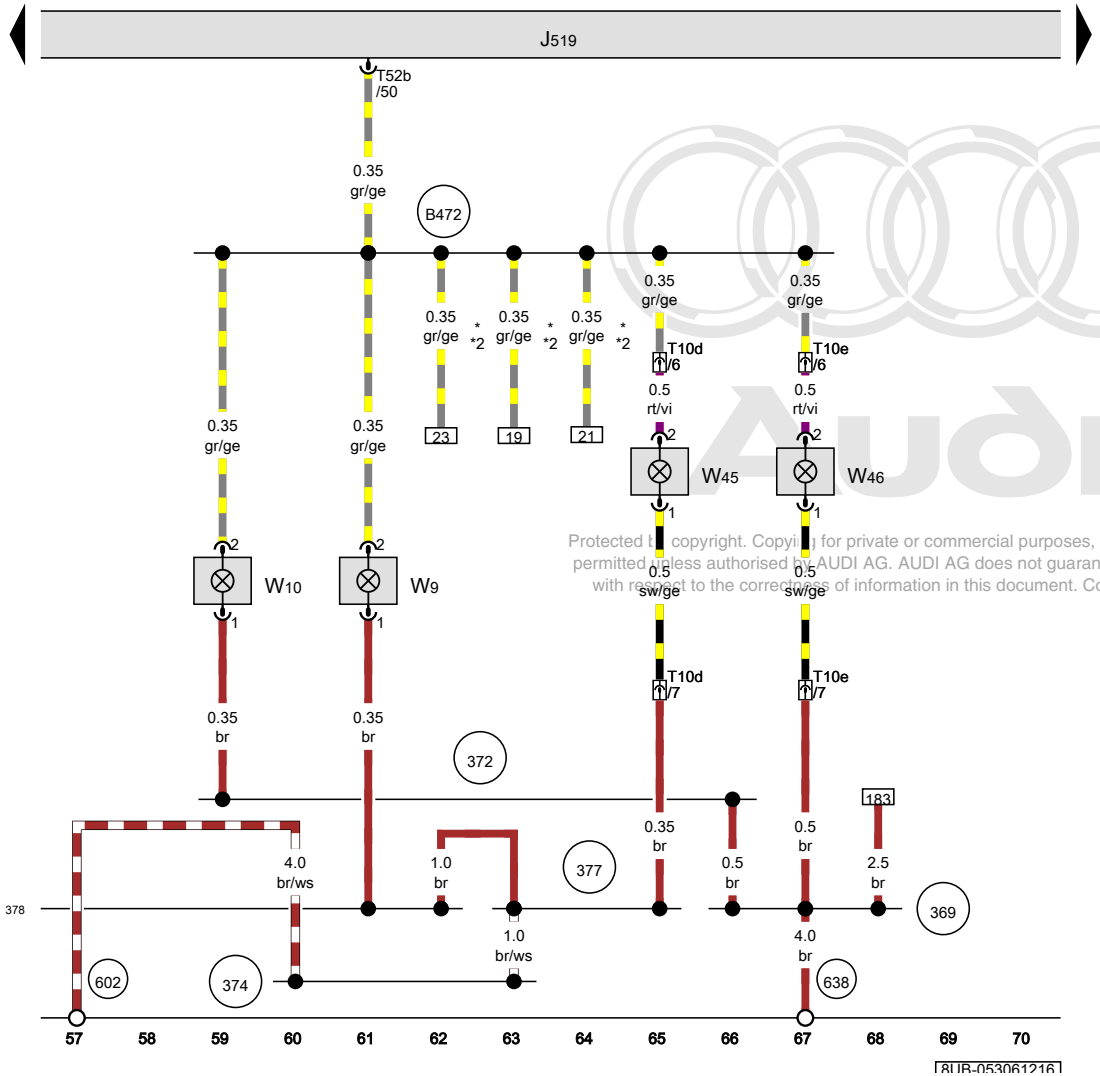
Front roof module, Rear interior light

J519	Onboard supply control unit
T6d	6-pin connector
T8ad	8-pin connector
T52c	52-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness



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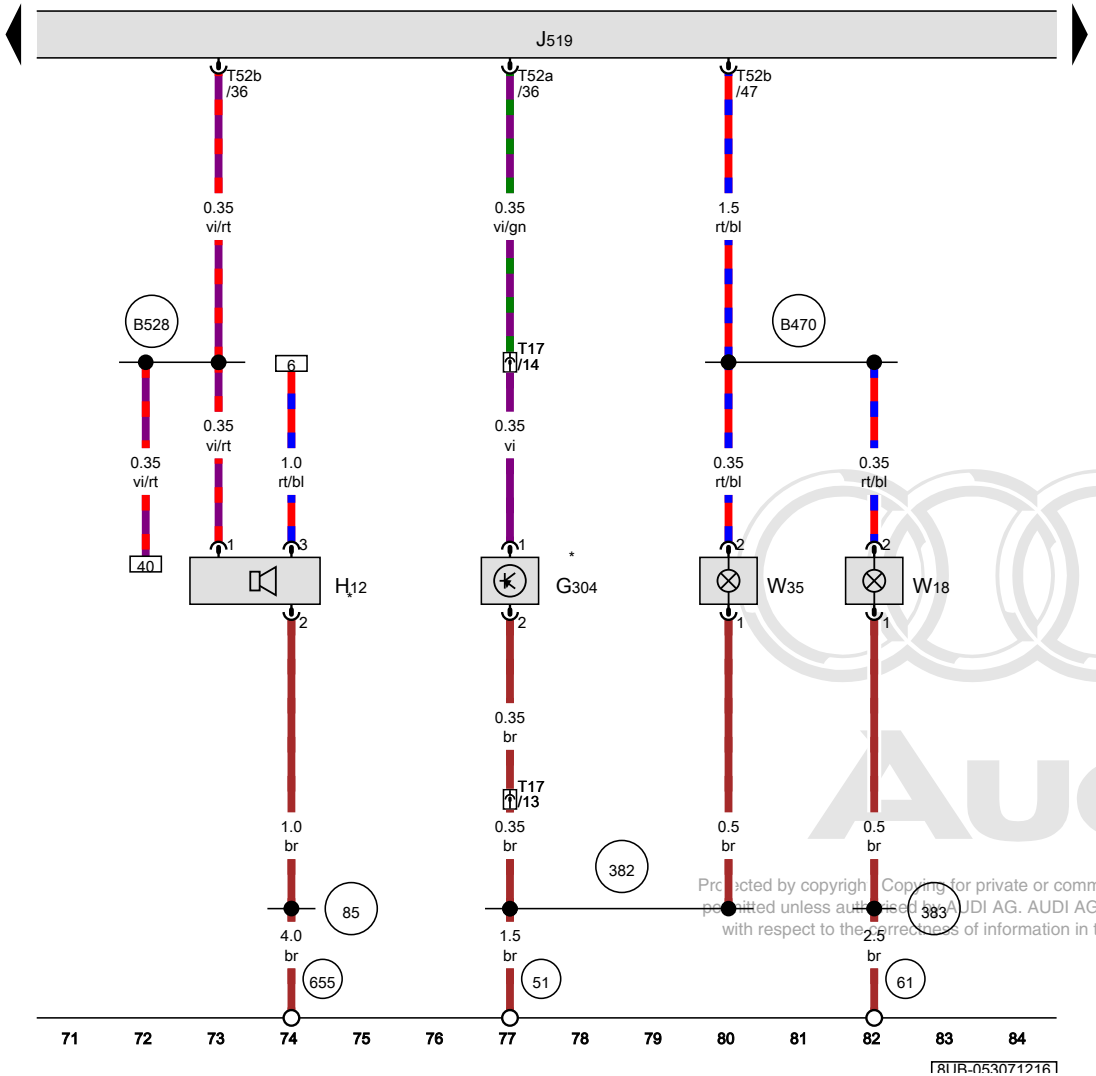
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Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI

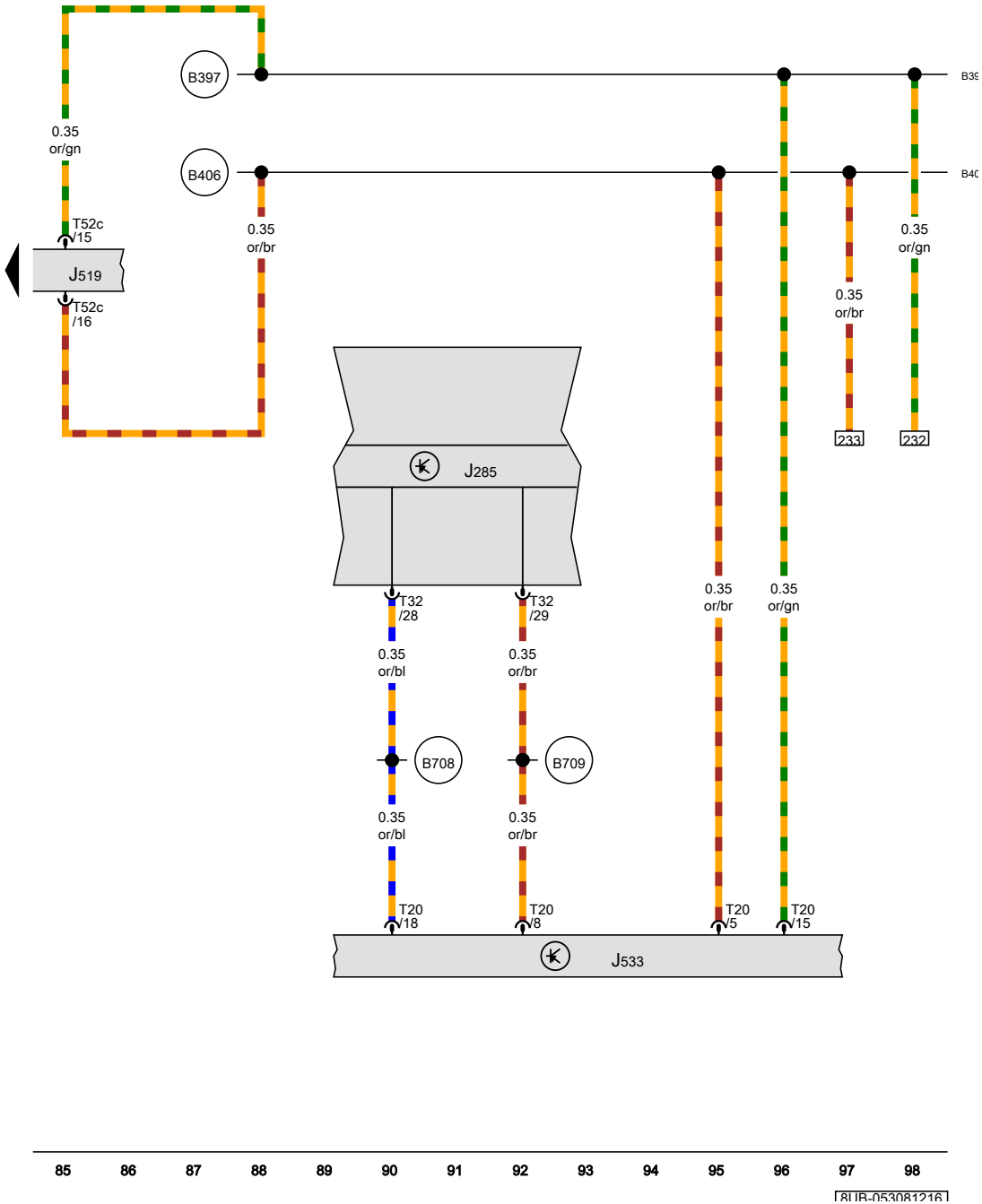
Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light

G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector
T52b	52-pin connector
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system



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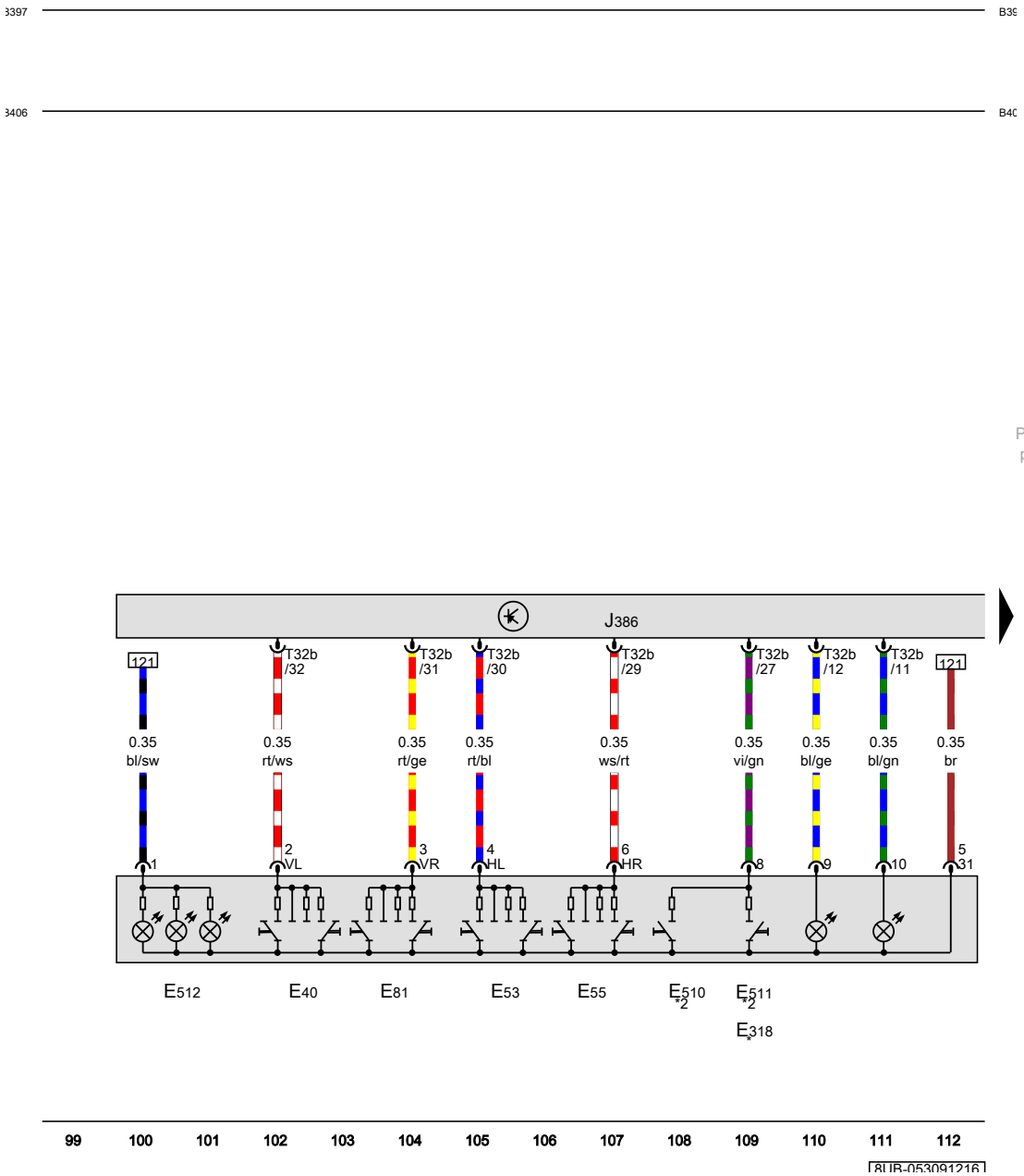


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector
T32	32-pin connector
T52c	52-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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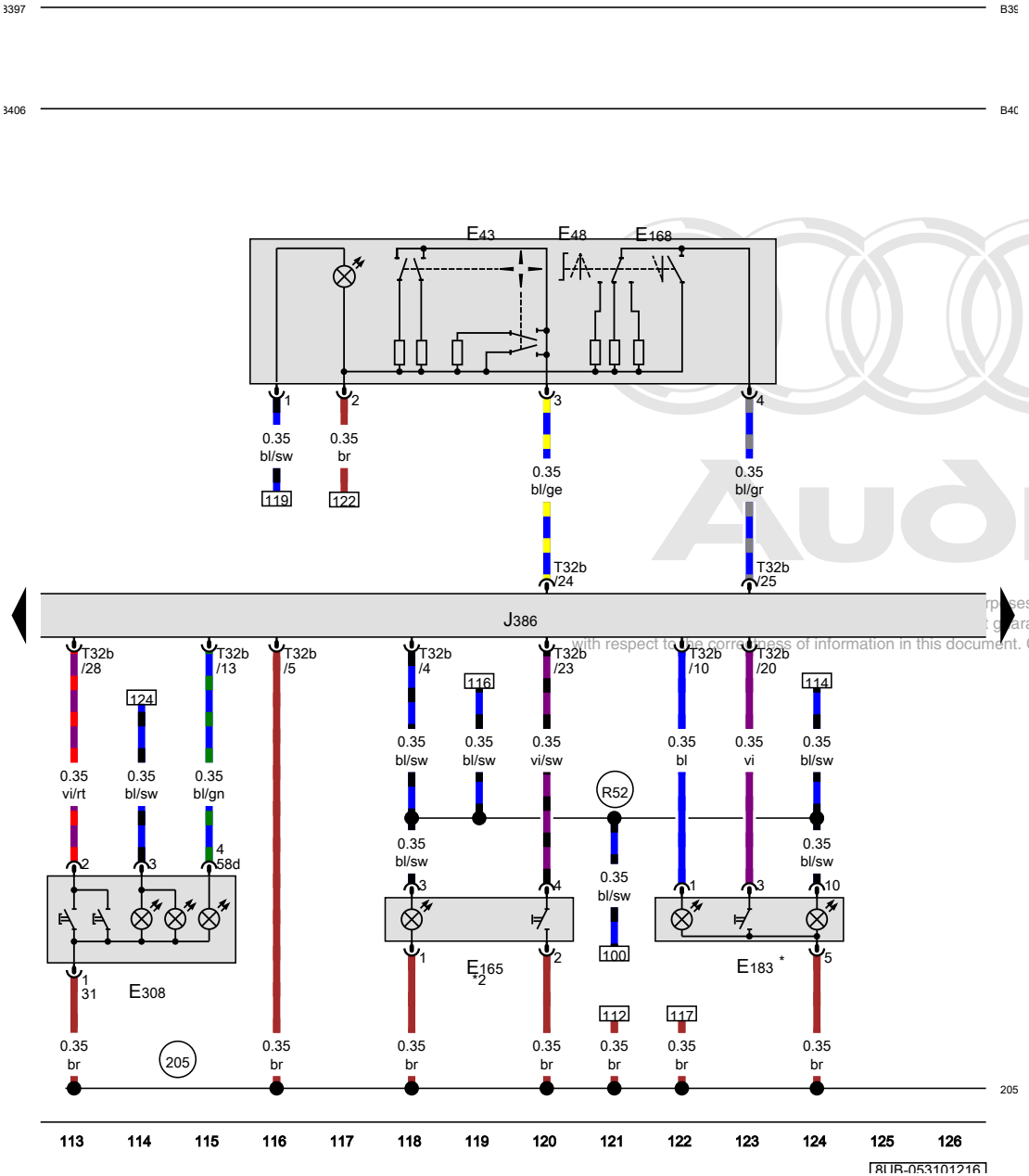


Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Button for left childproof lock, Button for right childproof lock, Driver door control unit

E40	Front left window regulator switch
E53	Rear left window regulator switch, in driver door
E55	Rear right window regulator switch, in driver door
E81	Front right window regulator switch in driver door
E318	Childproof lock button
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T32b	32-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks

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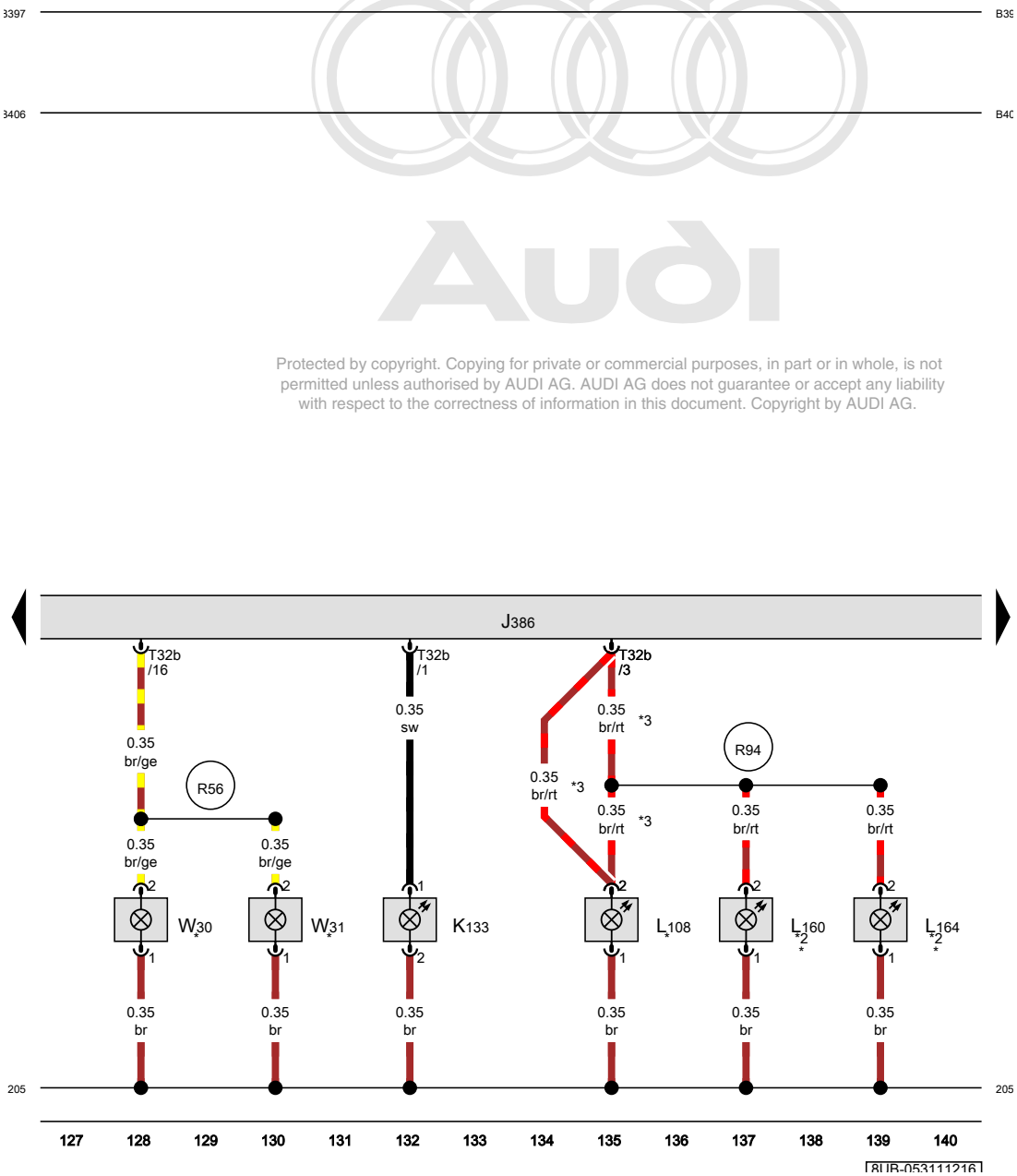


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Mirror adjustment switch, Mirror adjustment changeover switch, Rear lid release switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E165	Rear lid release switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T32b	32-pin connector
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor
*2	If fitted

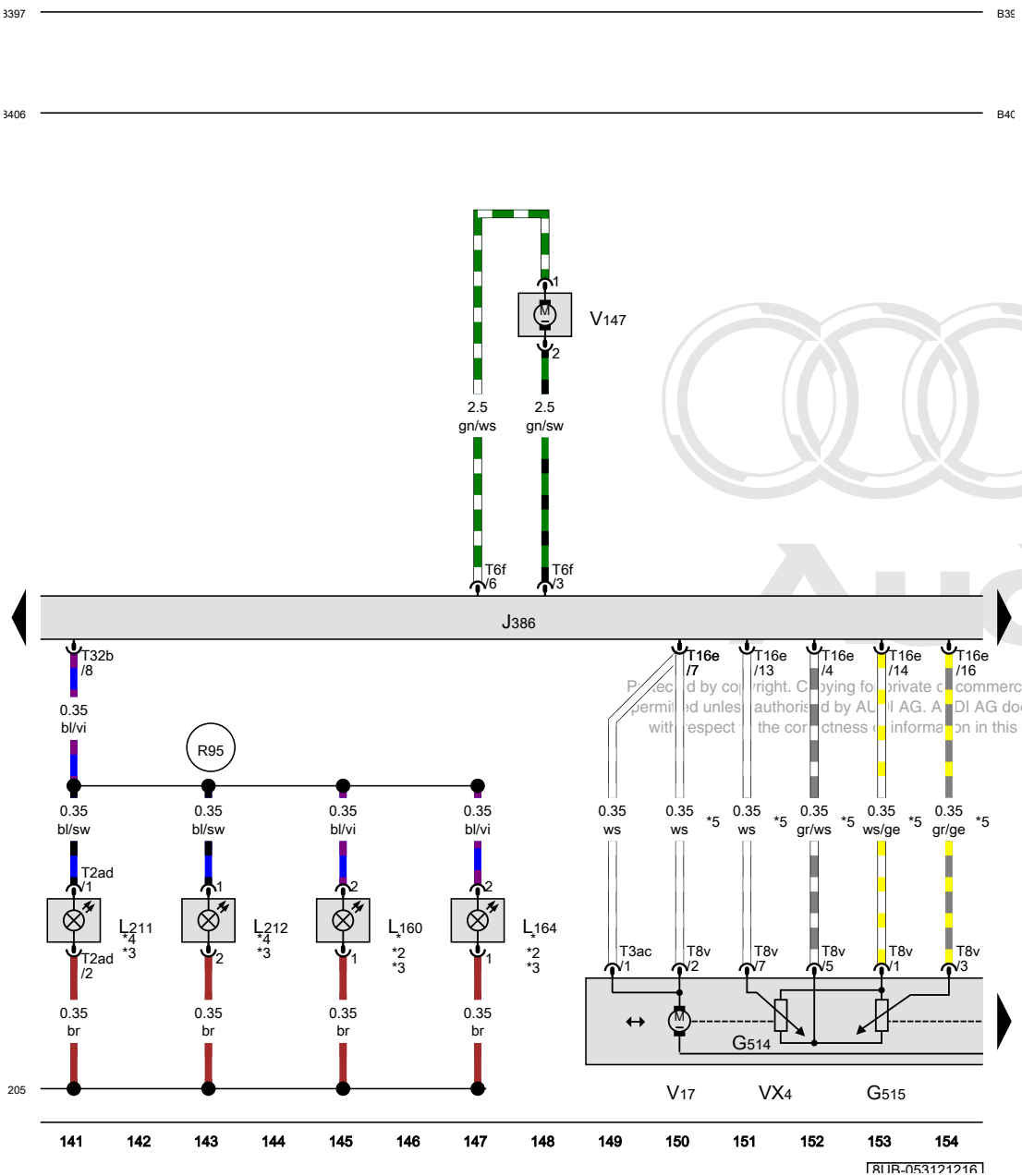


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Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T32b	32-pin connector
W30	Driver side door warning lamp
W31	Front left entry light
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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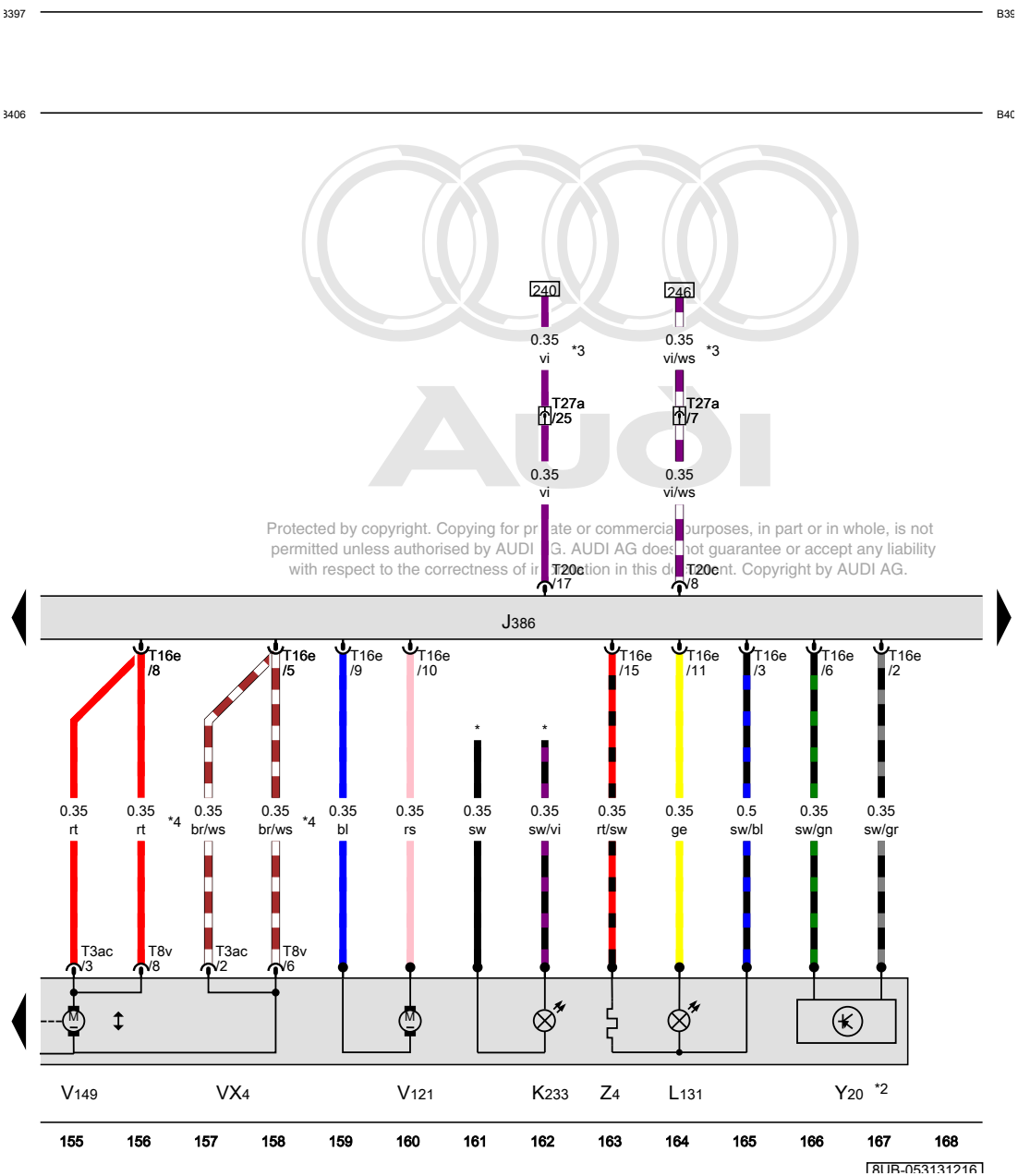


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Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T2ad	2-pin connector
T3ac	3-pin connector
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector
T32b	32-pin connector
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with BOSE sound system
*5	Only models with electric seat adjustment and memory function

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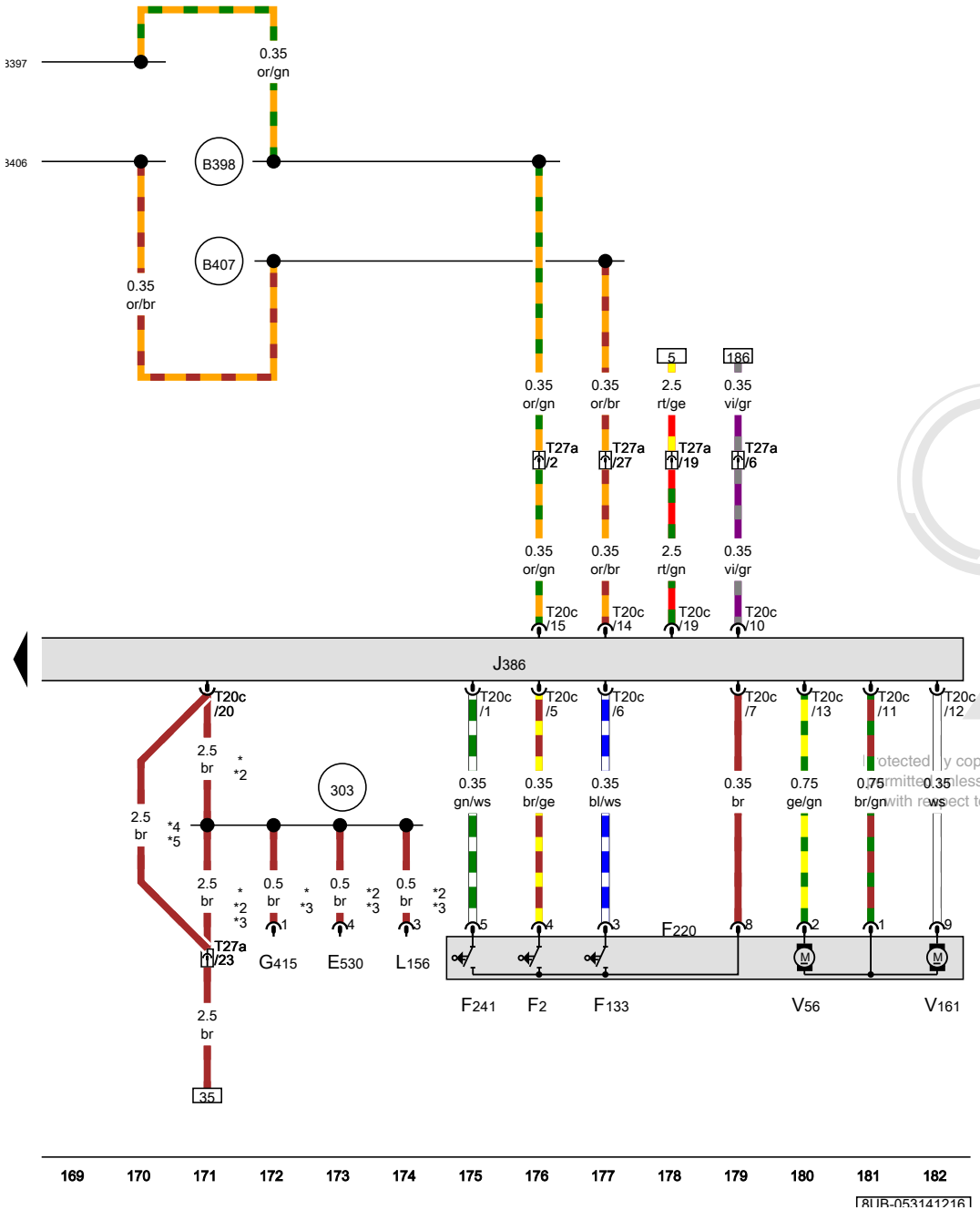


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Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector
T8v	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function



Driver side central locking lock unit, Driver door control unit

E530	Button for lane change assist
F2	Driver door contact switch
F133	Front right central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with lane change assist
*3	see applicable current flow diagram
*4	Only models with no entry and start authorisation
*5	According to equipment

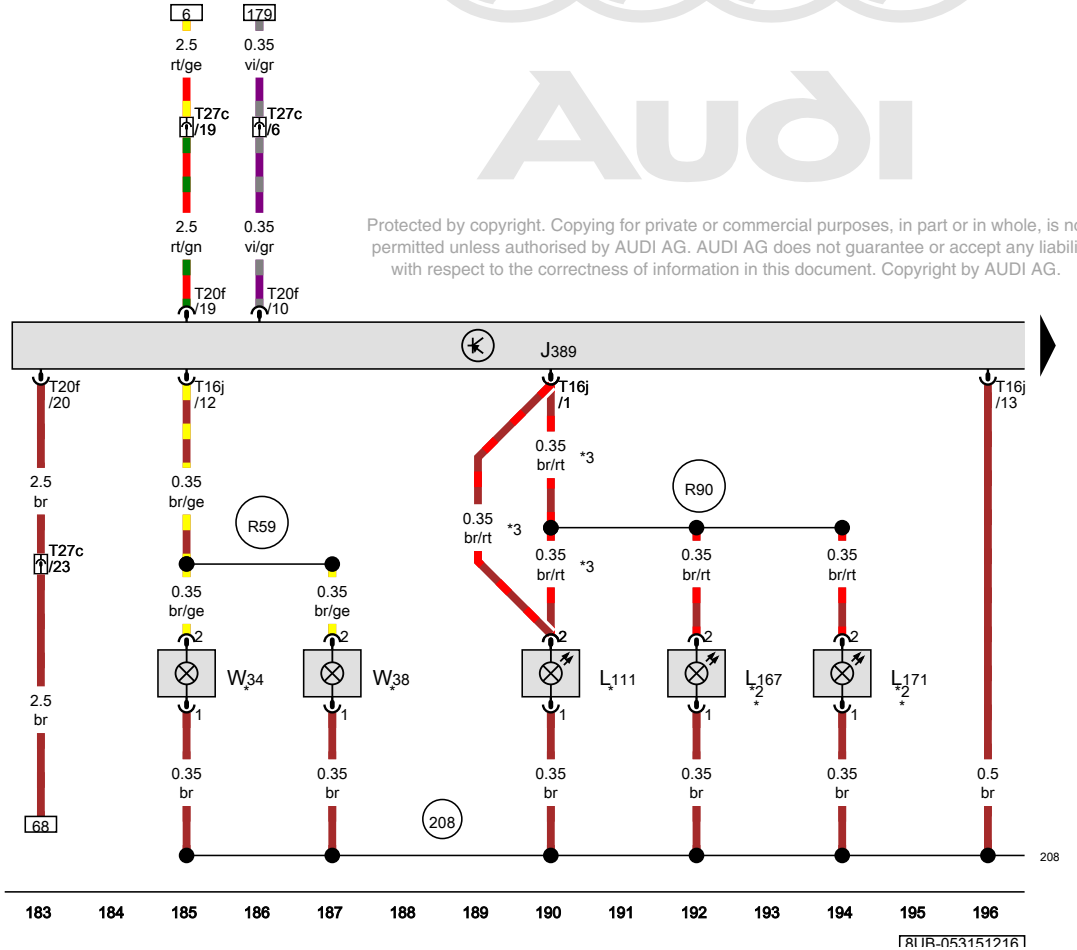
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Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T16j	16-pin connector
T20f	20-pin connector
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

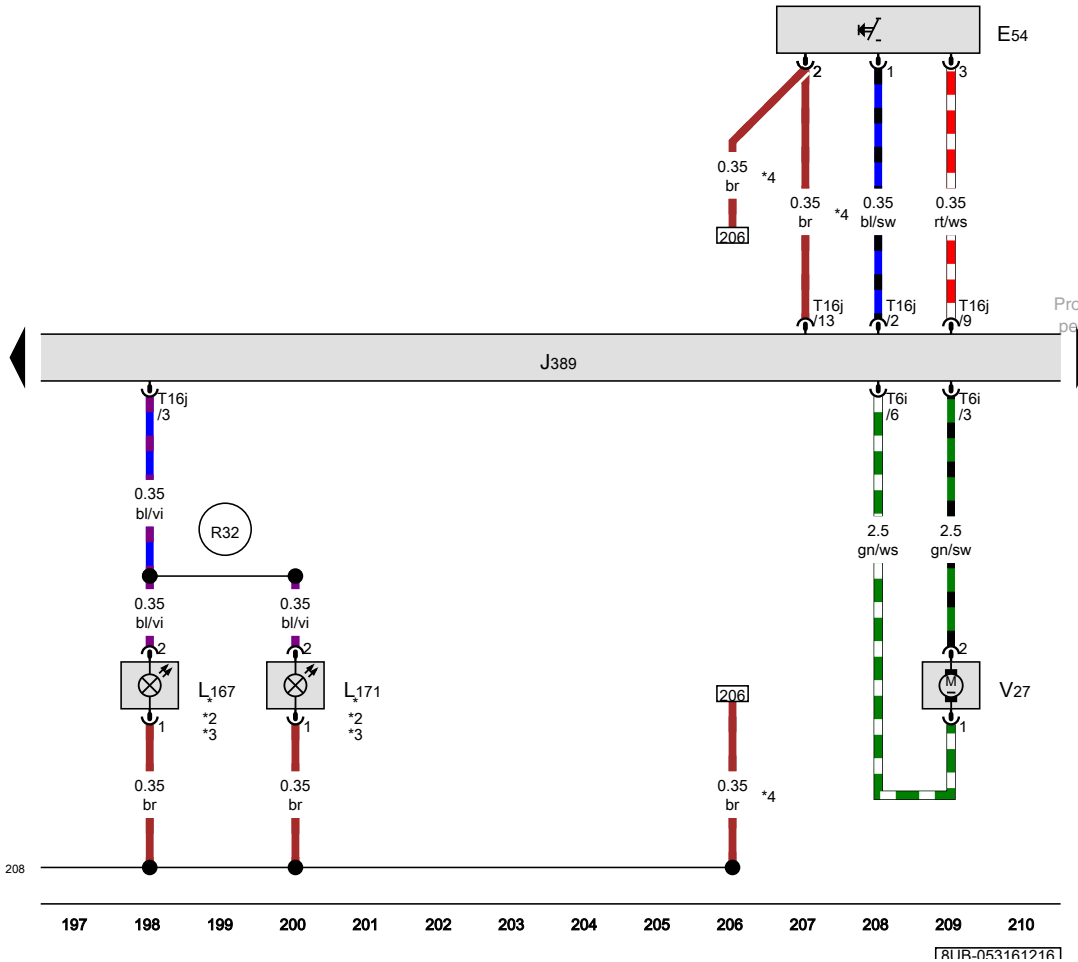
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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T6i	6-pin connector
T16j	16-pin connector
V27	Rear right window regulator motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

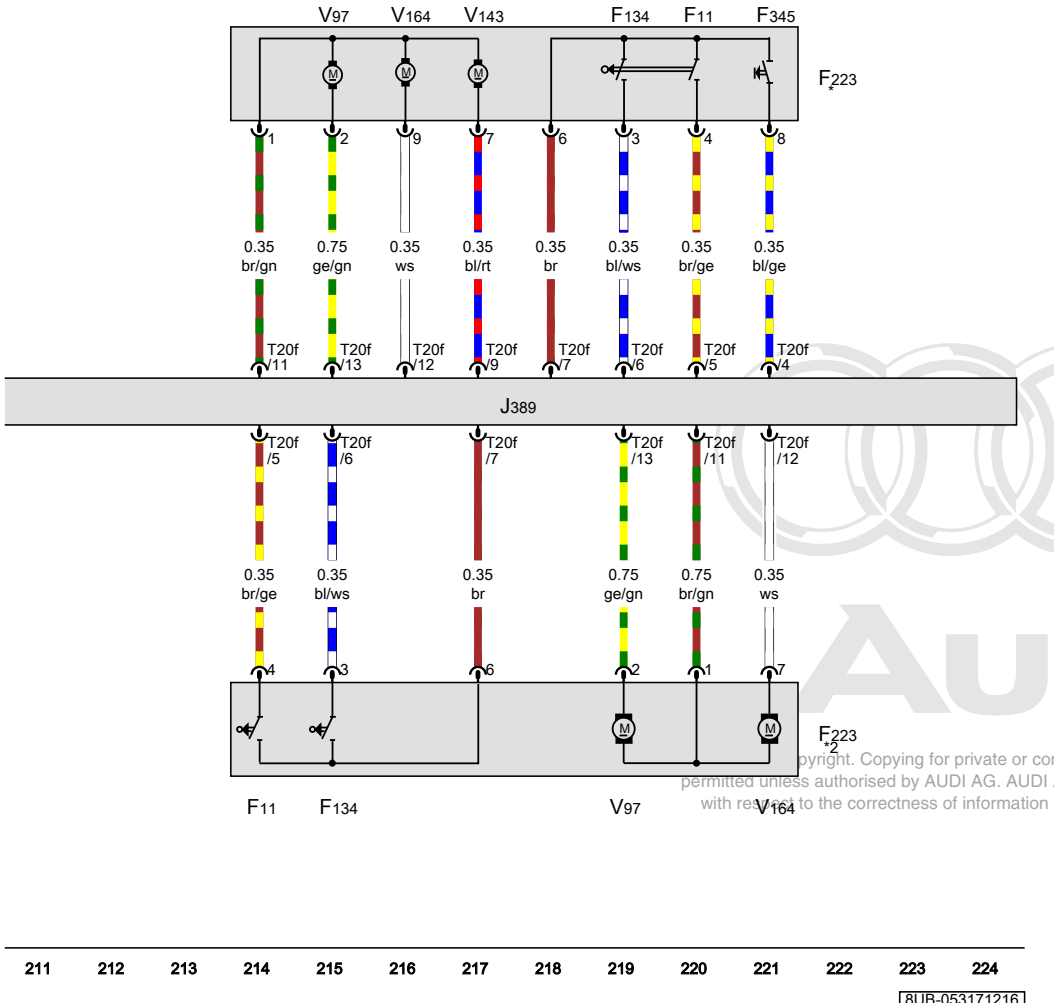


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Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T20f	20-pin connector
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Only models with no childproof locks

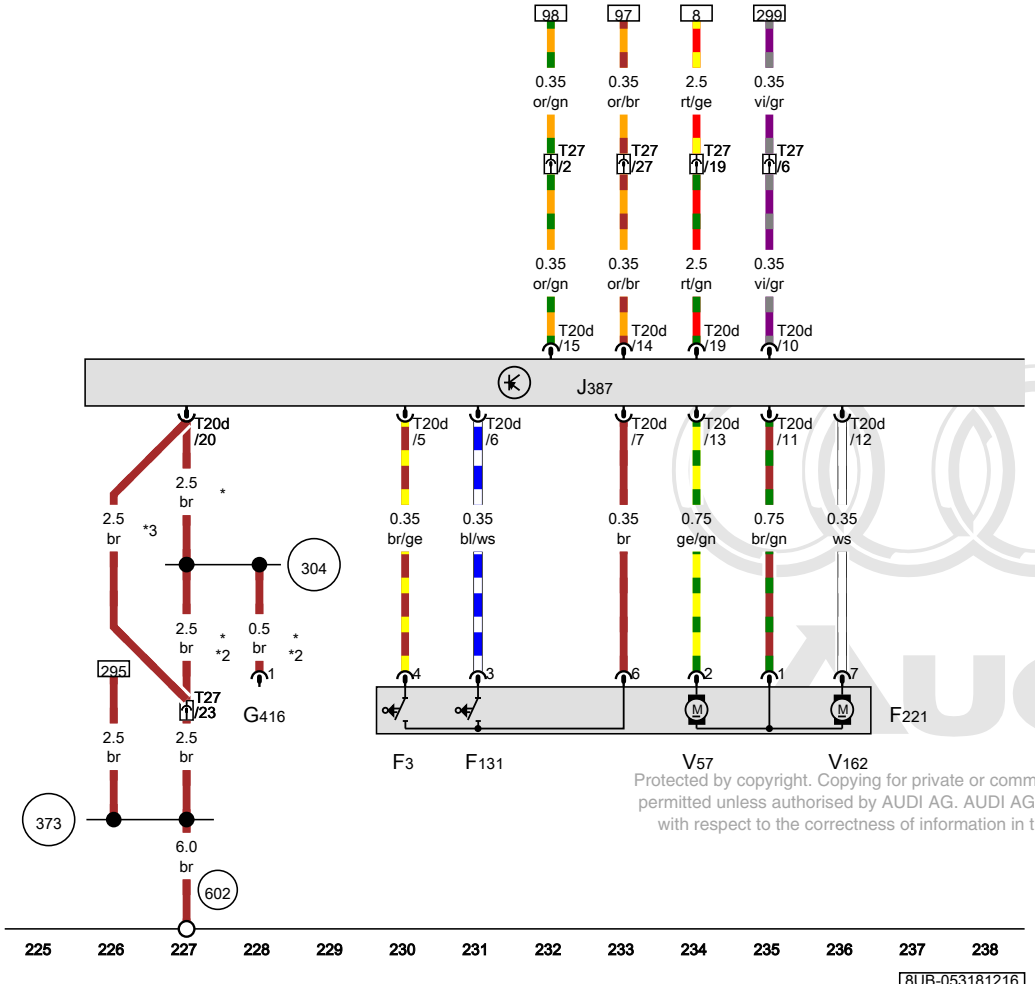


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ge	=	yellow
or	=	orange
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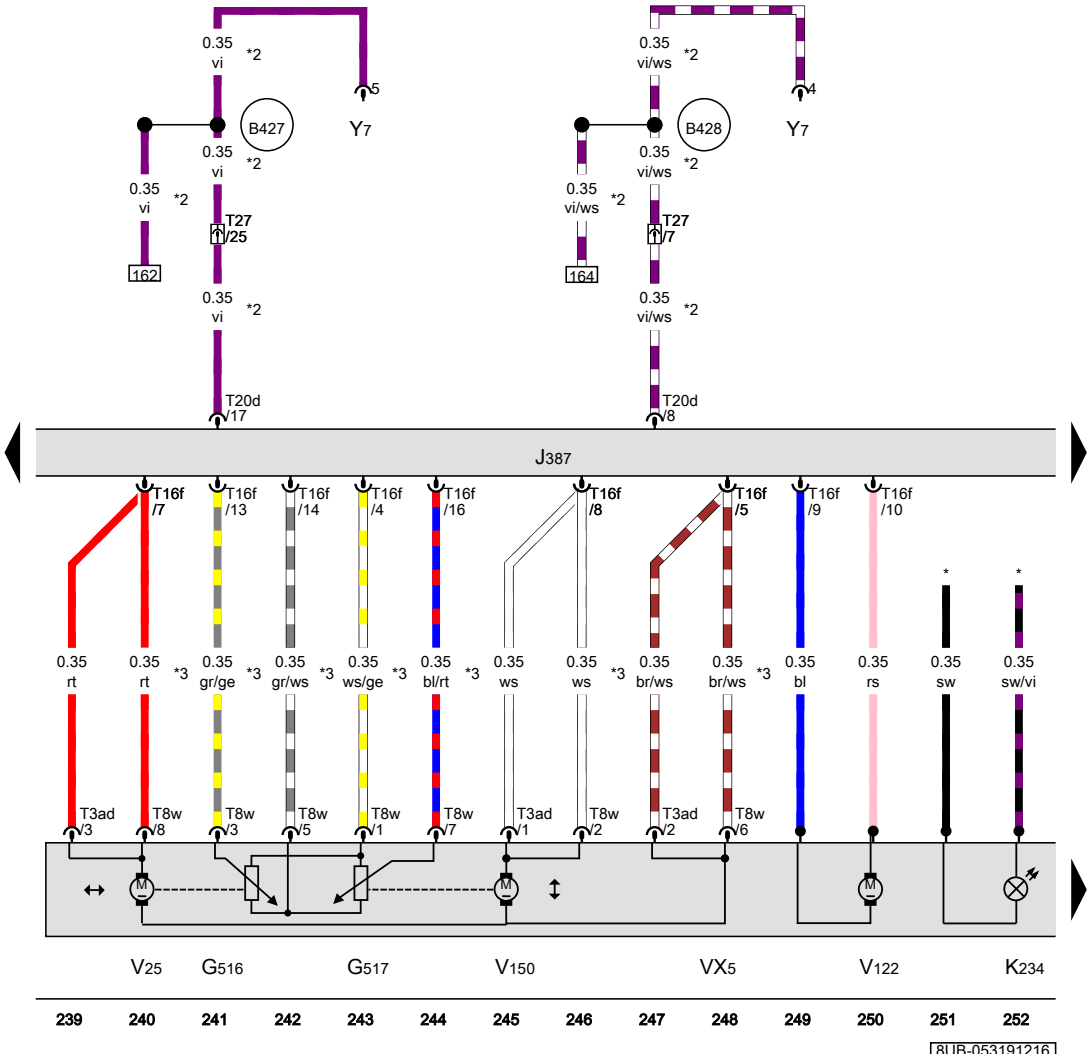
Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F131	Front left central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
*	Only models with entry and start authorisation
*2	see applicable current flow diagram
*3	Only models with no entry and start authorisation



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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor

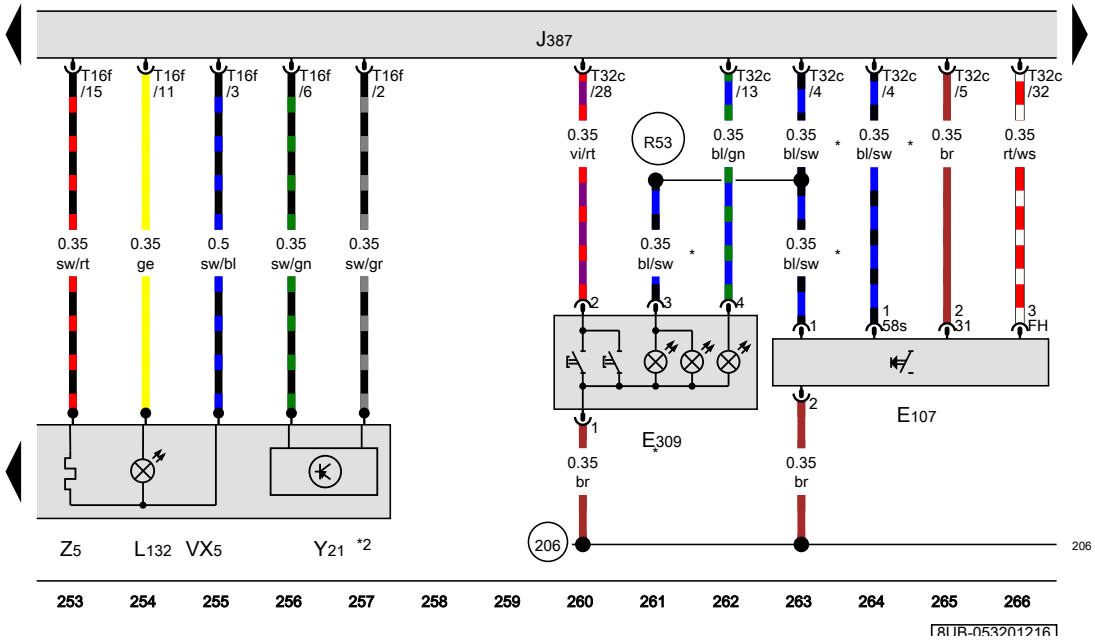
G516	Potentiometer for horizontal adjustment of front passenger side mirror
G517	Potentiometer for vertical adjustment of front passenger side mirror
J387	Front passenger door control unit
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector
T8w	8-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T16f	16-pin connector
T32c	32-pin connector
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror

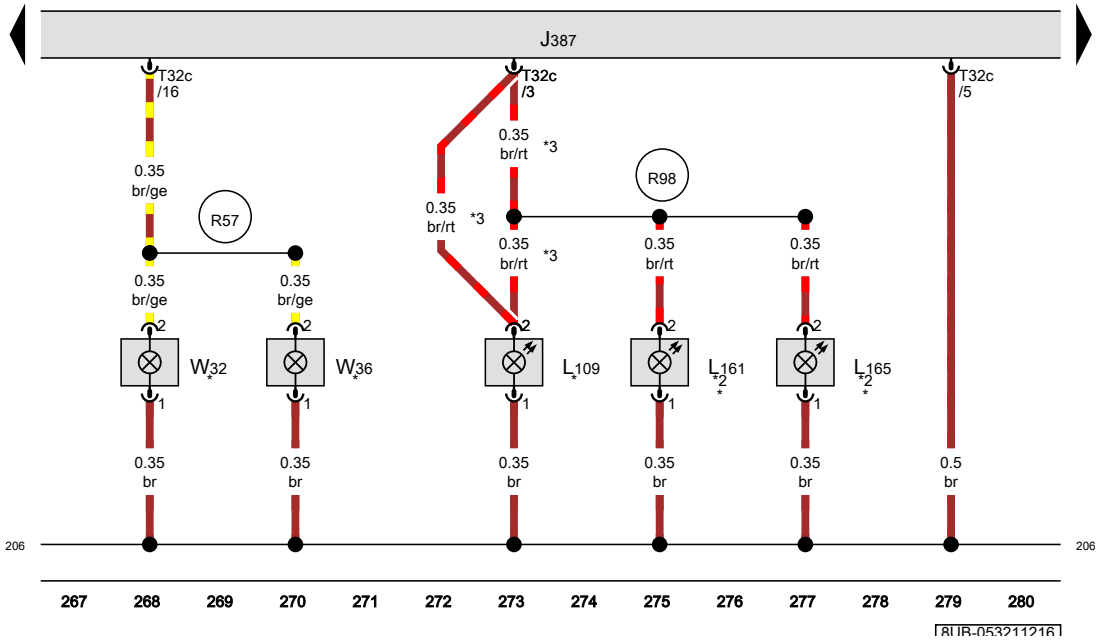


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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T32c	32-pin connector
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

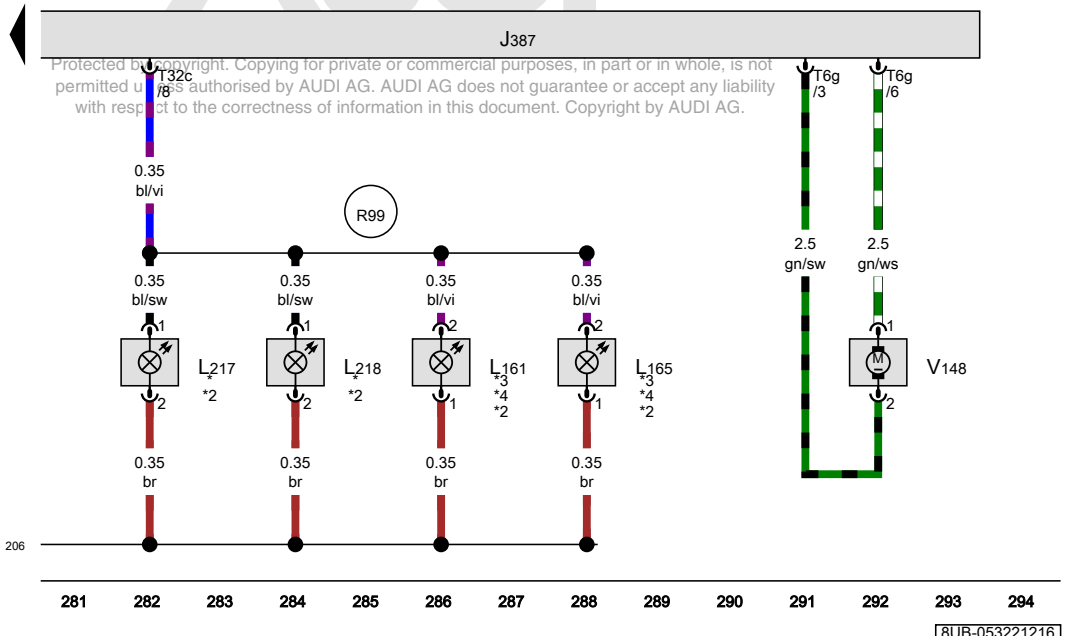


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Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T6g	6-pin connector
T32c	32-pin connector
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI

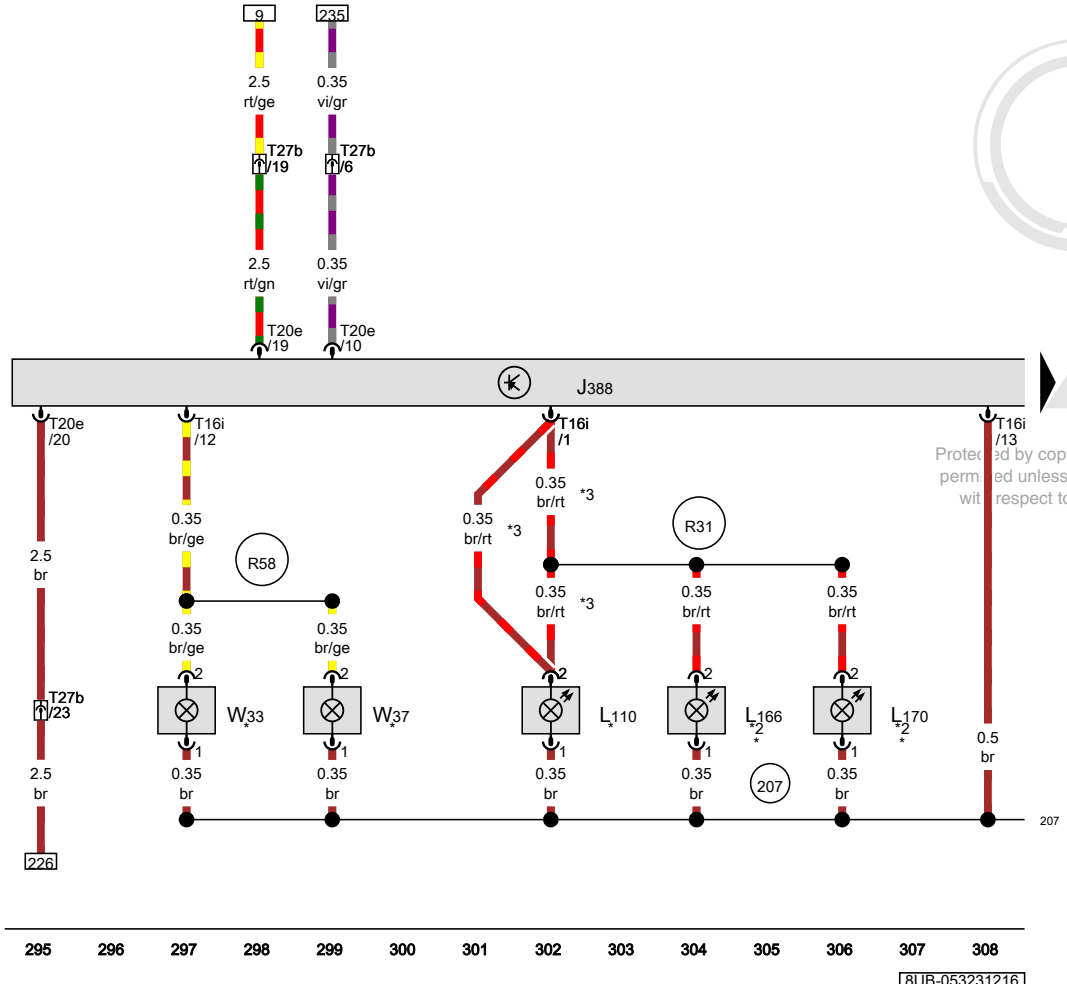


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Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T16i	16-pin connector
T20e	20-pin connector
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

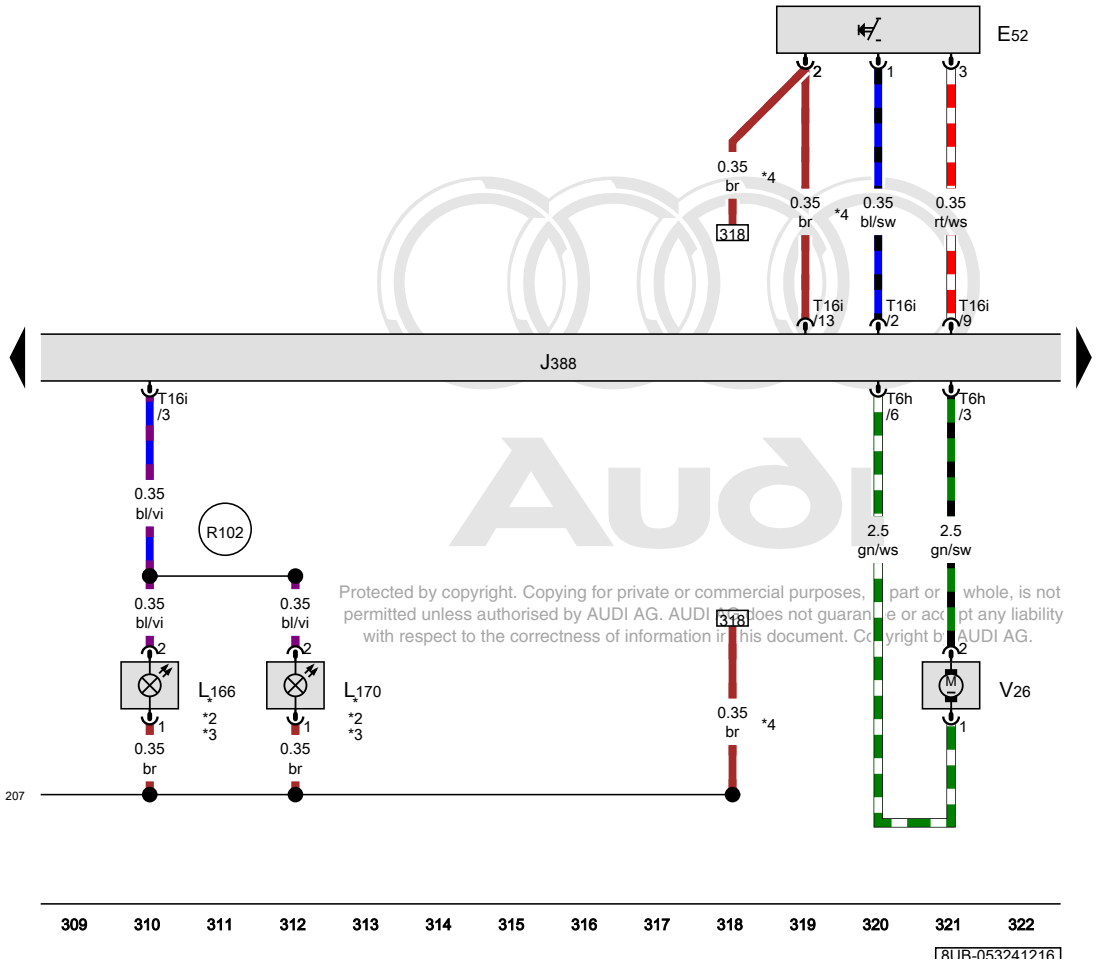


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Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T6h	6-pin connector
T16i	16-pin connector
V26	Rear left window regulator motor
207	Earth connection, in rear left door wiring harness
R102	Connection 2, in rear left door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	According to equipment

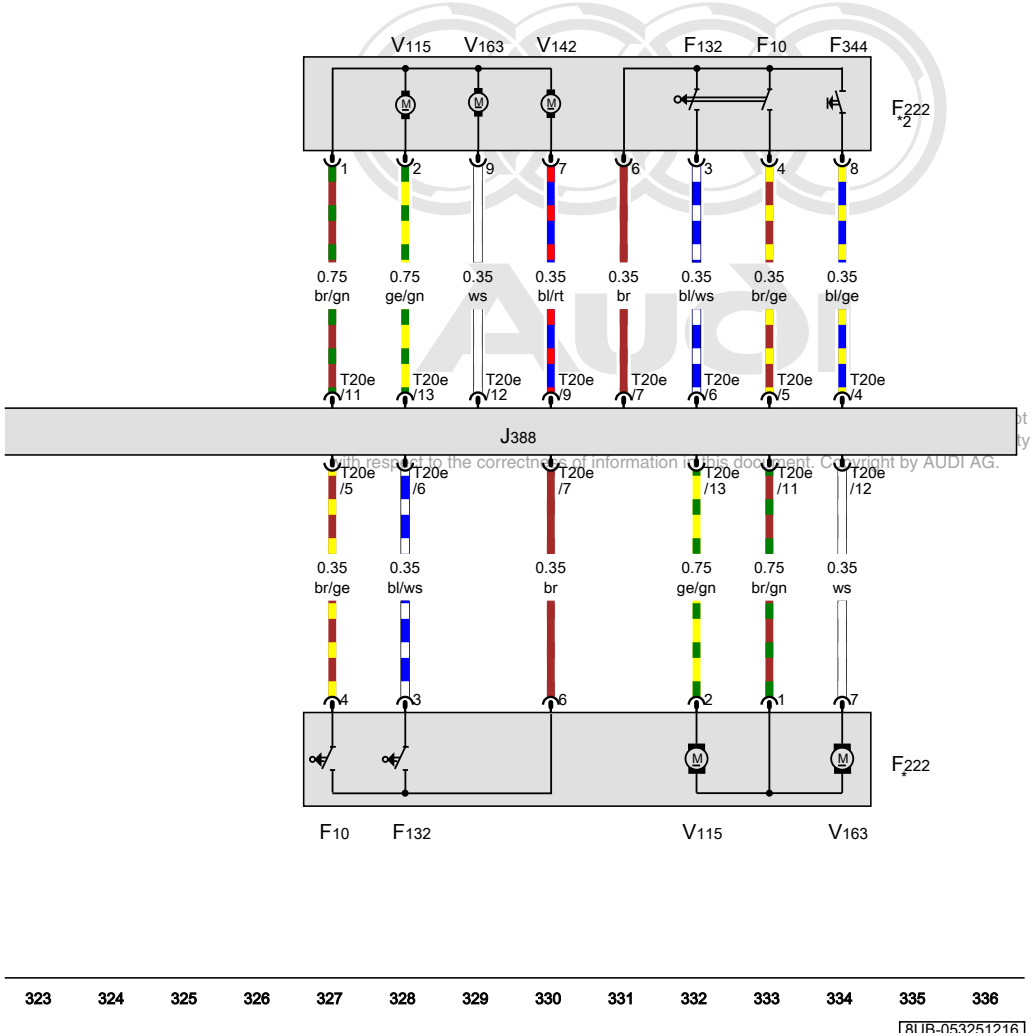


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Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T20e	20-pin connector
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
*	Only models with no childproof locks
*2	Only models with childproof locks



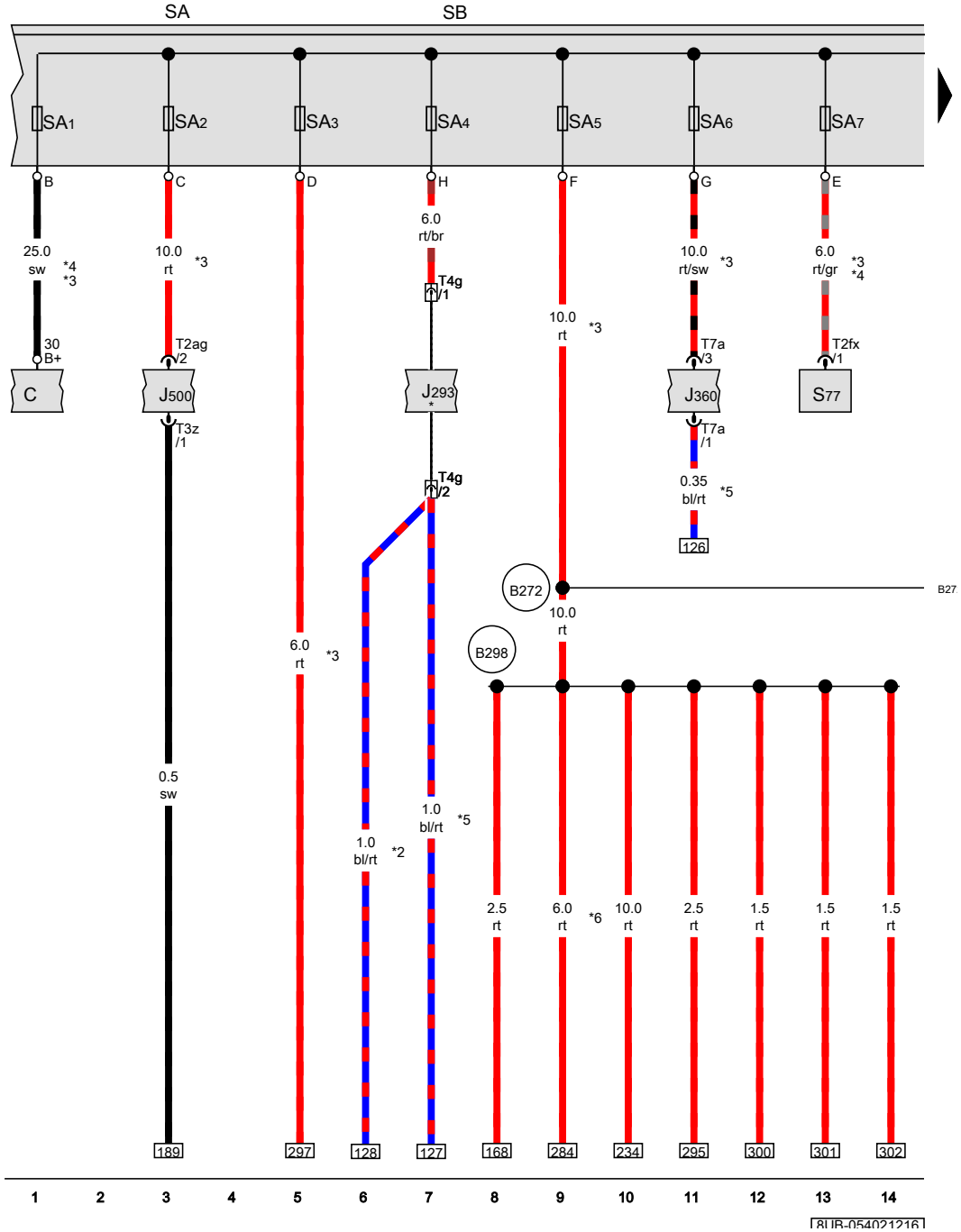
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Fuse assignment

From November 2012

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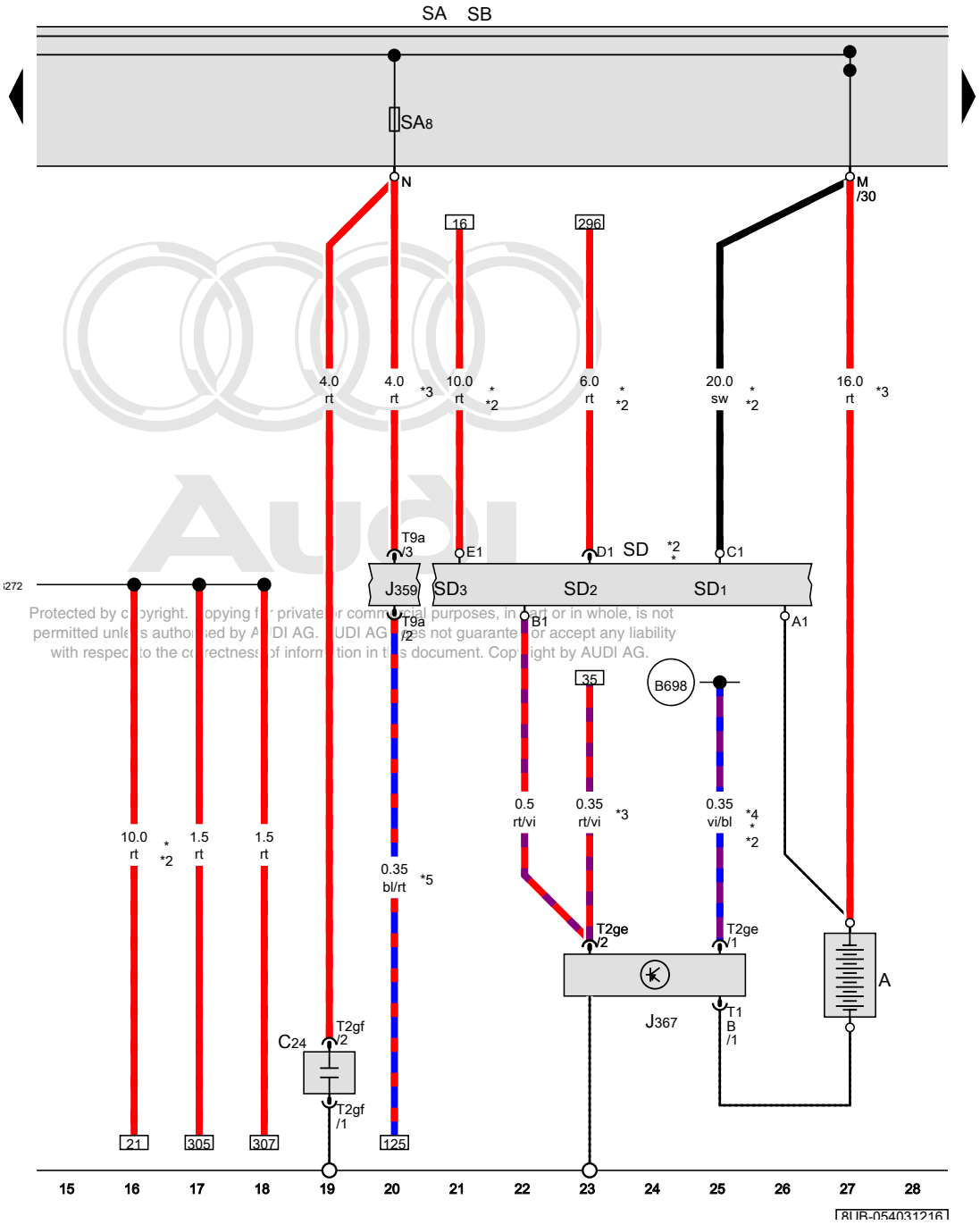


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Fuse holder A, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A

C	Alternator
J293	Radiator fan control unit
J360	High heat output relay
J500	Power steering control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
SB	Fuse holder B
T2ag	2-pin connector, black
T2fx	2-pin connector
T3z	3-pin connector
T4g	4-pin connector, black
T7a	7-pin connector, black
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for radiator fan
*2	Only models with petrol engine
*3	see applicable current flow diagram for battery in engine compartment
*4	Cross section depends on equipment
*5	Only models with diesel engine
*6	Only models with no start/stop system

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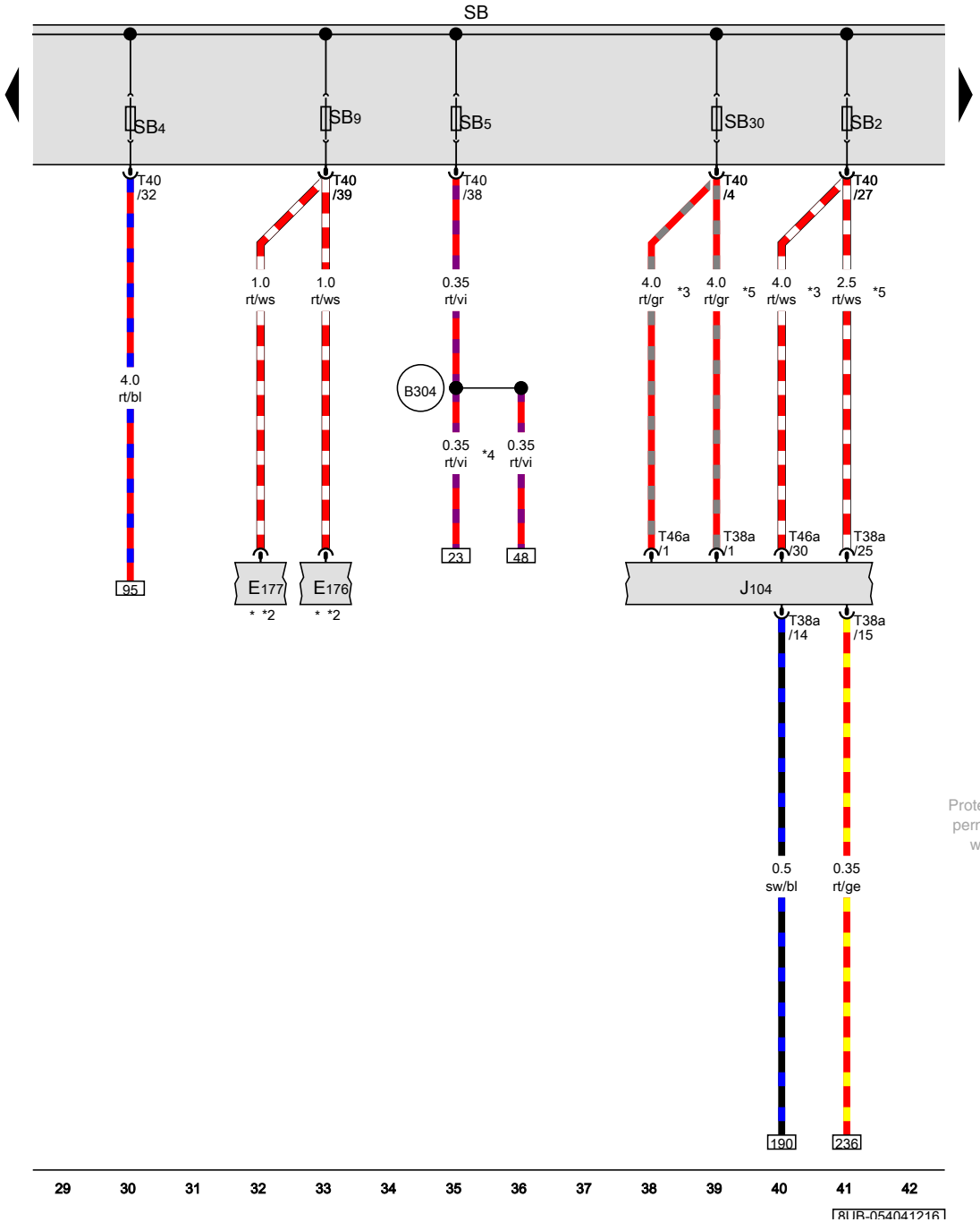


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Battery, Battery monitor control unit, Fuse holder A, Fuse 8 on fuse holder A

A	Battery
C24	Suppression filter
J359	Low heat output relay
J367	Battery monitor control unit
SA	Fuse holder A
SA8	Fuse 8 on fuse holder A
SB	Fuse holder B
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
T1	1-pin connector
T2ge	2-pin connector, black
T2gf	2-pin connector
T9a	9-pin connector
B272	Positive connection (30), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with battery in luggage compartment
*2	see applicable current flow diagram
*3	see applicable current flow diagram for battery in engine compartment
*4	Only models with battery in engine compartment
*5	Only models with diesel engine

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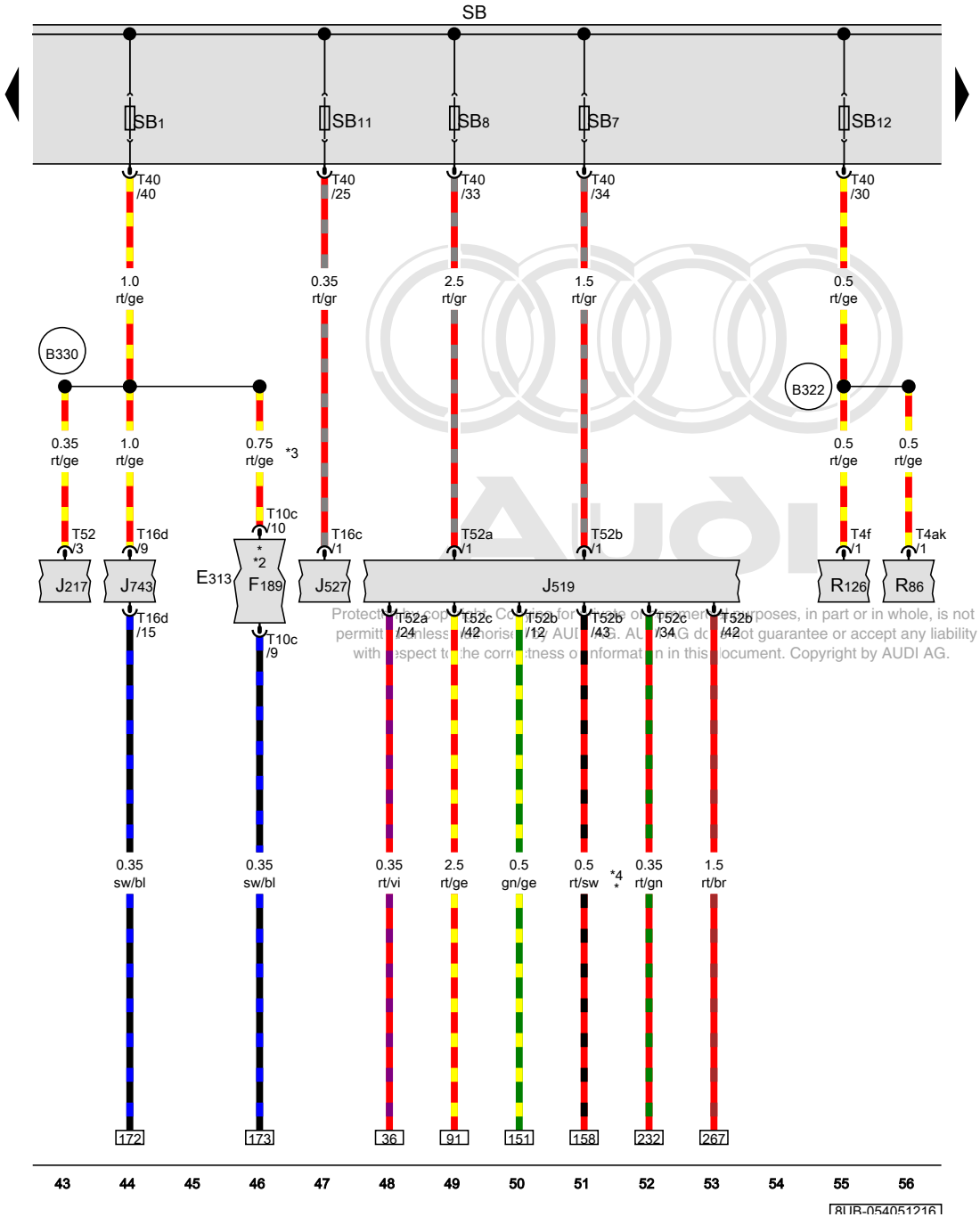


Fuse 2 on fuse holder B, Fuse 4 on fuse holder B, Fuse 5 on fuse holder B, Fuse 9 on fuse holder B, Fuse 30 on fuse holder B

E176	Driver seat lumbar support adjustment switch
E177	Front passenger seat lumbar support adjustment switch
J104	ABS control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB30	Fuse 30 on fuse holder B
T38a	38-pin connector
T40	40-pin connector, black
T46a	46-pin connector
B304	Positive connection 8 (30), in main wiring harness
*	Only models with adjustable lumbar support
*2	see applicable current flow diagram
*3	From November 2014
*4	see applicable current flow diagram for battery in engine compartment
*5	Up to October 2014

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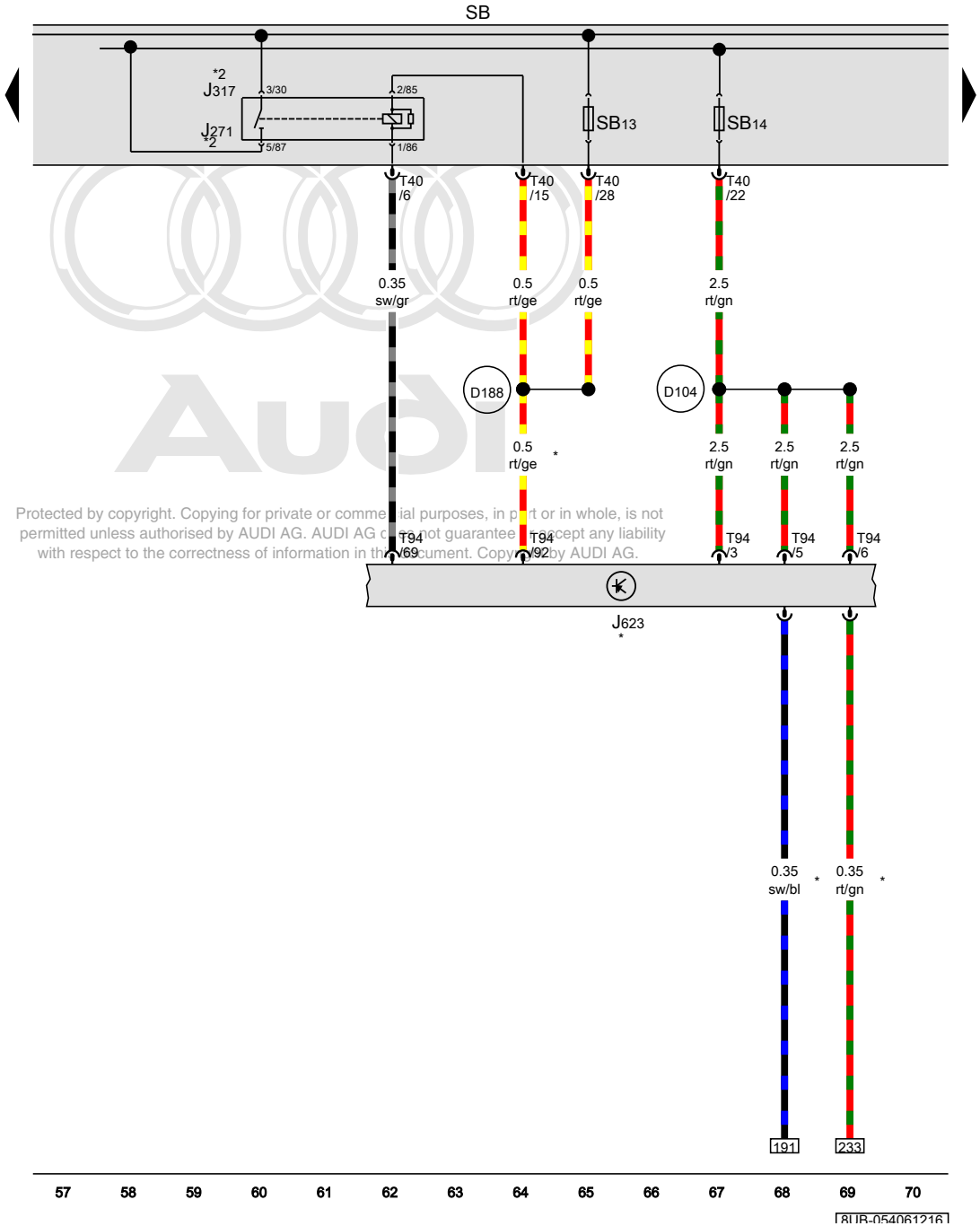


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Fuse 1 on fuse holder B, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B, Fuse 11 on fuse holder B, Fuse 12 on fuse holder B

E313	Selector lever
F189	Tiptronic switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
J743	Mechatronic unit for dual clutch gearbox
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB12	Fuse 12 on fuse holder B
T4ak	4-pin connector
T4f	4-pin connector
T10c	10-pin connector
T16c	16-pin connector
T16d	16-pin connector
T40	40-pin connector, black
T52	52-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
B322	Positive connection 8 (30a) in main wiring harness
B330	Positive connection 16 (30a) in main wiring harness
*	From November 2014
*2	Only models with 6-speed automatic gearbox and Tiptronic
*3	Cross section depends on equipment
*4	Gradually discontinued

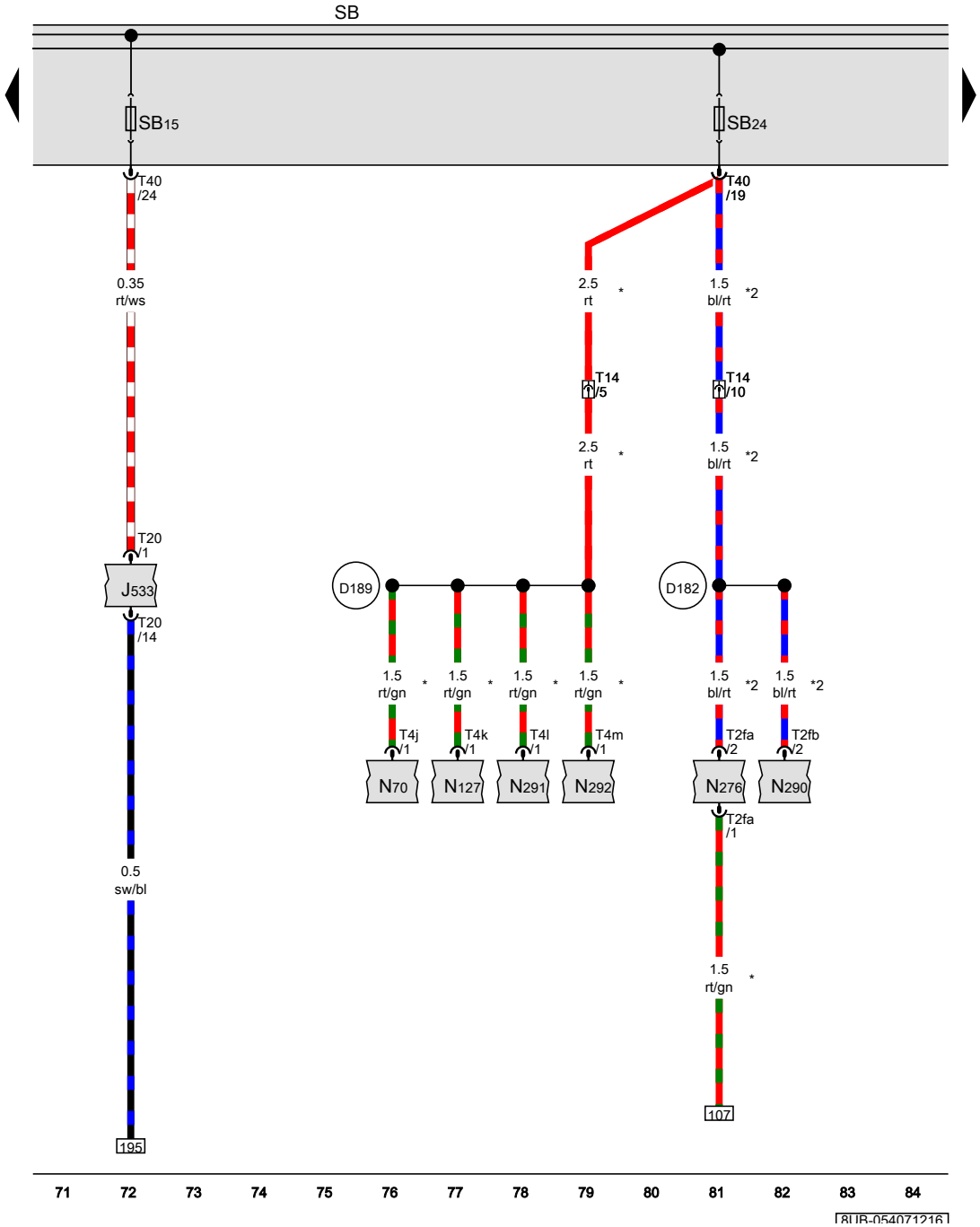


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Main relay, Terminal 30 voltage supply relay, Fuse 13 on fuse holder B, Fuse 14 on fuse holder B

J271	Main relay
J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB	Fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T40	40-pin connector, black
T94	94-pin connector, black
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment

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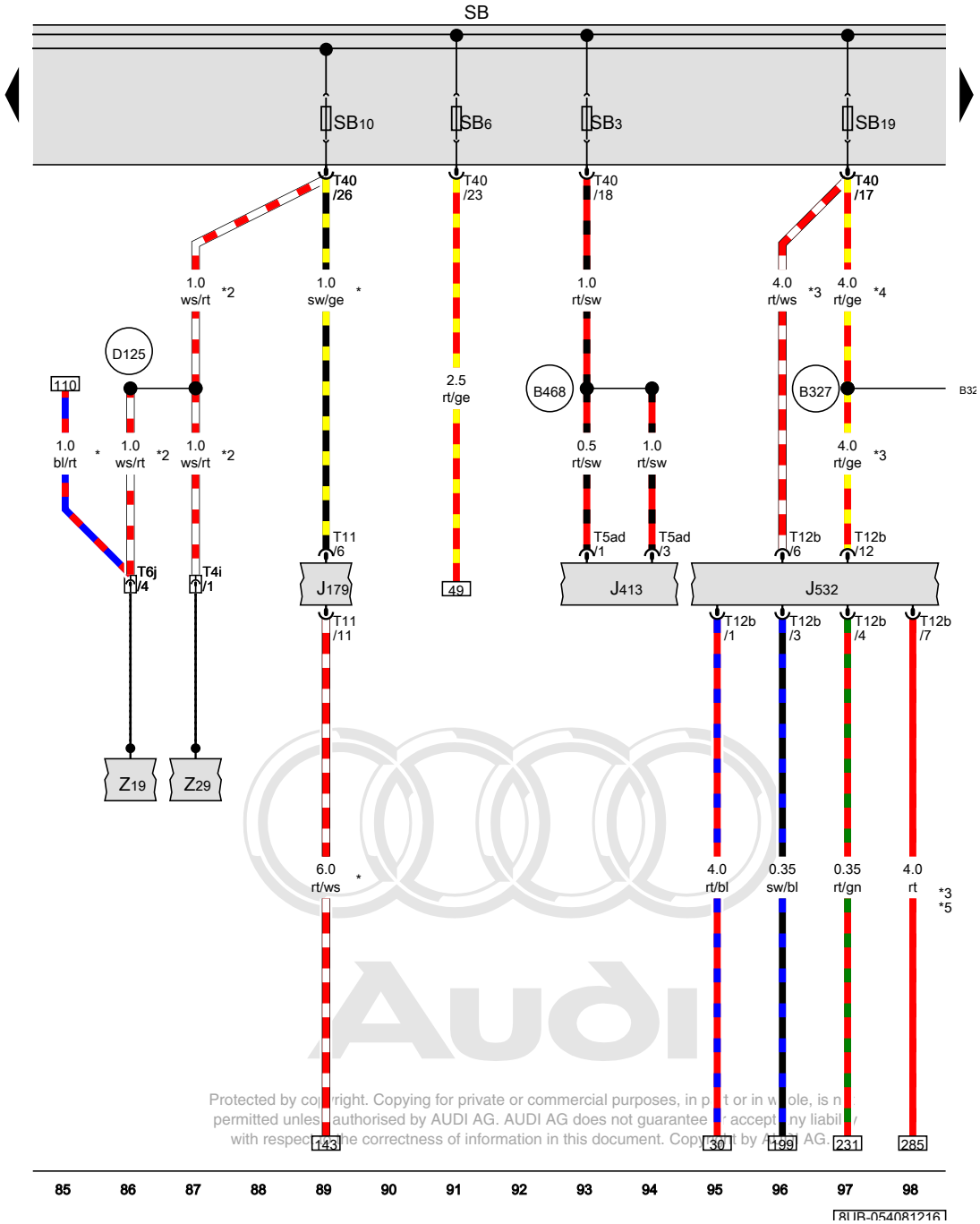


Fuel metering valve, Fuse 15 on fuse holder B, Fuse 24 on fuse holder B

J533	Data bus diagnostic interface
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
SB24	Fuse 24 on fuse holder B
T2fa	2-pin connector
T2fb	2-pin connector
T4j	4-pin connector
T4k	4-pin connector
T4l	4-pin connector
T4m	4-pin connector
T14	14-pin connector, black
T20	20-pin connector
T40	40-pin connector, black
D182	Connection 3 (87a), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	Only models with petrol engine
*2	Only models with diesel engine

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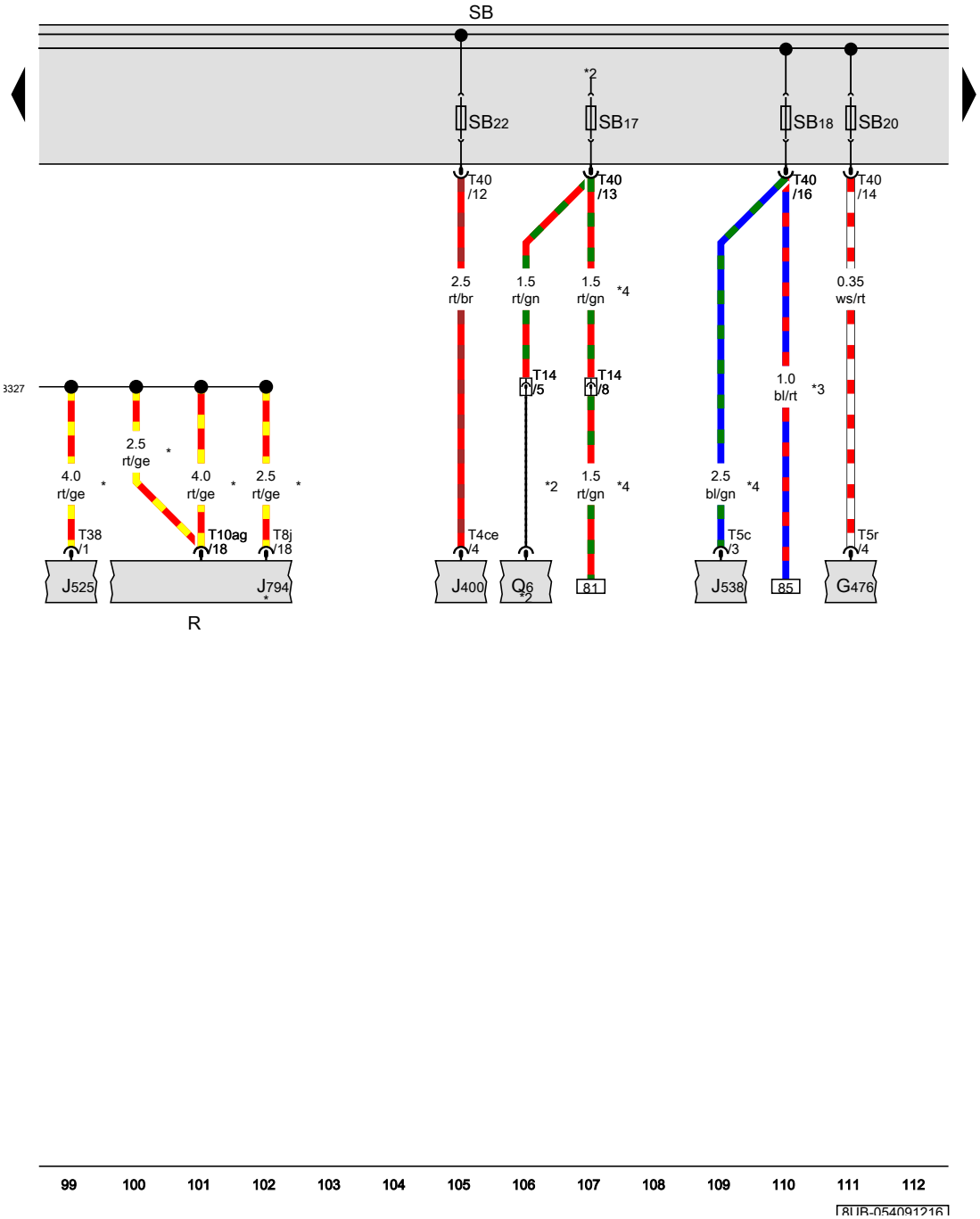


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Fuse 3 on fuse holder B, Fuse 6 on fuse holder B, Fuse 10 on fuse holder B, Fuse 19 on fuse holder B

J179	Automatic glow period control unit
J413	Horn relay
J532	Voltage stabiliser
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB19	Fuse 19 on fuse holder B
T4i	4-pin connector
T5ad	5-pin connector
T6j	6-pin connector
T11	11-pin connector
T12b	12-pin connector
T40	40-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
B327	Positive connection 13 (30a) in main wiring harness
B468	Connection 4, in main wiring harness
D125	Connection 23 in engine compartment wiring harness
*	Only models with diesel engine
*2	Only models with petrol engine
*3	Only models with start/stop system
*4	Only models with no start/stop system
*5	see applicable current flow diagram for battery

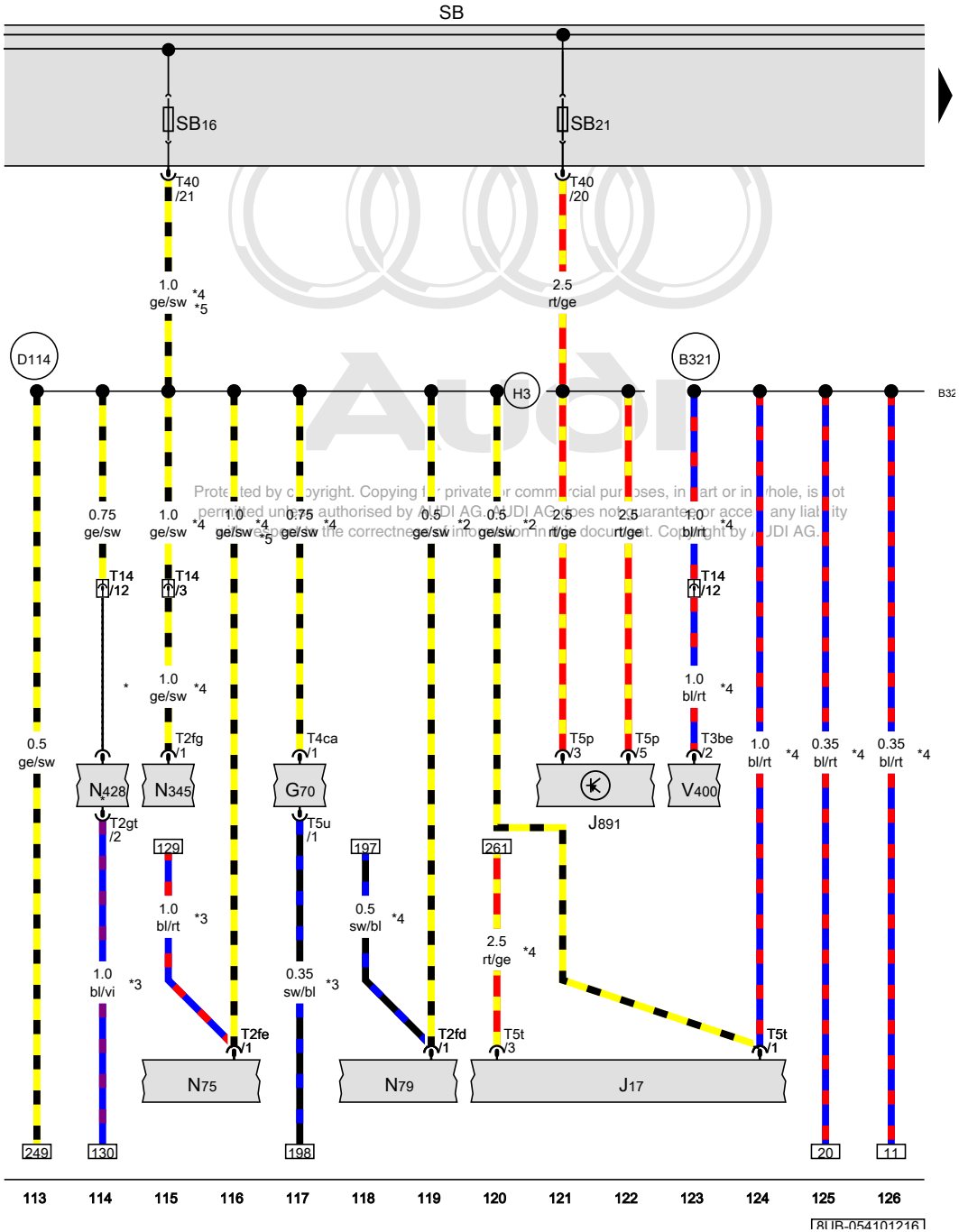


Fuse 17 on fuse holder B, Fuse 18 on fuse holder B, Fuse 20 on fuse holder B, Fuse 22 on fuse holder B

G476	Clutch position sender
J400	Wiper motor control unit
J525	Digital sound package control unit
J538	Fuel pump control unit
J794	Control unit 1 for information electronics
Q6	Engine glow plug
R	Radio
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB22	Fuse 22 on fuse holder B
T4ce	4-pin connector
T5c	5-pin connector
T5r	5-pin connector
T8j	8-pin connector
T10ag	10-pin connector
T14	14-pin connector, black
T38	38-pin connector
T40	40-pin connector, black
B327	Positive connection 13 (30a) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for engine
*3	Only models with diesel engine
*4	Only models with petrol engine

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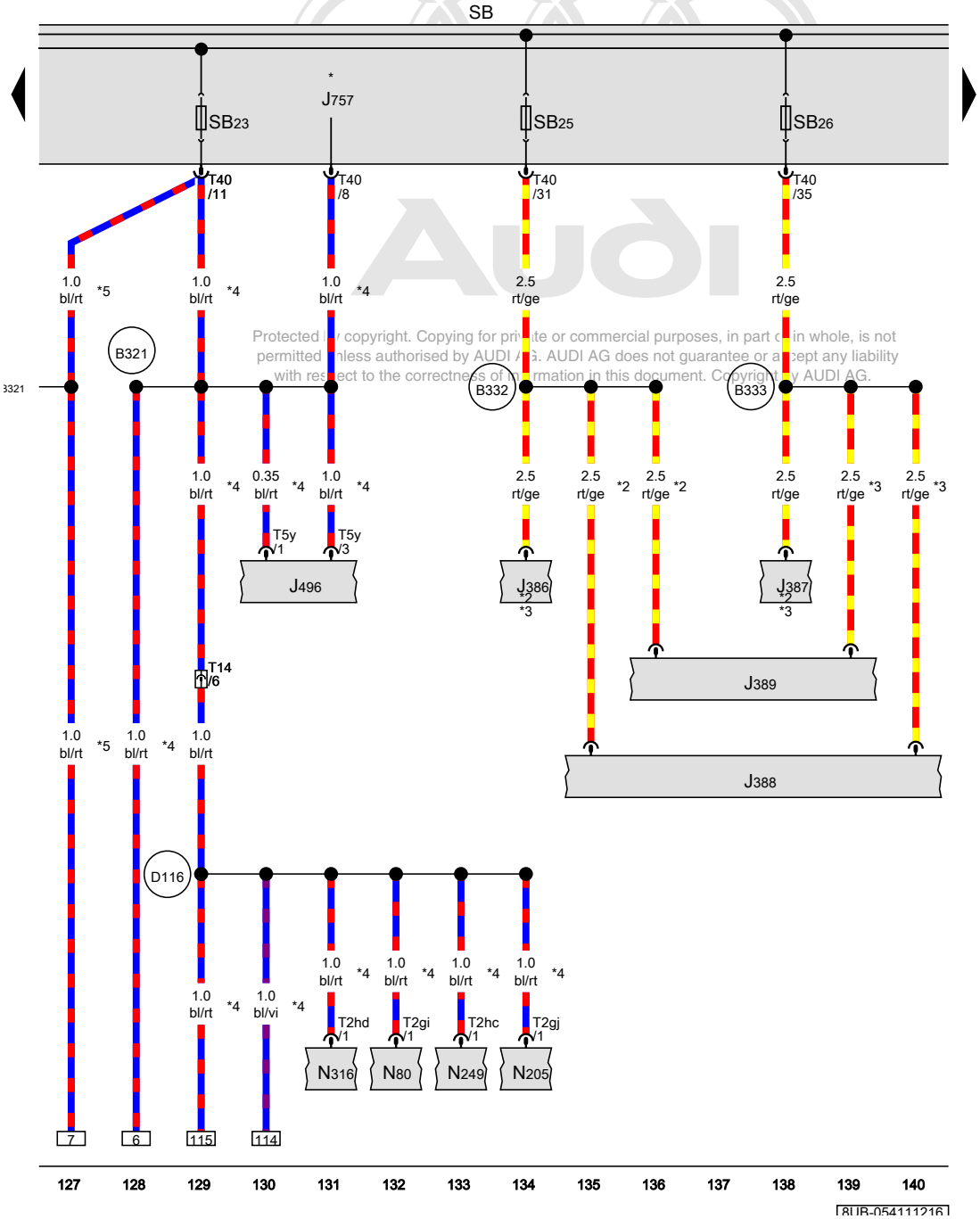


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Fuse 16 on fuse holder B, Fuse 21 on fuse holder B

G70	Air mass meter
J17	Fuel pump relay
J891	Control unit for reducing agent heater
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
N345	Exhaust gas recirculation cooler changeover valve
N428	Valve for oil pressure control
SB	Fuse holder B
SB16	Fuse 16 on fuse holder B
SB21	Fuse 21 on fuse holder B
T2fd	2-pin connector
T2fe	2-pin connector
T2fg	2-pin connector
T2gt	2-pin connector
T3be	3-pin connector
T4ca	4-pin connector
T5p	5-pin connector
T5t	5-pin connector
T5u	5-pin connector
T14	14-pin connector, black
T40	40-pin connector, black
V400	Pump for exhaust gas recirculation cooler
B321	Positive connection 7 (30a) in main wiring harness
D114	Connection 12 in engine compartment wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
*	see applicable current flow diagram for engine
*2	According to equipment
*3	Only models with petrol engine
*4	Only models with diesel engine
*5	Cross section depends on equipment

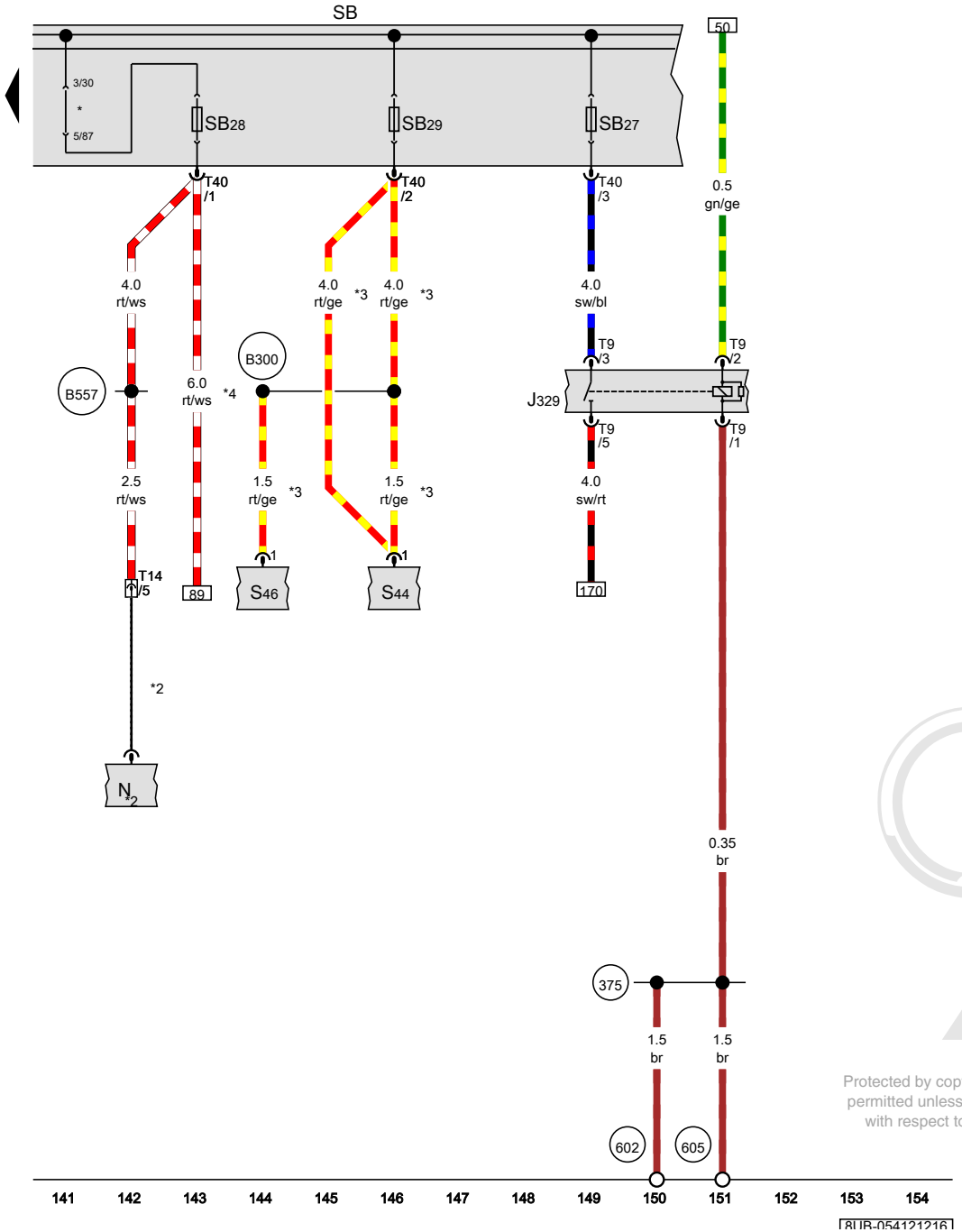


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Fuse 23 on fuse holder B, Fuse 25 on fuse holder B, Fuse 26 on fuse holder B

J386	Driver door control unit
J387	Front passenger door control unit
J388	Rear left door control unit
J389	Rear right door control unit
J496	Additional coolant pump relay
J757	Engine component current supply relay
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
SB	Fuse holder B
SB23	Fuse 23 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
T2gi	2-pin connector
T2gj	2-pin connector
T2hc	2-pin connector
T2hd	2-pin connector
T5y	5-pin connector
T14	14-pin connector, black
T40	40-pin connector, black
B321	Positive connection 7 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
D116	Connection 14 in engine compartment wiring harness
*	see applicable current flow diagram for engine
*2	Only left-hand drive models
*3	Only right-hand drive models
*4	Only models with petrol engine
*5	Only models with diesel engine

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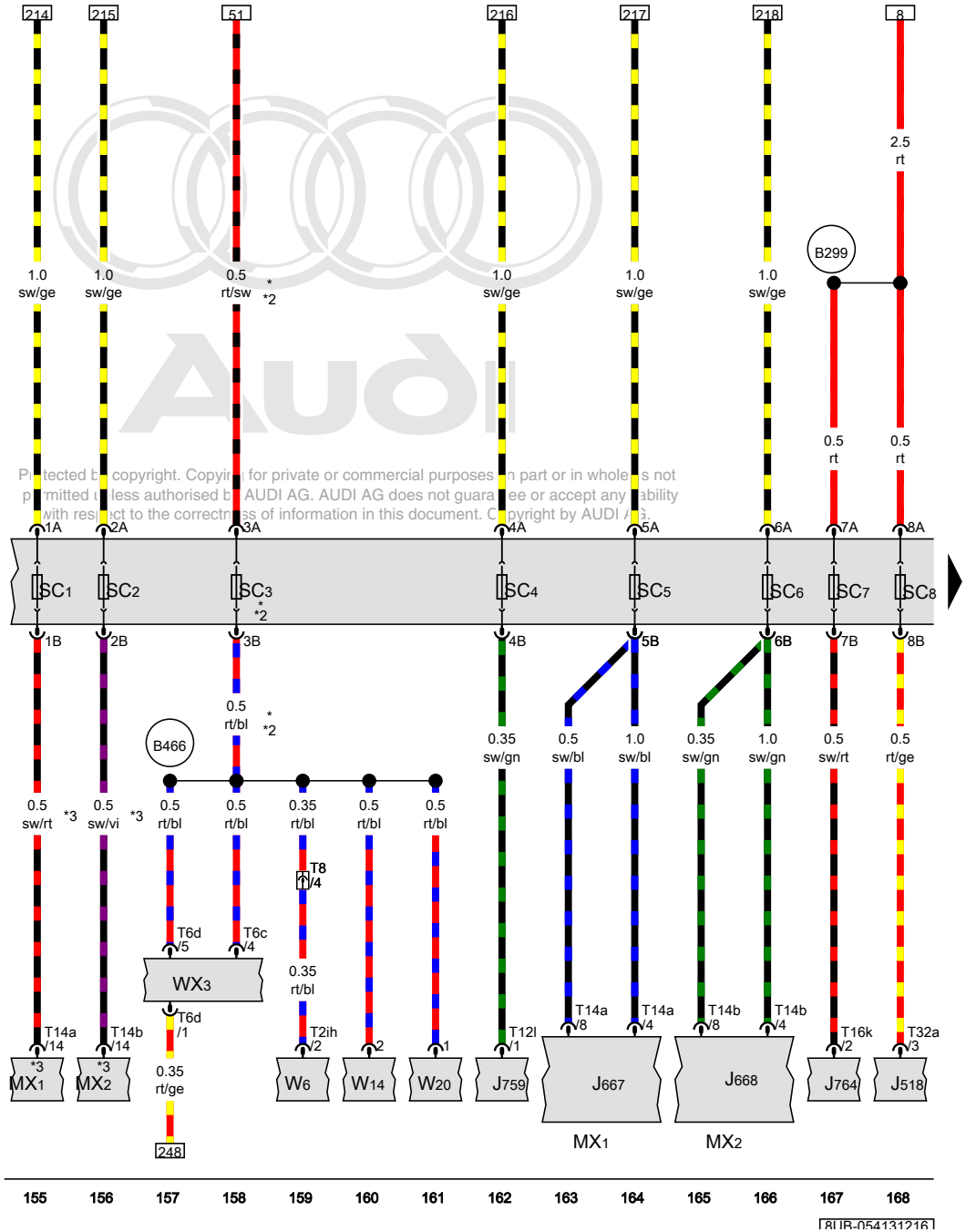


Terminal 15 voltage supply relay, Fuse 27 on fuse holder B, Fuse 28 on fuse holder B, Fuse 29 on fuse holder B

J329	Terminal 15 voltage supply relay
N	Ignition coil 1
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
SB29	Fuse 29 on fuse holder B
T9	9-pin connector, black
T14	14-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B300	Positive connection 4 (30), in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
*	Contact bridge, only models with diesel engine
*2	see applicable current flow diagram for engine
*3	According to equipment
*4	Only models with diesel engine

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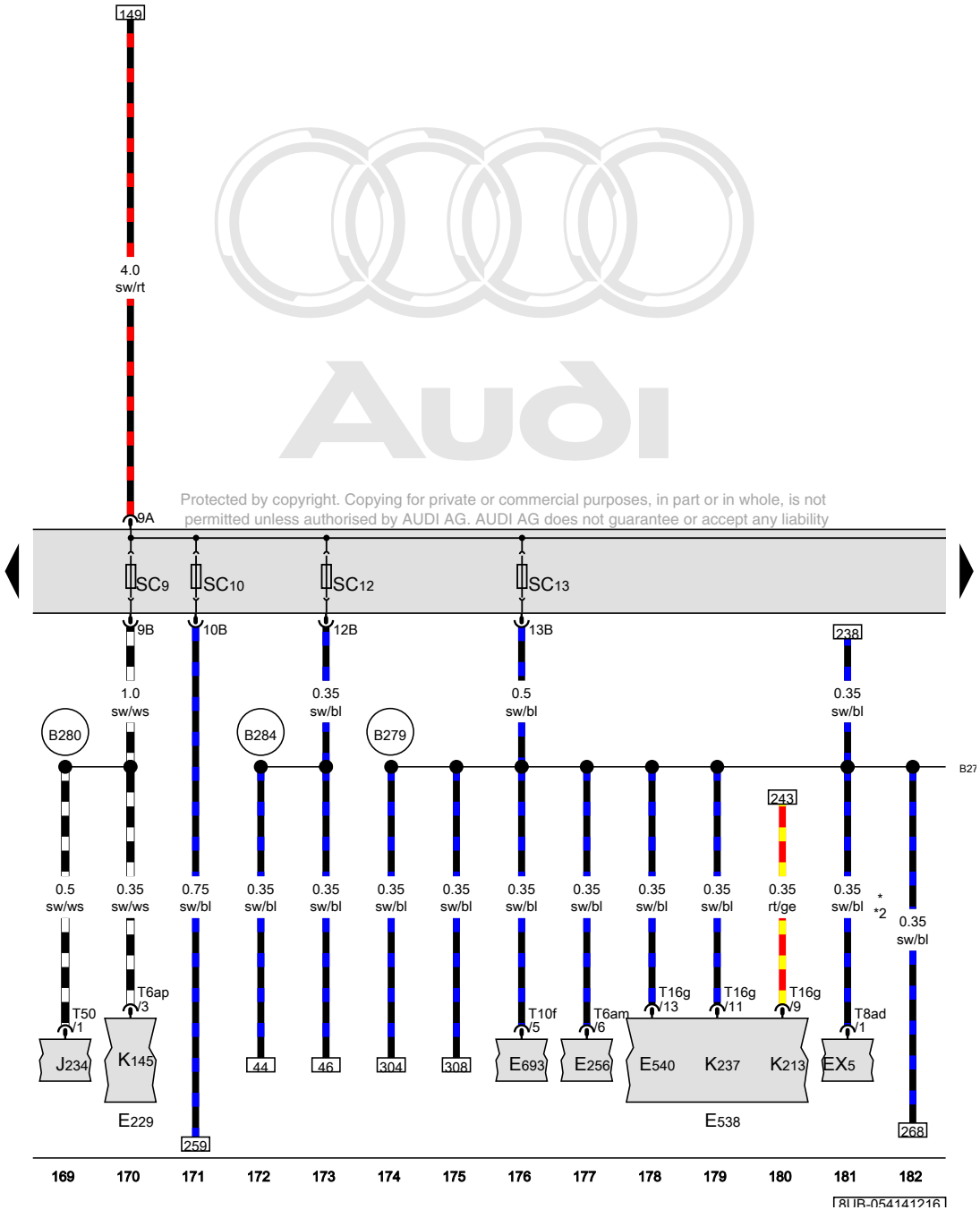


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Fuse 3 on fuse holder C, Fuse 4 on fuse holder C, Fuse 5 on fuse holder C, Fuse 6 on fuse holder C, Fuse 7 on fuse holder C, Fuse 8 on fuse holder C

J518	Entry and start authorisation control unit
J667	Output module for left headlight
J668	Output module for right headlight
J759	Lane departure warning control unit
J764	Control unit for electronic steering column lock
MX1	Front left headlight
MX2	Front right headlight
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
SC6	Fuse 6 on fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
T2ih	2-pin connector
T6c	6-pin connector
T6d	6-pin connector
T8	8-pin connector
T12l	12-pin connector
T14a	14-pin connector
T14b	14-pin connector
T16k	16-pin connector
T32a	32-pin connector
WX3	Front roof module
W6	Glove compartment light
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
B299	Positive connection 3 (30), in main wiring harness
B466	Connection 2, in main wiring harness
*	Gradually discontinued
*2	From November 2014
*3	Only models with US equipment

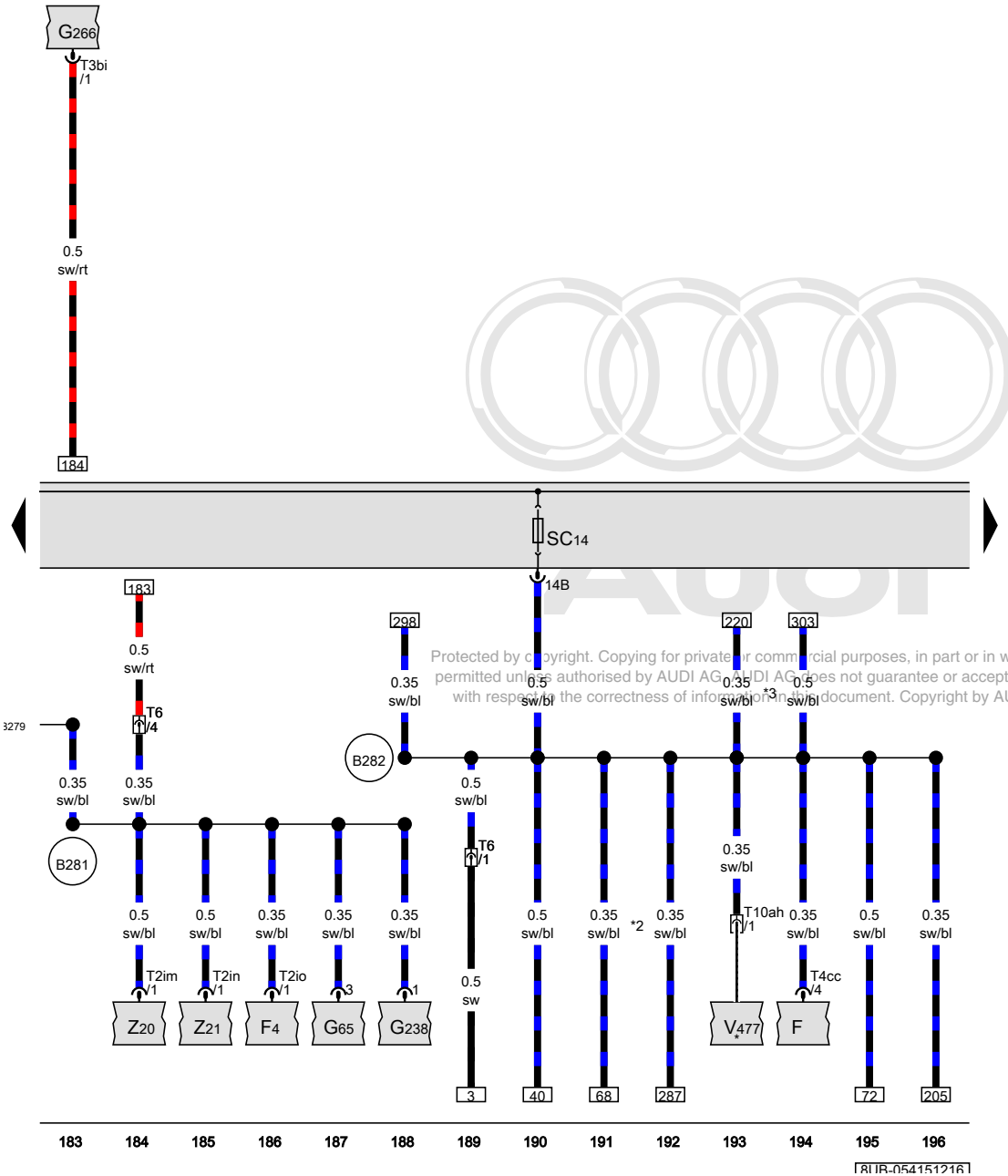


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Fuse 9 on fuse holder C, Fuse 10 on fuse holder C, Fuse 12 on fuse holder C, Fuse 13 on fuse holder C

EX5	Interior mirror
E229	Hazard warning lights button
E256	Button for TCS and electronic stabilisation program
E538	Electromechanical parking brake button
E540	Auto-hold button
E693	Start/Stop operation button
J234	Airbag control unit
K145	Front passenger side airbag deactivated warning lamp
K213	Electromechanical parking brake warning lamp
K237	Auto-hold warning lamp
SC9	Fuse 9 on fuse holder C
SC10	Fuse 10 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC13	Fuse 13 on fuse holder C
T6am	6-pin connector
T6ap	6-pin connector
T8ad	8-pin connector
T10f	10-pin connector
T16g	16-pin connector
T50	50-pin connector
B279	Positive connection 3 (15a) in main wiring harness
B280	Positive connection 4 (15a) in main wiring harness
B284	Positive connection 8 (15a) in main wiring harness
*	Only models with no start/stop system
*2	see applicable current flow diagram

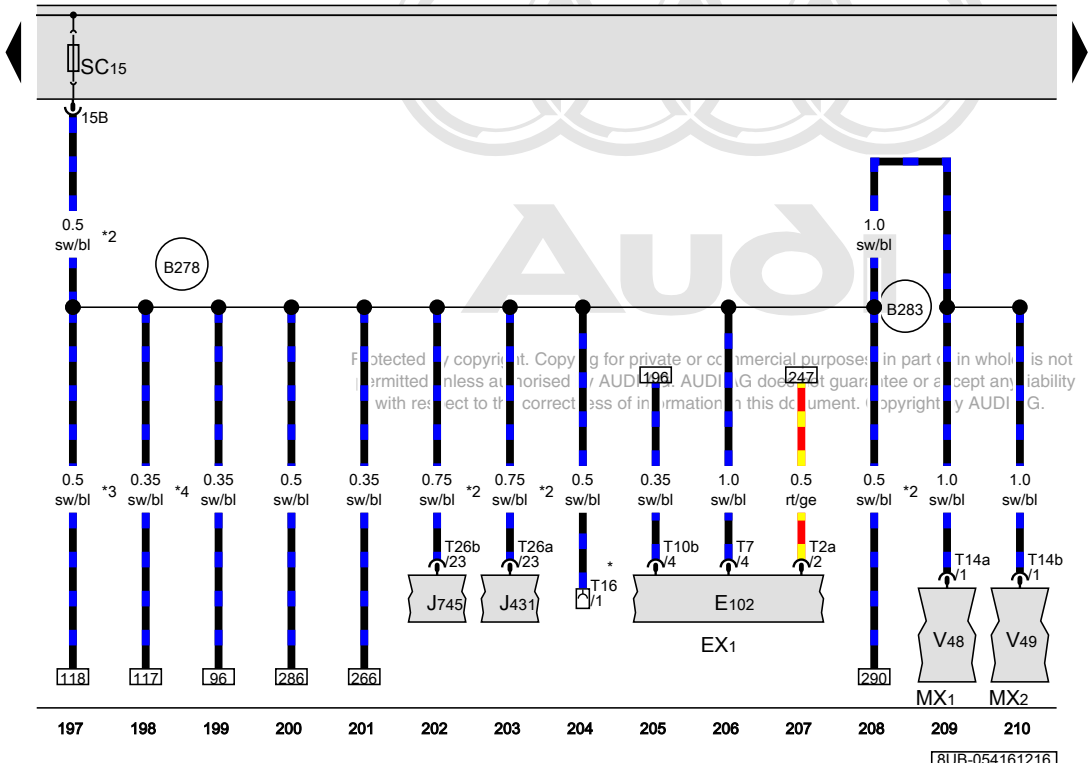


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Fuse 14 on fuse holder C

F	Brake light switch
F4	Reversing light switch
G65	High-pressure sender
G238	Air quality sensor
G266	Oil level and oil temperature sender
SC14	Fuse 14 on fuse holder C
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T3bi	3-pin connector, black
T4cc	4-pin connector
T6	6-pin connector, black
T10ah	10-pin connector
V477	Active steering motor
Z20	Left washer jet heater element
Z21	Right washer jet heater element
B279	Positive connection 3 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram for electromechanical power steering
*2	see applicable current flow diagram for engine
*3	gradual introduction

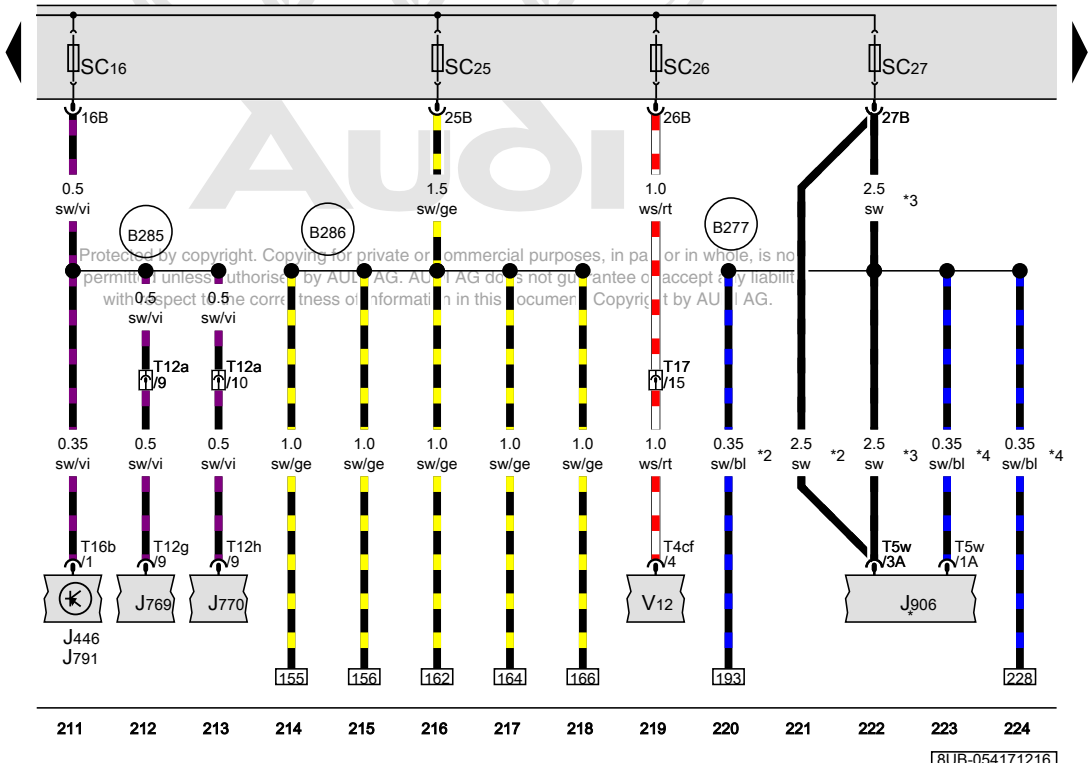


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Fuse 15 on fuse holder C

EX1	Rotary light switch
E102	Headlight range control regulator
J431	Headlight range control unit
J745	Control unit for cornering light and headlight range control
MX1	Front left headlight
MX2	Front right headlight
SC15	Fuse 15 on fuse holder C
T2a	2-pin connector
T7	7-pin connector
T10b	10-pin connector
T14a	14-pin connector
T14b	14-pin connector
T16	16-pin connector
T26a	26-pin connector
T26b	26-pin connector
V48	Left headlight range control motor
V49	Right headlight range control motor
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
*	Diagnostic connection
*2	Cross section depends on equipment
*3	Only models with diesel engine
*4	Only models with petrol engine

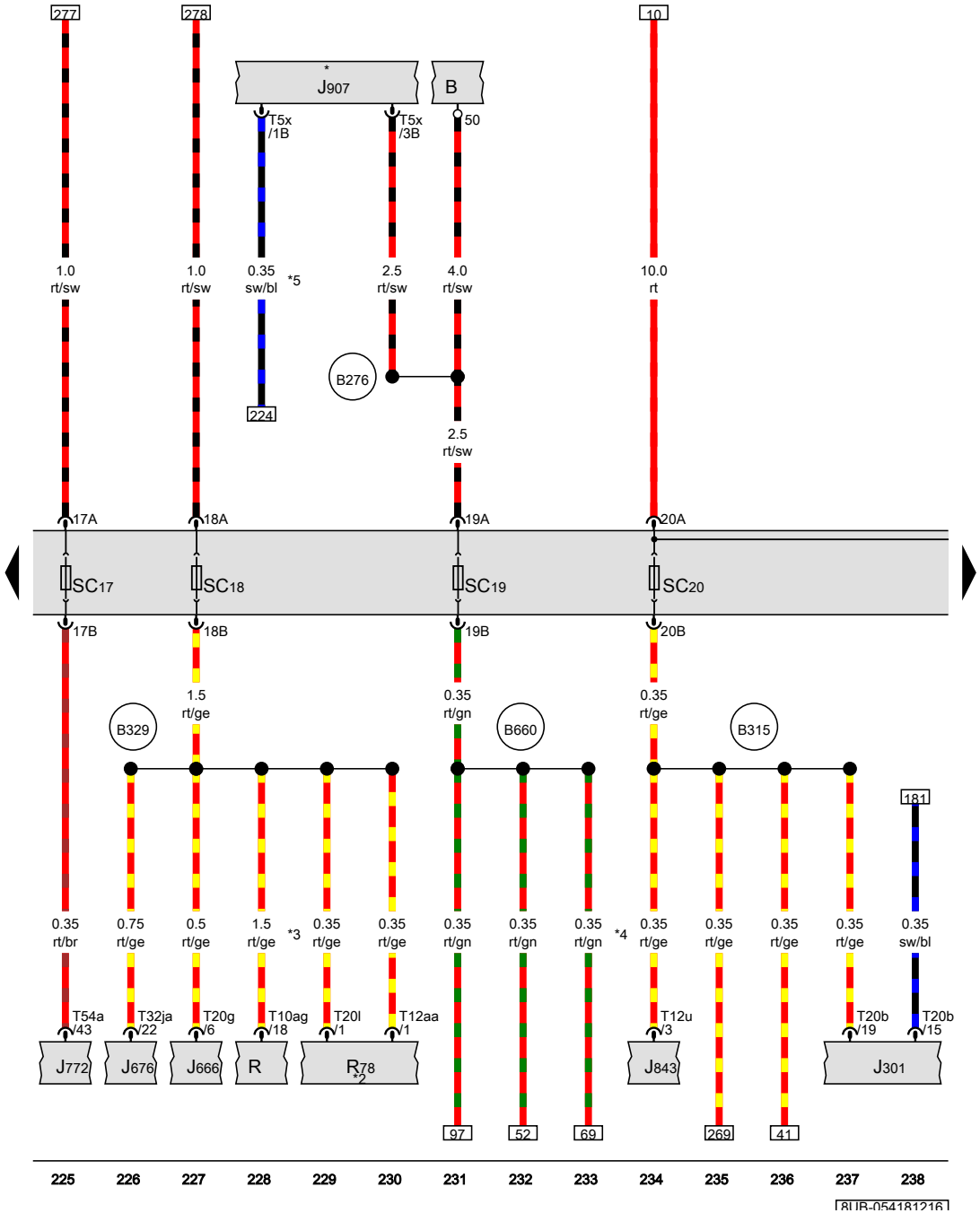


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Fuse 16 on fuse holder C, Fuse 25 on fuse holder C, Fuse 26 on fuse holder C, Fuse 27 on fuse holder C

J446	Parking aid control unit
J769	Lane change assist control unit
J770	Lane change assist control unit 2
J791	Park assist steering control unit
J906	Starter relay 1
SC16	Fuse 16 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T4cf	4-pin connector
T5w	5-pin connector
T12a	12-pin connector
T12g	12-pin connector
T12h	12-pin connector
T16b	16-pin connector
T17	17-pin connector
V12	Rear window wiper motor
B277	Positive connection 1 (15a) in main wiring harness
B285	Positive connection 9 (15a) in main wiring harness
B286	Positive connection 10 (15a) in main wiring harness
*	see applicable current flow diagram for battery
*2	gradual introduction
*3	Gradually discontinued
*4	Wiring colour depends on equipment



Starter relay 2, Fuse 17 on fuse holder C, Fuse 18 on fuse holder C, Fuse 19 on fuse holder C, Fuse 20 on fuse holder C

B	Starter
J301	Air conditioning system control unit
J666	Internet access control unit
J676	Chip card reader control unit
J772	Reversing camera system control unit
J843	Interface control unit for vehicle location system
J907	Starter relay 2
R	Radio
R78	TV tuner
SC17	Fuse 17 on fuse holder C
SC18	Fuse 18 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC20	Fuse 20 on fuse holder C
T5x	5-pin connector
T10ag	10-pin connector
T12aa	12-pin connector
T12u	12-pin connector
T20b	20-pin connector
T20g	20-pin connector
T20l	20-pin connector
T32ja	32-pin connector
T54a	54-pin connector
B276	Positive connection (50), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	see applicable current flow diagram for battery
*2	According to equipment
*3	Only models with MMI
*4	see applicable current flow diagram for engine
*5	Wiring colour depends on equipment

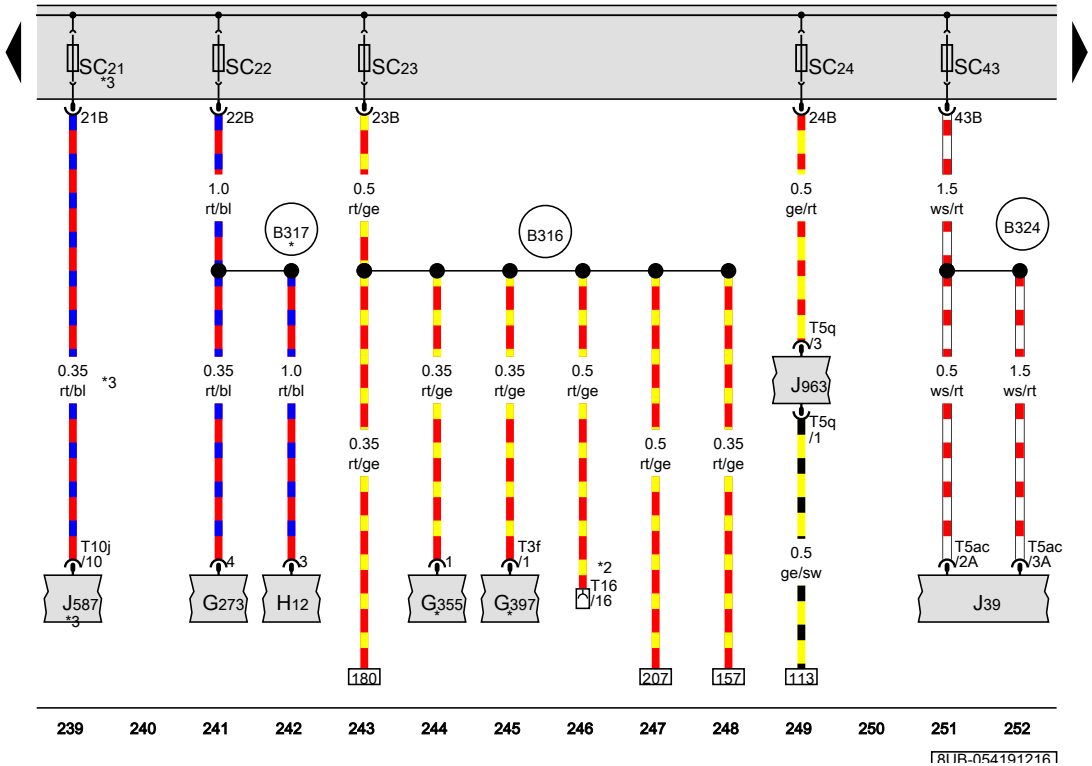
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Fuse 22 on fuse holder C, Fuse 23 on fuse holder C, Fuse 43 on fuse holder C

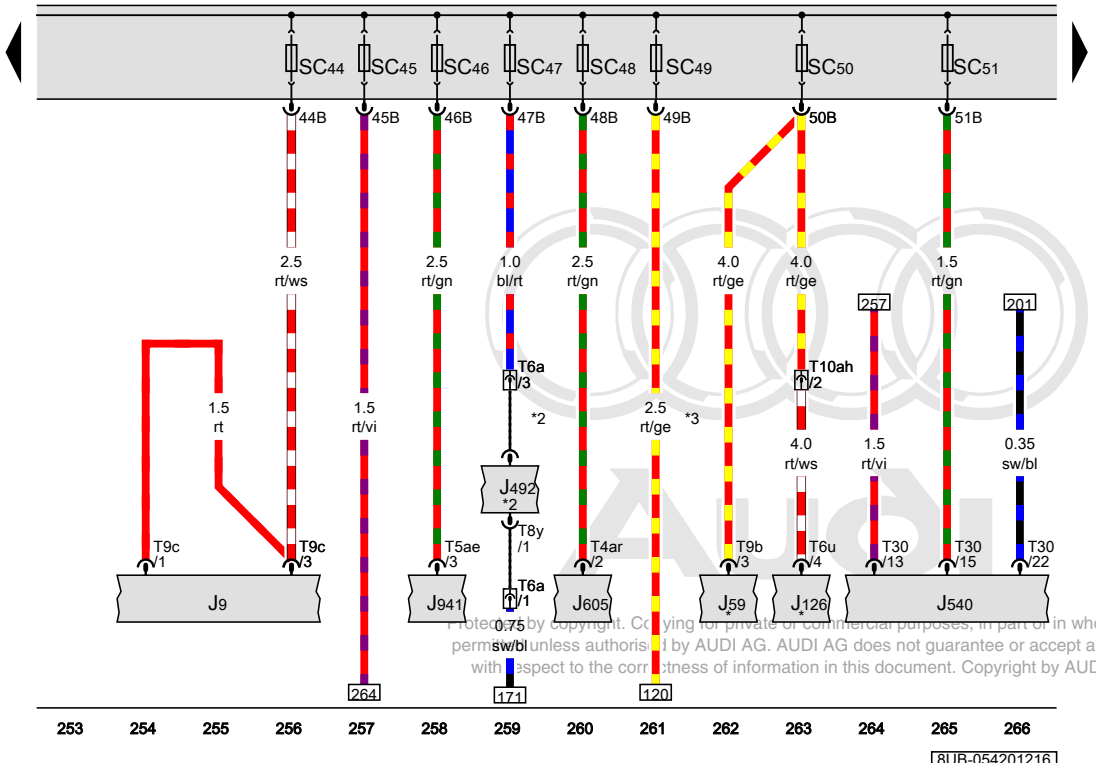
G273	Interior monitoring sensor
G355	Humidity sender
G397	Rain and light sensor
H12	Alarm horn
J39	Headlight washer system relay
J587	Selector lever sensors control unit
J963	Relay for reducing agent metering system
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
SC43	Fuse 43 on fuse holder C
T3f	3-pin connector
T5ac	5-pin connector
T5q	5-pin connector
T10j	10-pin connector
T16	16-pin connector
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	According to equipment
*2	Diagnostic connection
*3	From November 2014



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Fuse 44 on fuse holder C, Fuse 45 on fuse holder C, Fuse 46 on fuse holder C, Fuse 47 on fuse holder C, Fuse 48 on fuse holder C, Fuse 49 on fuse holder C, Fuse 50 on fuse holder C, Fuse 51 on fuse holder C

J9	Heated rear window relay
J59	X-contact relief relay
J126	Fresh air blower control unit
J492	All-wheel drive control unit
J540	Control unit for electromechanical parking brake
J605	Rear lid control unit
J941	Trailer voltage supply relay
SC44	Fuse 44 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
SC50	Fuse 50 on fuse holder C
SC51	Fuse 51 on fuse holder C
T4ar	4-pin connector
T5ae	5-pin connector
T6a	6-pin connector
T6u	6-pin connector
T8y	8-pin connector
T9b	9-pin connector
T9c	9-pin connector
T10ah	10-pin connector
T30	30-pin connector
*	According to equipment
*2	see applicable current flow diagram for all-wheel drive
*3	Only models with diesel engine

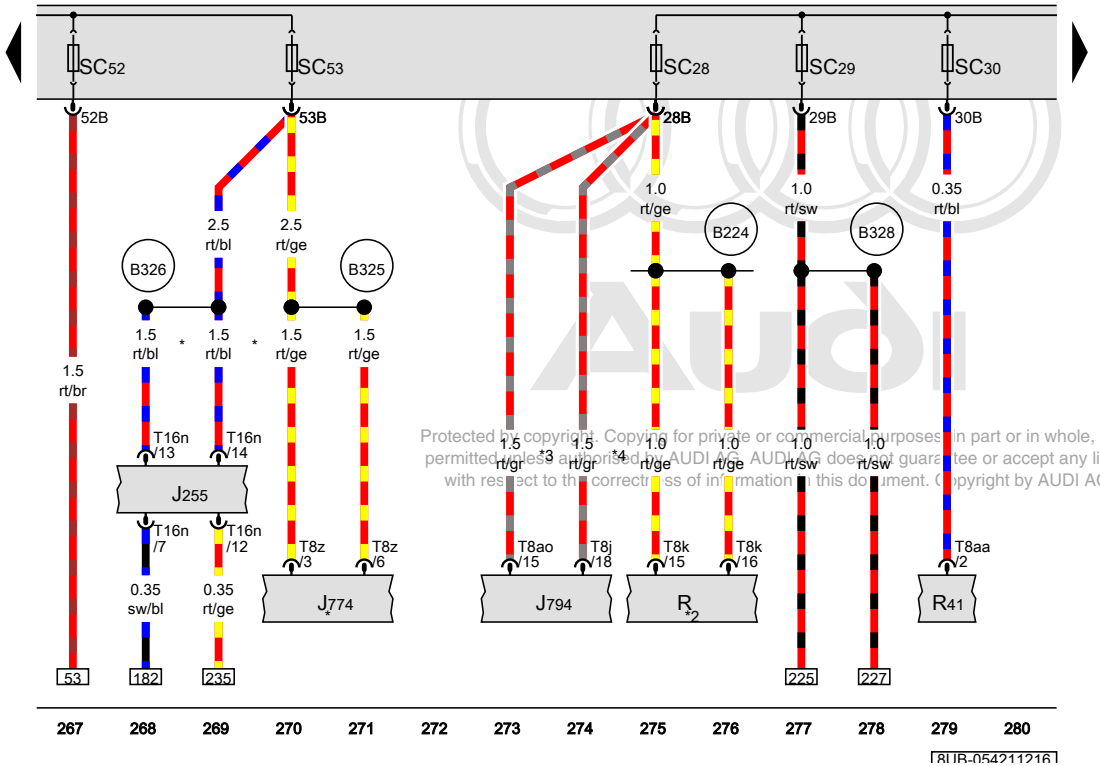


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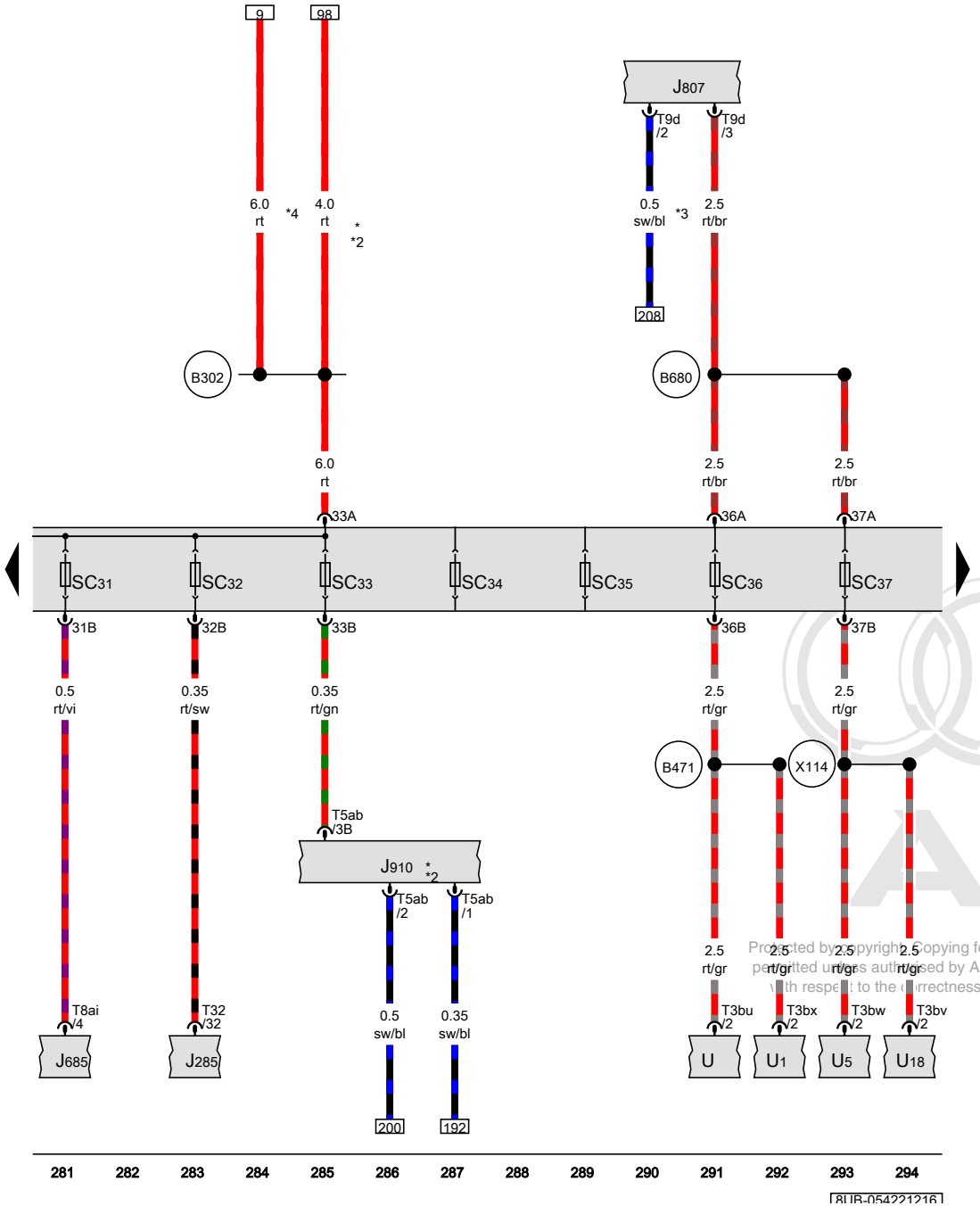
Fuse 28 on fuse holder C, Fuse 29 on fuse holder C, Fuse 30 on fuse holder C, Fuse 52 on fuse holder C, Fuse 53 on fuse holder C

J255	Climatronic control unit
J774	Heated front seats control unit
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC52	Fuse 52 on fuse holder C
SC53	Fuse 53 on fuse holder C
T8aa	8-pin connector
T8ao	8-pin connector
T8j	8-pin connector
T8k	8-pin connector
T8z	8-pin connector
T16n	16-pin connector
B224	Connection 1 (radio), in interior wiring harness
B325	Positive connection 11 (30a) in main wiring harness
B326	Positive connection 12 (30a) in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	According to equipment
*2	Only models with radio chorus
*3	Only models with MMI
*4	Only models with radio concert



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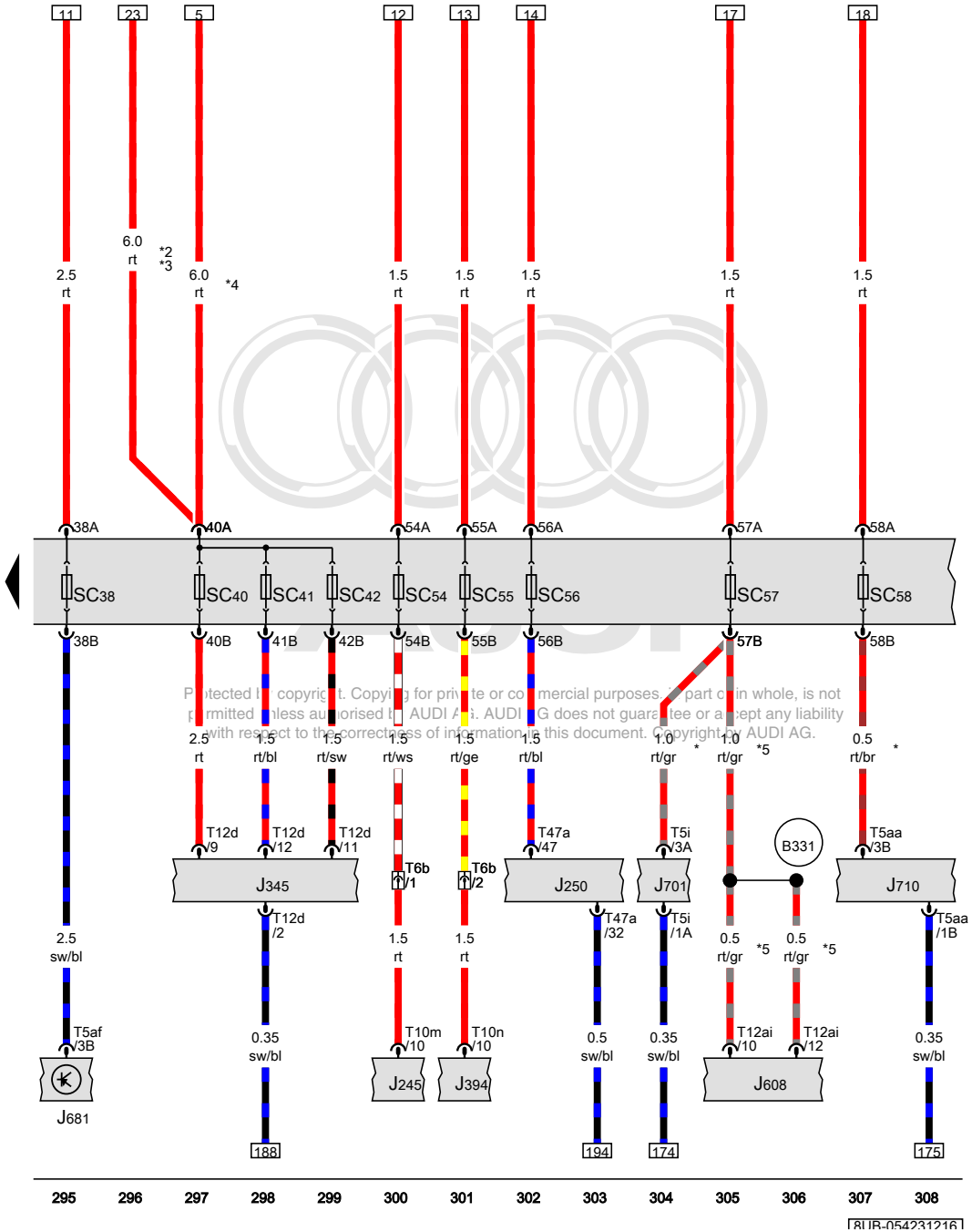


Fuse 31 on fuse holder C, Fuse 32 on fuse holder C, Fuse 33 on fuse holder C, Fuse 34 on fuse holder C, Fuse 35 on fuse holder C, Fuse 36 on fuse holder C, Fuse 37 on fuse holder C

J285	Control unit in dash panel insert
J685	Display unit for front information display and operating unit control unit
J807	Relay for power sockets
J910	Relay for automatic anti-dazzle interior mirror
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
SC34	Fuse 34 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC37	Fuse 37 on fuse holder C
T3bu	3-pin connector
T3bv	3-pin connector
T3bw	3-pin connector
T3bx	3-pin connector
T5ab	5-pin connector
T8ai	8-pin connector
T9d	9-pin connector
T32	32-pin connector
U	Electric socket
U1	Cigarette lighter
U5	12 V socket
U18	12 V socket 2
B302	Positive connection 6 (30), in main wiring harness
B471	Connection 7, in main wiring harness
B680	Connection (electric socket), in interior wiring harness
X114	Connection (electrical socket), in optional equipment wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for battery
*3	Cross section depends on equipment
*4	Only models with no start/stop system

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

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Fuse 40 on fuse holder C, Fuse 41 on fuse holder C, Fuse 42 on fuse holder C, Fuse 54 on fuse holder C, Fuse 55 on fuse holder C, Fuse 56 on fuse holder C, Fuse 57 on fuse holder C, Fuse 58 on fuse holder C

J245	Sliding sunroof adjustment control unit
J250	Electronically controlled damping control unit
J345	Trailer detector control unit
J394	Sunroof roller blind control unit
J608	Special vehicle control unit
J681	Terminal 15 voltage supply relay 2
J701	Voltage supply relay 1
J710	Voltage supply relay 2
SC38	Fuse 38 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC54	Fuse 54 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
SC57	Fuse 57 on fuse holder C
SC58	Fuse 58 on fuse holder C
T5aa	5-pin connector
T5af	5-pin connector, white
T5i	5-pin connector
T6b	6-pin connector
T10m	10-pin connector
T10n	10-pin connector
T12ai	12-pin connector
T12d	12-pin connector
T47a	47-pin connector
B331	Positive connection 17 (30a) in main wiring harness

* Only models with no special equipment, driving aids for disabled persons

*2 Only models with battery in luggage compartment

*3 see applicable current flow diagram

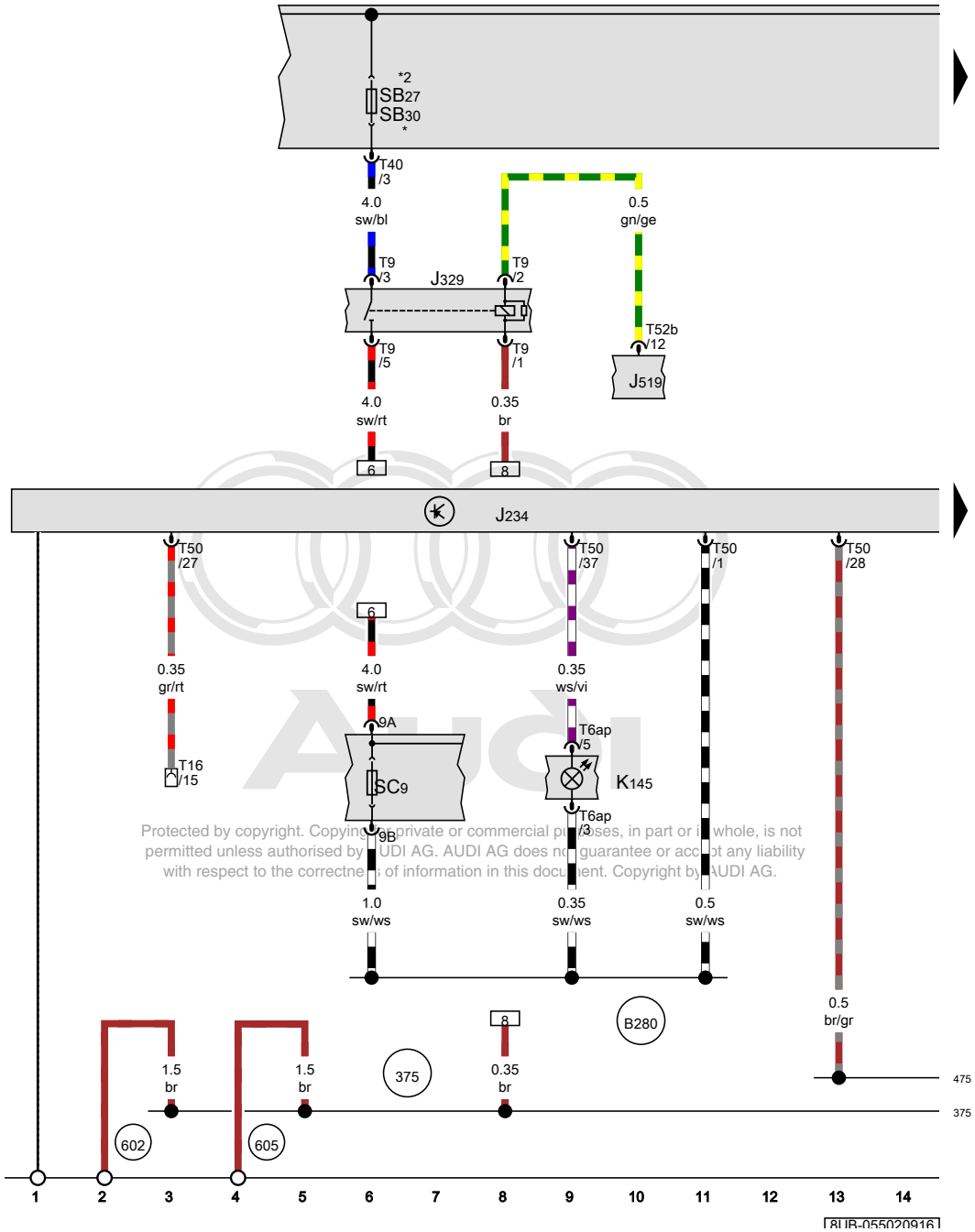
*4 see applicable current flow diagram for battery in engine compartment

*5 Only models with special equipment, driving aids for disabled persons

Airbag systems for RHD vehicles , (L0R)

From August 2011

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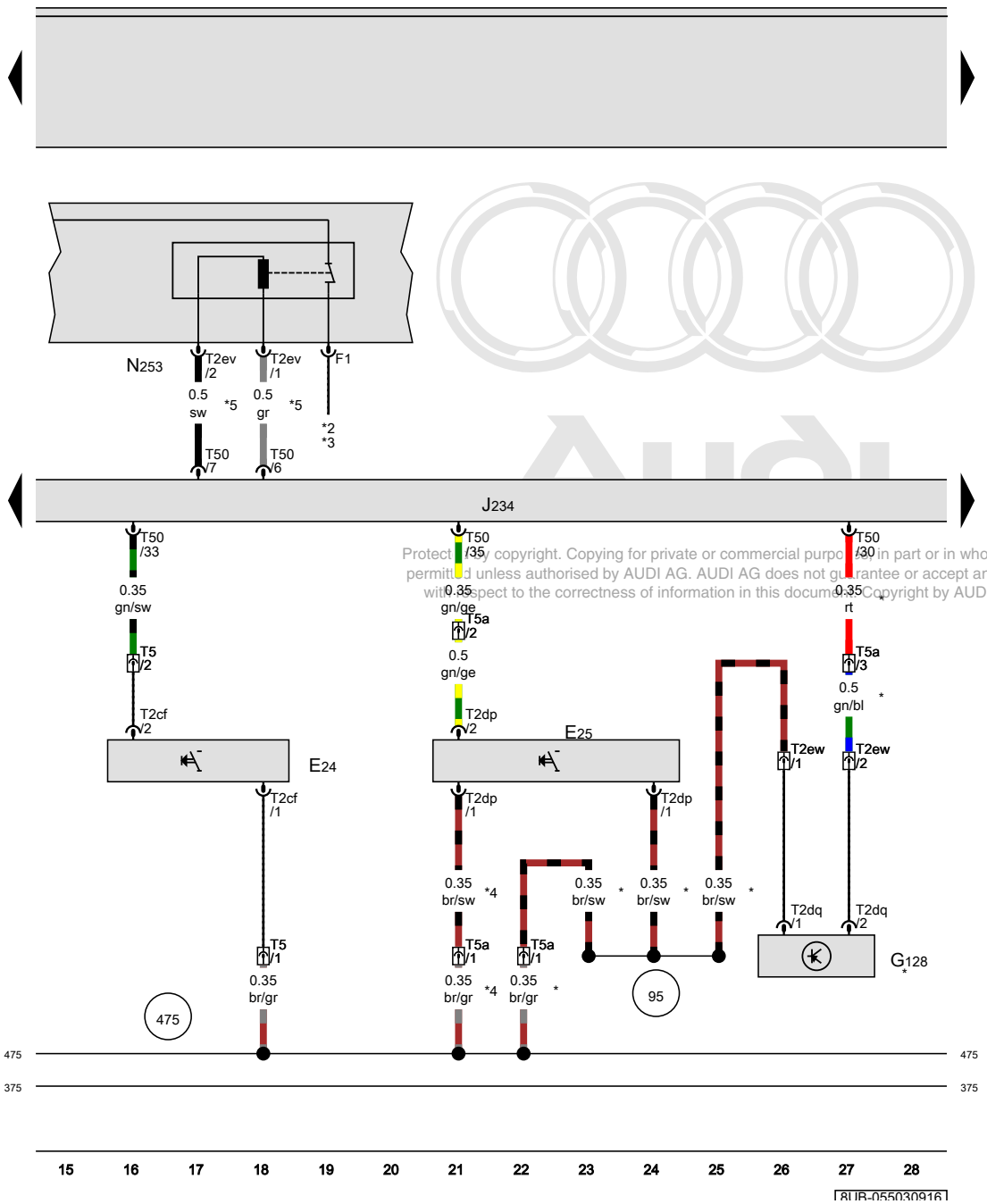


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Terminal 15 voltage supply relay, Onboard supply control unit, Front passenger side airbag deactivated warning lamp

J234	Airbag control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
K145	Front passenger side airbag deactivated warning lamp
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6ap	6-pin connector, white
T9	9-pin connector, black
T16	16-pin connector
T40	40-pin connector, black
T50	50-pin connector, yellow
T52b	52-pin connector, colourless
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B280	Positive connection 4 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

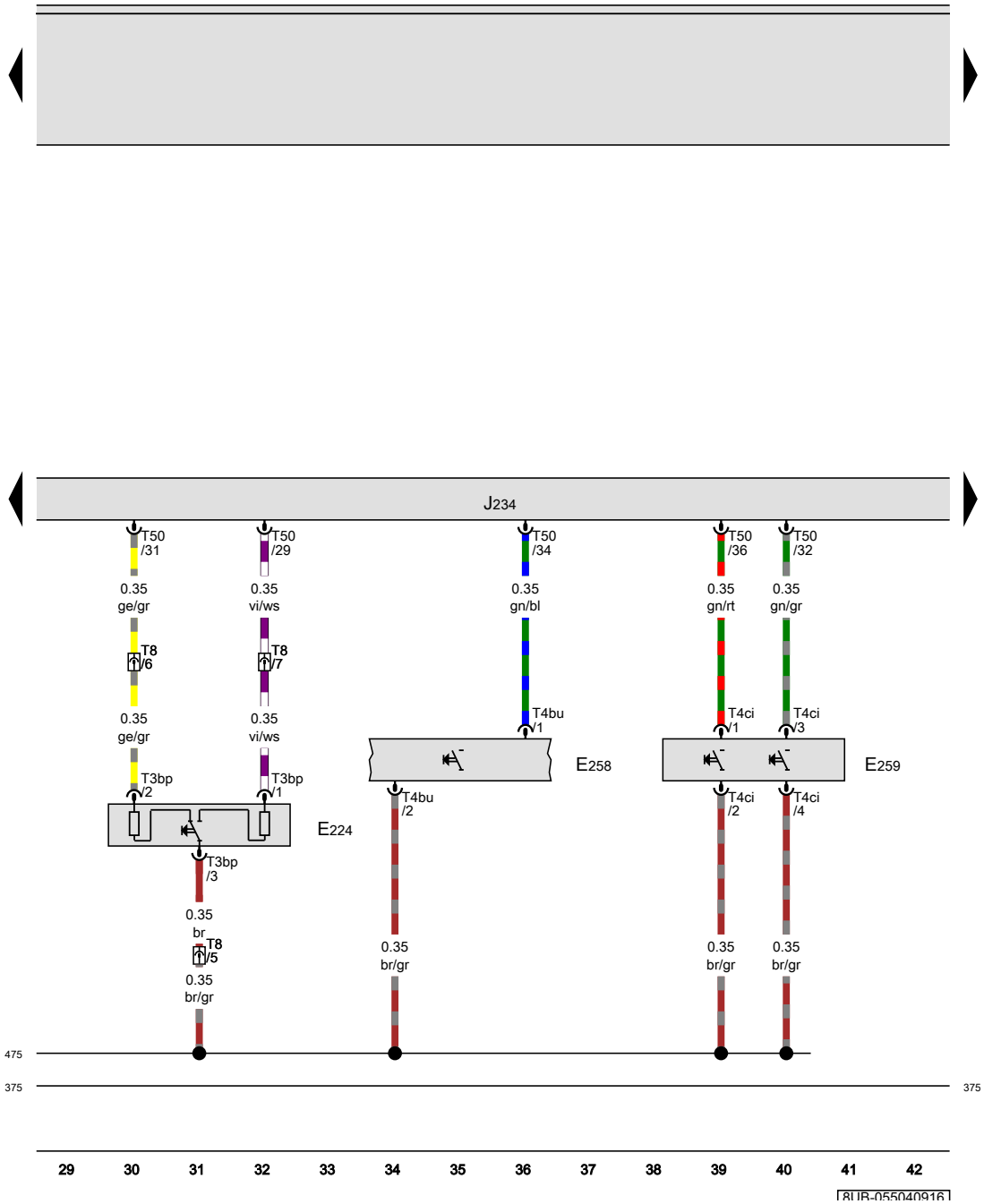


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Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Battery isolation igniter

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
J234	Airbag control unit
N253	Battery isolation igniter
T2cf	2-pin connector, yellow
T2dp	2-pin connector, yellow
T2dq	2-pin connector, yellow
T2ev	2-pin connector, purple
T2ew	2-pin connector
T5	5-pin connector, under driver seat, black
T5a	5-pin connector, under front passenger seat, black
T50	50-pin connector, yellow
95	Earth connection 1, in seat adjustment wiring harness
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness
*	Only models with seat occupied recognition
*2	Only models with battery in luggage compartment
*3	see applicable current flow diagram
*4	According to equipment
*5	Cross section depends on equipment

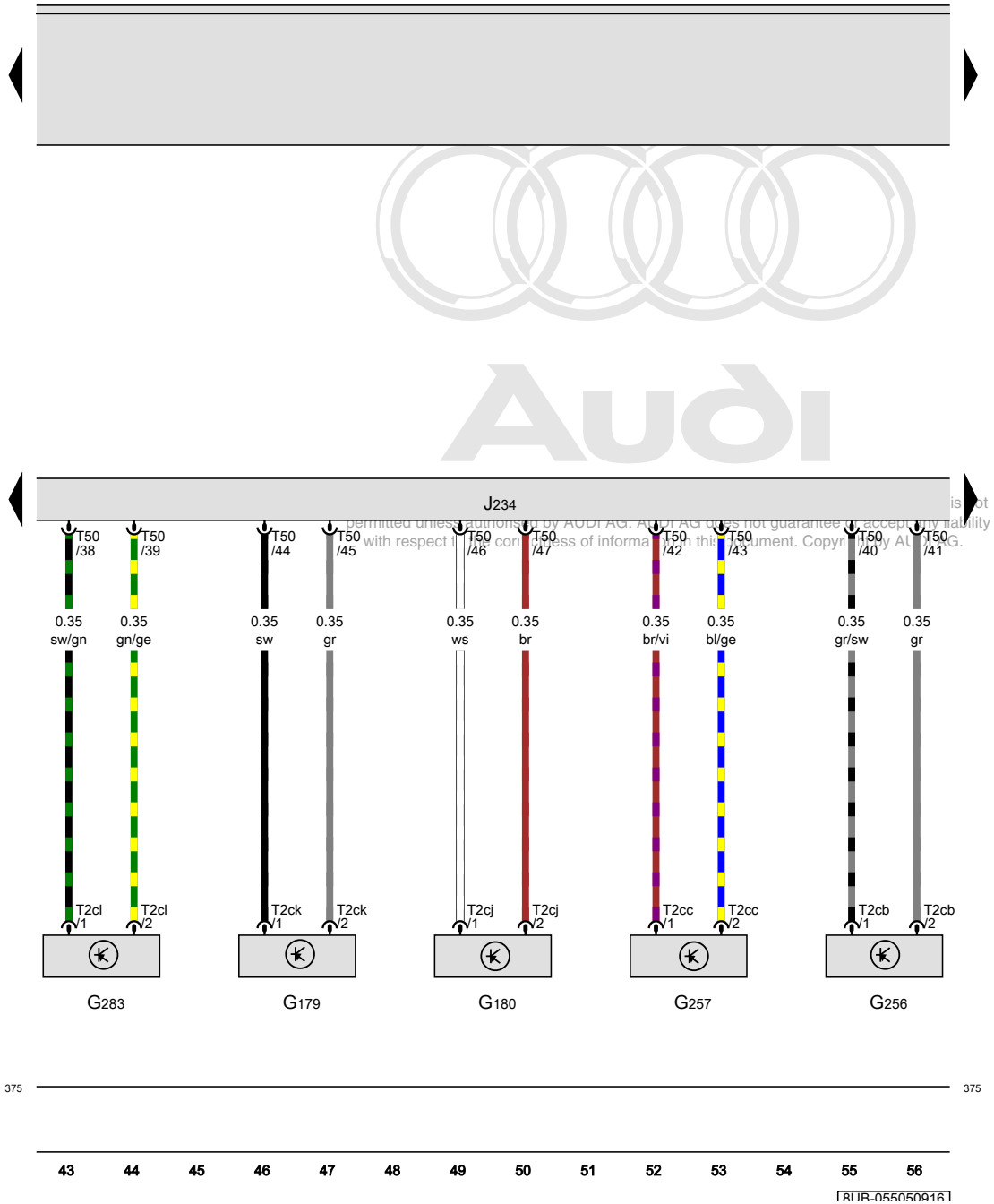


Key operated switch to deactivate front passenger side airbag, Rear belt switch, driver side, Rear belt switch, passenger side

E224	Key operated switch to deactivate front passenger side airbag
E258	Rear belt switch, driver side
E259	Rear belt switch, passenger side
J234	Airbag control unit
T3bp	3-pin connector
T4bu	4-pin connector, black
T4ci	4-pin connector, brown
T8	8-pin connector, near glove compartment, black
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness

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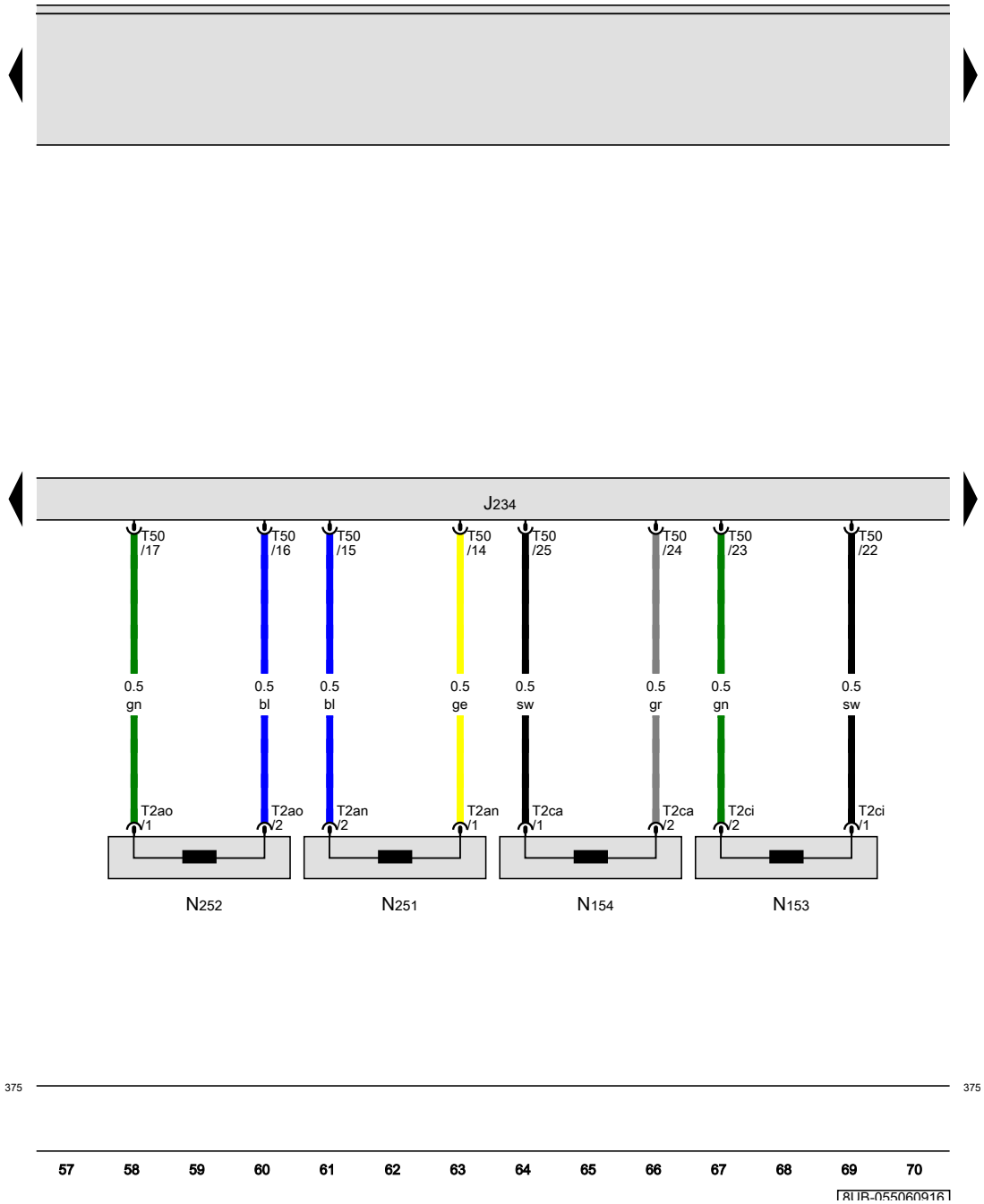


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Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Front airbag crash sensor for driver side

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
G283	Front airbag crash sensor for driver side
J234	Airbag control unit
T2cb	2-pin connector, yellow
T2cc	2-pin connector, yellow
T2cj	2-pin connector, yellow
T2ck	2-pin connector, yellow
T2cl	2-pin connector, yellow
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness

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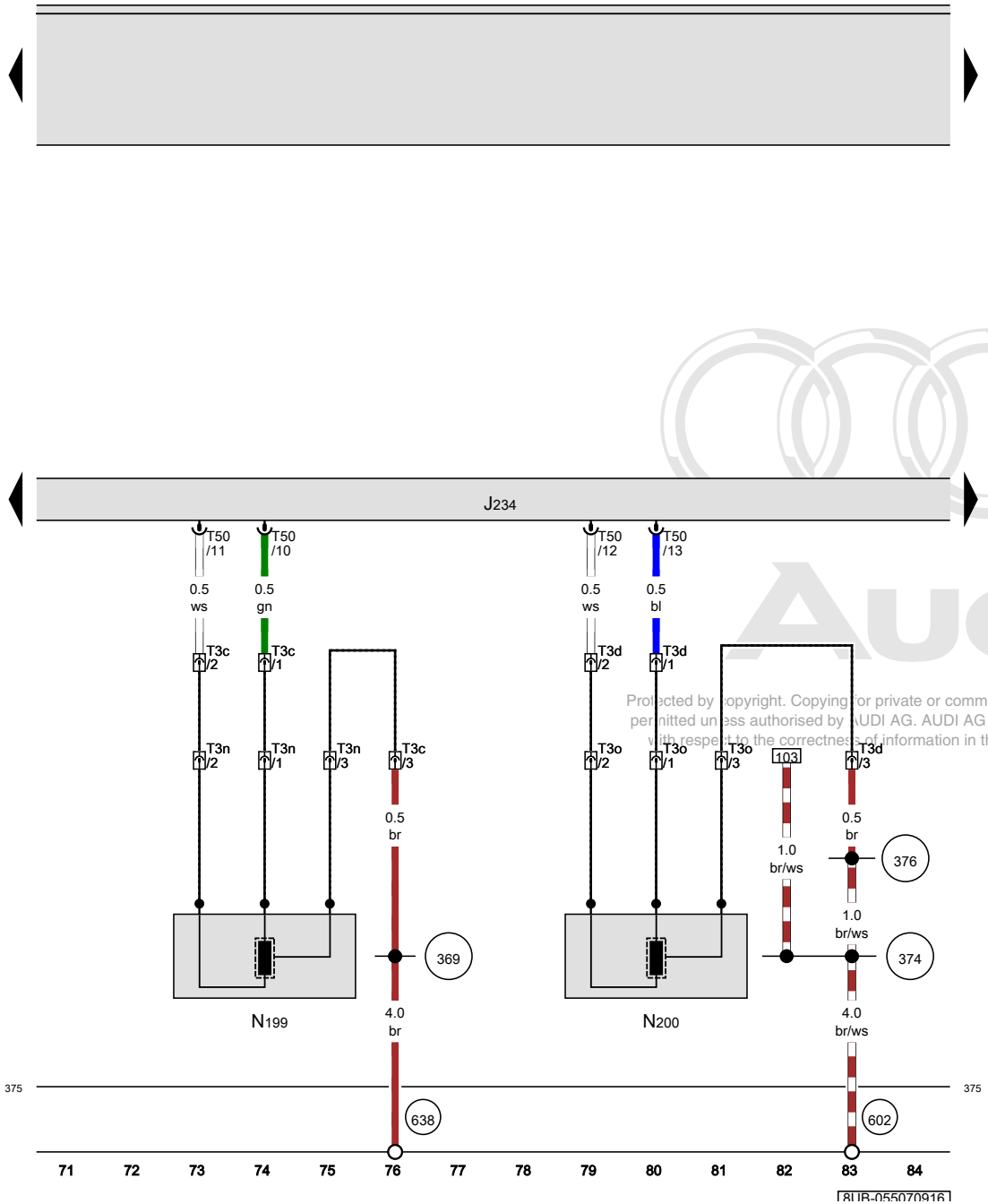


Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

J234	Airbag control unit
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2an	2-pin connector, yellow
T2ao	2-pin connector, yellow
T2ca	2-pin connector, yellow
T2ci	2-pin connector, yellow
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness

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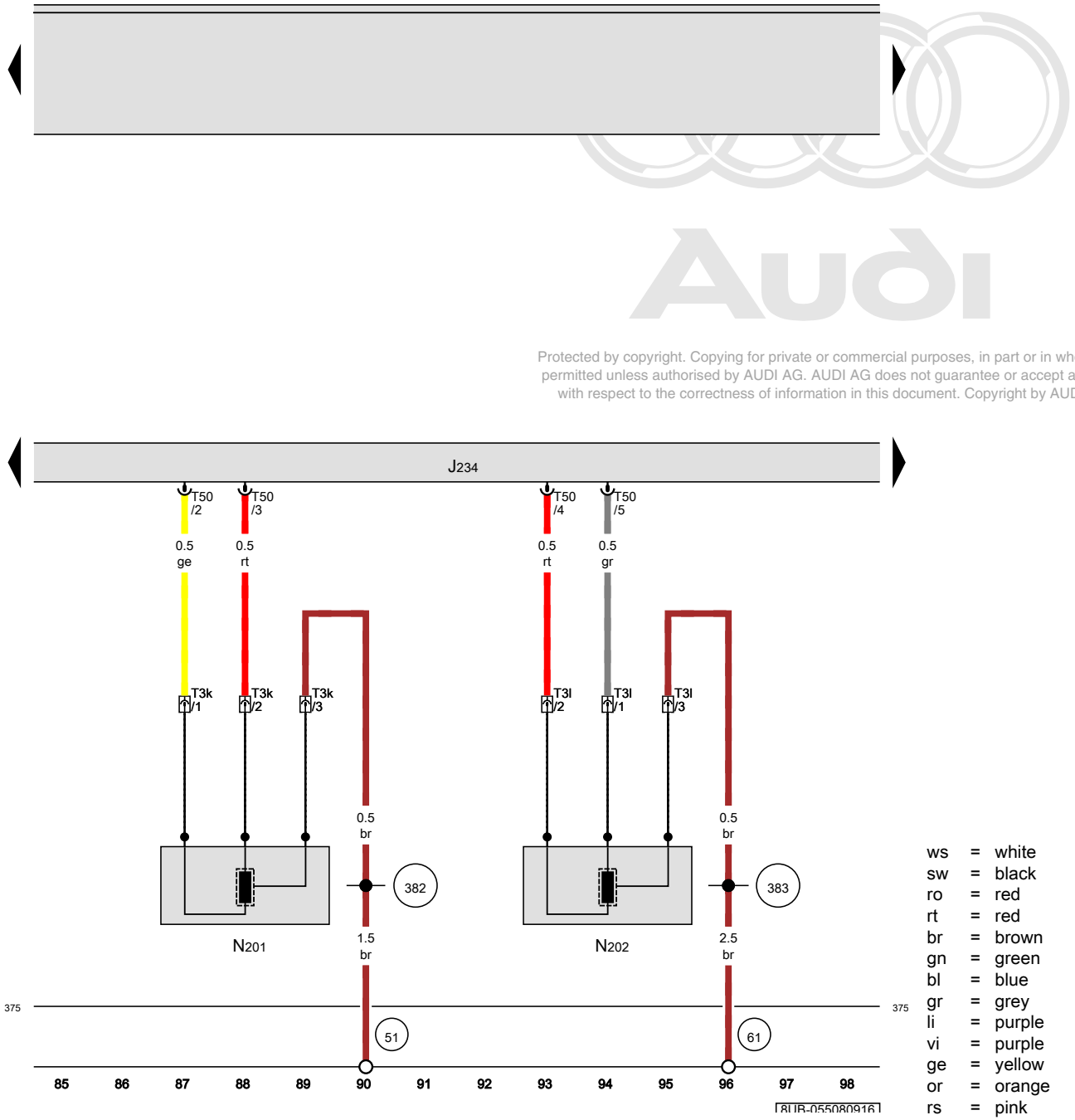


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Side airbag igniter on driver side, Side airbag igniter on front passenger side

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
T3c	3-pin connector, near driver seat, in coupling point for front seat, left, yellow
T3d	3-pin connector, near front passenger seat, in coupling point for front seat, right, yellow
T3n	3-pin connector, yellow
T3o	3-pin connector, yellow
T50	50-pin connector, yellow
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar

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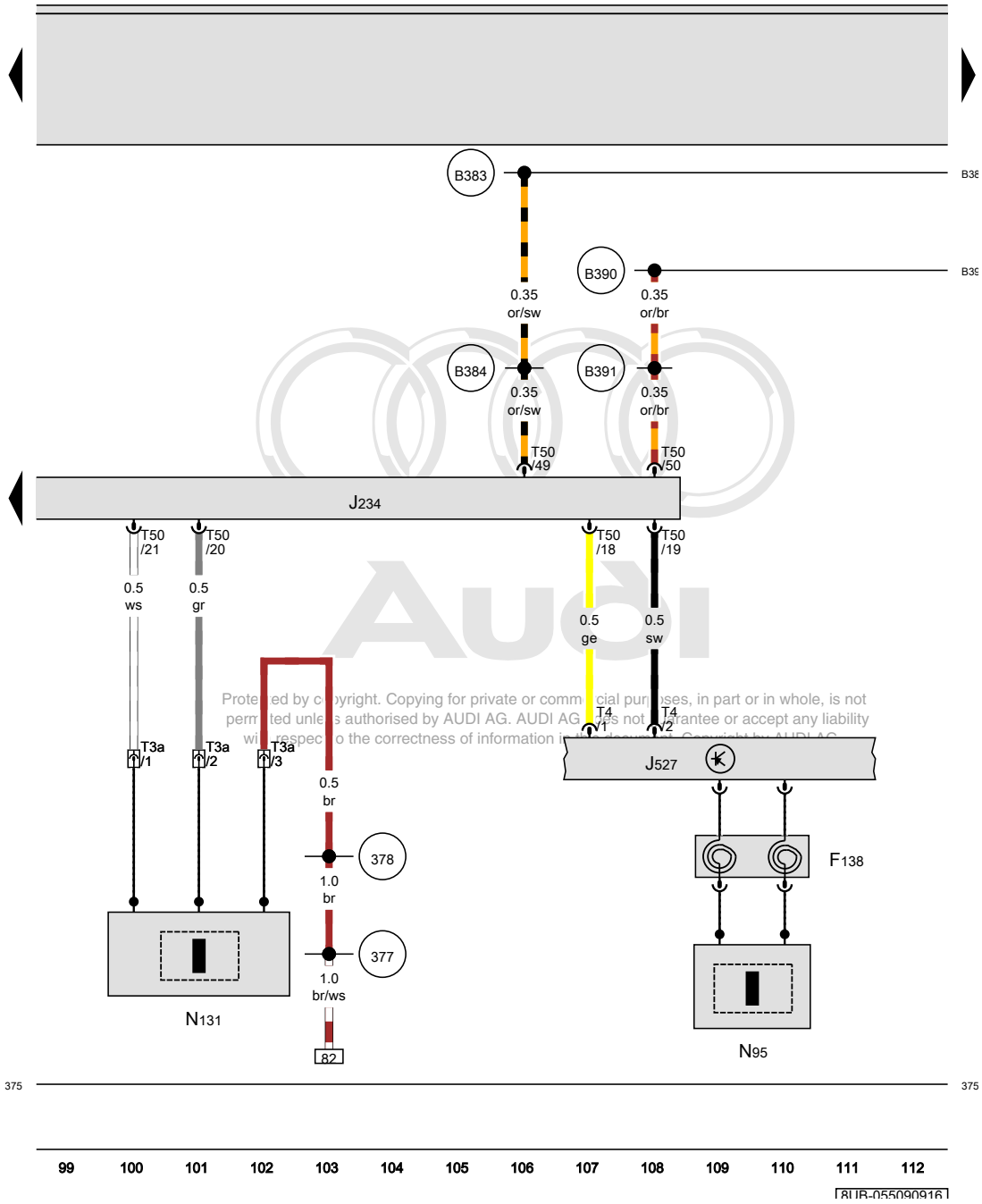


Rear side airbag igniter on driver side, Rear side airbag igniter on passenger side

J234	Airbag control unit
N201	Rear side airbag igniter on driver side
N202	Rear side airbag igniter on passenger side
T3k	3-pin connector, yellow
T3l	3-pin connector, yellow
T50	50-pin connector, yellow
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness

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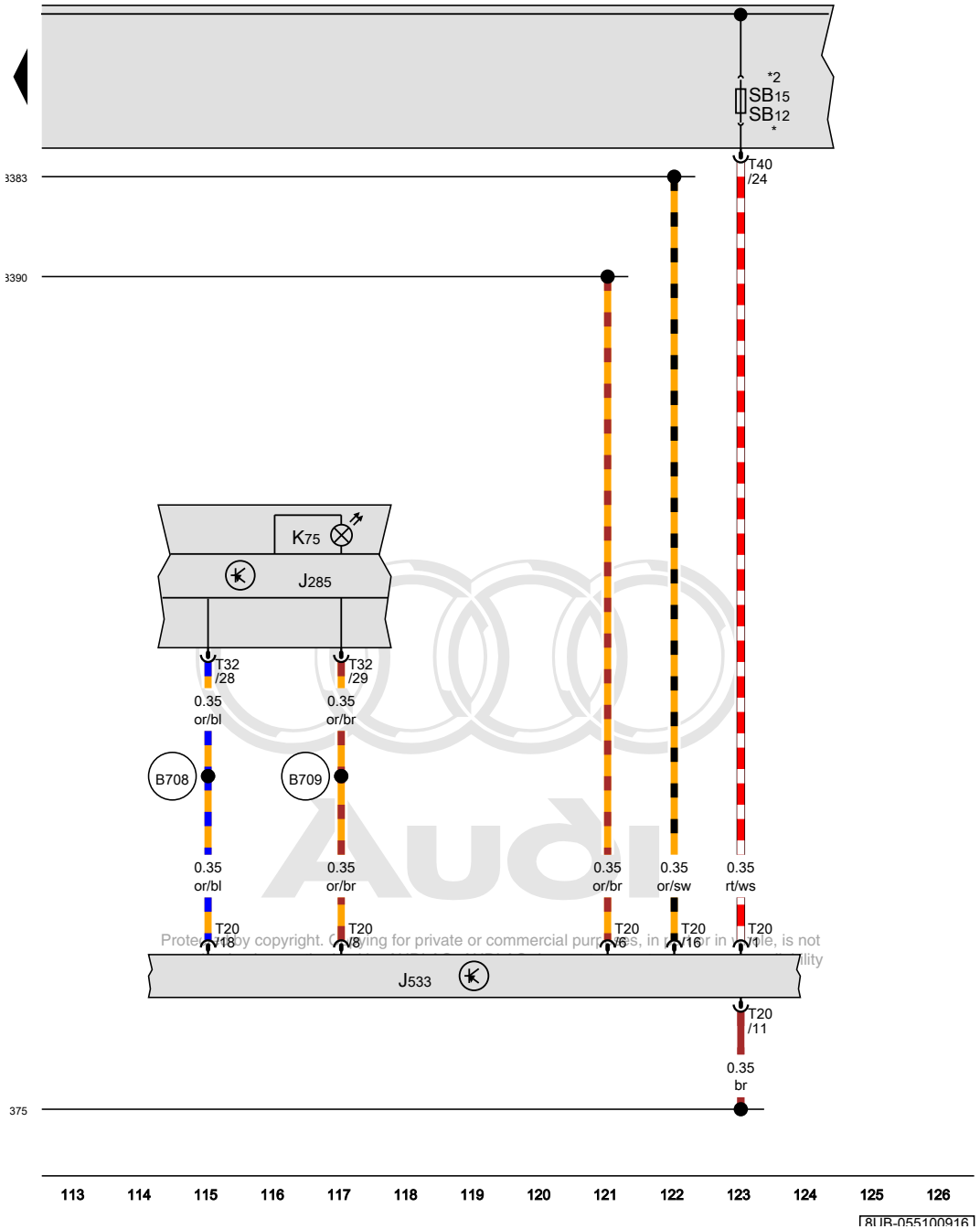


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Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
T3a	3-pin connector, white
T4	4-pin connector, yellow
T50	50-pin connector, yellow
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, 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

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

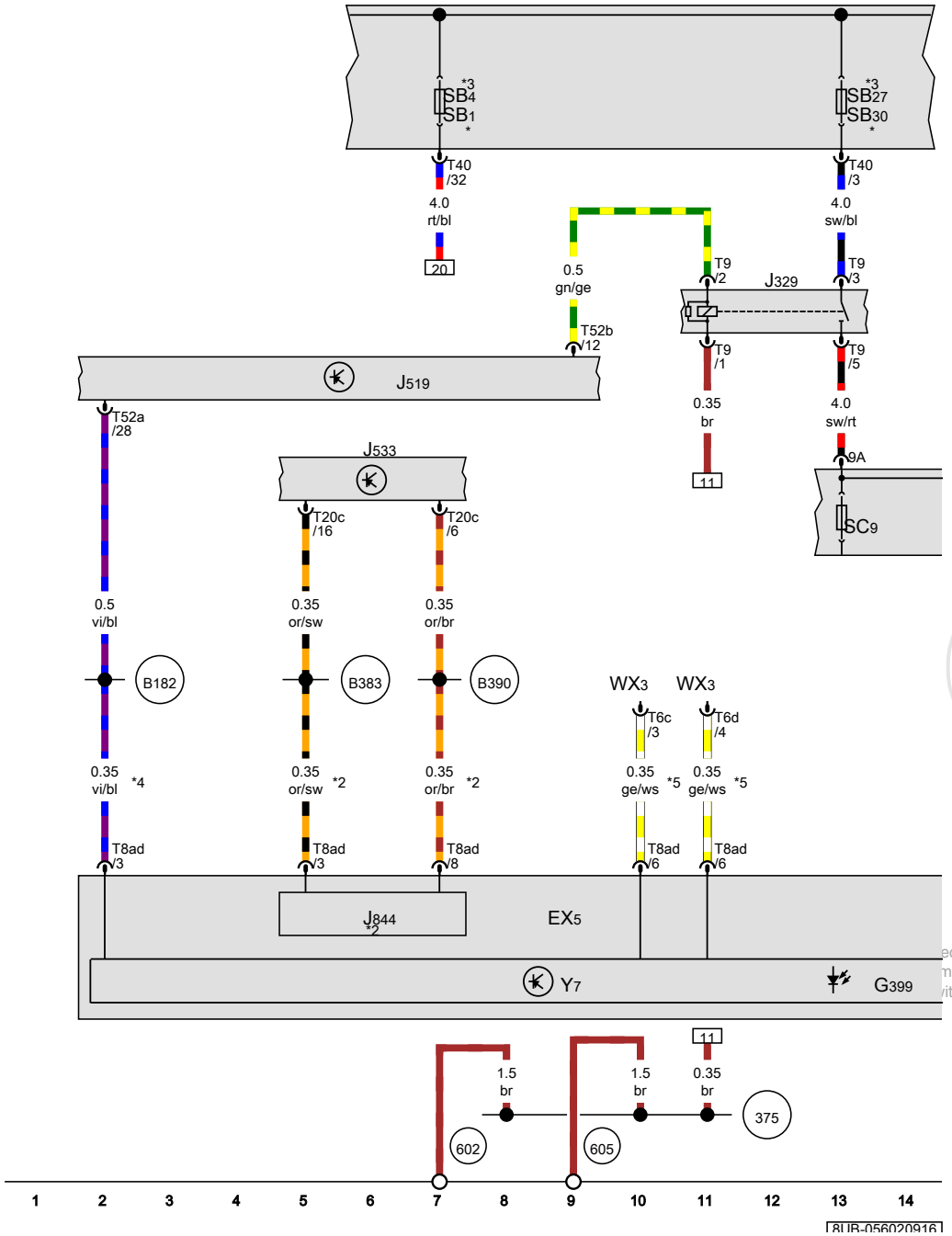
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K75	Airbag warning lamp
SB12	Fuse 12 on fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector, red
T32	32-pin connector, blue
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Up to October 2012
*2	From November 2012

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Automatic anti-dazzle interior mirror for RHD vehicles , (4L2),(4L6),(L0R)

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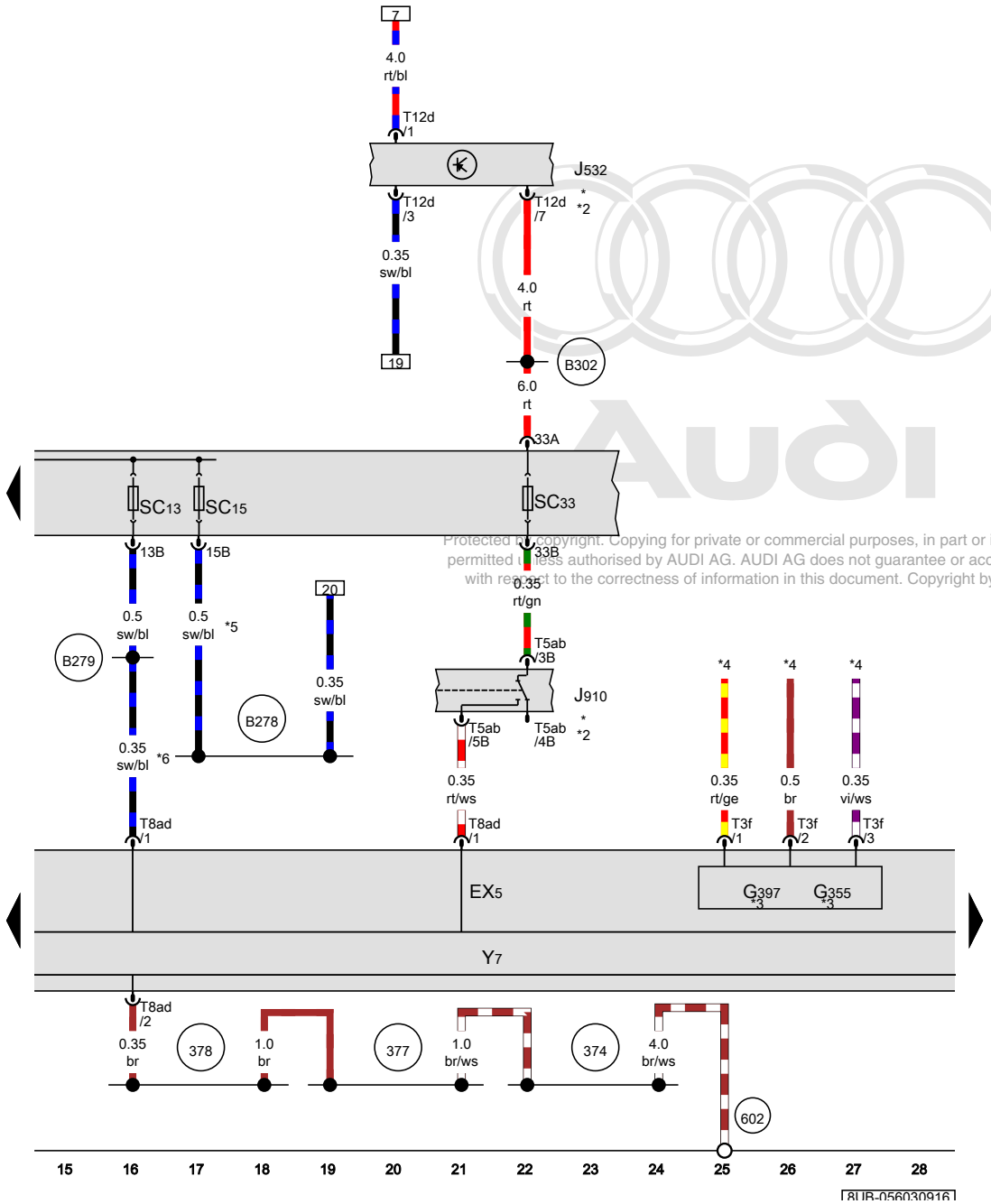
Terminal 15 voltage supply relay, Onboard supply control unit, Data bus diagnostic interface, Automatic anti-dazzle interior mirror

EX5	Interior mirror
G399	Light sensor
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J844	Main beam assist control unit
SB1	Fuse 1 on fuse holder B
SB4	Fuse 4 on fuse holder B
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6c	6-pin connector
T6d	6-pin connector
T8ad	8-pin connector
T9	9-pin connector
T20c	20-pin connector
T40	40-pin connector
T52a	52-pin connector
T52b	52-pin connector
WX3	Front roof module
Y7	Automatic anti-dazzle interior mirror
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B182	Connection (RL), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

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*	Up to October 2012
*2	Only models with main beam assist
*3	From November 2012
*4	Only models with no main beam assist function
*5	According to equipment

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Voltage stabiliser, Relay for automatic anti-dazzle interior mirror, Automatic anti-dazzle interior mirror

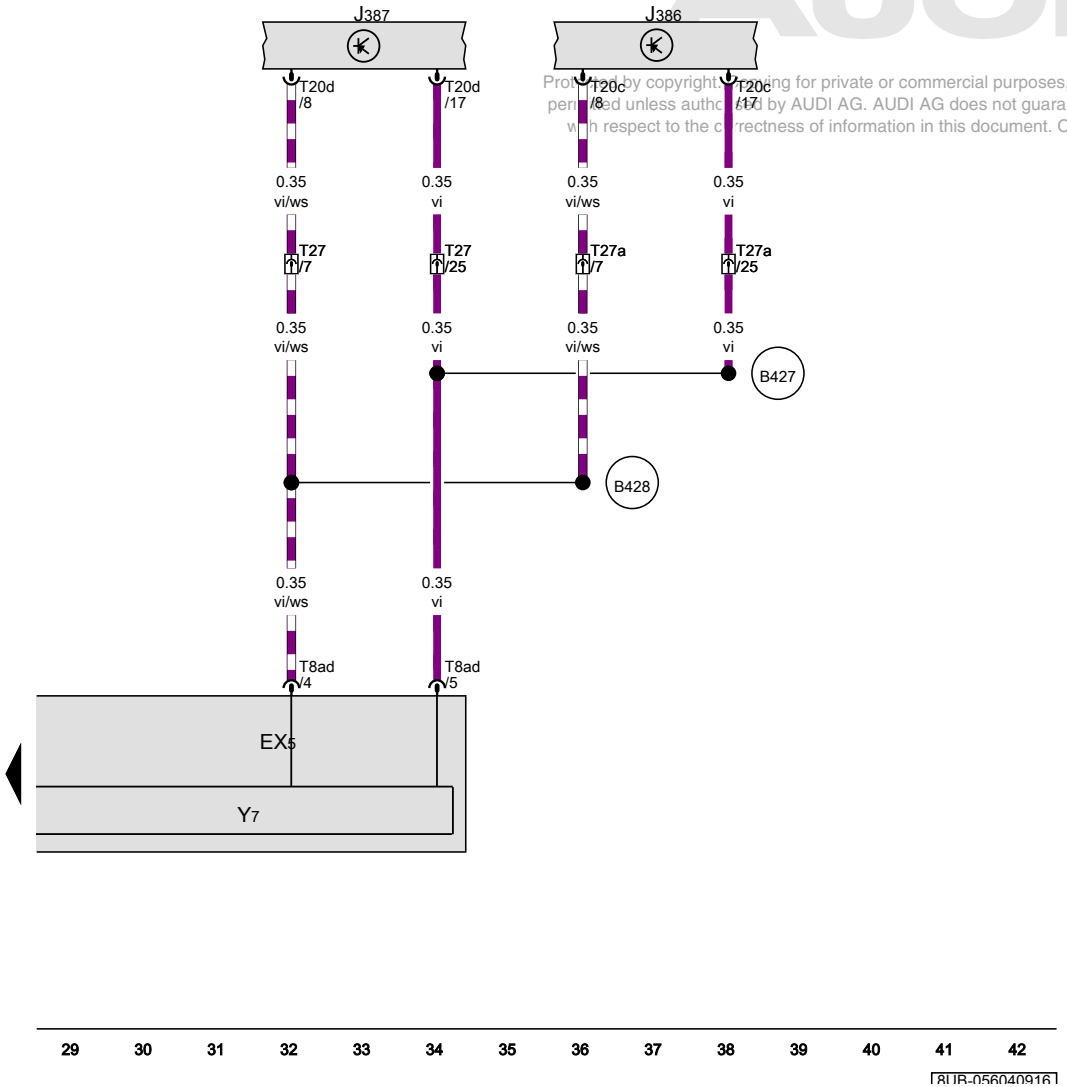
EX5	Interior mirror
G355	Humidity sender
G397	Rain and light sensor
J532	Voltage stabiliser
J910	Relay for automatic anti-dazzle interior mirror
SC13	Fuse 13 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC33	Fuse 33 on fuse holder C
T1	1-pin connector
T3f	3-pin connector
T5ab	5-pin connector
T8ad	8-pin connector
T12d	12-pin connector
Y7	Automatic anti-dazzle interior mirror
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for battery
*3	According to equipment
*4	see applicable current flow diagram for basic equipment
*5	Cross section depends on equipment
*6	Only models with no start/stop system

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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
T8ad	8-pin connector
T20c	20-pin connector
T20d	20-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, in right A-pillar, on right A-pillar
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness

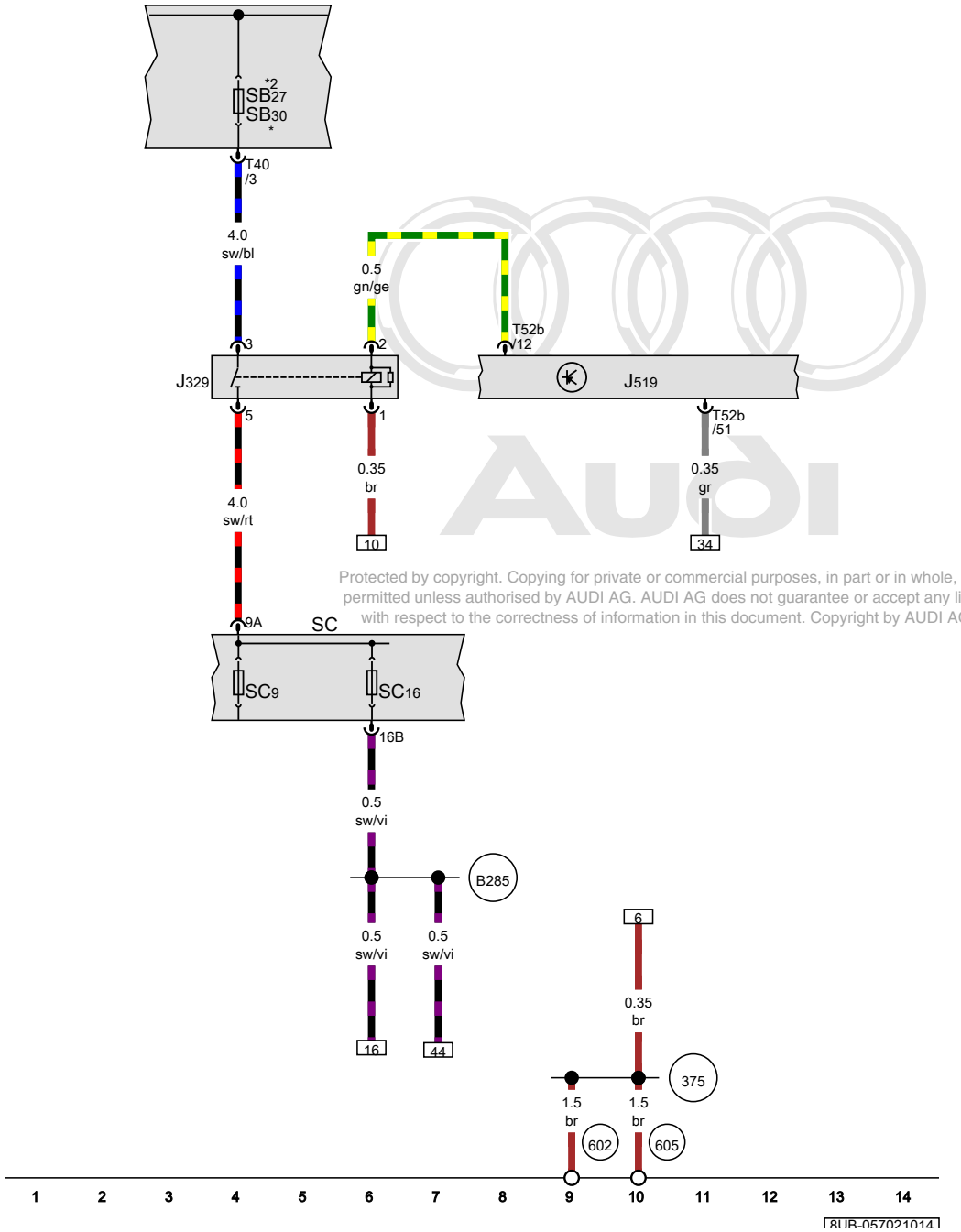


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Lane change assist for RHD vehicles

From August 2011

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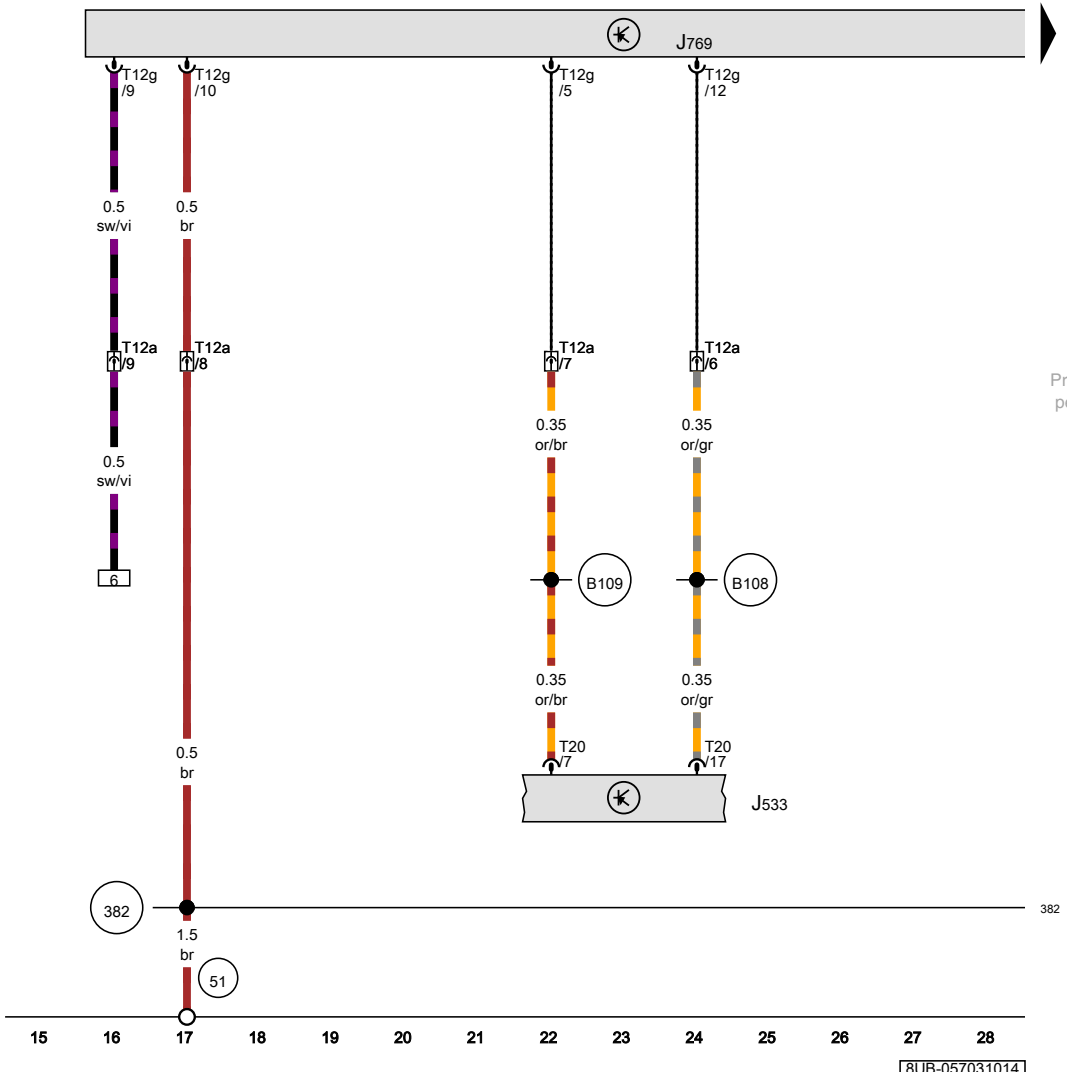
Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness
*	Up to October 2012
*2	From November 2012

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Data bus diagnostic interface, Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness

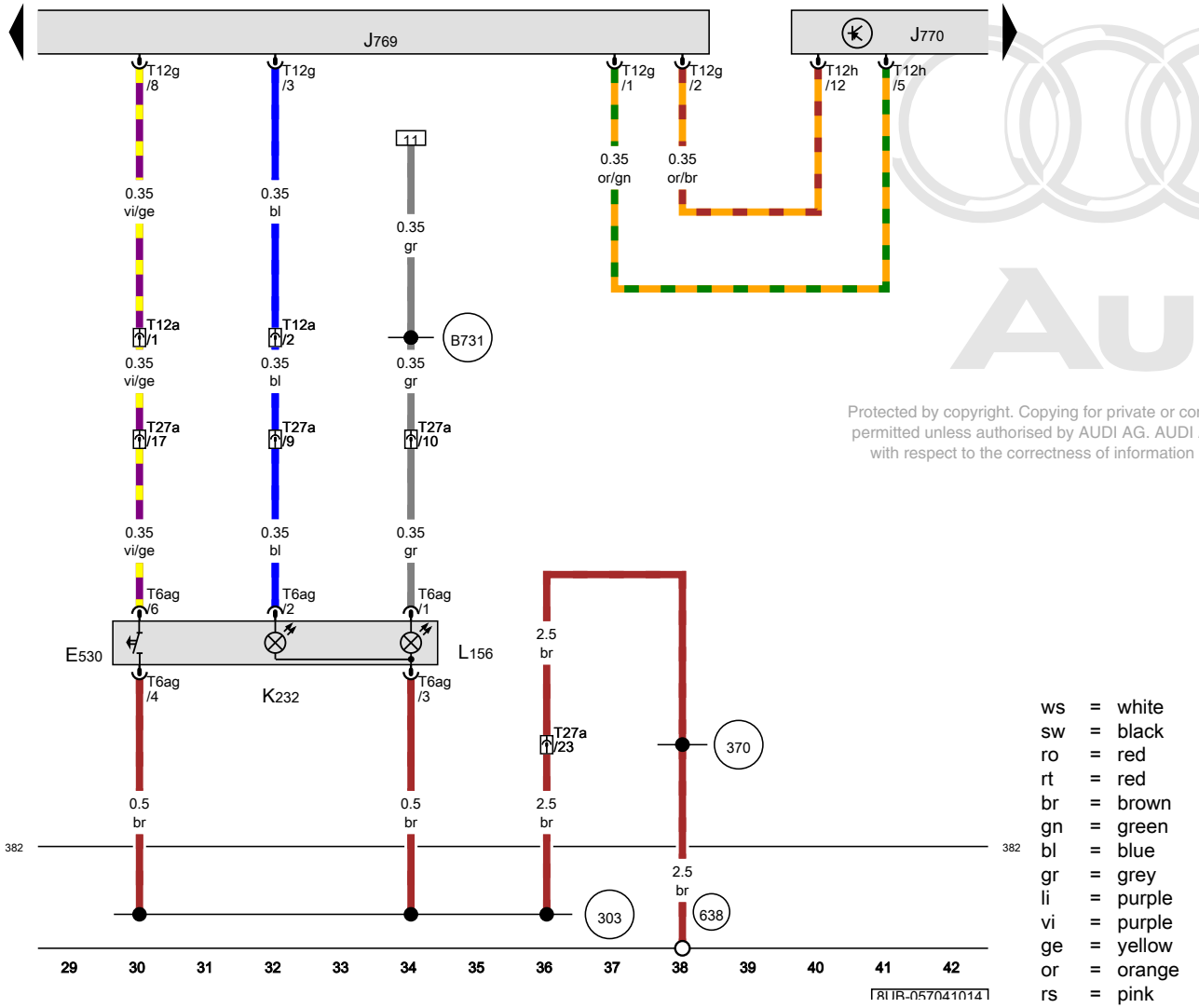


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Button for lane change assist, Lane change assist control unit, Lane change assist control unit 2

E530	Button for lane change assist
J769	Lane change assist control unit
J770	Lane change assist control unit 2
K232	Lane change assist warning lamp
L156	Switch illumination bulb
T6ag	6-pin connector
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T12h	12-pin connector
T27a	27-pin connector, on right A-pillar
303	Earth connection 3, in drive side door wiring harness
370	Earth connection 5, in main wiring harness
382	Earth connection 17, in main wiring harness
638	Earth point, on right A-pillar
B731	Connection 1 (58s), in main wiring harness



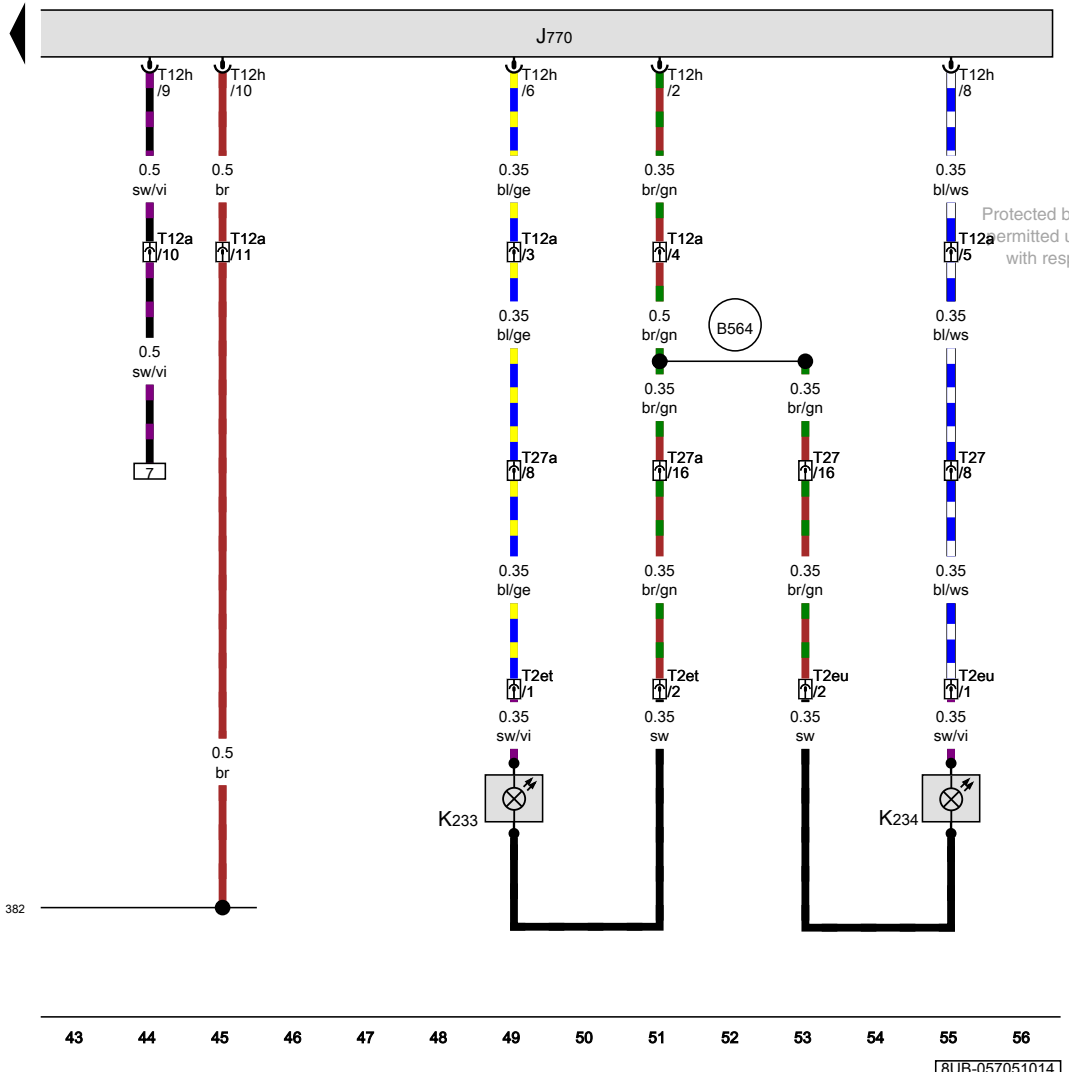
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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror

J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in front passenger side exterior mirror
T2et	2-pin connector
T2eu	2-pin connector
T12a	12-pin connector, in rear bumper
T12h	12-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
382	Earth connection 17, in main wiring harness
B564	Connection 31, in main wiring harness

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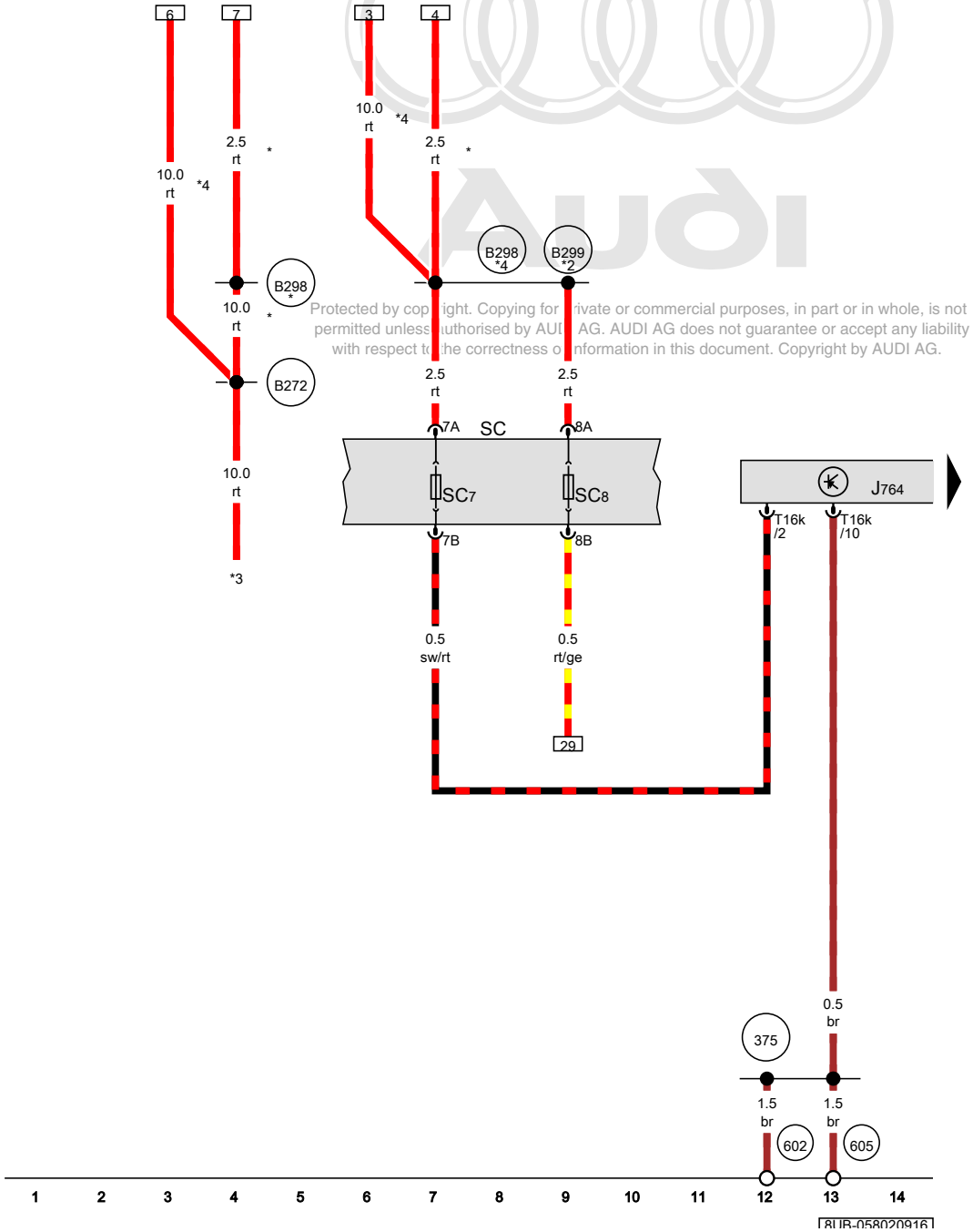


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Entry and start authorisation for RHD vehicles , (4F2),(4I3),(L0R)

From August 2011

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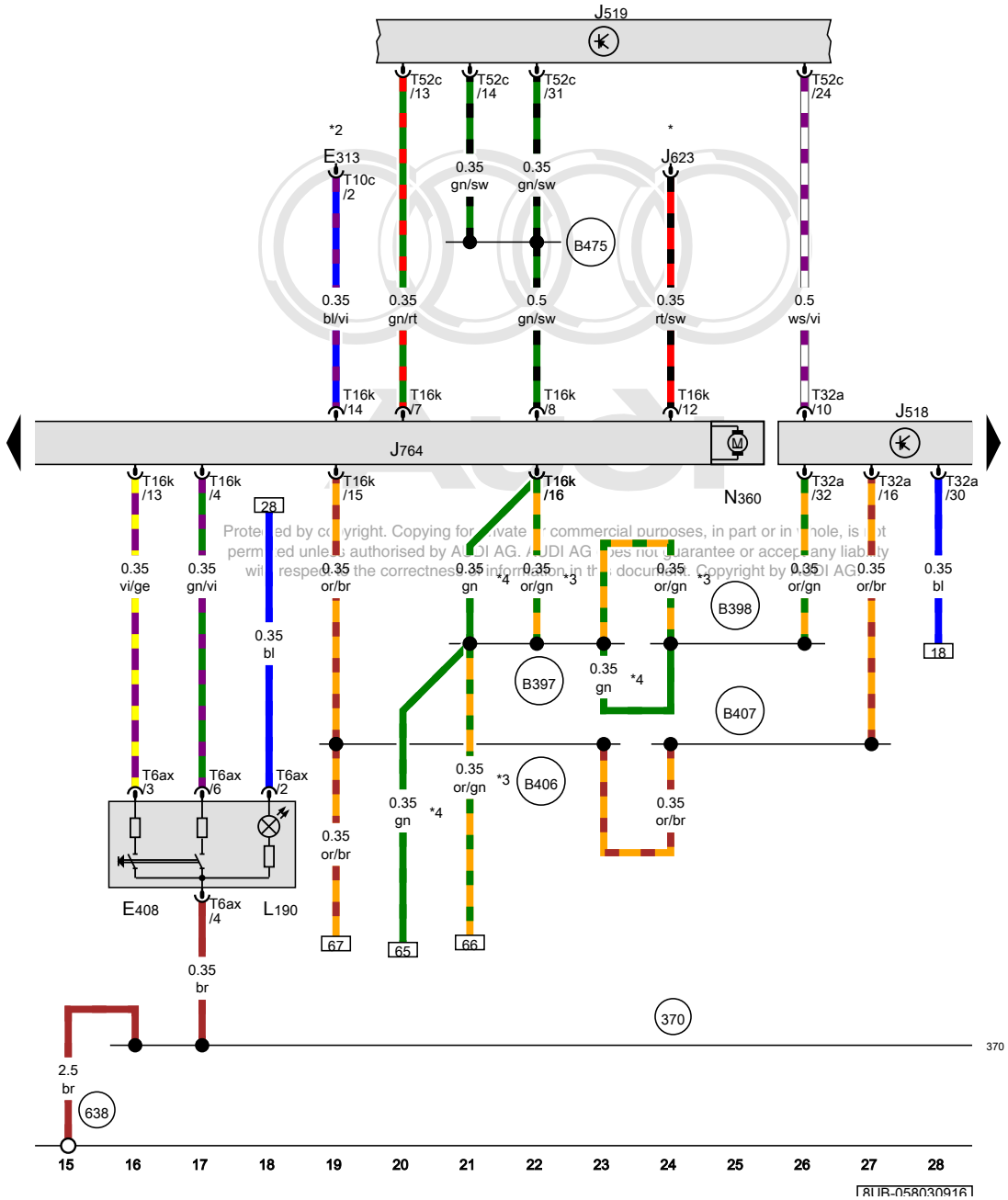


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Control unit for electronic steering column lock

J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
T1	1-pin connector
T16k	16-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B299	Positive connection 3 (30), in main wiring harness
*	Gradually discontinued
*2	Up to October 2014
*3	see applicable current flow diagram for battery
*4	From November 2014

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rt	=	red
br	=	brown
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bl	=	blue
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or	=	orange
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Entry and start authorisation button, Entry and start authorisation control unit, Onboard supply control unit, Control unit for electronic steering column lock

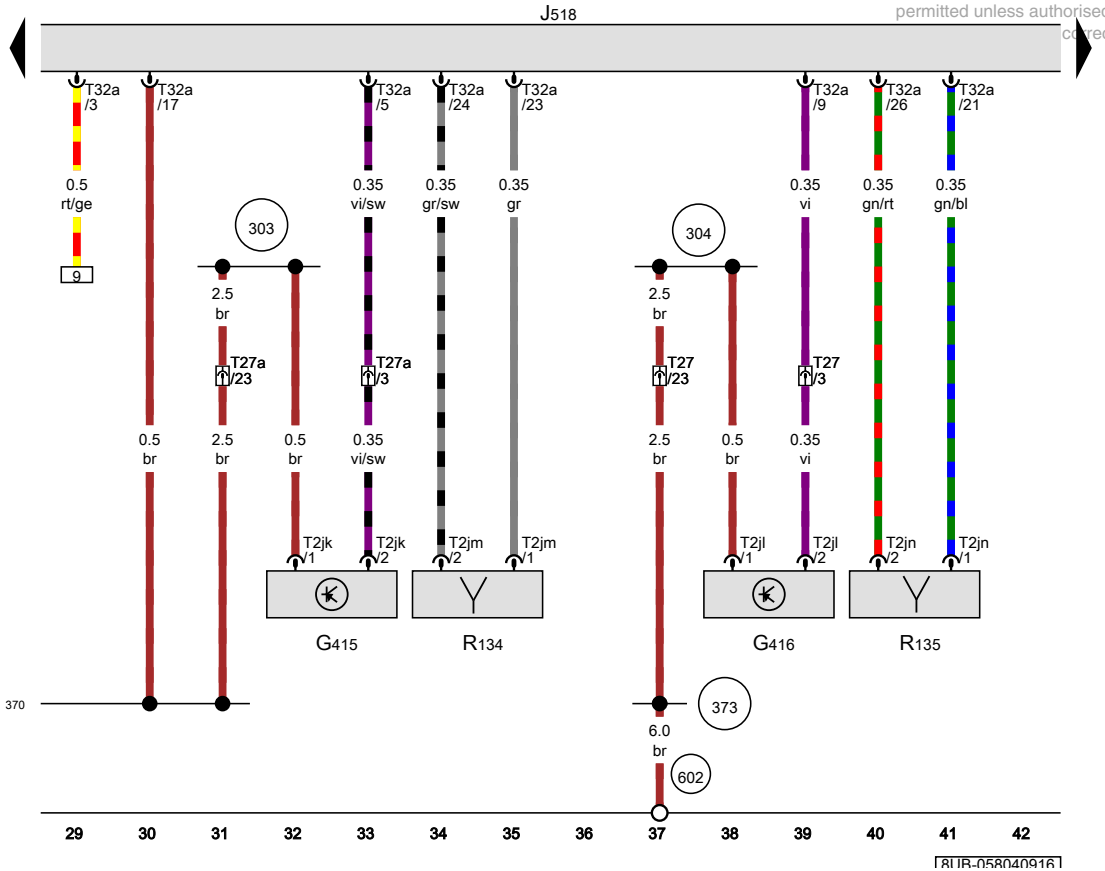
E313	Selector lever
E408	Entry and start authorisation button
J518	Entry and start authorisation control unit
J519	Onboard supply control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
L190	Ignition and starter button illumination bulb
N360	Steering column lock control element
T6ax	6-pin connector
T10c	10-pin connector
T16k	16-pin connector
T32a	32-pin connector
T52c	52-pin connector
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	see applicable current flow diagram for engine
*2	see applicable current flow diagram for automatic gearbox
*3	Up to October 2016
*4	From November 2016

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Driver door exterior handle contact sensor, Front passenger door exterior handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system

G415	Driver door exterior handle contact sensor
G416	Front passenger door exterior handle contact sensor
J518	Entry and start authorisation control unit
R134	Driver side aerial for entry and start system
R135	Passenger side aerial for entry and start system
T2jk	2-pin connector
T2jl	2-pin connector
T2jm	2-pin connector
T2jn	2-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
T32a	32-pin connector
303	Earth connection 3, in drive side door wiring harness
304	Earth connection 3, in front passenger side door wiring harness
370	Earth connection 5, in main wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell

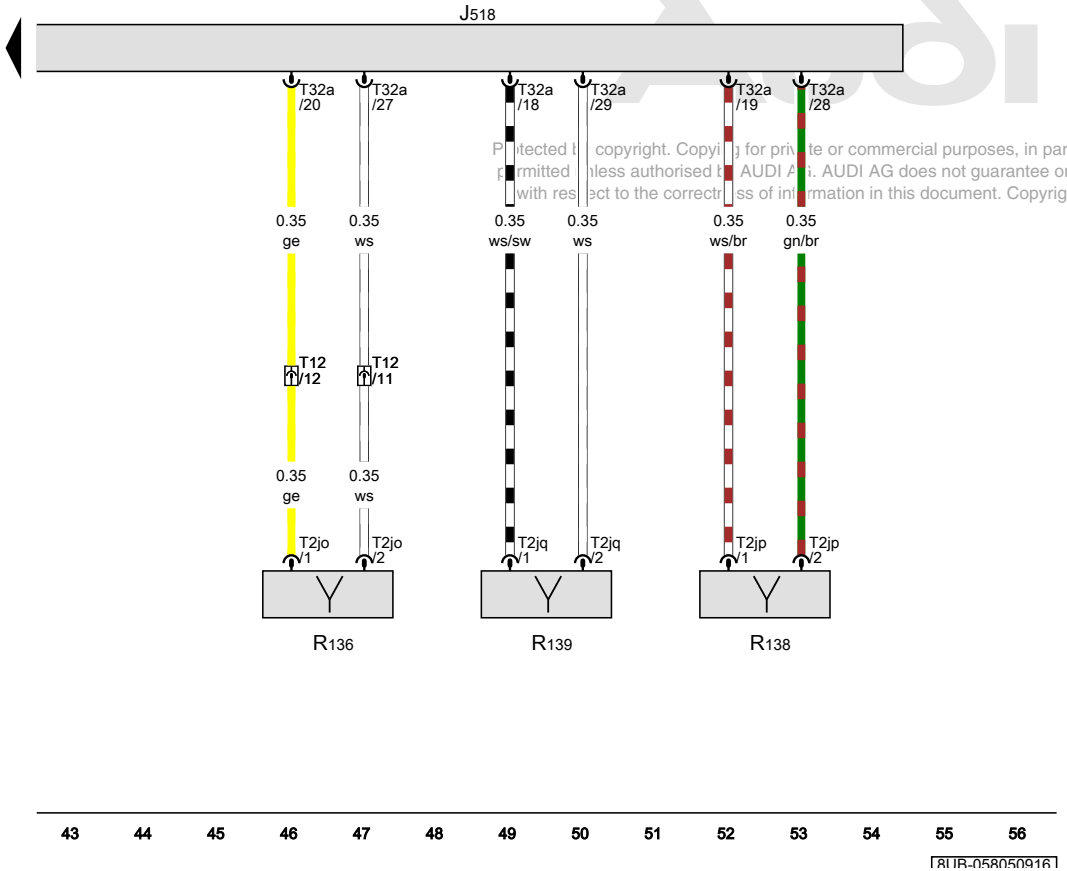
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Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

J518	Entry and start authorisation control unit
R136	Rear bumper aerial for entry and start system
R138	Interior aerial 1 for entry and start system
R139	Interior aerial 2 for entry and start system
T2jo	2-pin connector
T2jp	2-pin connector
T2jq	2-pin connector
T12	12-pin connector, in rear bumper
T32a	32-pin connector

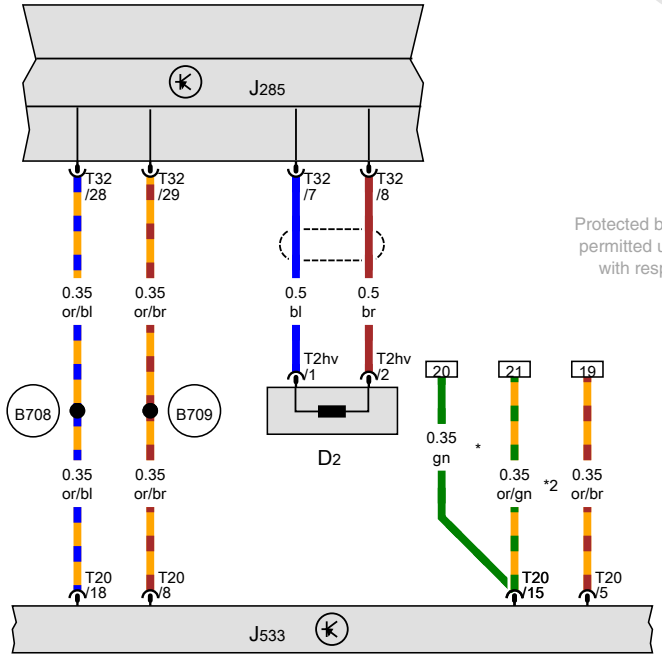


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Immobiliser reader coil, Control unit in dash panel insert, Data bus diagnostic interface

D2	Immobiliser reader coil
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
T2hv	2-pin connector
T20	20-pin connector
T32	32-pin connector
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	From November 2016
*2	Up to October 2016



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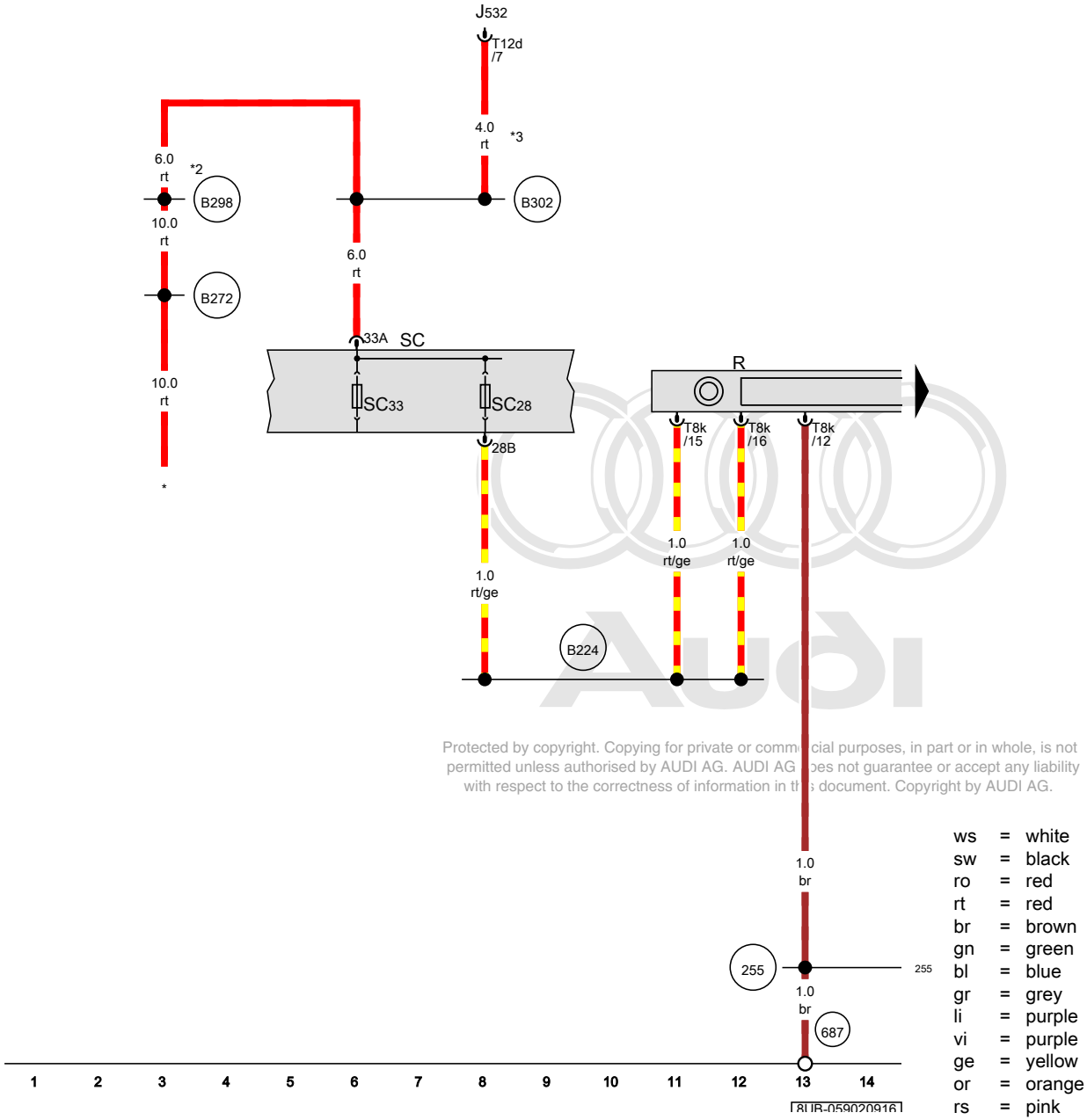
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Radio chorus for RHD vehicles , (8UA),(L0R)

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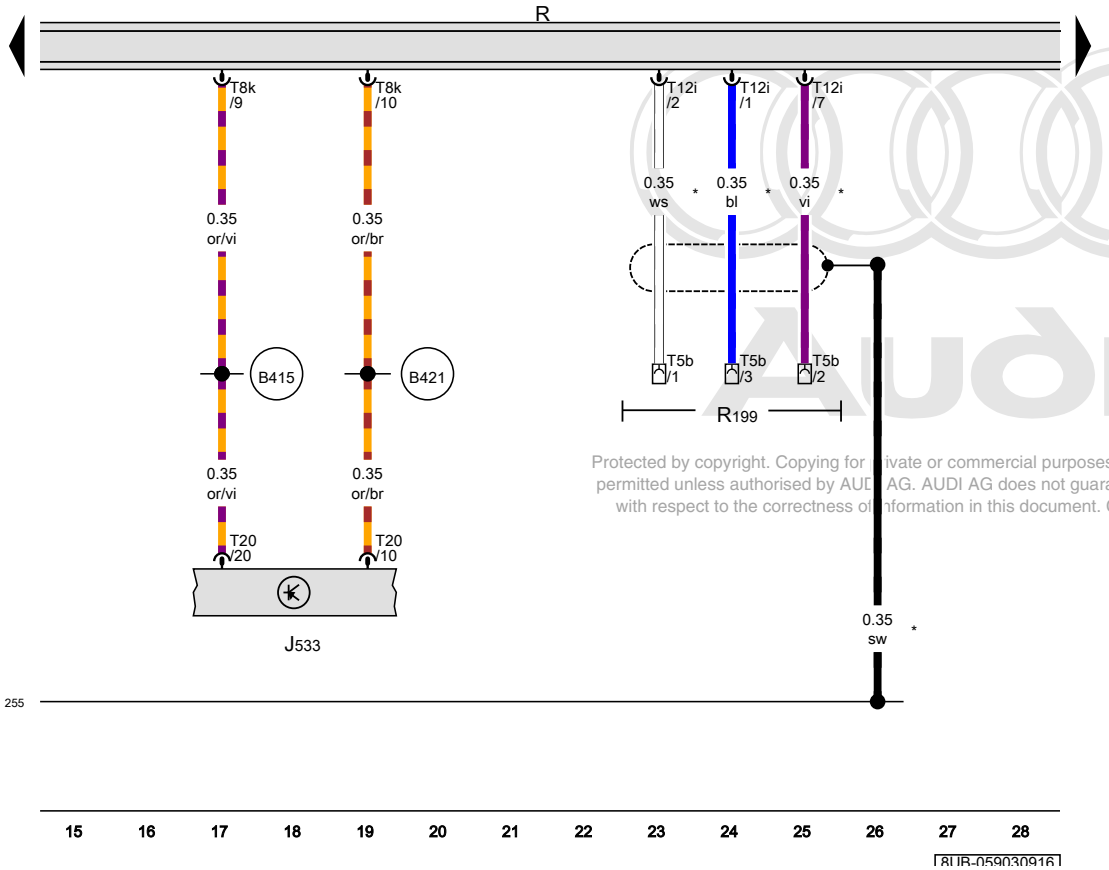
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Radio, Fuse holder C

J532	Voltage stabiliser
R	Radio
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC33	Fuse 33 on fuse holder C
T8k	8-pin connector
T12d	12-pin connector
255	Earth connection 1, in radio wiring harness
687	Earth point 1, on centre tunnel
B224	Connection 1 (radio), in interior wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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

J533	Data bus diagnostic interface
R	Radio
R199	Connection for external audio sources
T5b	5-pin connector
T8k	8-pin connector
T12i	12-pin connector
T20	20-pin connector
255	Earth connection 1, in radio wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	Only models with connection for external audio sources - AUX-IN socket

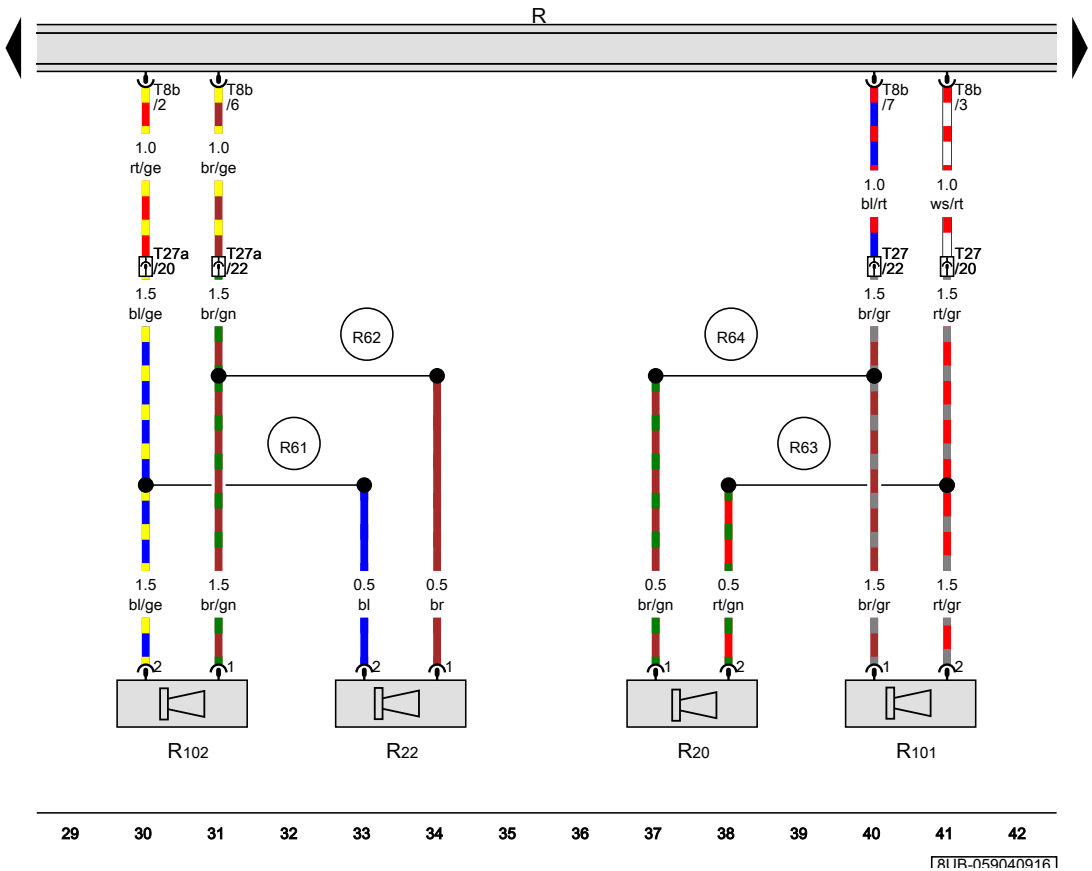


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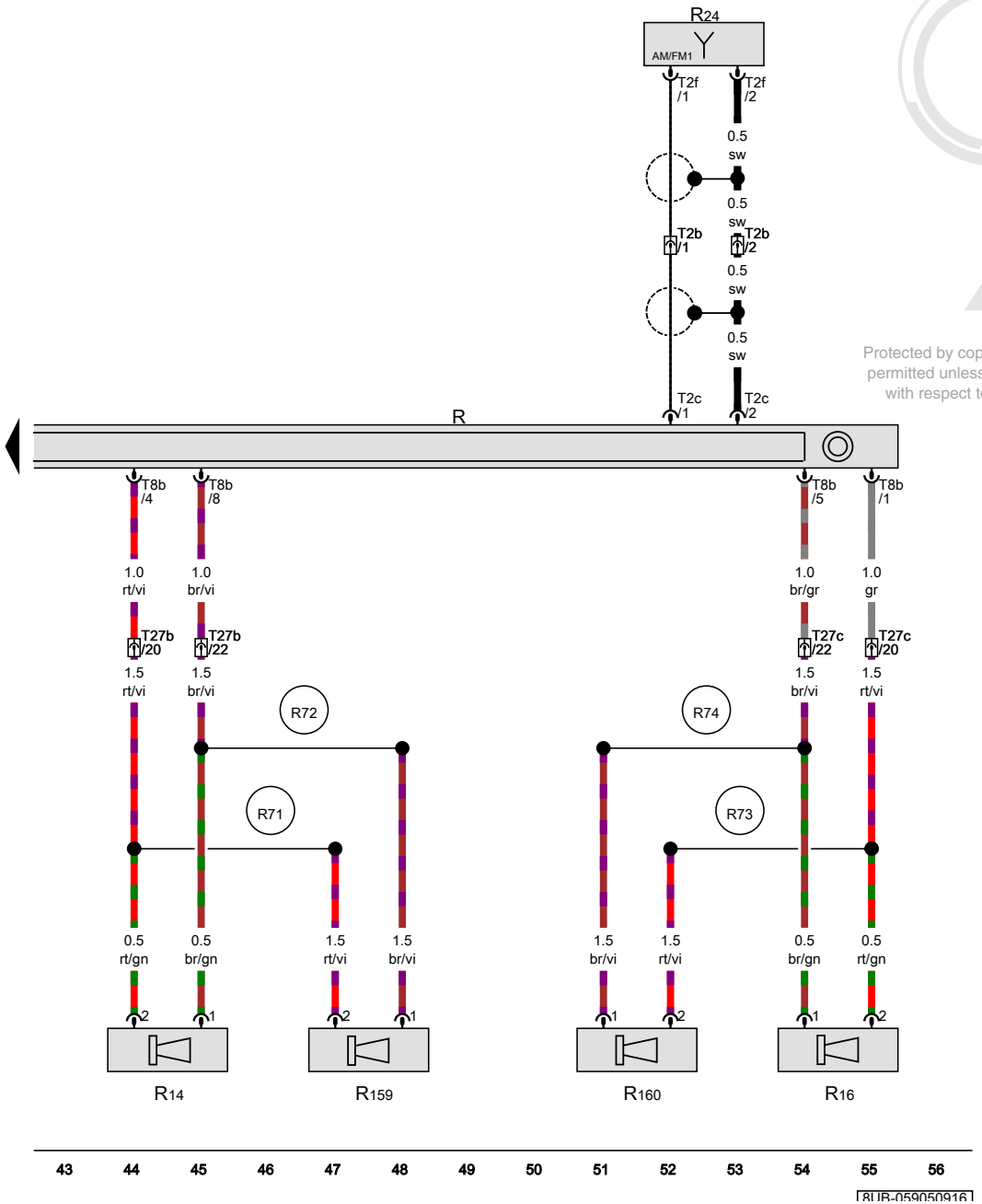
Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

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
T8b	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness



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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier, 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
R24	Aerial amplifier
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T2b	2-pin connector, Coupling point for rear lid
T2c	2-pin connector
T2f	2-pin connector
T8b	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness

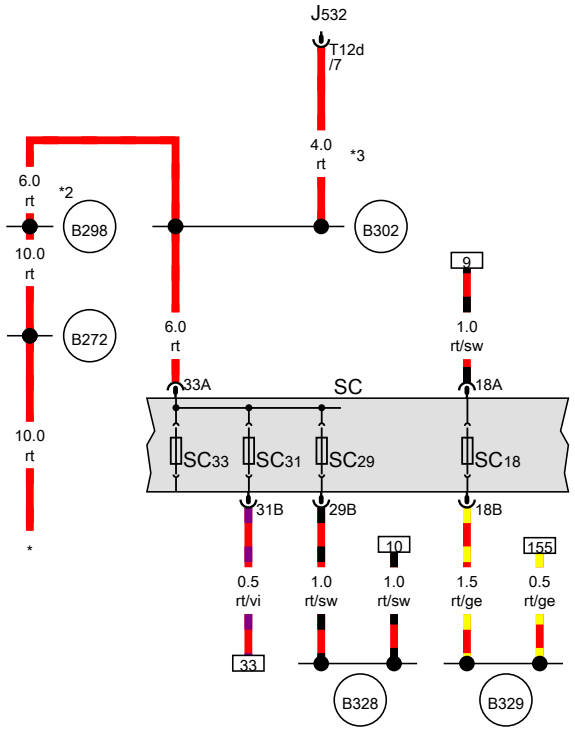
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Radio concert (CAN bus) for RHD vehicles , (8AL),(L0R)

From August 2011

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Fuse holder C

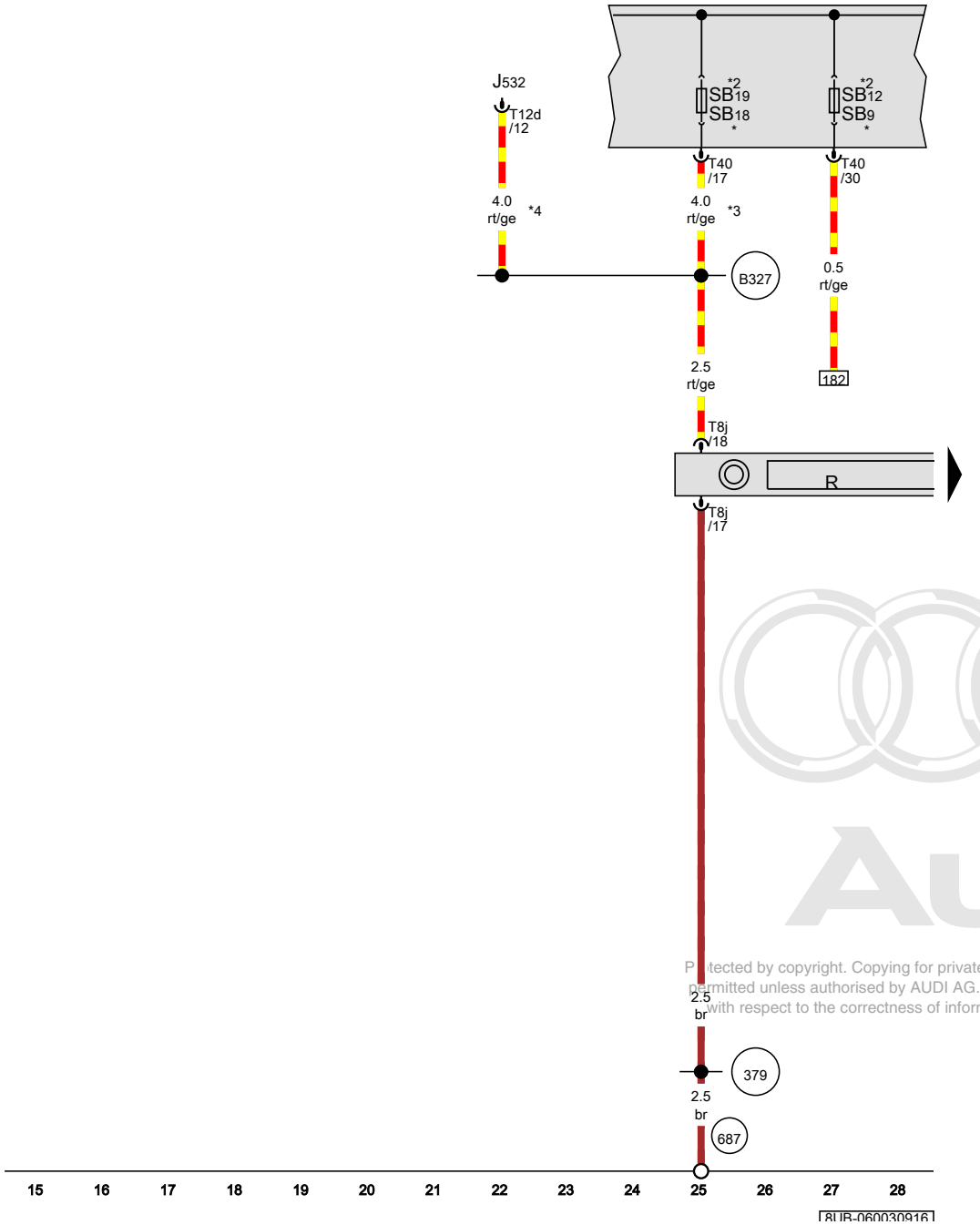
J532	Voltage stabiliser
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T12d	12-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	Only models with no start/stop system
*3	Only models with start/stop system

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

8UB-0600209161



Radio

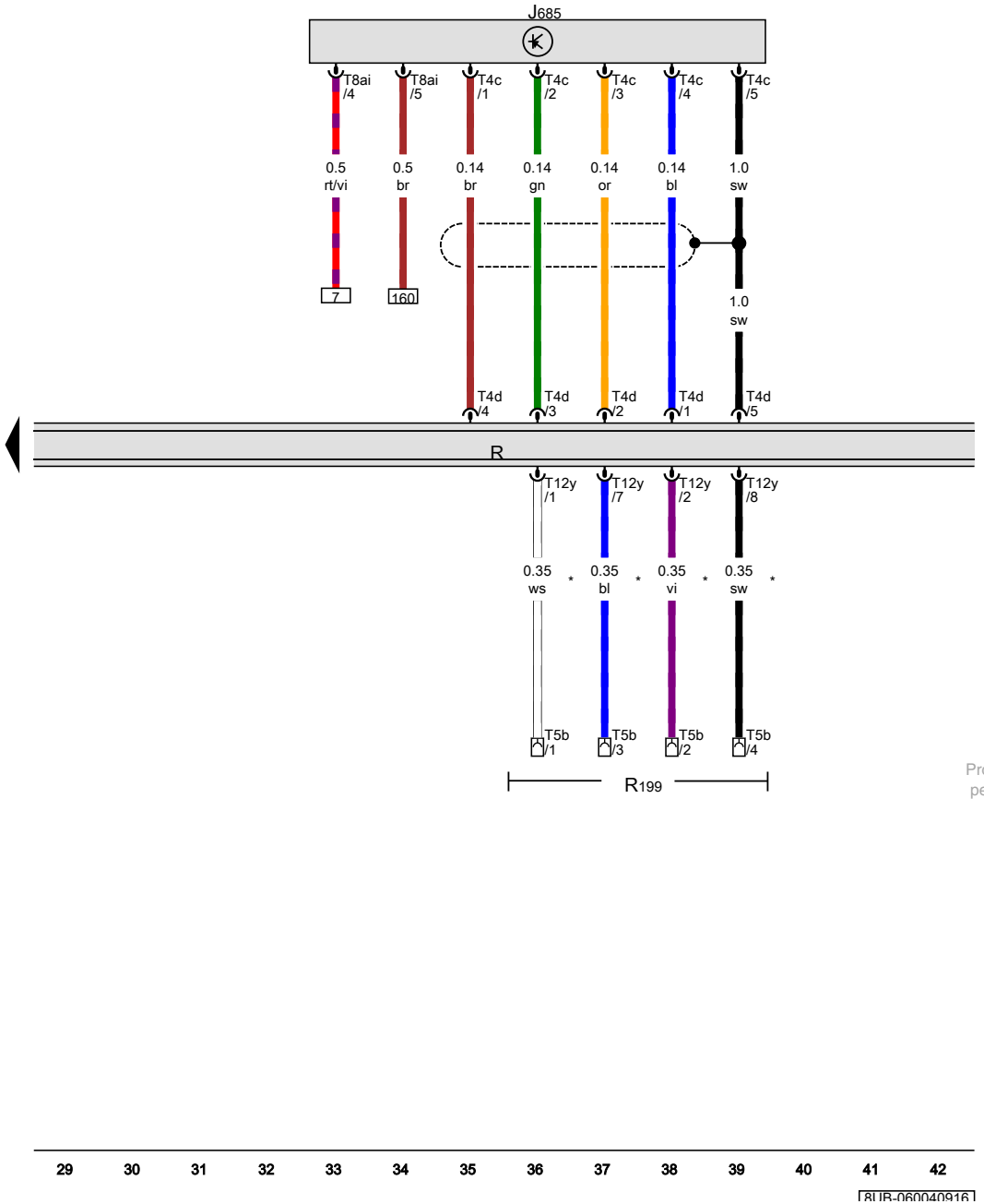
J532	Voltage stabiliser
R	Radio
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
T8j	8-pin connector
T12d	12-pin connector
T40	40-pin connector
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
B327	Positive connection 13 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with no start/stop system
*4	Only models with start/stop system

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Radio, Connection for external audio sources

J685	Display unit for front information display and operating unit control unit
R	Radio
R199	Connection for external audio sources
T4c	4-pin connector
T4d	4-pin connector
T5b	5-pin connector
T8ai	8-pin connector
T12y	12-pin connector
*	Only models with connection for external audio sources - AUX-IN socket

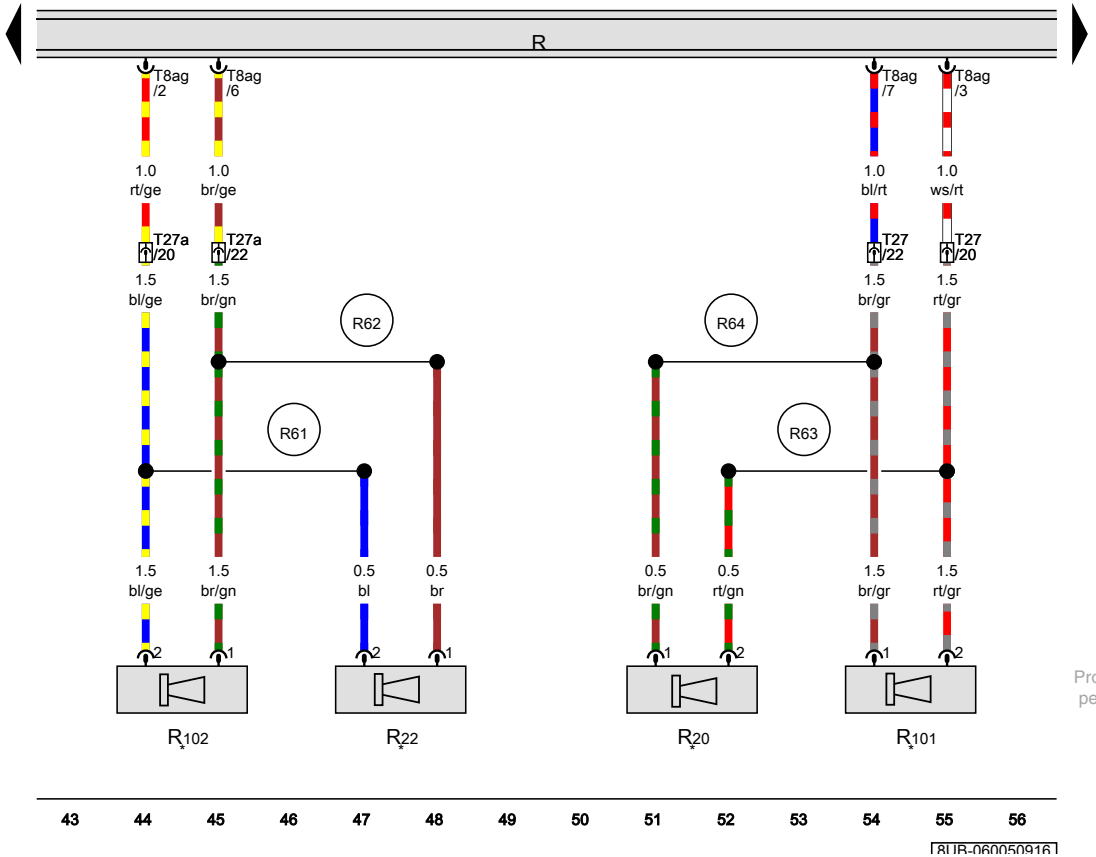


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Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker

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
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with passive loudspeakers

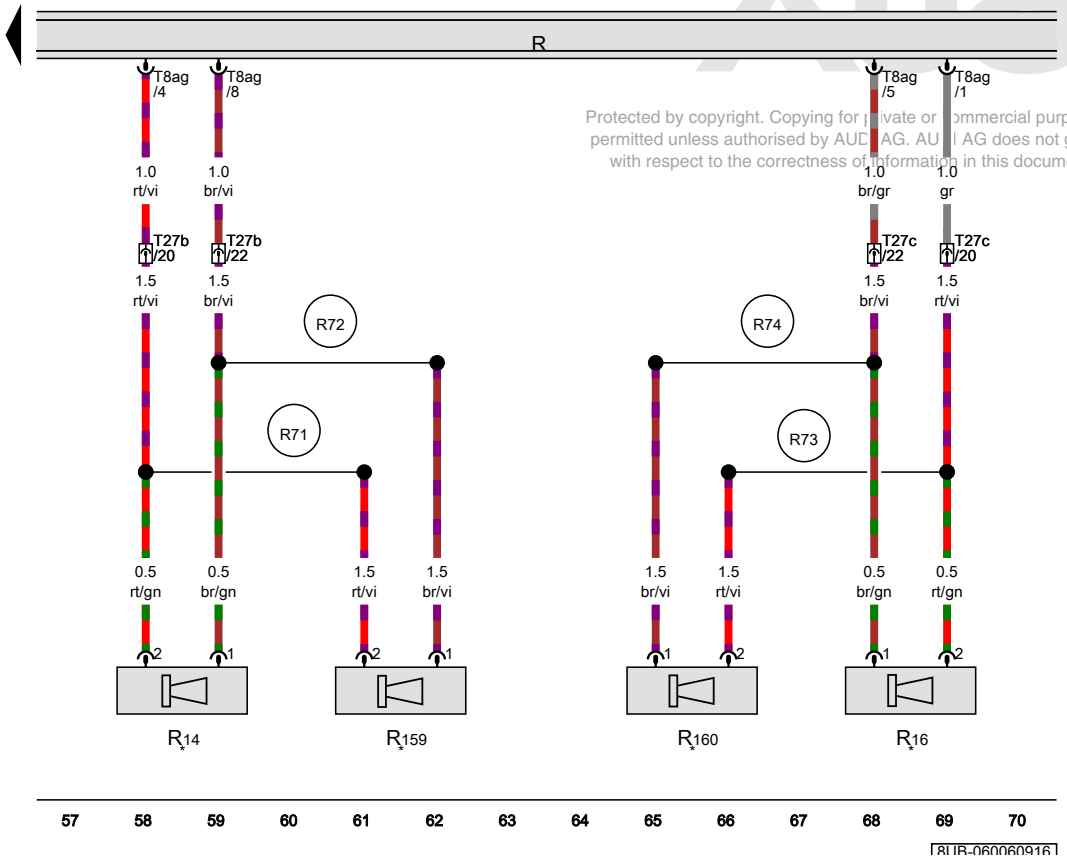


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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

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, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers

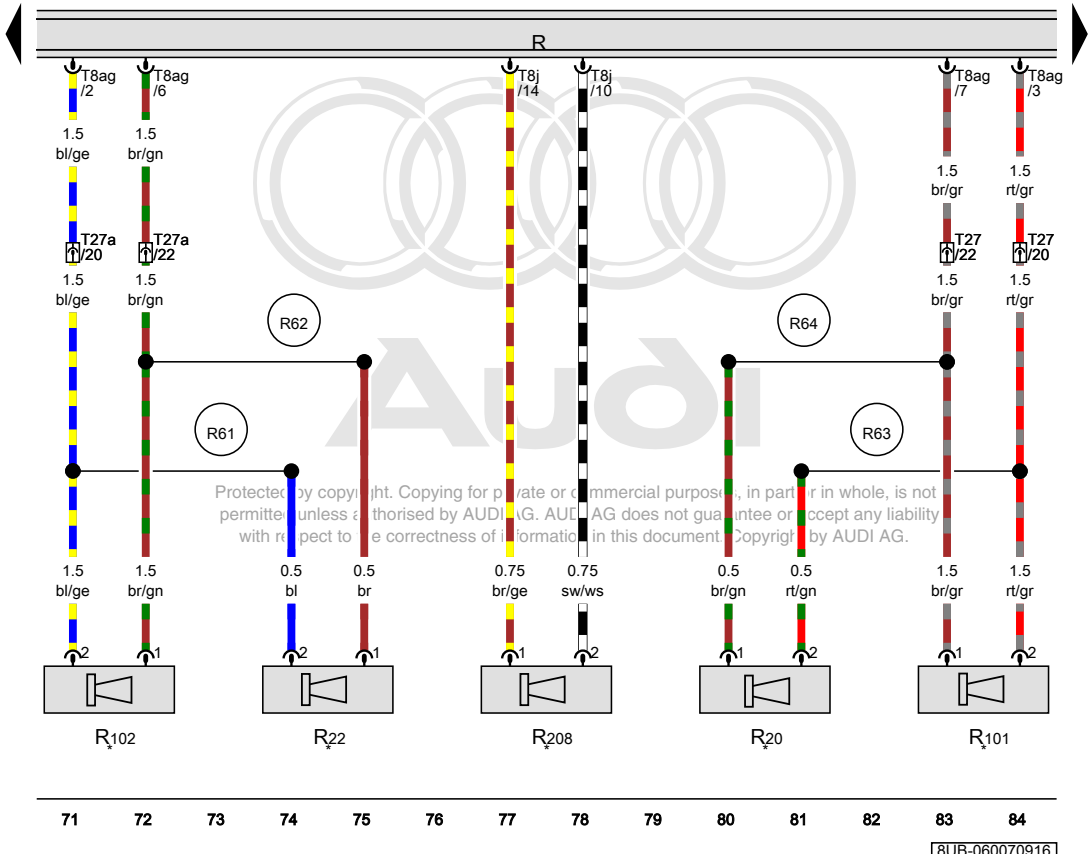


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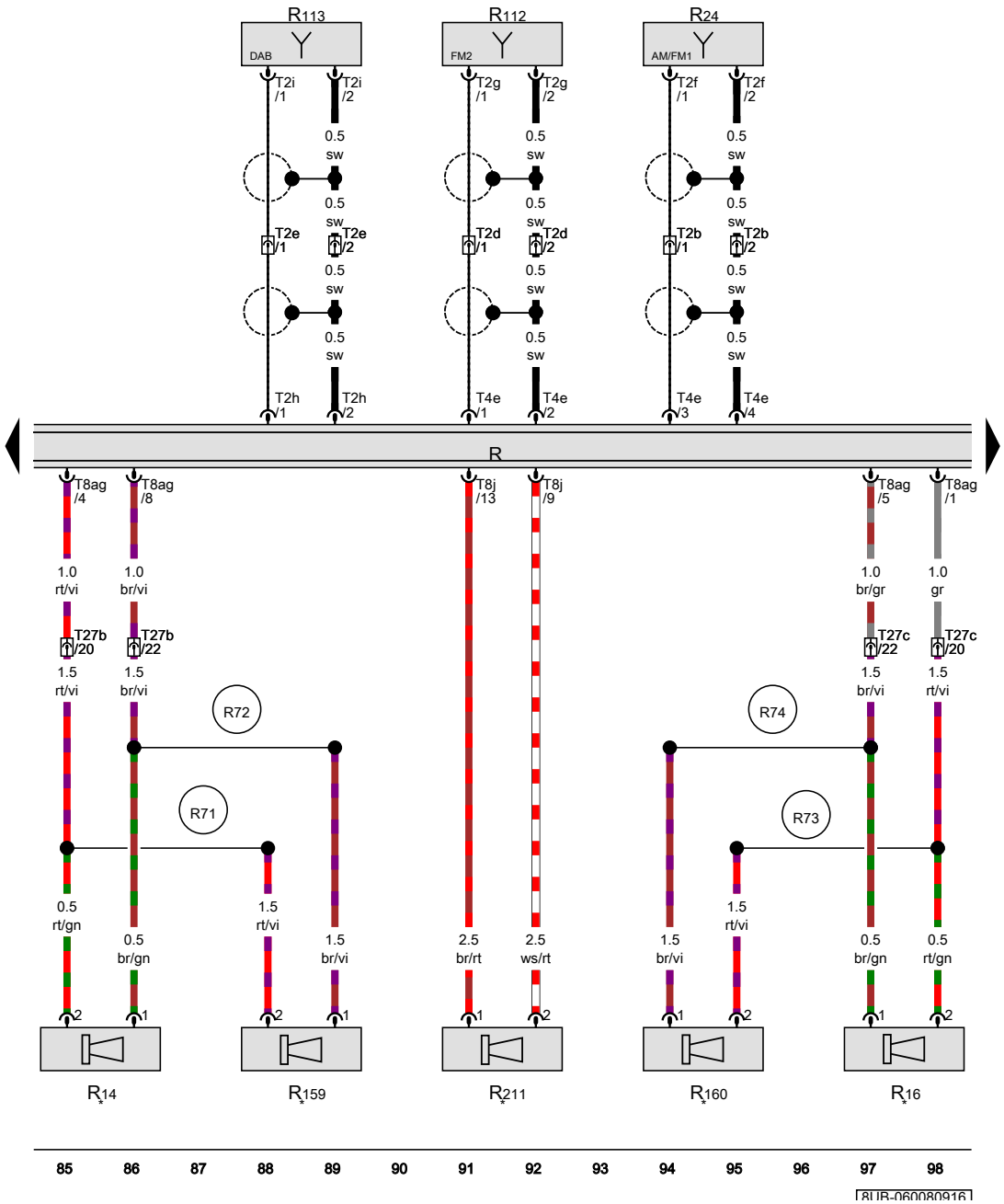
Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker, Centre loudspeaker

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
R208	Centre loudspeaker
T8ag	8-pin connector
T8j	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with active loudspeakers



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



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rt = red
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gn = green
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rs = pink

Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

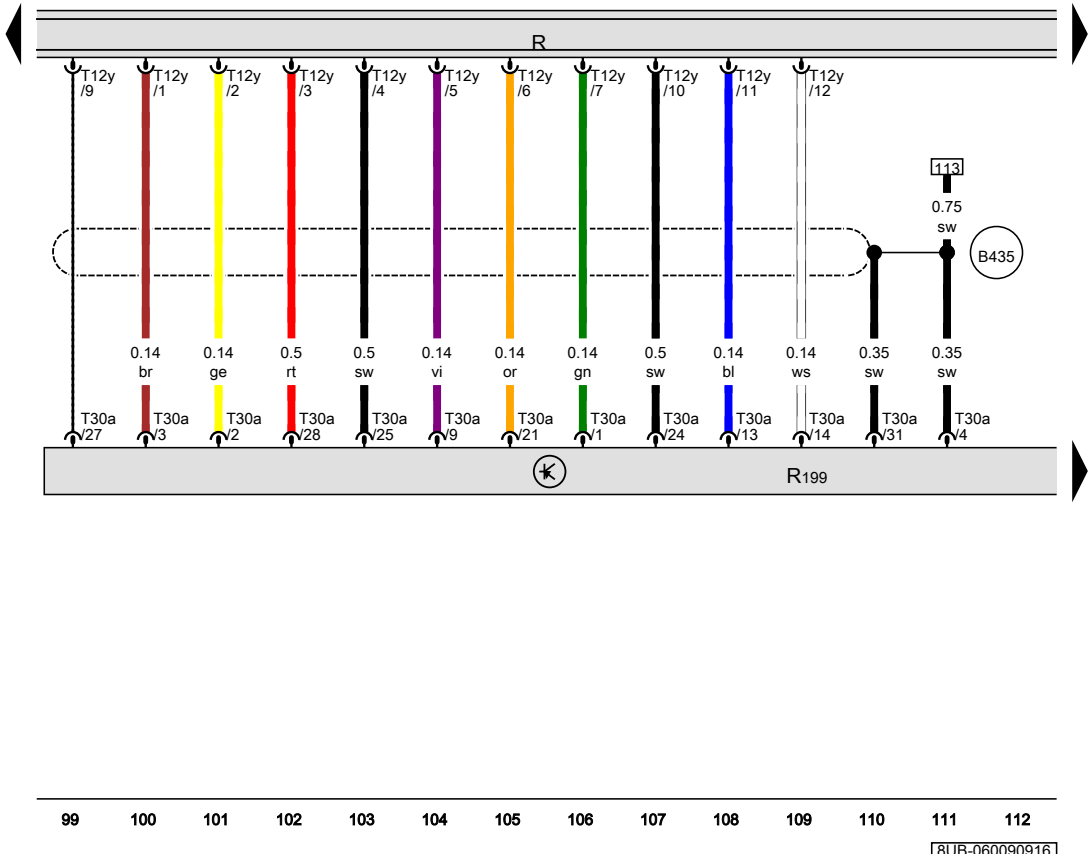
R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R24	Aerial amplifier
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T2b	2-pin connector, Coupling point for rear lid
T2d	2-pin connector, Coupling point for rear lid
T2e	2-pin connector, Coupling point for rear lid
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T4e	4-pin connector
T8ag	8-pin connector
T8j	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers

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Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T12y	12-pin connector
T30a	30-pin connector
B435	Connection 2 (screen), in main wiring harness

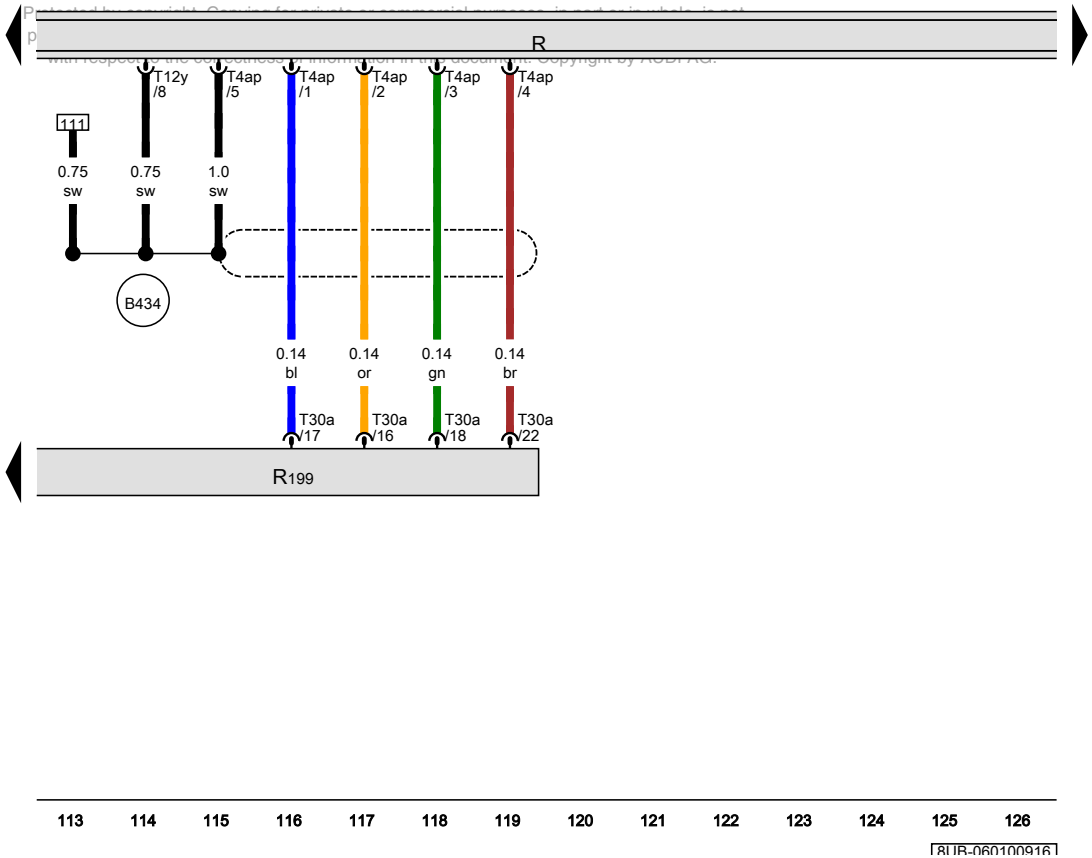
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vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Radio, Connection for external audio sources

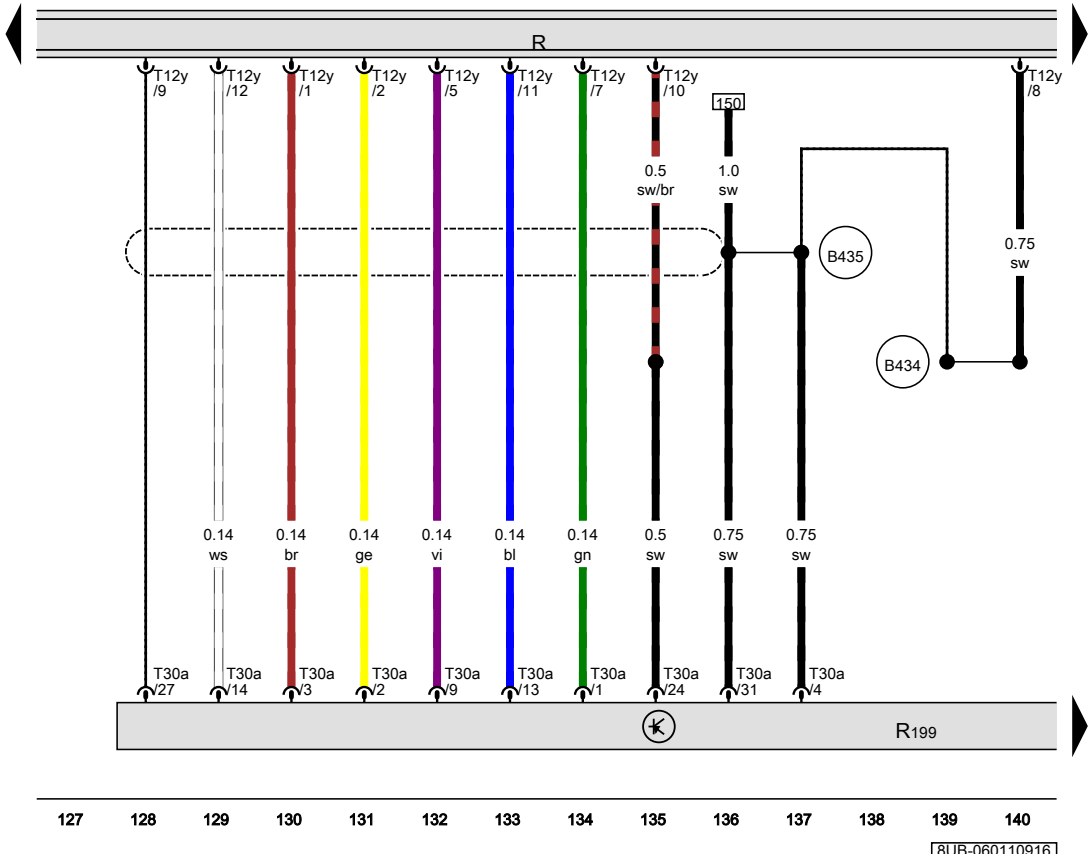
R	Radio
R199	Connection for external audio sources
T4ap	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness



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sw	=	black
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vi	=	purple
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rs	=	pink

Radio, Connection for external audio sources

R	Radio
R199	Connection for external audio sources
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
B435	Connection 2 (screen), in main wiring harness

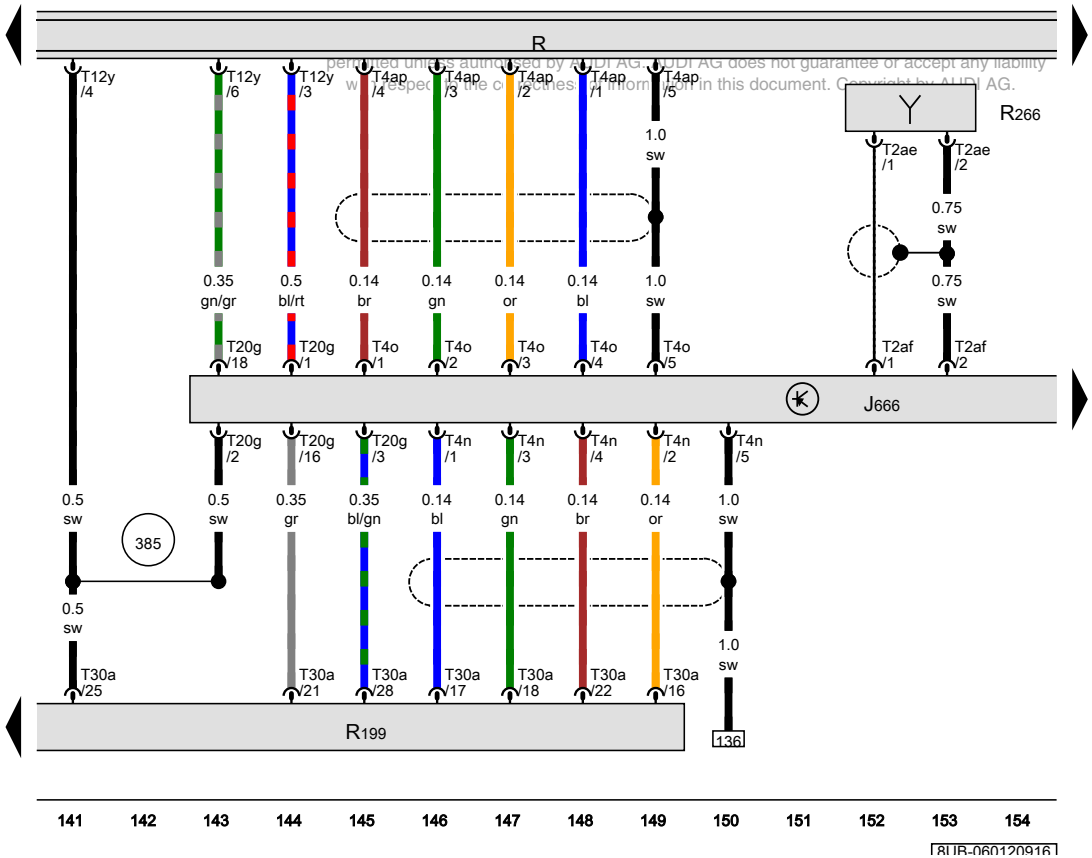


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Internet access control unit, Radio, Connection for external audio sources, Internet access aerial

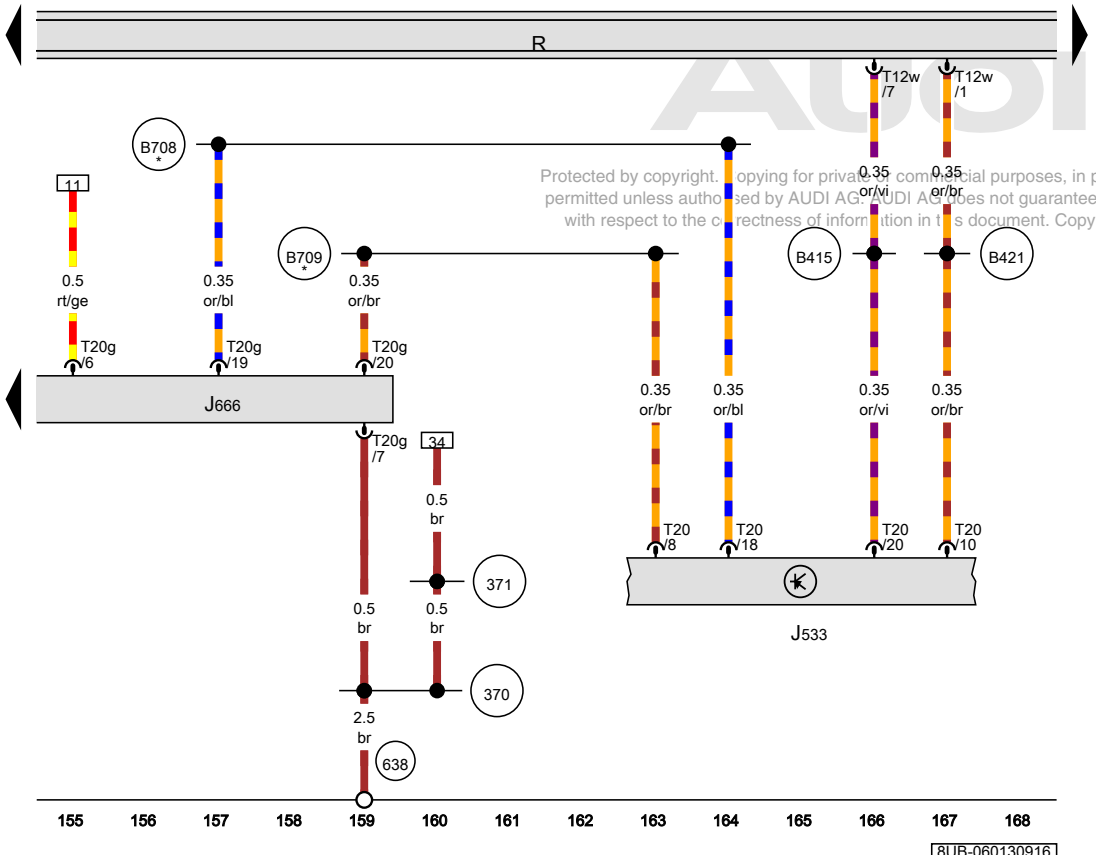
J666	Internet access control unit
R	Radio
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector
T2af	2-pin connector
T4ap	4-pin connector
T4n	4-pin connector
T4o	4-pin connector
T12y	12-pin connector
T20g	20-pin connector
T30a	30-pin connector
385	Earth connection 20, in main wiring harness



ws = white
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ro = red
rt = red
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gr = grey
li = purple
vi = purple
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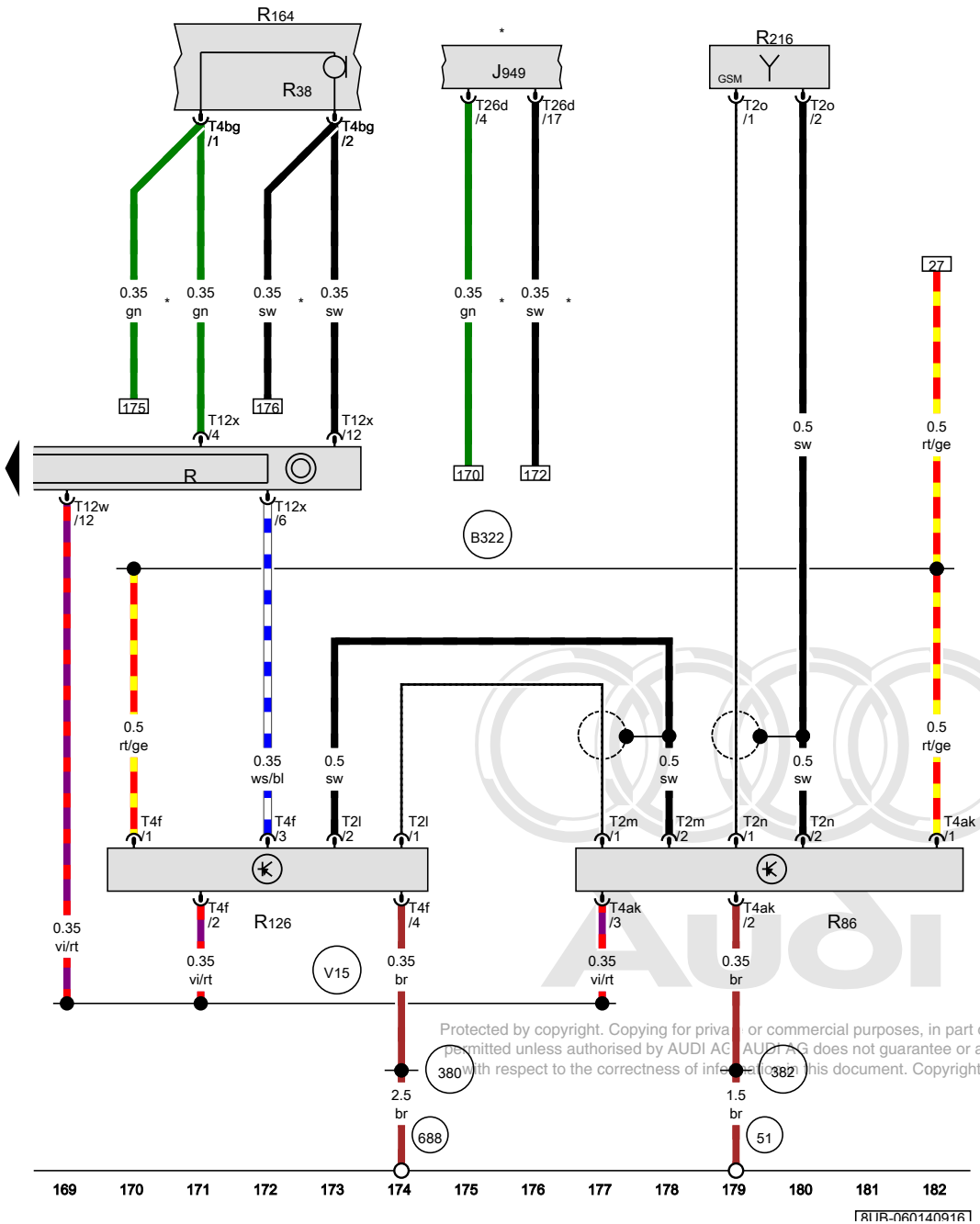
Data bus diagnostic interface, Internet access control unit, Radio

J533	Data bus diagnostic interface
J666	Internet access control unit
R	Radio
T12w	12-pin connector
T20	20-pin connector
T20g	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for data bus network



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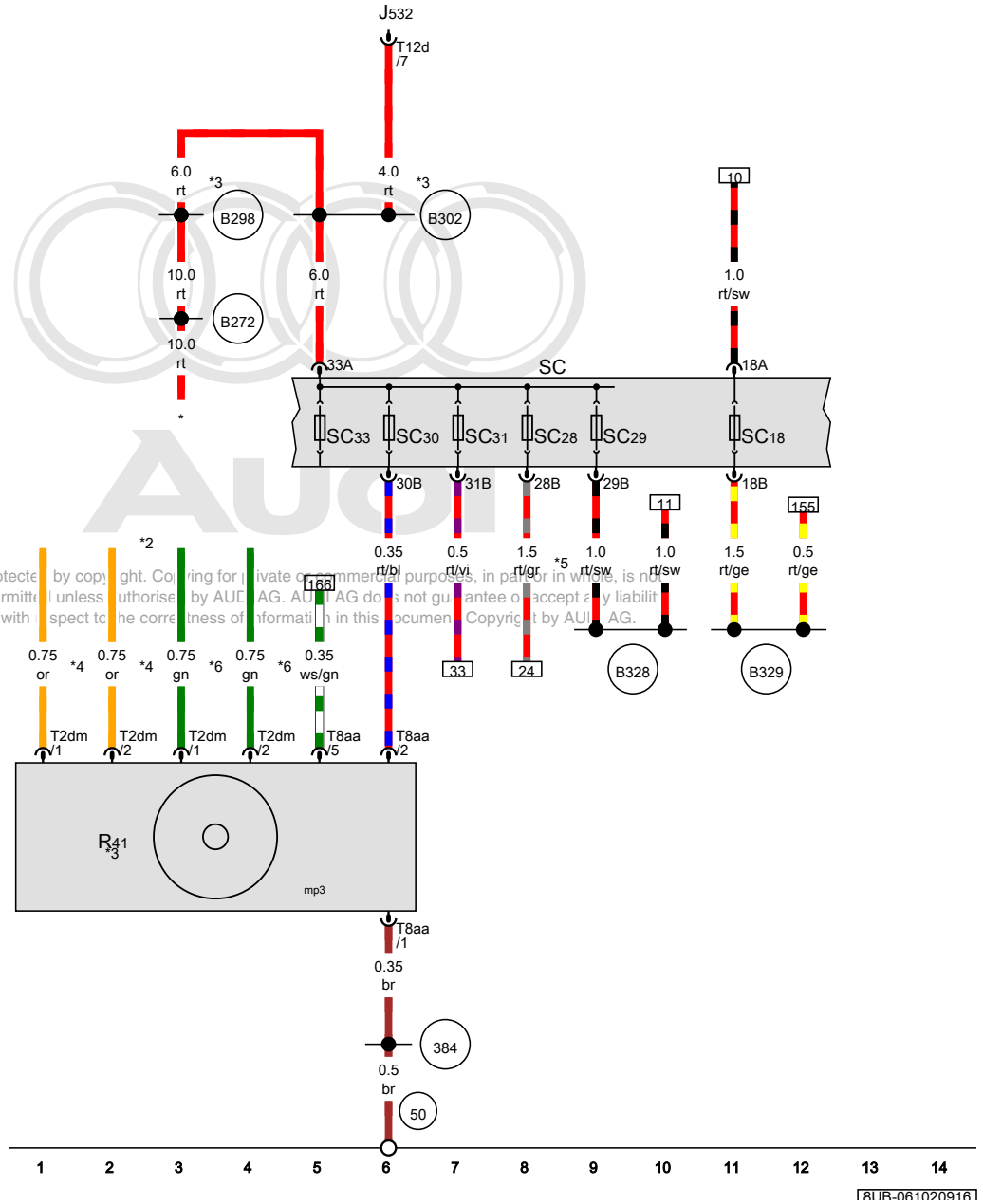
Emergency call module control unit and communication unit, Radio, Aerial amplifier for mobile telephone, Telephone bracket, Microphone unit in front roof module, Roof aerial

J949	Emergency call module control unit and communication unit
R	Radio
R38	Telephone microphone
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R164	Microphone unit in front roof module
R216	Roof aerial
T2l	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T2o	2-pin connector
T4ak	4-pin connector
T4bg	4-pin connector
T4f	4-pin connector
T12w	12-pin connector
T12x	12-pin connector
T26d	26-pin connector, black
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	Only models with emergency call module

Radio concert (MOST bus) for RHD vehicles , (8AL),(L0R)

From August 2011

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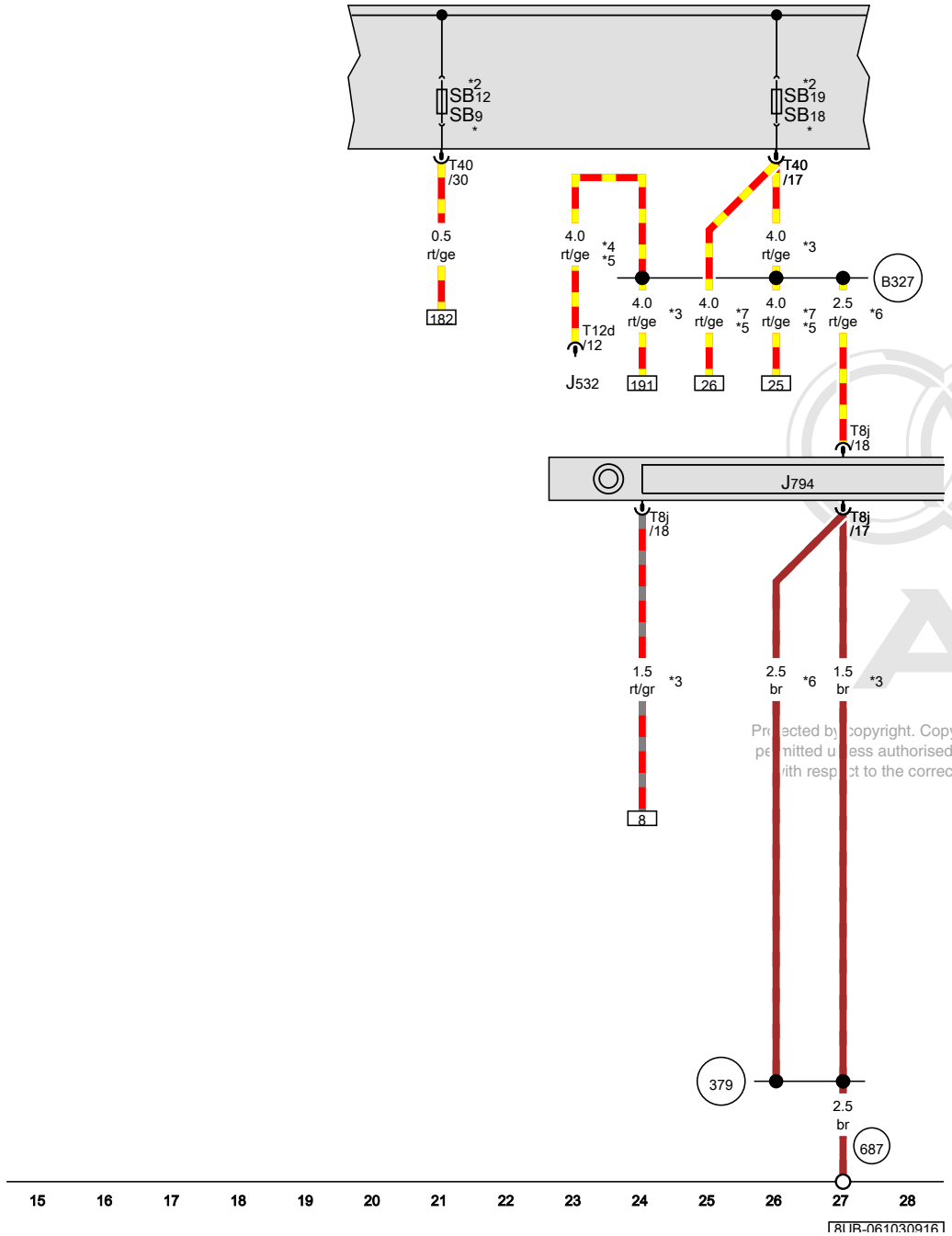


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CD changer, Fuse holder C

J532	Voltage stabiliser
R41	CD changer
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2dm	2-pin connector
T8aa	8-pin connector
T12d	12-pin connector
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	see applicable current flow diagram for infotainment MOST bus
*3	According to equipment
*4	Up to April 2014
*5	Only models with BOSE sound system
*6	From May 2014

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

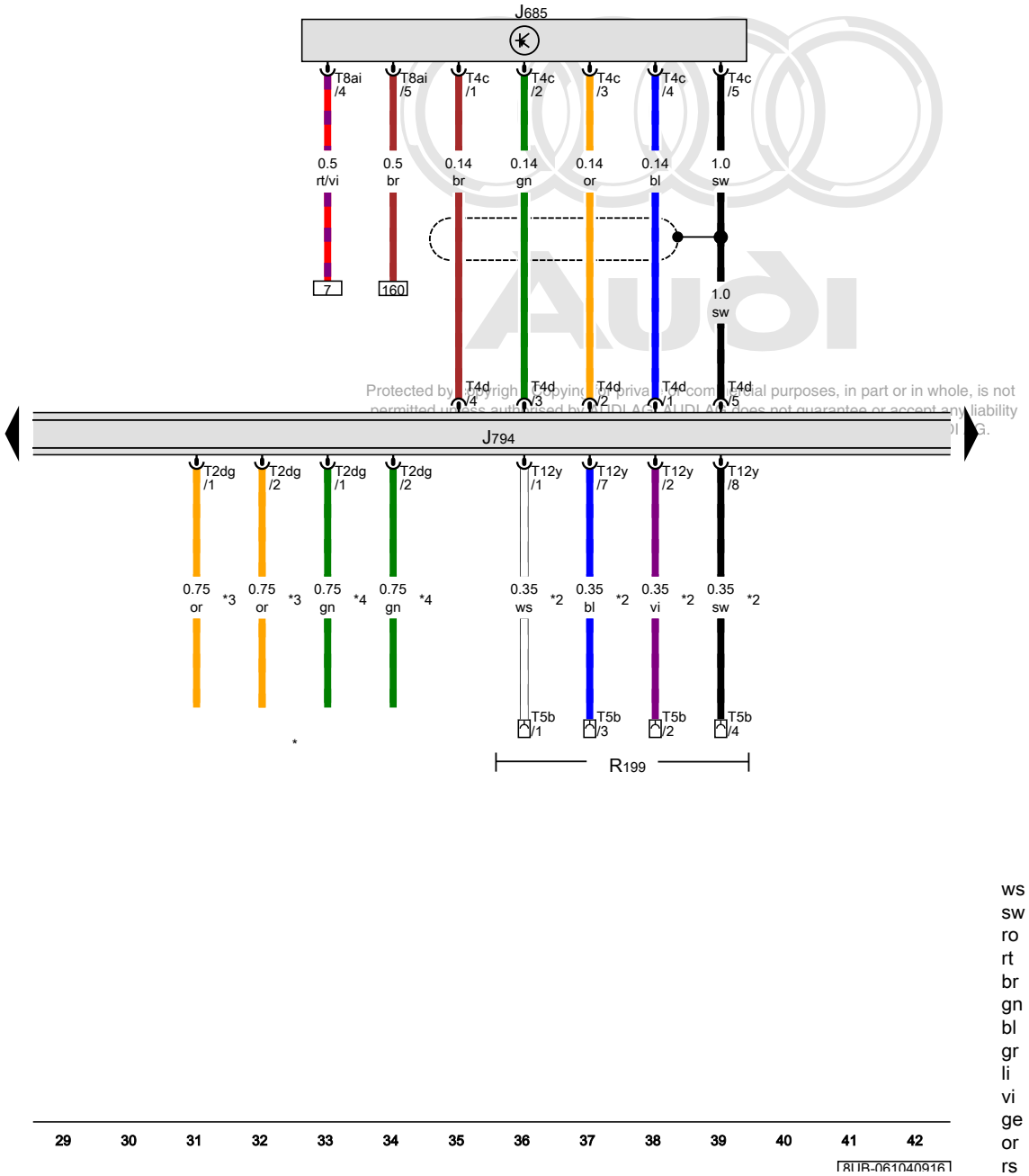


Control unit 1 for information electronics

J532	Voltage stabiliser
J794	Control unit 1 for information electronics
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
T8j	8-pin connector
T12d	12-pin connector
T40	40-pin connector
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
B327	Positive connection 13 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with BOSE sound system
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	According to equipment
*7	Only models with no start/stop system

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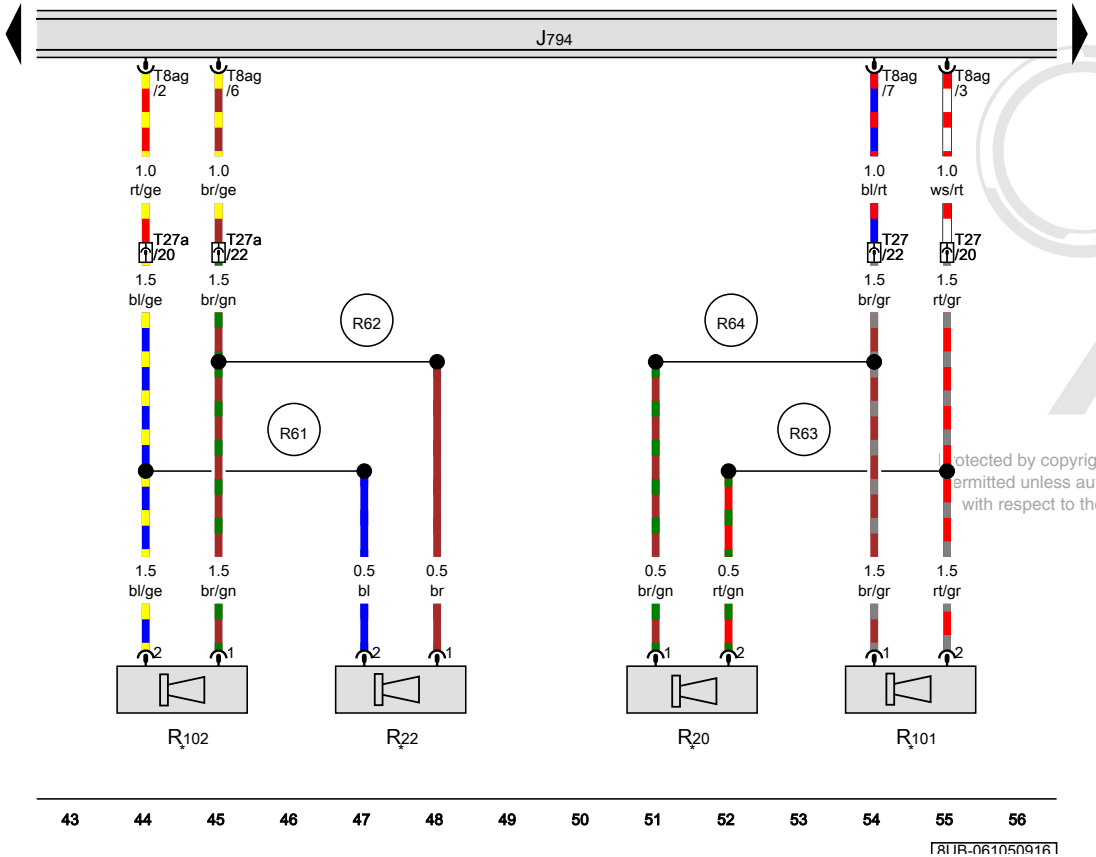
Control unit 1 for information electronics, Connection for external audio sources

J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T2dg	2-pin connector
T4c	4-pin connector
T4d	4-pin connector
T5b	5-pin connector
T8ai	8-pin connector
T12y	12-pin connector
*	see applicable current flow diagram for infotainment MOST bus
*2	Only models with connection for external audio sources - AUX-IN socket
*3	Up to April 2014
*4	From May 2014

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ge	=	yellow
or	=	orange
rs	=	pink

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

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
T8ag	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with passive loudspeakers



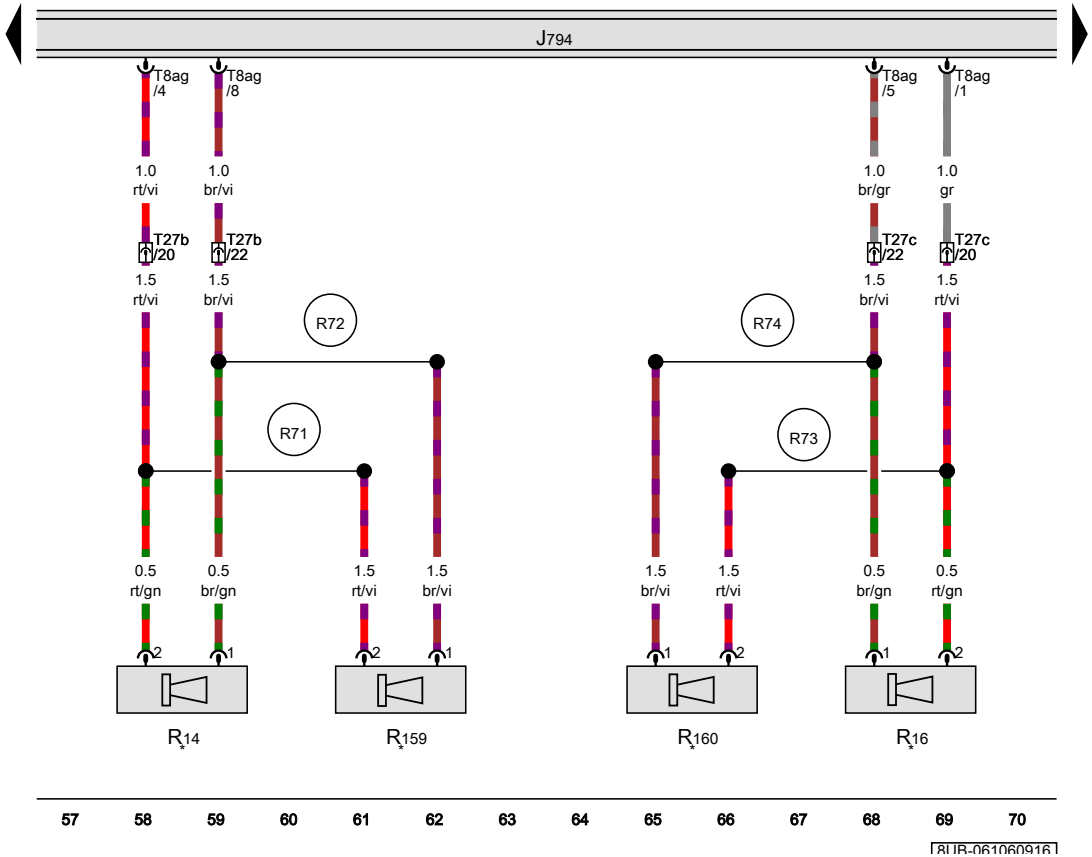
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rs	=	pink

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

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T8ag	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers

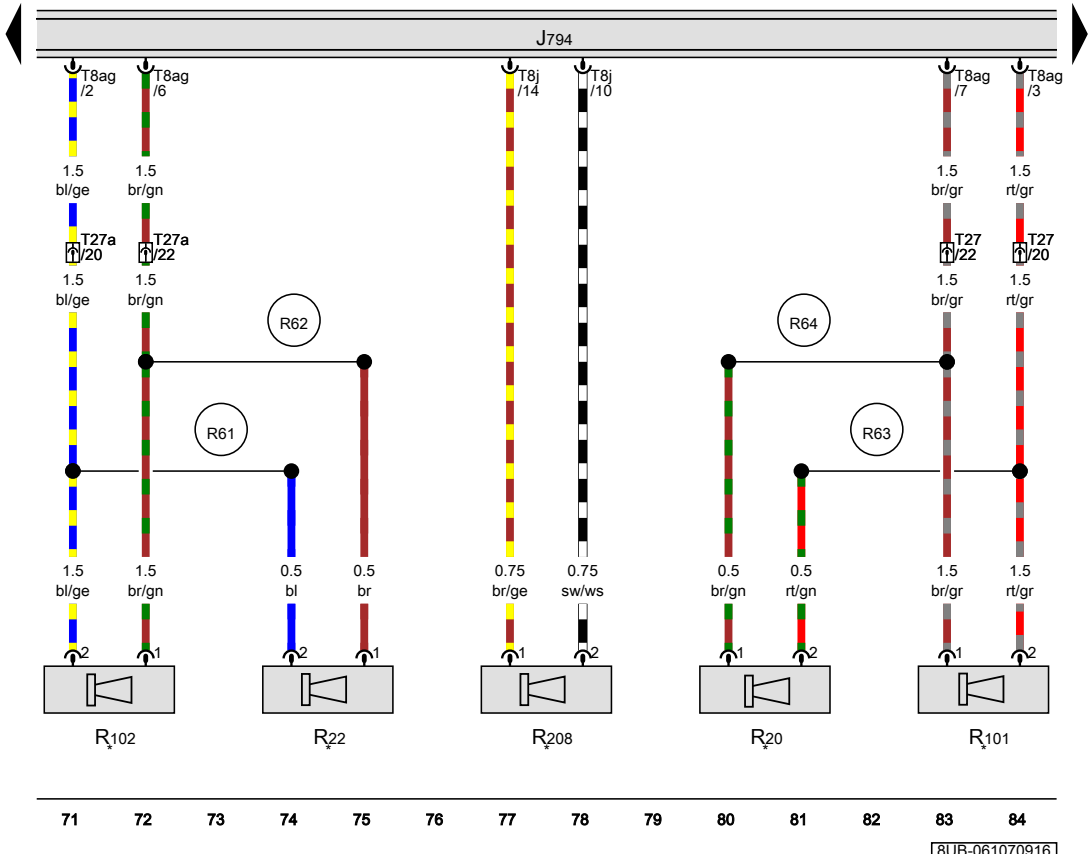
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rs	=	pink

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

J794	Control unit 1 for information electronics
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
R208	Centre loudspeaker
T8ag	8-pin connector
T8j	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with active loudspeakers



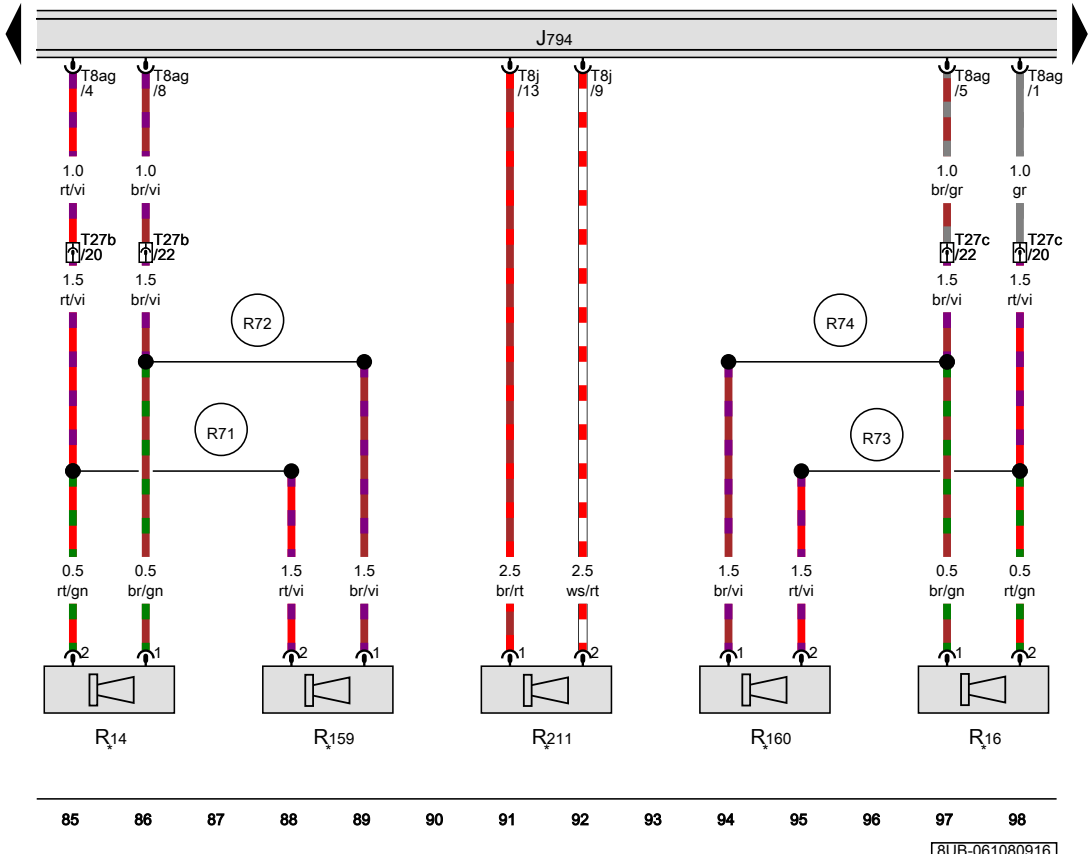
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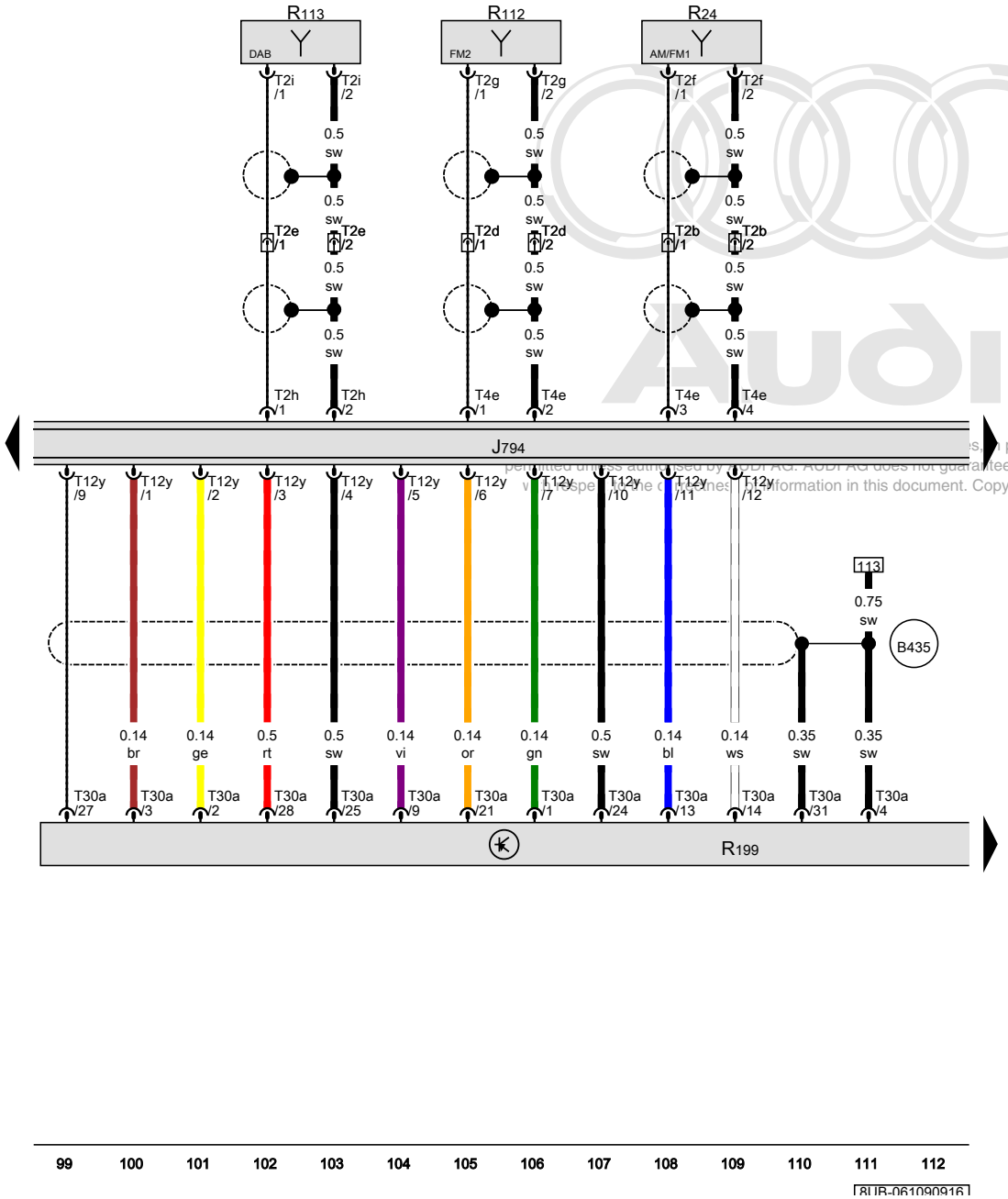
Control unit 1 for information electronics, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T8ag	8-pin connector
T8j	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers

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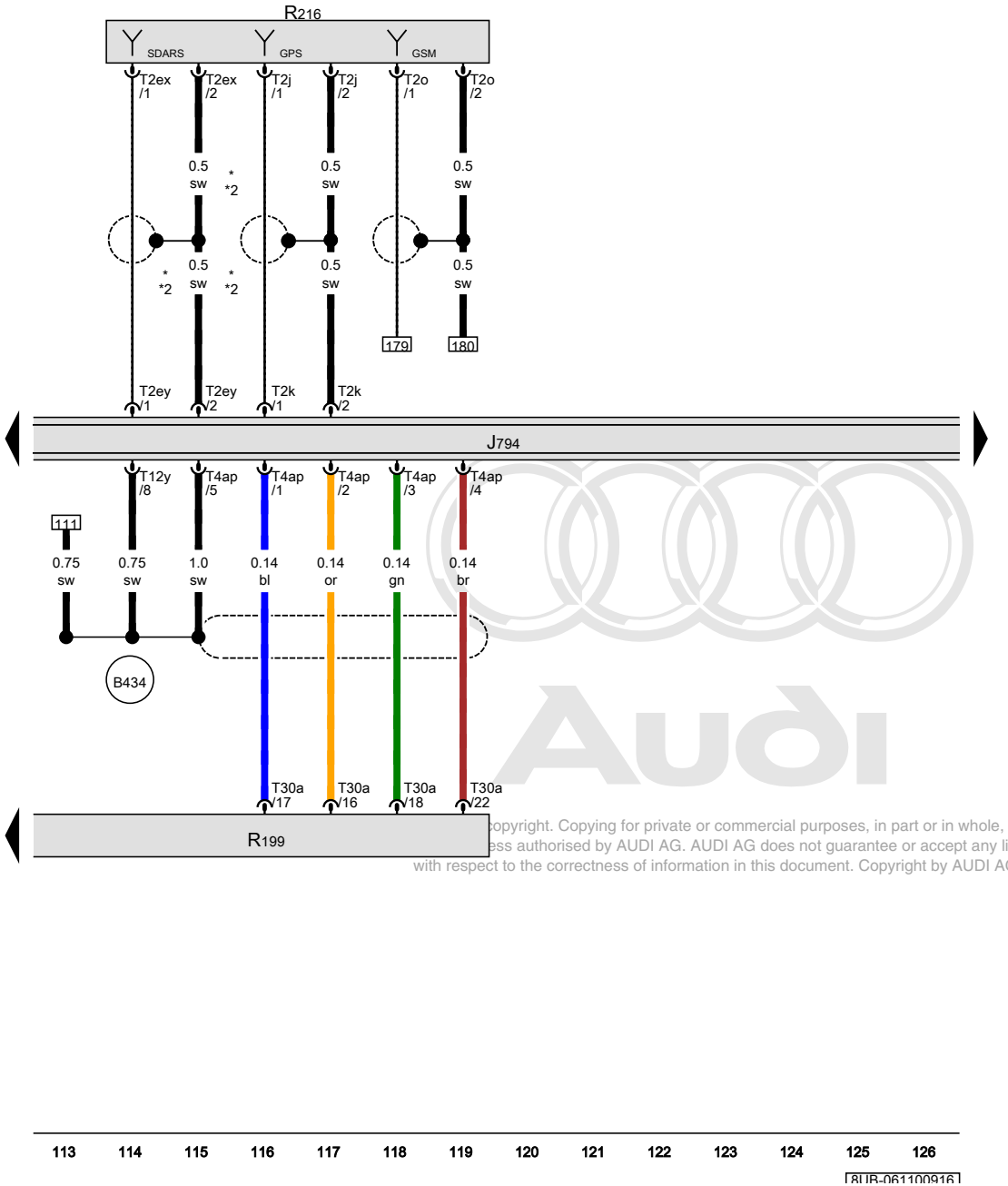


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Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4

J794	Control unit 1 for information electronics
R24	Aerial amplifier
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R199	Connection for external audio sources
T2b	2-pin connector, Coupling point for rear lid
T2d	2-pin connector, Coupling point for rear lid
T2e	2-pin connector, Coupling point for rear lid
T2f	2-pin connector
T2g	2-pin connector
T2h	2-pin connector
T2i	2-pin connector
T4e	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B435	Connection 2 (screen), in main wiring harness

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



Control unit 1 for information electronics, Roof aerial

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R216	Roof aerial
T2ex	2-pin connector
T2ey	2-pin connector
T2j	2-pin connector
T2k	2-pin connector
T2o	2-pin connector
T4ap	4-pin connector
T12y	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
*	If fitted
*2	Only left-hand drive models

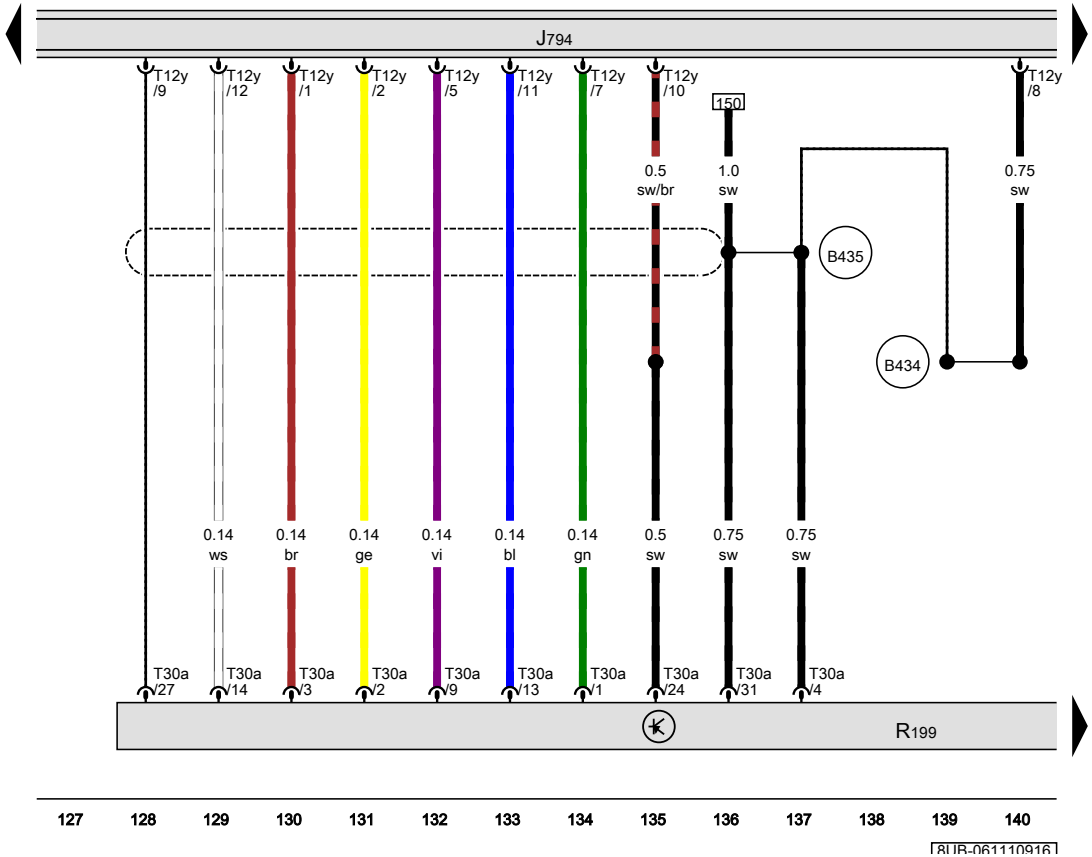
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rs	=	pink

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
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
B435	Connection 2 (screen), in main wiring harness

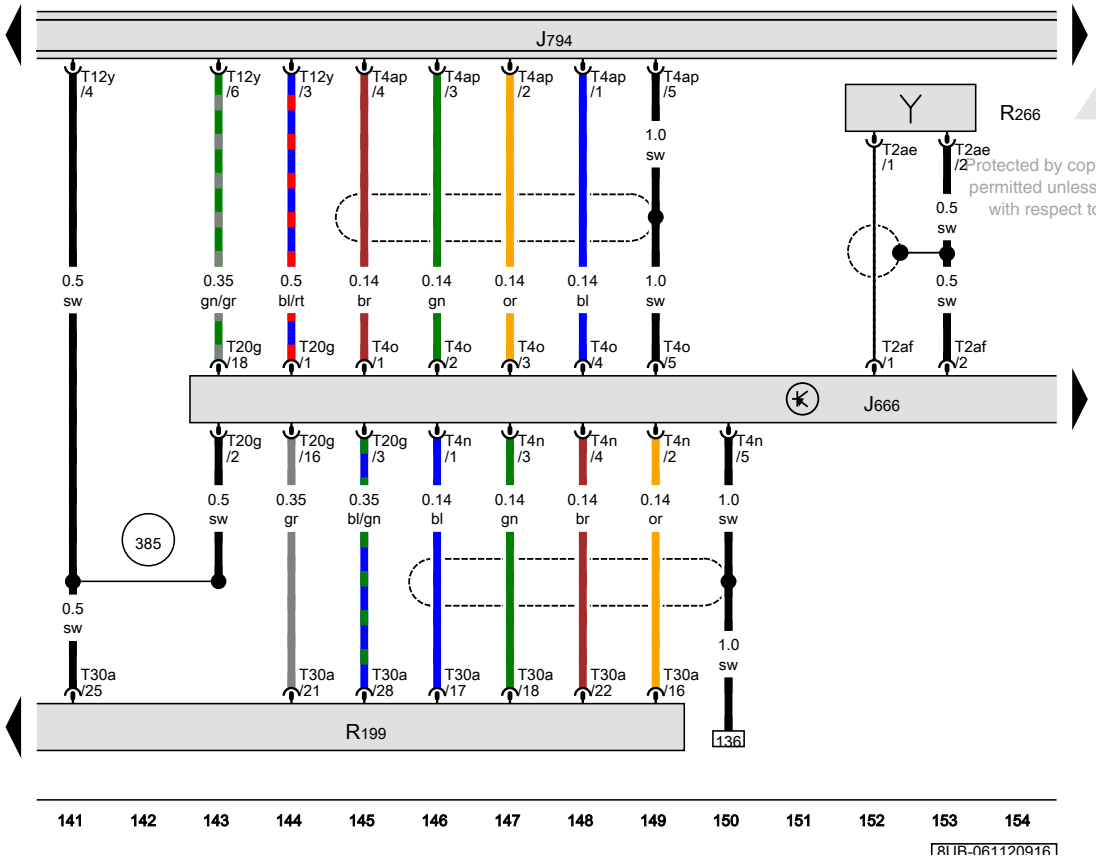
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Internet access control unit, Control unit 1 for information electronics, Connection for external audio sources, Internet access aerial

J666	Internet access control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector
T2af	2-pin connector
T4ap	4-pin connector
T4n	4-pin connector
T4o	4-pin connector
T12y	12-pin connector
T20g	20-pin connector
T30a	30-pin connector
385	Earth connection 20, in main wiring harness

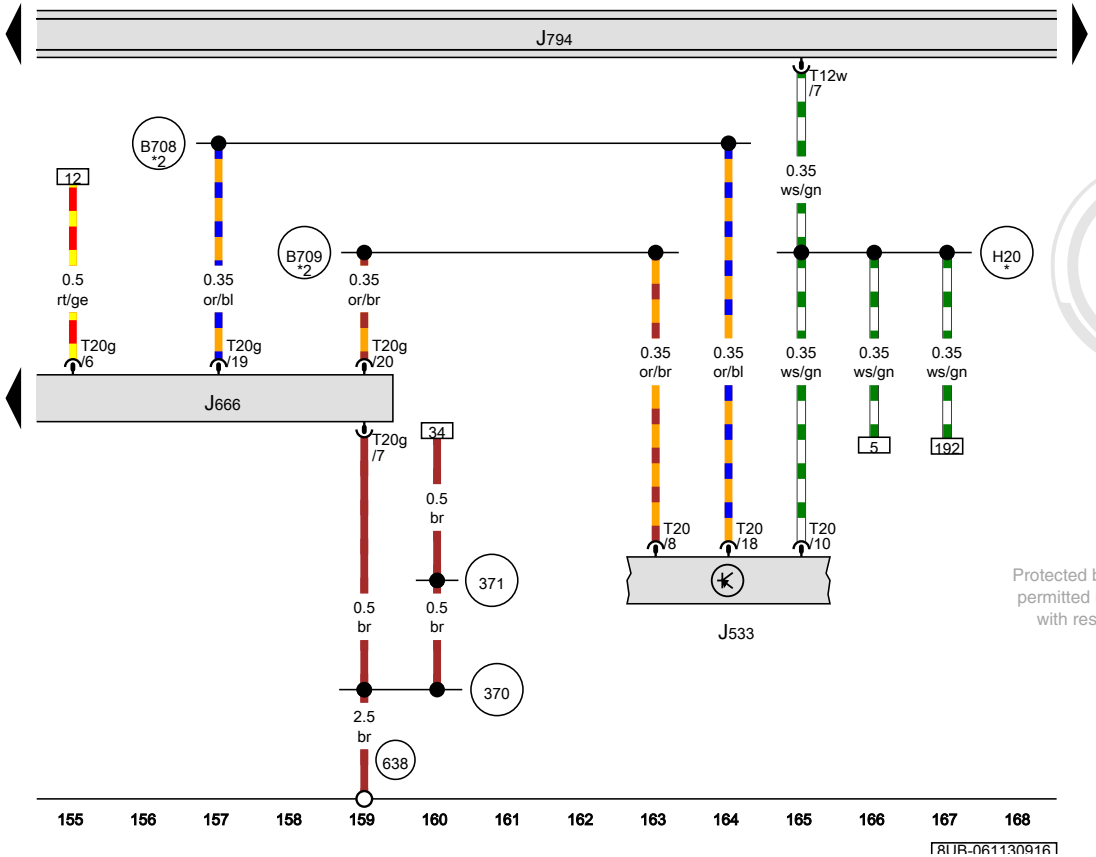


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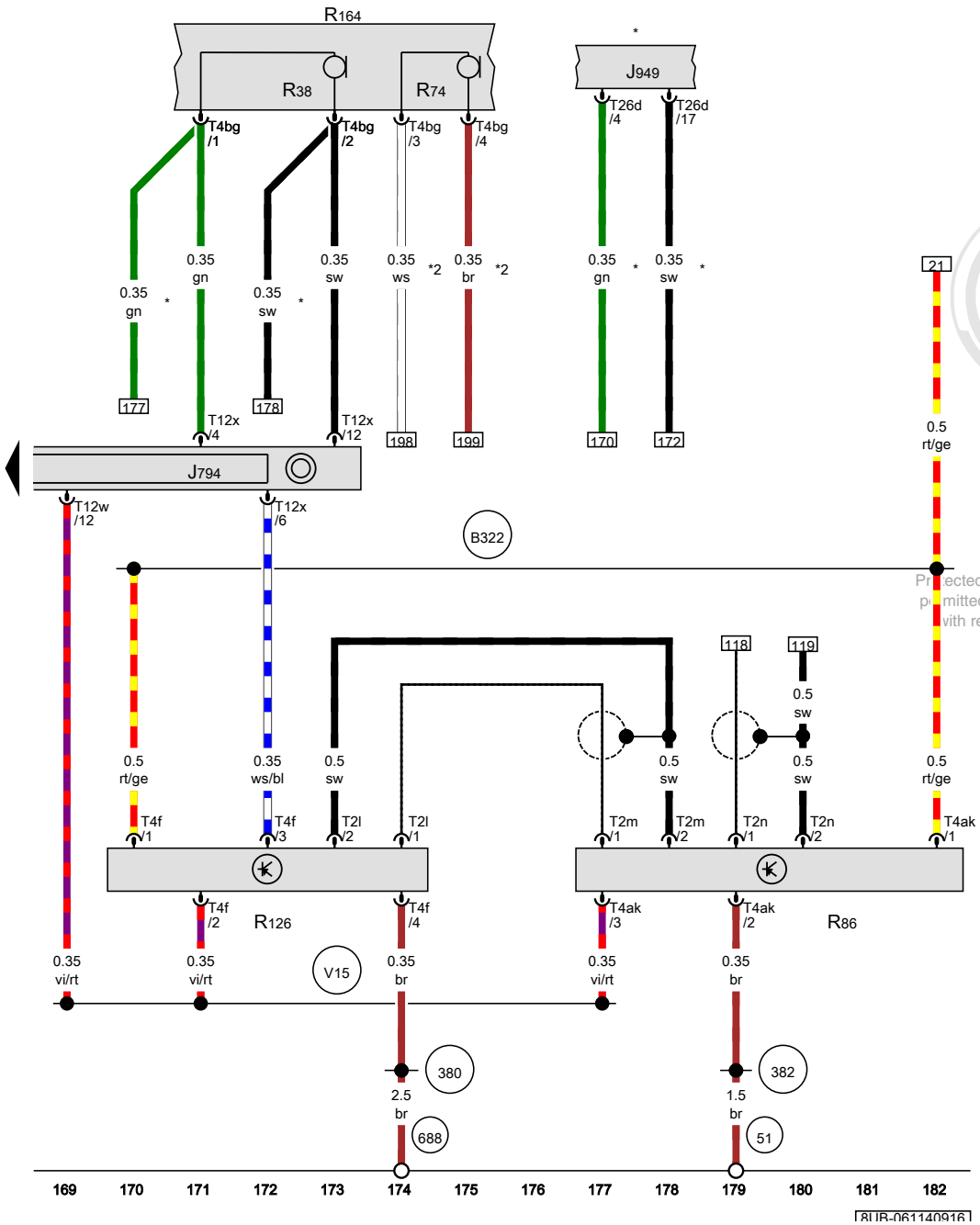
Data bus diagnostic interface, Internet access control unit, Control unit 1 for information electronics

J533	Data bus diagnostic interface
J666	Internet access control unit
J794	Control unit 1 for information electronics
T12w	12-pin connector
T20	20-pin connector
T20g	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	see applicable current flow diagram for ring circuit break diagnostic
*2	see applicable current flow diagram for data bus network



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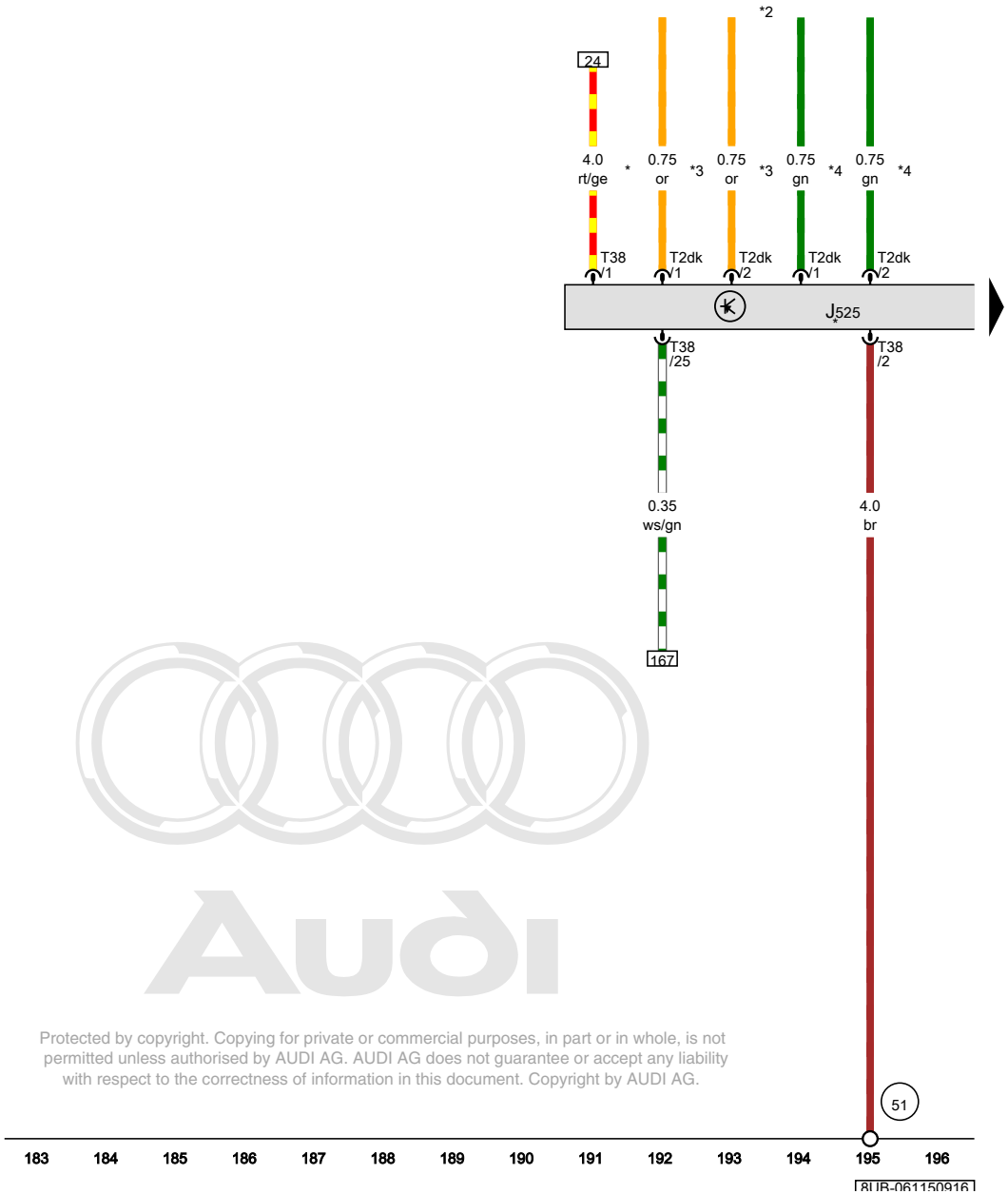


Control unit 1 for information electronics, Emergency call module control unit and communication unit, Aerial amplifier for mobile telephone, Telephone bracket, Microphone unit in front roof module

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R74	Internal microphone
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R164	Microphone unit in front roof module
T2l	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T4ak	4-pin connector
T4bg	4-pin connector
T4f	4-pin connector
T12w	12-pin connector
T12x	12-pin connector
T26d	26-pin connector, black
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	Only models with emergency call module
*2	Only models with BOSE sound system

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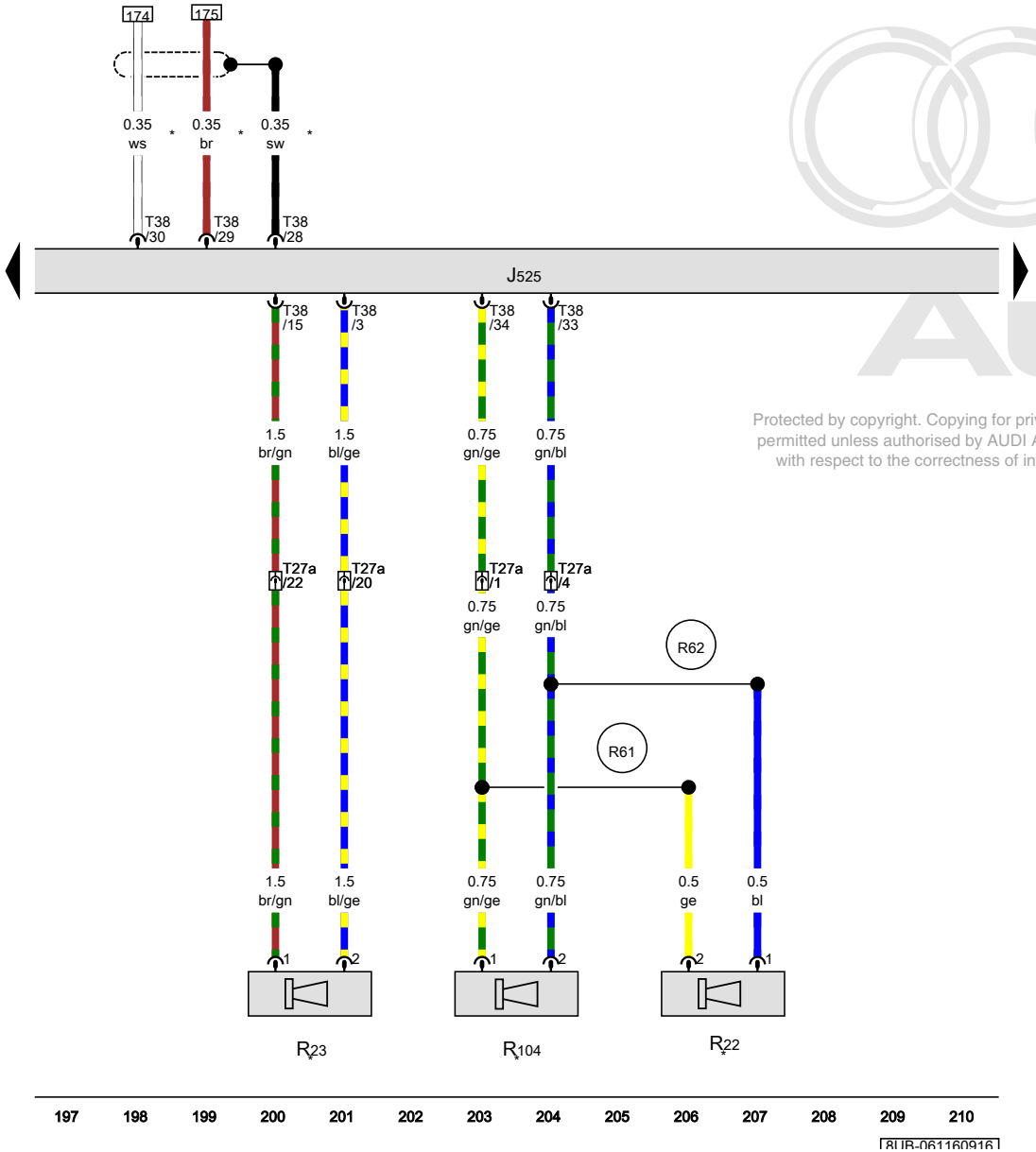
Digital sound package control unit

J525	Digital sound package control unit
T2dk	2-pin connector
T38	38-pin connector
51	Earth point, on right in luggage compartment
*	Only models with BOSE sound system
*2	see applicable current flow diagram for infotainment MOST bus
*3	Up to April 2014
*4	From May 2014

ws	=	white
sw	=	black
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rs	=	pink

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
T27a	27-pin connector, on right A-pillar
T38	38-pin connector
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
*	Only models with BOSE sound system

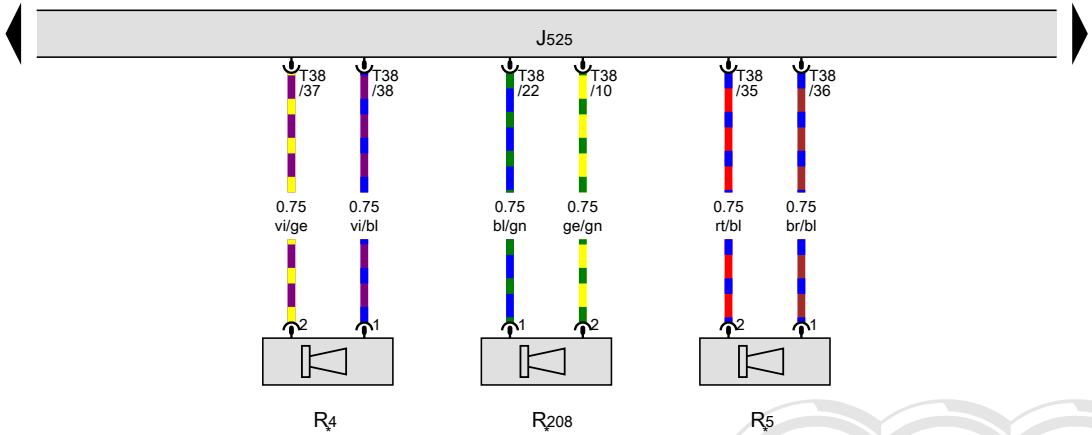


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Digital sound package control unit, Rear left loudspeaker, Rear right loudspeaker, Centre loudspeaker

J525	Digital sound package control unit
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R208	Centre loudspeaker
T38	38-pin connector
*	Only models with BOSE sound system



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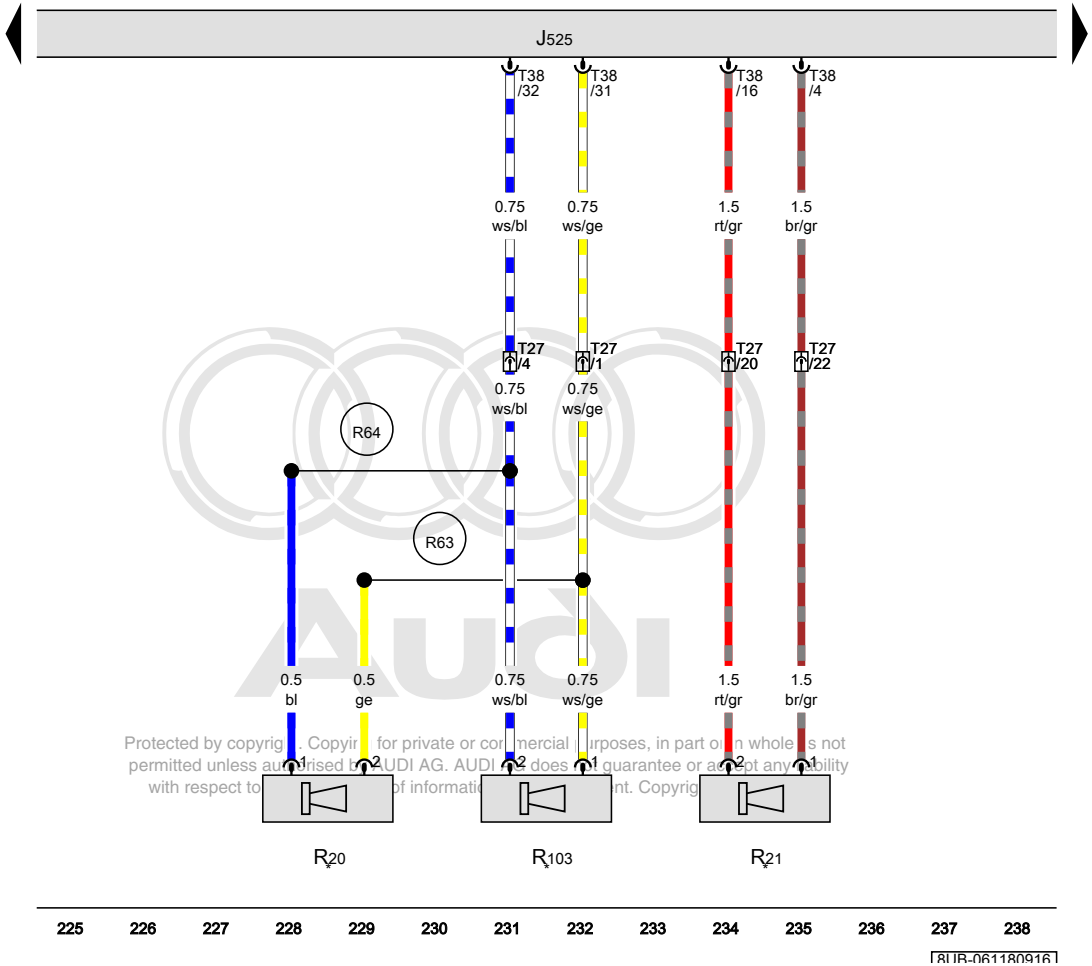
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211 212 213 214 215 216 217 218 219 220 221 222 223 224

[8UB-061170916]

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
T27	27-pin connector, on left A-pillar
T38	38-pin connector
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with BOSE sound system

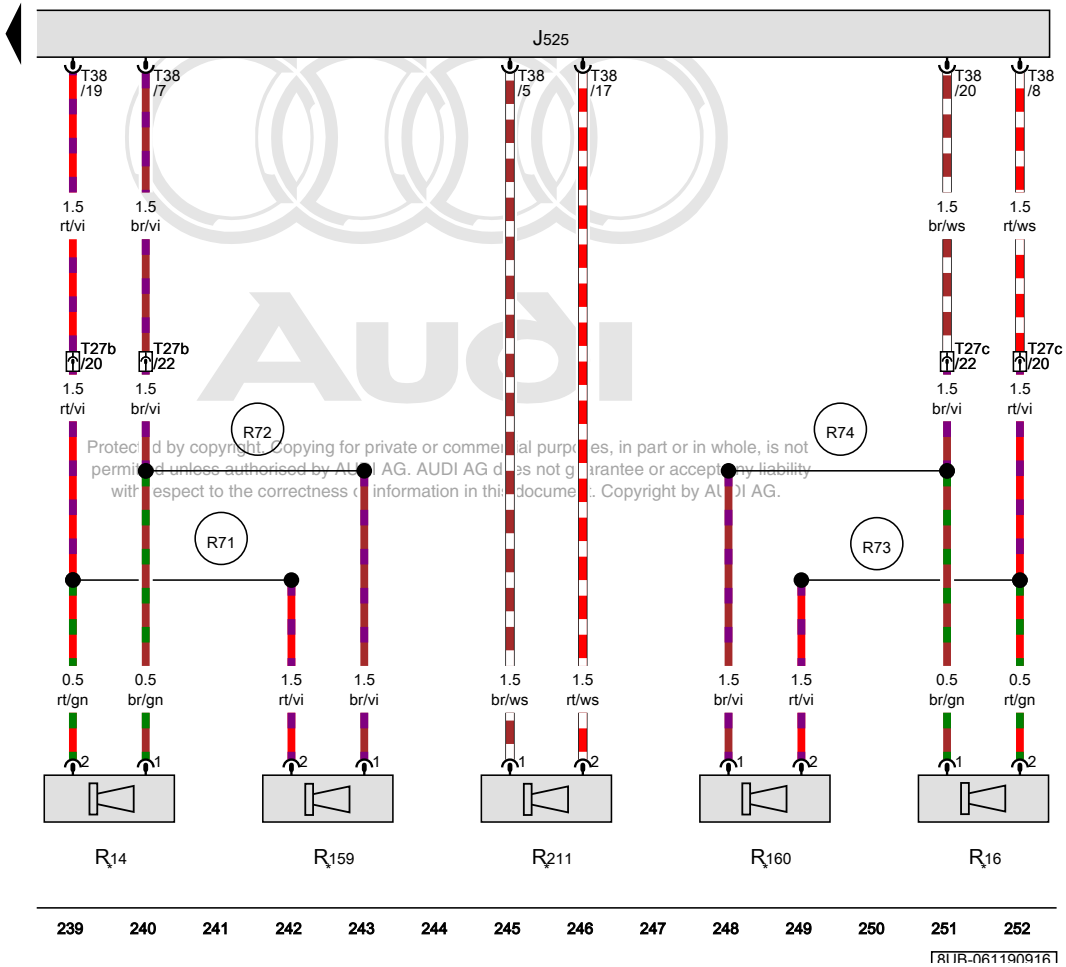


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rs	=	pink

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, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
T38	38-pin connector
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with BOSE sound system



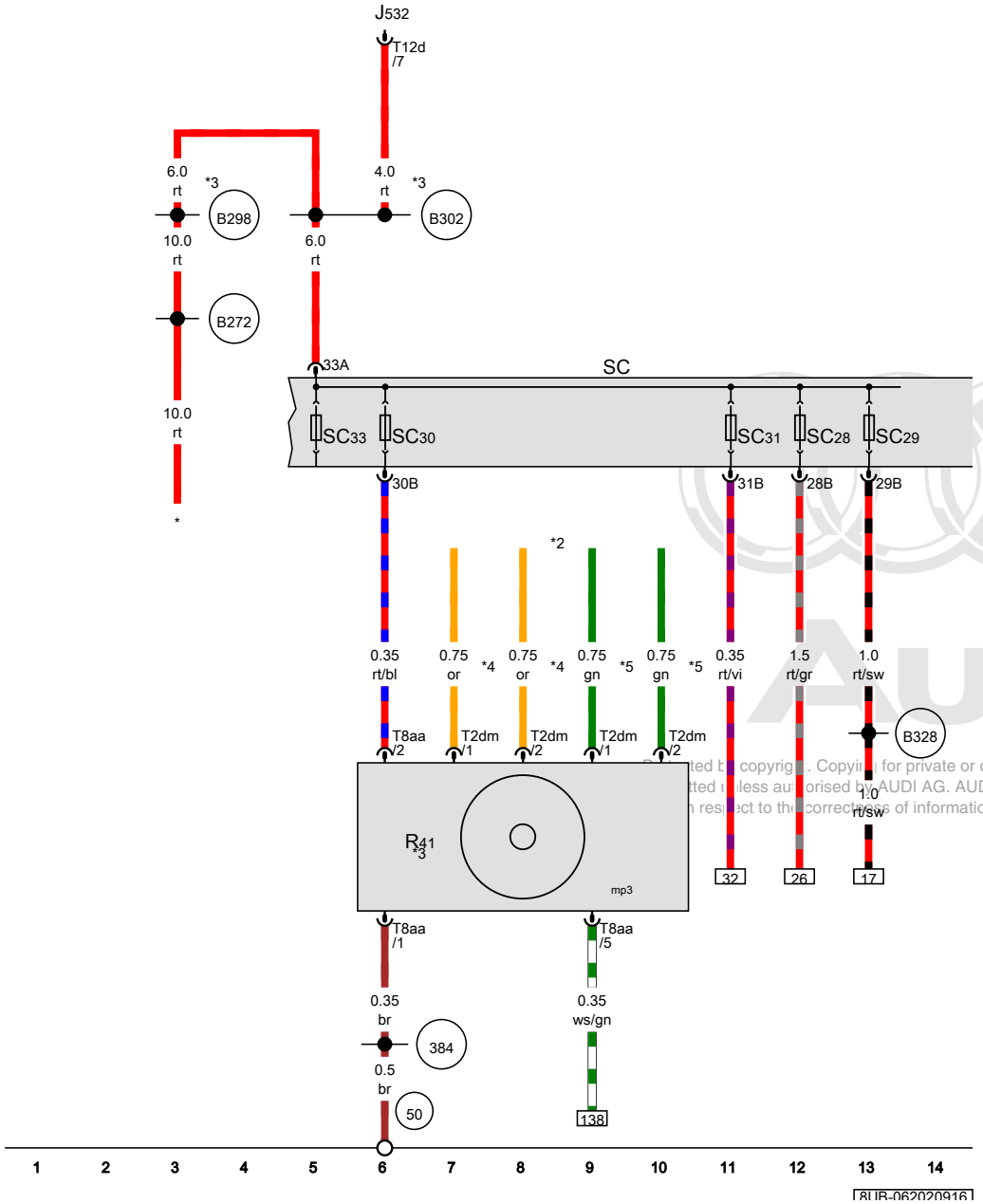
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MMI navigation plus for RHD vehicles , (8DY),(8DZ),(8AJ),(8YF),(8YQ),(L0R)

From August 2011

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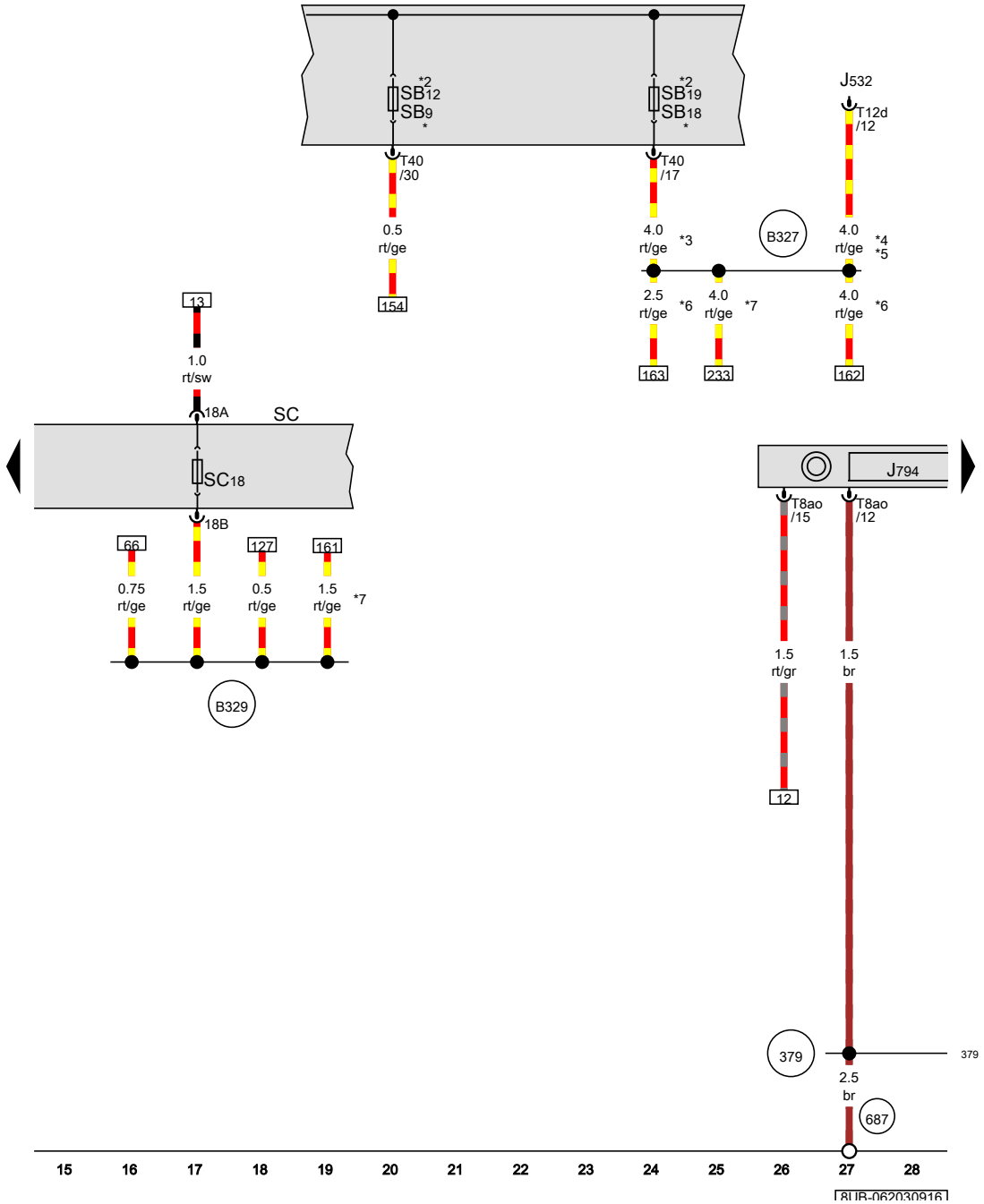


CD changer, Fuse holder C

J532	Voltage stabiliser
R41	CD changer
SC	Fuse holder C
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC33	Fuse 33 on fuse holder C
T2dm	2-pin connector
T8aa	8-pin connector
T12d	12-pin connector
50	Earth point, on left in luggage compartment
384	Earth connection 19, in main wiring harness
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
B328	Positive connection 14 (30a) in main wiring harness
*	see applicable current flow diagram for battery
*2	see applicable current flow diagram for infotainment MOST bus
*3	According to equipment
*4	Up to April 2014
*5	From May 2014

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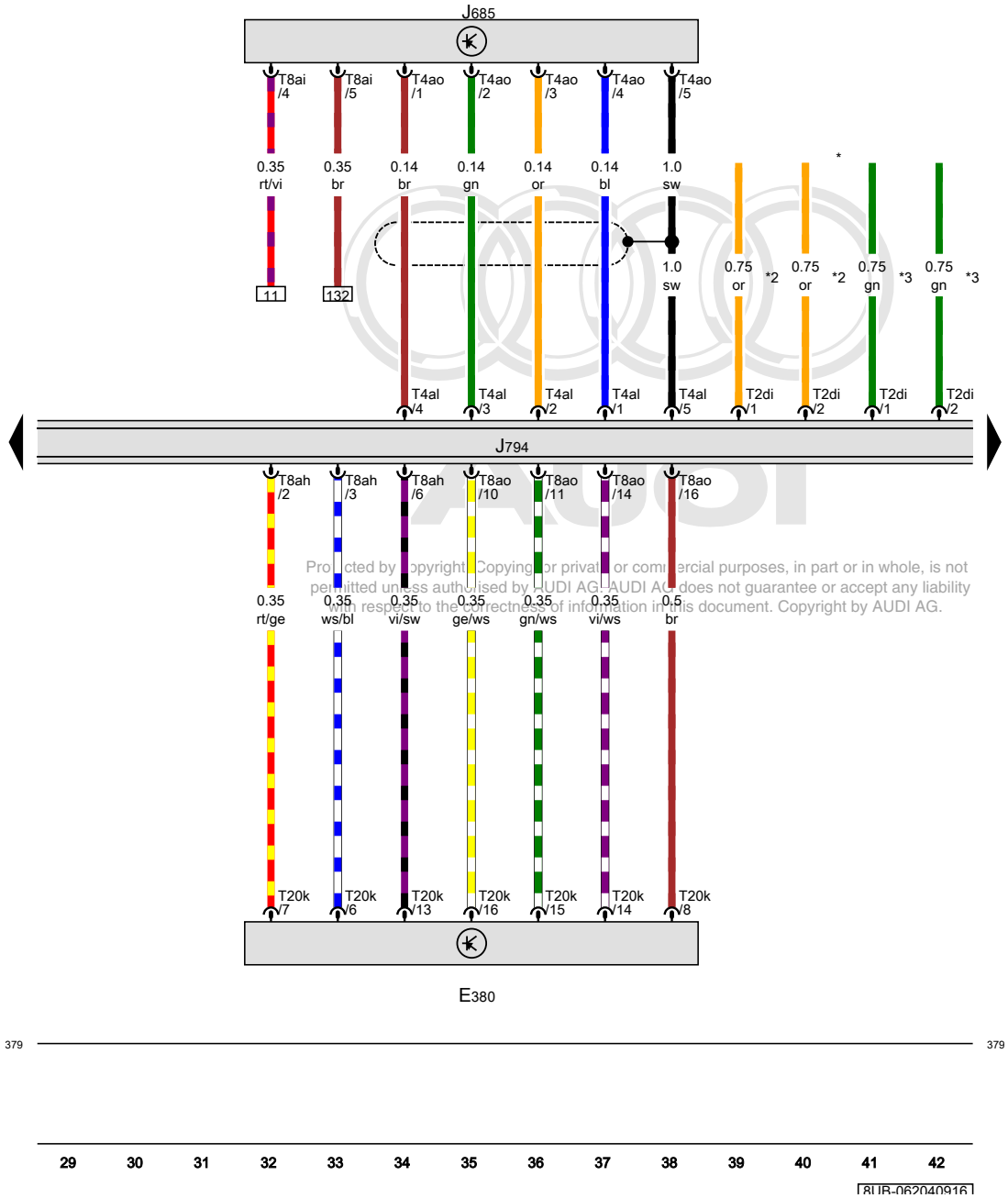


Control unit 1 for information electronics, Fuse holder C

J532	Voltage stabiliser
J794	Control unit 1 for information electronics
SB9	Fuse 9 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB19	Fuse 19 on fuse holder B
SC	Fuse holder C
SC18	Fuse 18 on fuse holder C
T8ao	8-pin connector
T12d	12-pin connector
T40	40-pin connector
379	Earth connection 14, in main wiring harness
687	Earth point 1, on centre tunnel
B327	Positive connection 13 (30a) in main wiring harness
B329	Positive connection 15 (30a) in main wiring harness
*	Up to October 2012
*2	From November 2012
*3	Only models with no start/stop system
*4	Only models with start/stop system
*5	Only models with no BOSE sound system
*6	According to equipment
*7	Only models with BOSE sound system

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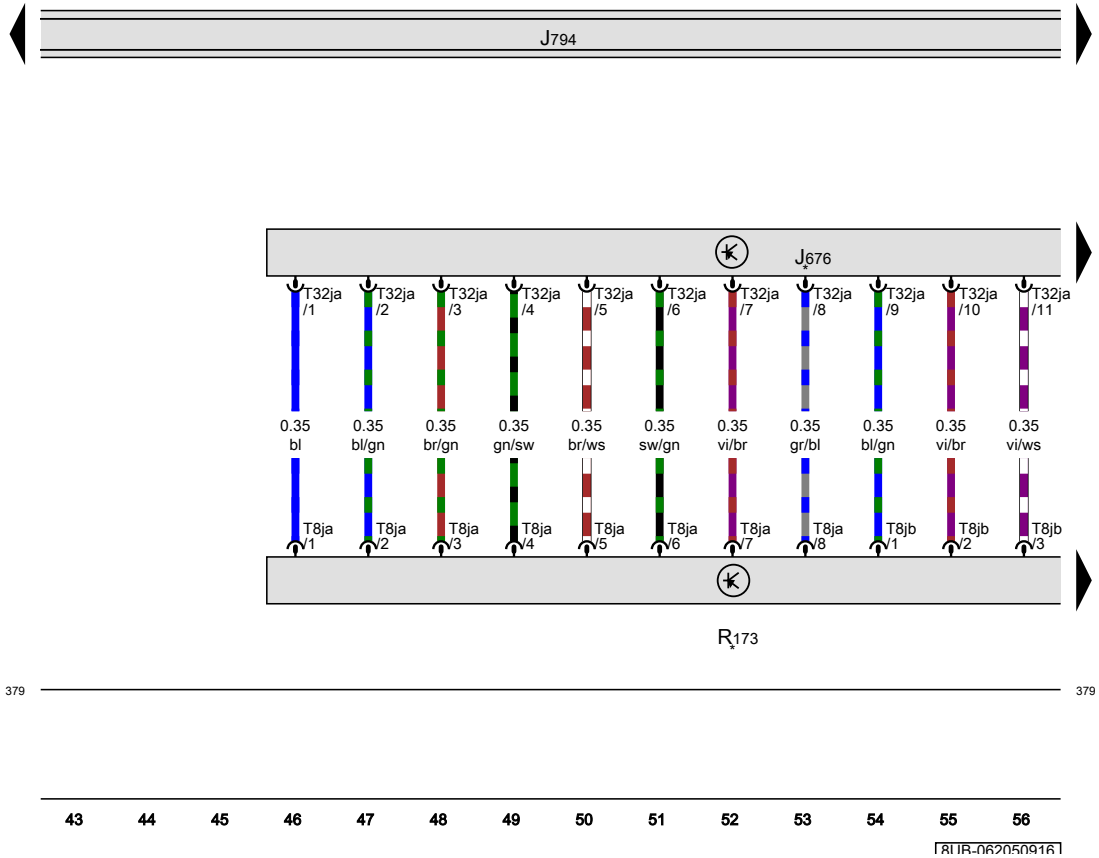
Control unit 1 for information electronics

E380	Multimedia system operating unit
J685	Display unit for front information display and operating unit control unit
J794	Control unit 1 for information electronics
T2dg	2-pin connector
T2di	2-pin connector
T4al	4-pin connector
T4ao	4-pin connector
T8ah	8-pin connector
T8ai	8-pin connector
T8ao	8-pin connector
T20k	20-pin connector
379	Earth connection 14, in main wiring harness
*	see applicable current flow diagram for infotainment MOST bus
*2	Up to April 2014
*3	From May 2014

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Chip card reader control unit, Control unit 1 for information electronics, Traffic data aerial

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T8ja	8-pin connector
T8jb	8-pin connector
T32ja	32-pin connector
379	Earth connection 14, in main wiring harness
*	Only models with equipment for Japan

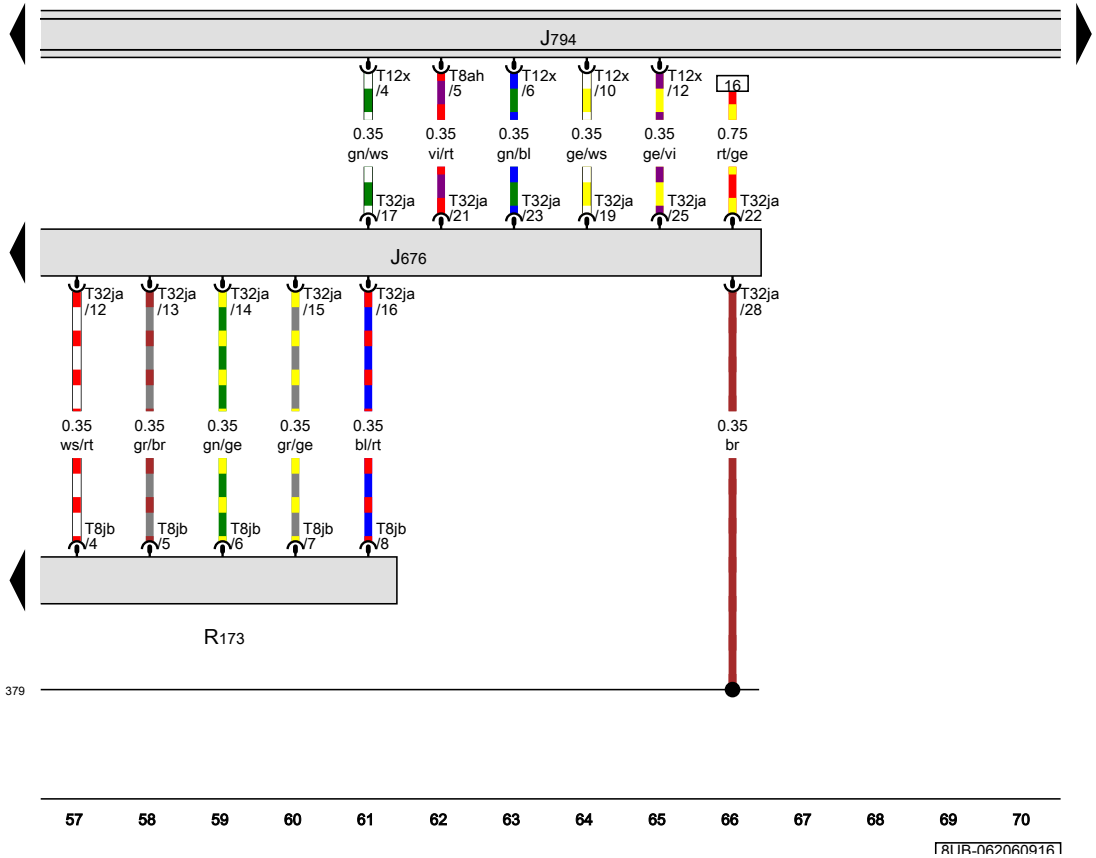


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Chip card reader control unit, Control unit 1 for information electronics, Traffic data aerial

J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R173	Traffic data aerial
T8ah	8-pin connector
T8jb	8-pin connector
T12x	12-pin connector
T32ja	32-pin connector
379	Earth connection 14, in main wiring harness

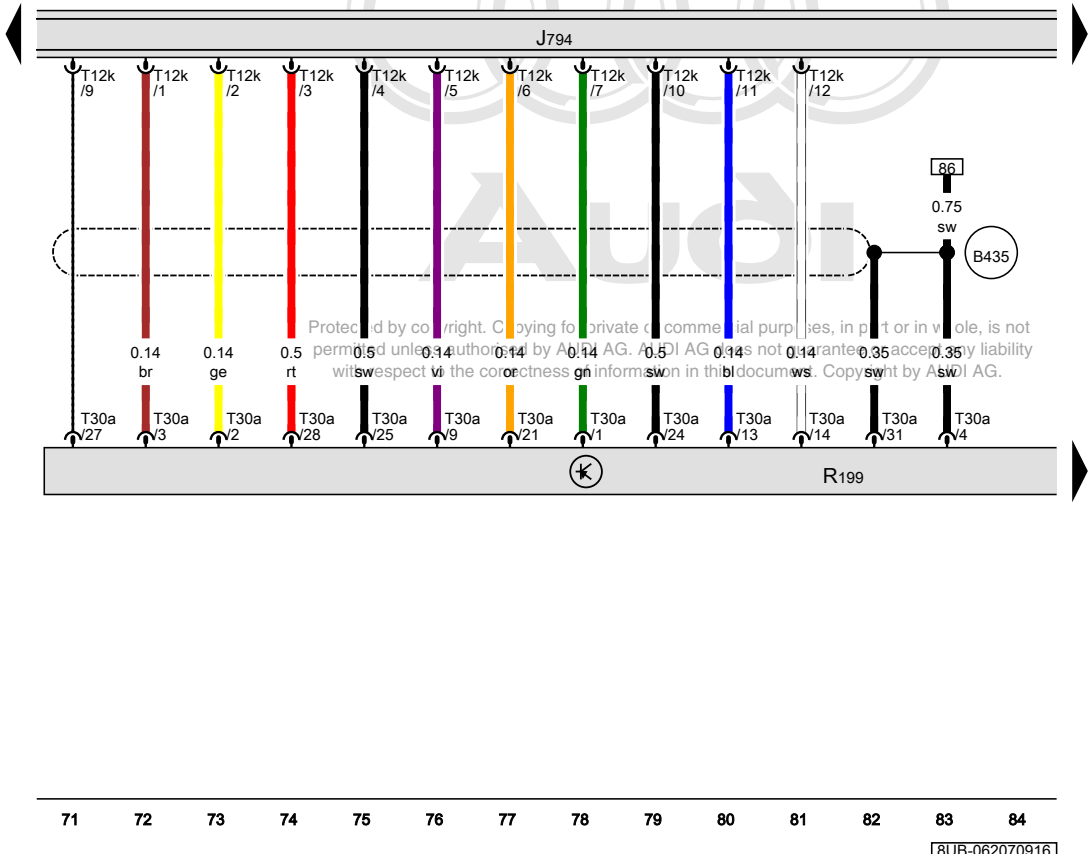


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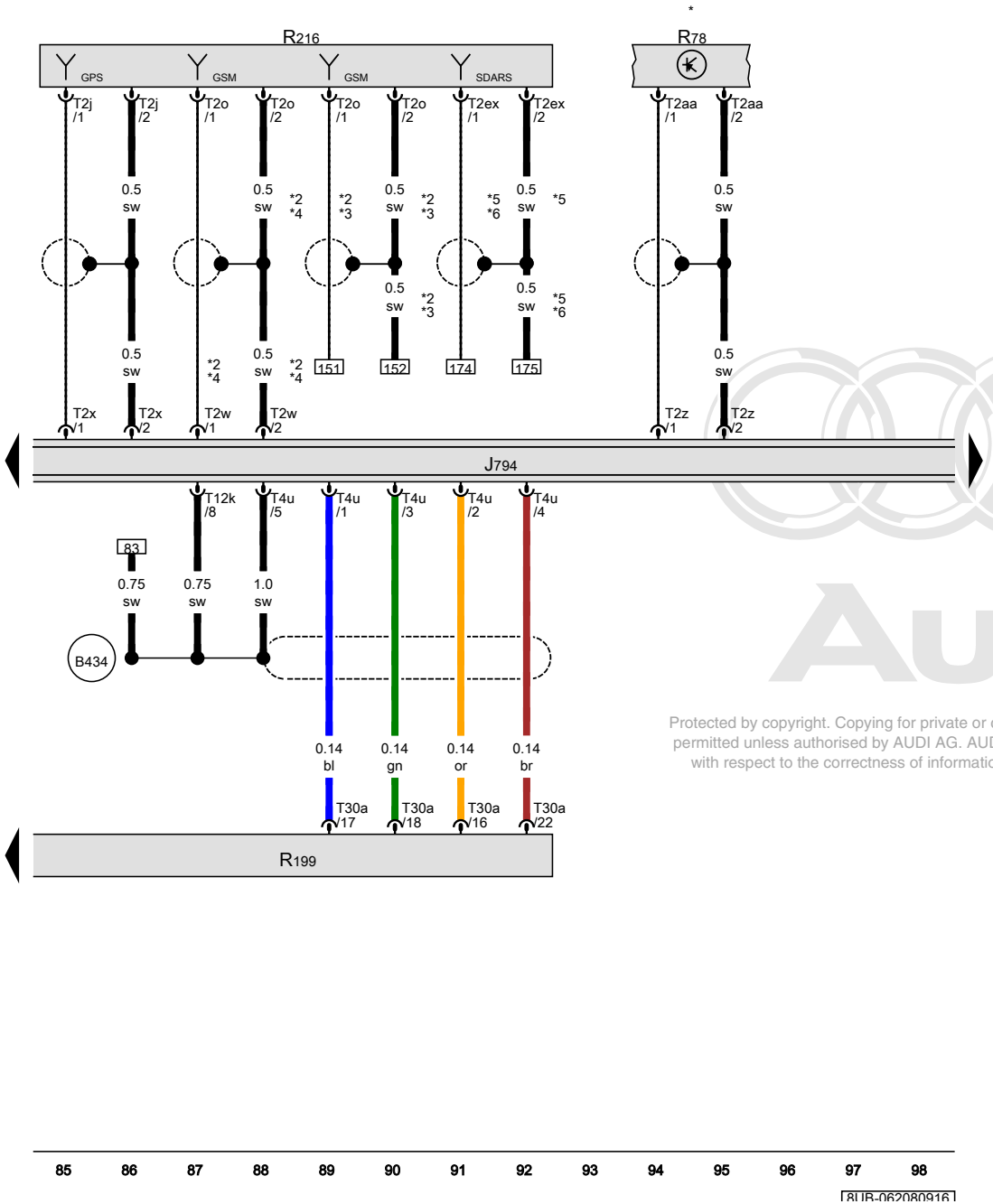
Control unit 1 for information electronics

J794	Control unit 1 for information electronics
R199	Connection for external audio sources
T12k	12-pin connector
T30a	30-pin connector
B435	Connection 2 (screen), in main wiring harness



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Control unit 1 for information electronics, Roof aerial

J794	Control unit 1 for information electronics
R78	TV tuner
R199	Connection for external audio sources
R216	Roof aerial
T2aa	2-pin connector
T2ex	2-pin connector
T2j	2-pin connector
T2o	2-pin connector
T2w	2-pin connector
T2x	2-pin connector
T2z	2-pin connector
T4u	4-pin connector
T12k	12-pin connector
T30a	30-pin connector
B434	Connection 1 (screen), in main wiring harness
*	see applicable current flow diagram for TV tuner
*2	According to equipment
*3	Only models with amplifier for mobile telephone
*4	Only models with no amplifier for mobile telephone
*5	If fitted
*6	Only left-hand drive models

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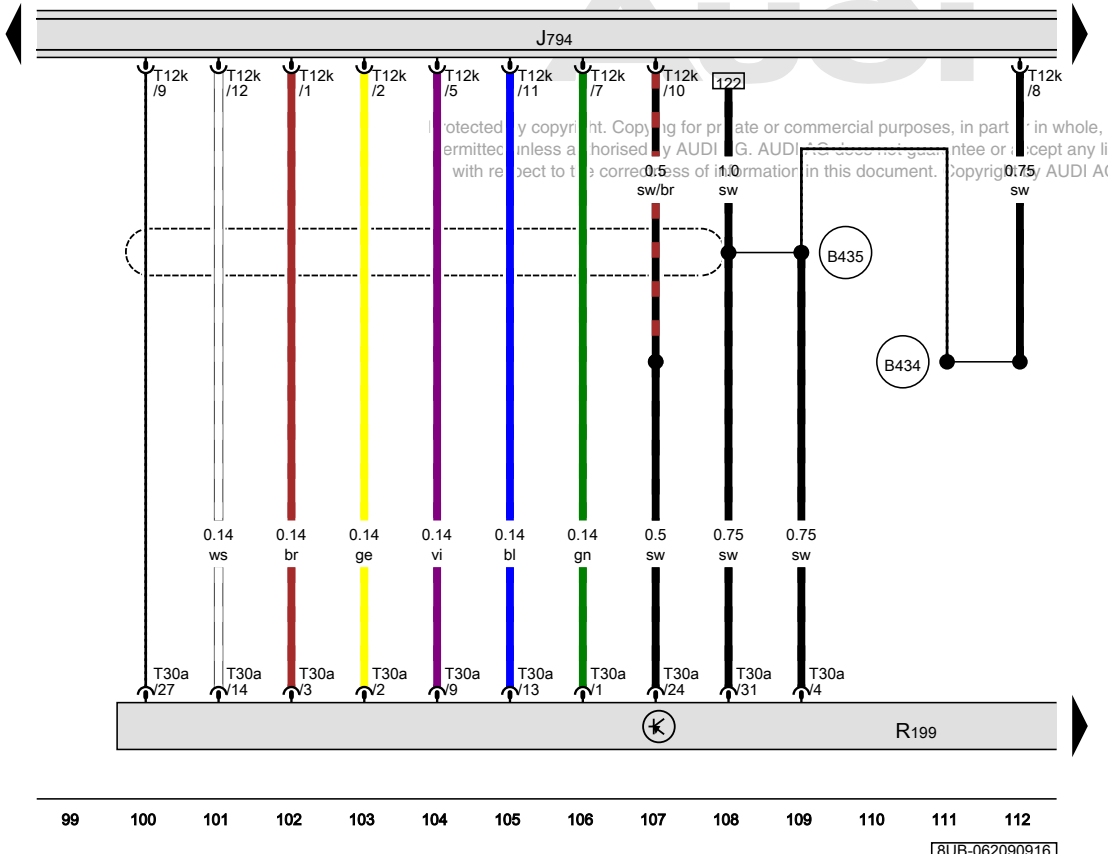
[8UB-062080916]

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

J794 Control unit 1 for information electronics
R199 Connection for external audio sources
T12k 12-pin connector
T30a 30-pin connector

B434 Connection 1 (screen), in main wiring harness

B435 Connection 2 (screen), in main wiring harness

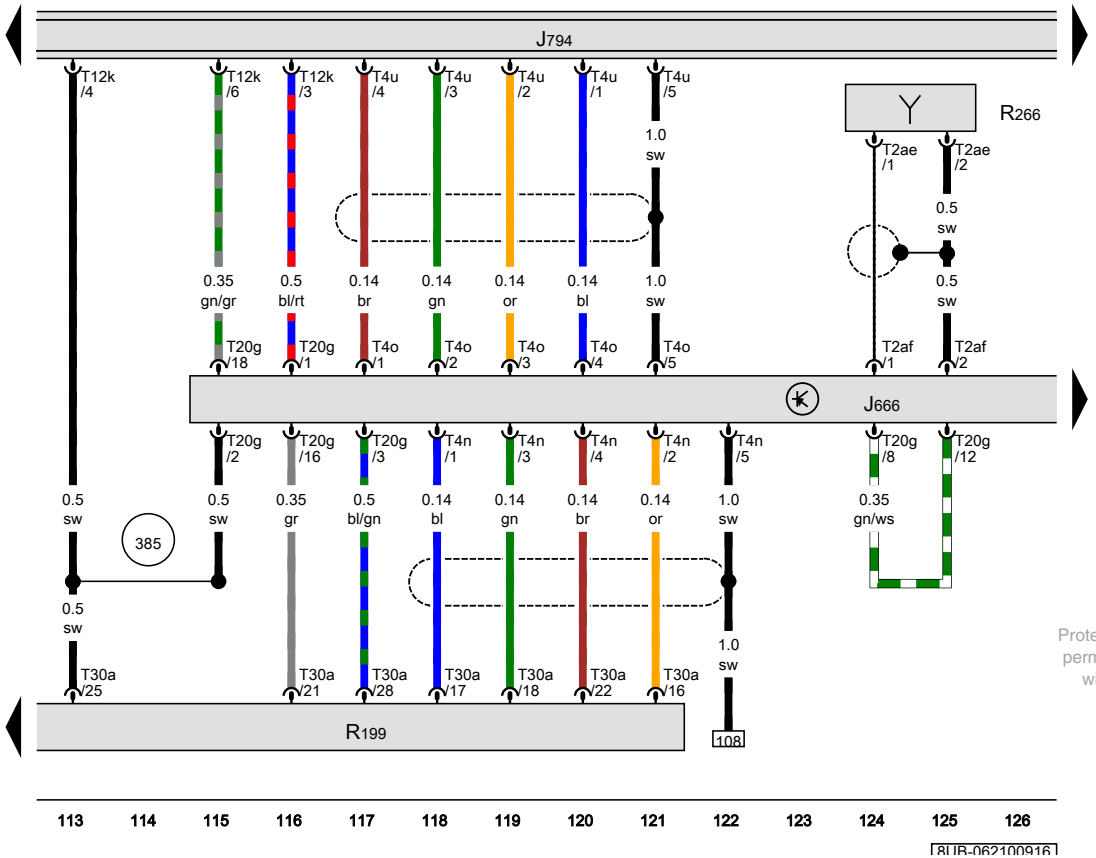


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Internet access control unit, Control unit 1 for information electronics, Connection for external audio sources, Internet access aerial

J666	Internet access control unit
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
R266	Internet access aerial
T2ae	2-pin connector
T2af	2-pin connector
T4n	4-pin connector
T4o	4-pin connector
T4u	4-pin connector
T12k	12-pin connector
T20g	20-pin connector
T30a	30-pin connector
385	Earth connection 20, in main wiring harness

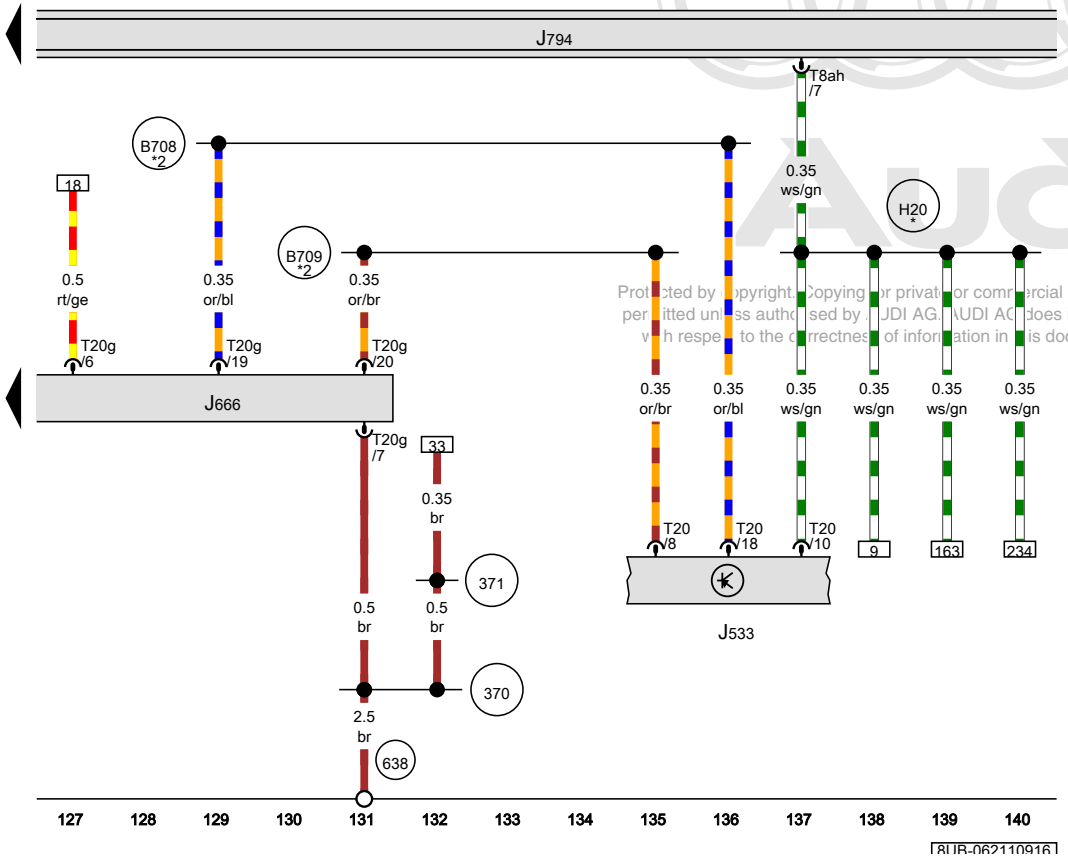


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or	=	orange
rs	=	pink

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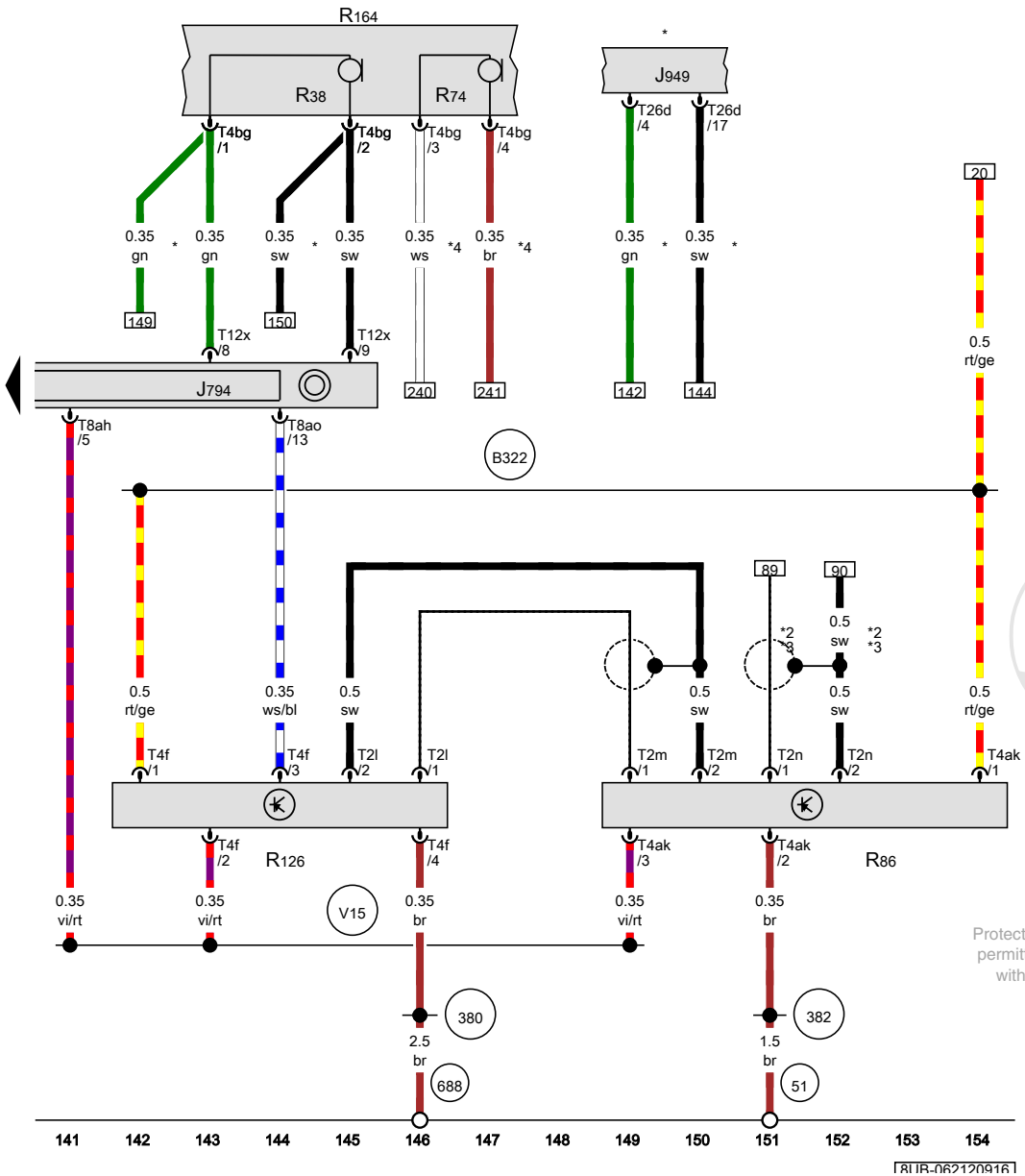
Data bus diagnostic interface, Internet access control unit, Control unit 1 for information electronics

J533	Data bus diagnostic interface
J666	Internet access control unit
J794	Control unit 1 for information electronics
T8ah	8-pin connector
T20	20-pin connector
T20g	20-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
H20	Connection 1, in diagnosis wiring harness
*	see applicable current flow diagram for ring circuit break diagnostic
*2	see applicable current flow diagram for data bus network



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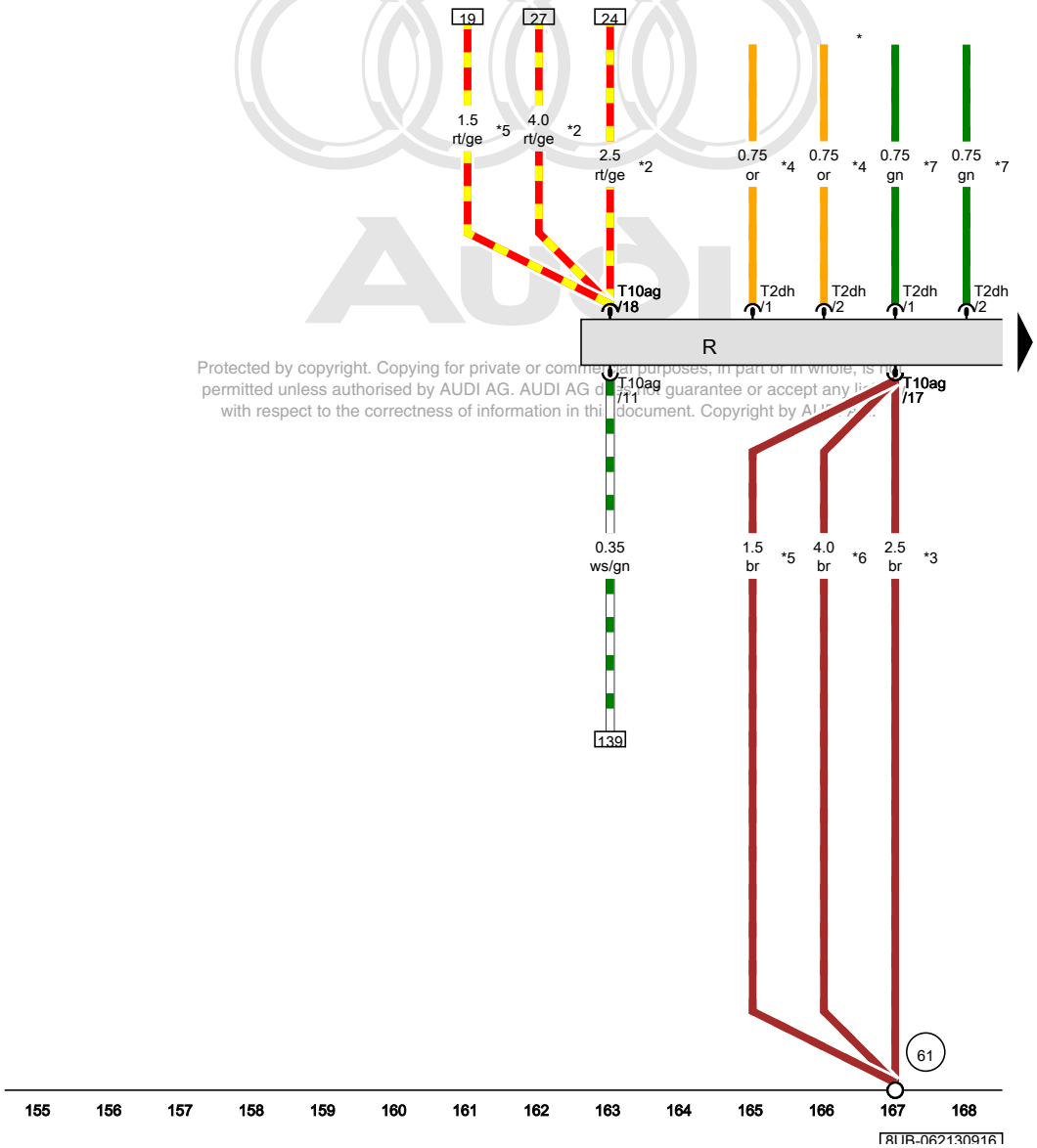


Control unit 1 for information electronics, Emergency call module control unit and communication unit, Aerial amplifier for mobile telephone, Telephone bracket, Microphone unit in front roof module

J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R38	Telephone microphone
R74	Internal microphone
R86	Aerial amplifier for mobile telephone
R126	Telephone bracket
R164	Microphone unit in front roof module
T2l	2-pin connector
T2m	2-pin connector
T2n	2-pin connector
T4ak	4-pin connector
T4bg	4-pin connector
T4f	4-pin connector
T8ah	8-pin connector
T8ao	8-pin connector
T12x	12-pin connector
T26d	26-pin connector, black
51	Earth point, on right in luggage compartment
380	Earth connection 15, in main wiring harness
382	Earth connection 17, in main wiring harness
688	Earth point 2, on centre tunnel
B322	Positive connection 8 (30a) in main wiring harness
V15	Connection, in telephone wiring harness
*	Only models with emergency call module
*2	According to equipment
*3	Only models with amplifier for mobile telephone
*4	Only models with BOSE sound system

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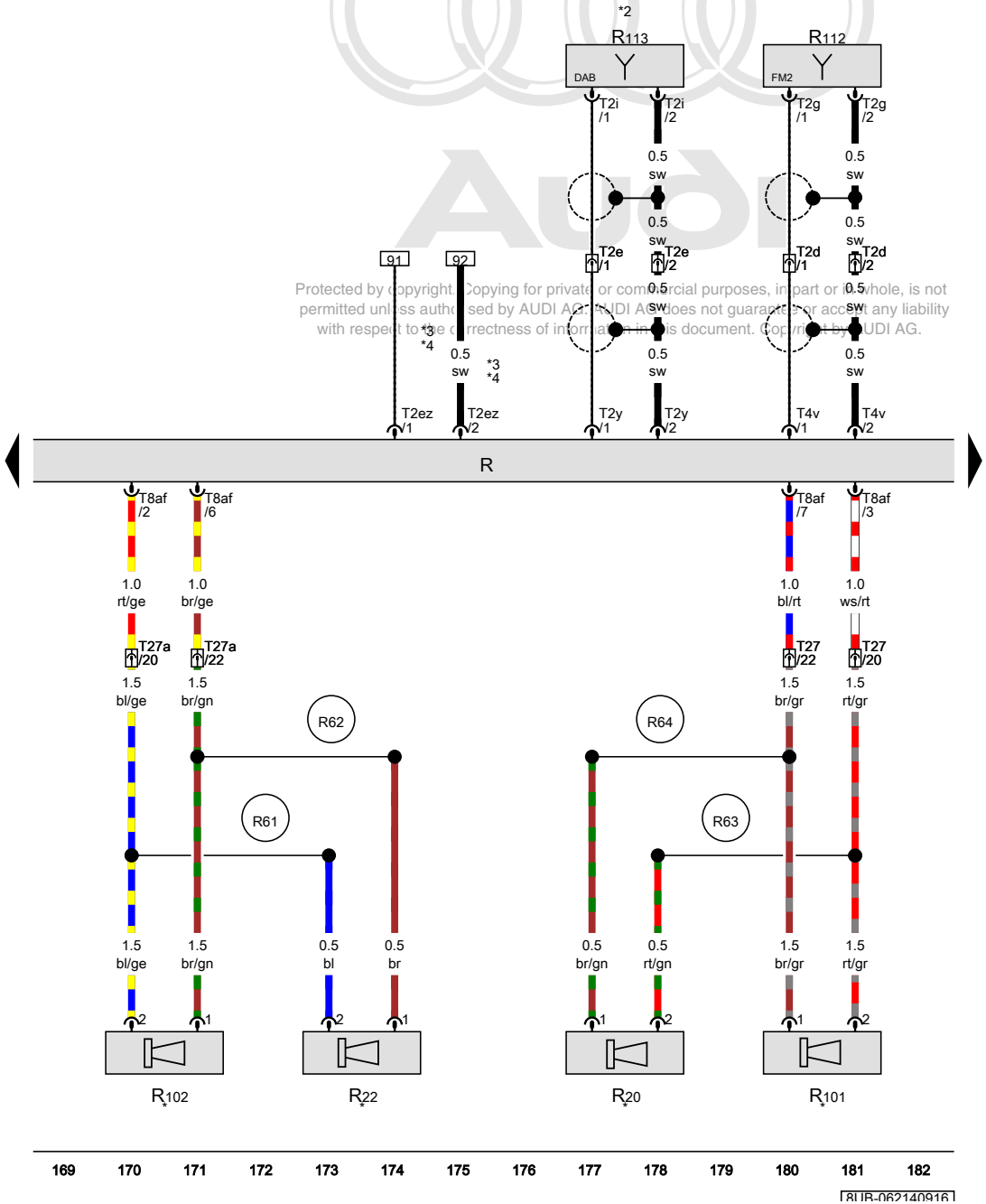


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Radio

R	Radio
T2dh	2-pin connector
T10ag	10-pin connector
61	Earth point, left C-pillar
*	see applicable current flow diagram for infotainment MOST bus
*2	According to equipment
*3	Only models with passive loudspeakers
*4	Up to April 2014
*5	Only models with BOSE sound system
*6	Only models with active loudspeakers
*7	From May 2014

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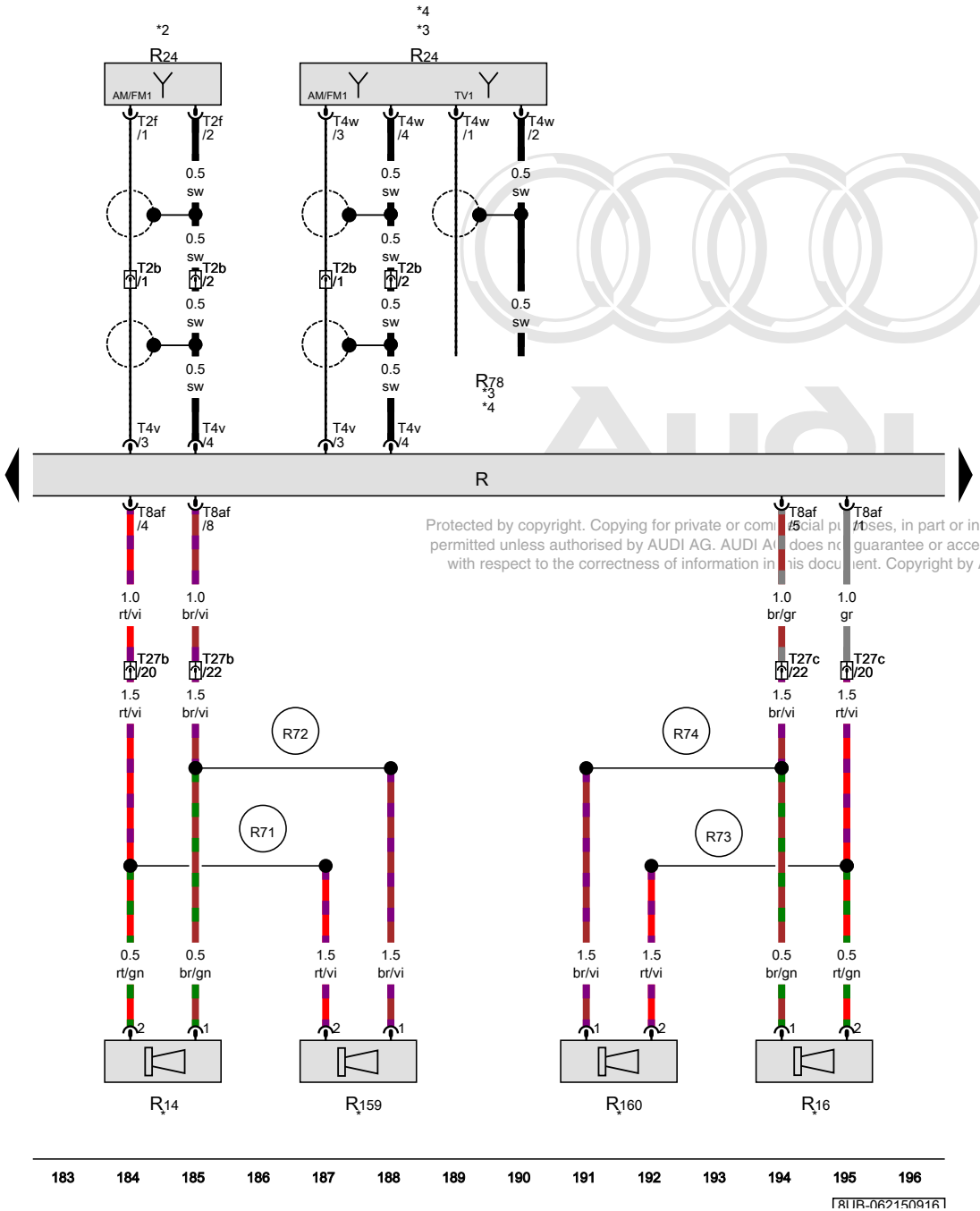


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Radio, Front left treble loudspeaker, Front right treble loudspeaker, Front left mid-range and bass loudspeaker, Front right mid-range and bass loudspeaker, Aerial amplifier 3, Aerial amplifier 4

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
R112	Aerial amplifier 3
R113	Aerial amplifier 4
T2d	2-pin connector, Coupling point for rear lid
T2e	2-pin connector, Coupling point for rear lid
T2ez	2-pin connector
T2g	2-pin connector
T2i	2-pin connector
T2y	2-pin connector
T4v	4-pin connector
T8af	8-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with passive loudspeakers
*2	According to equipment
*3	If fitted
*4	Only left-hand drive models



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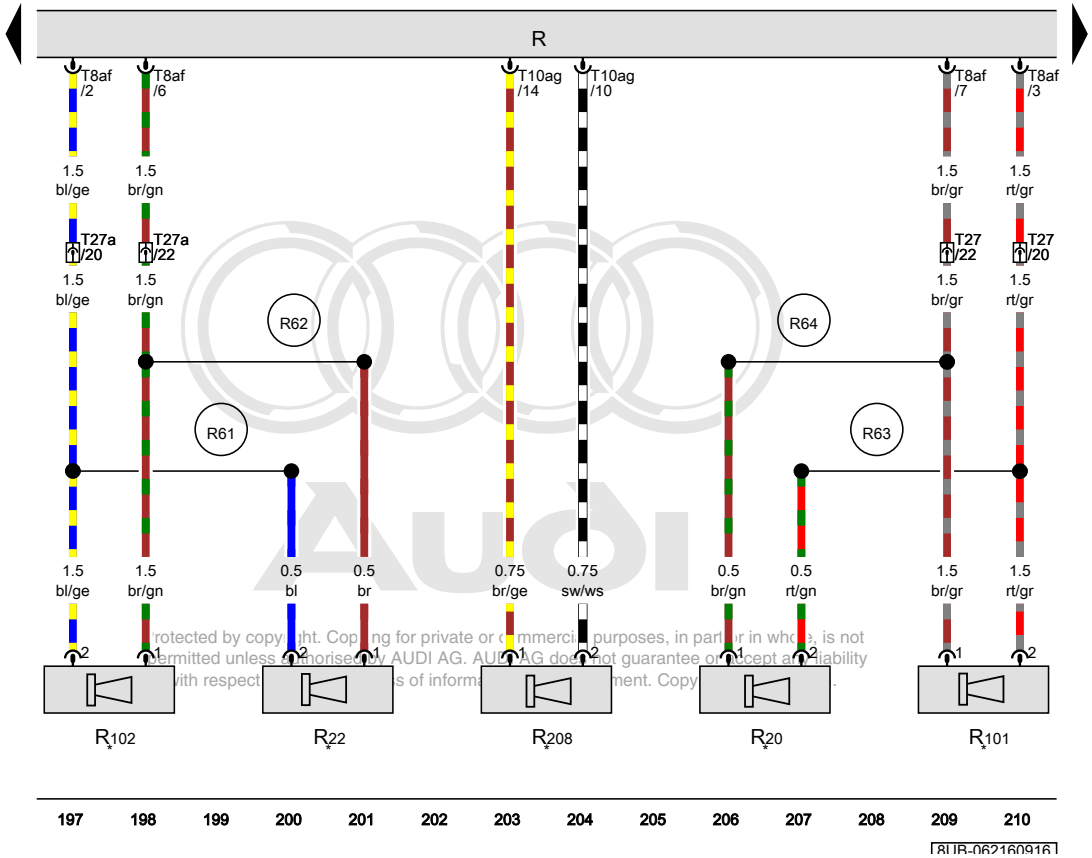
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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Aerial amplifier, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R24	Aerial amplifier
R78	TV tuner
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
T2aa	2-pin connector
T2b	2-pin connector, Coupling point for rear lid
T2f	2-pin connector
T4v	4-pin connector
T4w	4-pin connector
T8af	8-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with passive loudspeakers
*2	Only models with no TV receiver
*3	Only models with TV tuner
*4	see applicable current flow diagram

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

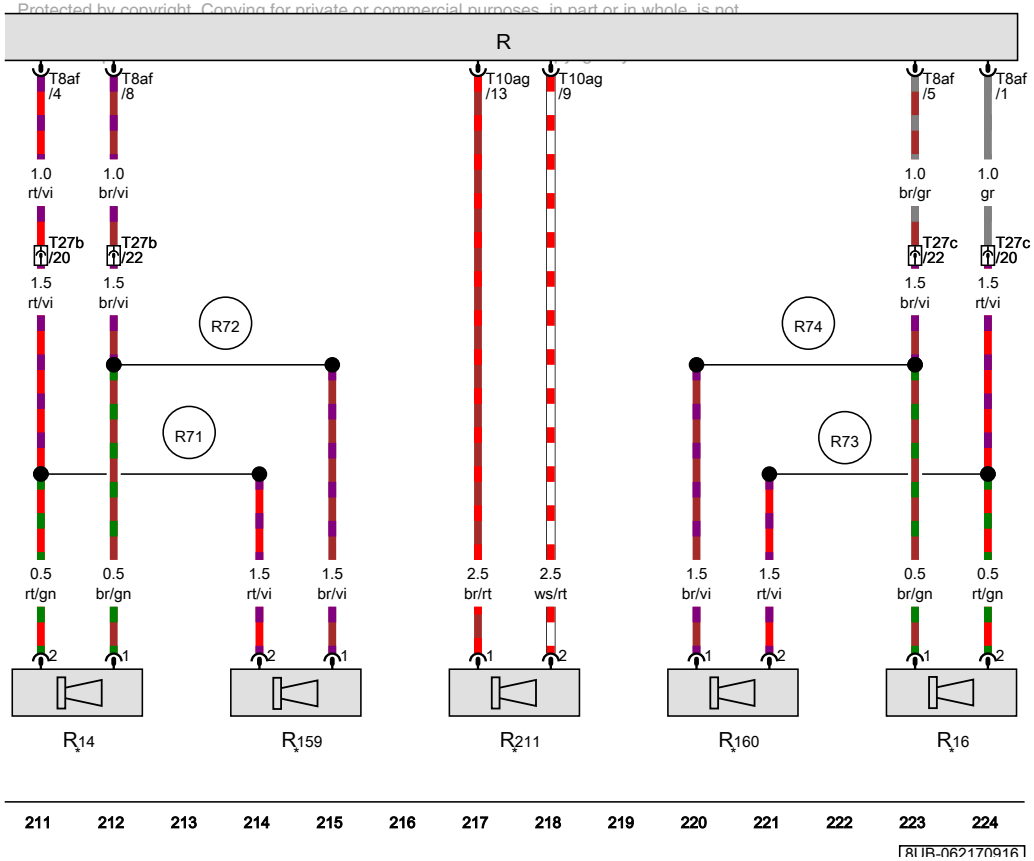
R	Radio
R20	Front left treble loudspeaker
R22	Front right treble loudspeaker
R101	Front left mid-range and bass loudspeaker
R102	Front right mid-range and bass loudspeaker
R208	Centre loudspeaker
T8af	8-pin connector
T10ag	10-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with active loudspeakers



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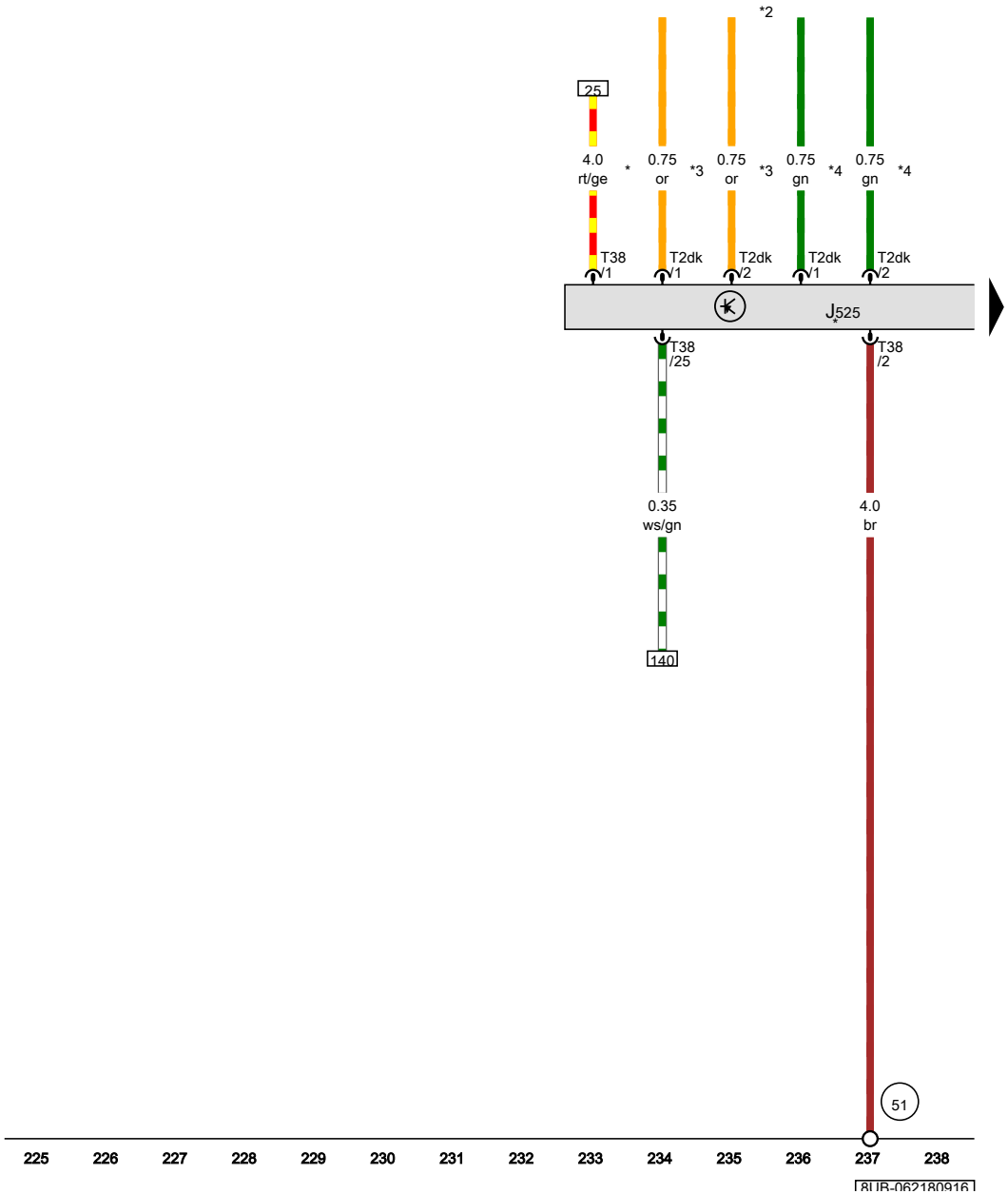
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Radio, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

R	Radio
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T8af	8-pin connector
T10ag	10-pin connector
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with active loudspeakers

Digital sound package control unit

J525	Digital sound package control unit
T2dk	2-pin connector
T38	38-pin connector
51	Earth point, on right in luggage compartment
*	Only models with BOSE sound system
*2	see applicable current flow diagram for infotainment MOST bus
*3	Up to April 2014
*4	From May 2014

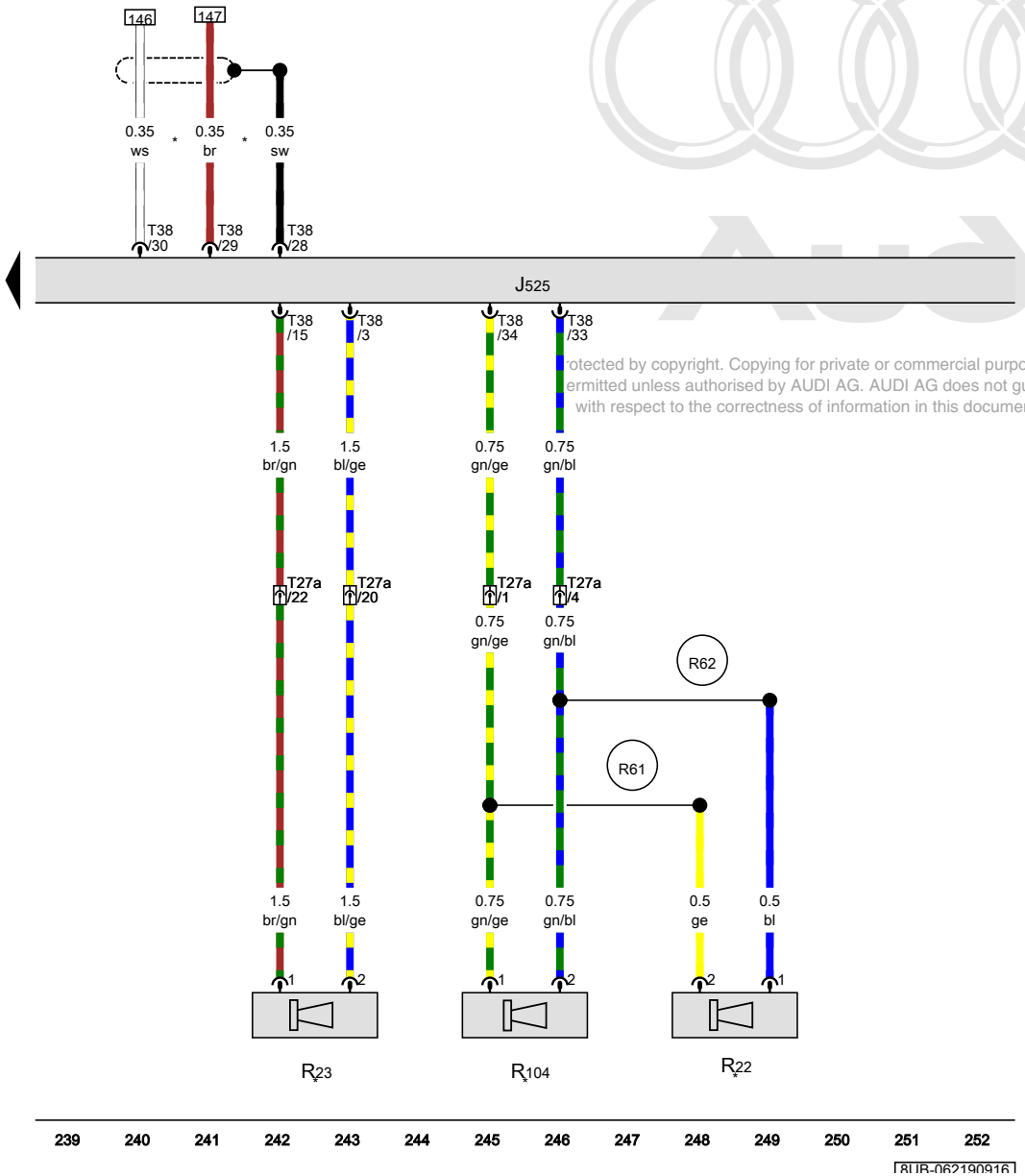


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rs	=	pink

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
T27a	27-pin connector, on right A-pillar
T38	38-pin connector
R61	Connection (positive, loudspeaker), in driver door wiring harness
R62	Connection (negative, loudspeaker), in driver door wiring harness
*	Only models with BOSE sound system

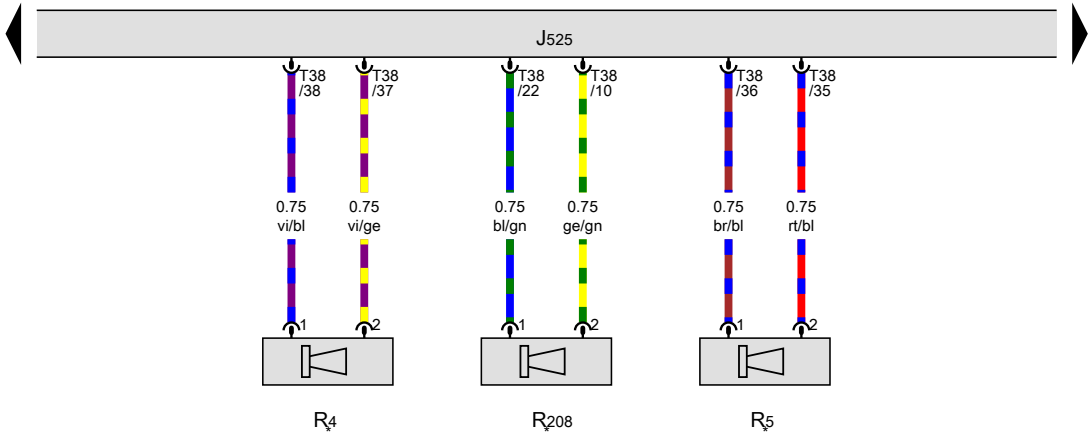


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or	=	orange
rs	=	pink

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

J525	Digital sound package control unit
R4	Rear left loudspeaker
R5	Rear right loudspeaker
R208	Centre loudspeaker
T38	38-pin connector
*	Only models with BOSE sound system



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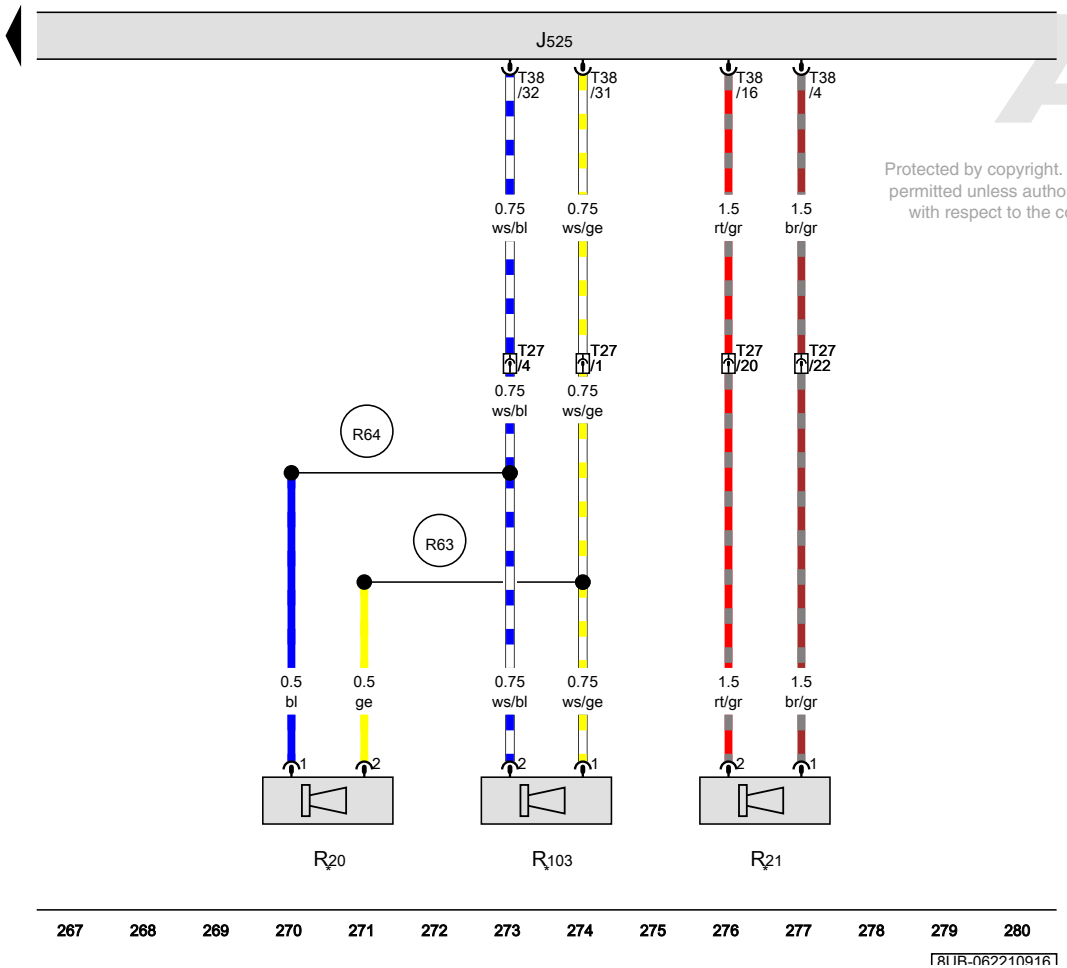
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Digital sound package control unit, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker

J525	Digital sound package control unit
R20	Front left treble loudspeaker
R21	Front left bass loudspeaker
R103	Front left mid-range loudspeaker
T27	27-pin connector, on left A-pillar
T38	38-pin connector
R63	Connection (positive, loudspeaker), in front passenger door wiring harness
R64	Connection (negative, loudspeaker), in front passenger door wiring harness
*	Only models with BOSE sound system



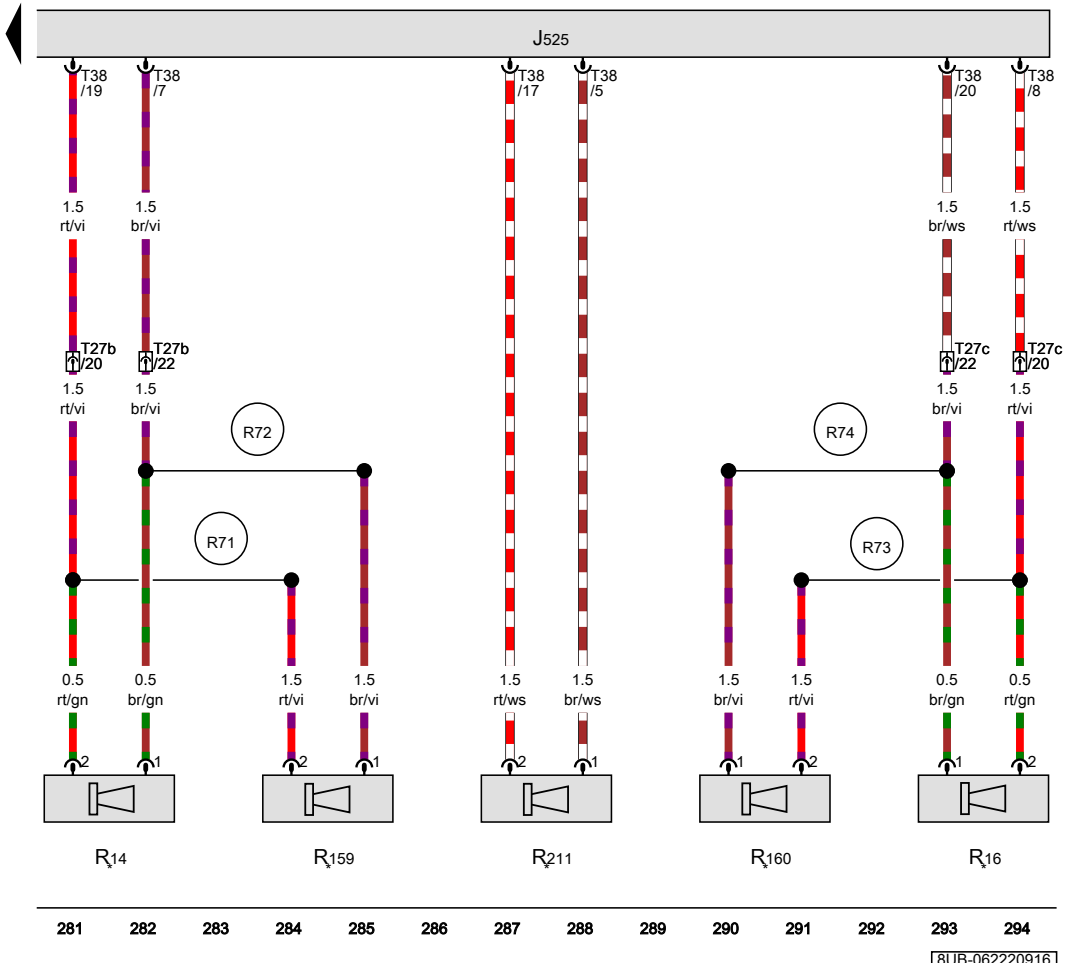
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Digital sound package control unit, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear left mid-range and bass loudspeaker, Rear right mid-range and bass loudspeaker, Subwoofer

J525	Digital sound package control unit
R14	Rear left treble loudspeaker
R16	Rear right treble loudspeaker
R159	Rear left mid-range and bass loudspeaker
R160	Rear right mid-range and bass loudspeaker
R211	Subwoofer
T27b	27-pin connector, on left B-pillar
T27c	27-pin connector, on right B-pillar
T38	38-pin connector
R71	Connection (positive, loudspeaker)), in rear left door wiring harness
R72	Connection (negative, loudspeaker), in rear left door wiring harness
R73	Connection (positive, loudspeaker)), in rear right door wiring harness
R74	Connection (negative, loudspeaker), in rear right door wiring harness
*	Only models with BOSE sound system

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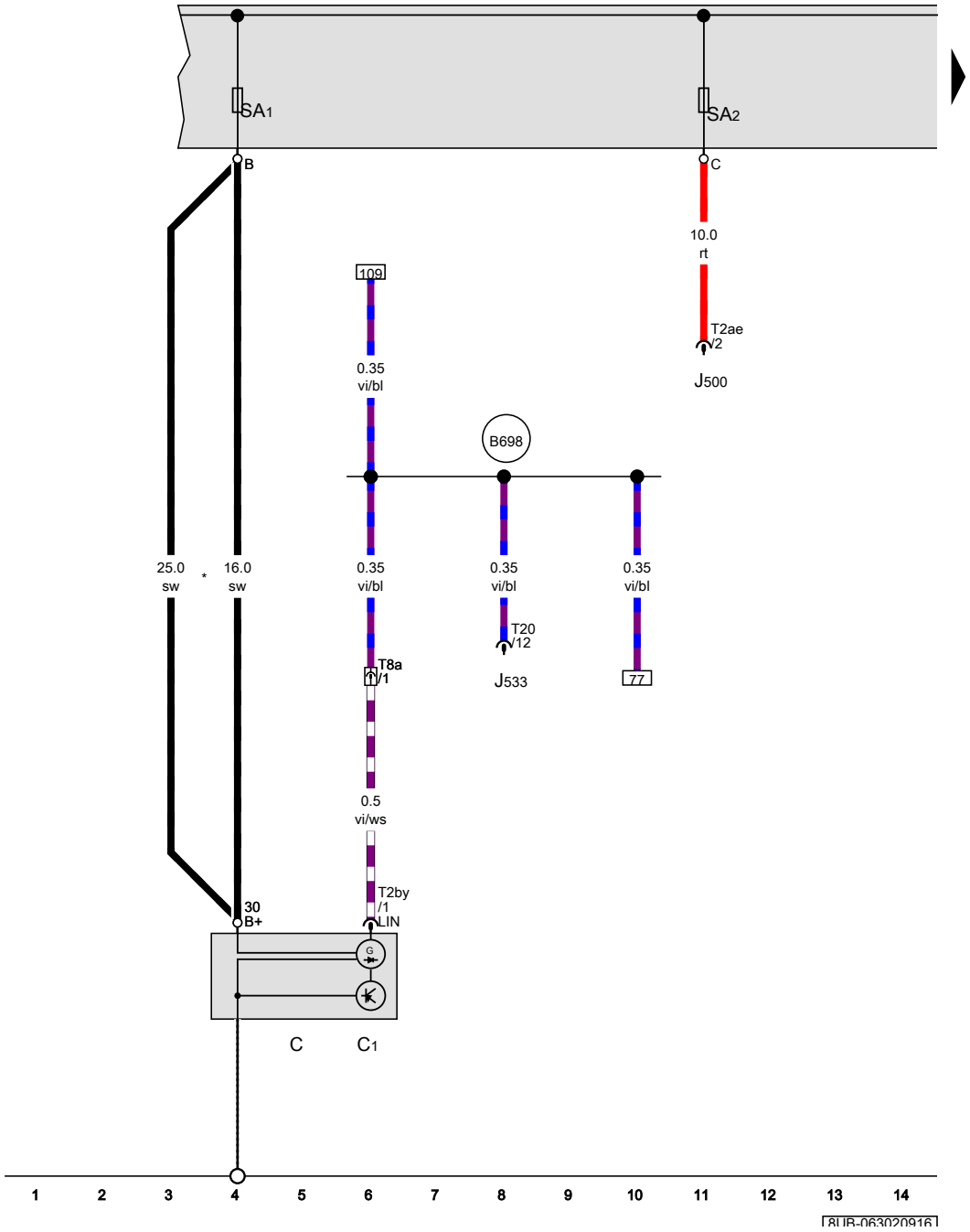


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Battery in luggage compartment with start/stop system and energy recovery , (7L6),(7L8)

From May 2013

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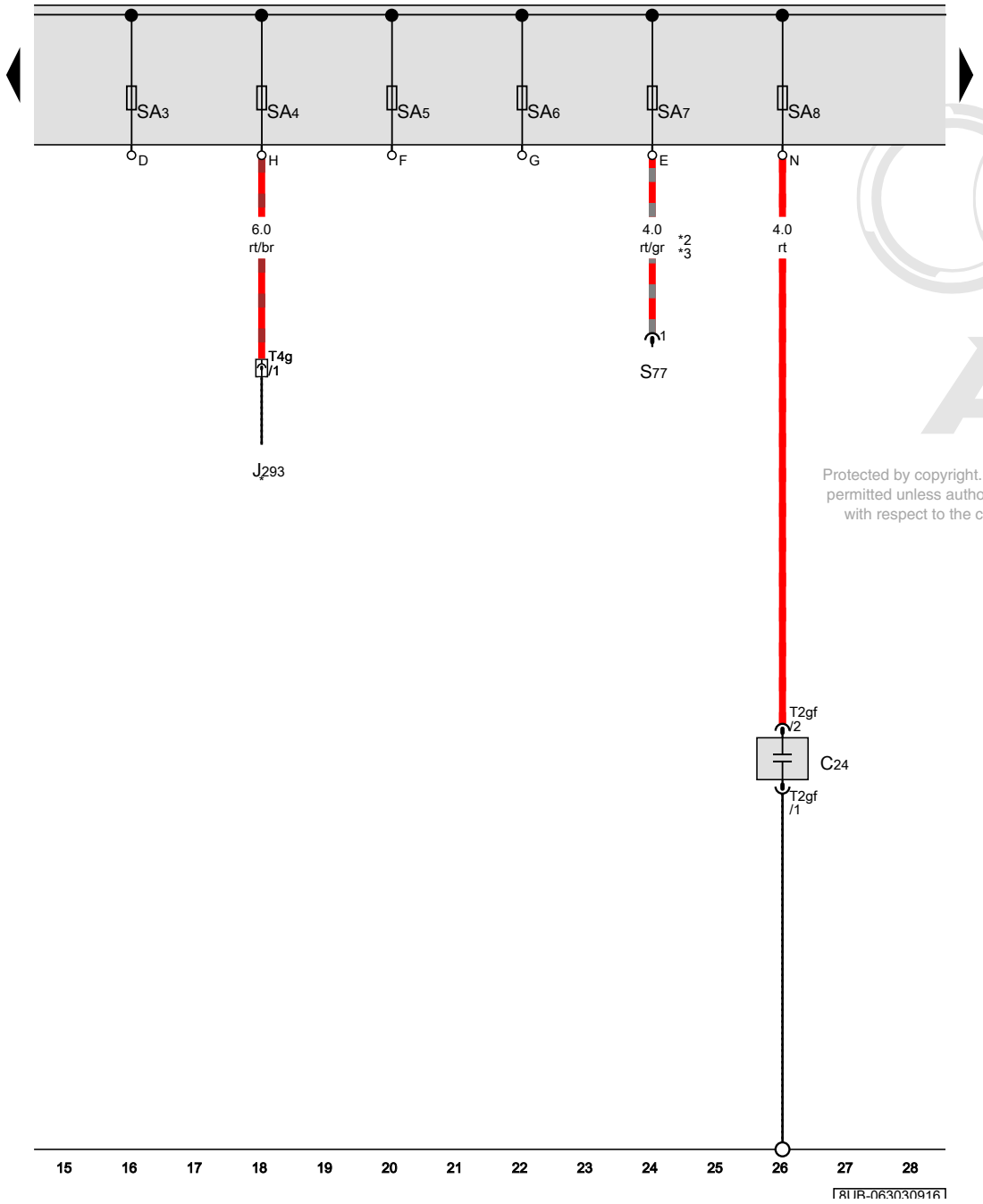


Alternator, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A

C	Alternator
C1	Voltage regulator
J500	Power steering control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
T2ae	2-pin connector
T2by	2-pin connector
T8a	8-pin connector, near front left longitudinal member
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with 140A alternator

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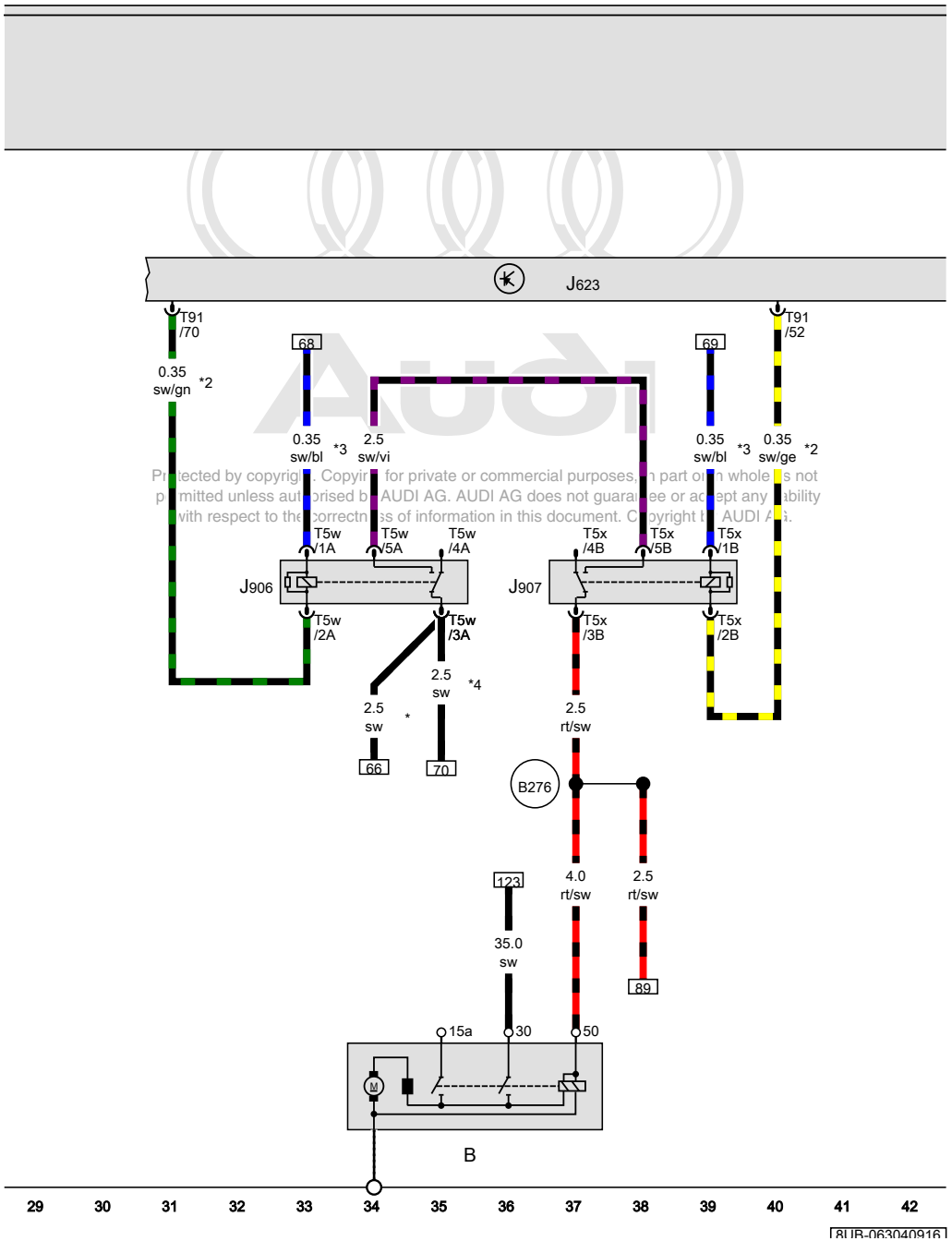


Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A, Fuse 8 on fuse holder A

C24	Suppression filter
J293	Radiator fan control unit
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
T2gf	2-pin connector
T4g	4-pin connector
*	see applicable current flow diagram for radiator fan
*2	Only right-hand drive models
*3	Only models with preparation for trailer coupling

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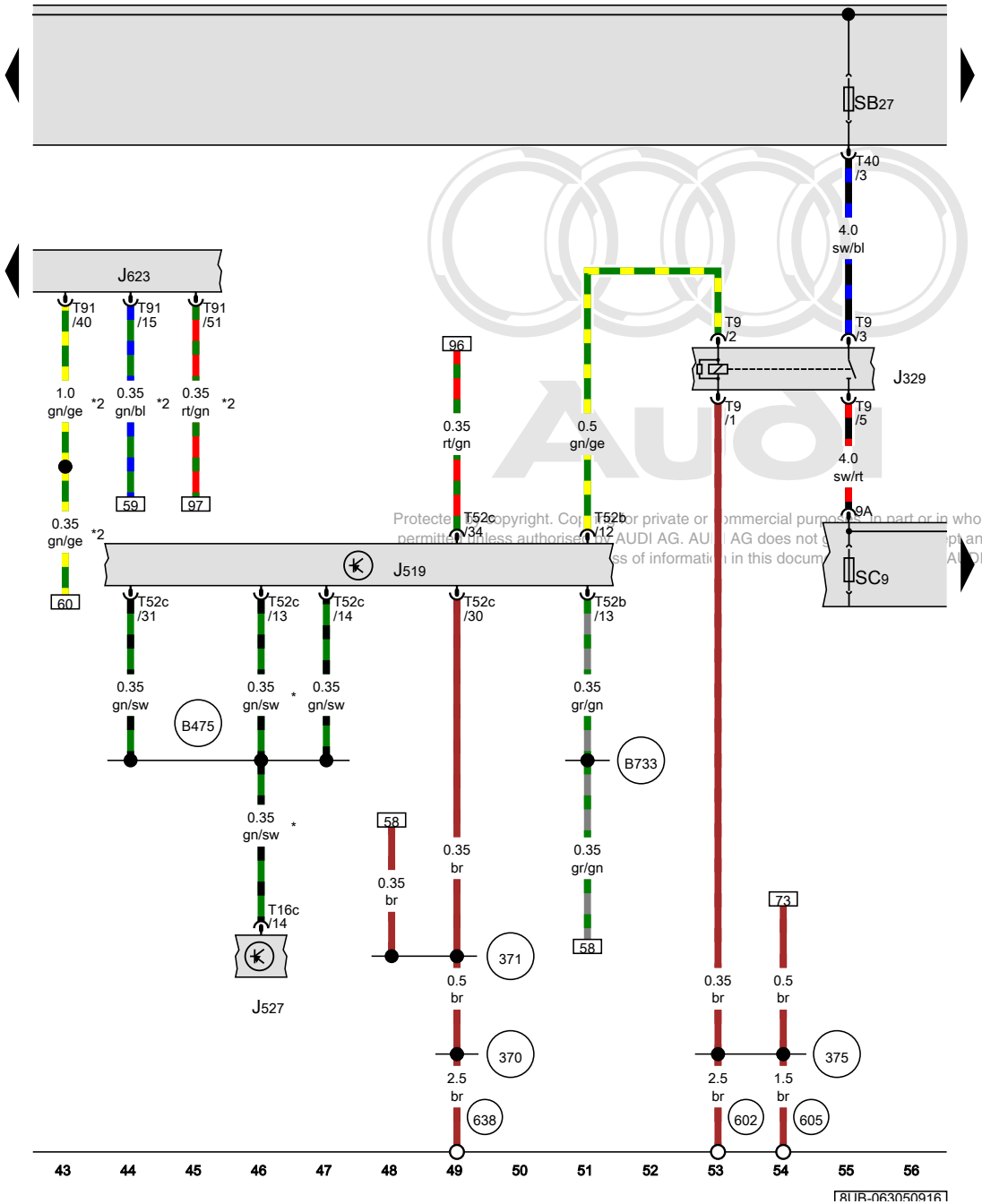


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Starter, Engine control unit, Starter relay 1, Starter relay 2

B	Starter
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T1a	1-pin connector
T5w	5-pin connector
T5x	5-pin connector
T91	91-pin connector
B276	Positive connection (50), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment
*4	Gradually discontinued

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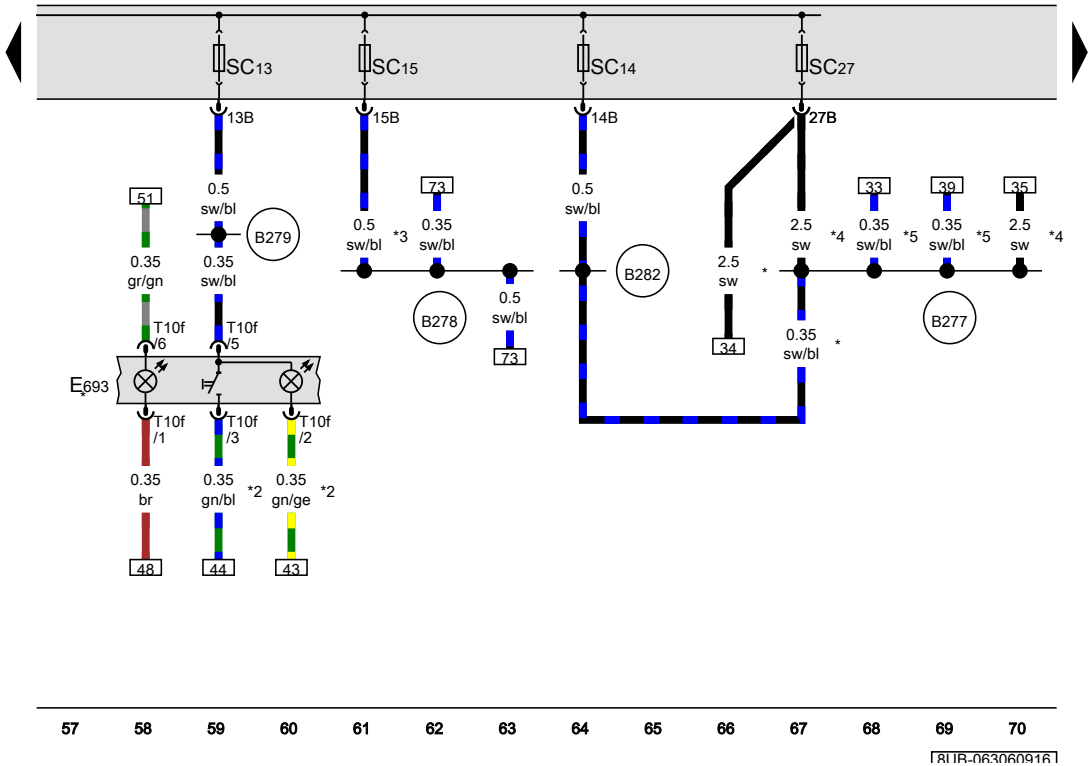


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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
SC9	Fuse 9 on fuse holder C
SB27	Fuse 27 on fuse holder B
T9	9-pin connector
T16c	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
T91	91-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only models with no entry and start authorisation
*2	see applicable current flow diagram for engine

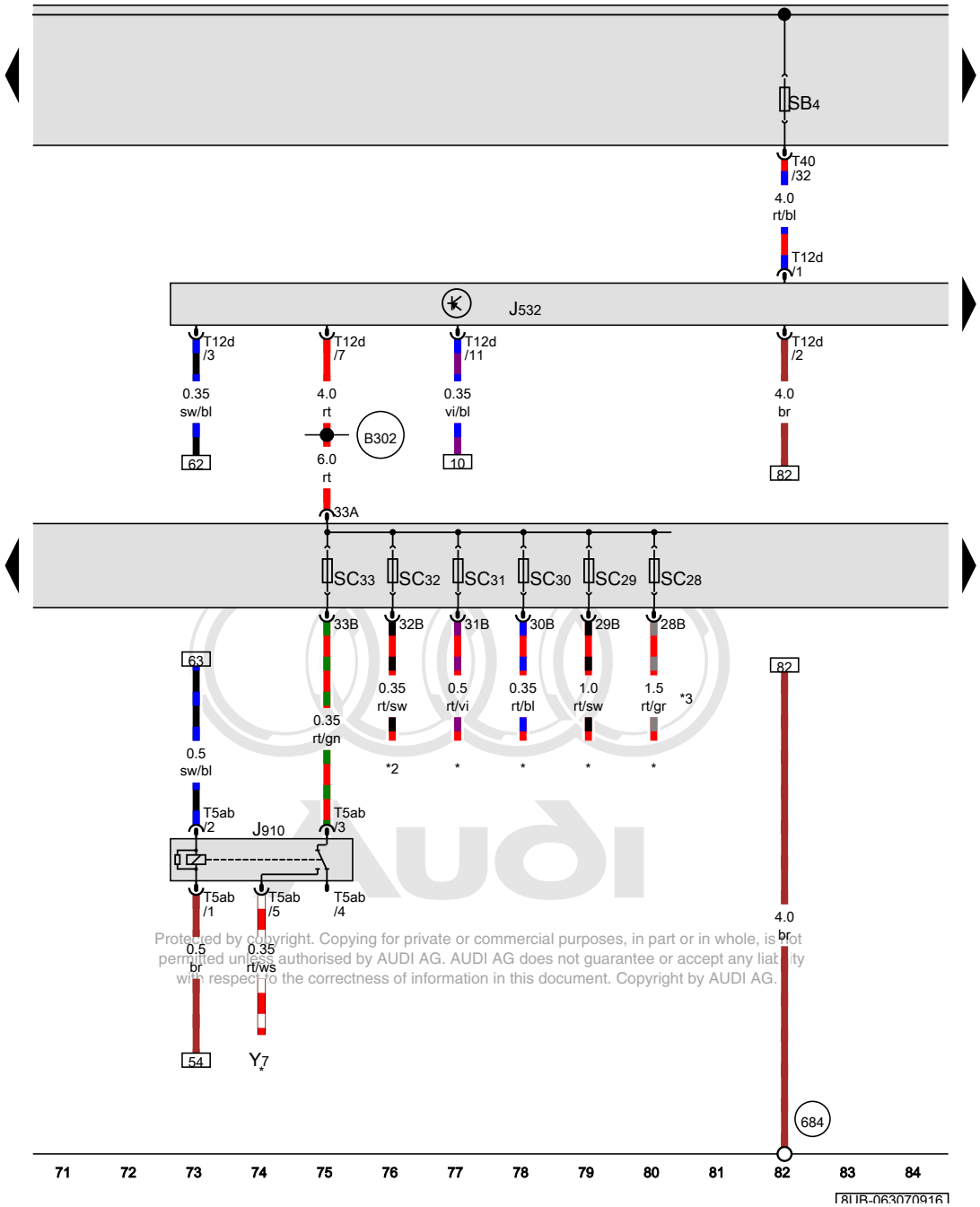


Start/Stop operation button

E693	Start/Stop operation button
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC27	Fuse 27 on fuse holder C
T10f	10-pin connector
B277	Positive connection 1 (15a) in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Cross section depends on equipment
*4	Gradually discontinued
*5	Wiring colour depends on equipment

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rt	=	red
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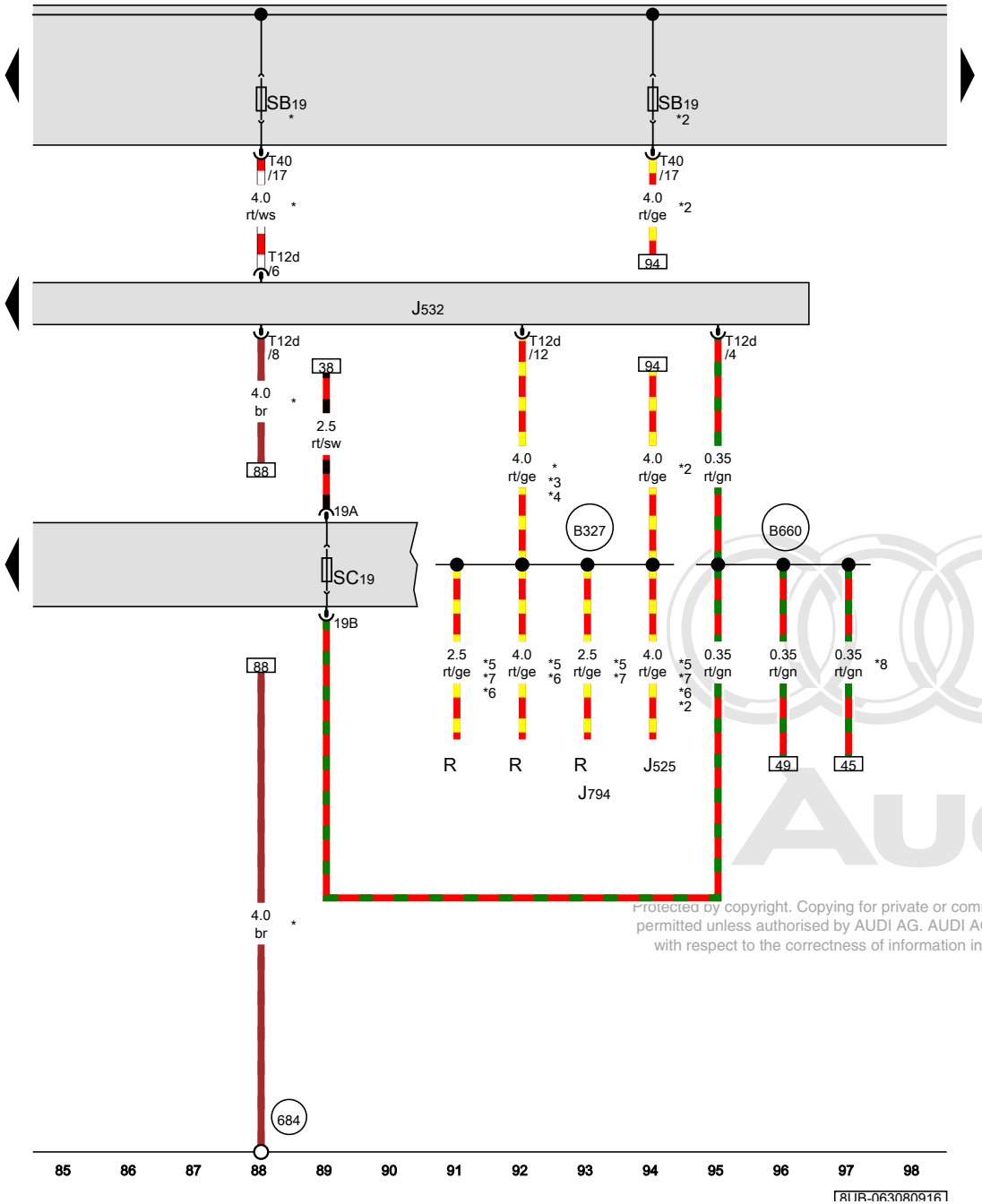


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Voltage stabiliser, Relay for automatic anti-dazzle interior mirror

J532	Voltage stabiliser
J910	Relay for automatic anti-dazzle interior mirror
SB4	Fuse 4 on fuse holder B
SC28	Fuse 28 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T5ab	5-pin connector
T12d	12-pin connector
T40	40-pin connector
Y7	Automatic anti-dazzle interior mirror
684	Earth point on front of left side member
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram
*2	see applicable current flow diagram for basic equipment
*3	Wiring colour depends on equipment

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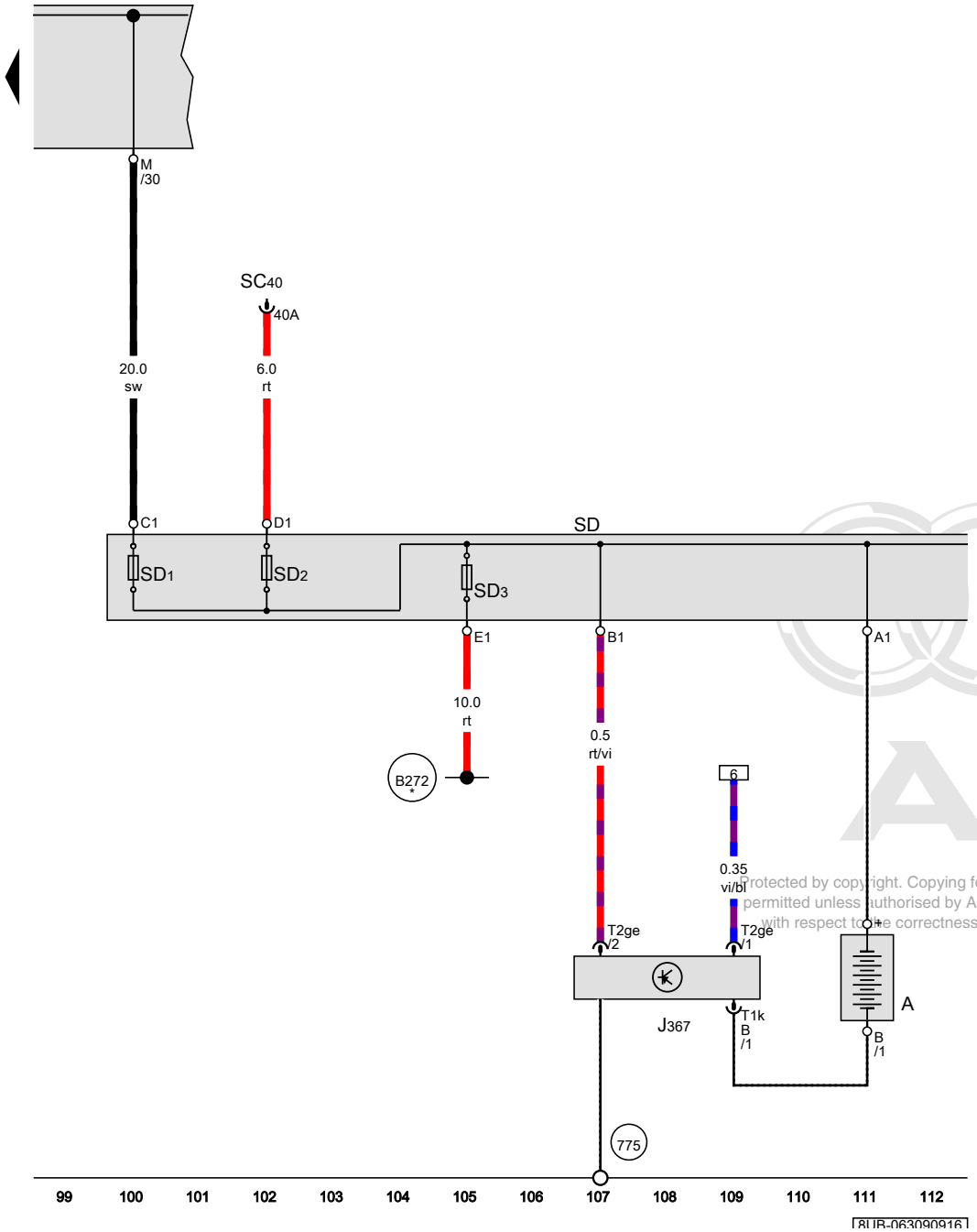


Voltage stabiliser

J525	Digital sound package control unit
J532	Voltage stabiliser
J794	Control unit 1 for information electronics
R	Radio
SB19	Fuse 19 on fuse holder B
SC19	Fuse 19 on fuse holder C
T12d	12-pin connector
T40	40-pin connector
684	Earth point on front of left side member
B327	Positive connection 13 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with 400 W voltage stabiliser
*2	Only models with BOSE sound system
*3	Only models with active loudspeakers
*4	Only models with passive loudspeakers
*5	see applicable current flow diagram
*6	Only models with MMI
*7	Only models with radio concert
*8	see applicable current flow diagram for engine

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sw	=	black
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Battery, Fuse holder D

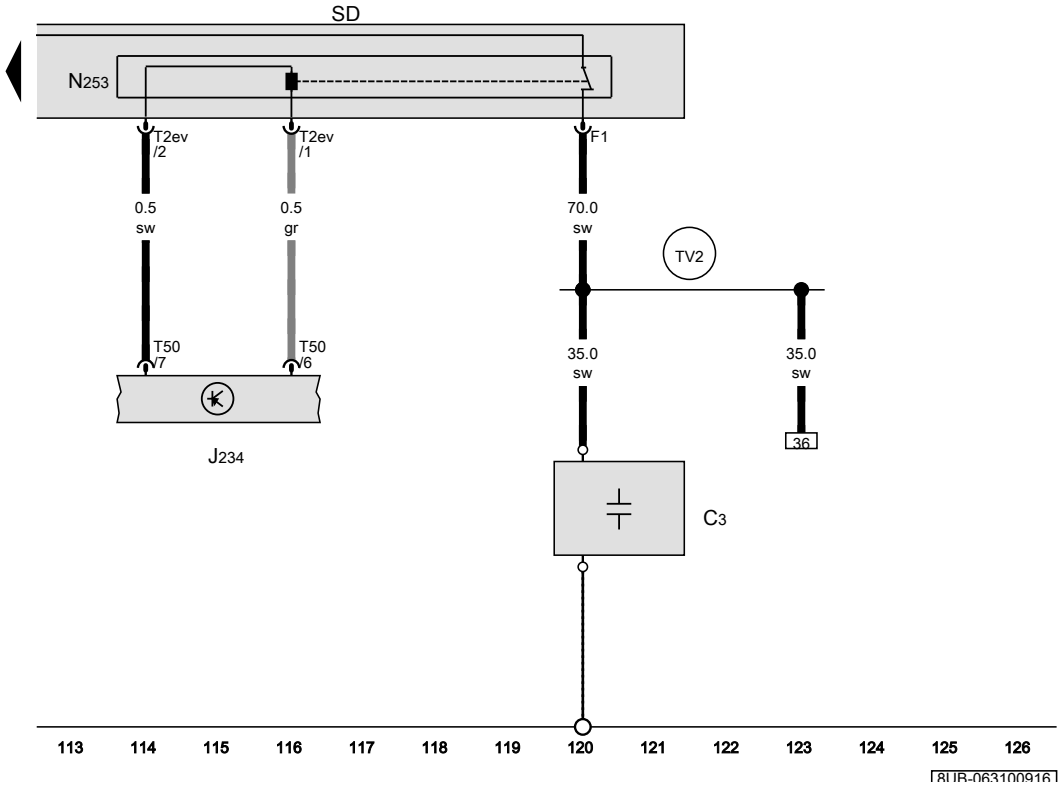
A	Battery
J367	Battery monitor control unit
SC40	Fuse 40 on fuse holder C
SD	Fuse holder D
SD1	Fuse 1 on fuse holder D
SD2	Fuse 2 on fuse holder D
SD3	Fuse 3 on fuse holder D
T1k	1-pin connector
T2ge	2-pin connector
T2gf	2-pin connector
775	Earth point 3, on right in luggage compartment
B272	Positive connection (30), in main wiring harness
*	see applicable current flow diagram

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ge	=	yellow
or	=	orange
rs	=	pink

Terminal B+ suppressor, Fuse holder D

C3	Terminal B+ suppressor
J234	Airbag control unit
N253	Battery isolation igniter
SD	Fuse holder D
T2ev	2-pin connector
T50	50-pin connector
TV2	Terminal 30 wiring junction



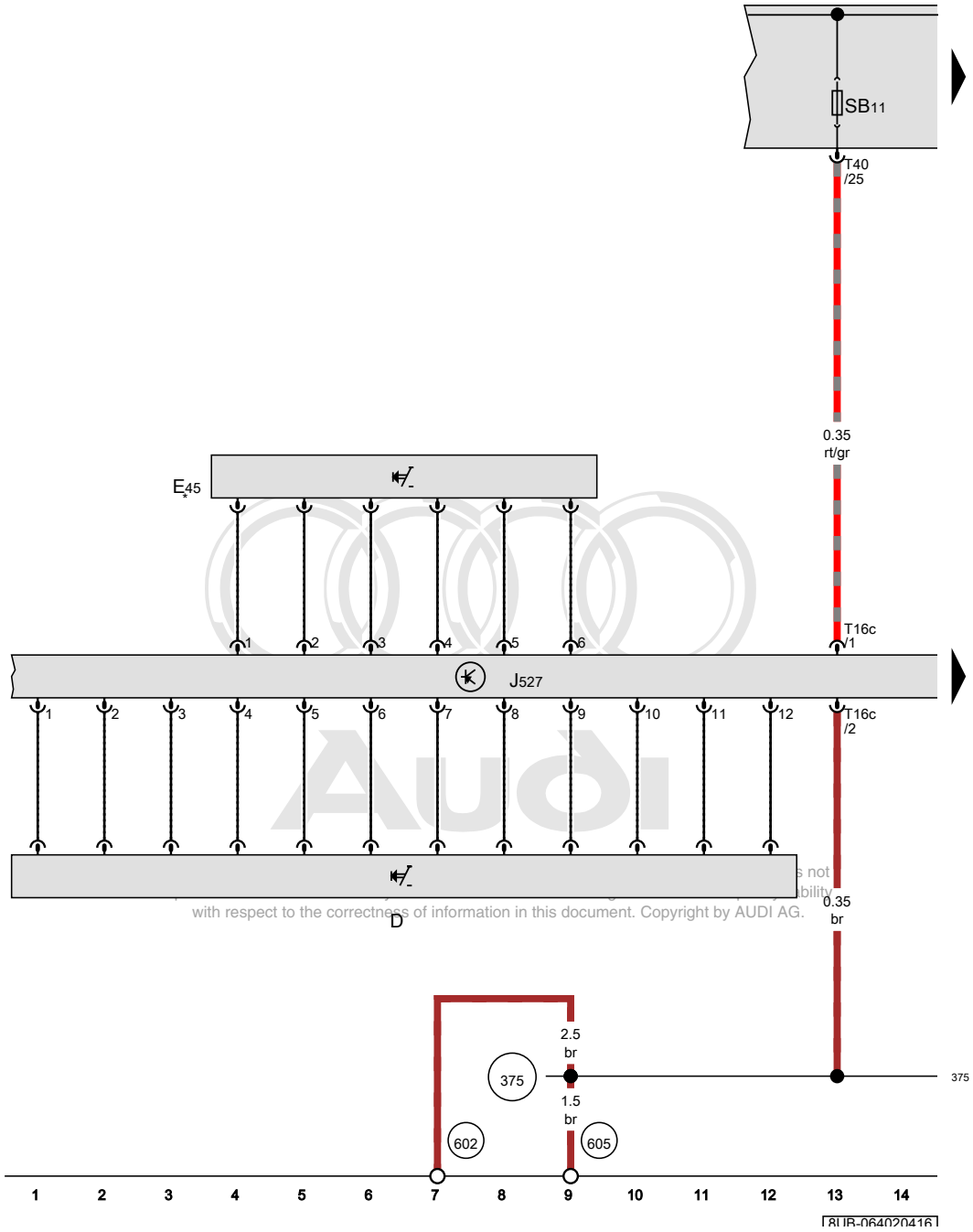
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2.5l petrol engine , CTSA

From May 2013

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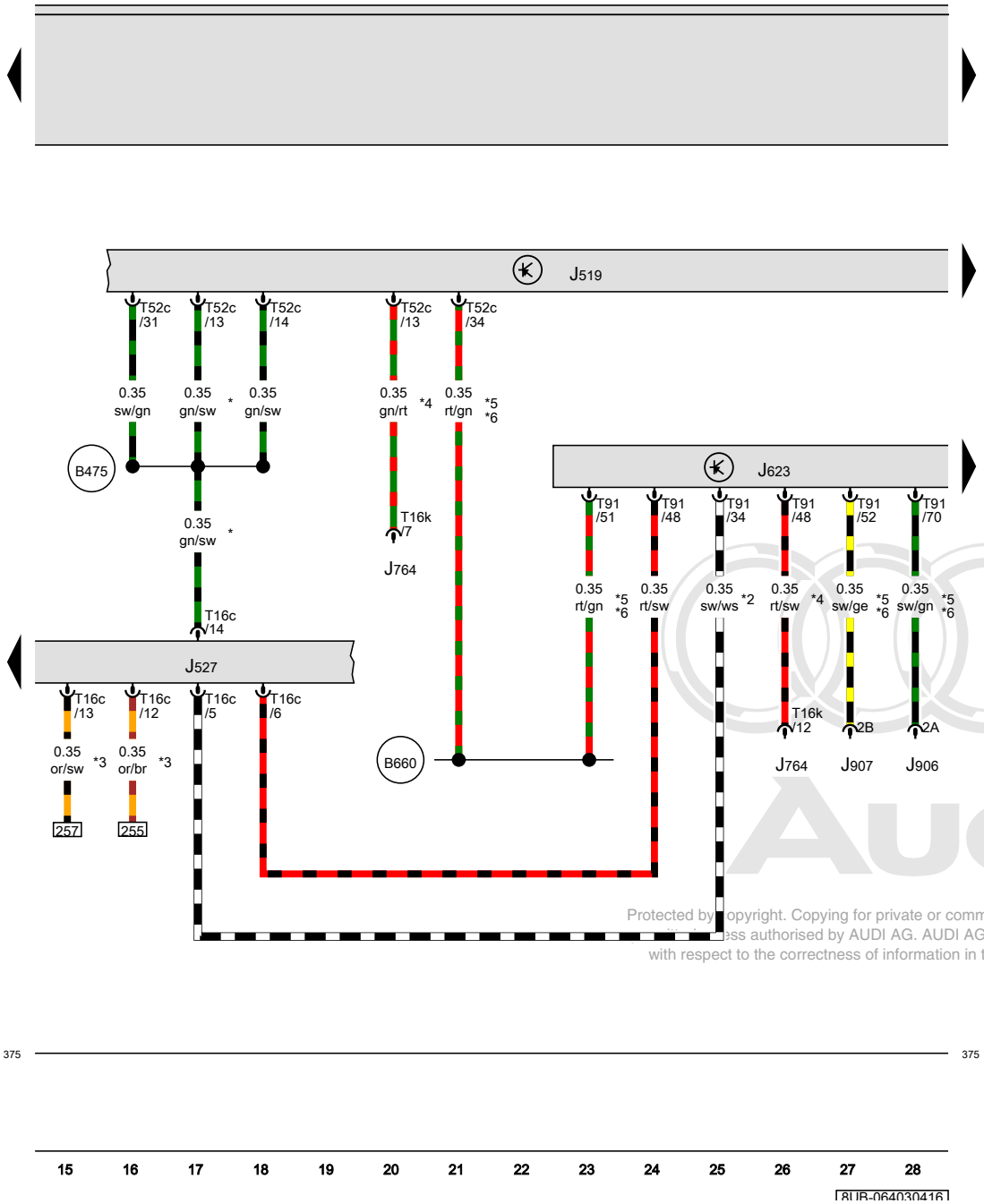


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Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

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rt	=	red
br	=	brown
gn	=	green
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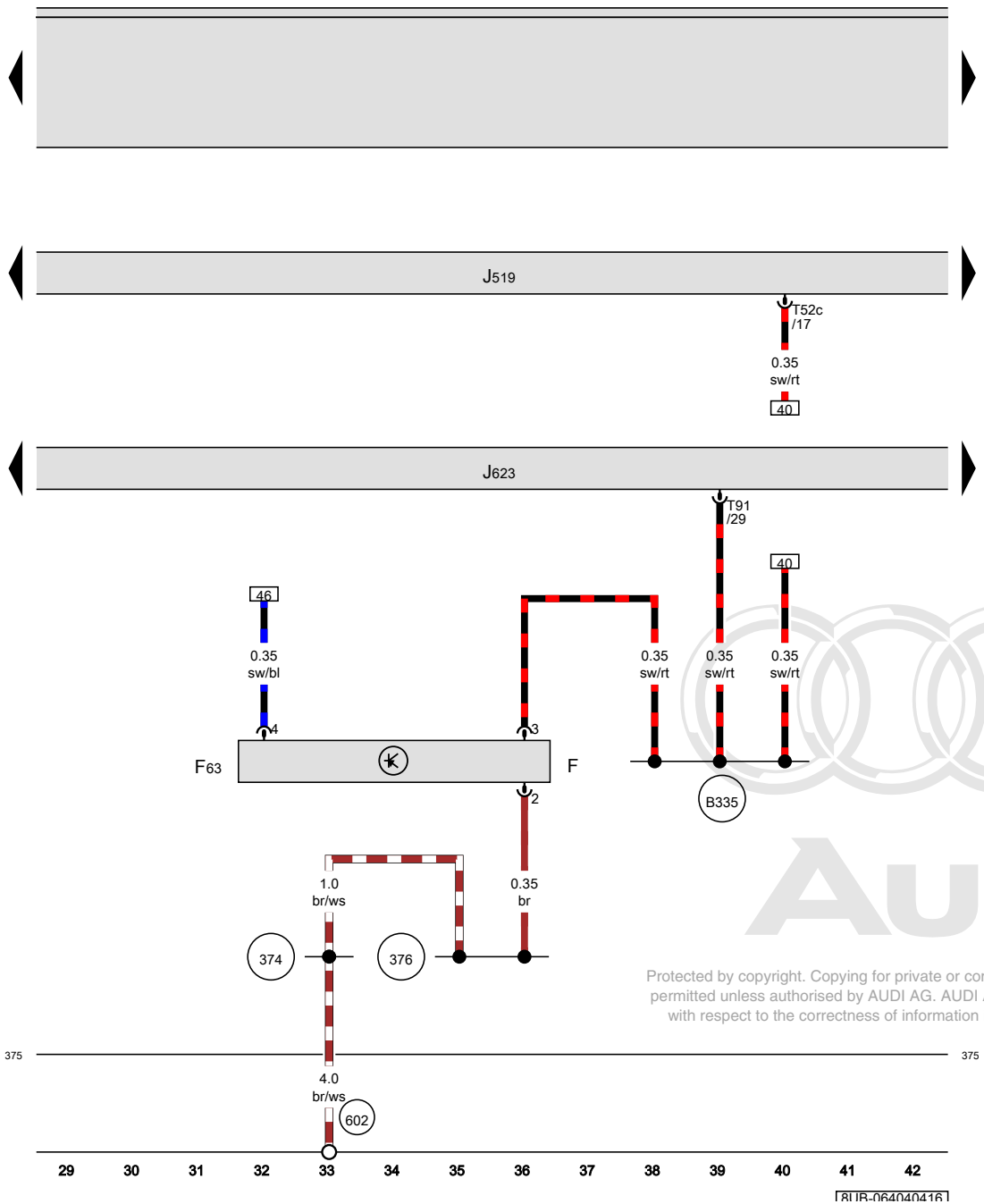


Onboard supply control unit, Steering column electronics control unit, Engine control unit

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T16c	16-pin connector
T16k	16-pin connector
T52c	52-pin connector
T91	91-pin connector
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only left-hand drive models
*4	Only models with entry and start authorisation
*5	Only models with battery in luggage compartment
*6	see applicable current flow diagram

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ro	=	red
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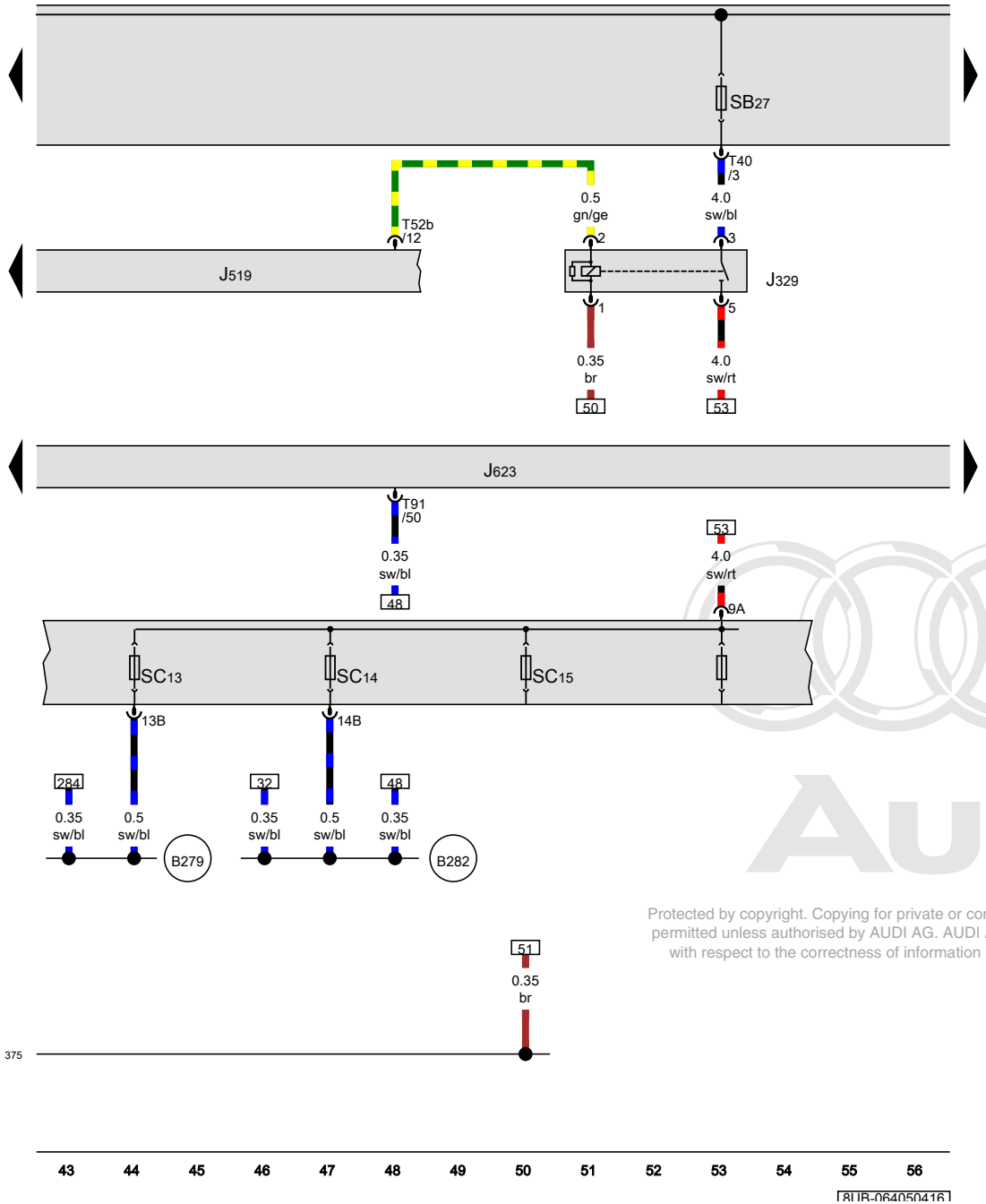


Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
T52c	52-pin connector
T91	91-pin connector
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness

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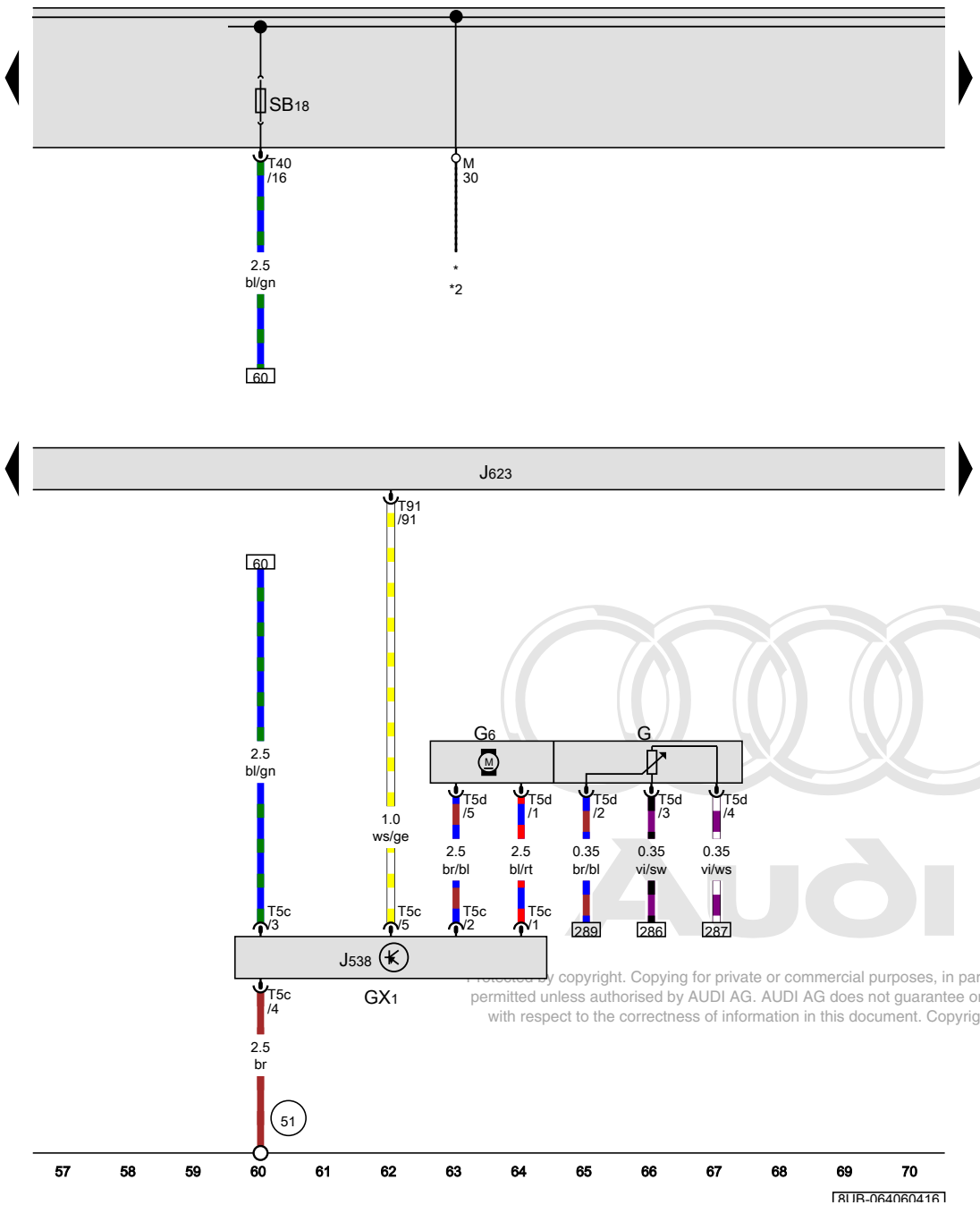


Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SB27	Fuse 27 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
T91	91-pin connector
375	Earth connection 10, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness

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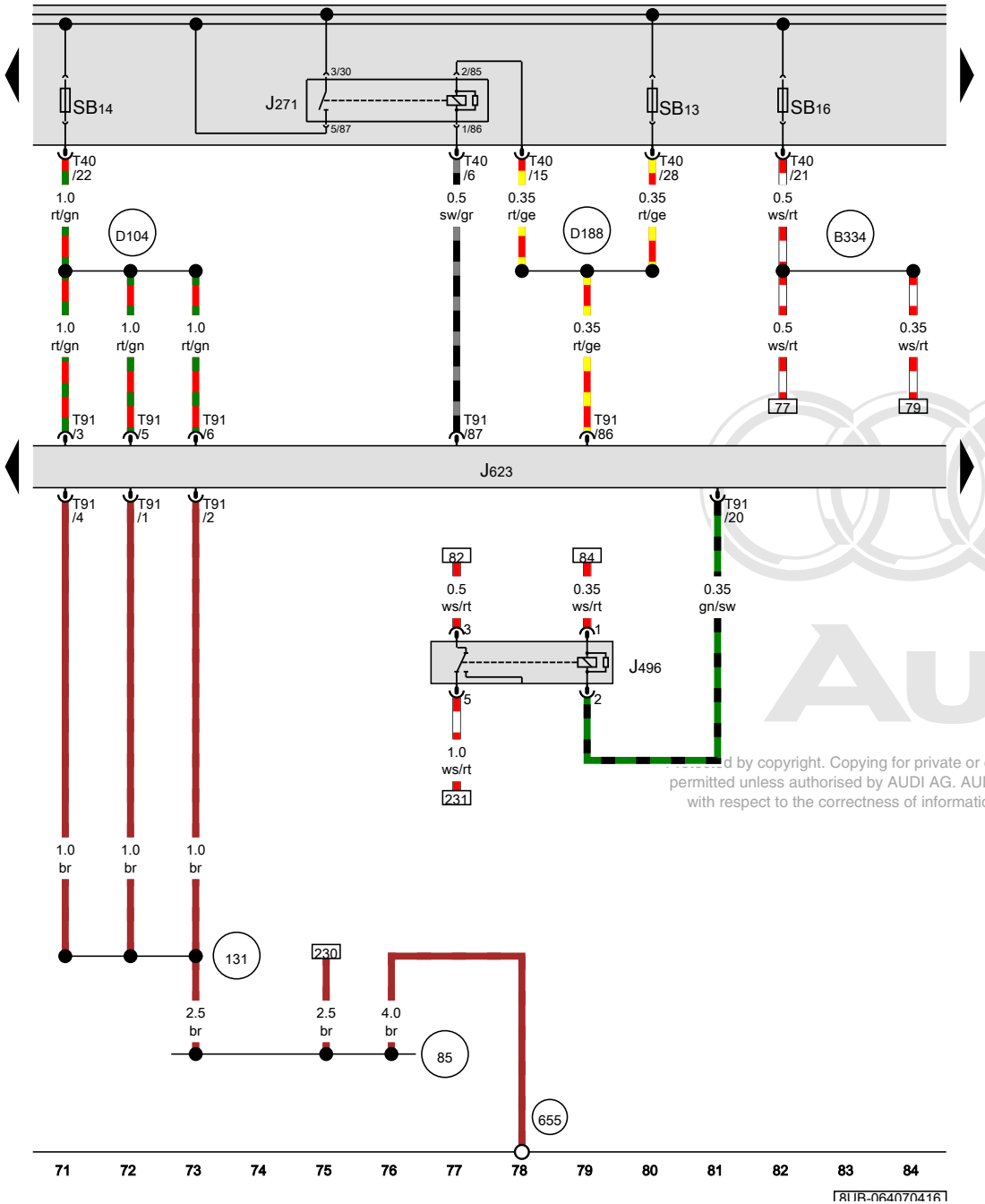


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
T5c	5-pin connector
T5d	5-pin connector
T40	40-pin connector
T91	91-pin connector
51	Earth point, on right in luggage compartment
*	see applicable current flow diagram
*2	Only models with battery in luggage compartment

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Main relay, Additional coolant pump relay, Engine control unit

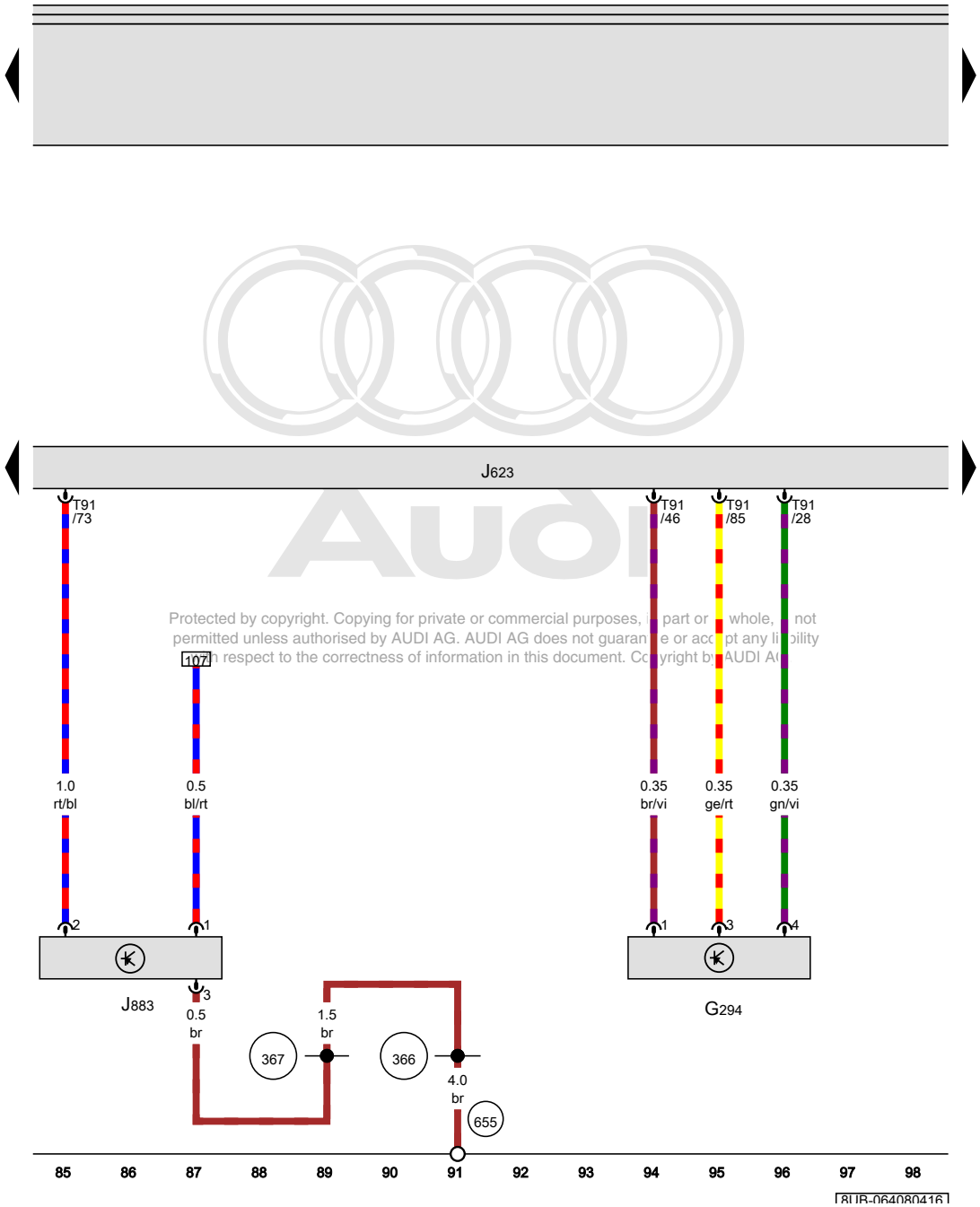
J271	Main relay
J496	Additional coolant pump relay
J623	Engine control unit
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
T40	40-pin connector
T91	91-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
655	Earth point, on left headlight
B334	Positive connection 20 (30a) in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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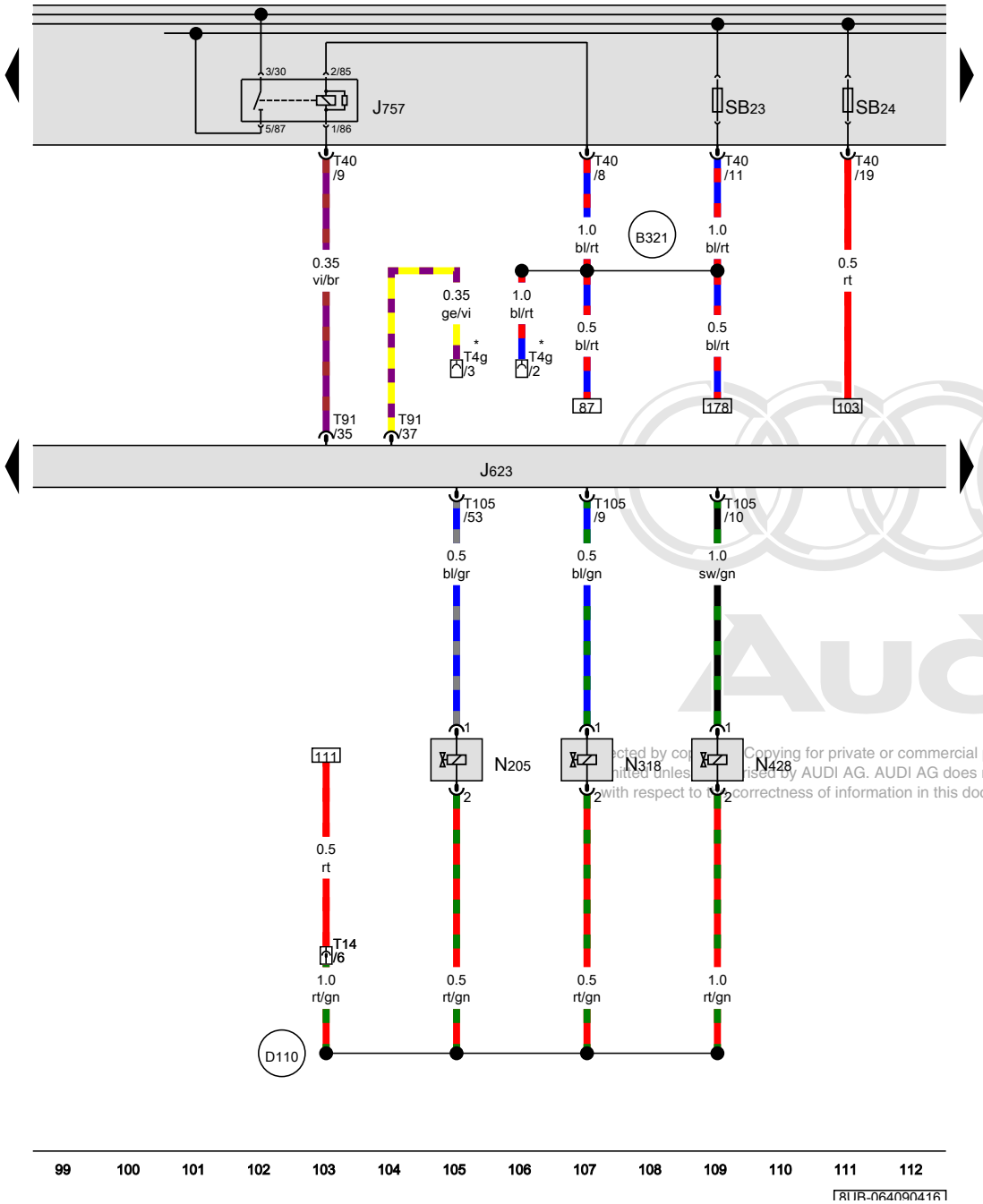
Brake servo pressure sensor, Engine control unit, Exhaust flap control unit

G294	Brake servo pressure sensor
J623	Engine control unit
J883	Exhaust flap control unit
T91	91-pin connector
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight



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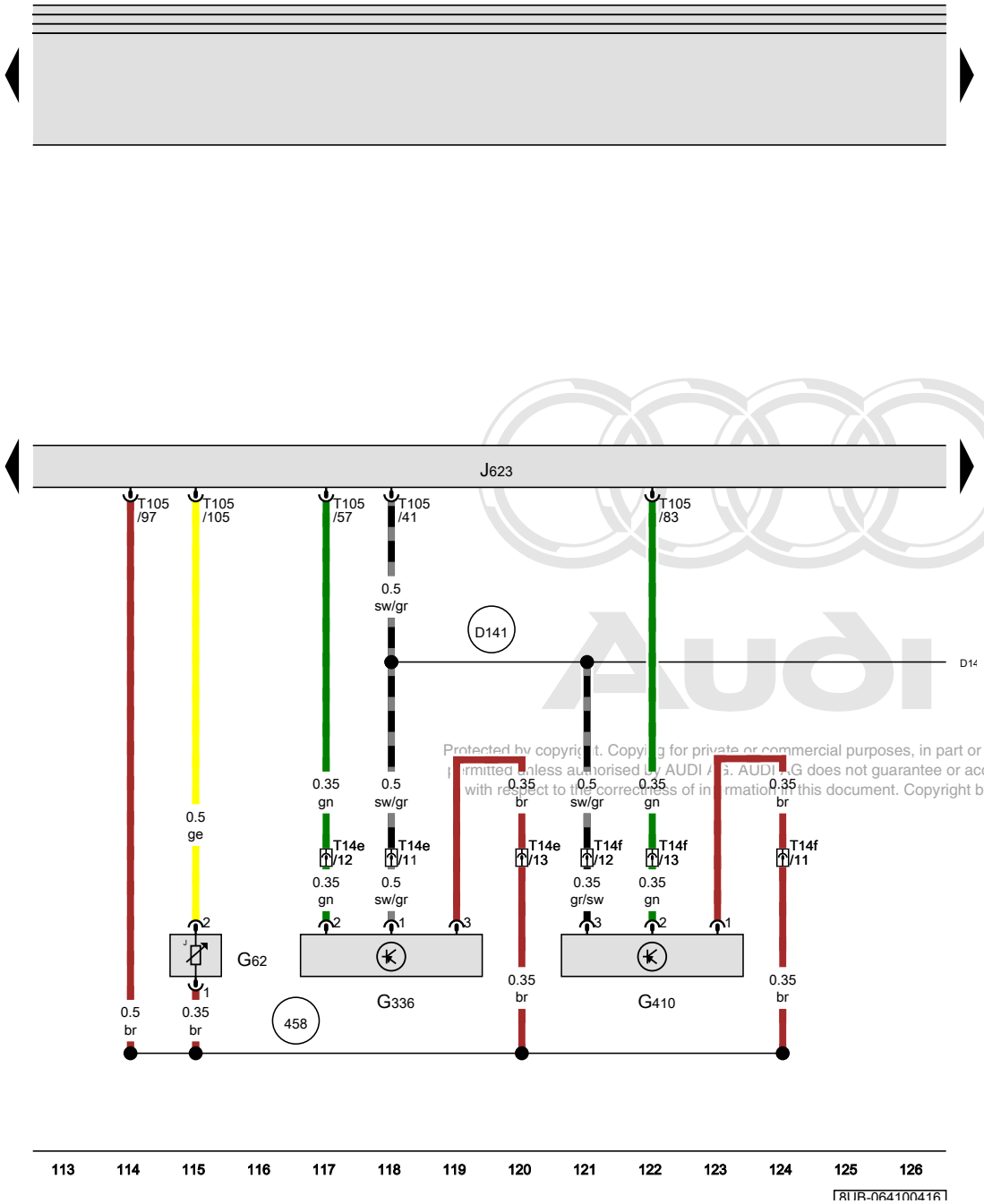


Engine control unit, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

J623	Engine control unit
J757	Engine component current supply relay
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4g	4-pin connector
T14	14-pin connector
T40	40-pin connector
T91	91-pin connector
T105	105-pin connector
B321	Positive connection 7 (30a) in main wiring harness
D110	Connection 8 in engine compartment wiring harness
*	Radiator fan connection

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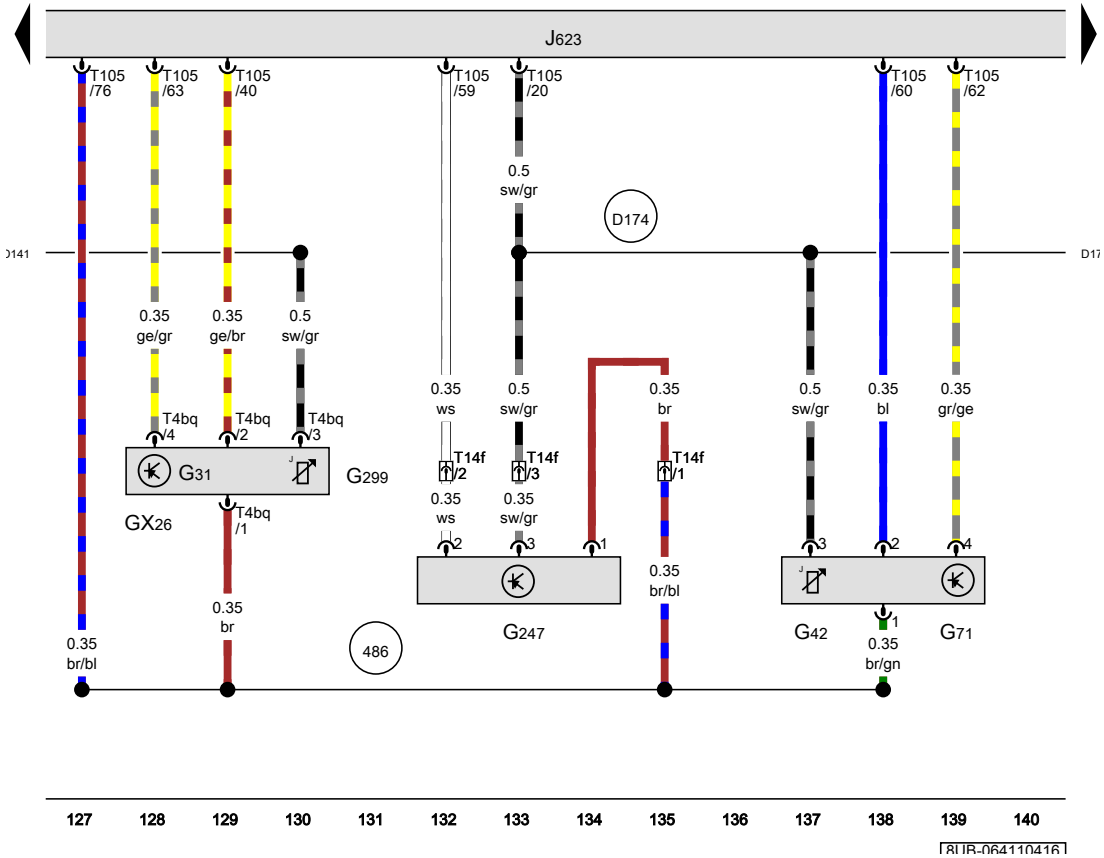
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Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit

G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T14e	14-pin connector
T14f	14-pin connector
T105	105-pin connector
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

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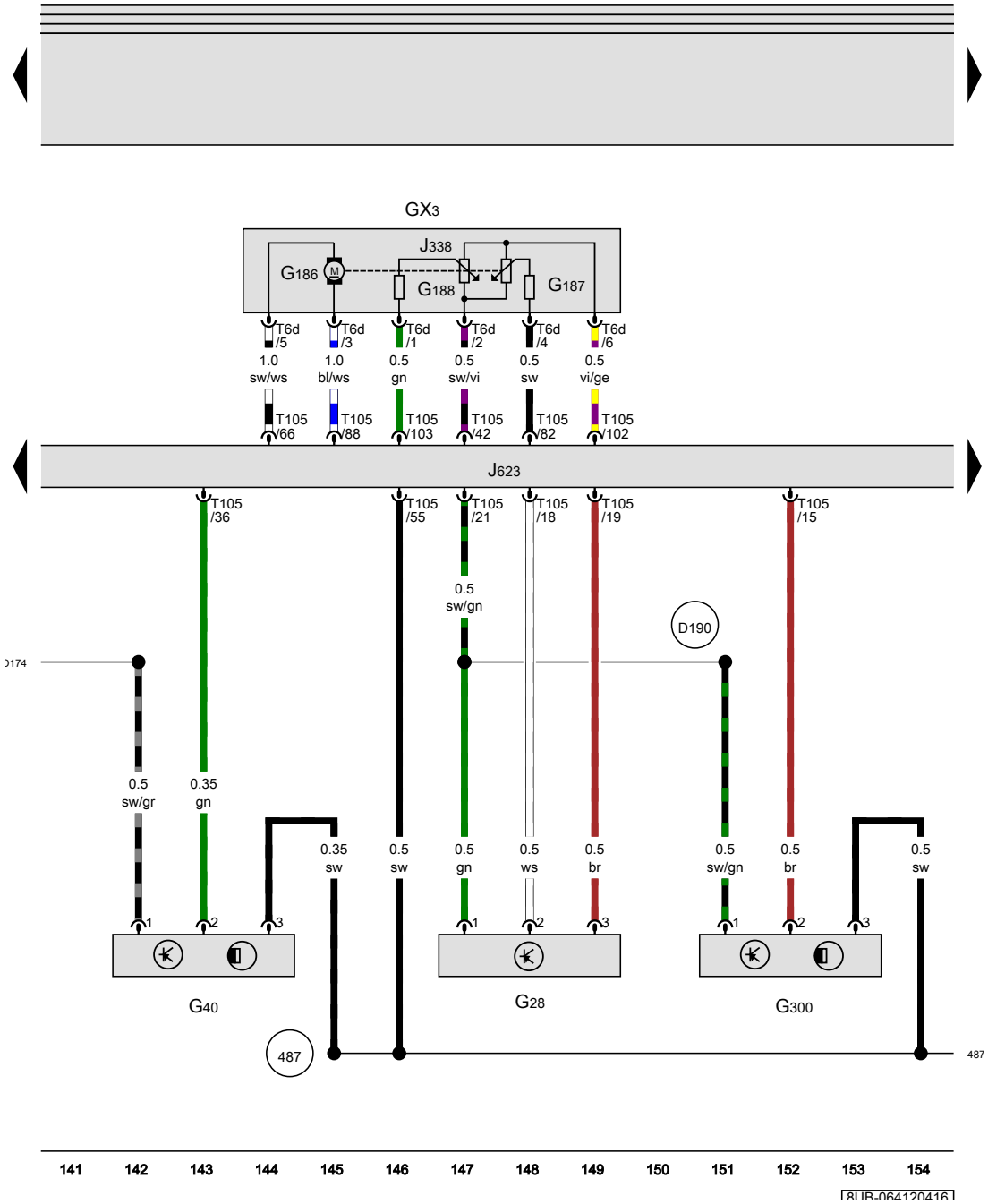
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Charge pressure sender, Charge pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine control unit

GX26	Charge pressure sender
G31	Charge pressure sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G299	Intake air temperature sender 2
J623	Engine control unit
T4bq	4-pin connector
T14f	14-pin connector
T105	105-pin connector
486	Earth point 4, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

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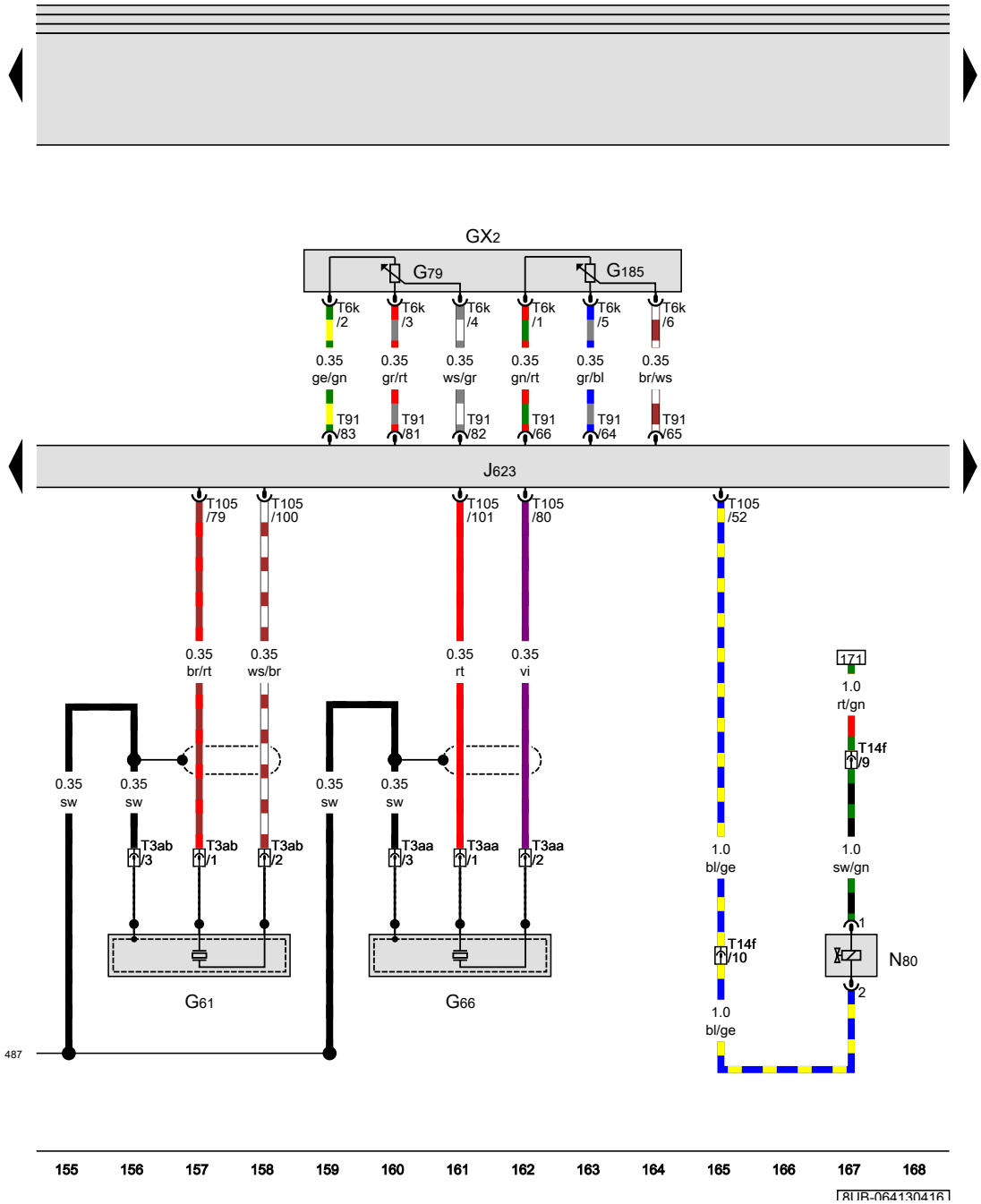


Throttle valve module, Hall sender, Hall sender 3, Throttle valve module, Engine control unit

GX3	Throttle valve module
G28	Engine speed sender
G40	Hall sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G300	Hall sender 3
J338	Throttle valve module
J623	Engine control unit
T6d	6-pin connector
T105	105-pin connector
487	Earth point 5, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness

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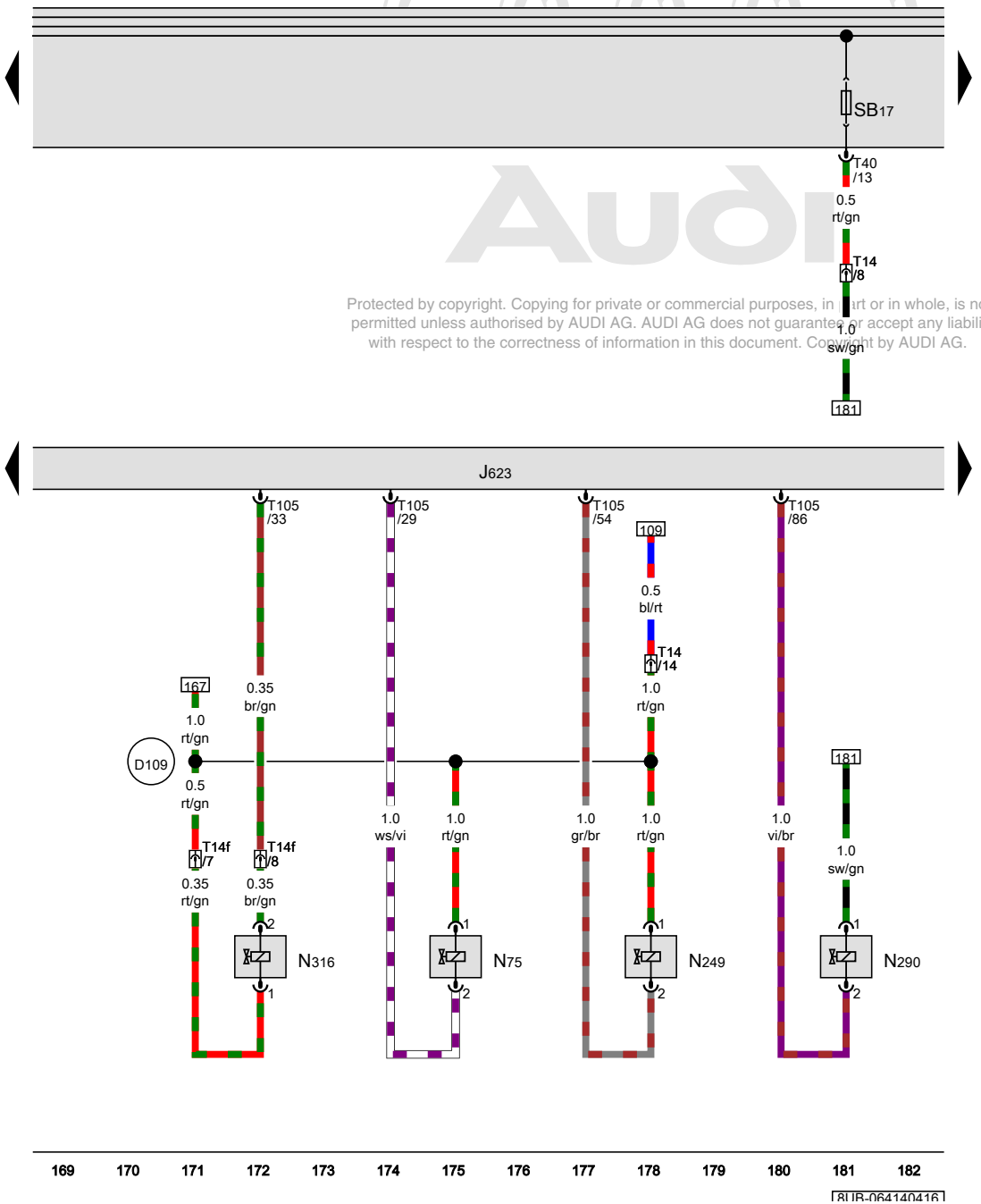


Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine control unit, Activated charcoal filter solenoid valve 1

GX2	Accelerator pedal module
G61	Knock sensor 1
G66	Knock sensor 2
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
T3aa	3-pin connector
T3ab	3-pin connector
T6k	6-pin connector
T14f	14-pin connector
T91	91-pin connector
T105	105-pin connector
487	Earth point 5, engine prewiring harness

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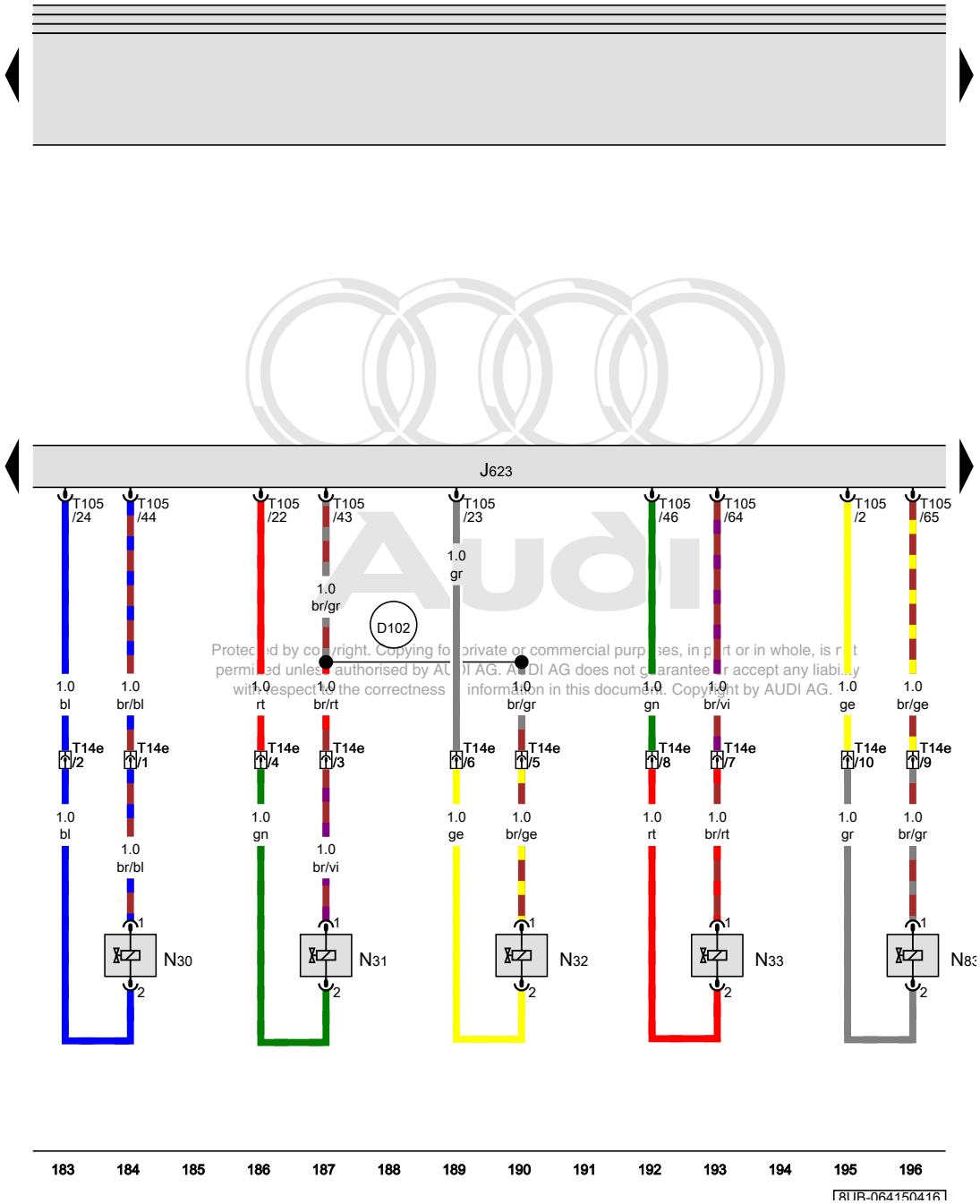
Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve, Fuel metering valve, Intake manifold flap valve

J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
N290	Fuel metering valve
N316	Intake manifold flap valve
SB17	Fuse 17 on fuse holder B
T14	14-pin connector
T14f	14-pin connector
T40	40-pin connector
T105	105-pin connector
D109	Connection 7 in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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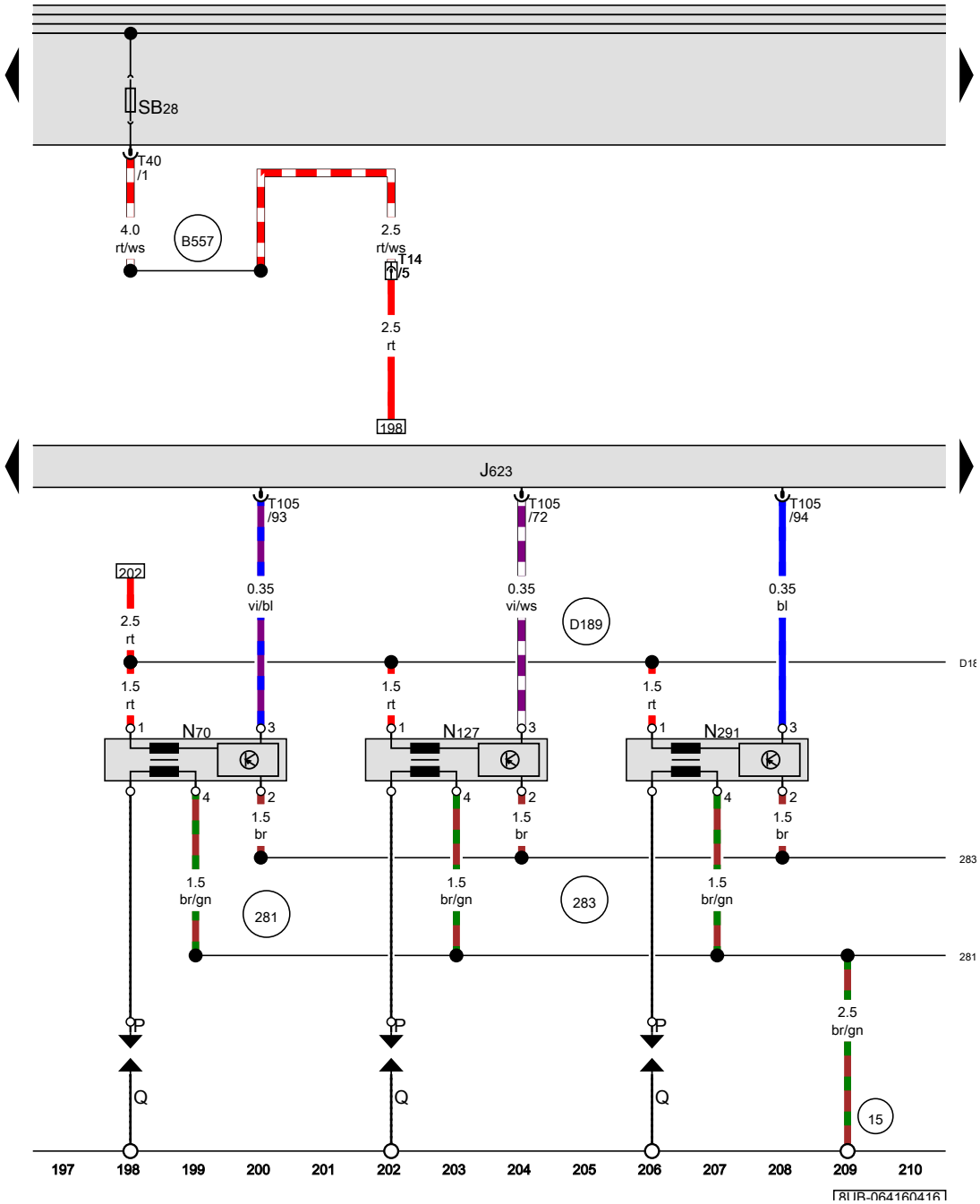
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N83	Injector, cylinder 5
T14e	14-pin connector
T105	105-pin connector
D102	Connection 2 in engine compartment wiring harness



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



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

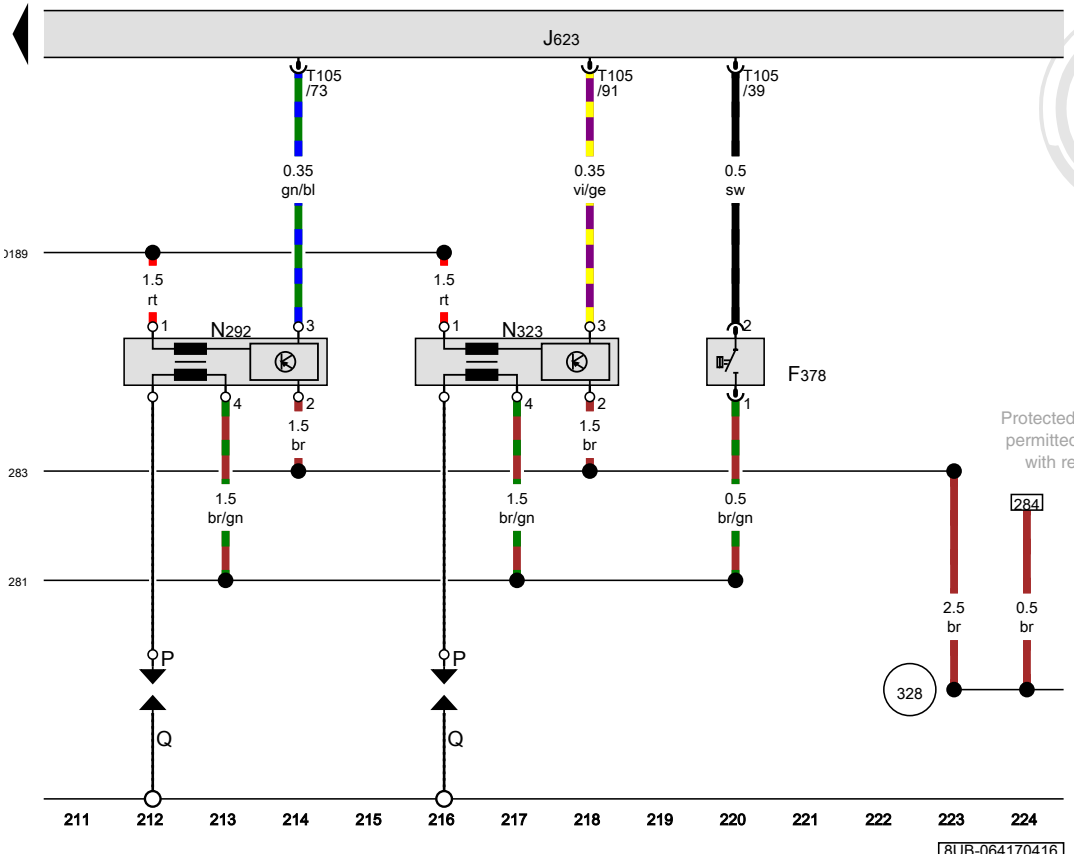
J623	Engine control unit
N70	Ignition coil 1 with output stage
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
P	Spark plug connector
Q	Spark plugs
SB28	Fuse 28 on fuse holder B
T14	14-pin connector
T40	40-pin connector
T105	105-pin connector
15	Earth point, on cylinder head
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
B557	Positive connection 21 (30a) in main wiring harness
D189	Connection (87a) in engine prewiring harness

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or	=	orange
rs	=	pink

Oil pressure switch for reduced oil pressure, Engine control unit, Ignition coil 4 with output stage, Ignition coil 5 with output stage

F378	Oil pressure switch for reduced oil pressure
J623	Engine control unit
N292	Ignition coil 4 with output stage
N323	Ignition coil 5 with output stage
P	Spark plug connector
Q	Spark plugs
T105	105-pin connector
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness

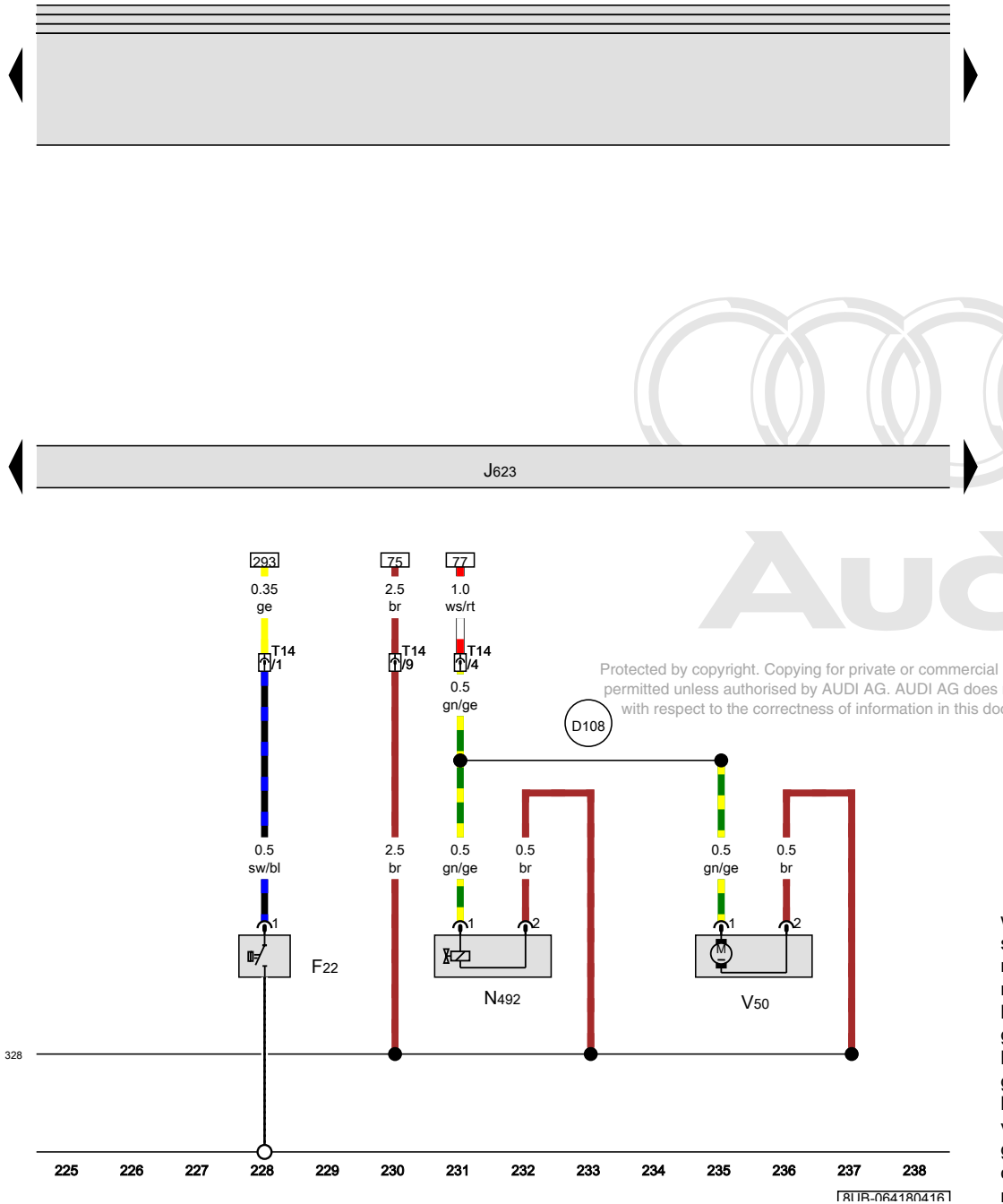


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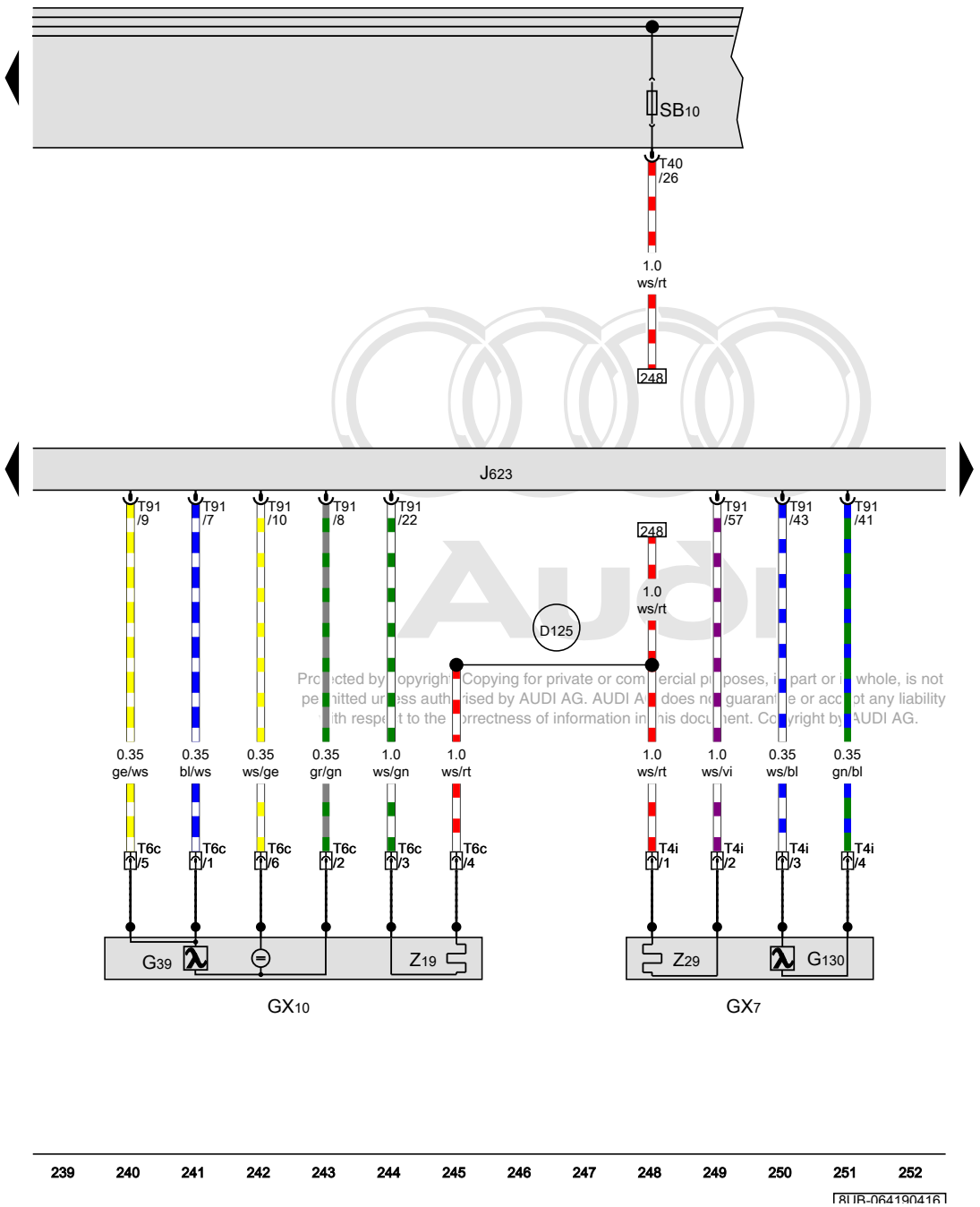
Oil pressure switch, Engine control unit, Solenoid for coolant circuit, Coolant circulation pump

F22	Oil pressure switch
J623	Engine control unit
N492	Solenoid for coolant circuit
T14	14-pin connector
V50	Coolant circulation pump
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness



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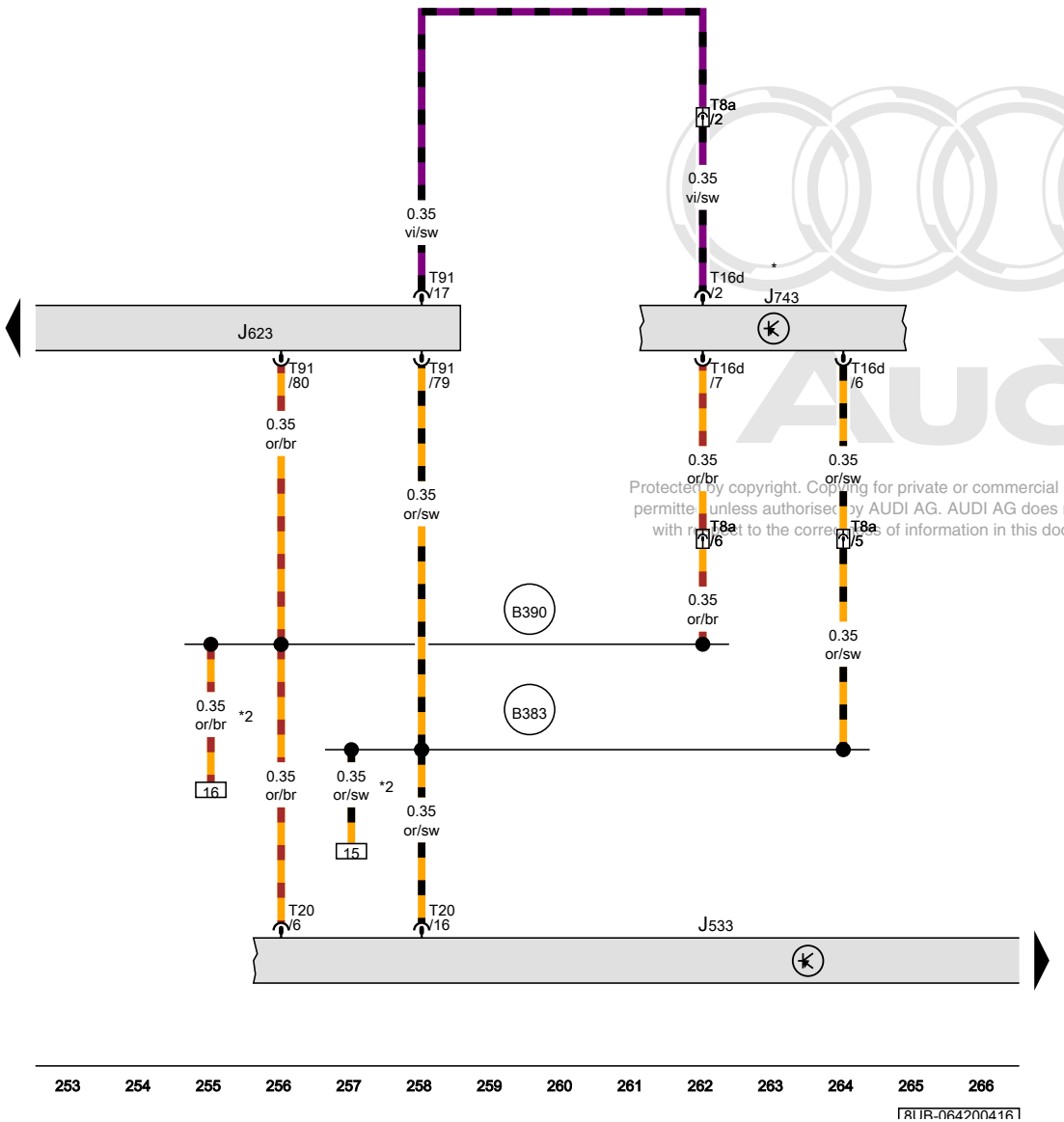
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
T4i	4-pin connector
T6c	6-pin connector, on Lambda probe before catalytic converter
T40	40-pin connector
T91	91-pin connector
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness

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

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
T8a	8-pin connector
T16d	16-pin connector
T20	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
*	see applicable current flow diagram for dual clutch gearbox
*2	Only left-hand drive models

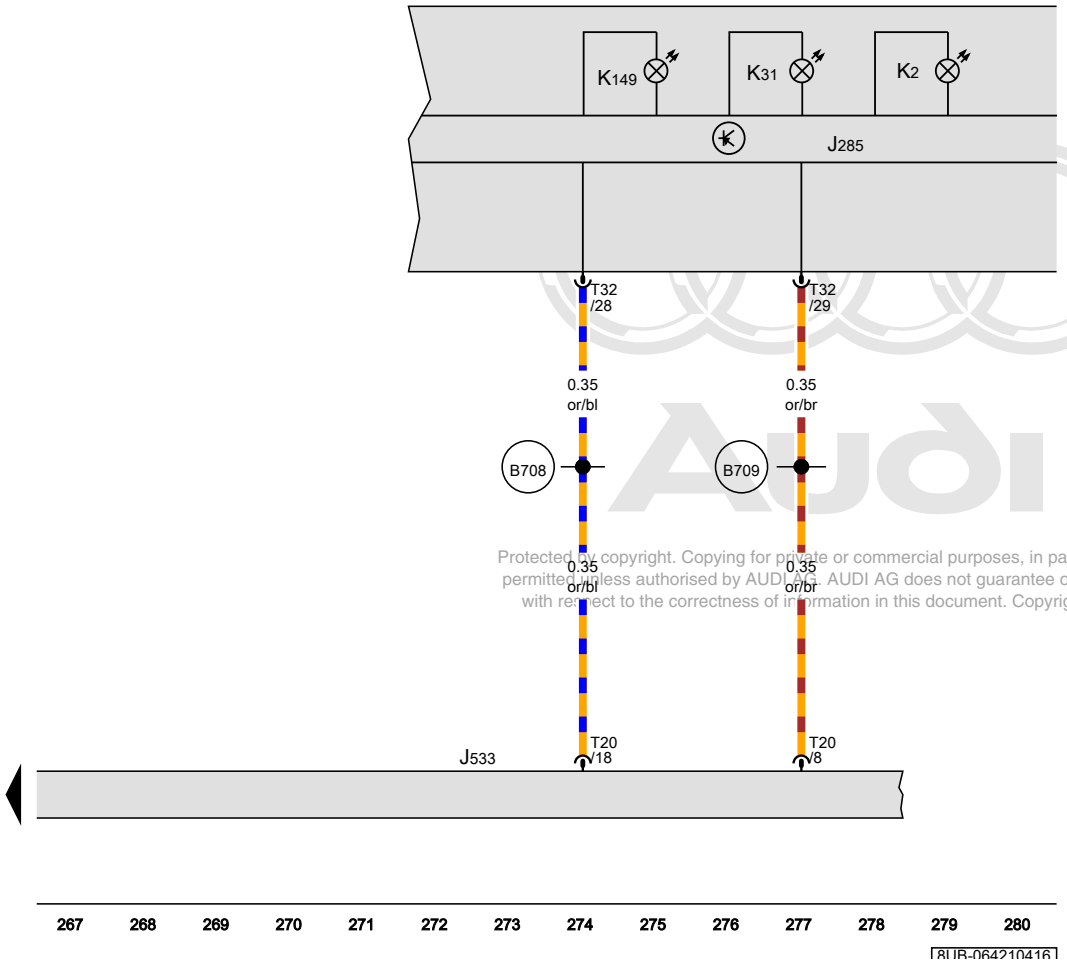


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector
T32	32-pin connector
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

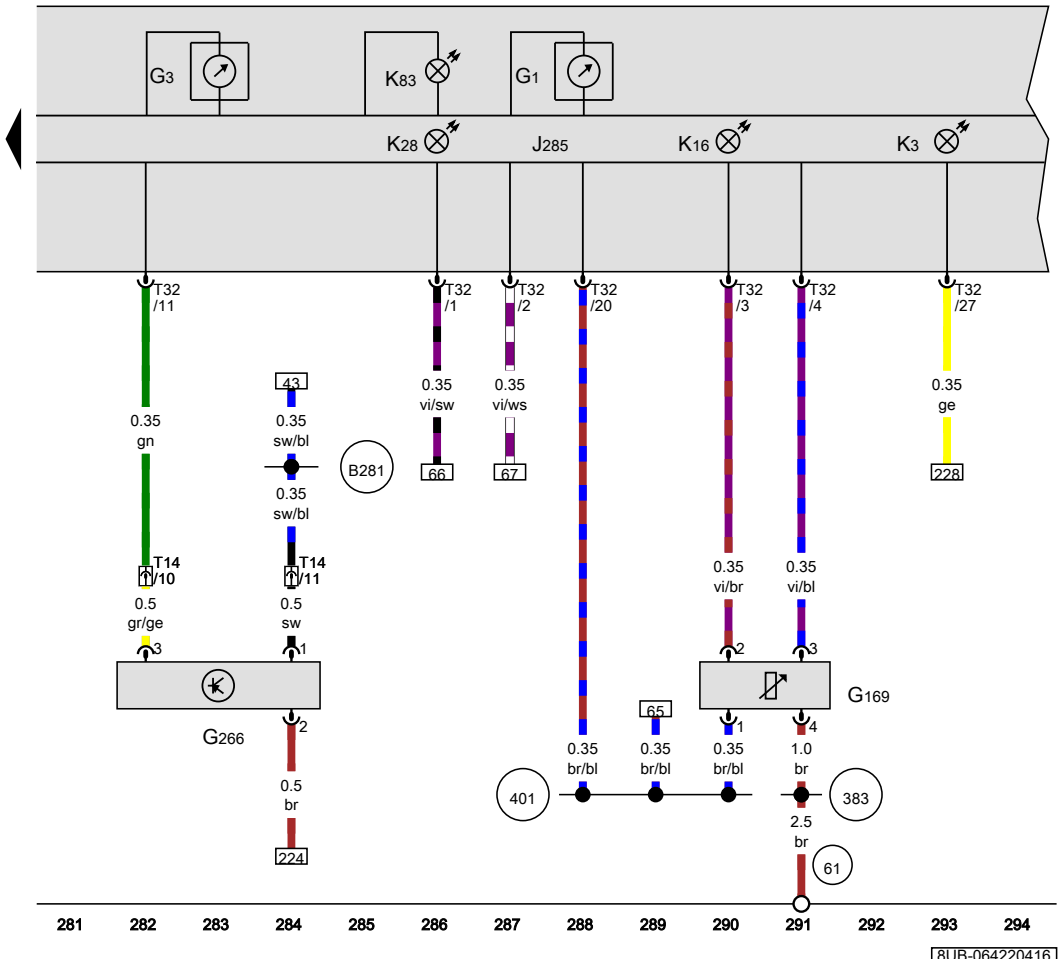


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rs	=	pink

Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T14	14-pin connector
T32	32-pin connector
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



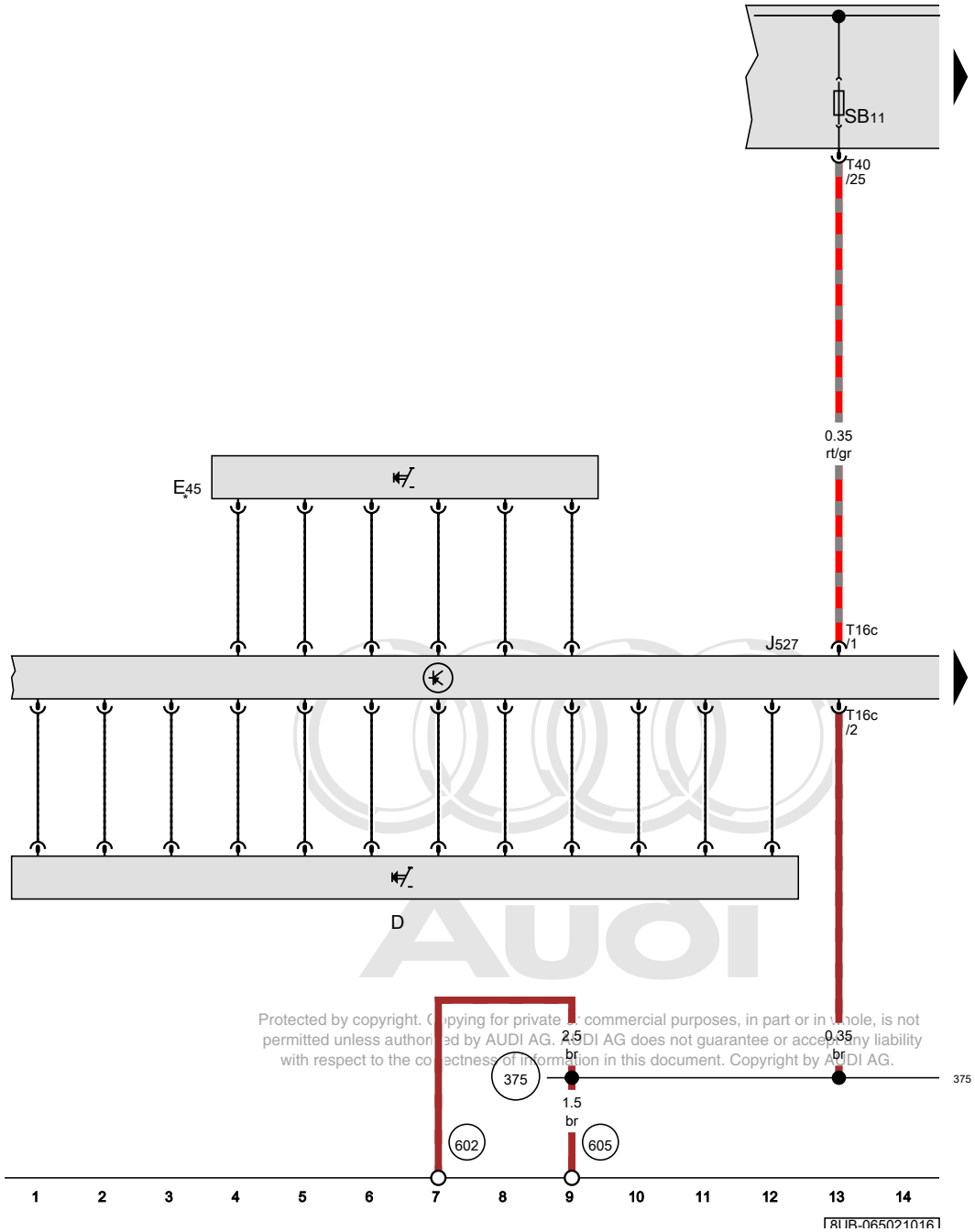
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1.4l petrol engine , CPTA,CZEA

From May 2013

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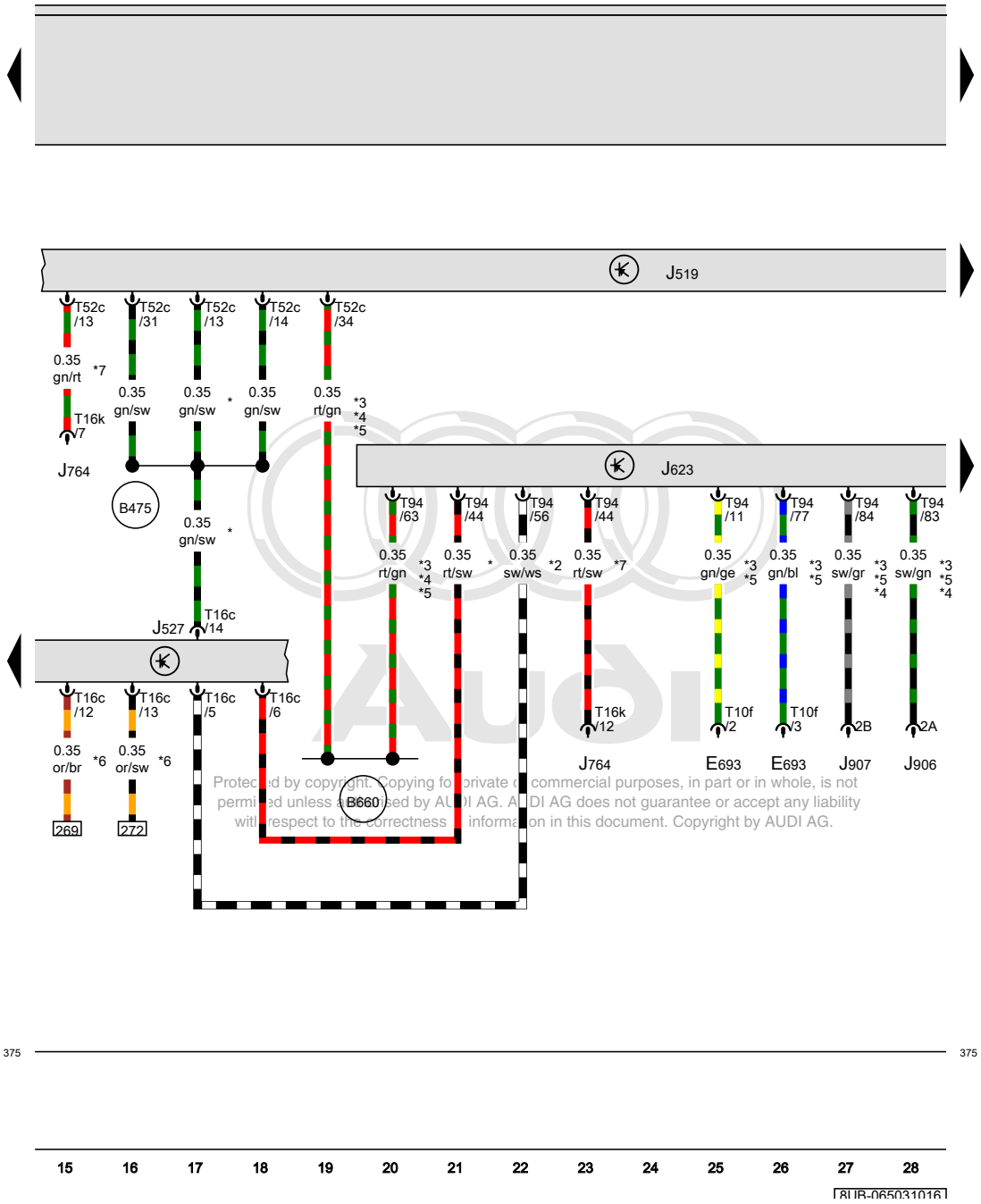


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Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

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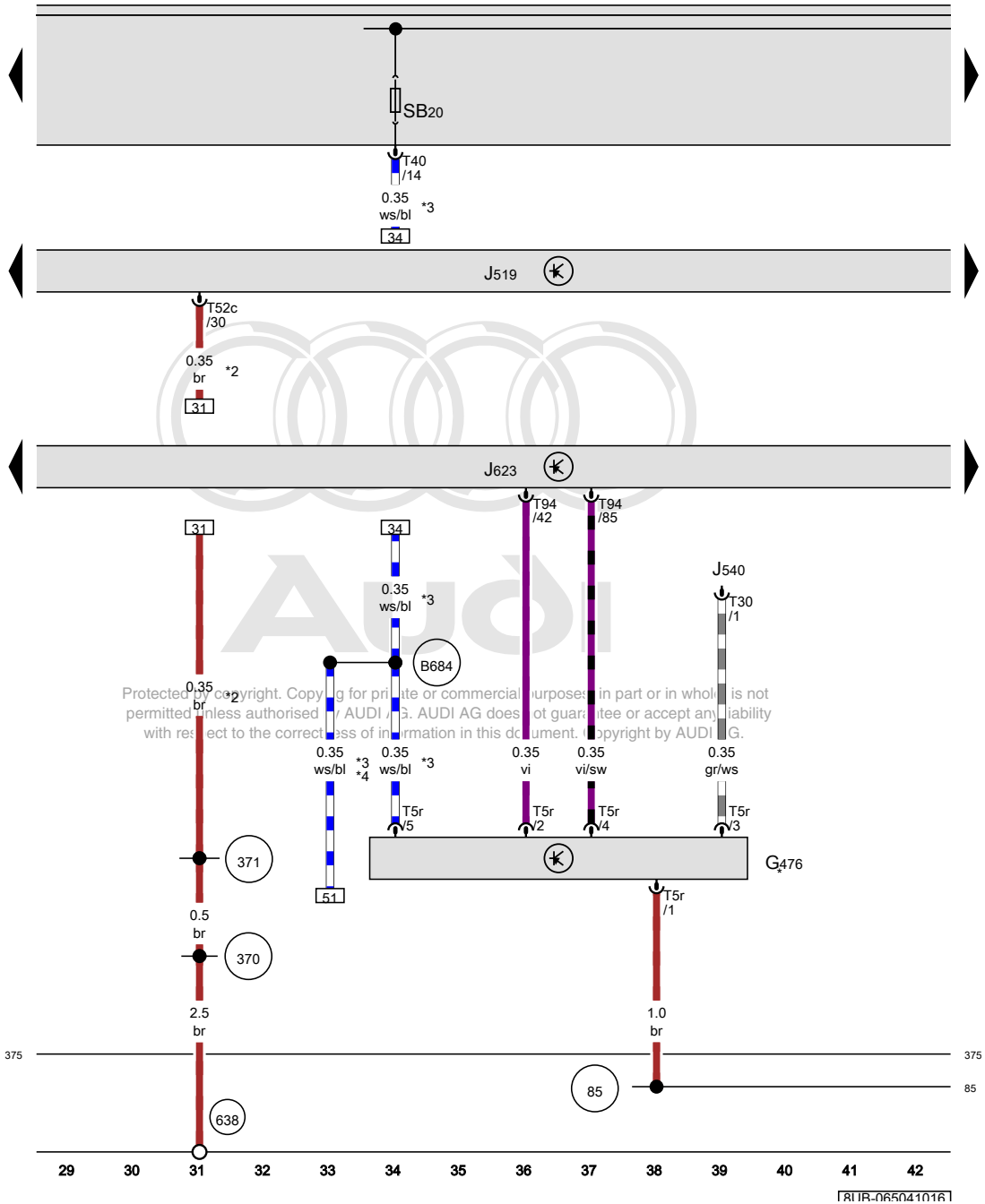


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Onboard supply control unit, Steering column electronics control unit, Engine control unit

E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T10f	10-pin connector
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only left-hand drive models
*7	Only models with entry and start authorisation

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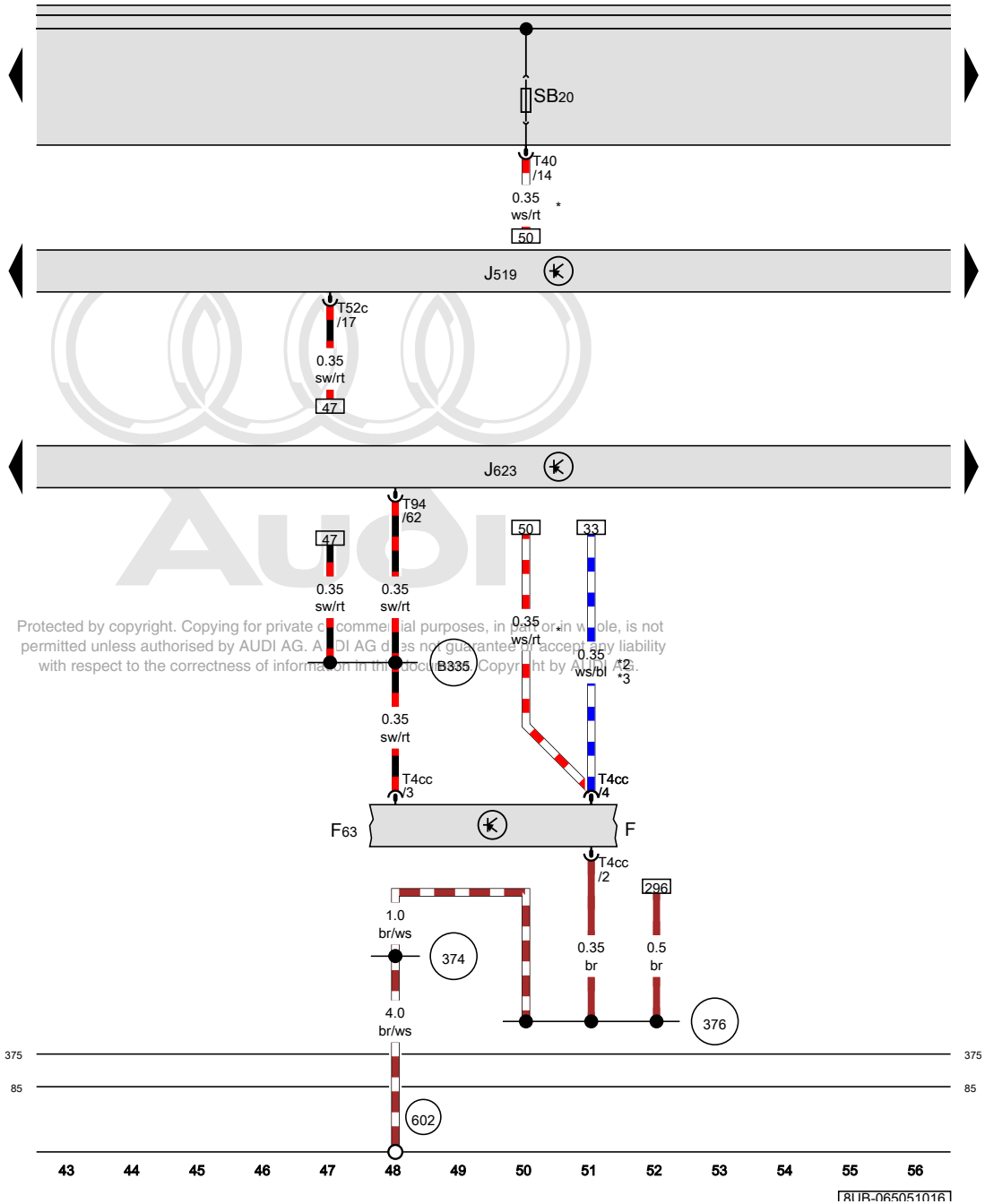


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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T5r	5-pin connector, black
T30	30-pin connector
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B684	Positive connection 24 (30a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Wiring colour depends on equipment
*4	Up to April 2015

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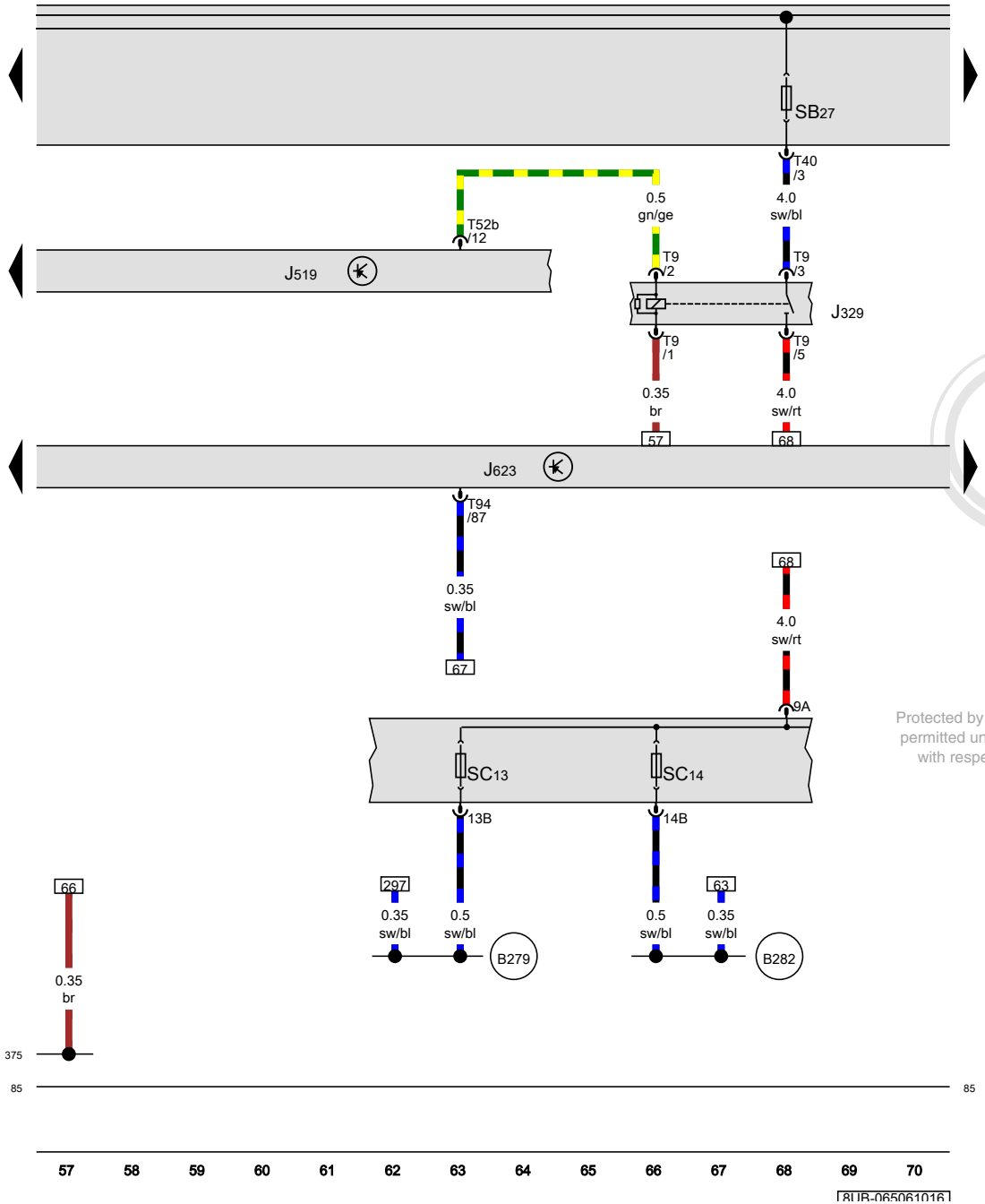


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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T4cc	4-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	From May 2015
*2	Wiring colour depends on equipment
*3	Up to April 2015

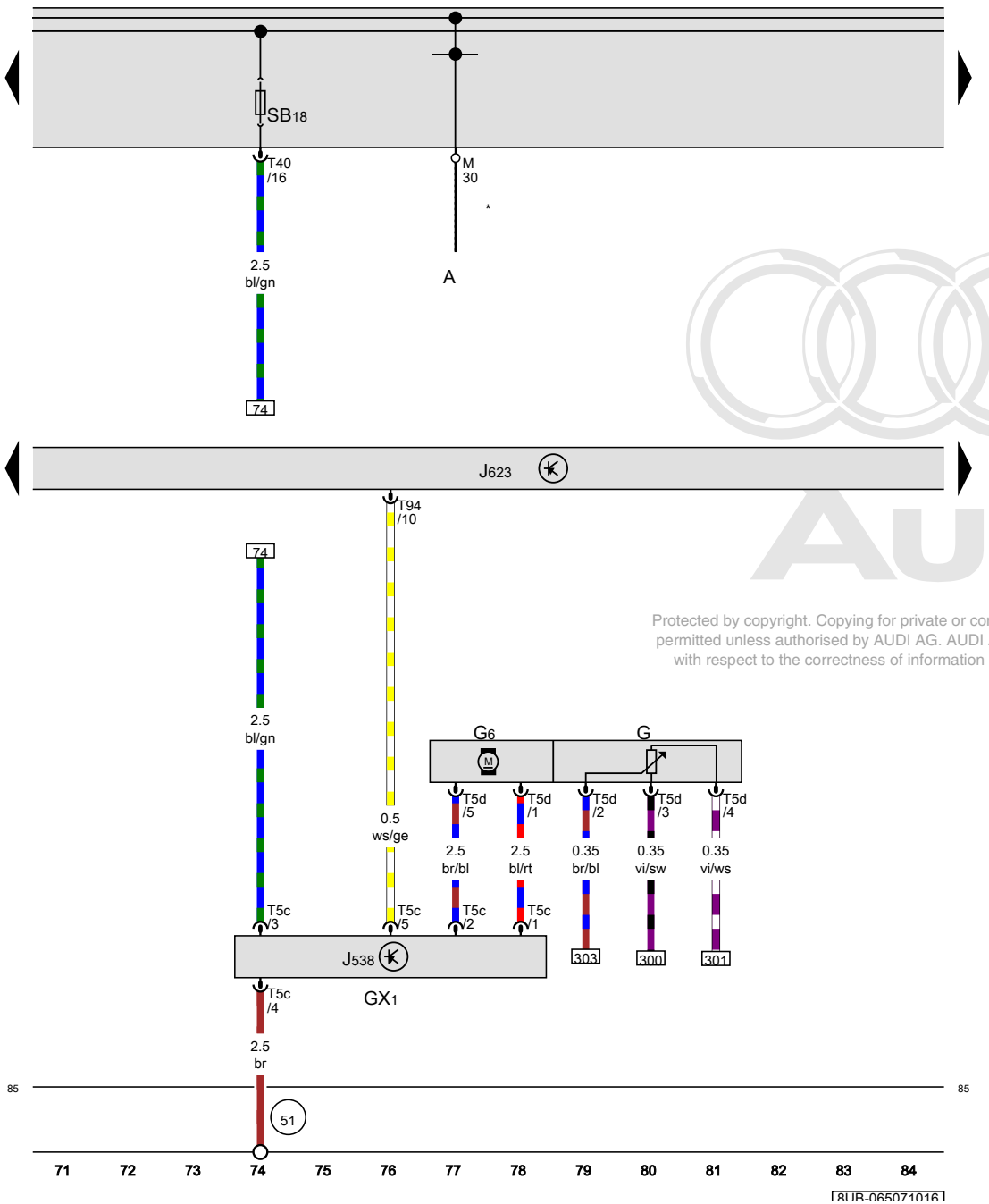


Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
T9	9-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
375	Earth connection 10, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness

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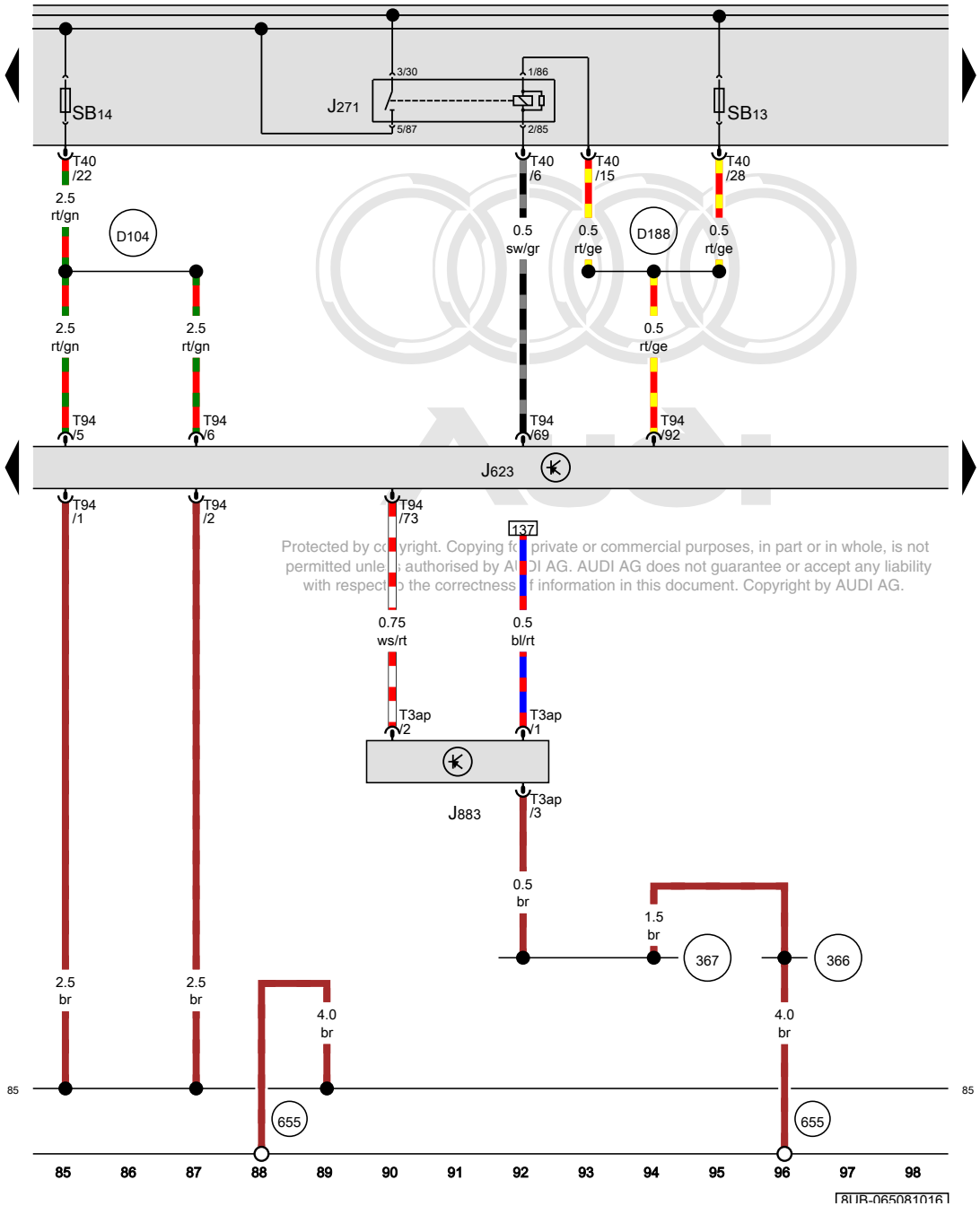


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

A	Battery
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
T5c	5-pin connector, black
T5d	5-pin connector, black
T40	40-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment

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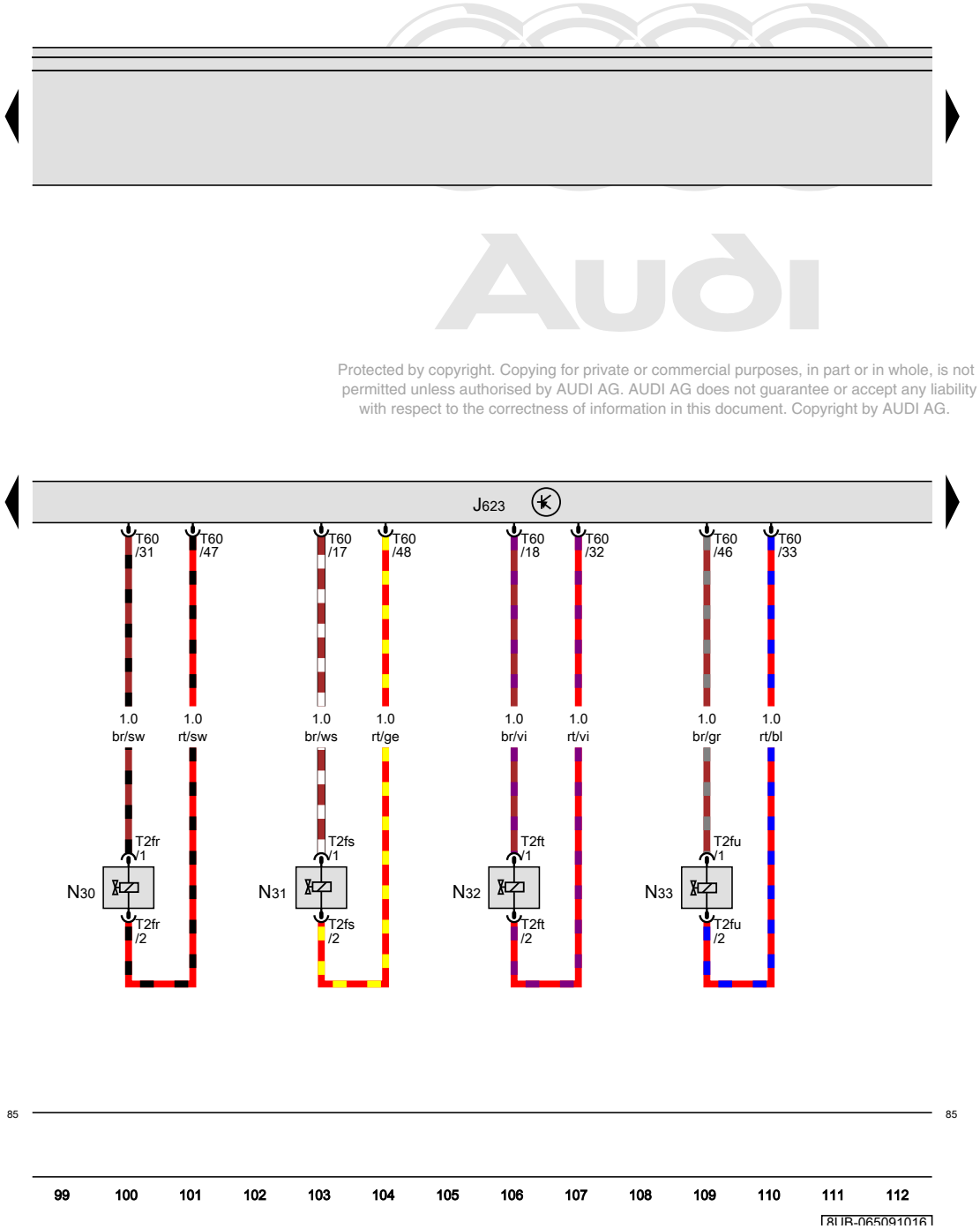


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Main relay, Engine control unit

J271	Main relay
J623	Engine control unit
J883	Exhaust flap control unit
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T3ap	3-pin connector, black
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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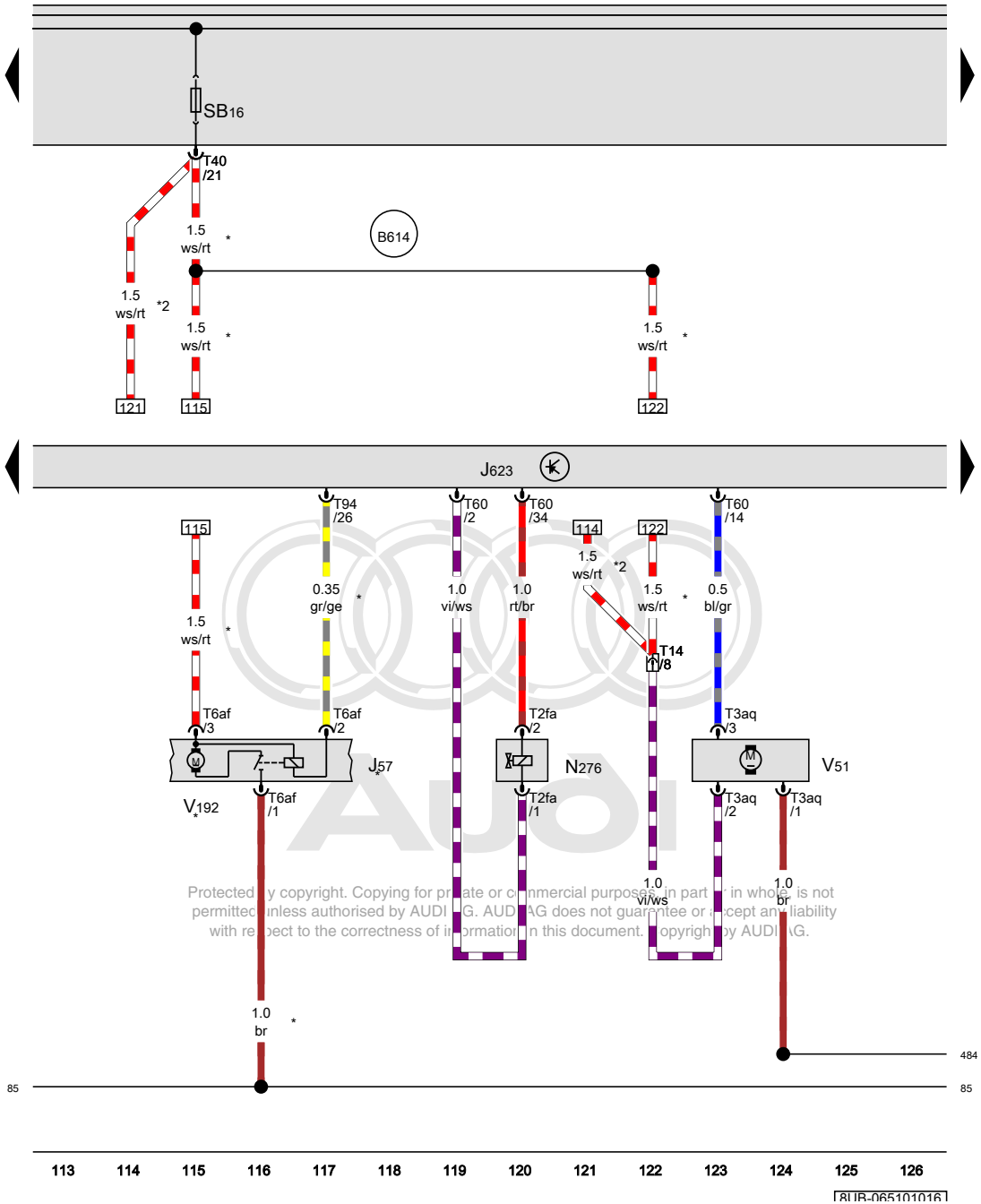


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness

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sw	=	black
ro	=	red
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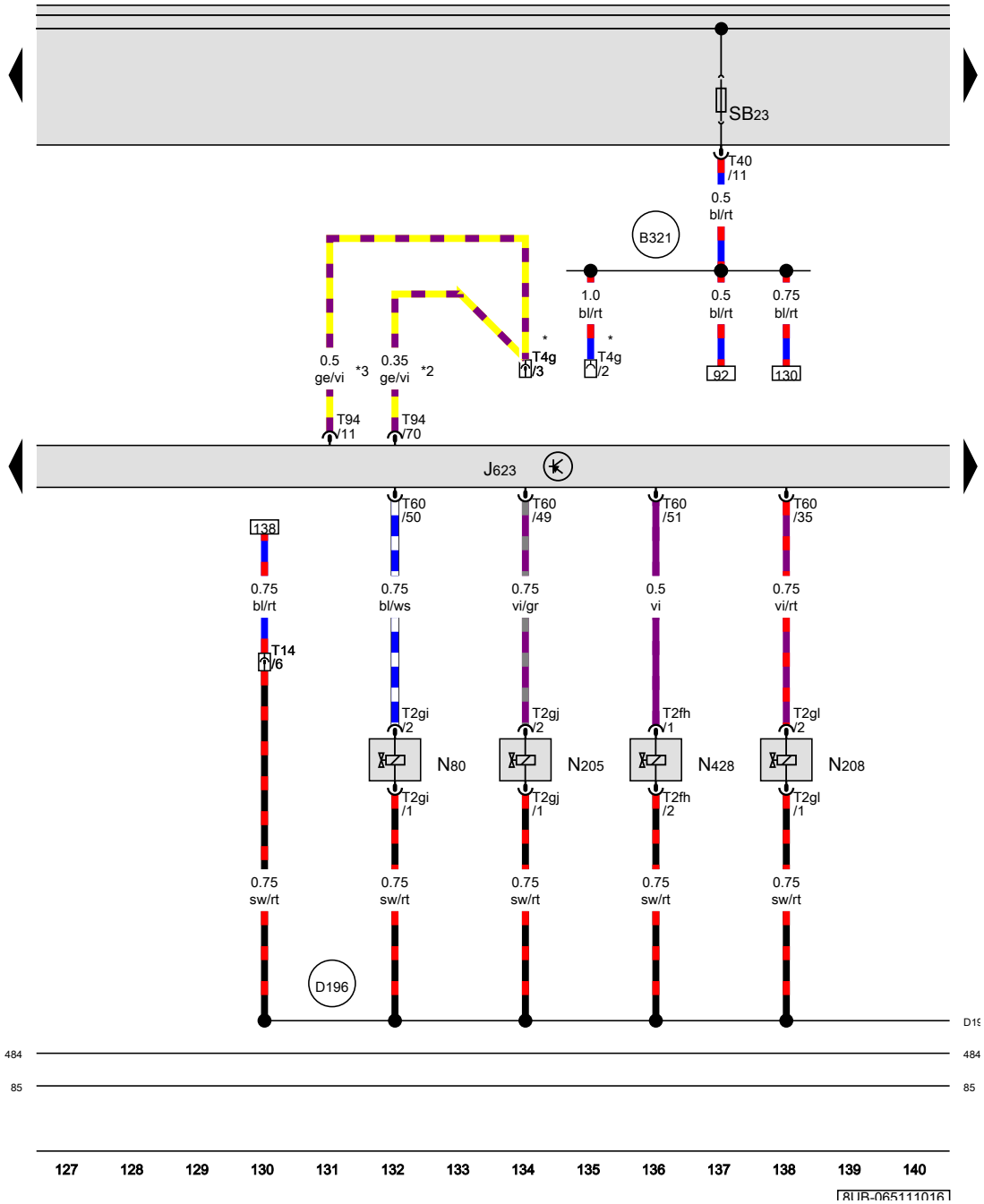


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Engine control unit, Fuel pressure regulating valve, Continued coolant circulation pump

J57	Vacuum pump relay
J623	Engine control unit
N276	Fuel pressure regulating valve
SB16	Fuse 16 on fuse holder B
T2fa	2-pin connector
T3aq	3-pin connector
T6af	6-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
V192	Vacuum pump for brakes
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	Only models with equipment for Japan
*2	According to equipment

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

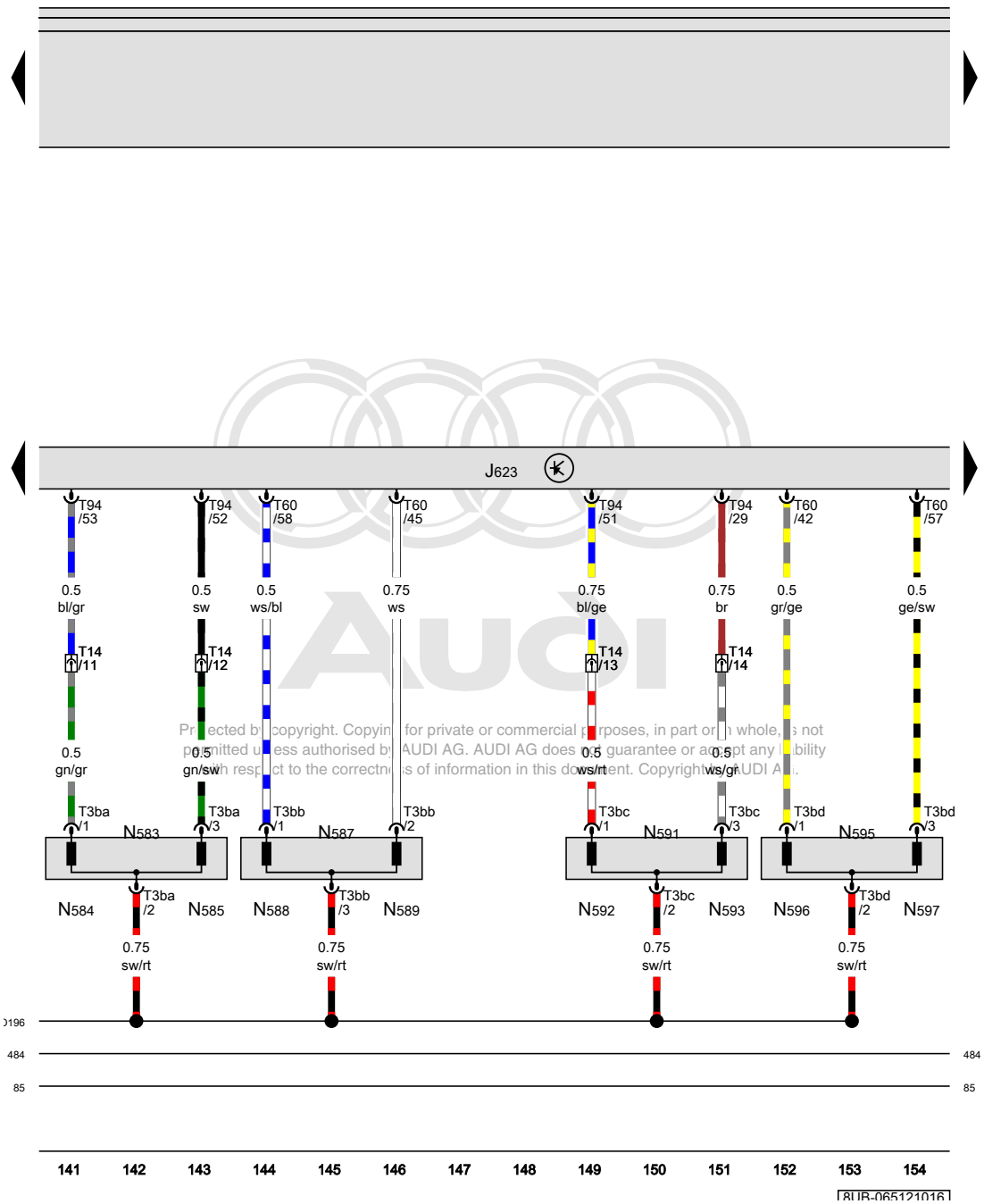


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
SB23	Fuse 23 on fuse holder B
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B321	Positive connection 7 (30a) in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction
*3	Gradually discontinued

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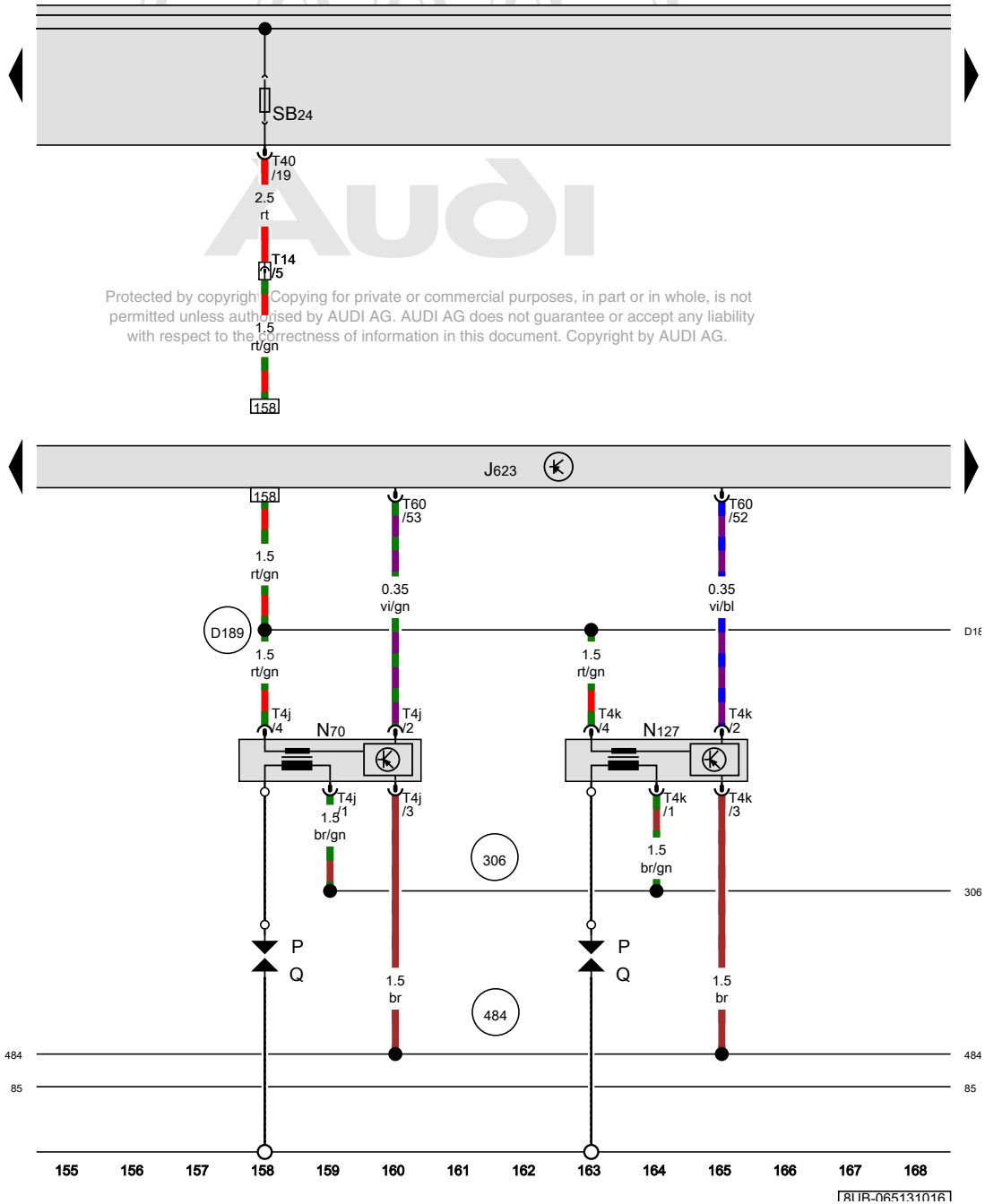


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li = purple
vi = purple
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or = orange
rs = pink

Engine control unit, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

J623	Engine control unit
N583	Inlet cam actuator for cylinder 2
N584	Inlet cam actuator A for cylinder 2
N585	Inlet cam actuator B for cylinder 2
N587	Exhaust cam actuator for cylinder 2
N588	Exhaust cam actuator A for cylinder 2
N589	Exhaust cam actuator B for cylinder 2
N591	Inlet cam actuator for cylinder 3
N592	Inlet cam actuator A for cylinder 3
N593	Inlet cam actuator B for cylinder 3
N595	Exhaust cam actuator for cylinder 3
N596	Exhaust cam actuator A for cylinder 3
N597	Exhaust cam actuator B for cylinder 3
T3ba	3-pin connector
T3bb	3-pin connector
T3bc	3-pin connector
T3bd	3-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness

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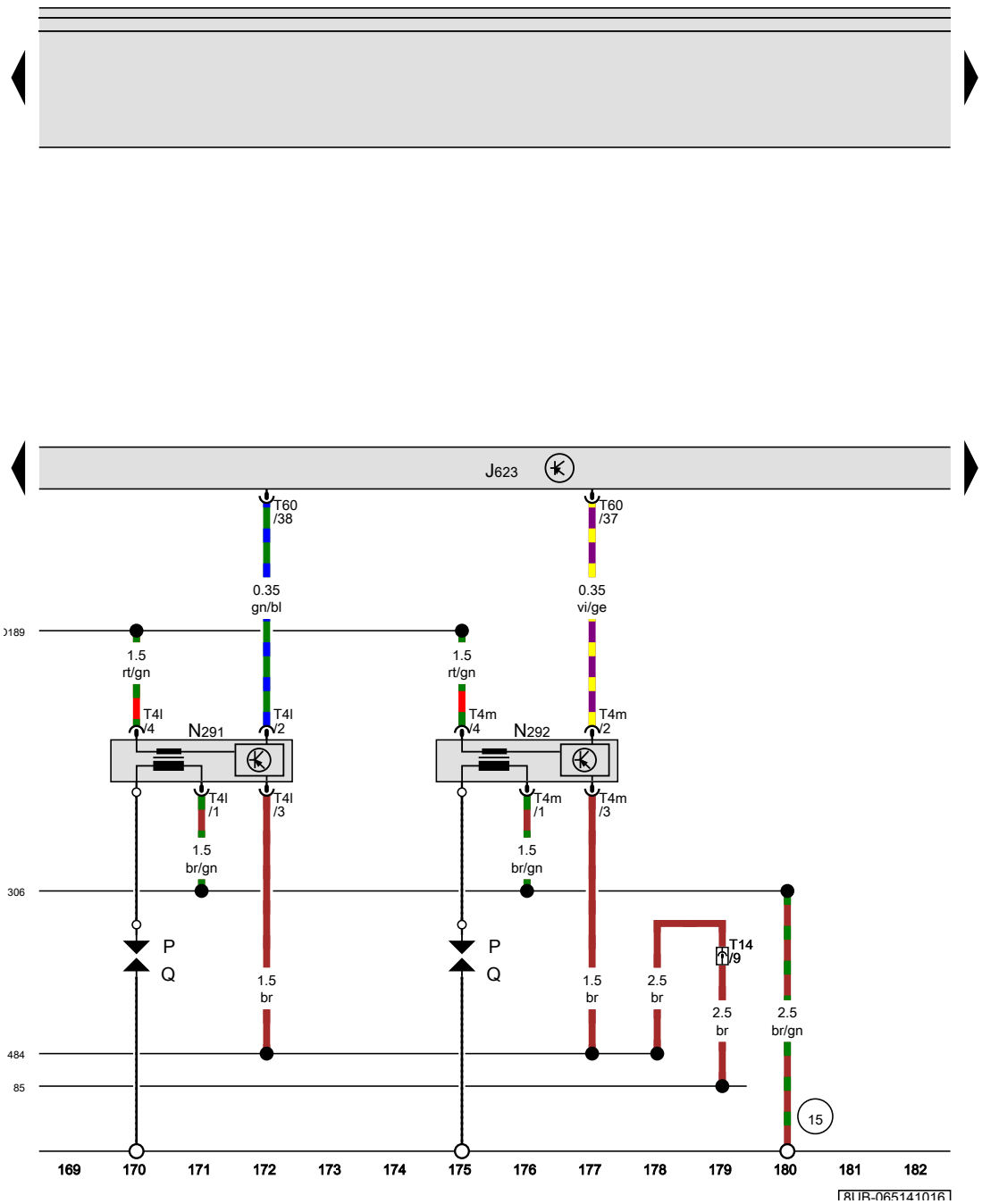


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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

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
SB24	Fuse 24 on fuse holder B
T4j	4-pin connector, black
T4k	4-pin connector, black
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

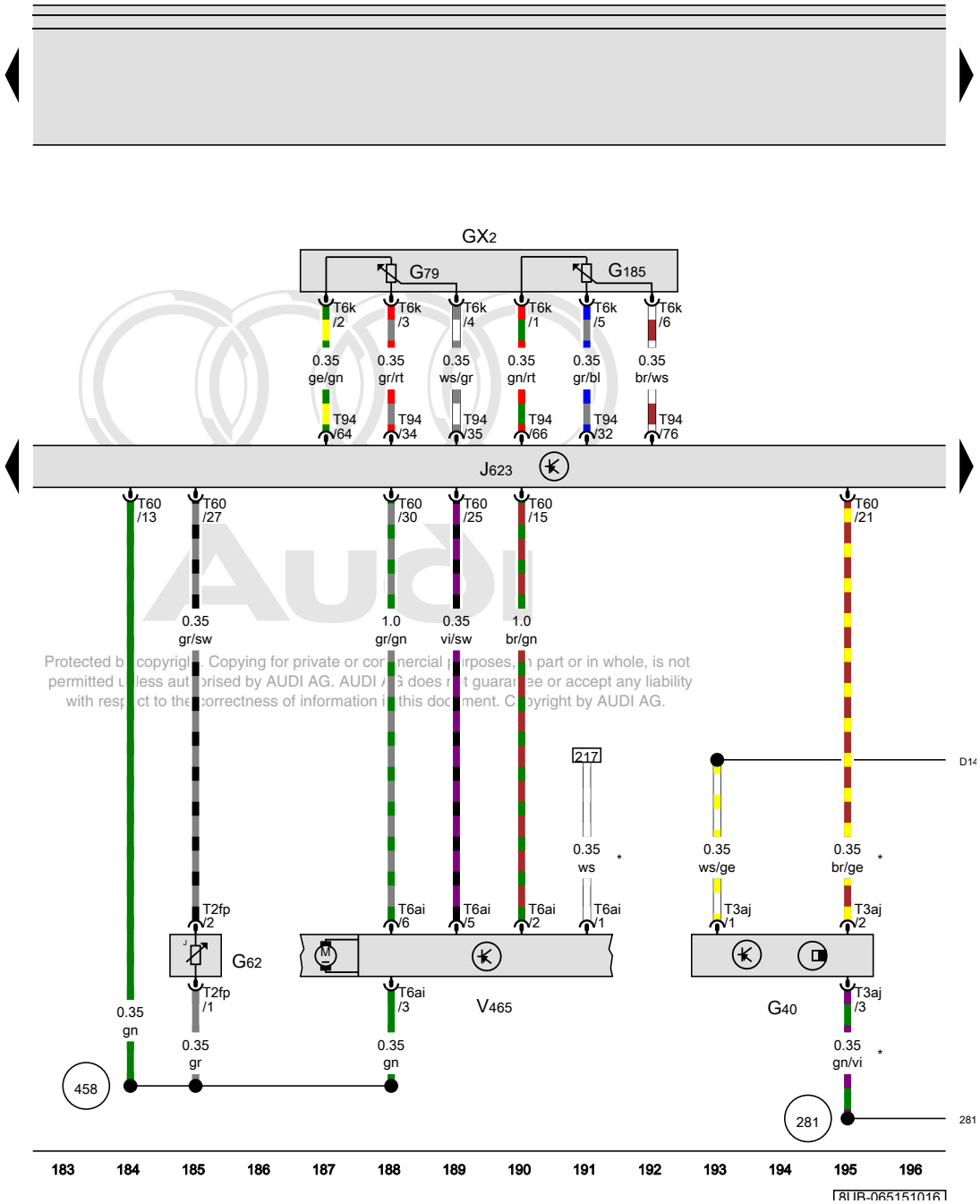


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vi = purple
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or = orange
rs = pink

Engine control unit, 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
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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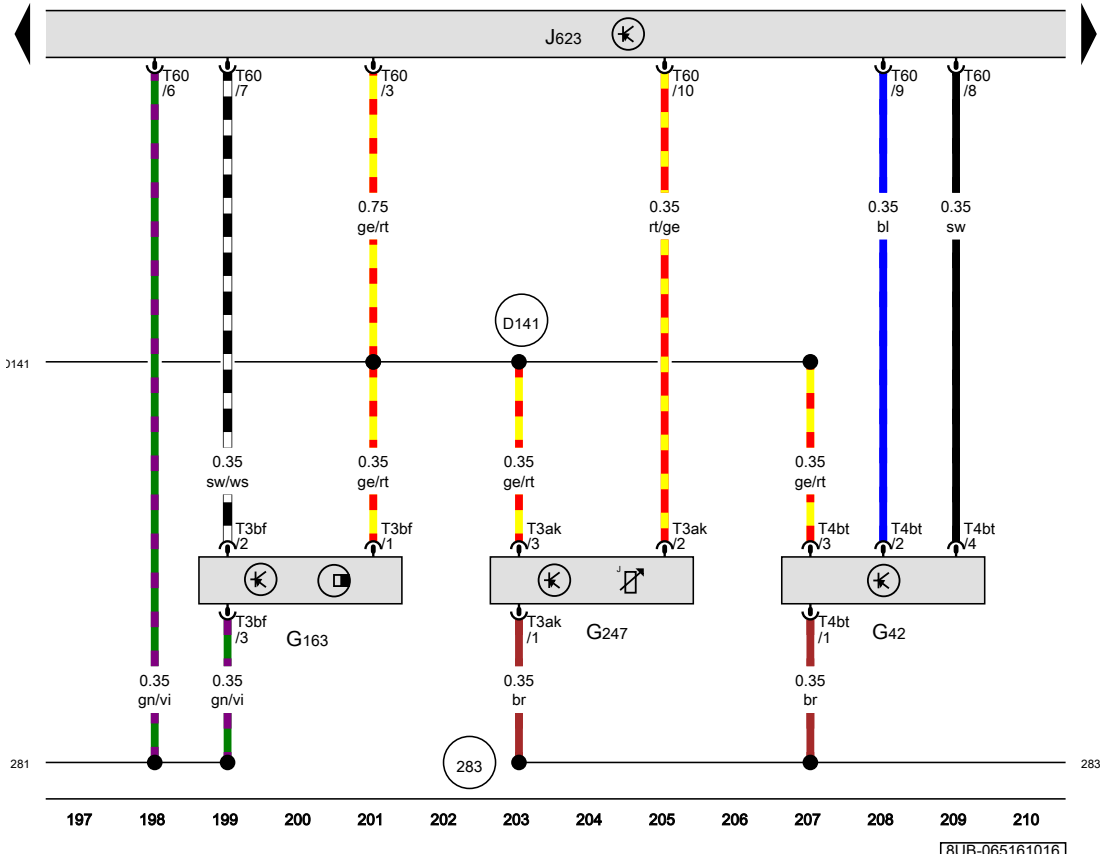
Accelerator pedal module, Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure positioner

GX2	Accelerator pedal module
G40	Hall sender
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2fp	2-pin connector, black
T3aj	3-pin connector, black
T6ai	6-pin connector, black
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V465	Charge pressure positioner
281	Earth point 1, engine prewiring harness
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment

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

Intake air temperature sender, Hall sender 2, Fuel pressure sender, Engine control unit

G42	Intake air temperature sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T3ak	3-pin connector
T3bf	3-pin connector
T4bt	4-pin connector, black
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

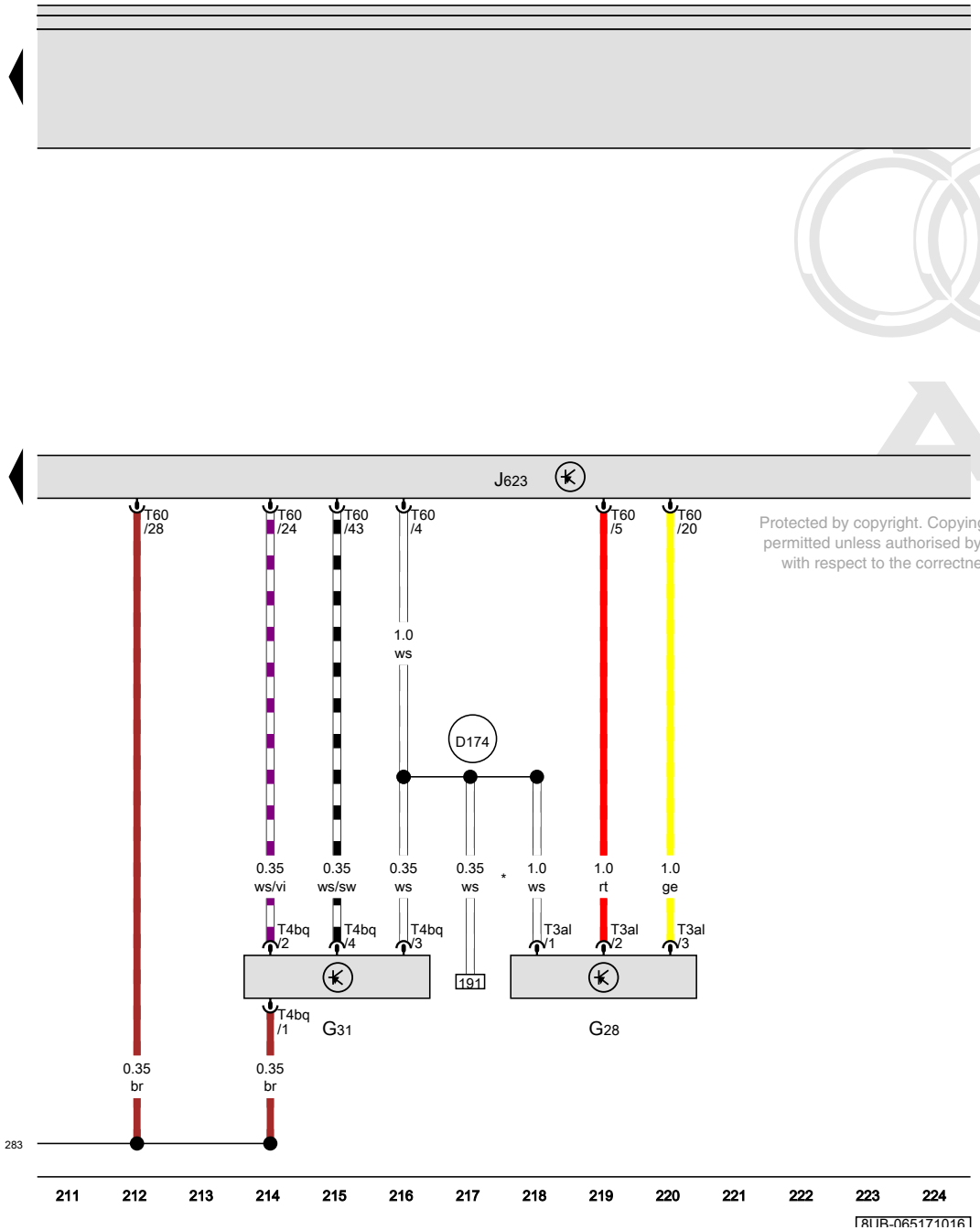


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or	=	orange
rs	=	pink

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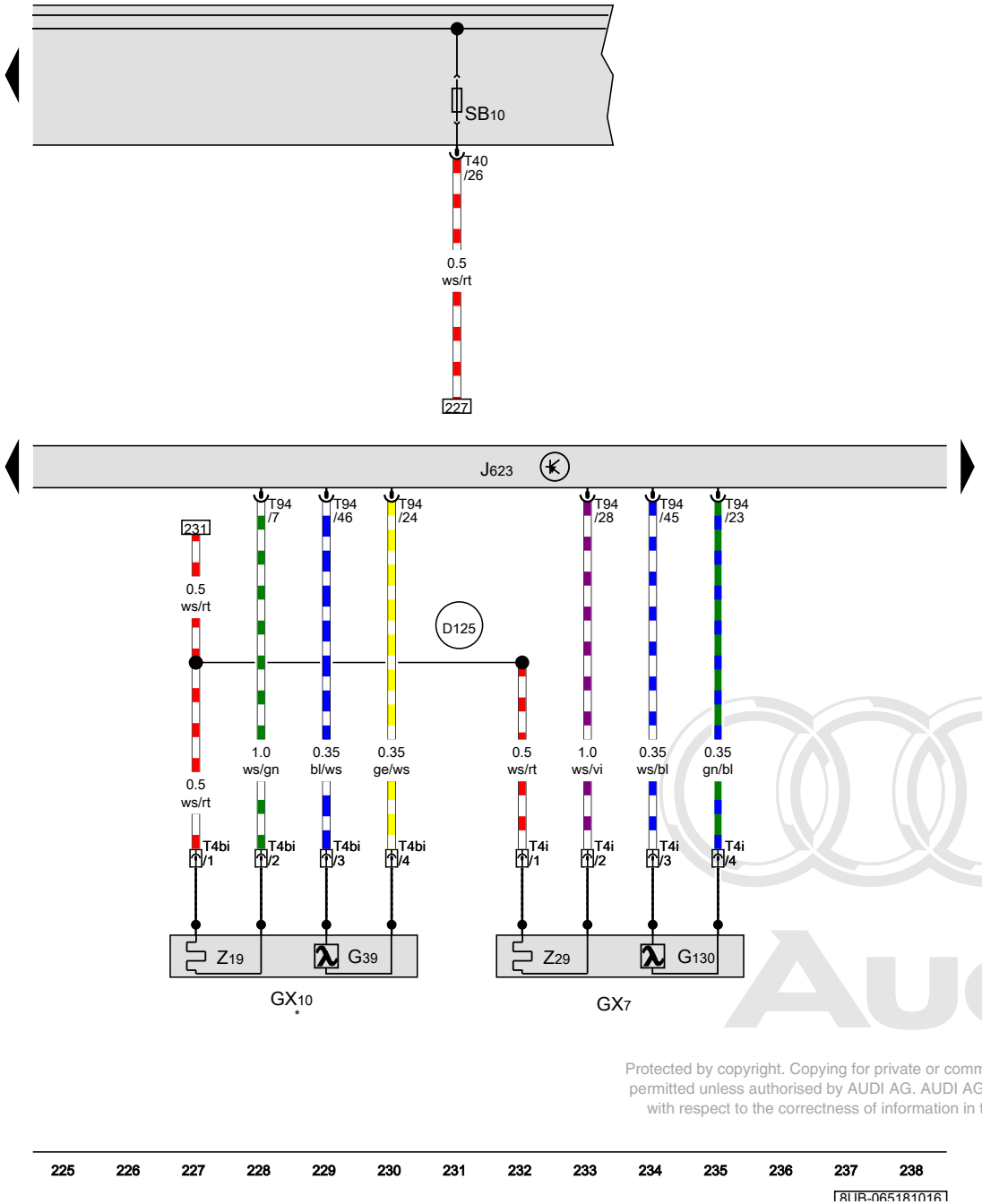
Engine speed sender, Charge pressure sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
J623	Engine control unit
T3al	3-pin connector, dark brown
T4bq	4-pin connector, black
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Wiring colour depends on equipment



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vi	=	purple
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or	=	orange
rs	=	pink



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

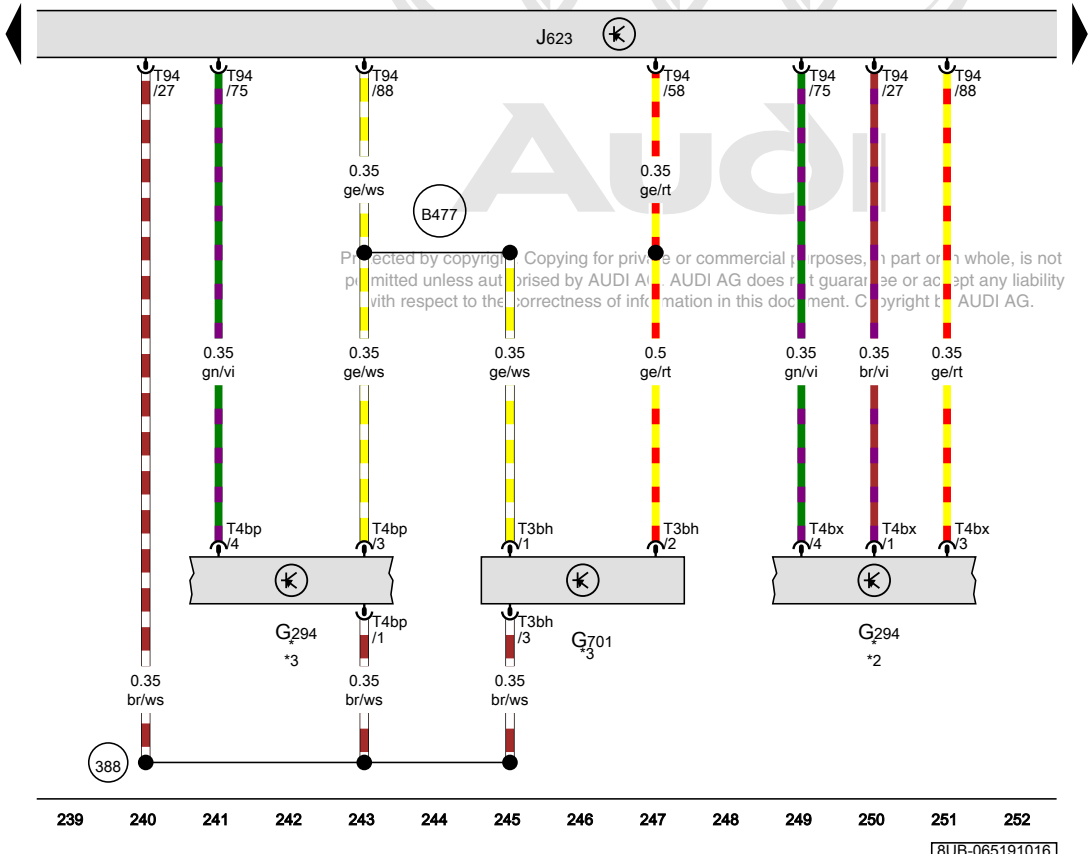
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
T4bi	4-pin connector, black
T4i	4-pin connector, black
T40	40-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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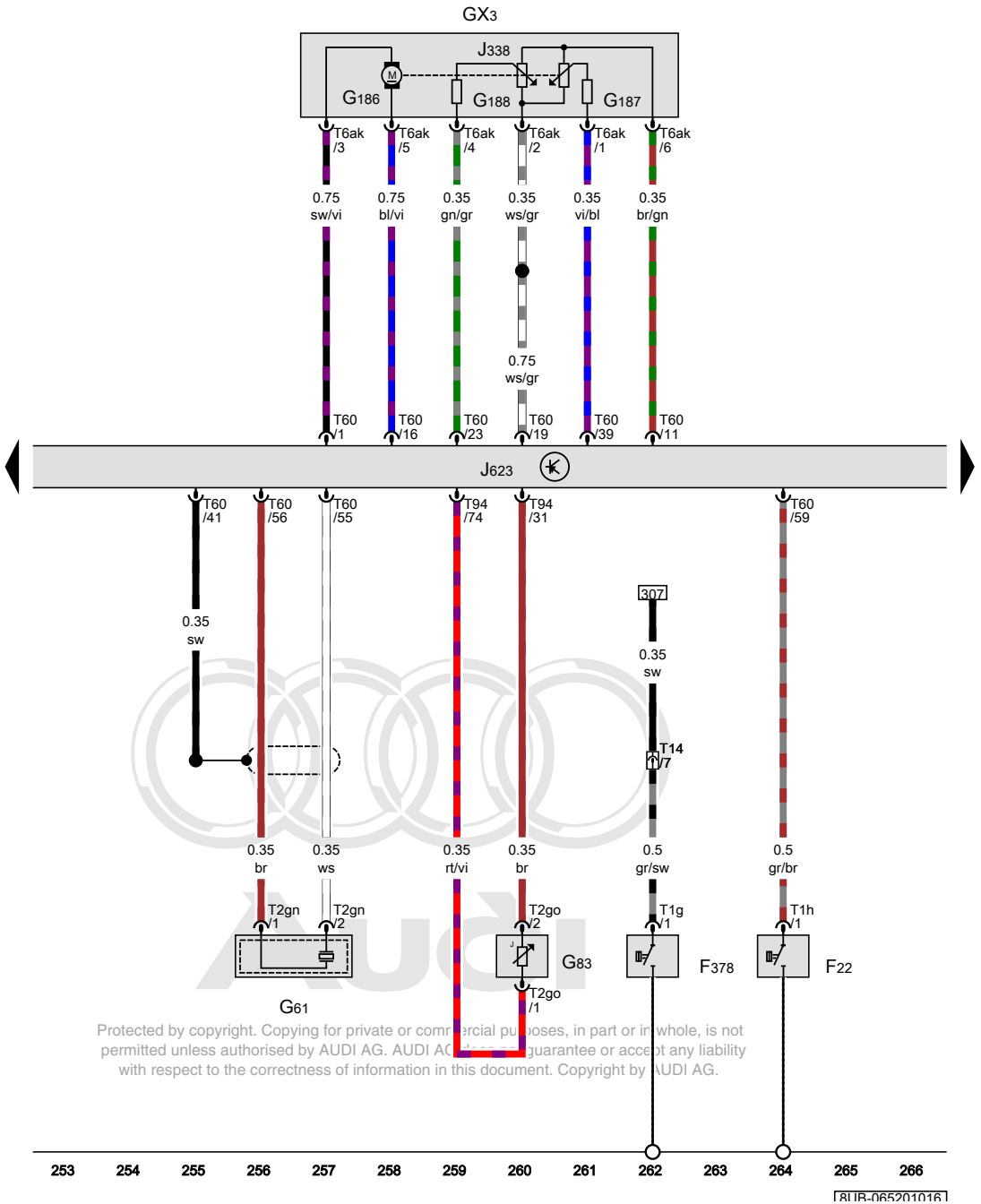
Gearbox neutral position sender, Engine control unit

G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T3bh	3-pin connector, black, brown
T4bp	4-pin connector, black
T4bx	4-pin connector, black
T94	94-pin connector, black
388	Earth connection 23, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with brake servo pressure sensor
*2	Only models with dual clutch gearbox
*3	Only models with manual gearbox



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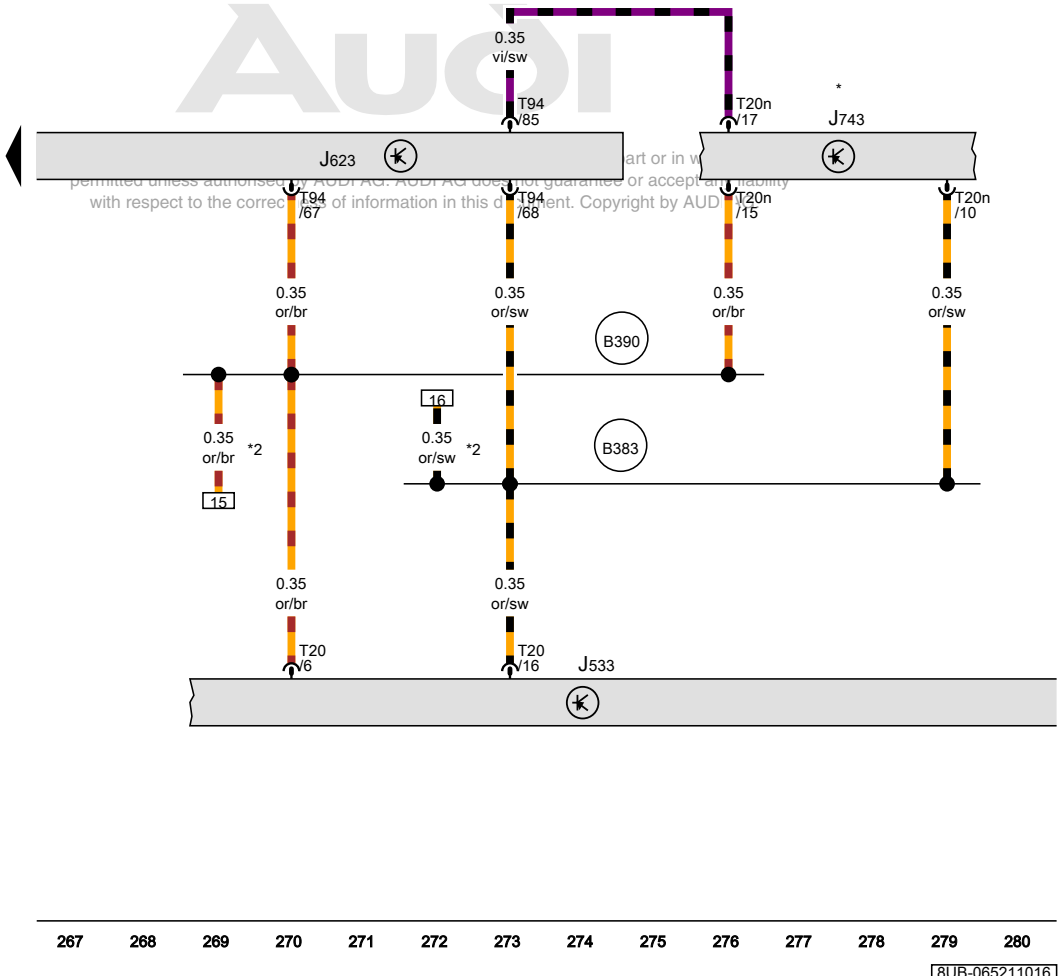
Oil pressure switch, Oil pressure switch for reduced oil pressure, Throttle valve module, Knock sensor 1, Radiator outlet coolant temperature sender, Throttle valve module, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX3	Throttle valve module
G61	Knock sensor 1
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T1g	1-pin connector, black
T1h	1-pin connector, dark blue
T2gn	2-pin connector, black
T2go	2-pin connector, black
T6ak	6-pin connector, black
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black

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

Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

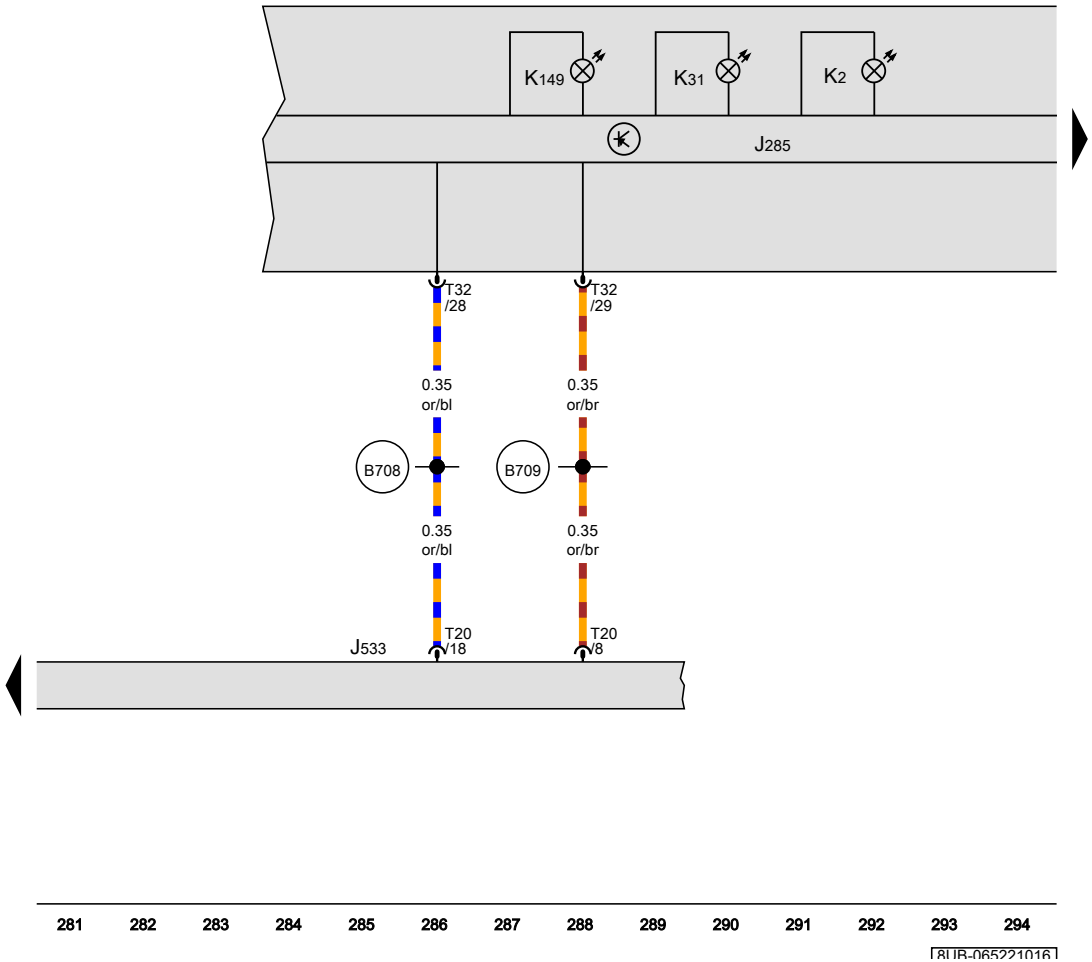
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T20	20-pin connector, red
T20n	20-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	Only left-hand drive models



ws	=	white
sw	=	black
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br	=	brown
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gr	=	grey
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or	=	orange
rs	=	pink

Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

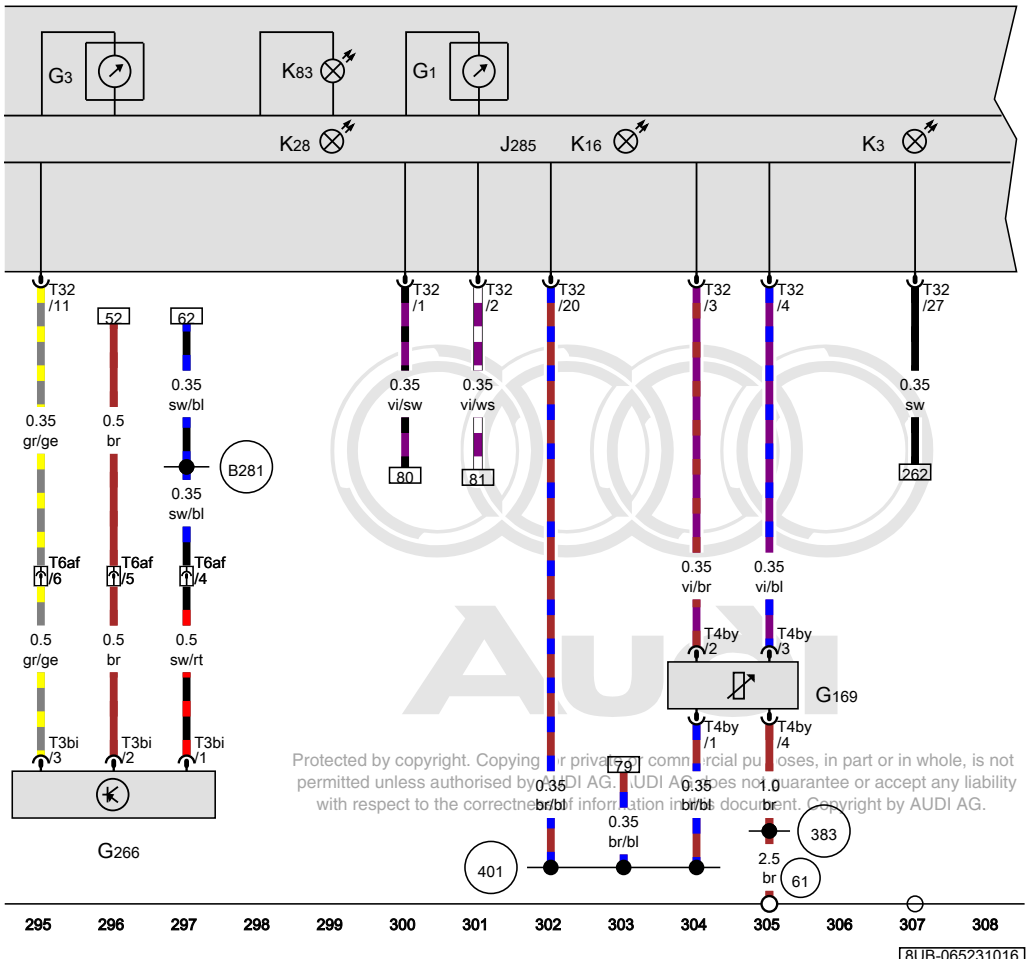


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Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T3bi	3-pin connector, black
T4by	4-pin connector
T6af	6-pin connector, near front left longitudinal member
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



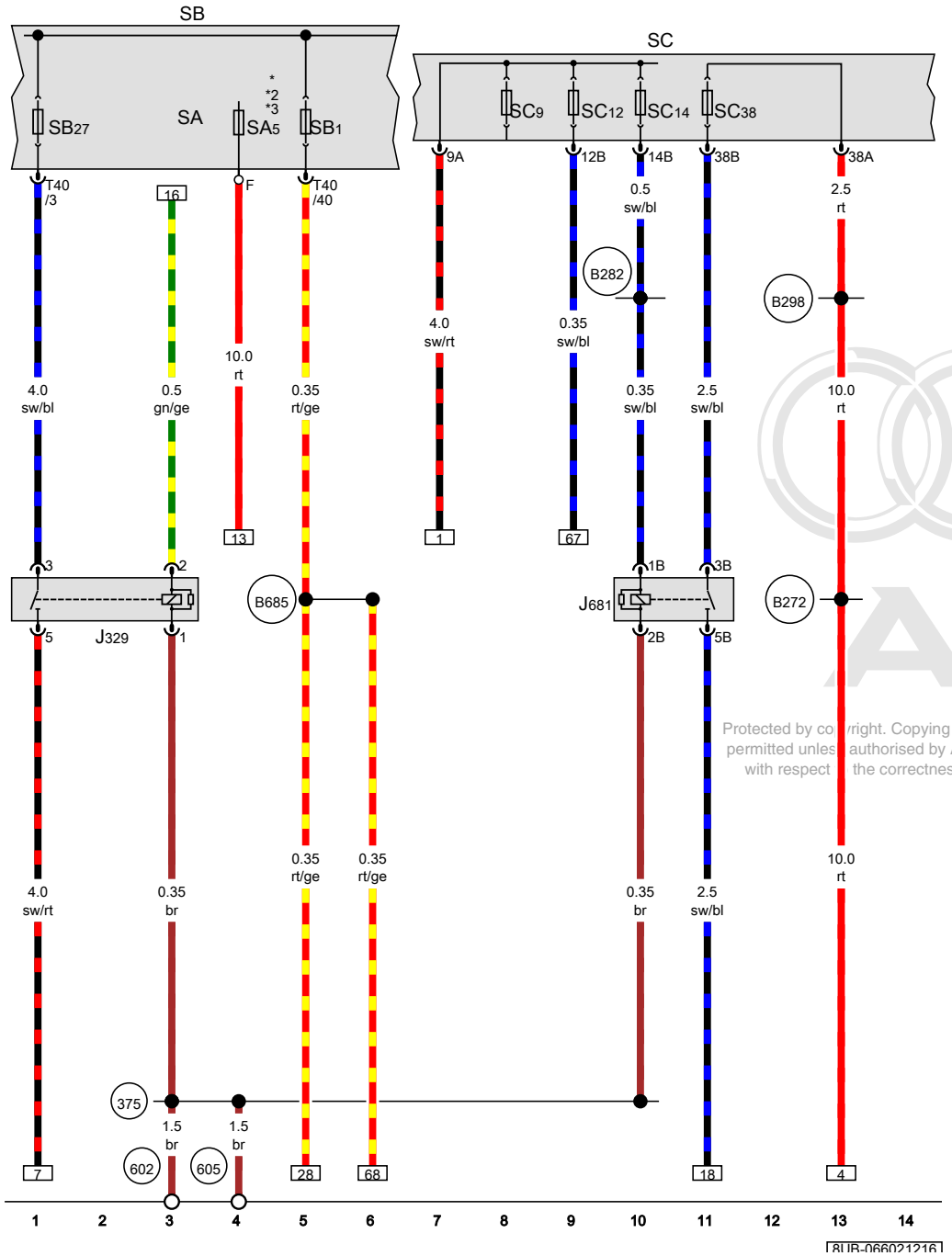
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6-speed automatic gearbox , (0EW)

From April 2014

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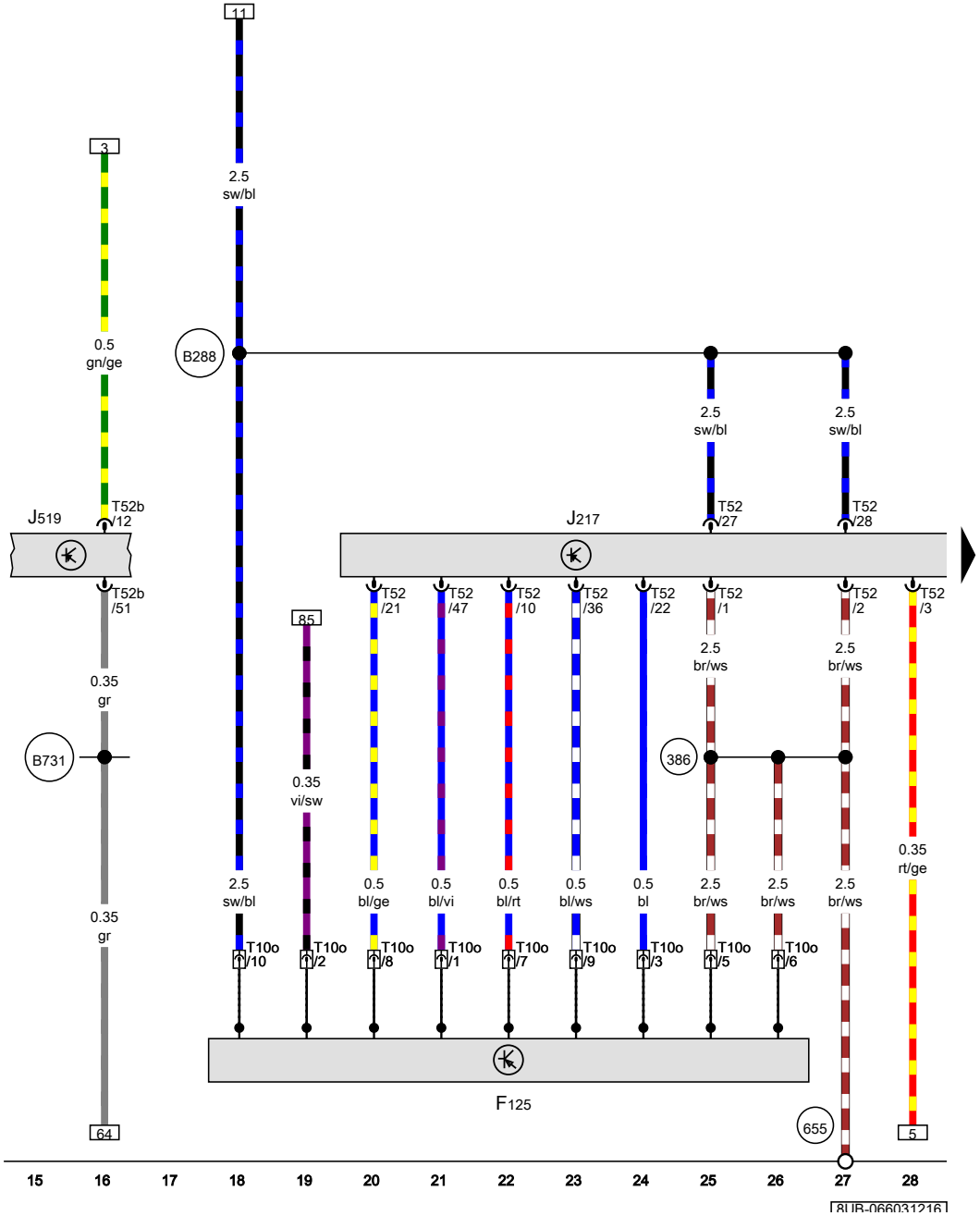


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Terminal 15 voltage supply relay, Terminal 15 voltage supply relay 2

J329	Terminal 15 voltage supply relay
J681	Terminal 15 voltage supply relay 2
SA	Fuse holder A
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC12	Fuse 12 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC38	Fuse 38 on fuse holder C
T40	40-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B685	Positive connection 25 (30a) in main wiring harness
*	Only models with battery in engine compartment
*2	Only models with battery in luggage compartment
*3	see applicable current flow diagram

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Multifunction switch, Automatic gearbox control unit

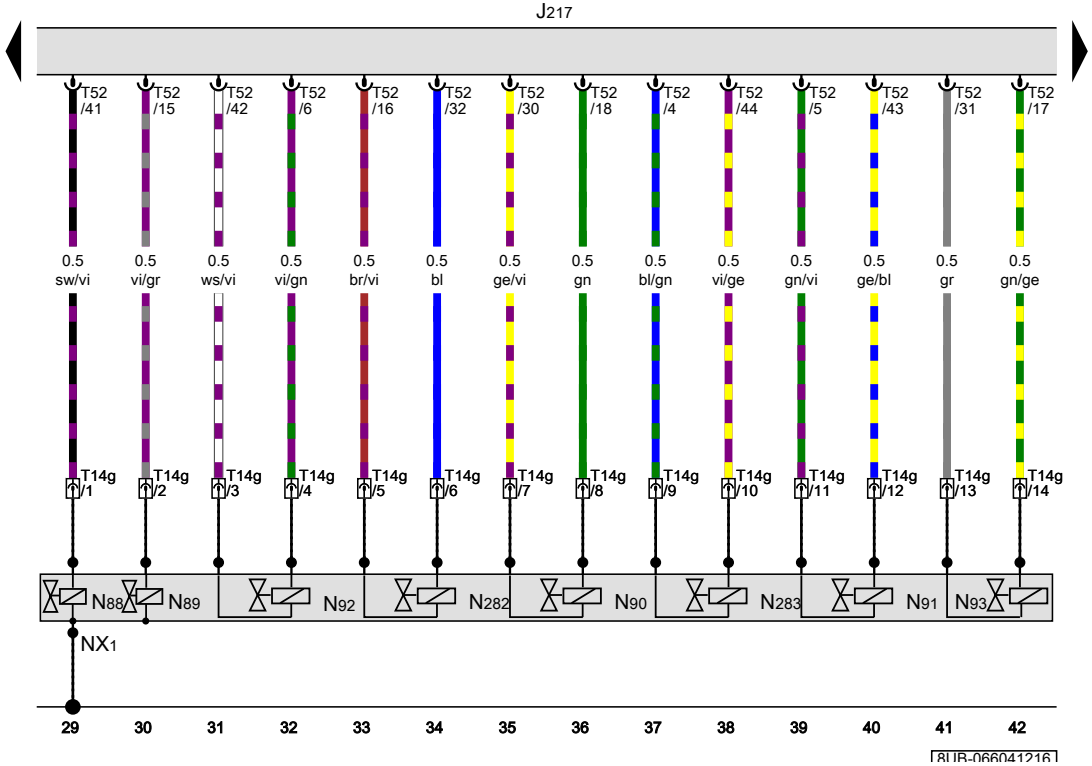
F125	Multifunction switch
J217	Automatic gearbox control unit
J519	Onboard supply control unit
T10o	10-pin connector
T52	52-pin connector
T52b	52-pin connector
386	Earth connection 21, in main wiring harness
655	Earth point, on left headlight
B288	Positive connection 12 (15a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness

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Automatic gearbox control unit

J217	Automatic gearbox control unit
NX1	Gearbox
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
N93	Solenoid valve 6
N282	Solenoid valve 9
N283	Solenoid valve 10
T14g	14-pin connector
T52	52-pin connector

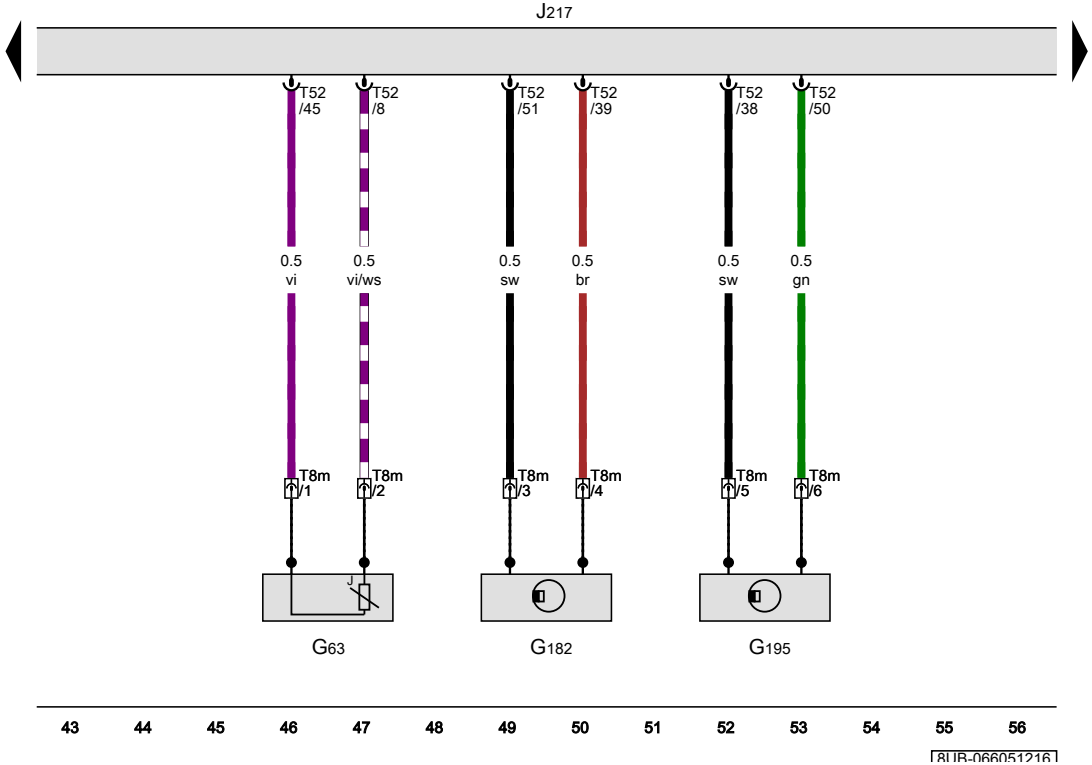


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Water separator sender, Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit

G63	Water separator sender
G182	Gearbox input speed sender
G195	Gearbox output speed sender
J217	Automatic gearbox control unit
T8m	8-pin connector
T52	52-pin connector

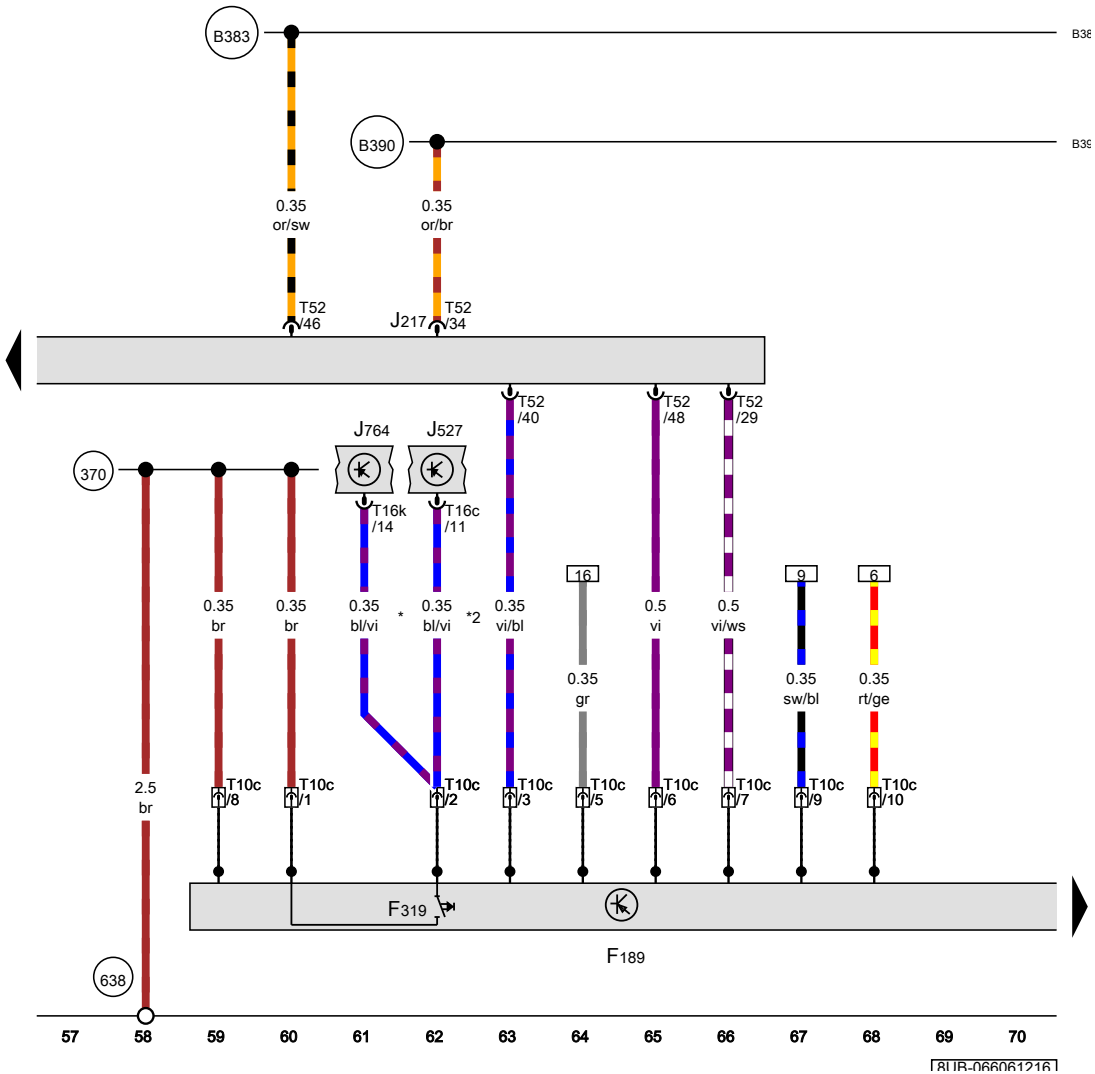


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Tiptronic switch, Automatic gearbox control unit

F189	Tiptronic switch
F319	Selector lever locked in position P switch
J217	Automatic gearbox control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
T10c	10-pin connector
T16c	16-pin connector
T16k	16-pin connector
T52	52-pin connector
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with no entry and start authorisation

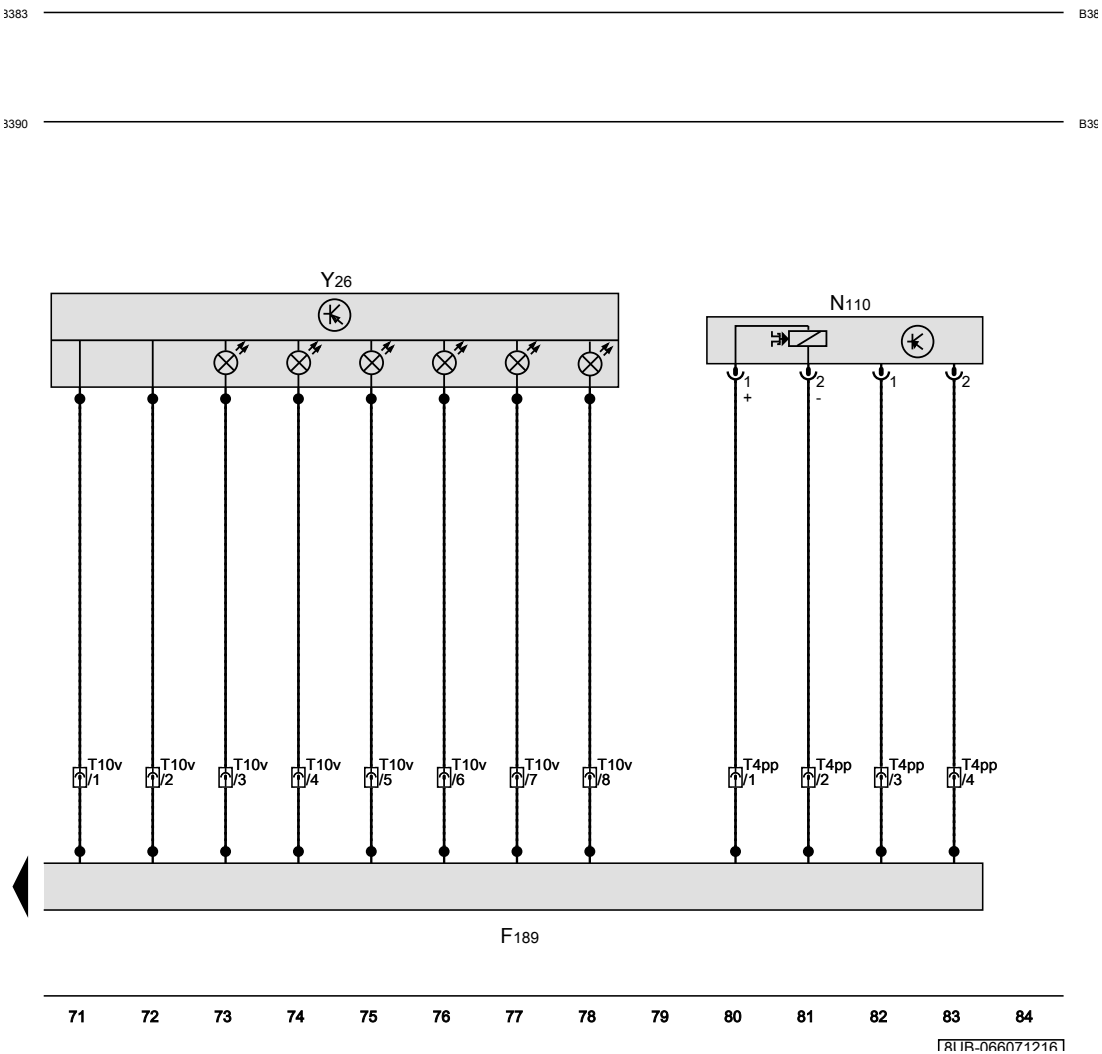


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rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

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Tiptronic switch, Selector lever lock solenoid, Selector lever position display

F189	Tiptronic switch
N110	Selector lever lock solenoid
T4pp	4-pin connector
T10v	10-pin connector
Y26	Selector lever position display
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

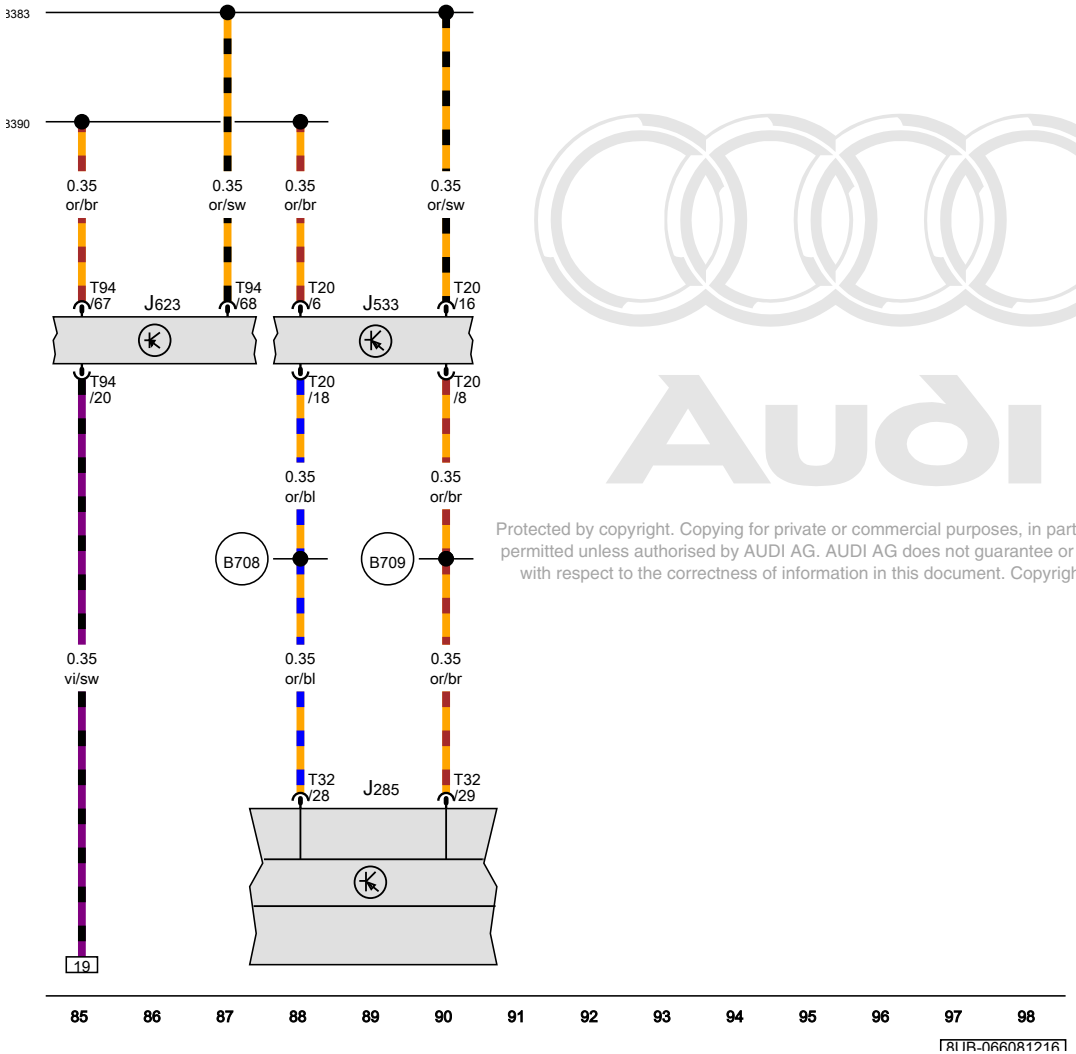


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
T20	20-pin connector
T32	32-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
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



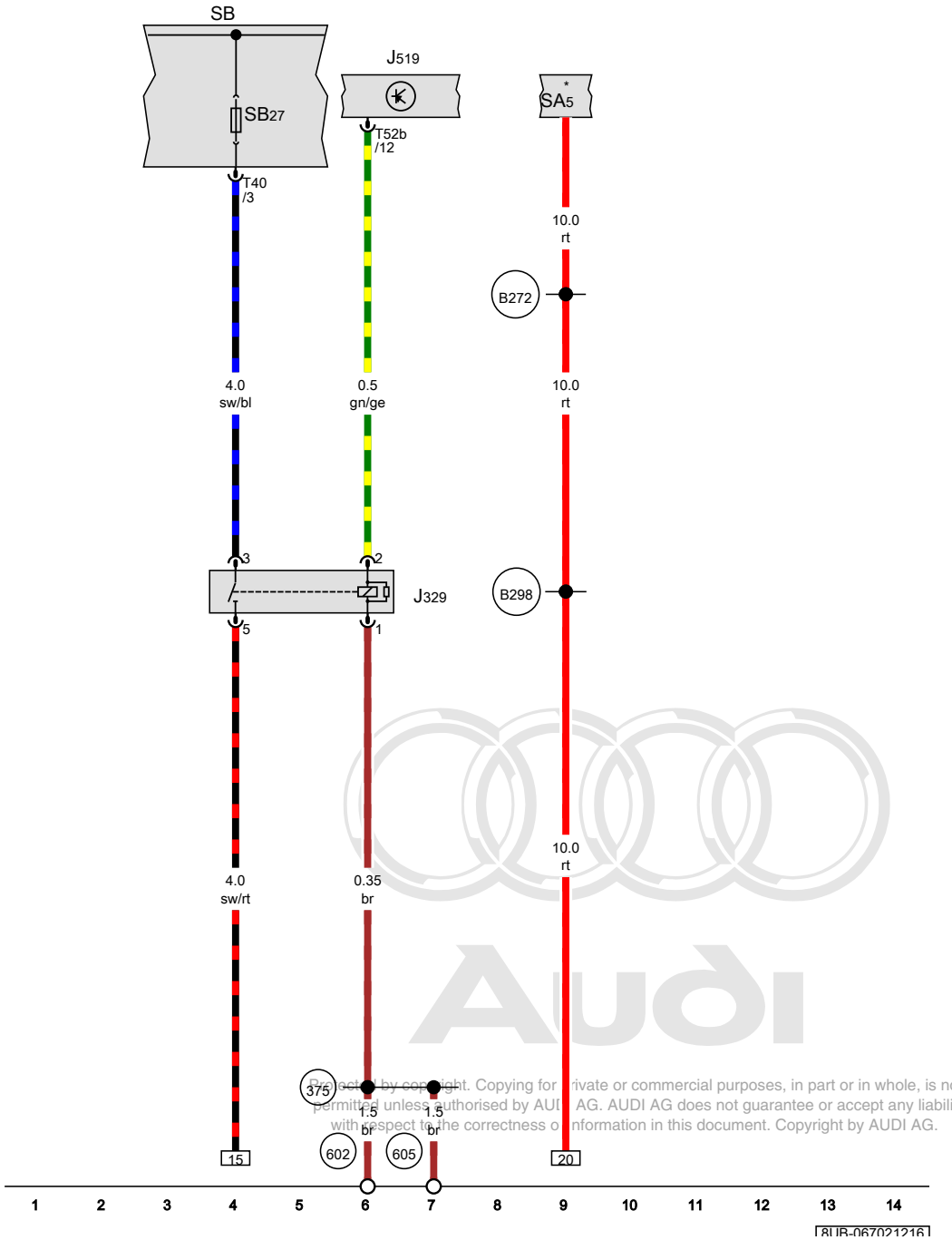
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All-wheel drive , (1X1)

From November 2013

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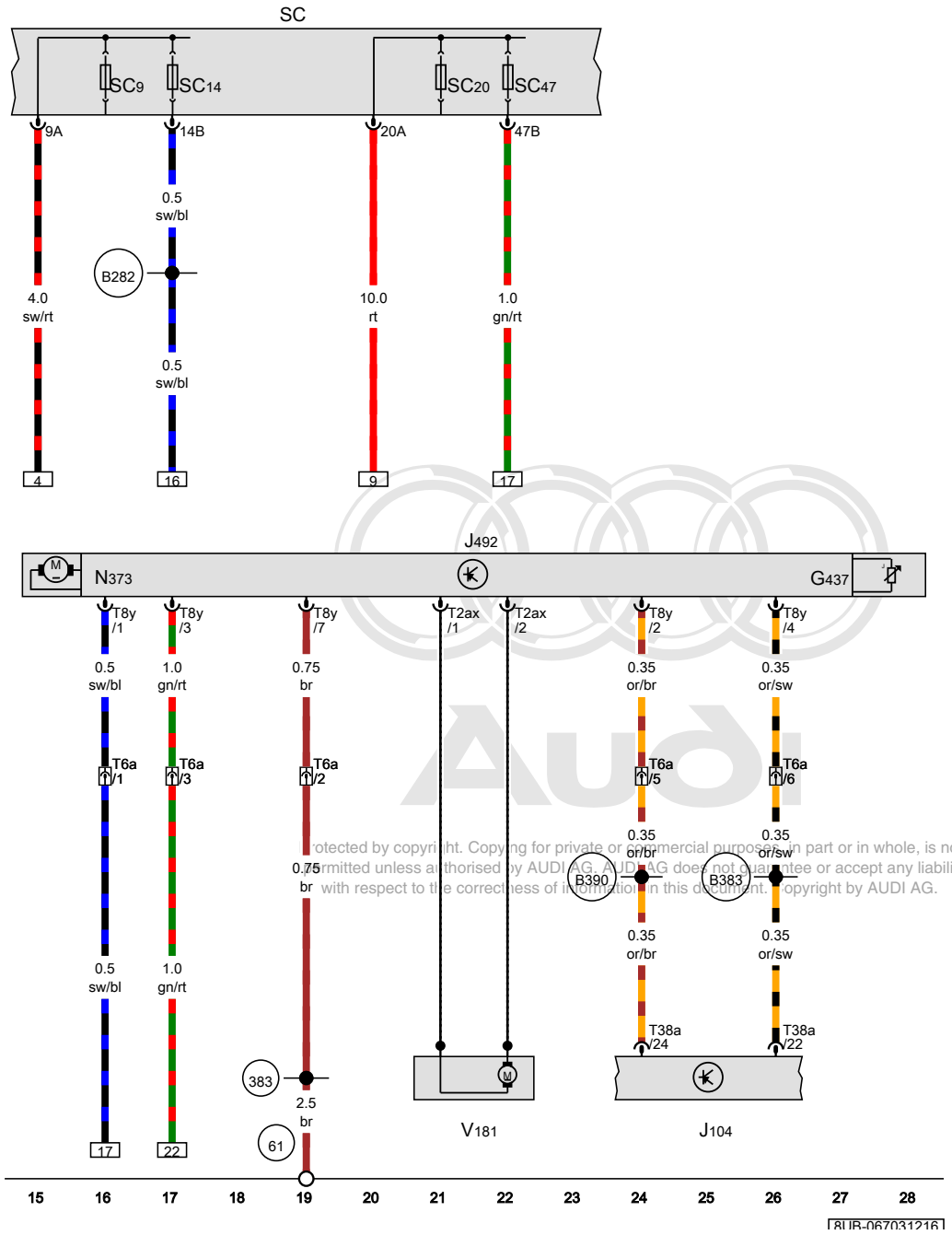


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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for battery

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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All-wheel drive control unit, Coupling opening control valve

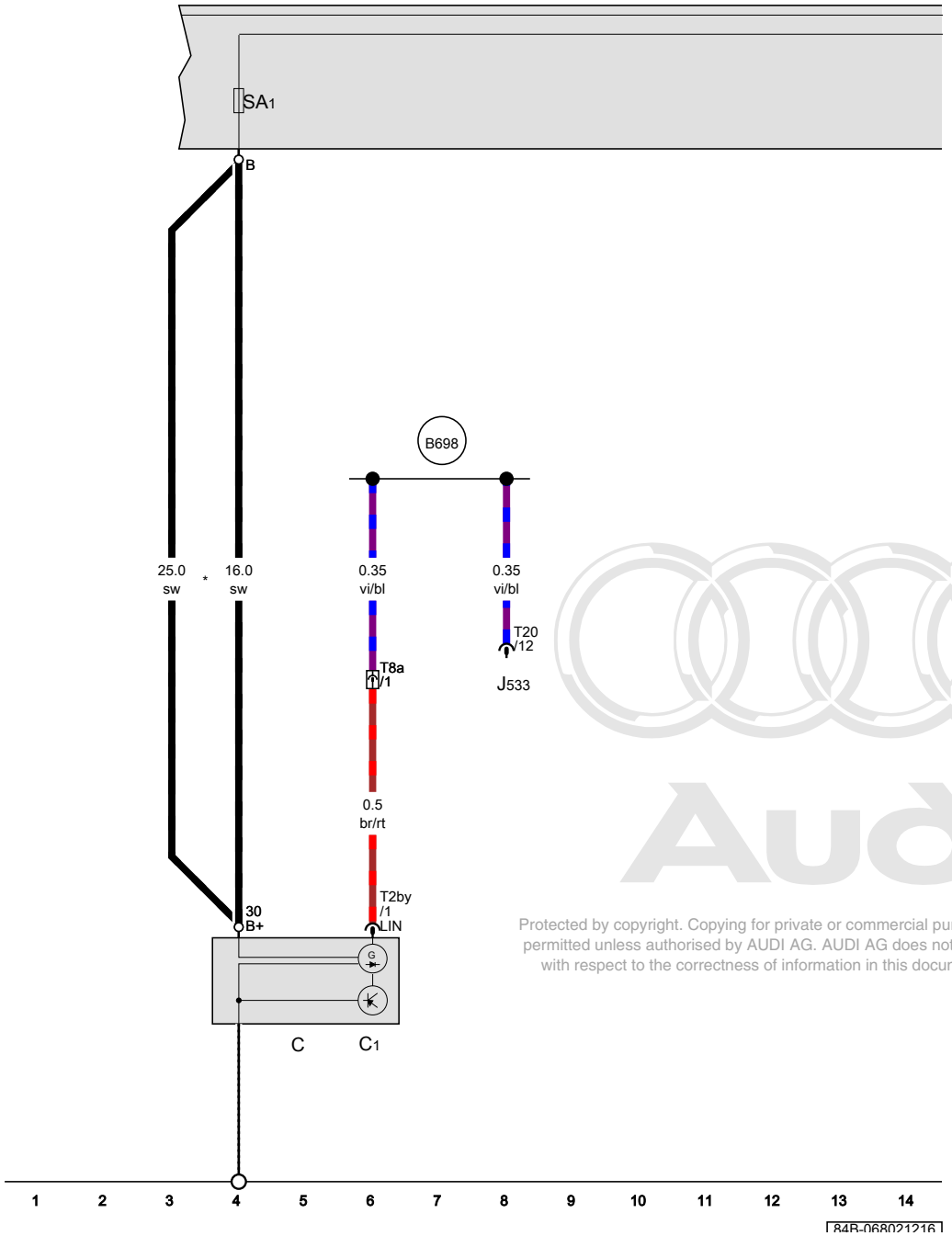
G437	Oil pressure and oil temperature sender
J104	ABS control unit
J492	All-wheel drive control unit
N373	Coupling opening control valve
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC47	Fuse 47 on fuse holder C
T2ax	2-pin connector
T6a	6-pin connector
T8y	8-pin connector
T38a	38-pin connector
V181	All-wheel drive coupling pump
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness

ws	=	white
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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

Battery in engine compartment with no start/stop system and no energy recovery

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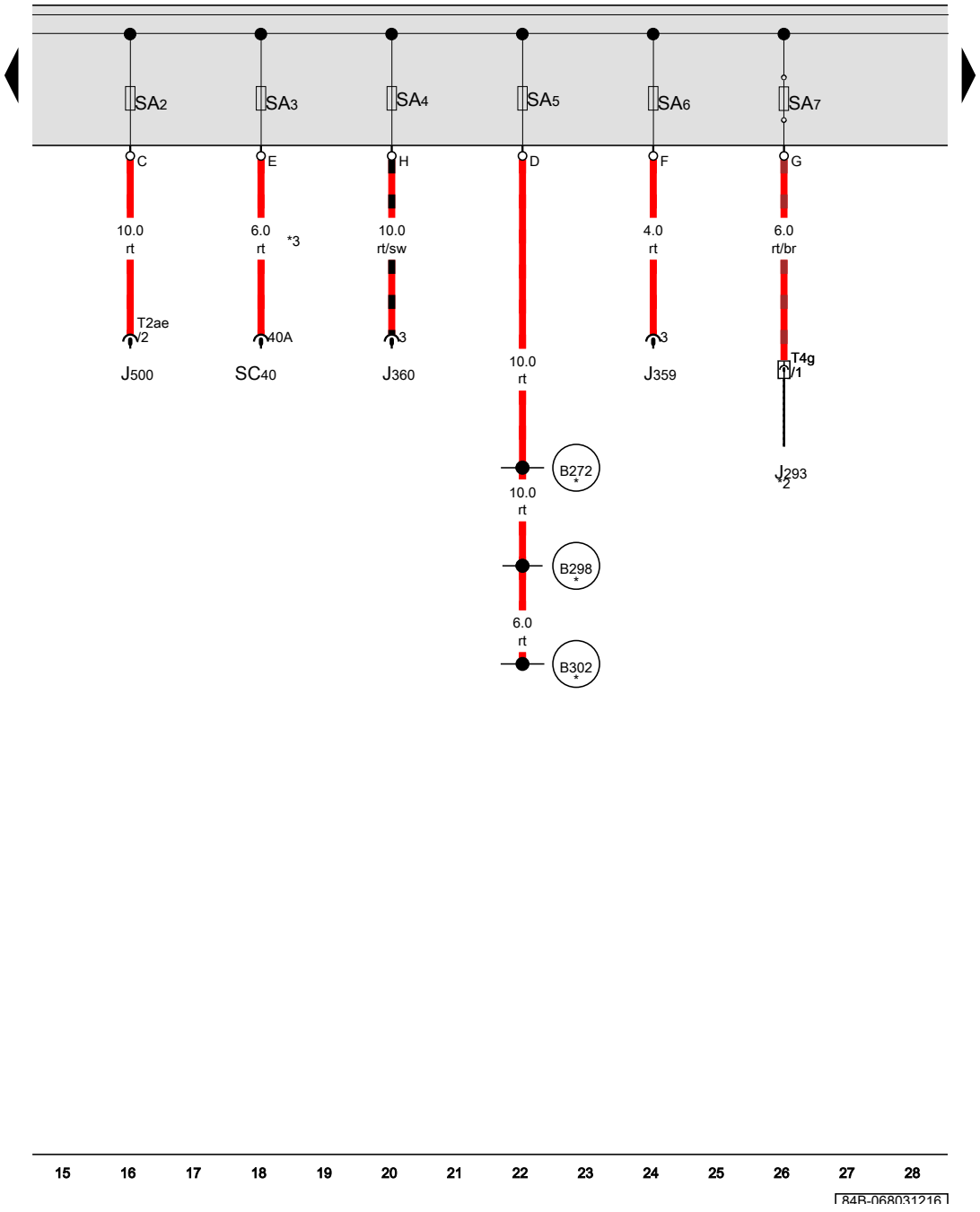


Alternator, Fuse 1 on fuse holder A

C	Alternator
C1	Voltage regulator
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
T2by	2-pin connector
T8a	8-pin connector
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	Only models with 140A alternator

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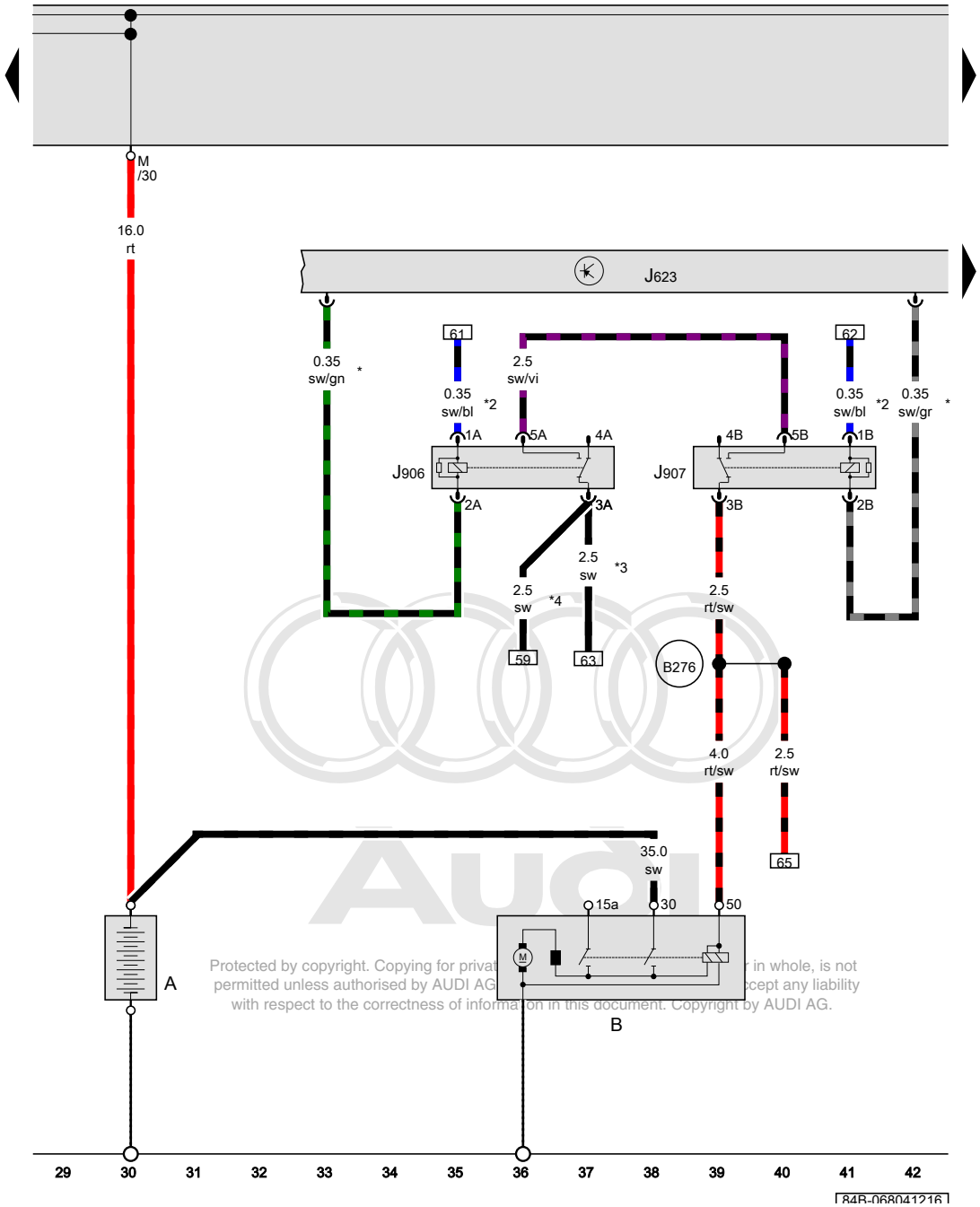


Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A

J293	Radiator fan control unit
J359	Low heat output relay
J360	High heat output relay
J500	Power steering control unit
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SC40	Fuse 40 on fuse holder C
T2ae	2-pin connector
T4g	4-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	see applicable current flow diagram for radiator fan
*3	see applicable current flow diagram for towing bracket

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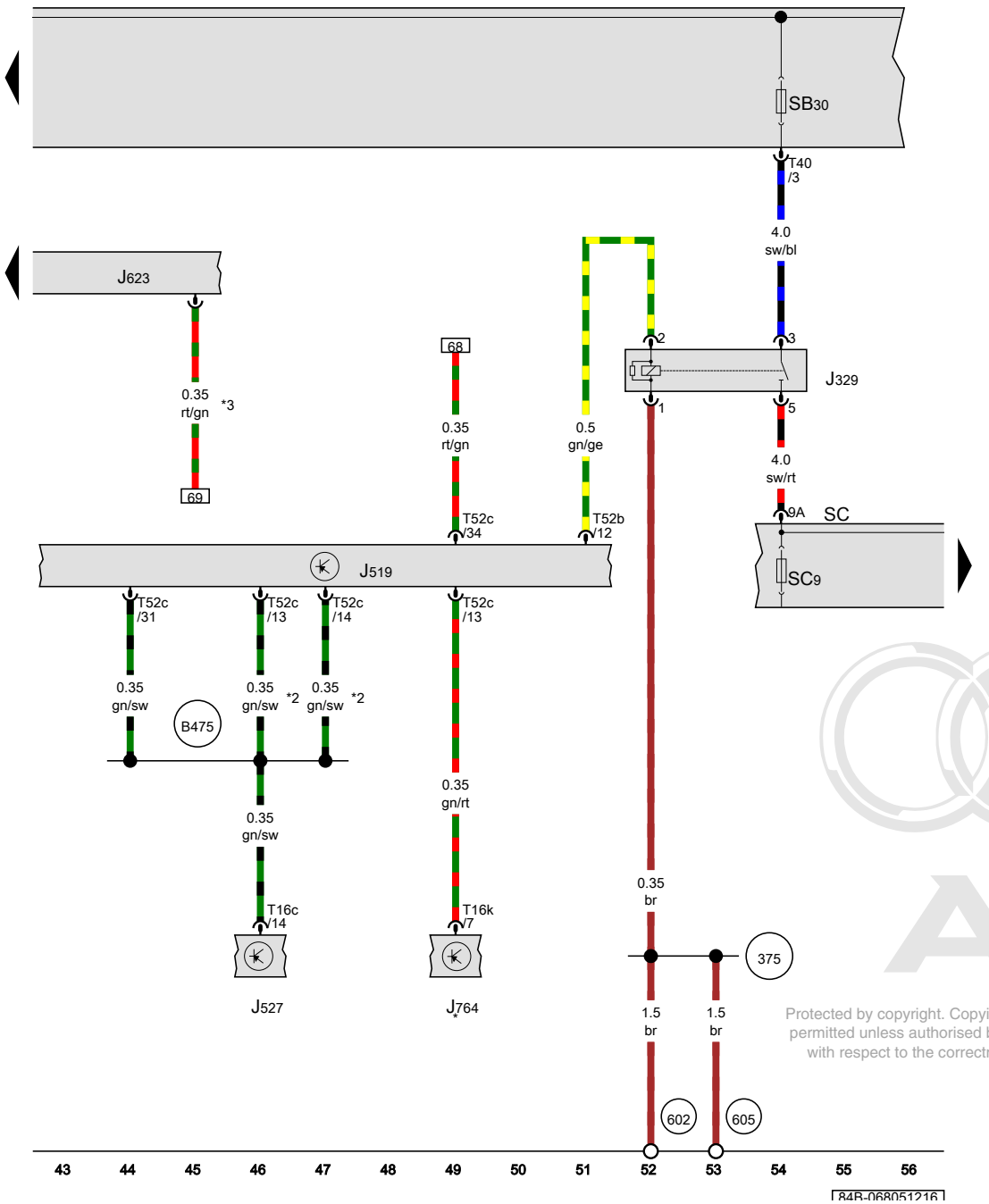


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Battery, Starter, Engine control unit, Starter relay 1, Starter relay 2

A	Battery
B	Starter
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T1a	1-pin connector
B276	Positive connection (50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Wiring colour depends on equipment
*3	Gradually discontinued
*4	gradual introduction

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sw	=	black
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rt	=	red
br	=	brown
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gr	=	grey
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rs	=	pink



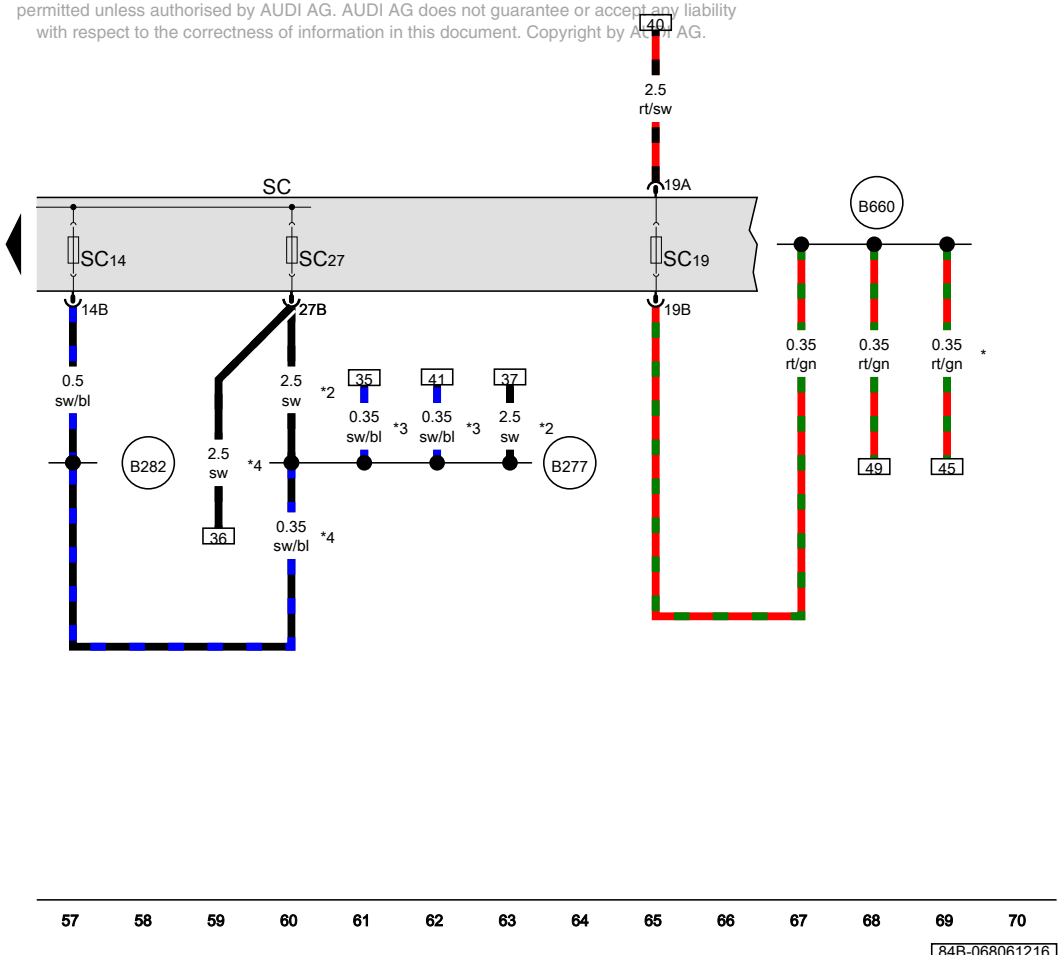
Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Engine control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SB30	Fuse 30 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
T16c	16-pin connector
T16k	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
*	Only models with entry and start authorisation
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for engine

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

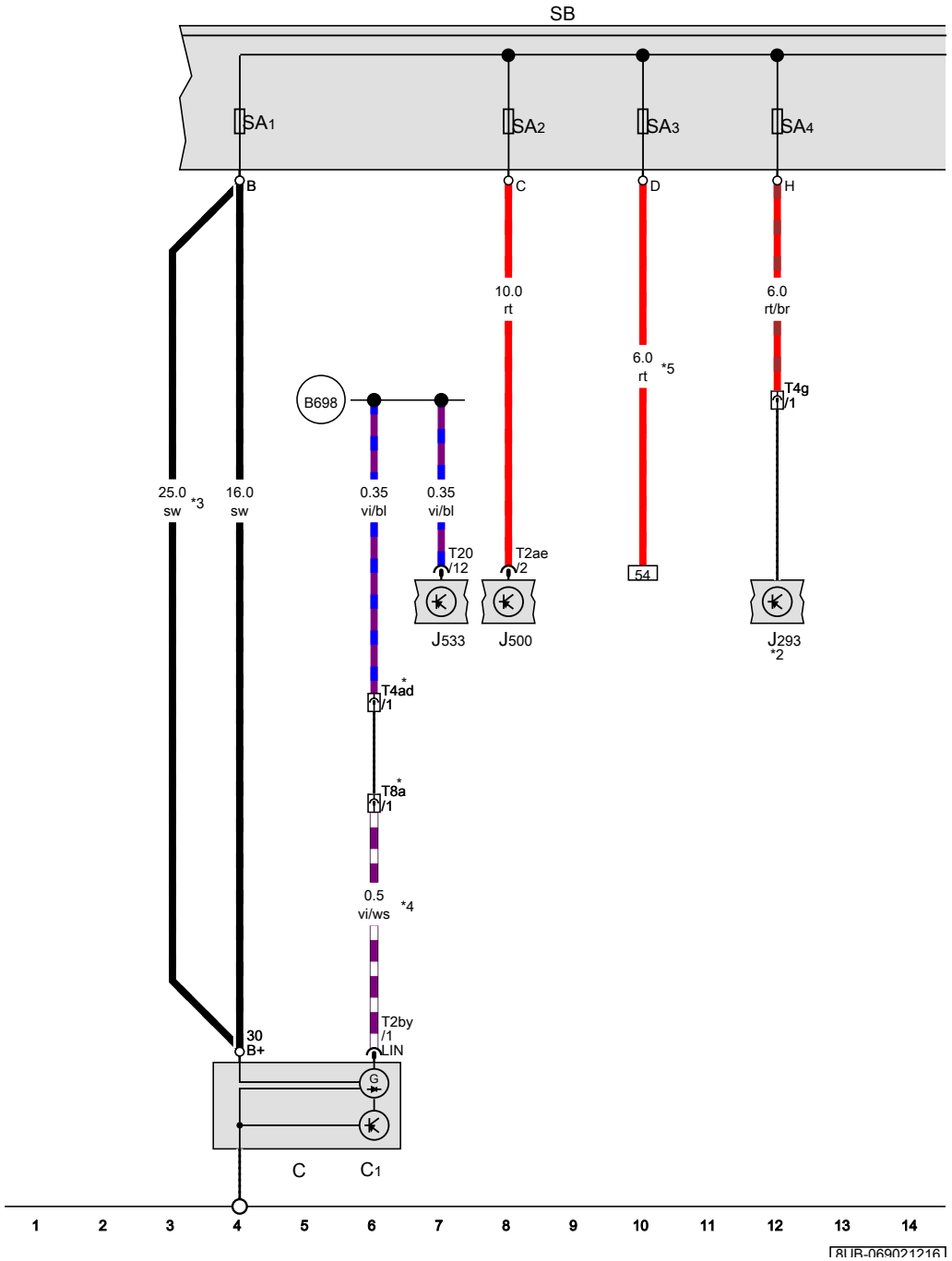
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC27	Fuse 27 on fuse holder C
B277	Positive connection 1 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	see applicable current flow diagram for engine
*2	Gradually discontinued
*3	Wiring colour depends on equipment
*4	gradual introduction

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ge	=	yellow
or	=	orange
rs	=	pink

Battery in engine compartment with no start/stop system and no energy recovery , (7L3)

From November 2012

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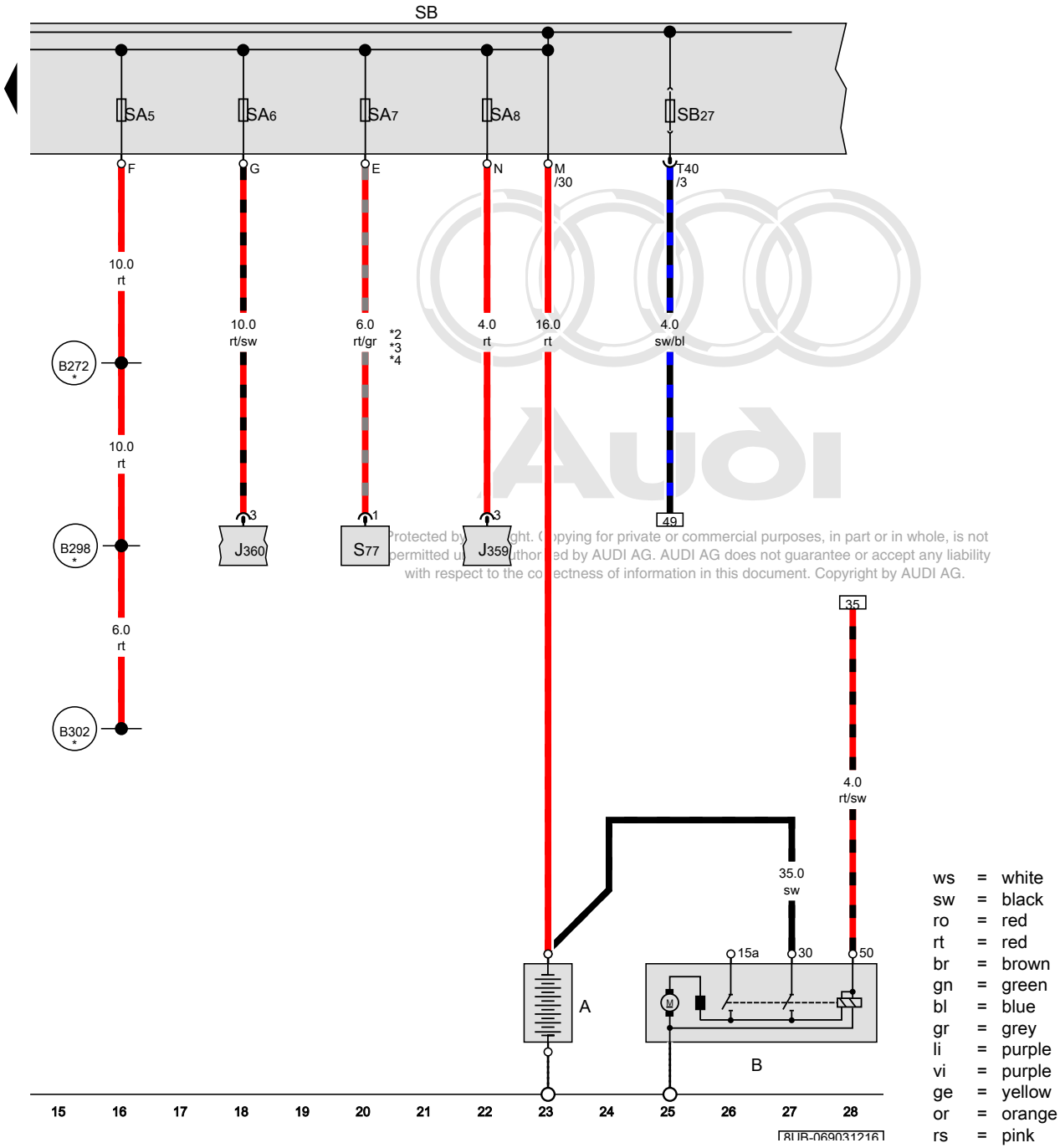


Alternator, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A

C	Alternator
C1	Voltage regulator
J293	Radiator fan control unit
J500	Power steering control unit
J533	Data bus diagnostic interface
SA1	Fuse 1 on fuse holder A
SA2	Fuse 2 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SB	Fuse holder B
T2ae	2-pin connector
T2by	2-pin connector
T4ad	4-pin connector
T4g	4-pin connector
T8a	8-pin connector
T20	20-pin connector
B698	Connection 3 (LIN bus) in main wiring harness
*	According to equipment
*2	see applicable current flow diagram for radiator fan
*3	Only models with 140A alternator
*4	Wiring colour depends on equipment
*5	see applicable current flow diagram for towing bracket

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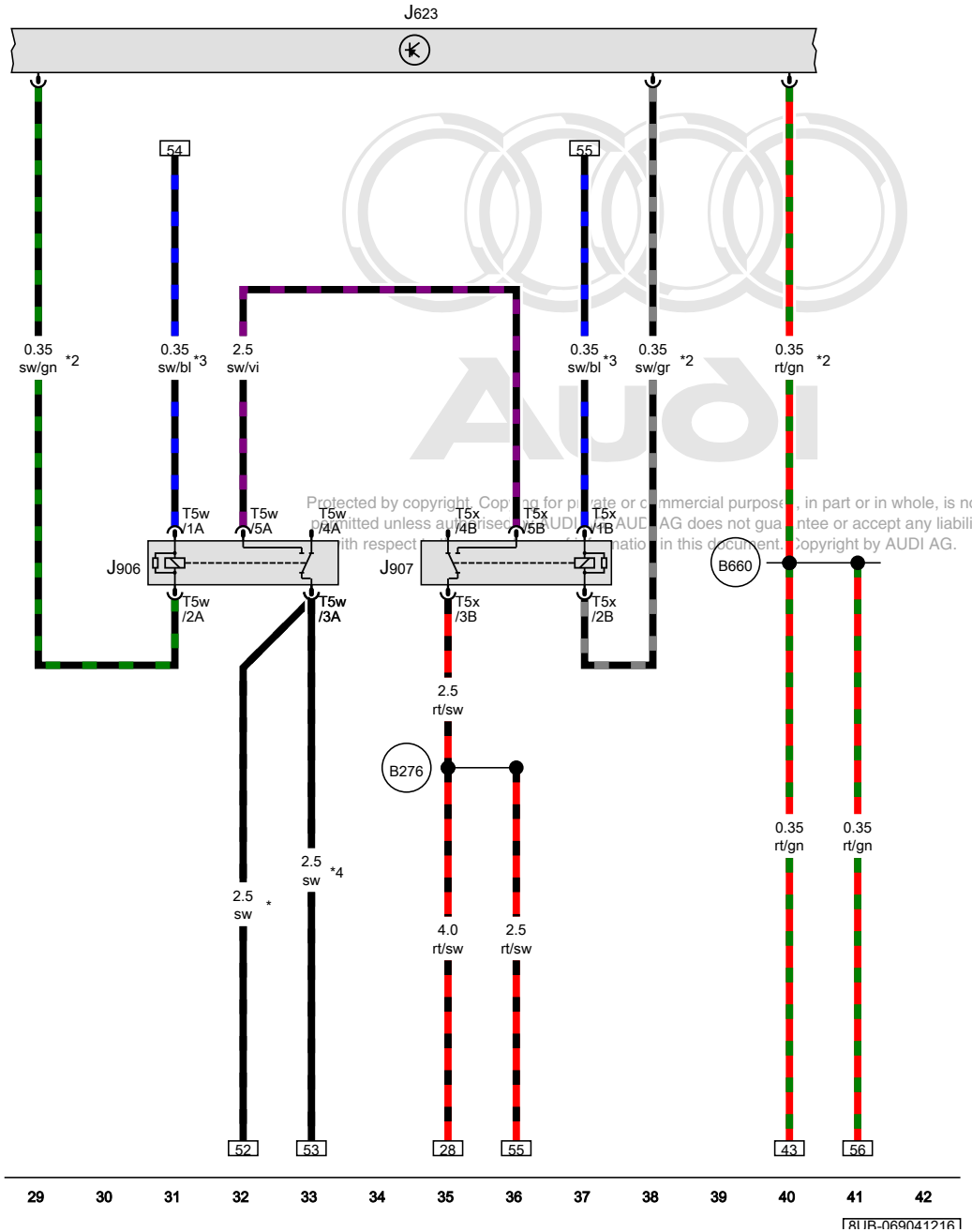
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Battery, Starter, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse 7 on fuse holder A, Fuse 8 on fuse holder A, Terminal 30 fuse, trailer towing attachment

A	Battery
B	Starter
J359	Low heat output relay
J360	High heat output relay
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA7	Fuse 7 on fuse holder A
SA8	Fuse 8 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
T1a	1-pin connector
T40	40-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	see applicable current flow diagram for fuse assignment
*2	Only right-hand drive models
*3	Only models with preparation for trailer coupling
*4	Cross section depends on equipment

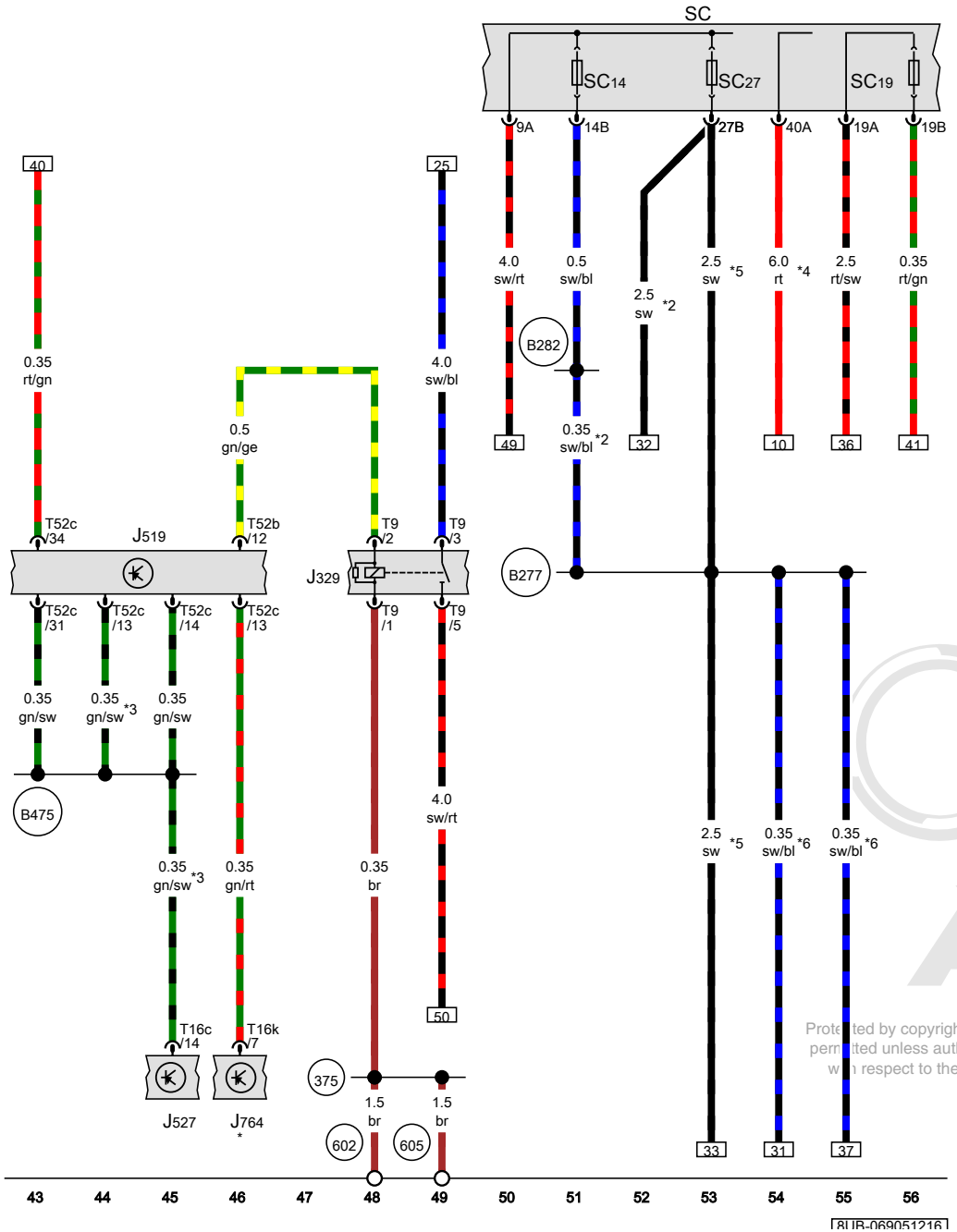
Engine control unit, Starter relay 1, Starter relay 2



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J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T5w	5-pin connector
T5x	5-pin connector
B276	Positive connection (50), in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	gradual introduction
*2	see applicable current flow diagram for engine
*3	Wiring colour depends on equipment
*4	Gradually discontinued

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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



Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC19	Fuse 19 on fuse holder C
SC27	Fuse 27 on fuse holder C
T9	9-pin connector
T16c	16-pin connector
T16k	16-pin connector
T52b	52-pin connector
T52c	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B277	Positive connection 1 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B475	Connection 11, in main wiring harness
*	Only models with entry and start authorisation
*2	gradual introduction
*3	Only models with no entry and start authorisation
*4	see applicable current flow diagram for towing bracket
*5	Gradually discontinued
*6	Wiring colour depends on equipment

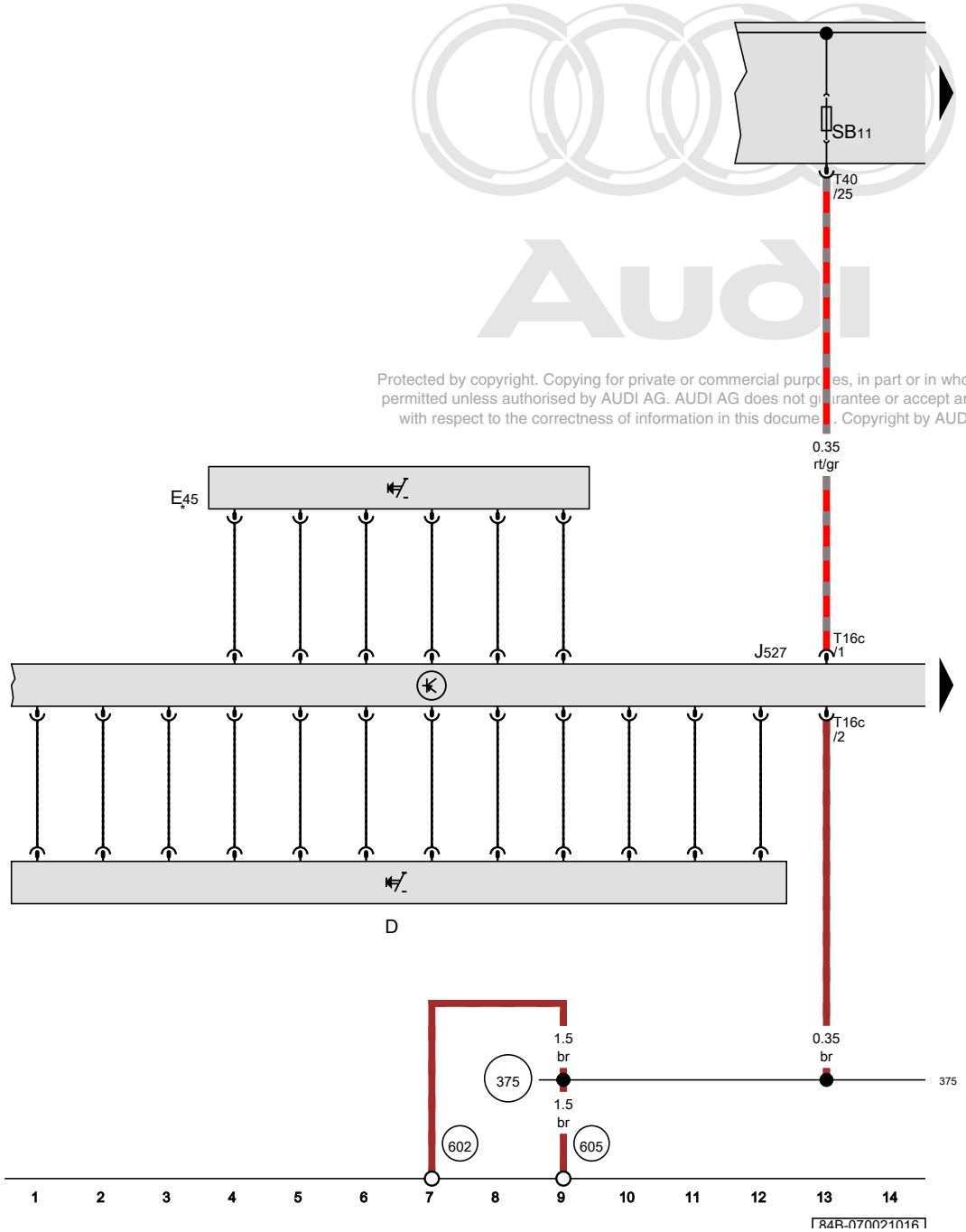
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1.4l petrol engine , CSSA

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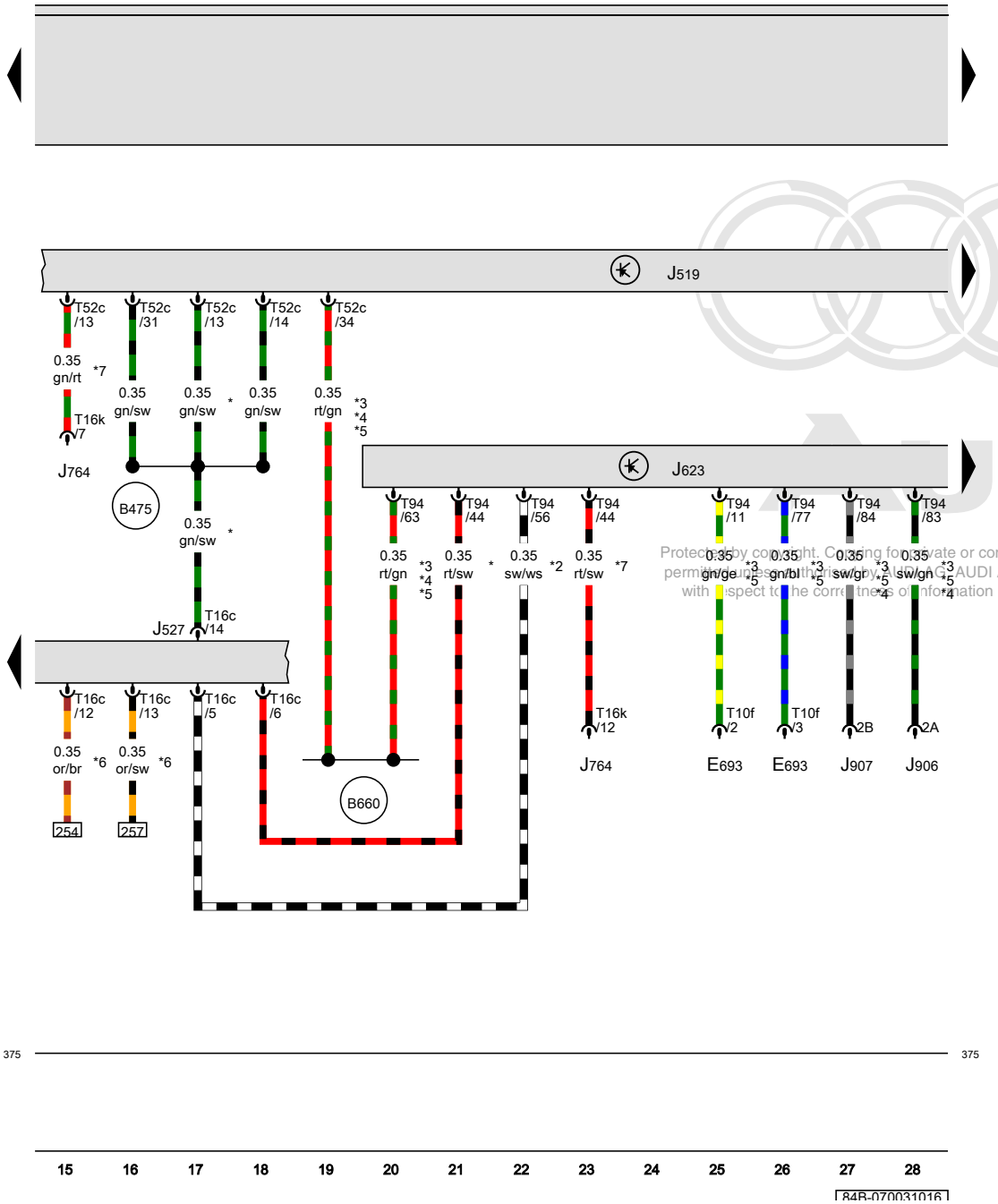


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Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

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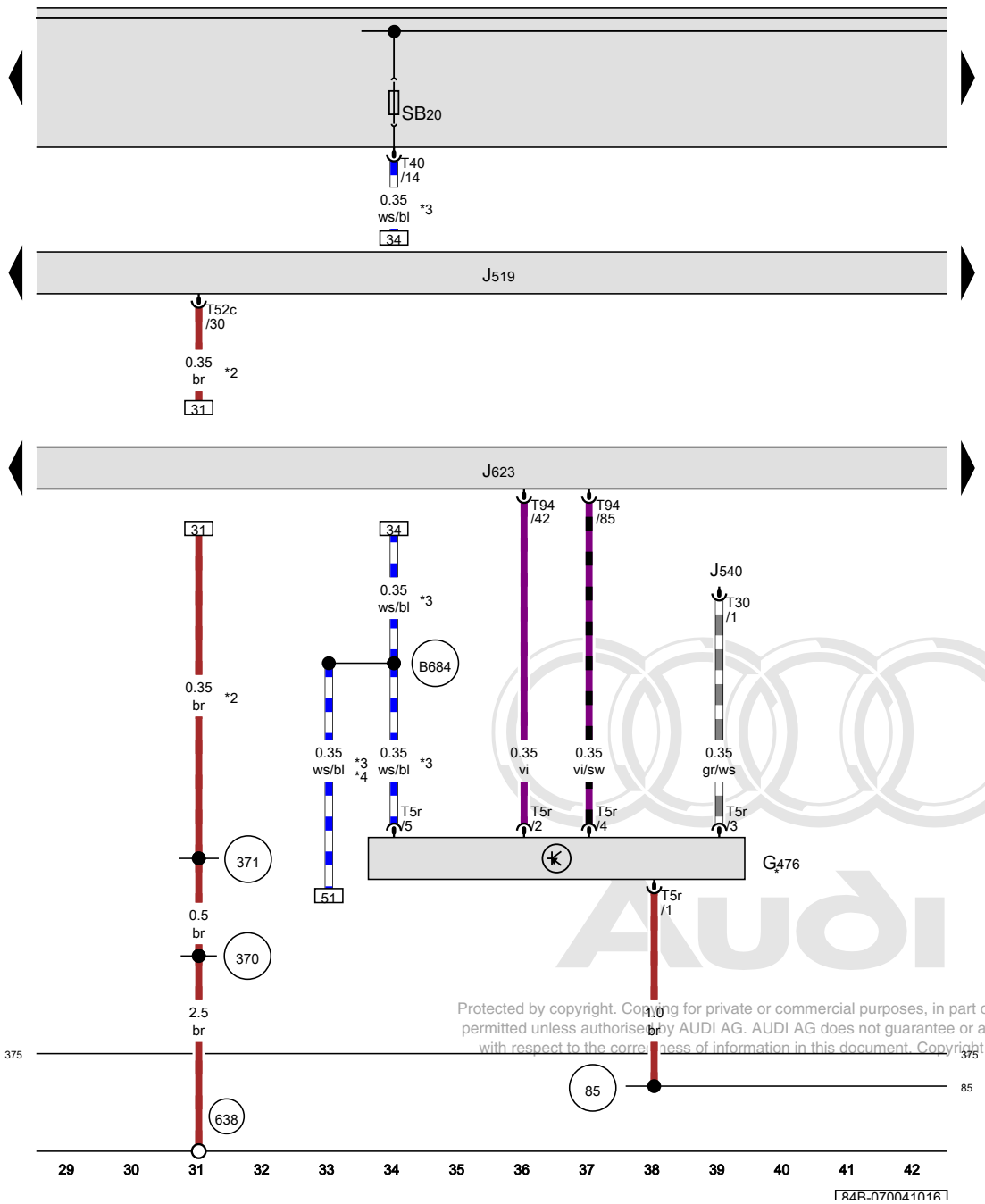


Onboard supply control unit, Steering column electronics control unit, Engine control unit

E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T10f	10-pin connector
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only left-hand drive models
*7	Only models with entry and start authorisation

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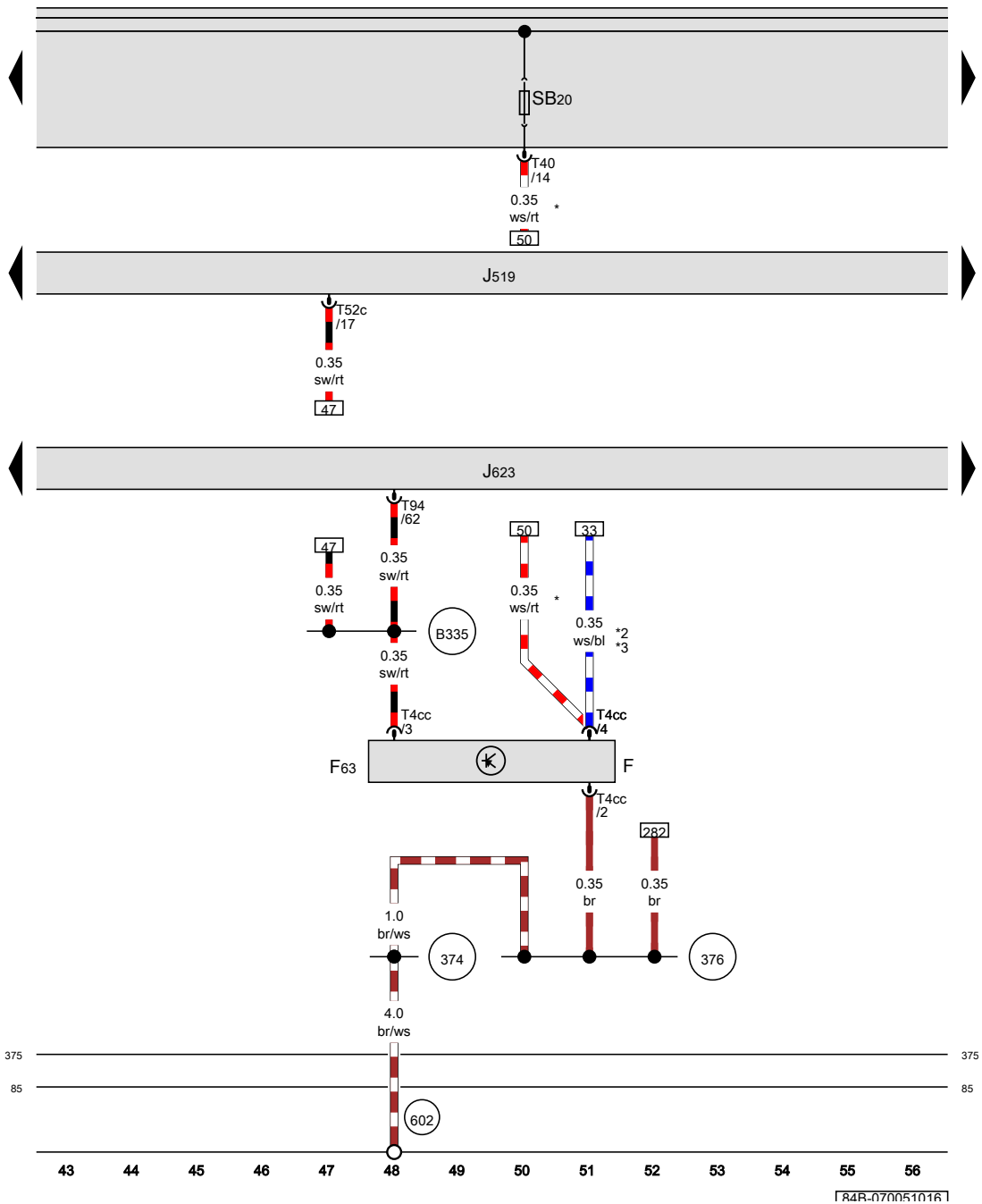


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Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T5r	5-pin connector, black
T30	30-pin connector
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B684	Positive connection 24 (30a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Wiring colour depends on equipment
*4	Up to April 2015

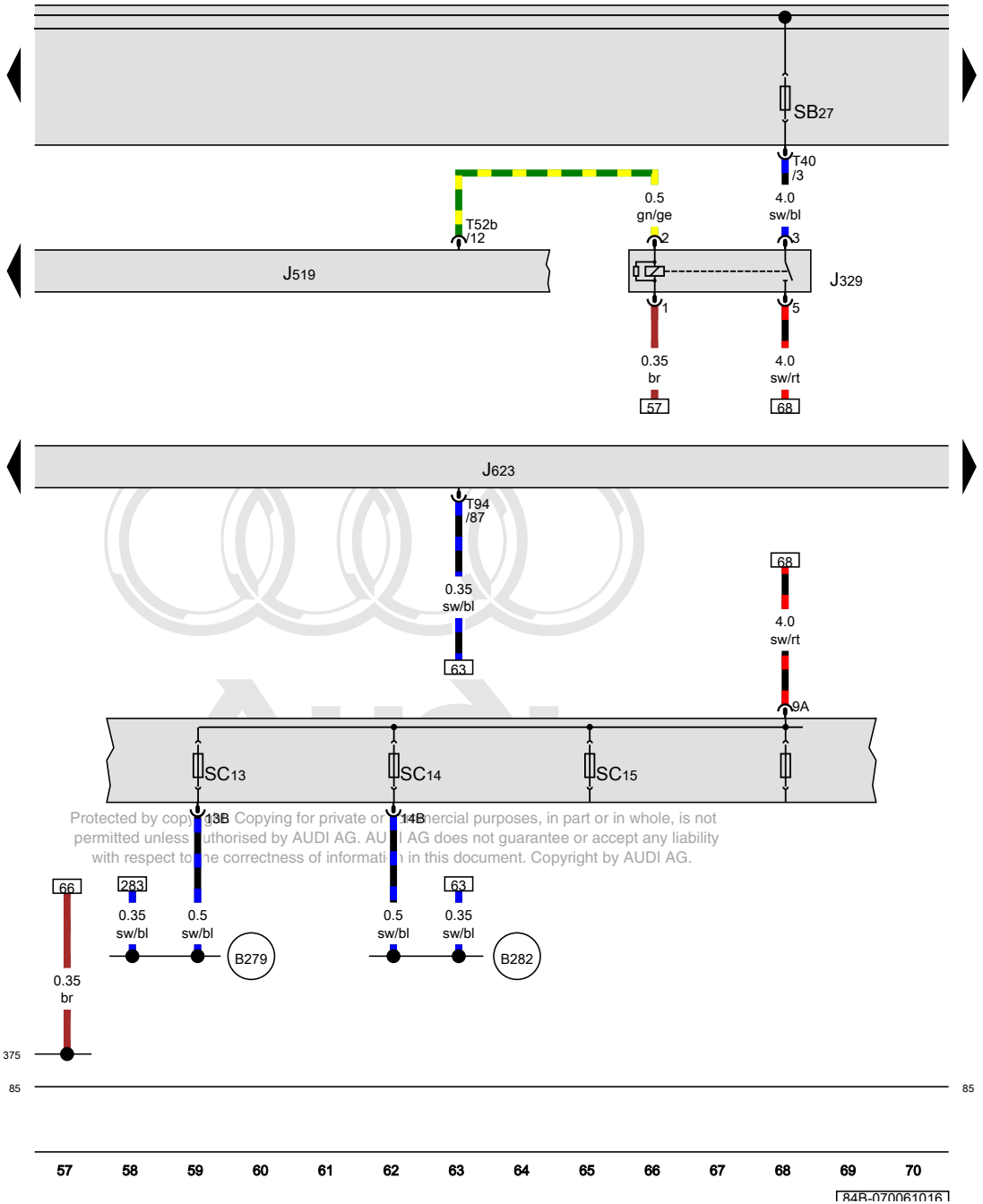


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T4cc	4-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	From May 2015
*2	Wiring colour depends on equipment
*3	Up to April 2015

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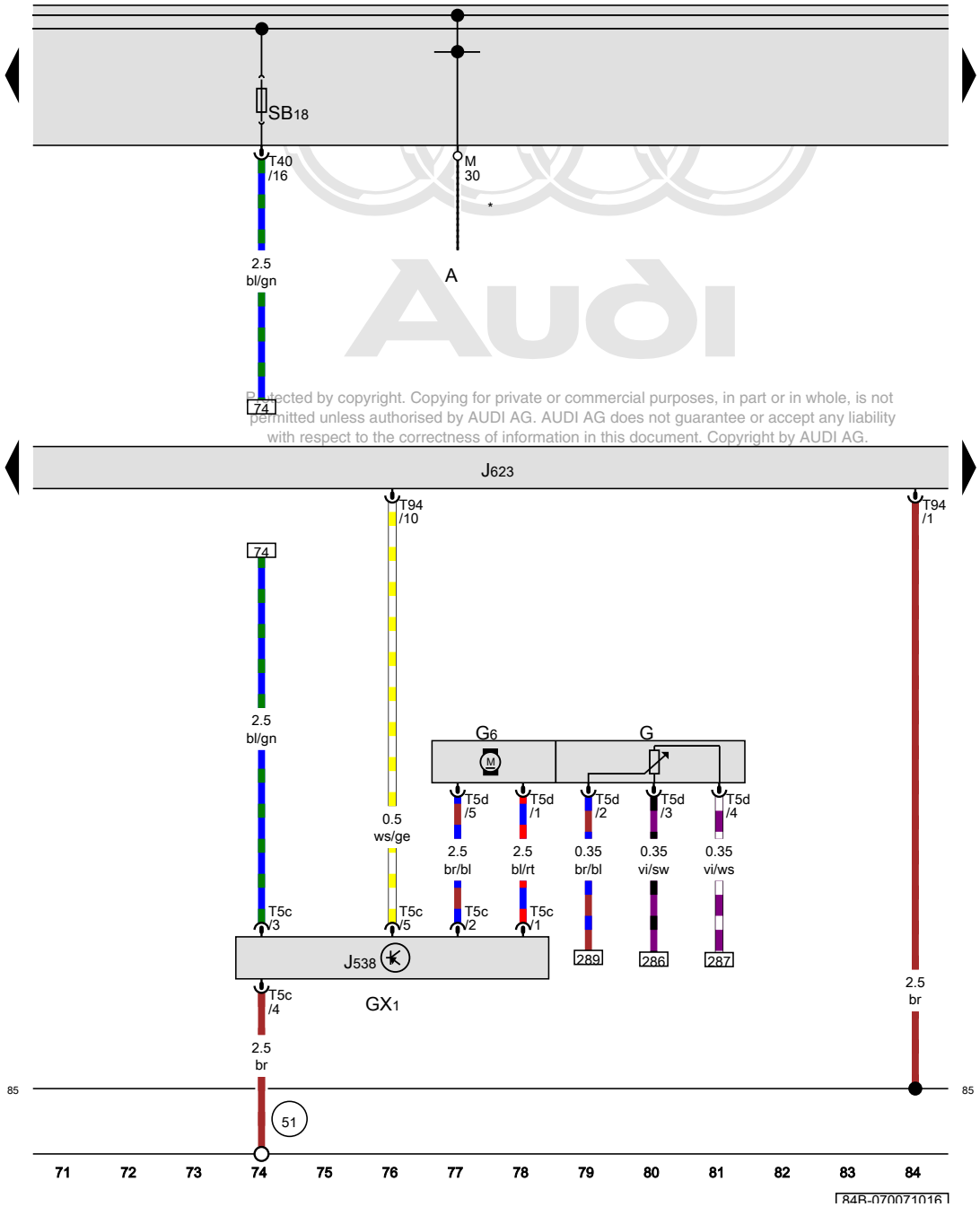


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Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SB27	Fuse 27 on fuse holder B
T40	40-pin connector, black
T52b	52-pin connector, colourless
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
375	Earth connection 10, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness

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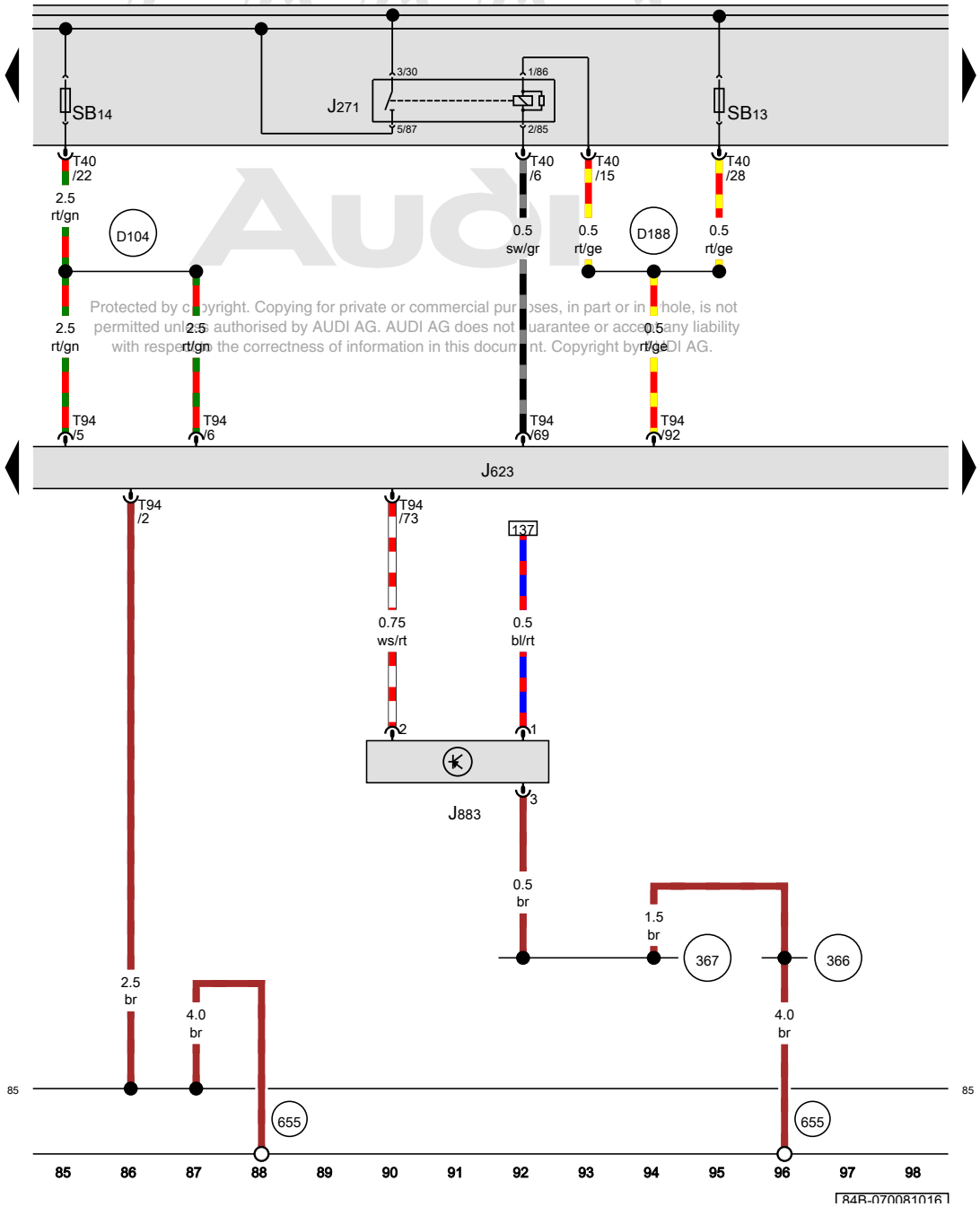


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

A	Battery
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
T5c	5-pin connector
T5d	5-pin connector
T40	40-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment

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rt	=	red
br	=	brown
gn	=	green
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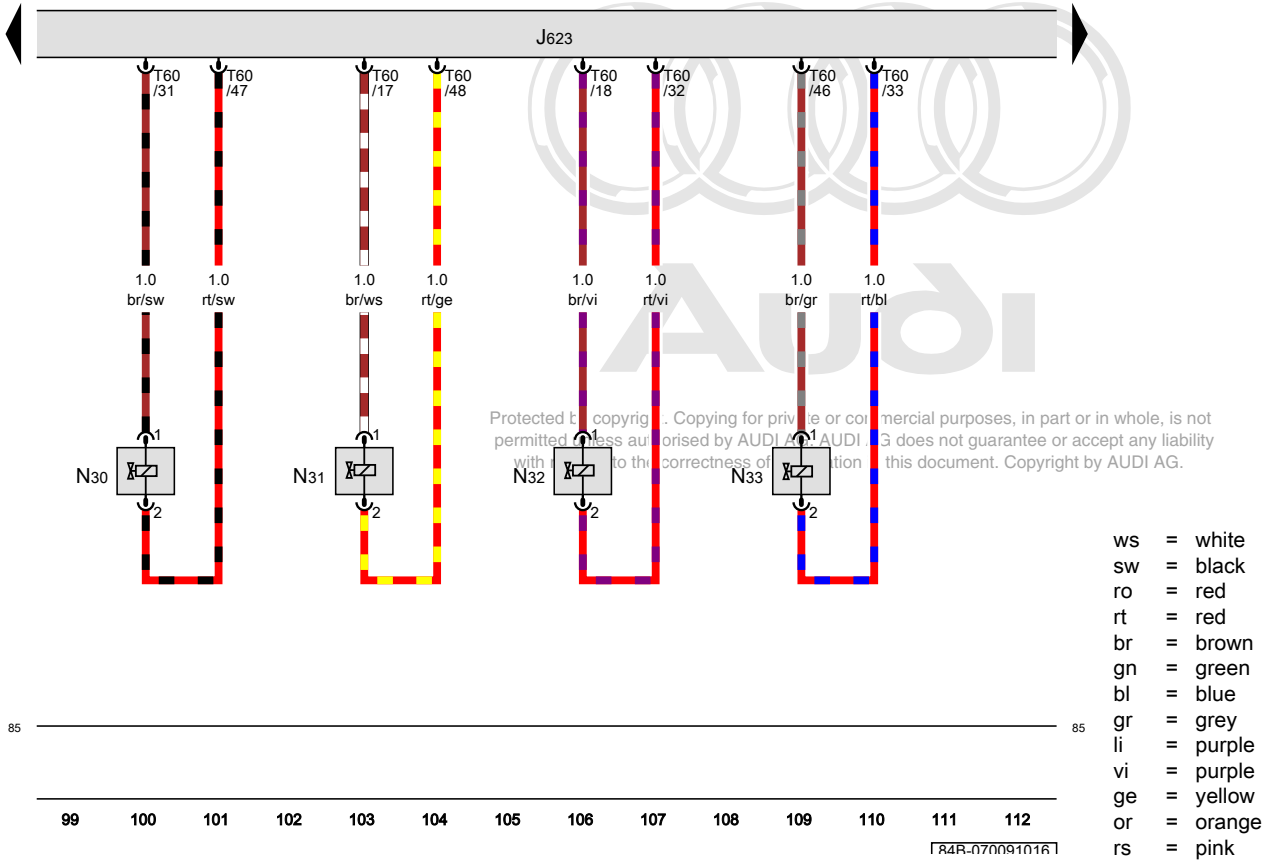
Main relay, Engine control unit

J271	Main relay
J623	Engine control unit
J883	Exhaust flap control unit
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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sw	=	black
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gn	=	green
bl	=	blue
gr	=	grey
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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, black
85	Earth connection 1, in engine compartment wiring harness

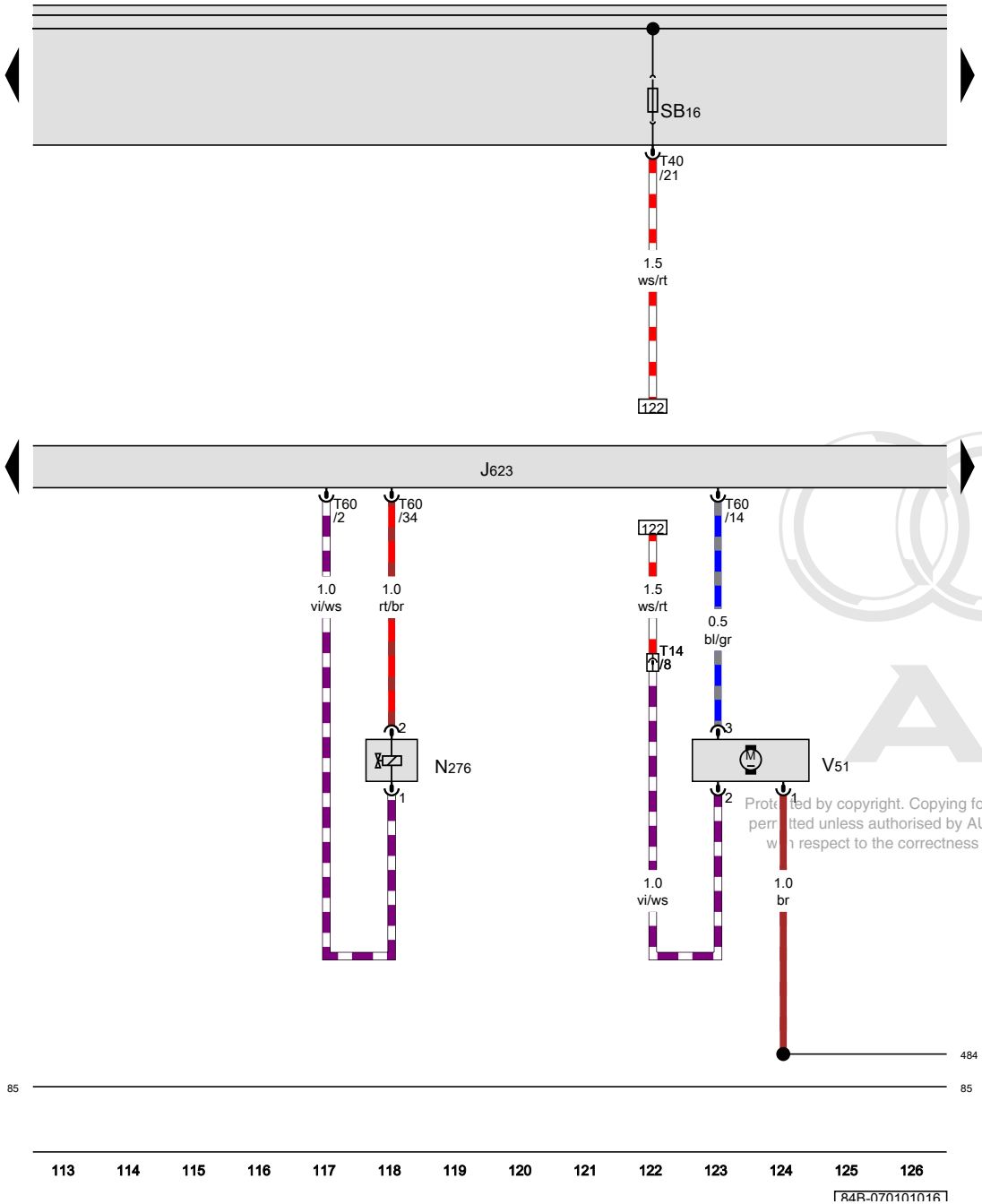


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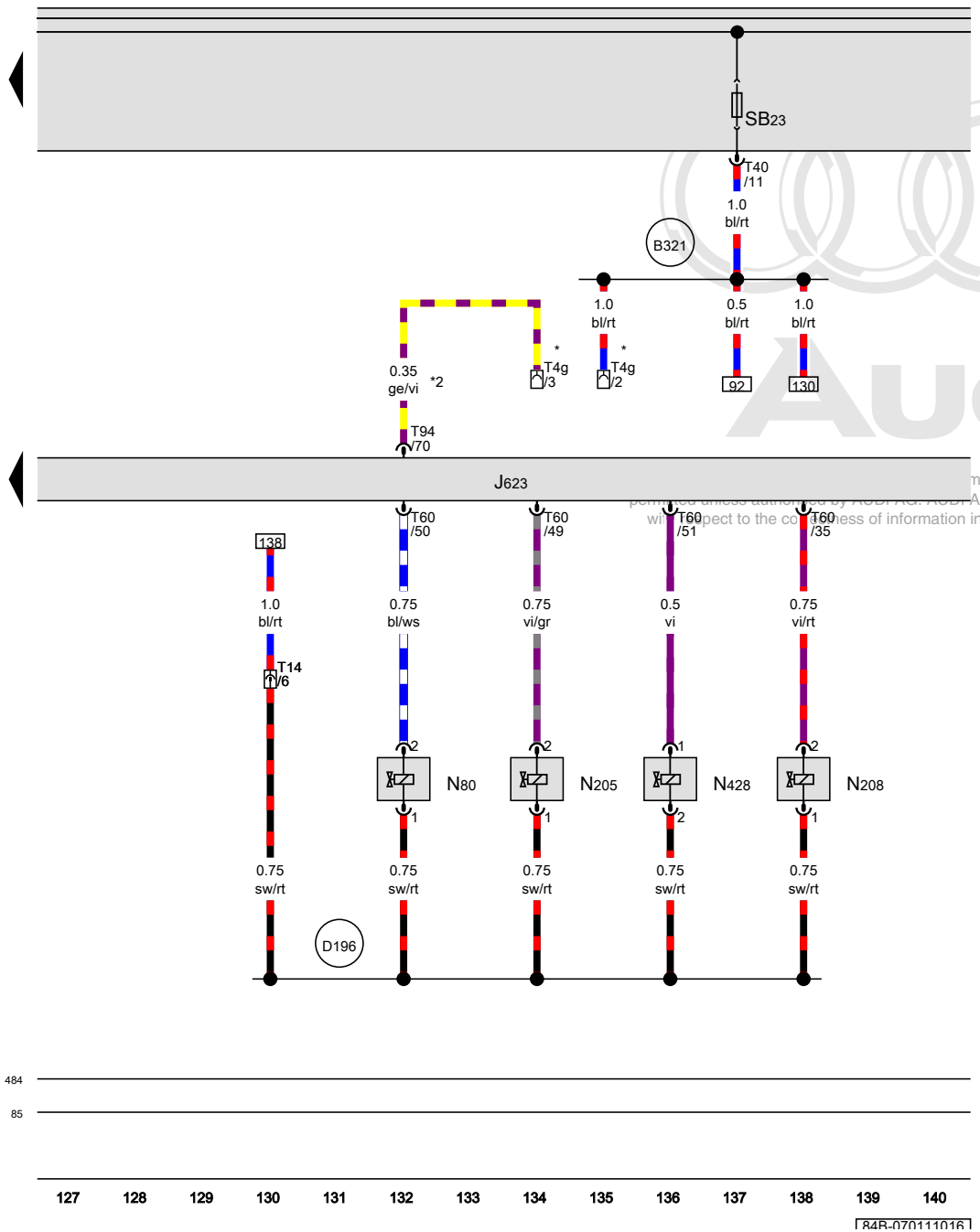
Engine control unit, Fuel pressure regulating valve, Continued coolant circulation pump

J623	Engine control unit
N276	Fuel pressure regulating valve
SB16	Fuse 16 on fuse holder B
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
V51	Continued coolant circulation pump
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness



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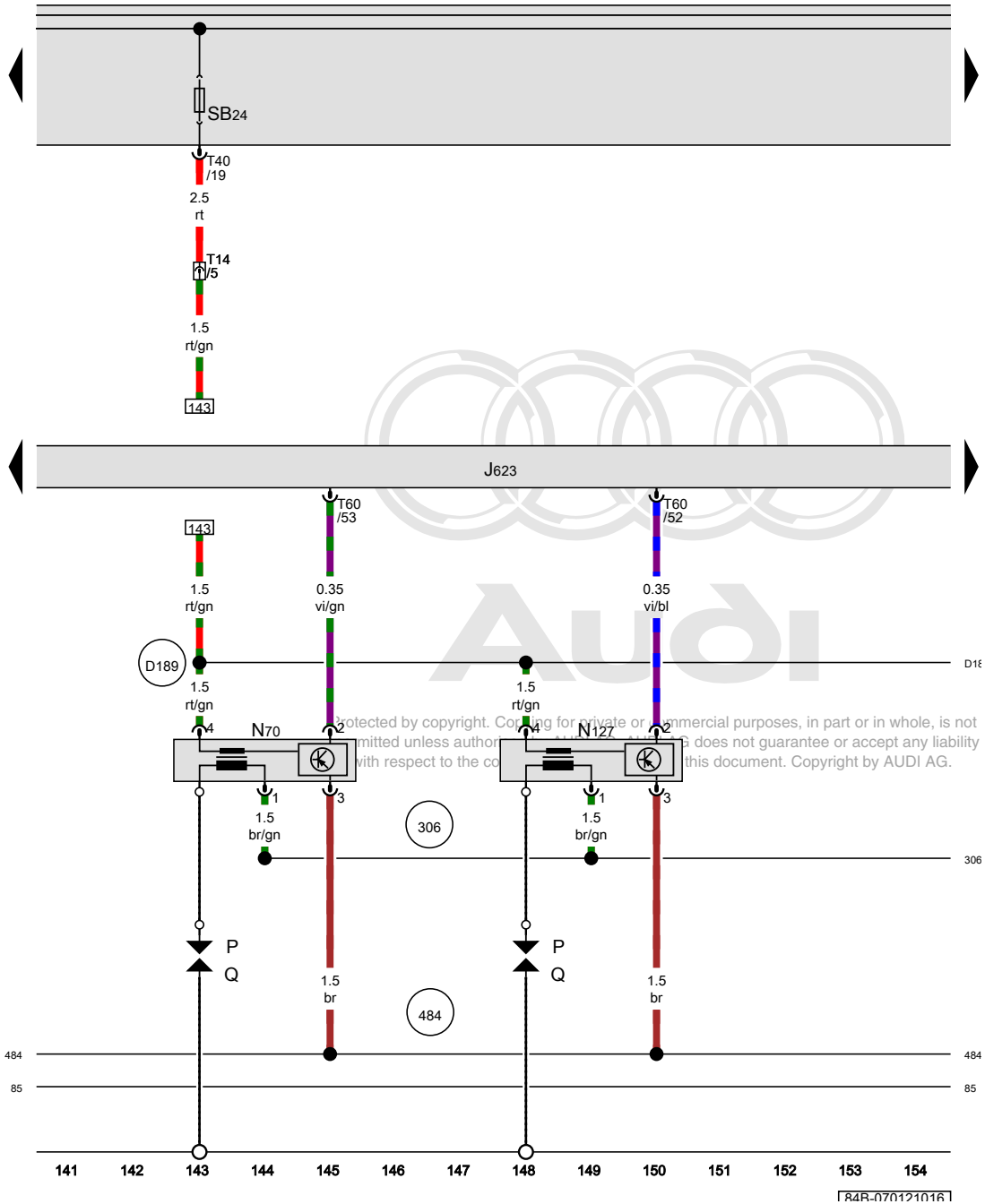


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
SB23	Fuse 23 on fuse holder B
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B321	Positive connection 7 (30a) in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction

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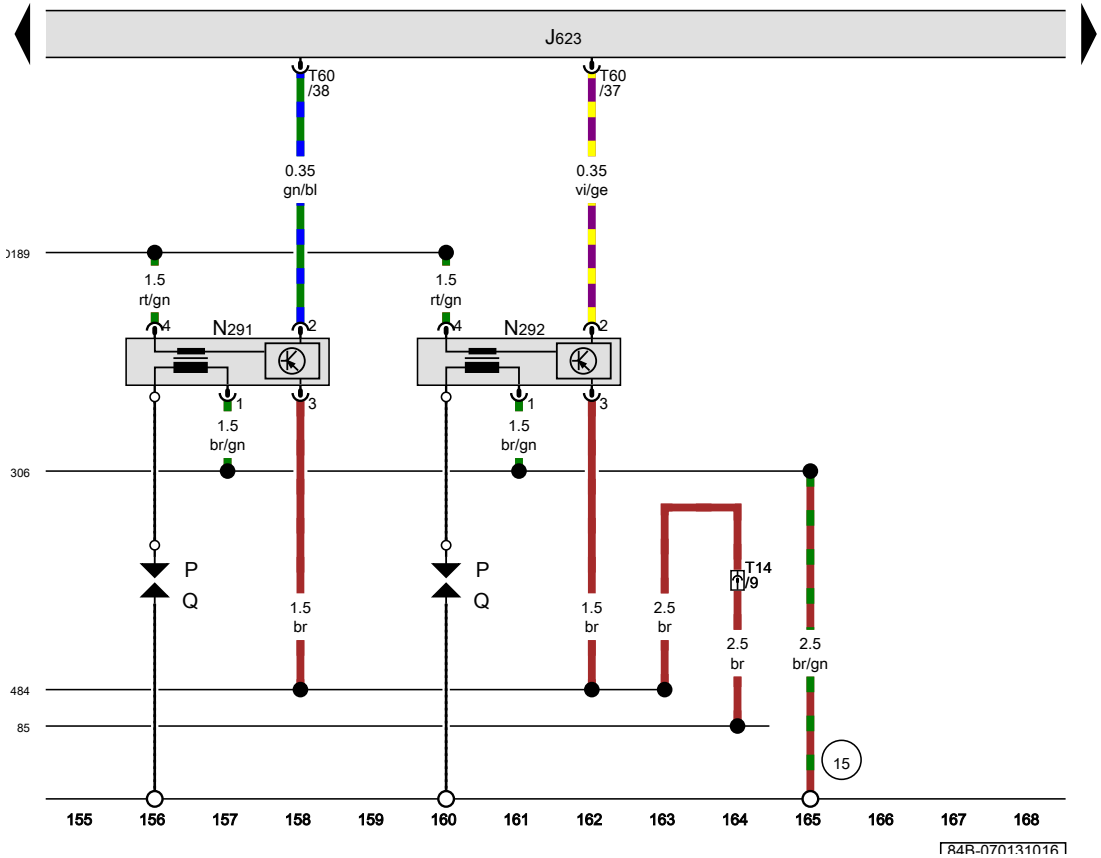
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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

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
SB24	Fuse 24 on fuse holder B
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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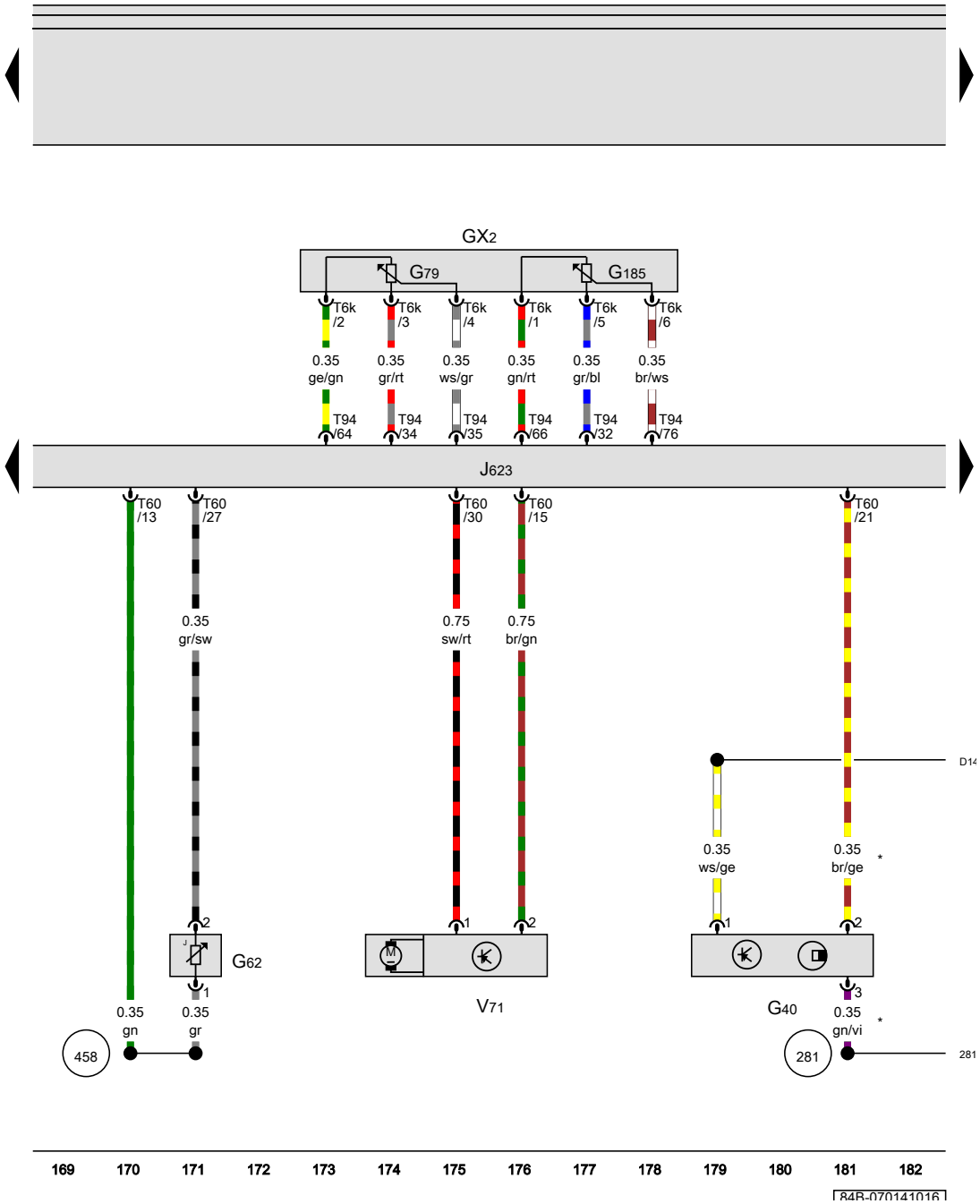
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Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness



Accelerator pedal module, Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Air flow flap control motor

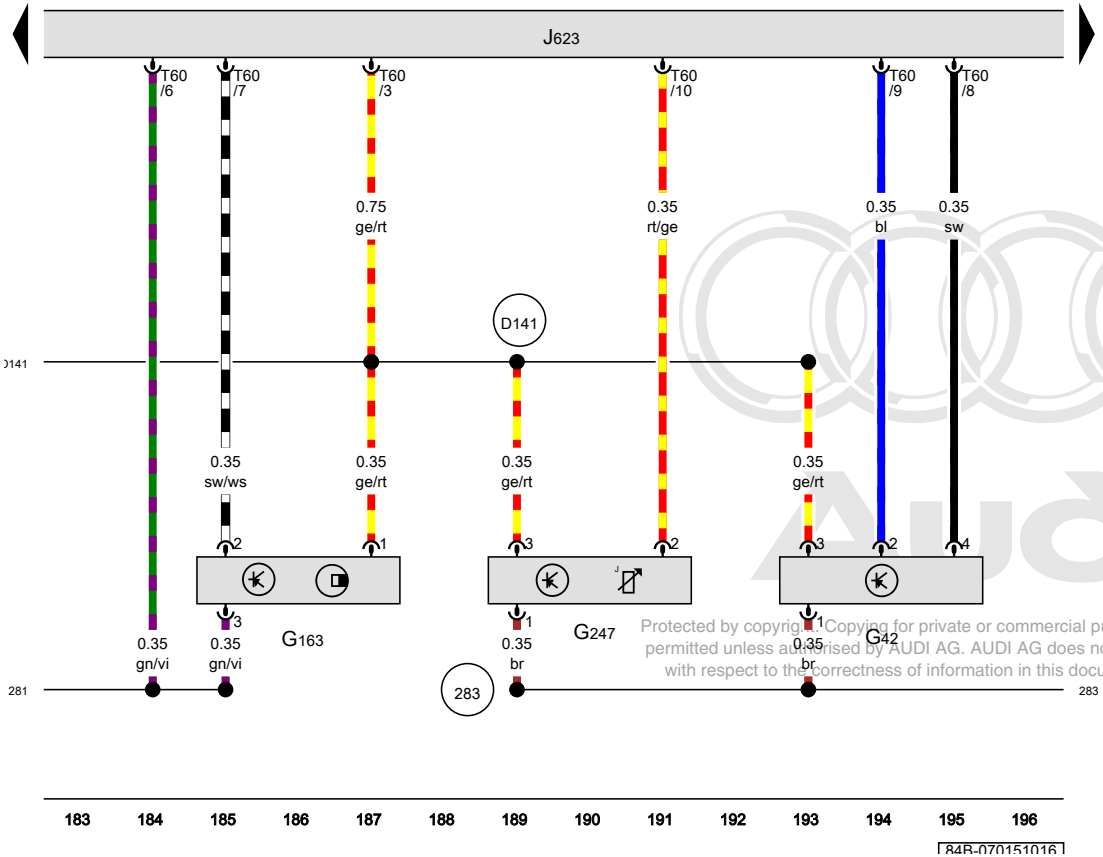
GX2	Accelerator pedal module
G40	Hall sender
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6k	6-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
281	Earth point 1, engine prewiring harness
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment

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Intake air temperature sender, Hall sender 2, Fuel pressure sender, Engine control unit

G42	Intake air temperature sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

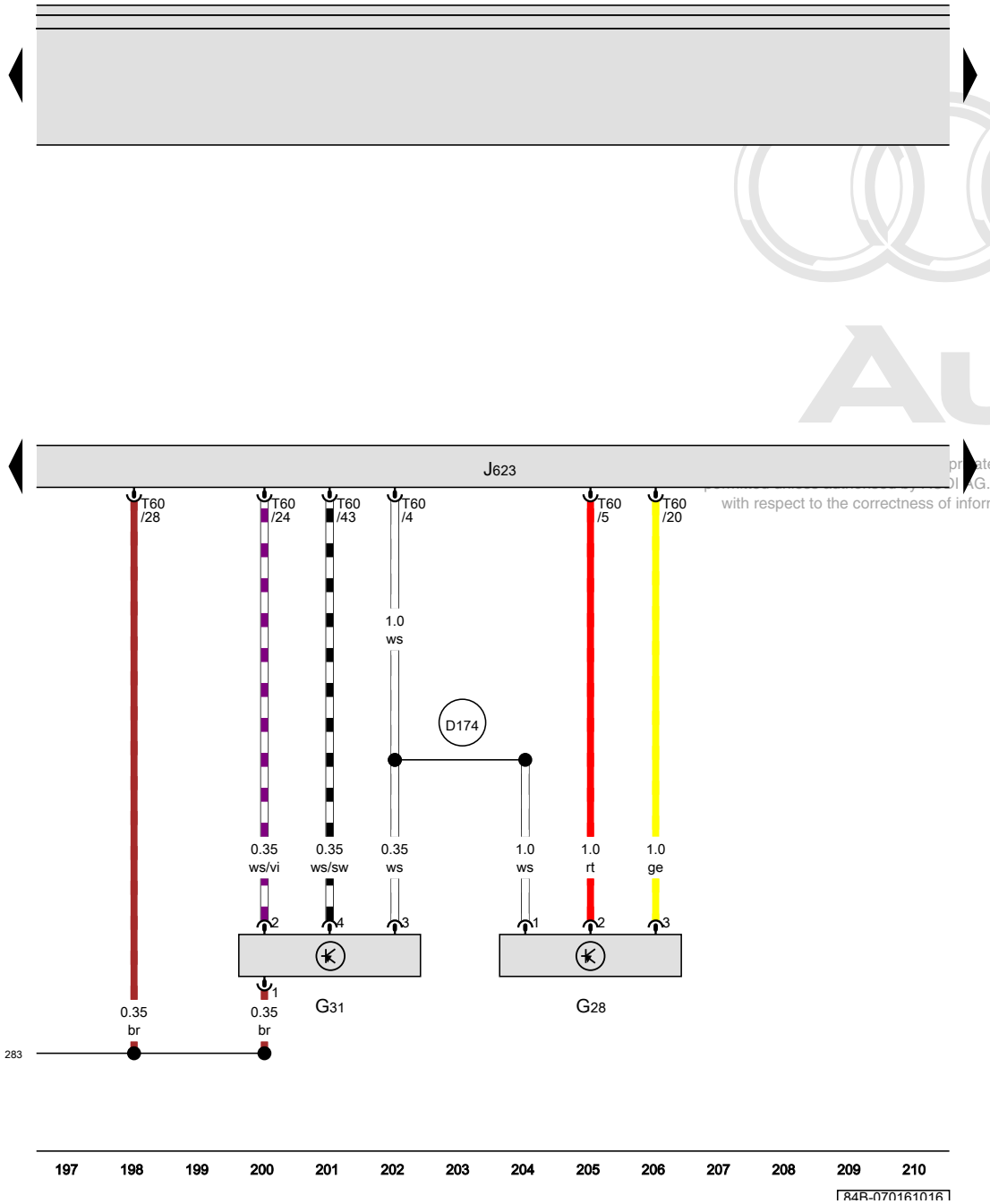


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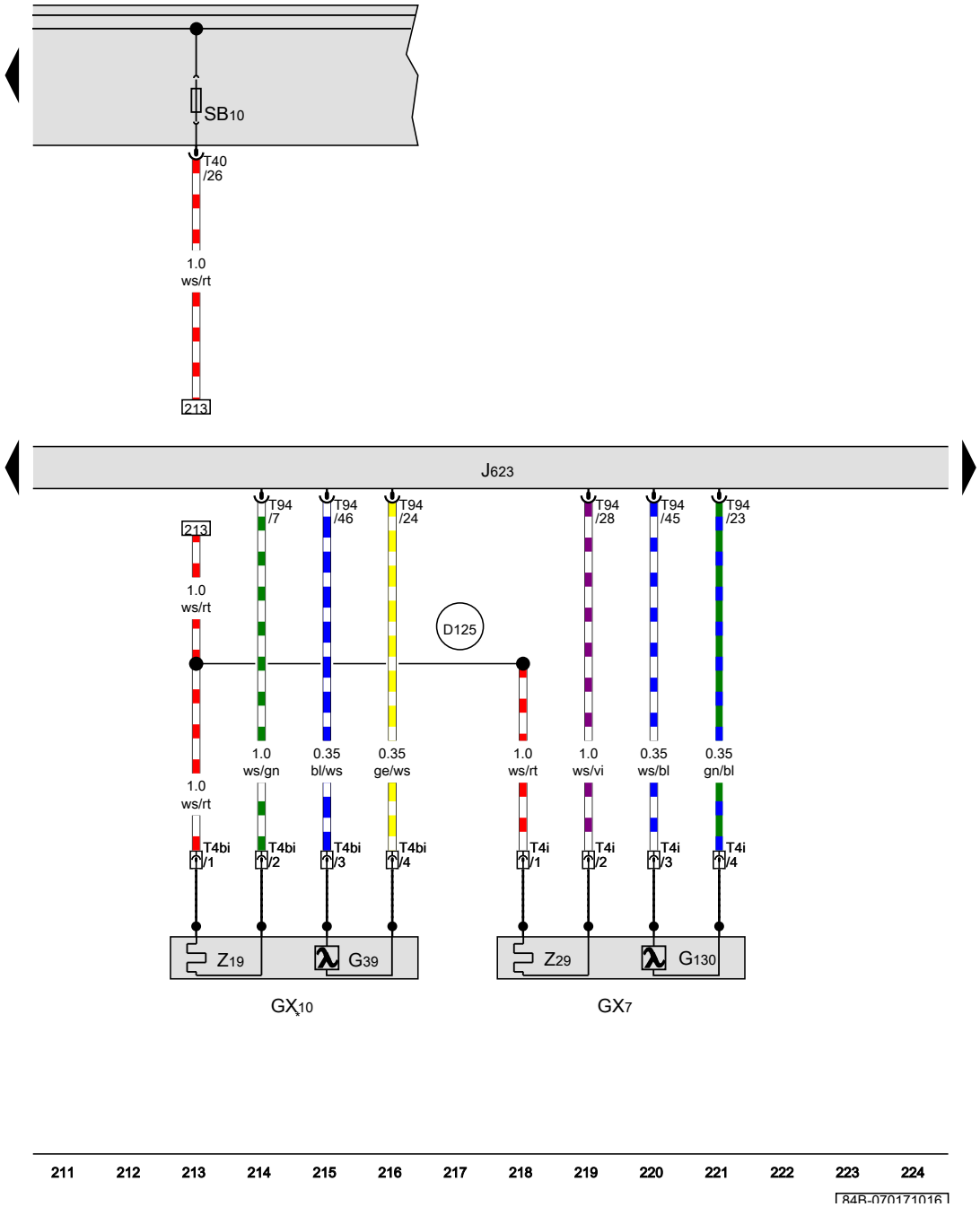
Engine speed sender, Charge pressure sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
J623	Engine control unit
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness



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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

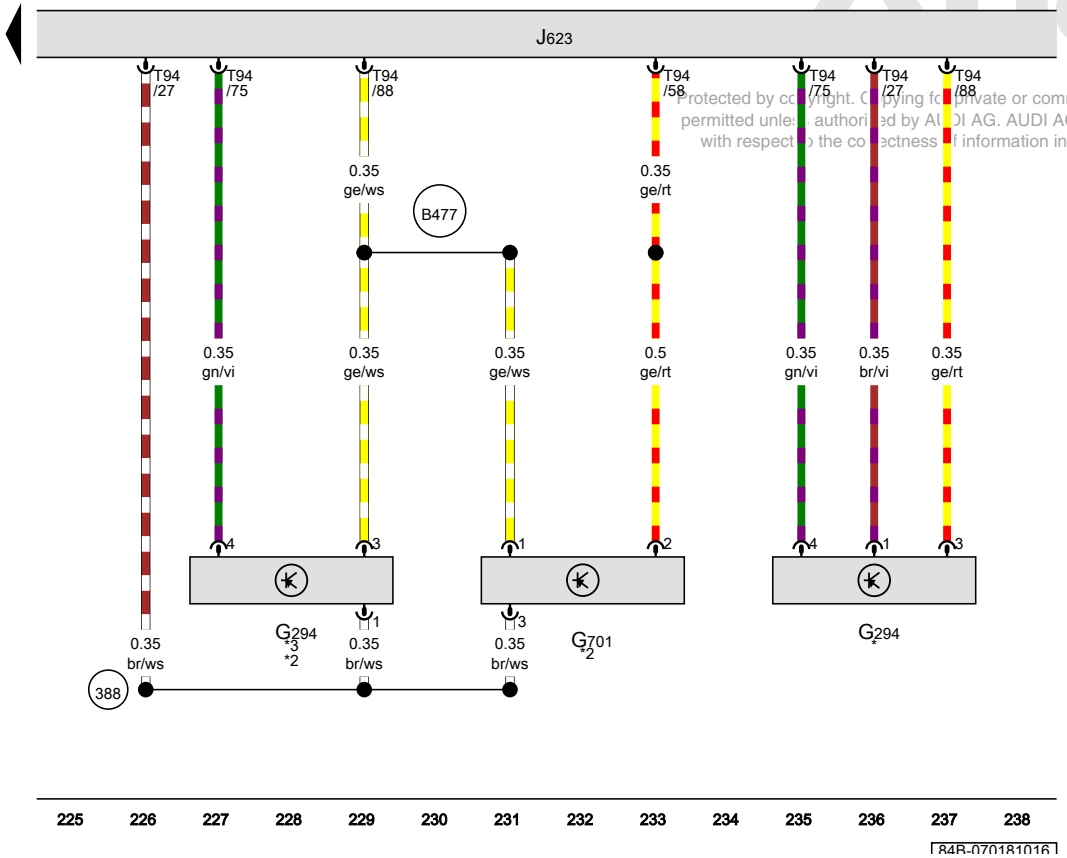
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
T4bi	4-pin connector
T4i	4-pin connector
T40	40-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	According to equipment

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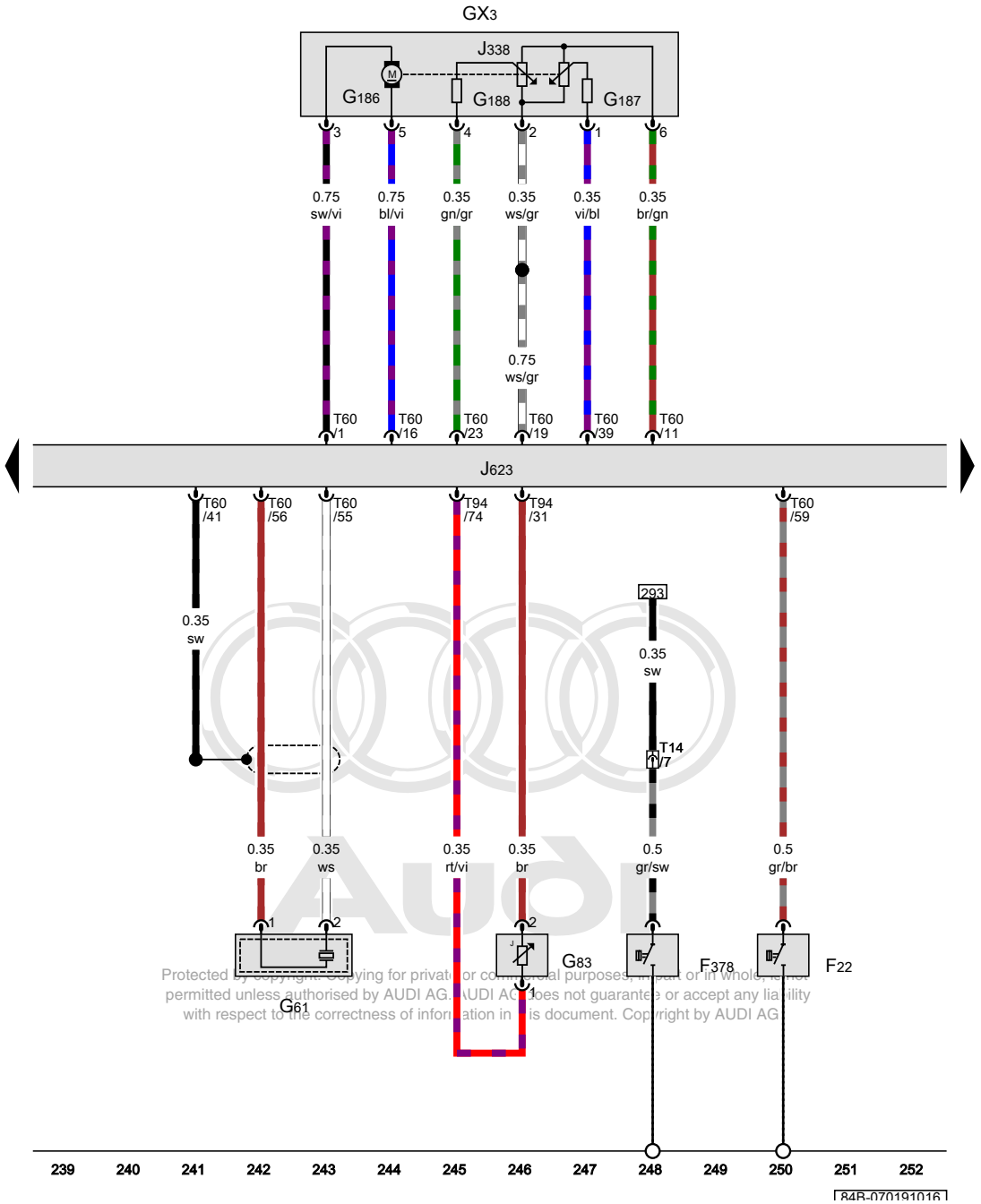
Gearbox neutral position sender, Engine control unit

G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T94	94-pin connector, black
388	Earth connection 23, in main wiring harness
B477	Connection 13, in main wiring harness
*	If fitted
*2	Only models with manual gearbox
*3	Only models with brake servo pressure sensor



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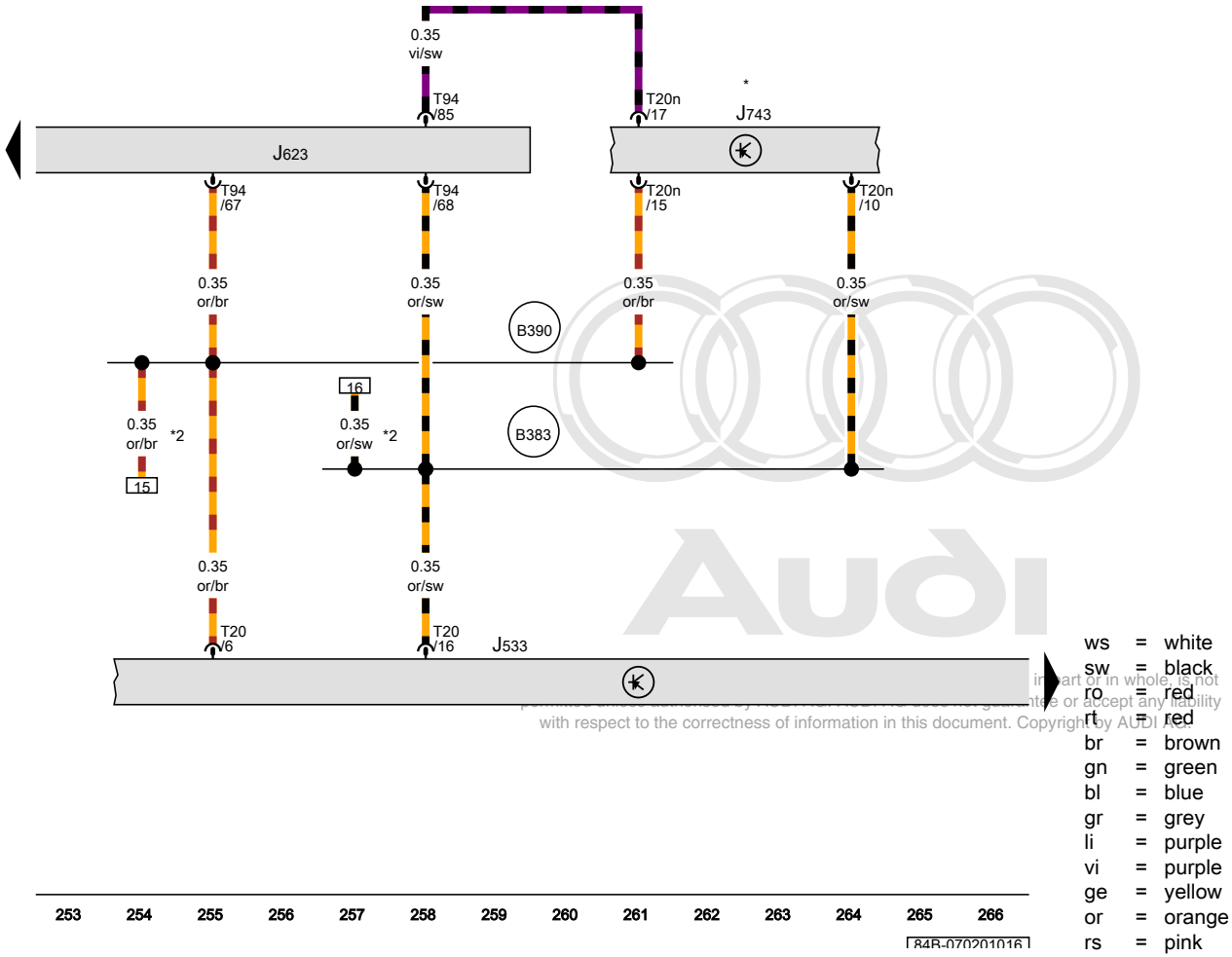
Oil pressure switch, Oil pressure switch for reduced oil pressure, Throttle valve module, Knock sensor 1, Radiator outlet coolant temperature sender, Throttle valve module, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX3	Throttle valve module
G61	Knock sensor 1
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black

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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
T20	20-pin connector, red
T20n	20-pin connector, black
T94	94-pin connector, black
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 dual clutch gearbox
*2	Only left-hand drive models

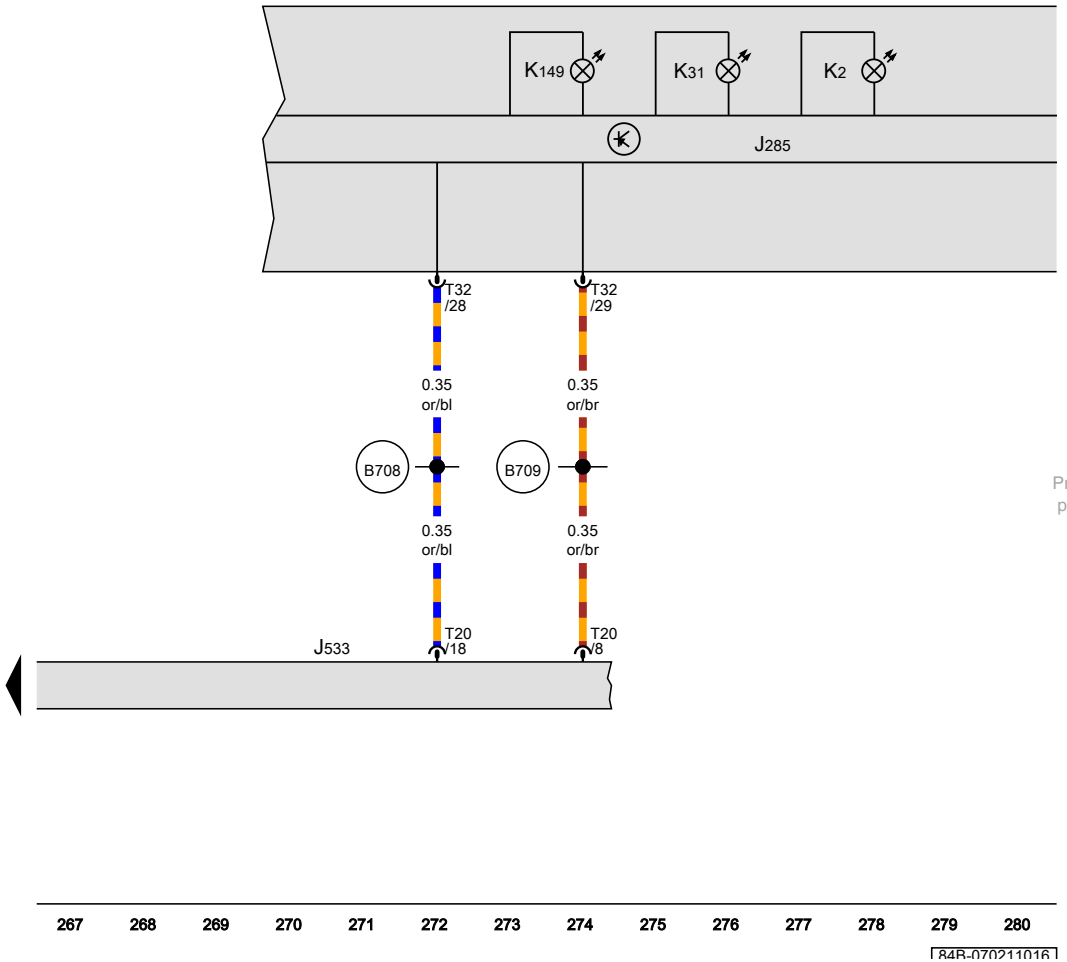


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

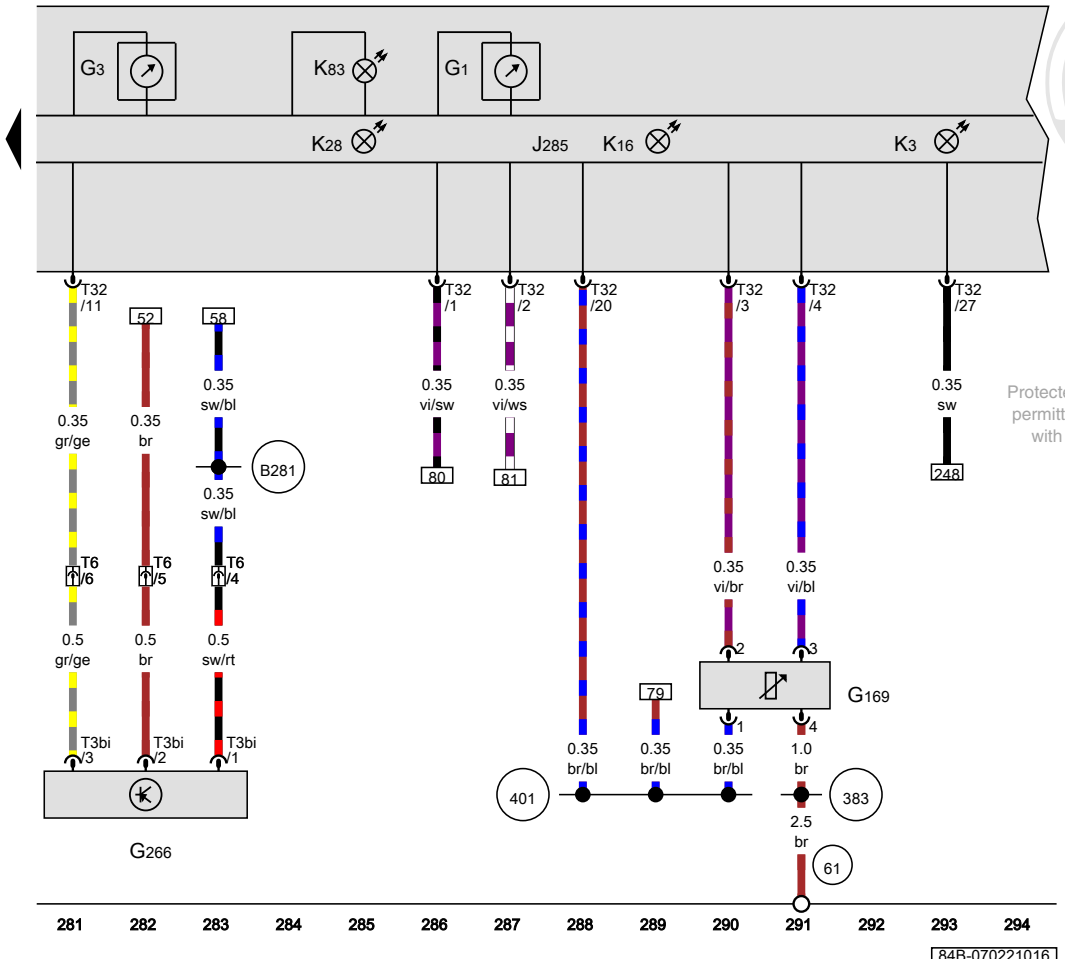


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Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T3bi	3-pin connector, black
T6	6-pin connector, near front left longitudinal member
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



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sw	=	black
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rt	=	red
br	=	brown
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rs	=	pink

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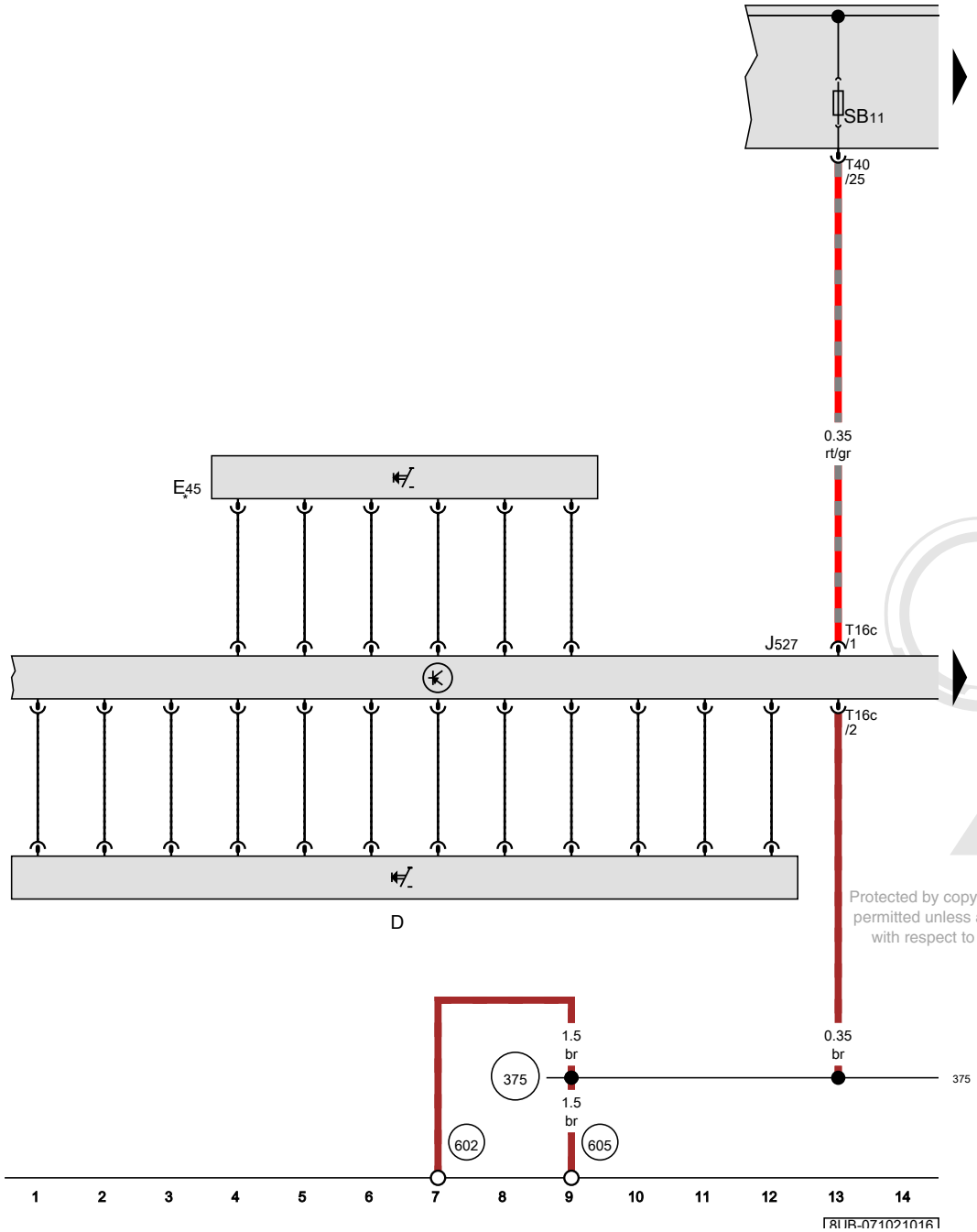
1.4l petrol engine , CHPB,CZDA

From November 2013

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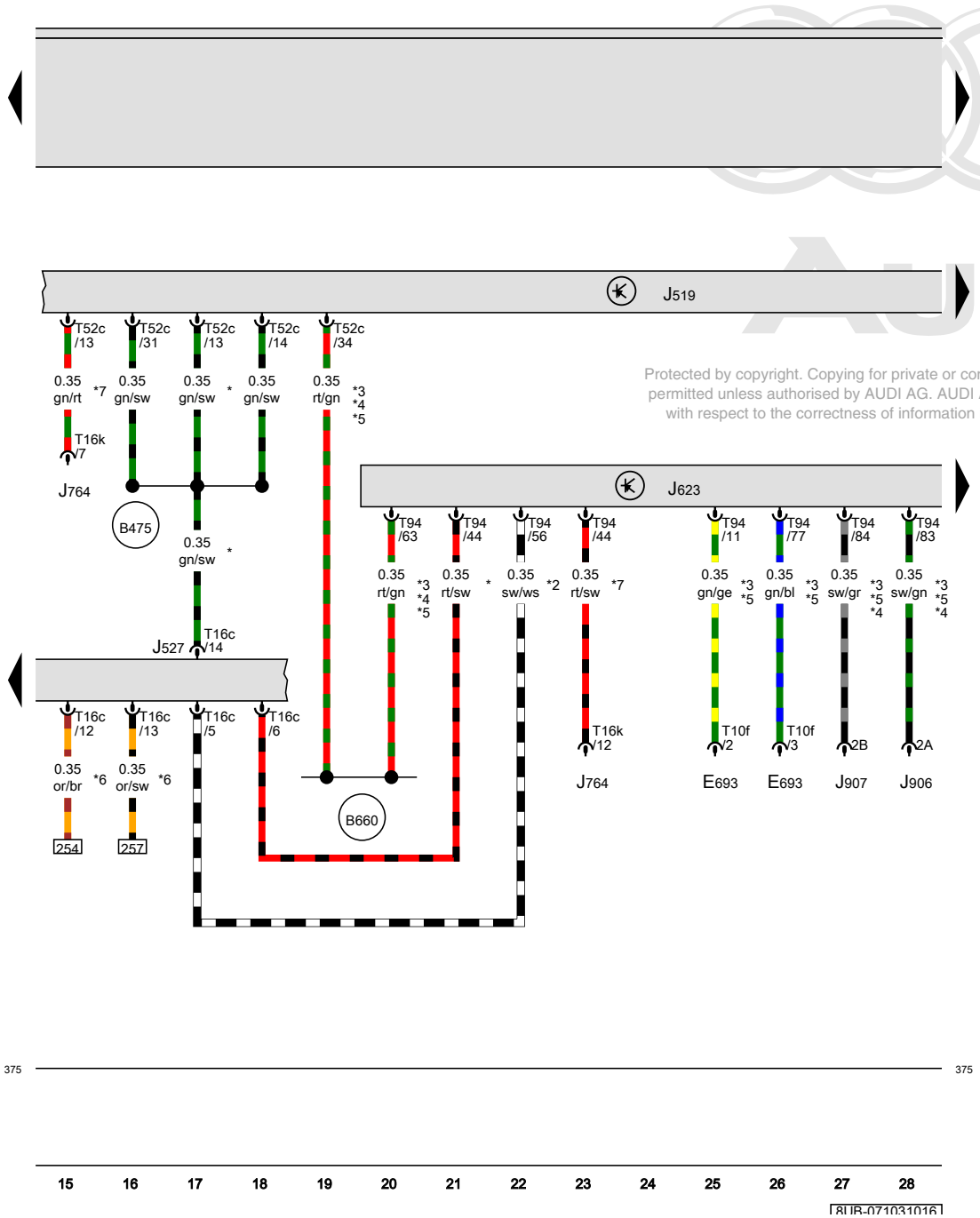
Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only 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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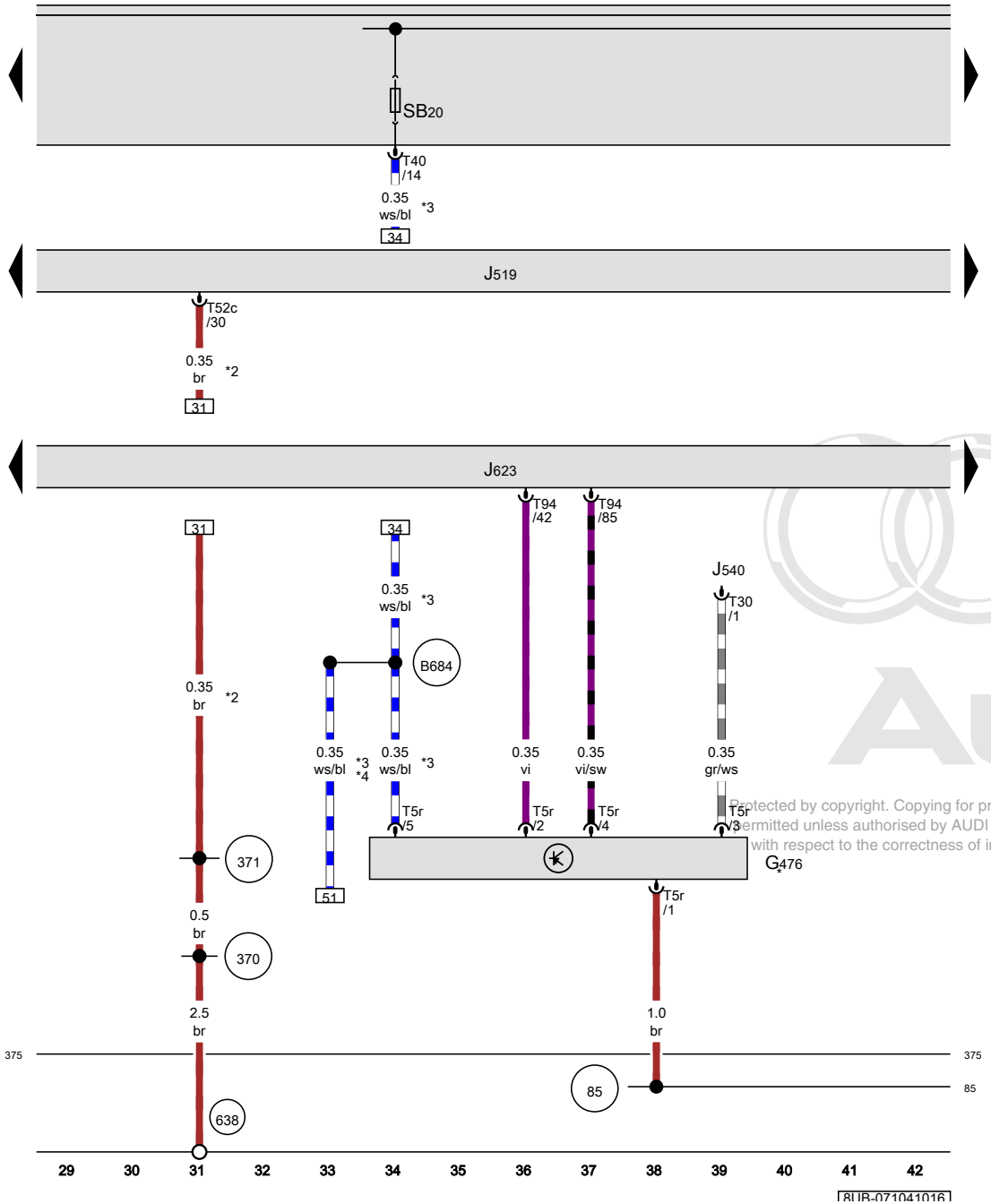


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Onboard supply control unit, Steering column electronics control unit, Engine control unit

E693	Start/Stop operation button
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T10f	10-pin connector
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only left-hand drive models
*7	Only models with entry and start authorisation

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

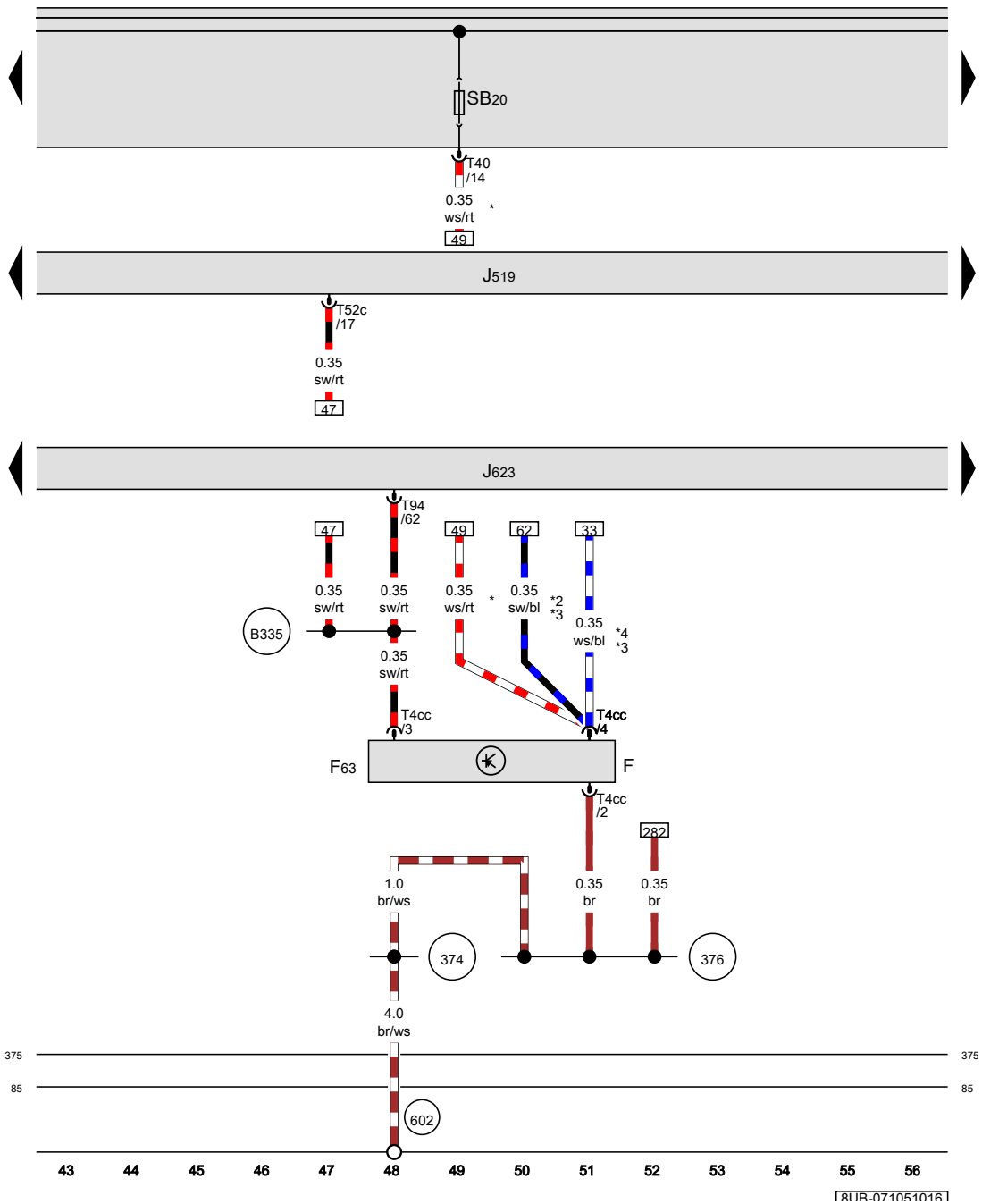


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T5r	5-pin connector, black
T30	30-pin connector
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B684	Positive connection 24 (30a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Wiring colour depends on equipment
*4	Up to April 2015

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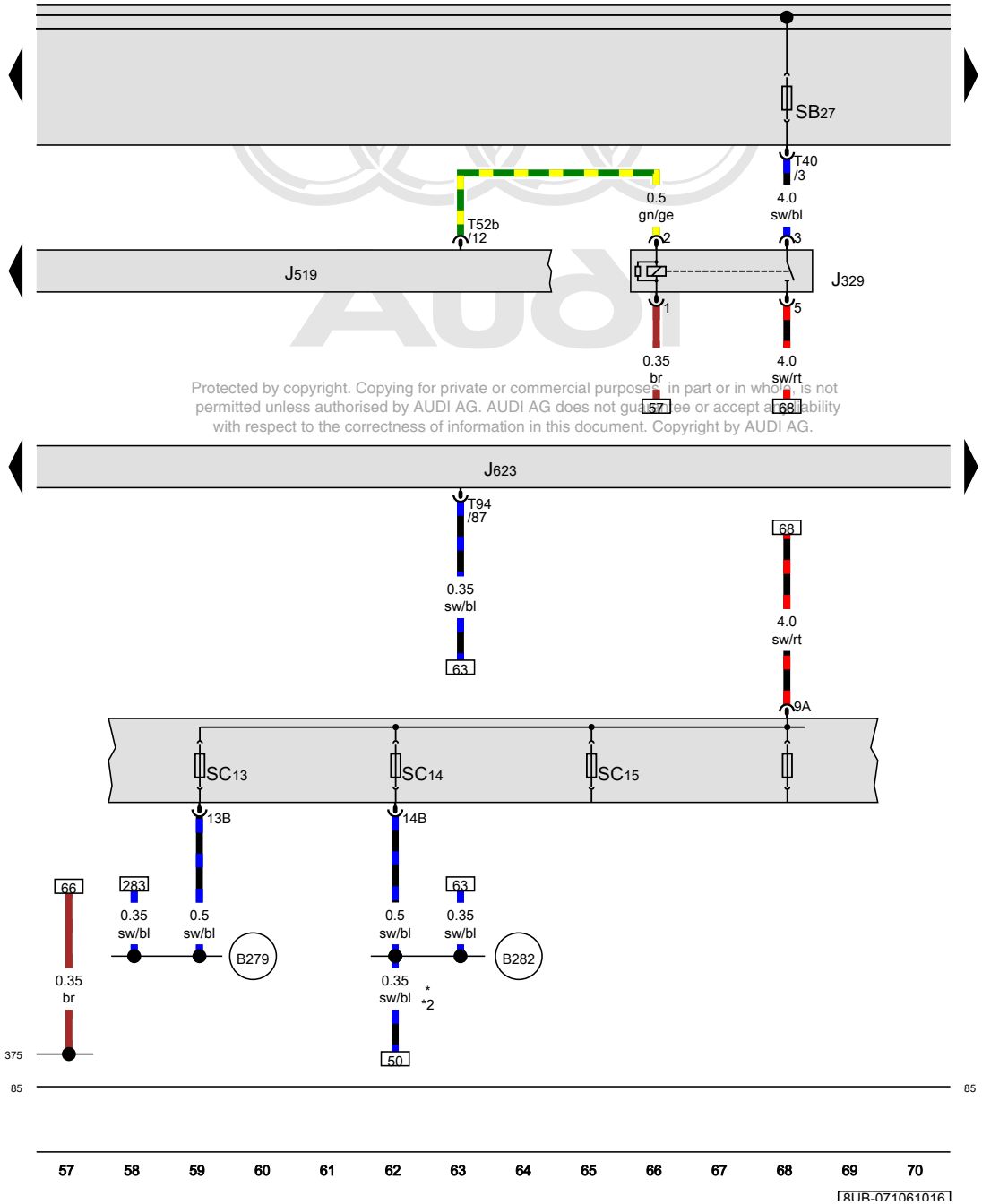


Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
J623	Engine control unit
SB20	Fuse 20 on fuse holder B
T4cc	4-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	From May 2015
*2	Only right-hand drive models
*3	Up to April 2015
*4	Wiring colour depends on equipment

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rt	=	red
br	=	brown
gn	=	green
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or	=	orange
rs	=	pink

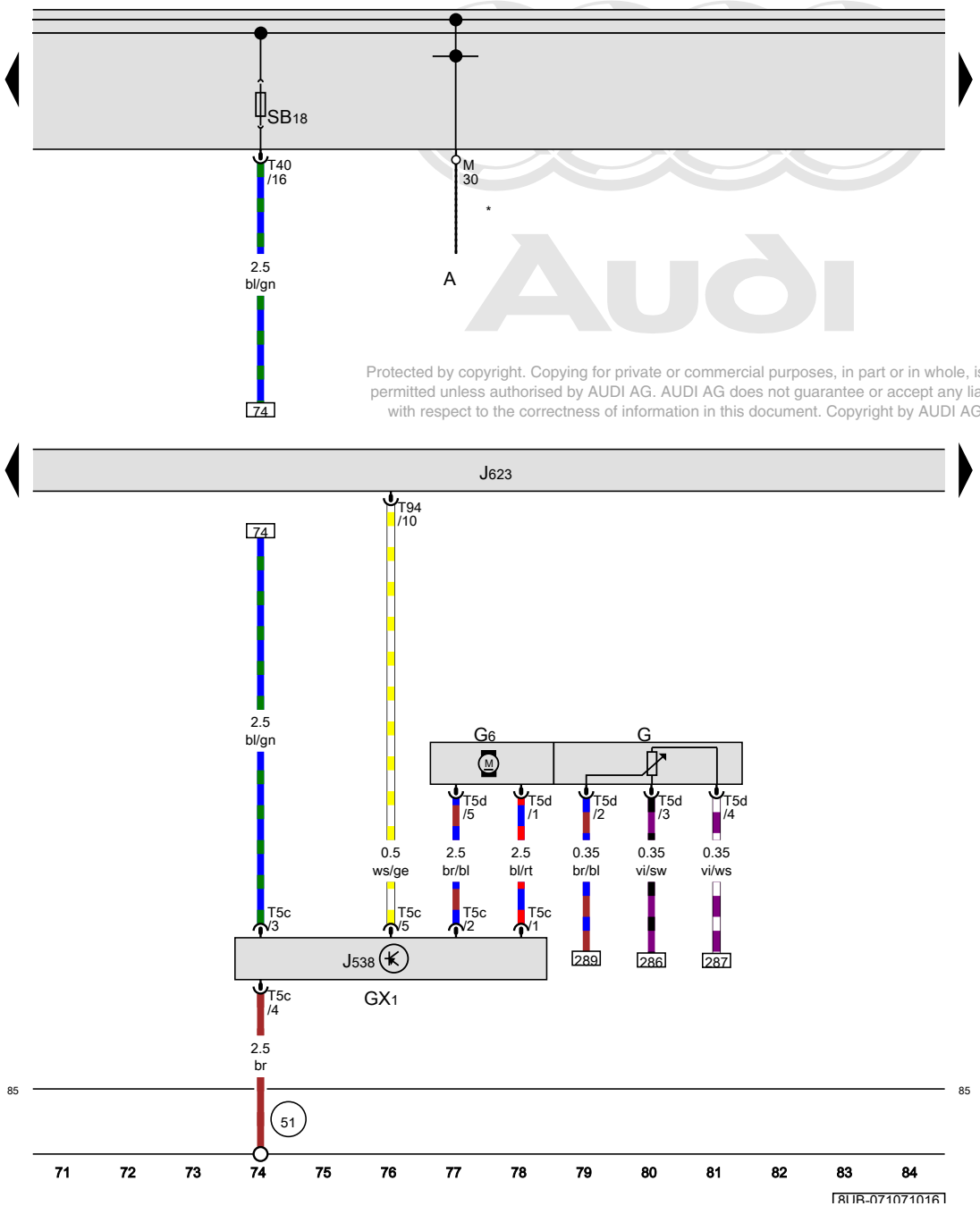


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Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SB27	Fuse 27 on fuse holder B
T40	40-pin connector, black
T52b	52-pin connector, colourless
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
375	Earth connection 10, in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	Only right-hand drive models
*2	Up to April 2015

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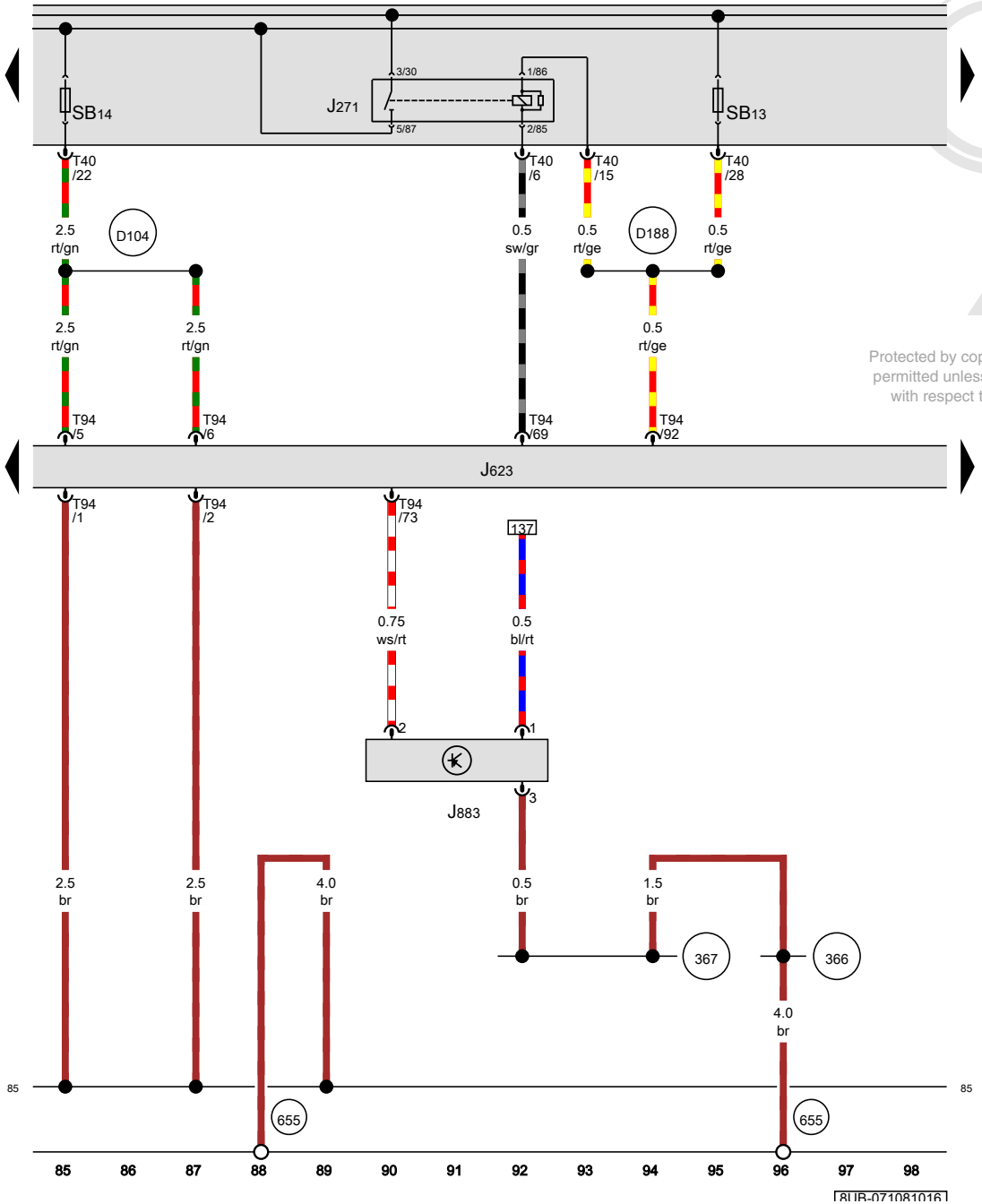


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

A	Battery
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB18	Fuse 18 on fuse holder B
T5c	5-pin connector
T5d	5-pin connector
T40	40-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment

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

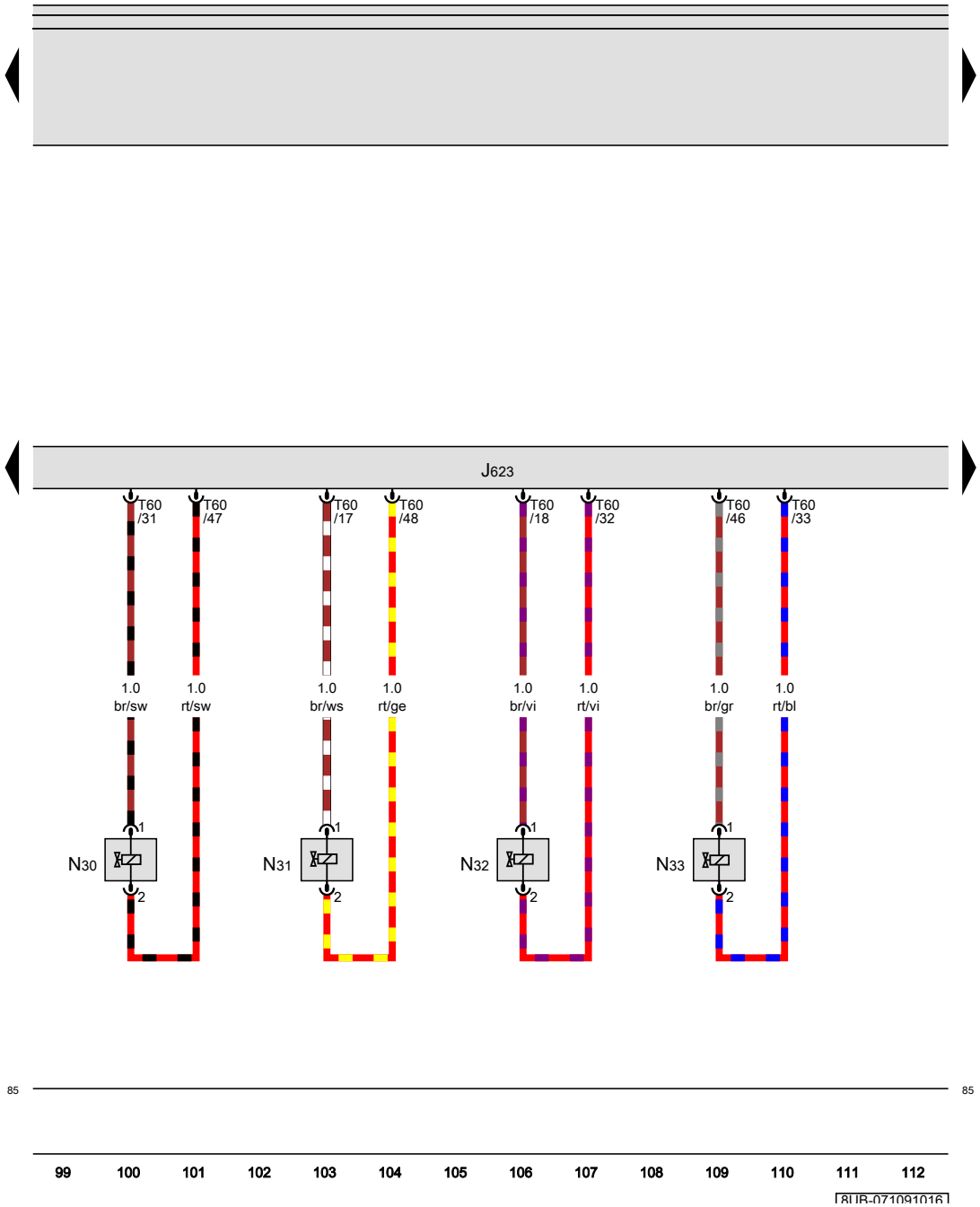


Main relay, Engine control unit

J271	Main relay
J623	Engine control unit
J883	Exhaust flap control unit
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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ro	=	red
rt	=	red
br	=	brown
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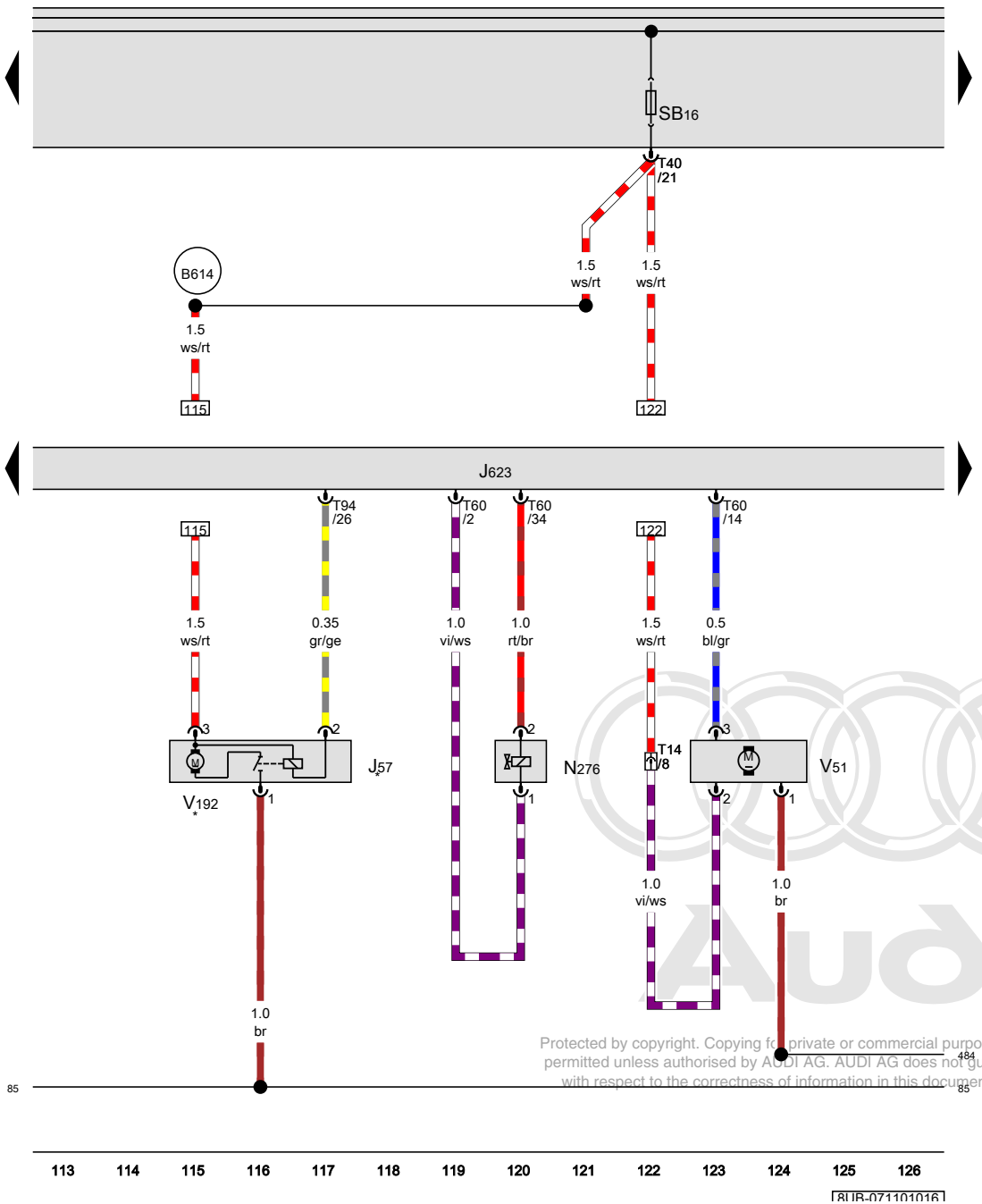


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness

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

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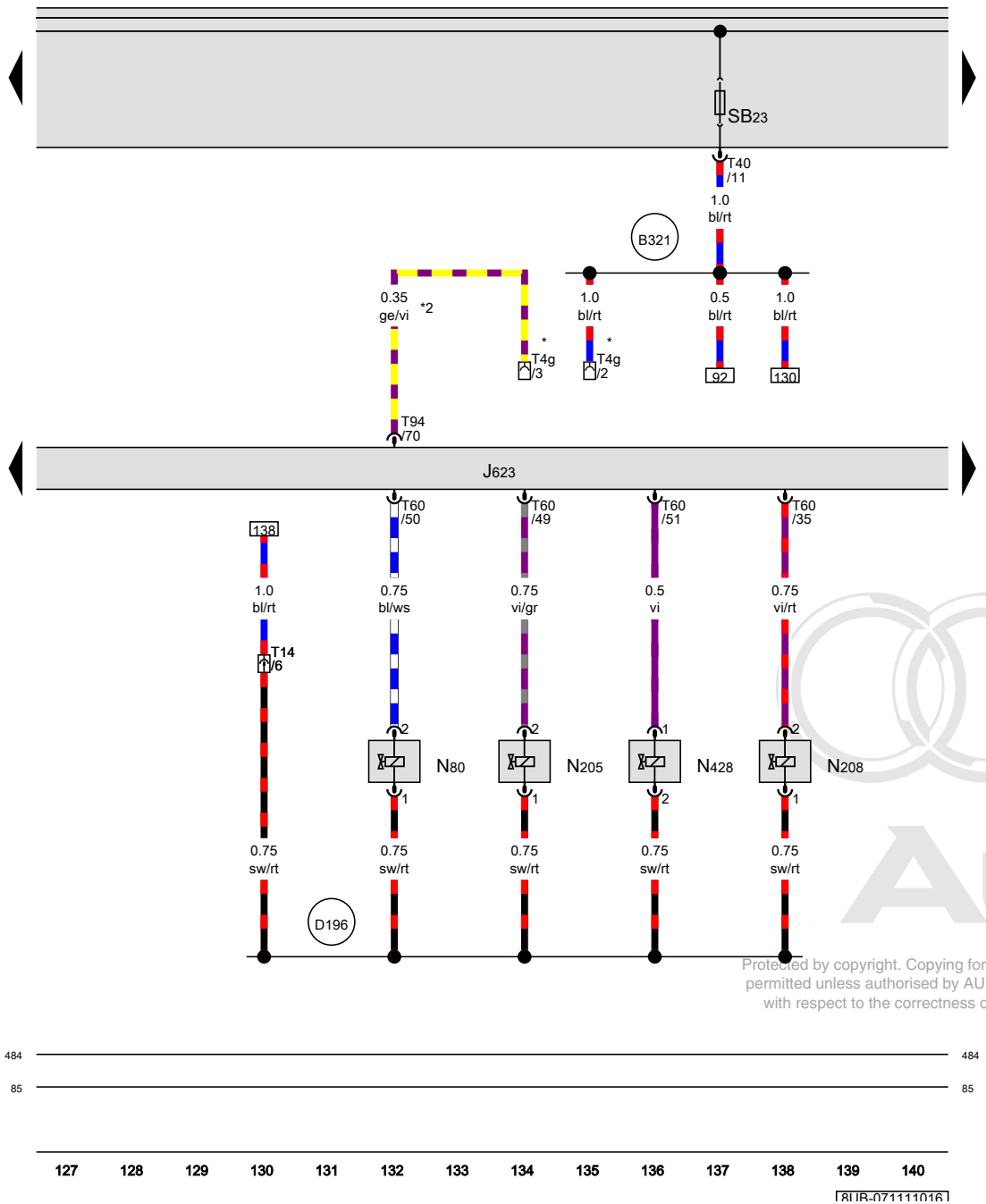


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Engine control unit, Fuel pressure regulating valve, Continued coolant circulation pump

J57	Vacuum pump relay
J623	Engine control unit
N276	Fuel pressure regulating valve
SB16	Fuse 16 on fuse holder B
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
V192	Vacuum pump for brakes
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B614	Positive connection 23 (30a) in main wiring harness
*	Only models with equipment for Japan

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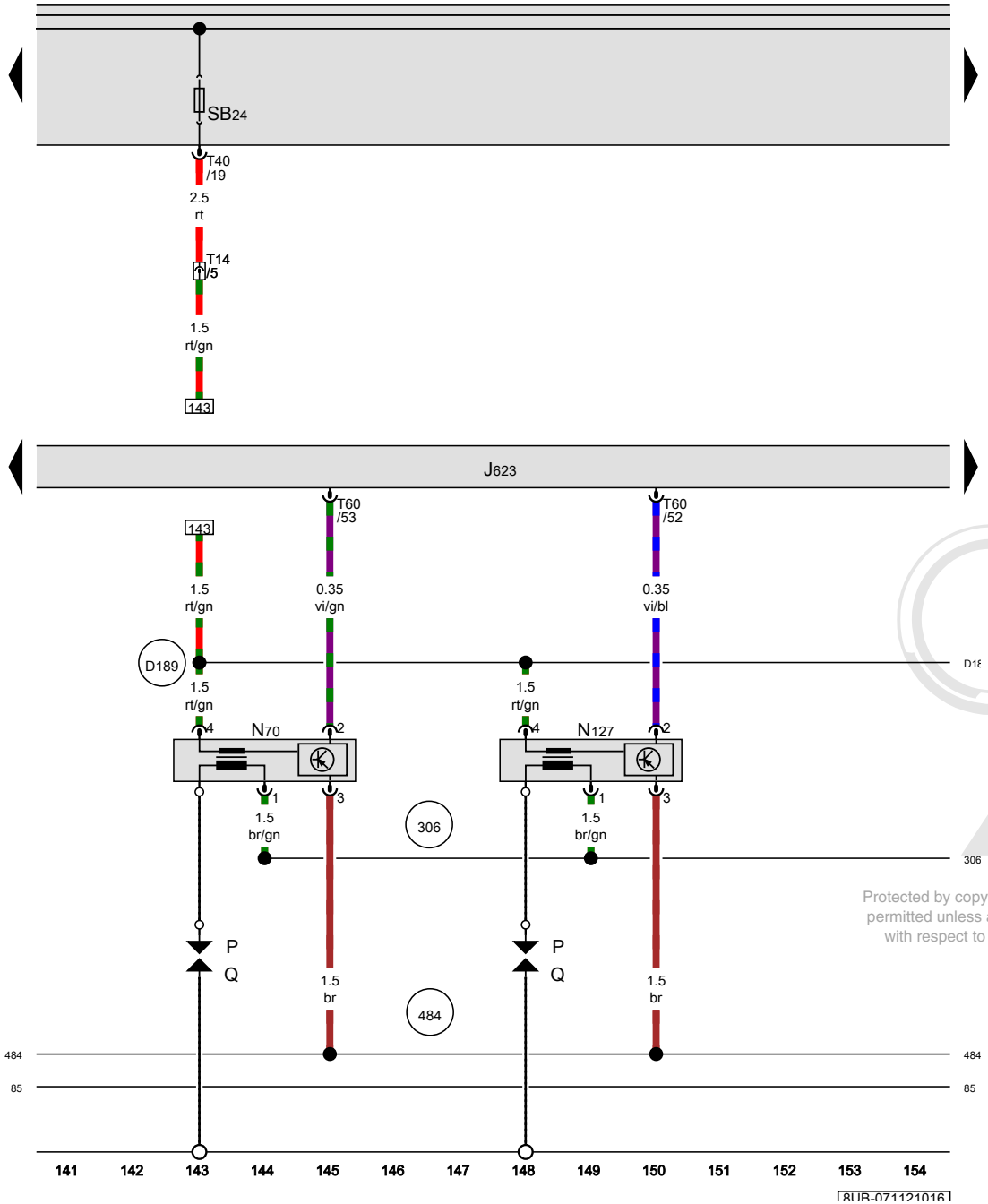


Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
SB23	Fuse 23 on fuse holder B
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B321	Positive connection 7 (30a) in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction

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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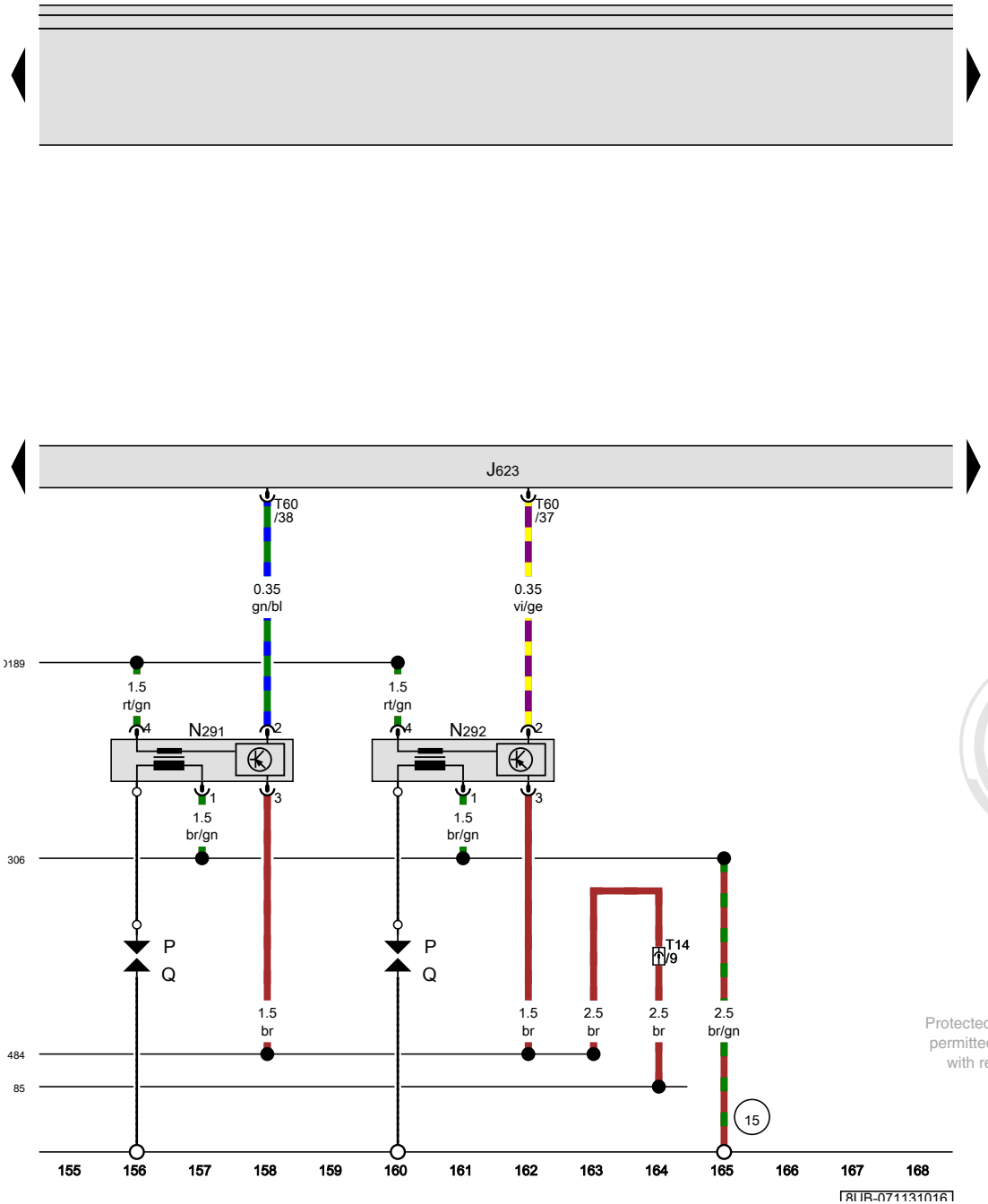


Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

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
SB24	Fuse 24 on fuse holder B
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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sw	=	black
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rt	=	red
br	=	brown
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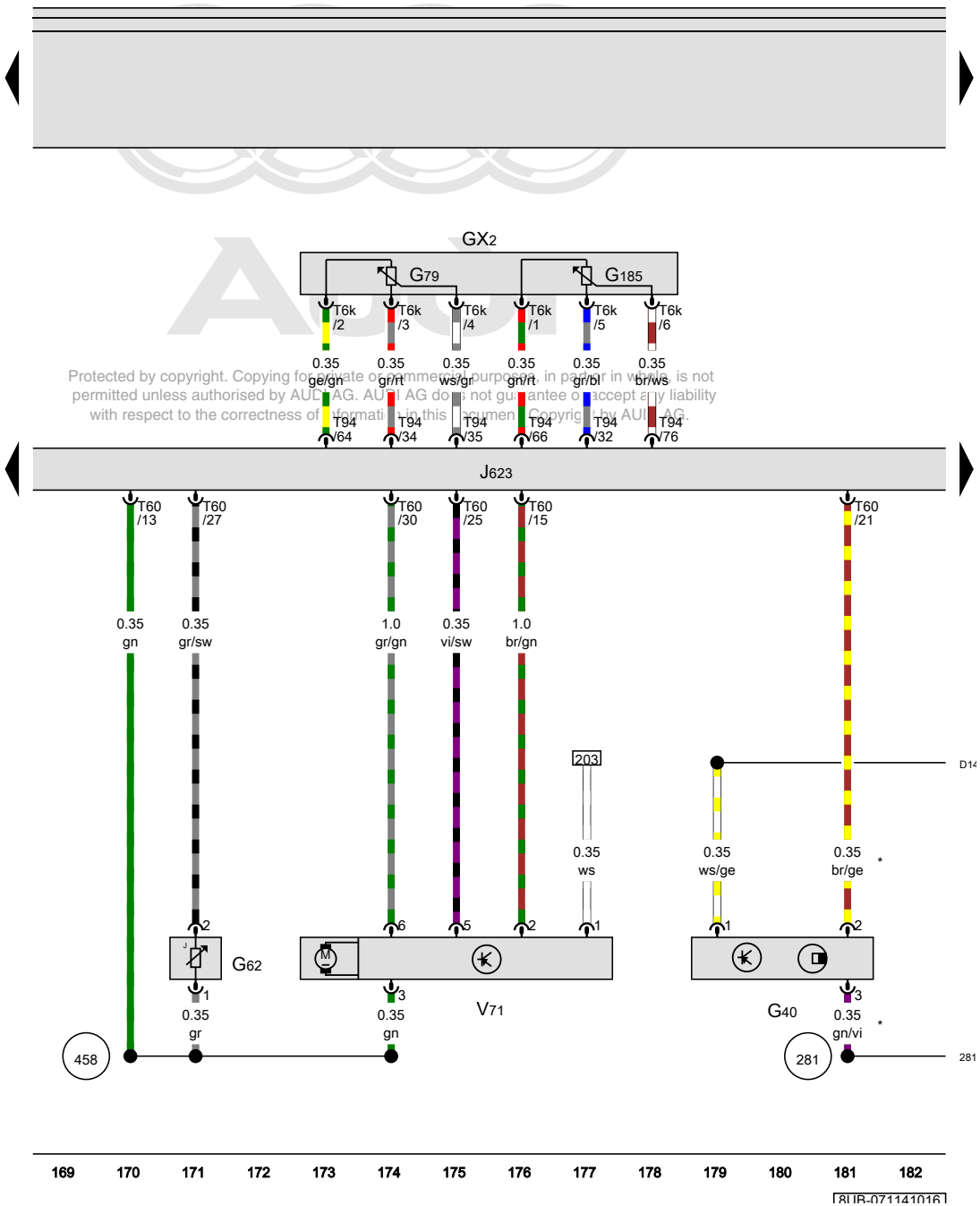


Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring 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
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Accelerator pedal module, Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Air flow flap control motor

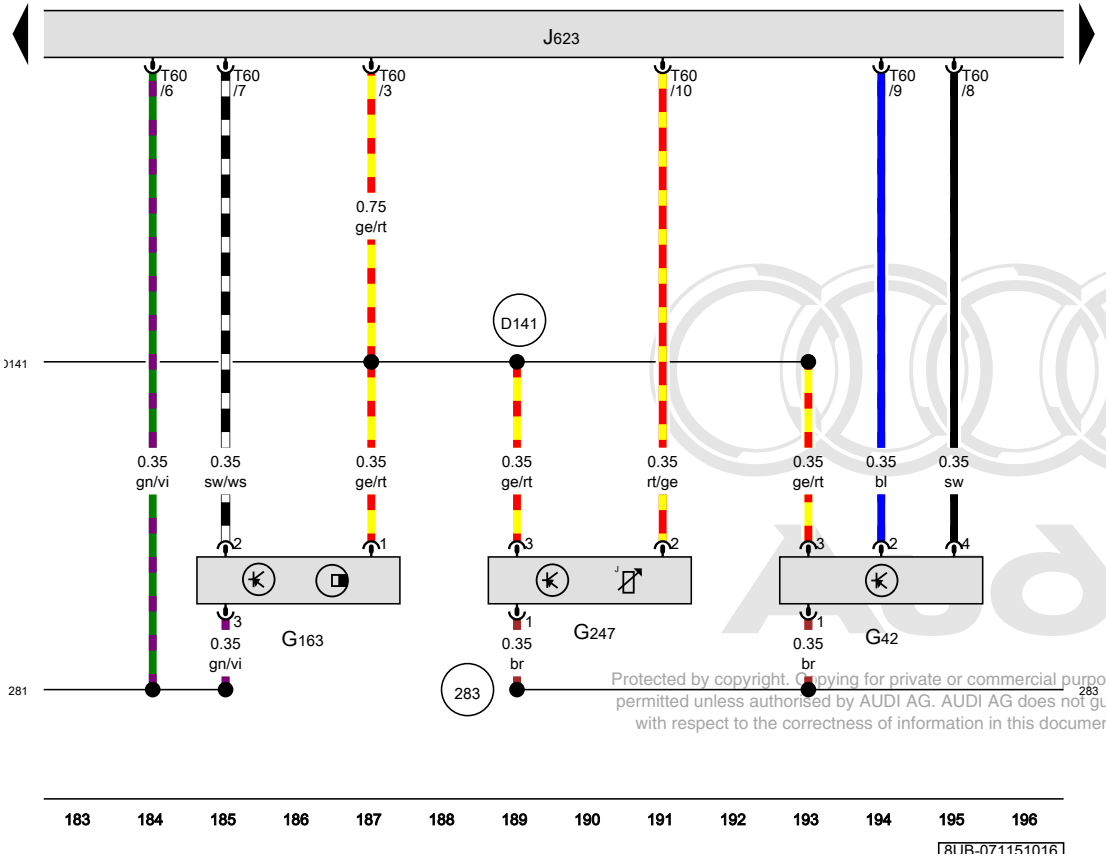
GX2	Accelerator pedal module
G40	Hall sender
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T6k	6-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
281	Earth point 1, engine prewiring harness
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
*	Wiring colour depends on equipment

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



Intake air temperature sender, Hall sender 2, Fuel pressure sender, Engine control unit

G42	Intake air temperature sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

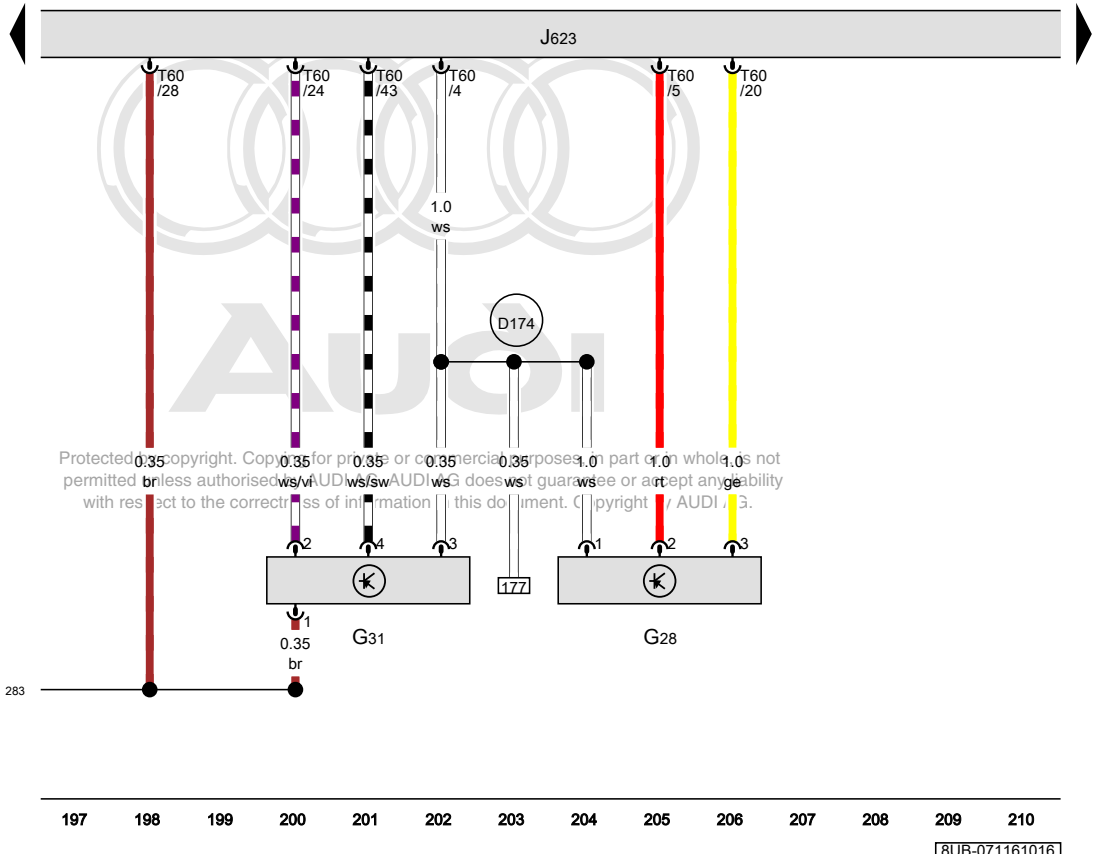


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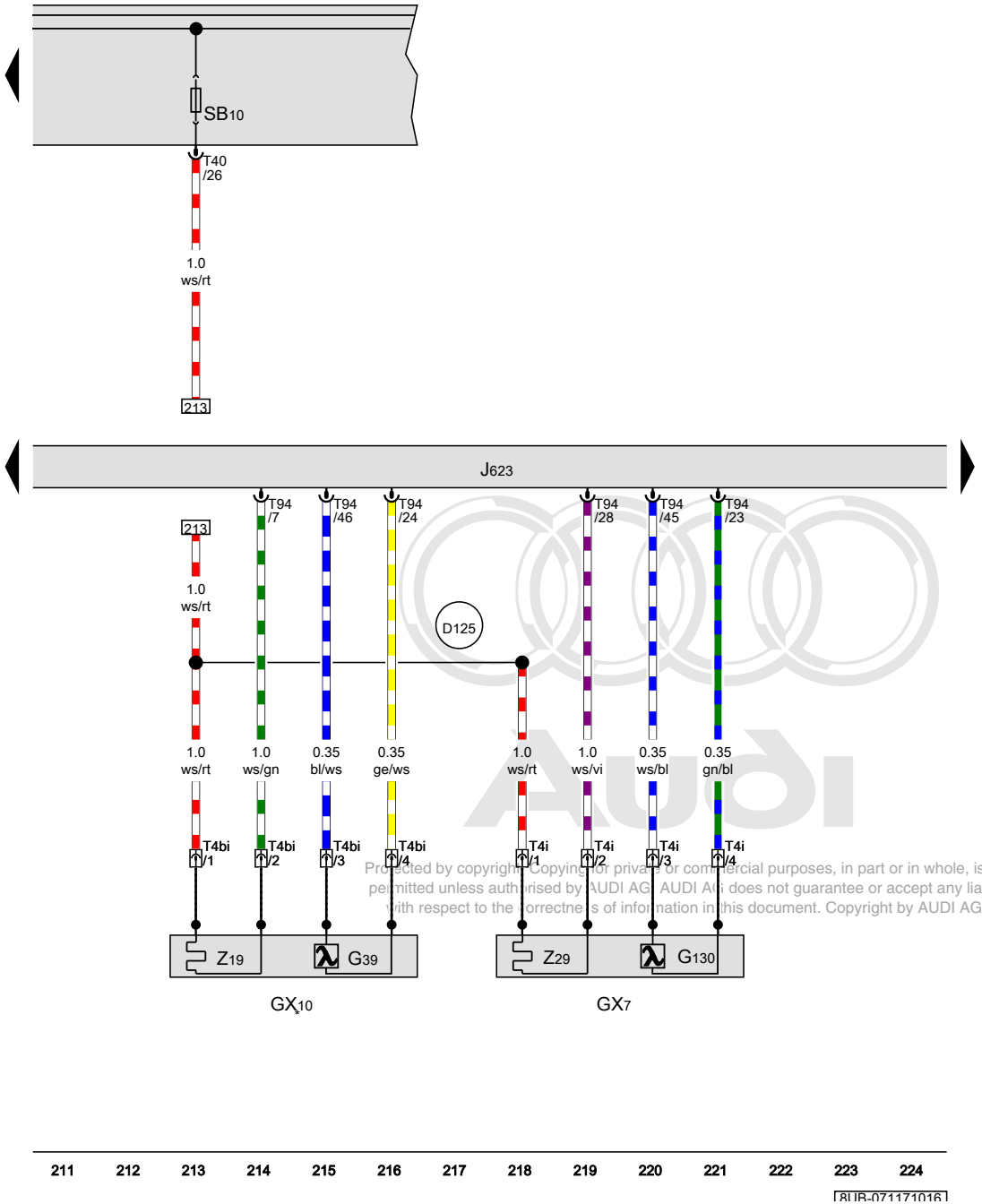
Engine speed sender, Charge pressure sender, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
J623	Engine control unit
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness



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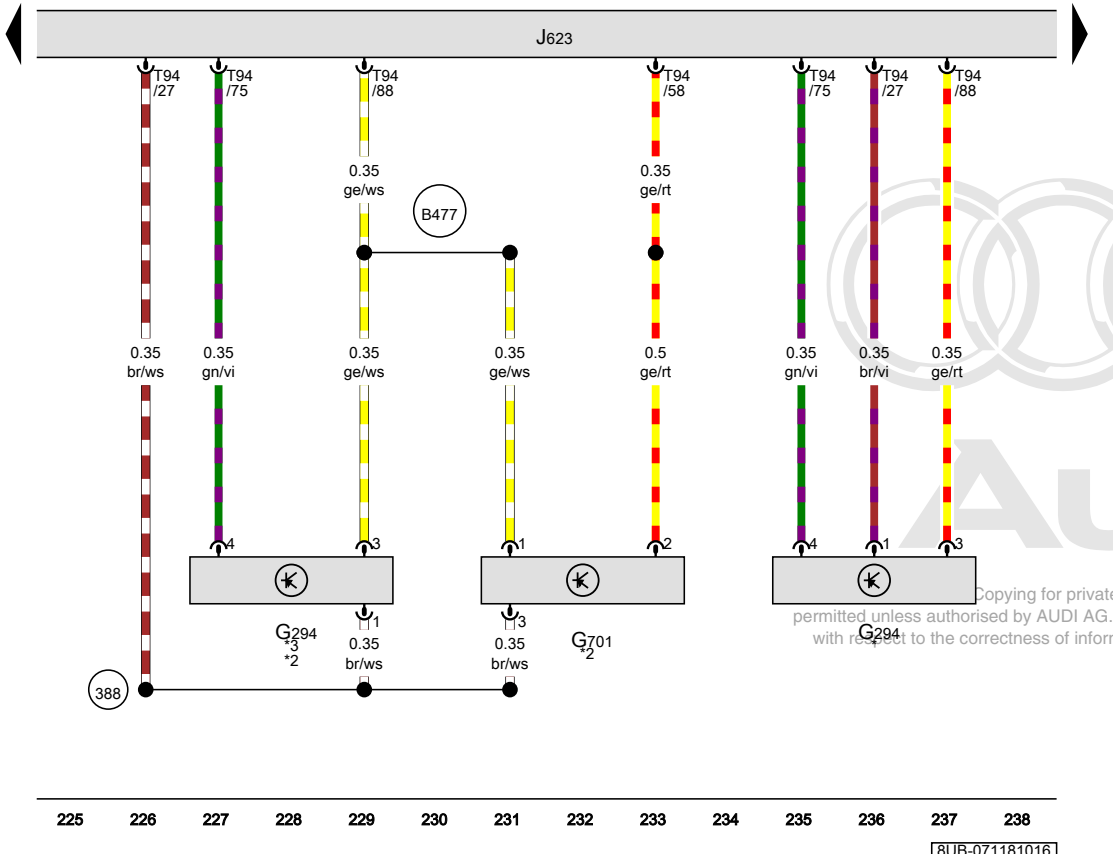
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB10	Fuse 10 on fuse holder B
T4bi	4-pin connector
T4i	4-pin connector
T40	40-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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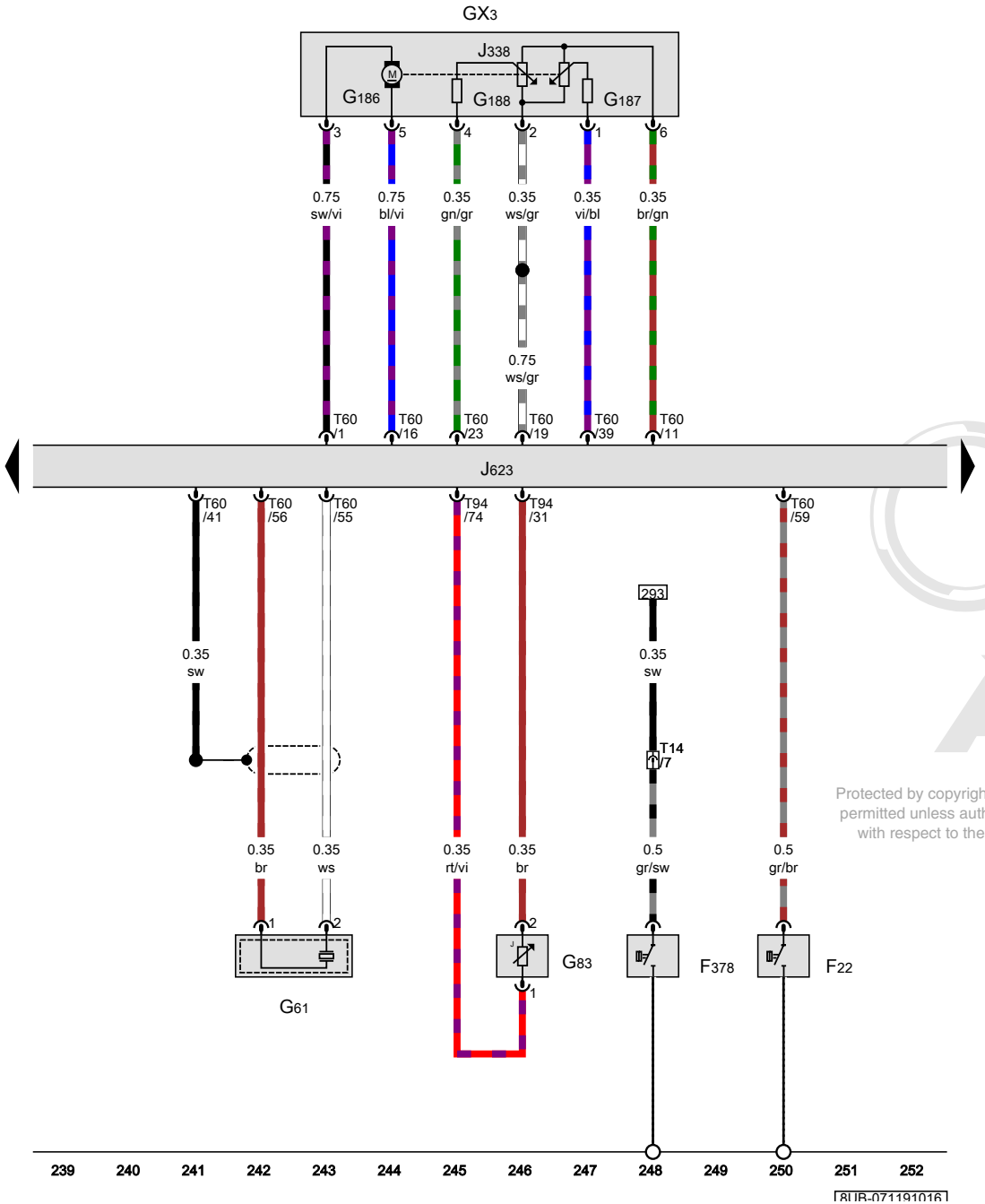
Gearbox neutral position sender, Engine control unit

G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J623	Engine control unit
T94	94-pin connector, black
388	Earth connection 23, in main wiring harness
B477	Connection 13, in main wiring harness
*	If fitted
*2	Only models with manual gearbox
*3	Only models with brake servo pressure sensor



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Throttle valve module, Knock sensor 1, Radiator outlet coolant temperature sender, Throttle valve module, Engine control unit

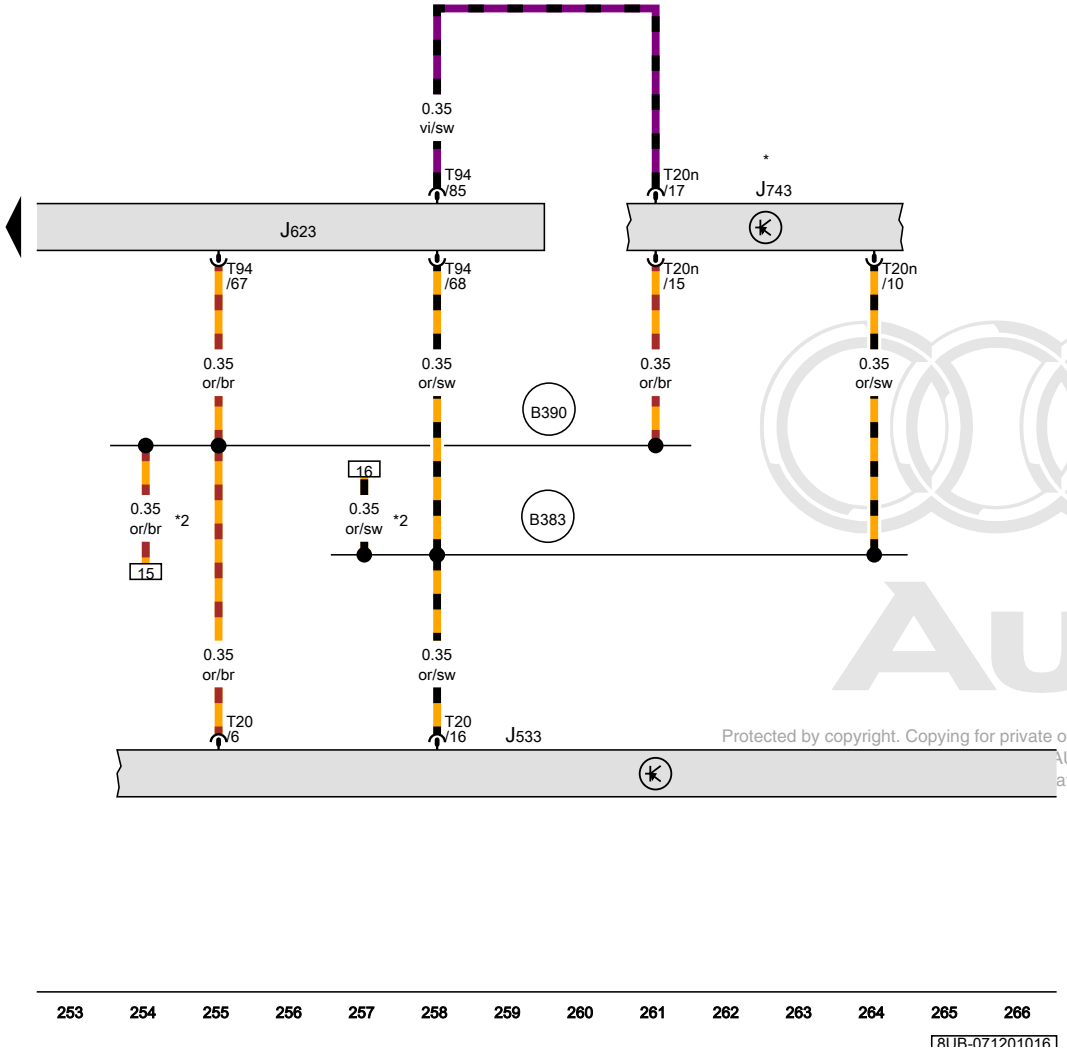
F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX3	Throttle valve module
G61	Knock sensor 1
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black

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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
T20	20-pin connector, red
T20n	20-pin connector, black
T94	94-pin connector, black
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 dual clutch gearbox
*2	Only left-hand drive models

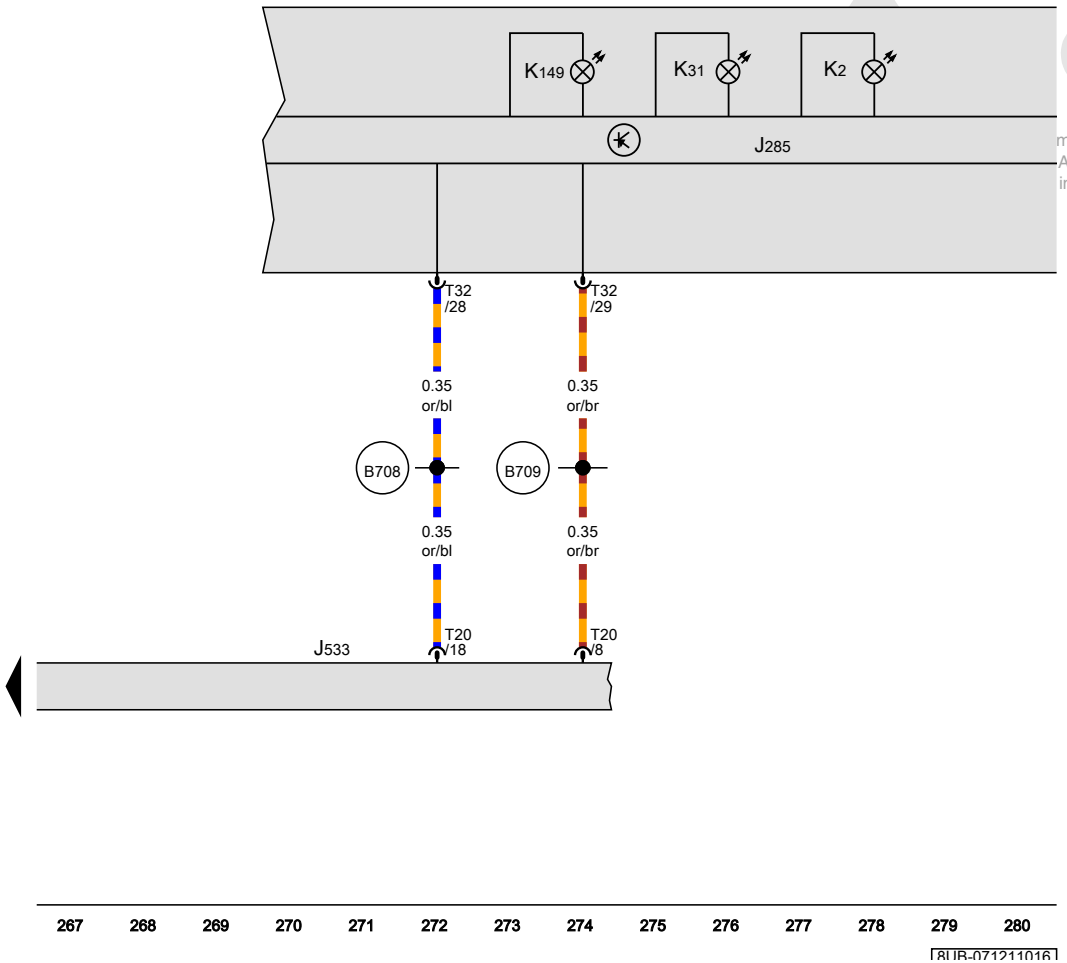


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

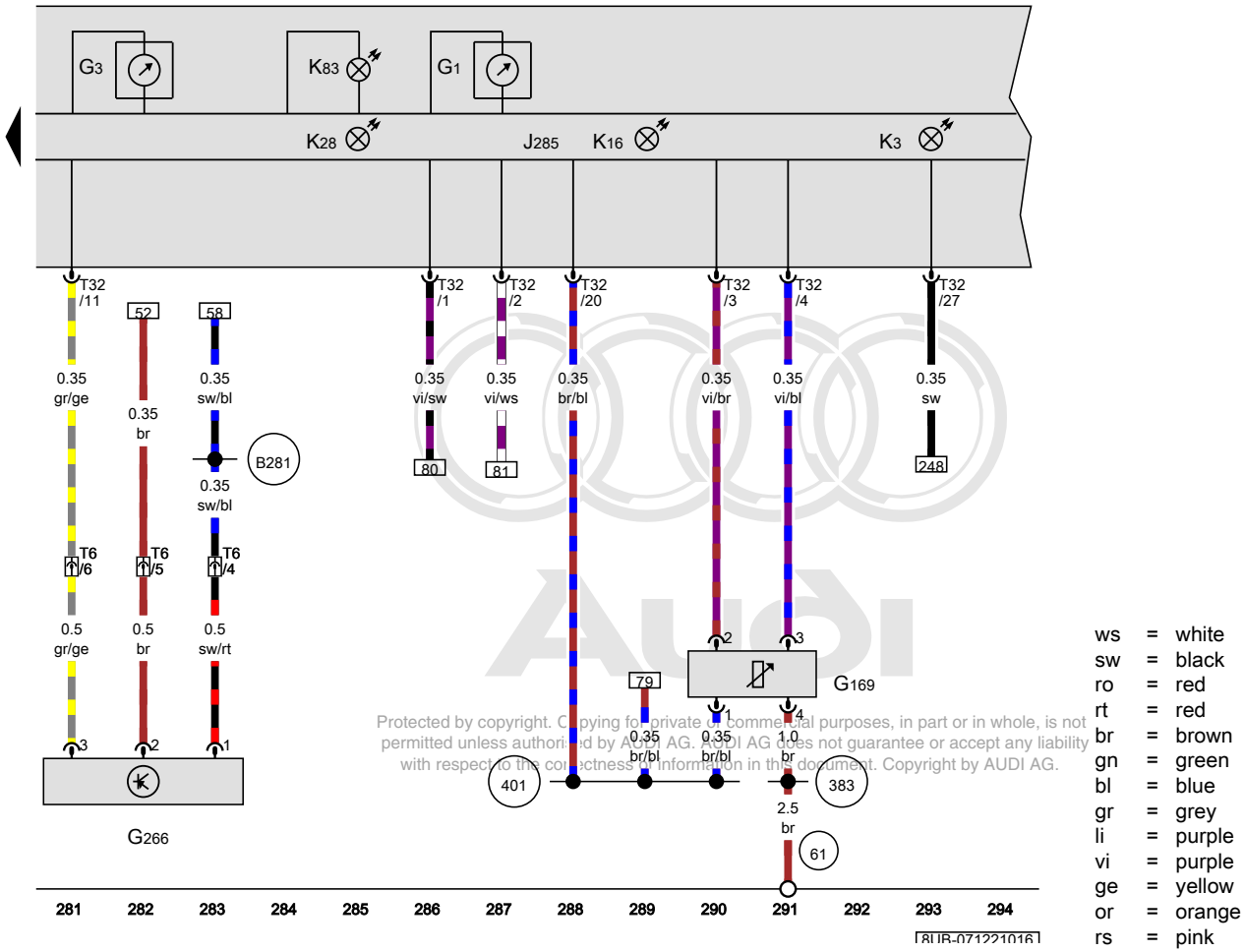


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Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T6	6-pin connector, near front left longitudinal member, black
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



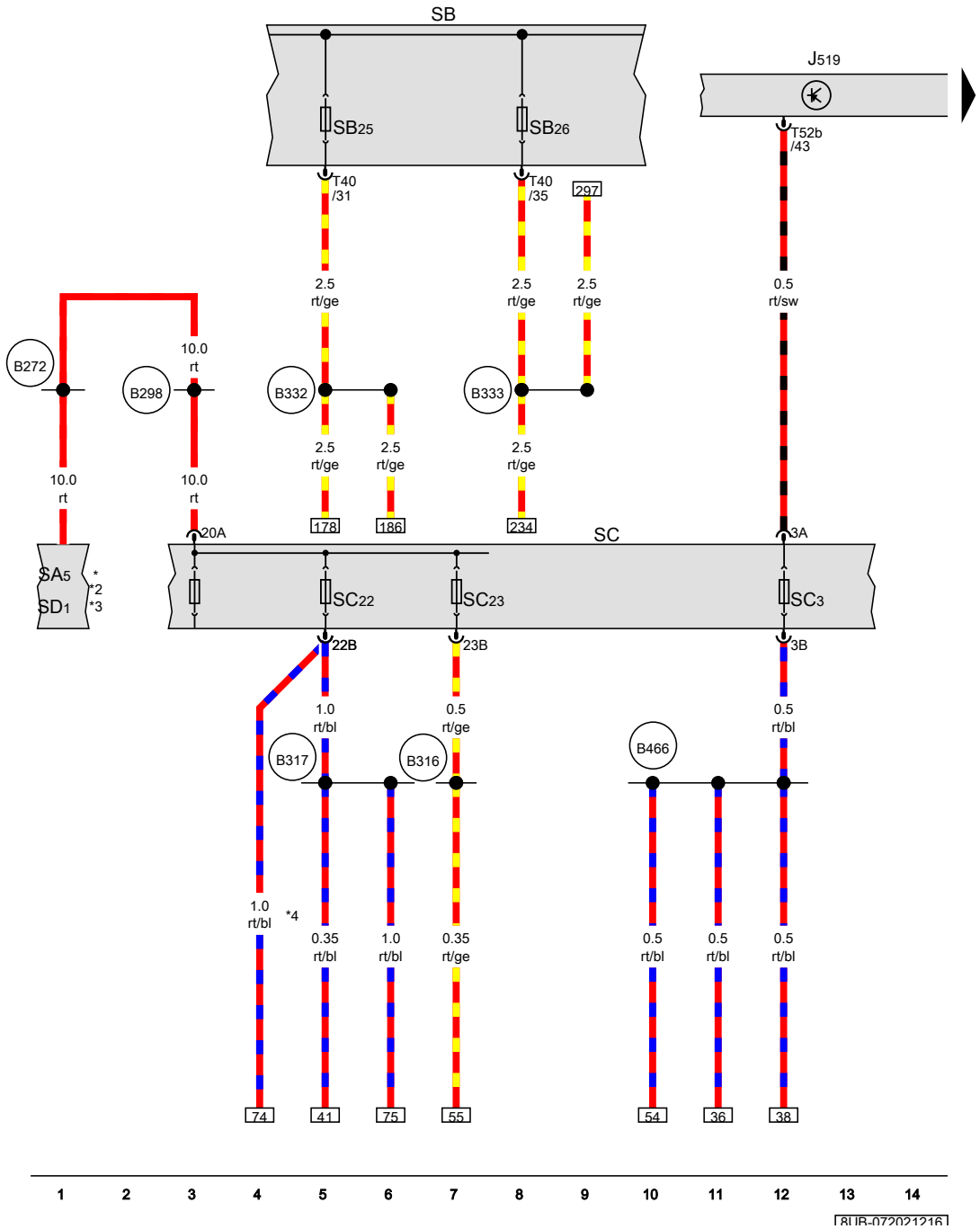
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Convenience system, left-hand drive , (L0L)

From November 2013

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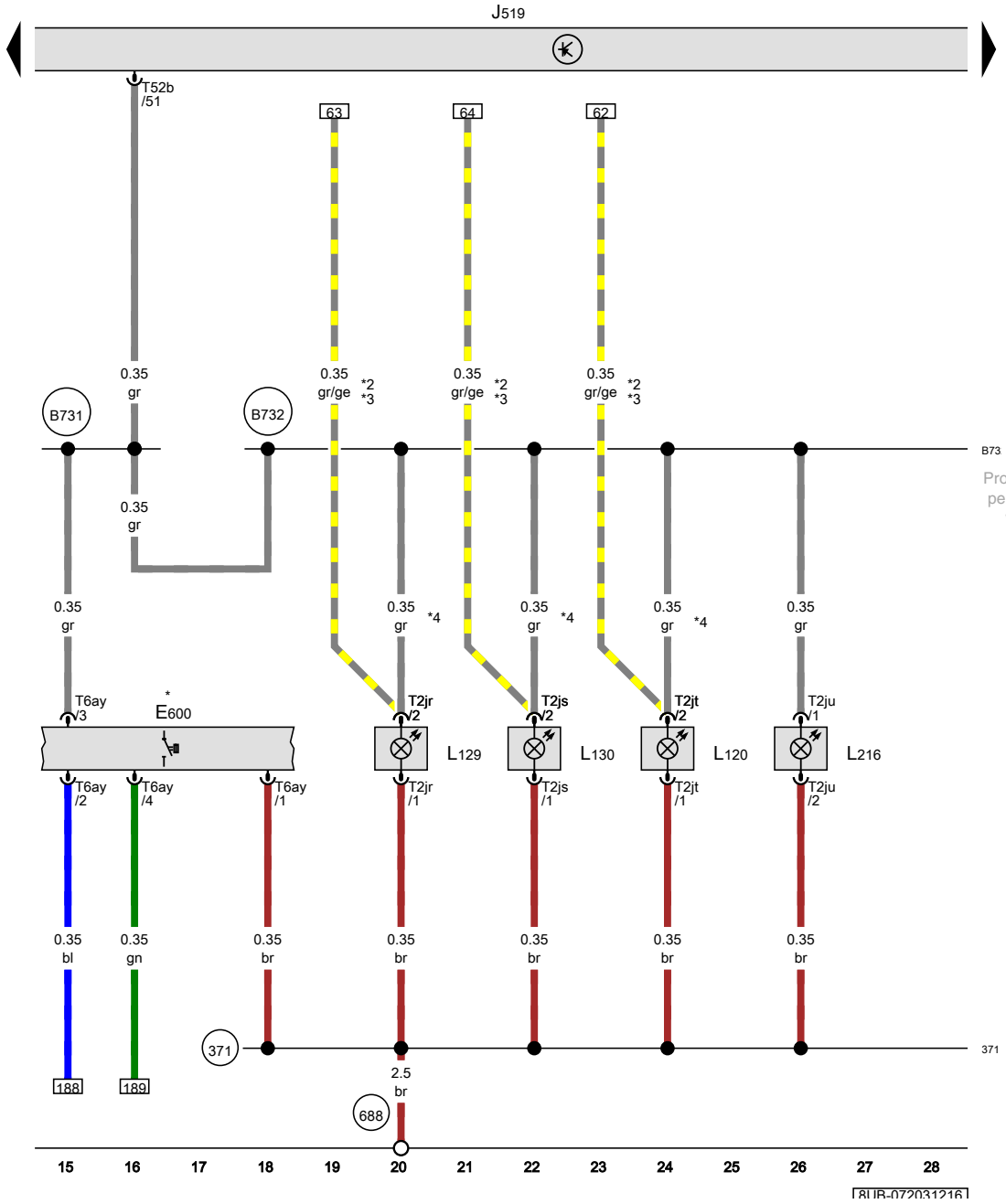


Fuse holder C

J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC3	Fuse 3 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
T40	40-pin connector, black
T52b	52-pin connector, colourless
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
B466	Connection 2, in main wiring harness
*	Only models with battery in engine compartment
*2	Only models with battery in luggage compartment
*3	see applicable current flow diagram
*4	According to equipment

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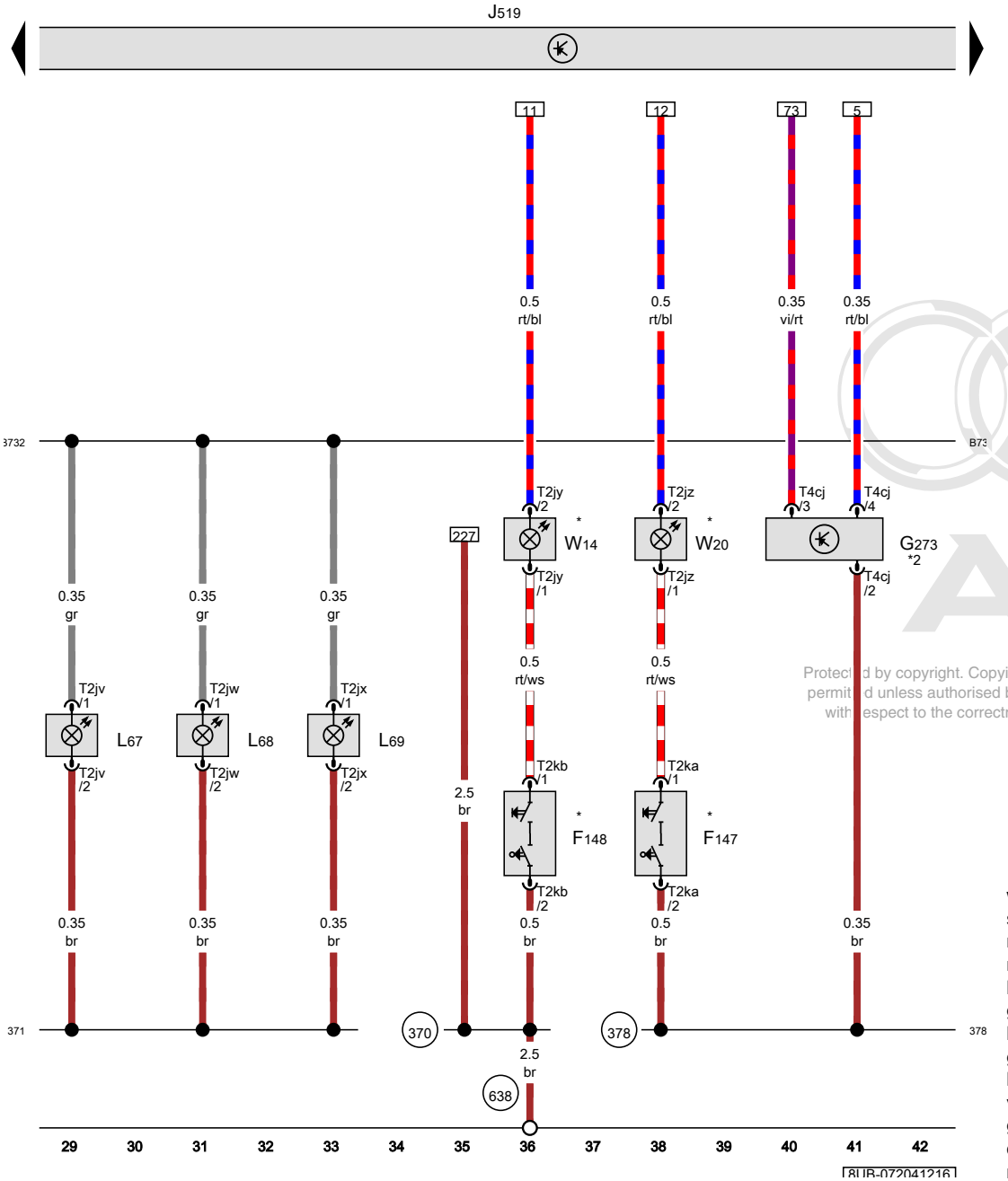


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Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

E600	Central locking button
J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T2jr	2-pin connector, brown
T2js	2-pin connector, brown
T2jt	2-pin connector, black
T2ju	2-pin connector, black
T6ay	6-pin connector, red
T52b	52-pin connector, colourless
371	Earth connection 6, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with US equipment
*2	Only models with radio concert
*3	Only models with MMI
*4	Only models with radio chorus

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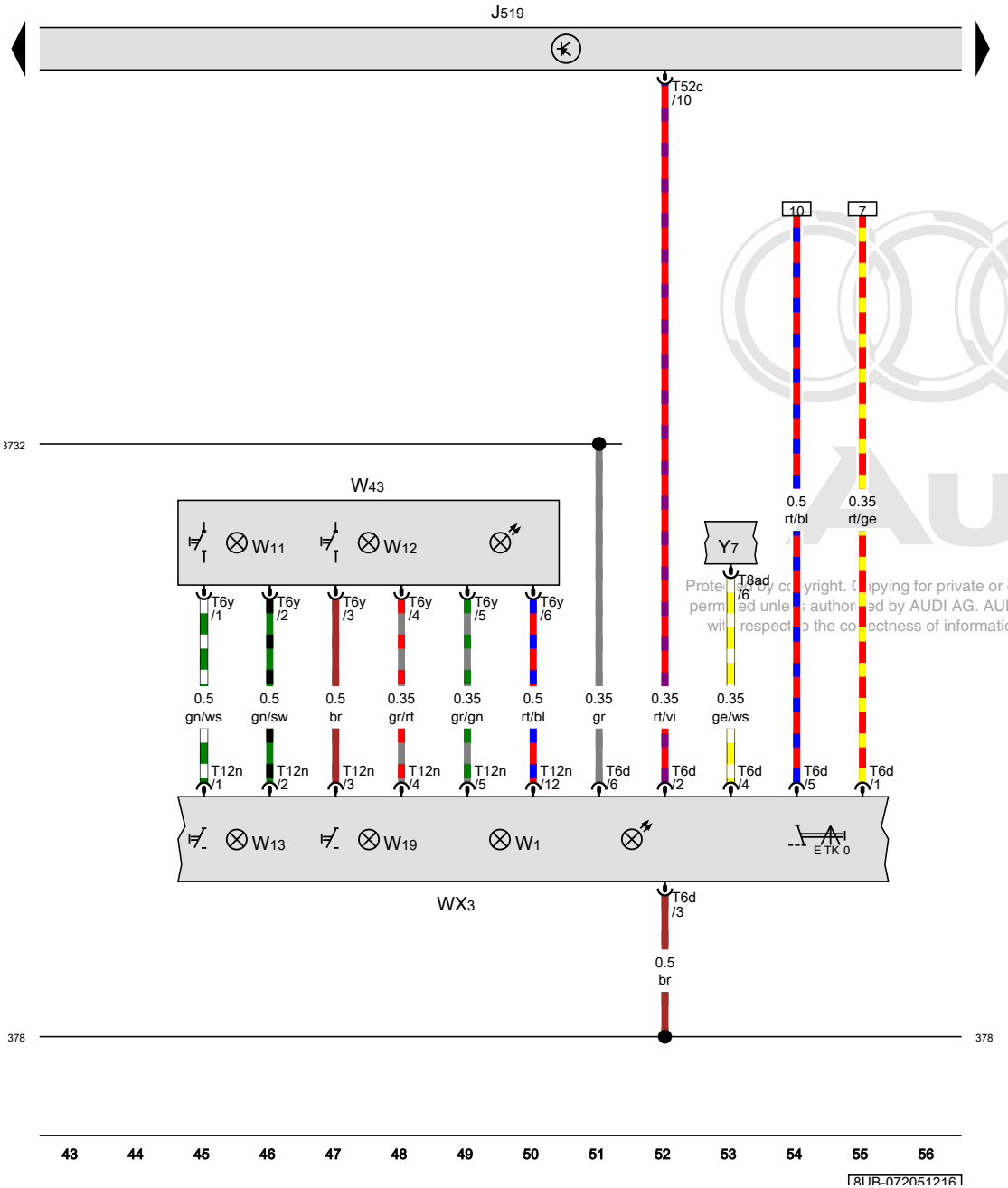


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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
T2jv	2-pin connector, black
T2jw	2-pin connector, black
T2jx	2-pin connector, black
T2jy	2-pin connector, black
T2jz	2-pin connector, black
T2ka	2-pin connector, black
T2kb	2-pin connector, black
T4cj	4-pin connector, black
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
378	Earth connection 13, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

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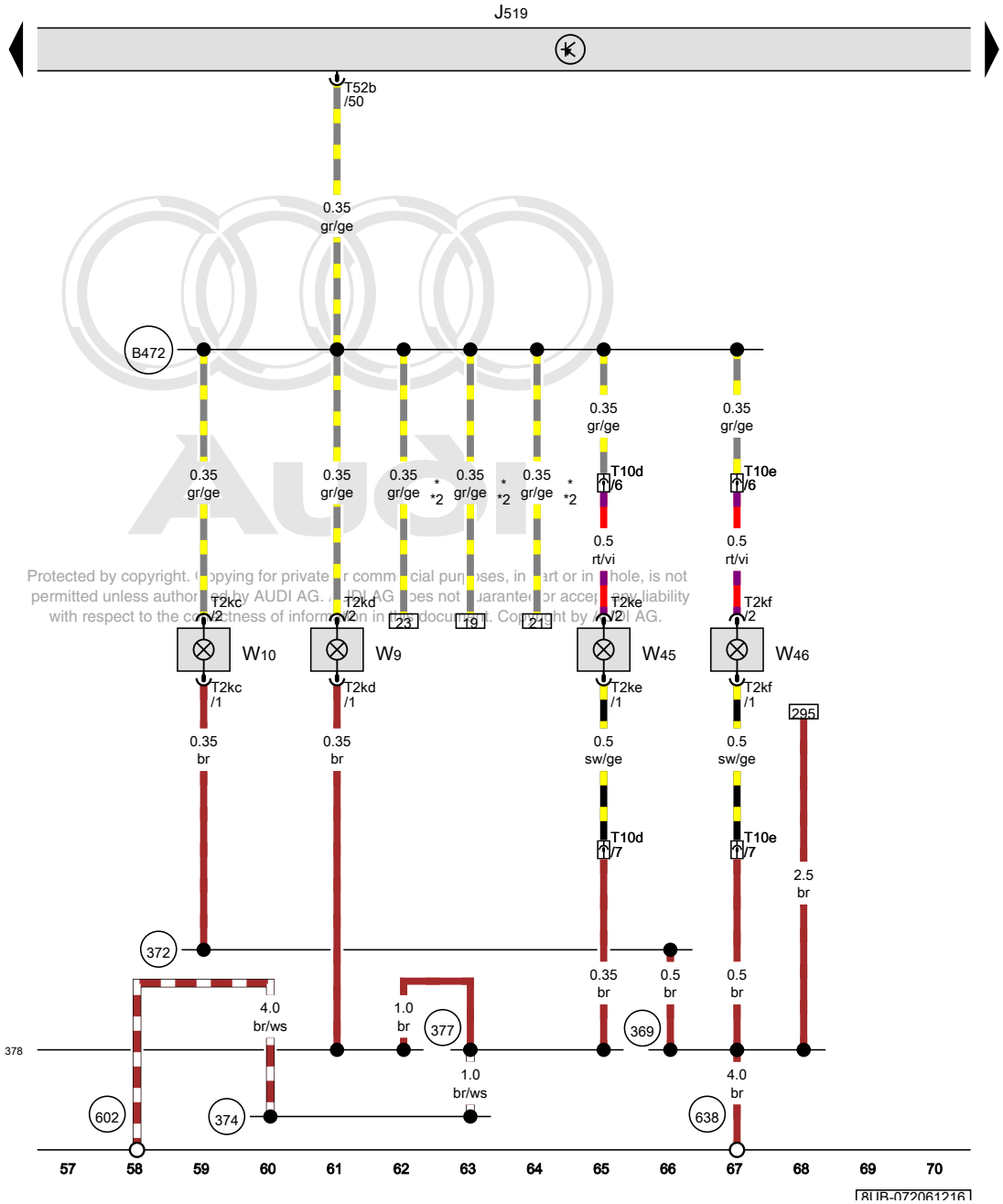


Front roof module, Rear interior light

J519	Onboard supply control unit
T6d	6-pin connector, black
T6y	6-pin connector, black
T8ad	8-pin connector, black
T12n	12-pin connector, black
T52c	52-pin connector, brown
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness

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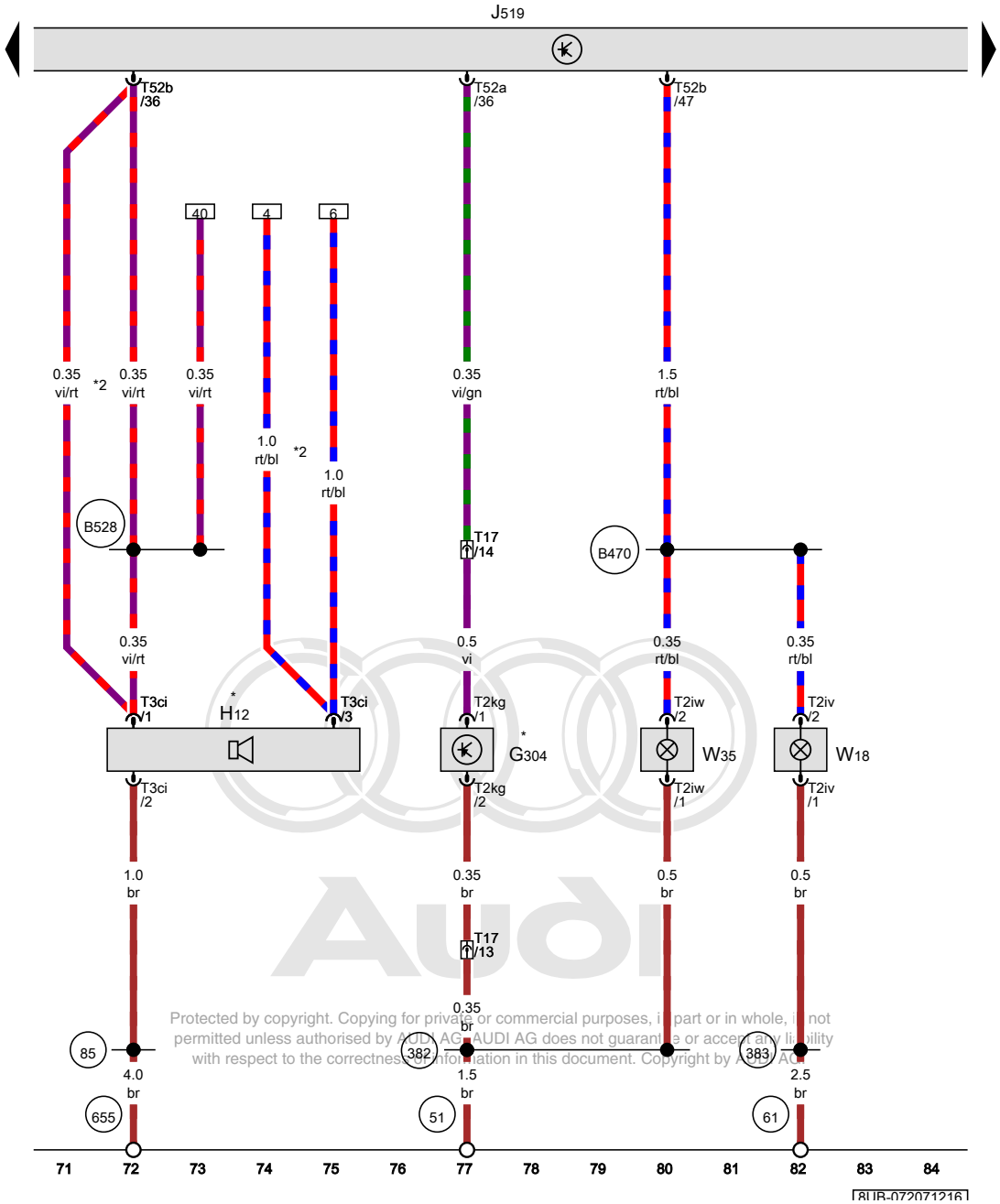


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Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T2kc	2-pin connector, black
T2kd	2-pin connector, black
T2ke	2-pin connector, black
T2kf	2-pin connector
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector, colourless
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI

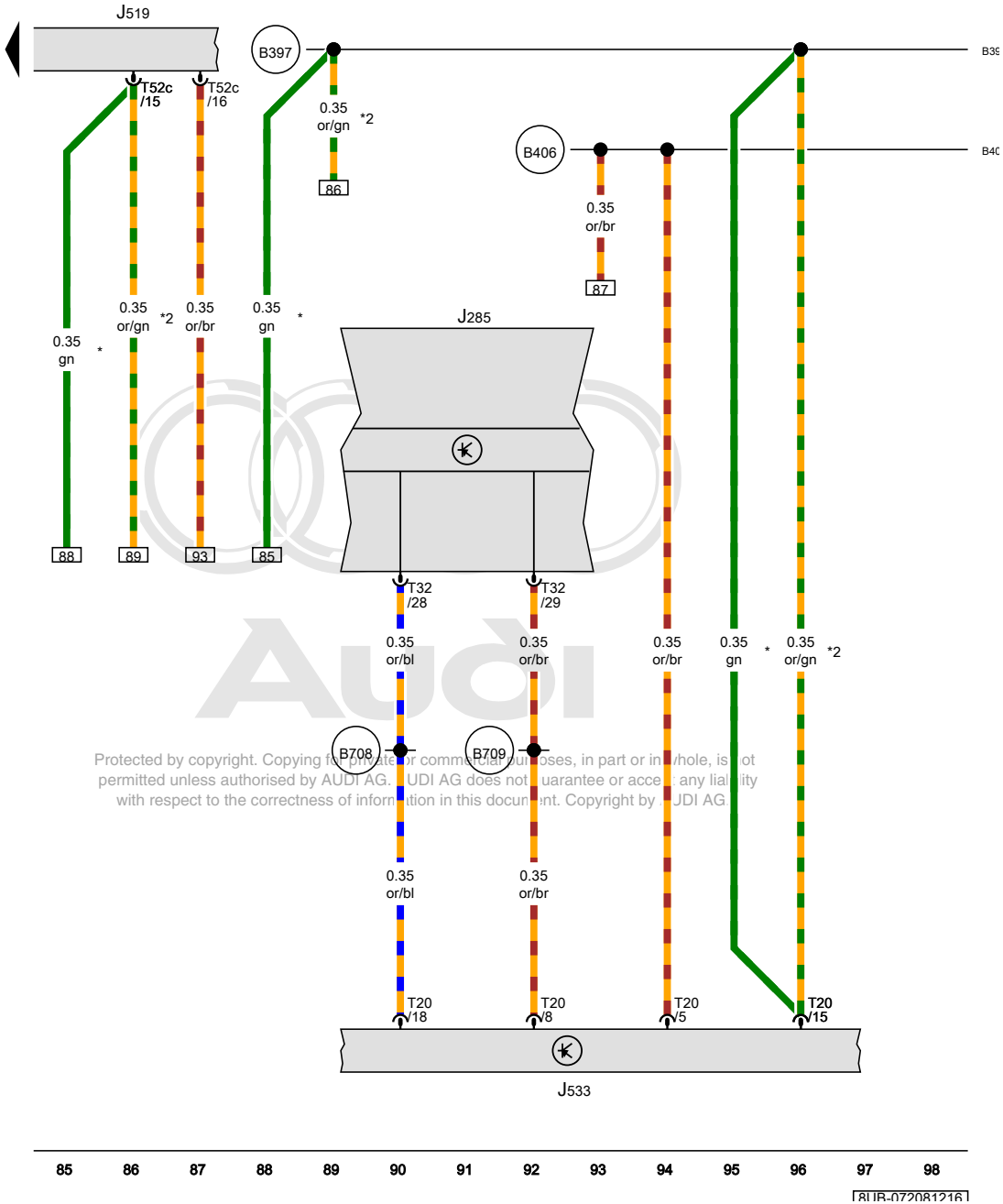


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Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light

G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2kg	2-pin connector, black
T3ci	3-pin connector, black
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector, black
T52b	52-pin connector, colourless
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system
*2	According to equipment

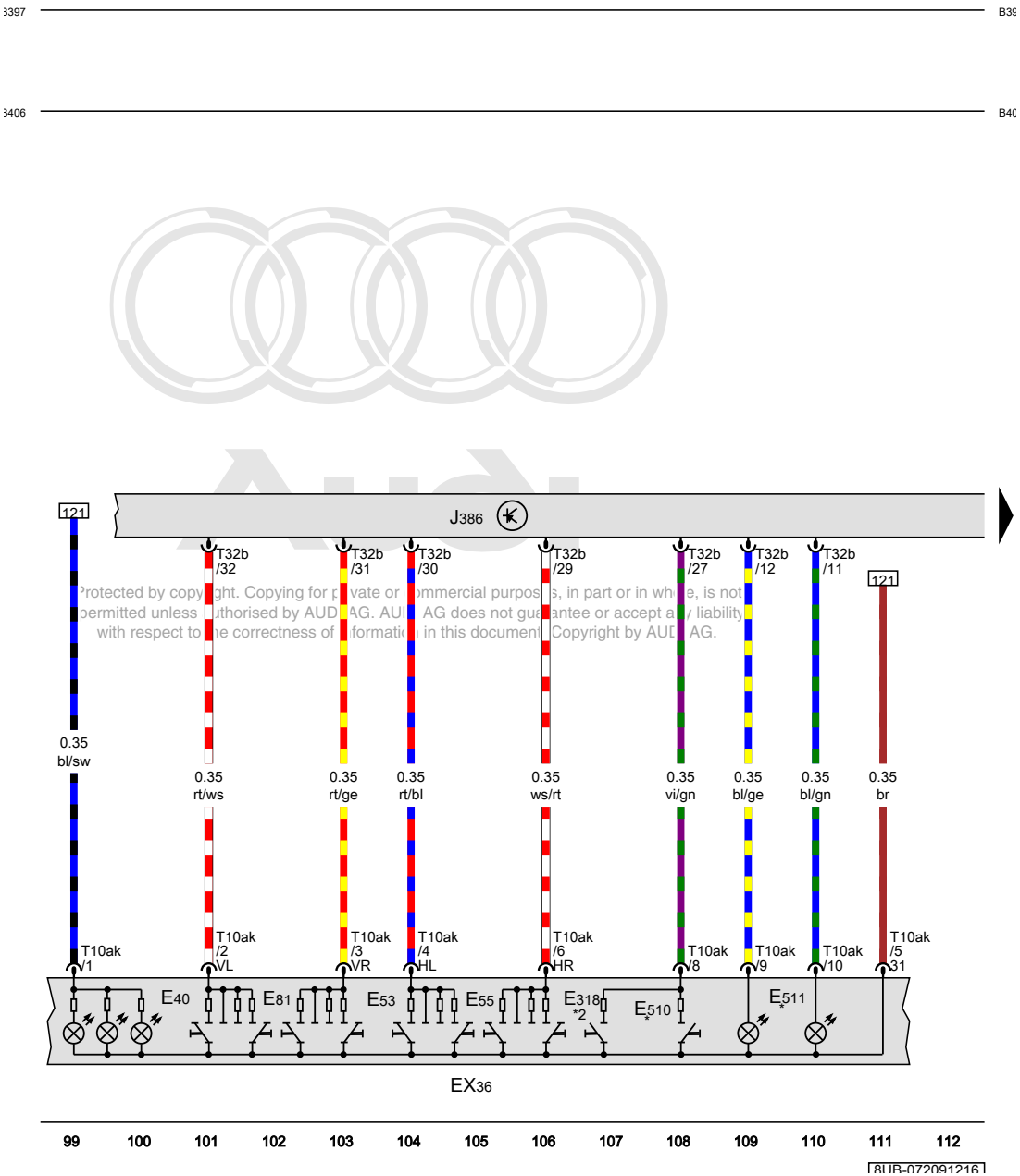


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Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector, red
T32	32-pin connector, blue
T52c	52-pin connector, brown
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	From November 2016
*2	Up to October 2016

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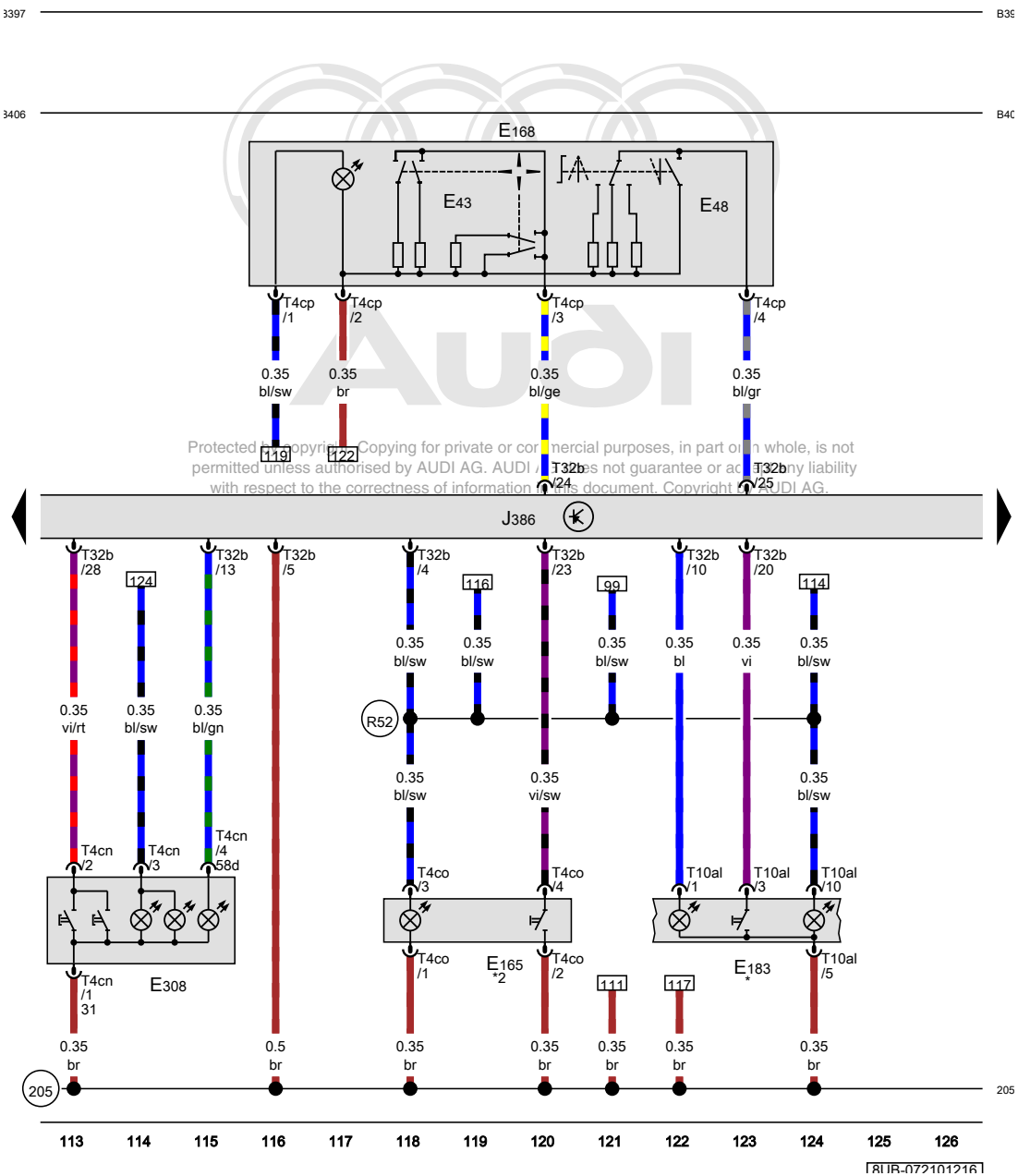


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Operating unit for window regulator in driver door, Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Childproof lock button, Button for left childproof lock, Button for right childproof lock, Driver door control unit

EX36	Operating unit for window regulator in driver door
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
E510	Button for left childproof lock
E511	Button for right childproof lock
J386	Driver door control unit
T10ak	10-pin connector, black
T32b	32-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with childproof locks
*2	Only models with no childproof locks



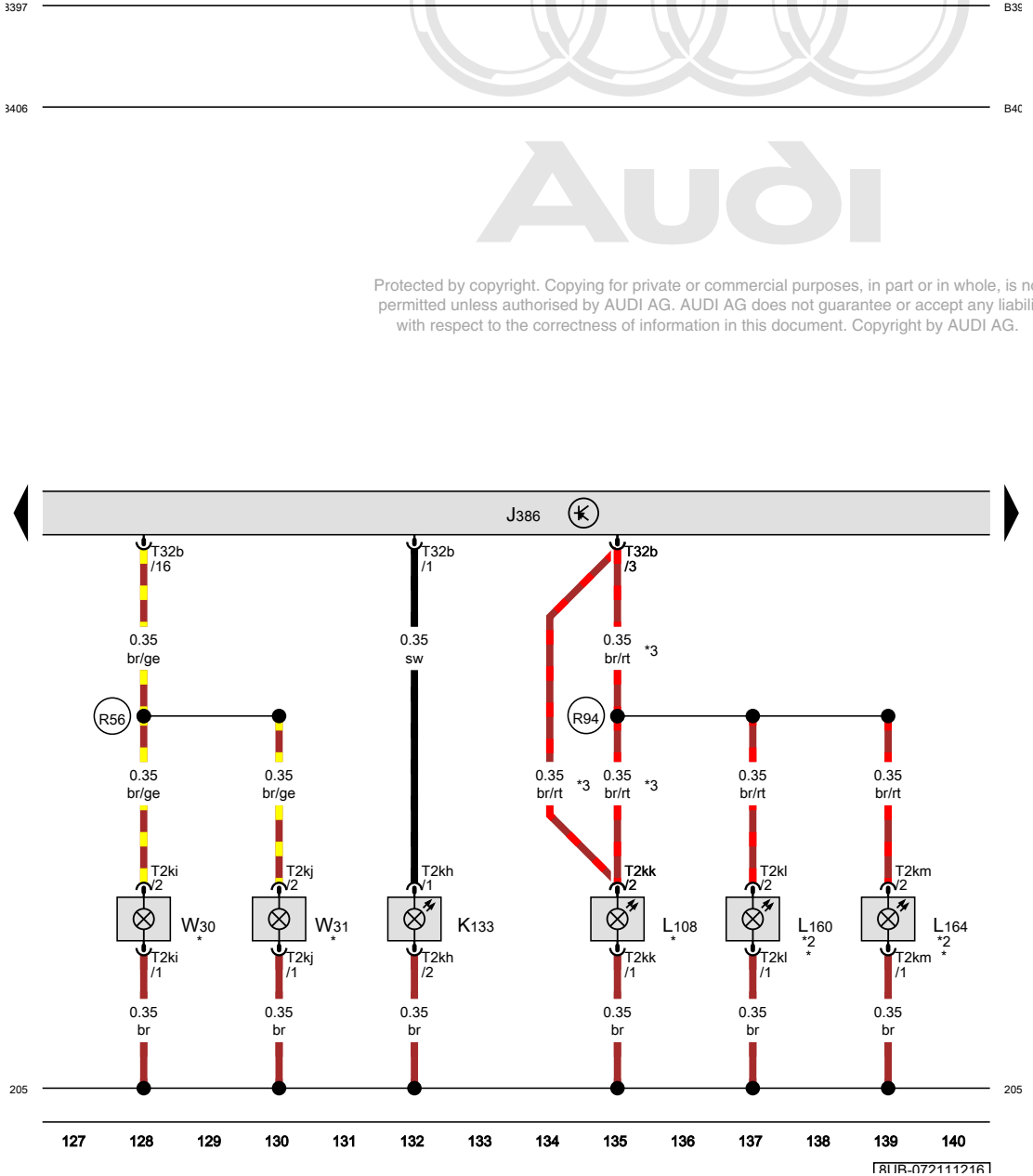
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Mirror adjustment switch, Mirror adjustment changeover switch, Rear lid release switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E165	Rear lid release switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T4cn	4-pin connector, blue
T4co	4-pin connector, brown
T4cp	4-pin connector, black
T10al	10-pin connector, black
T32b	32-pin connector, black
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor
*2	If fitted

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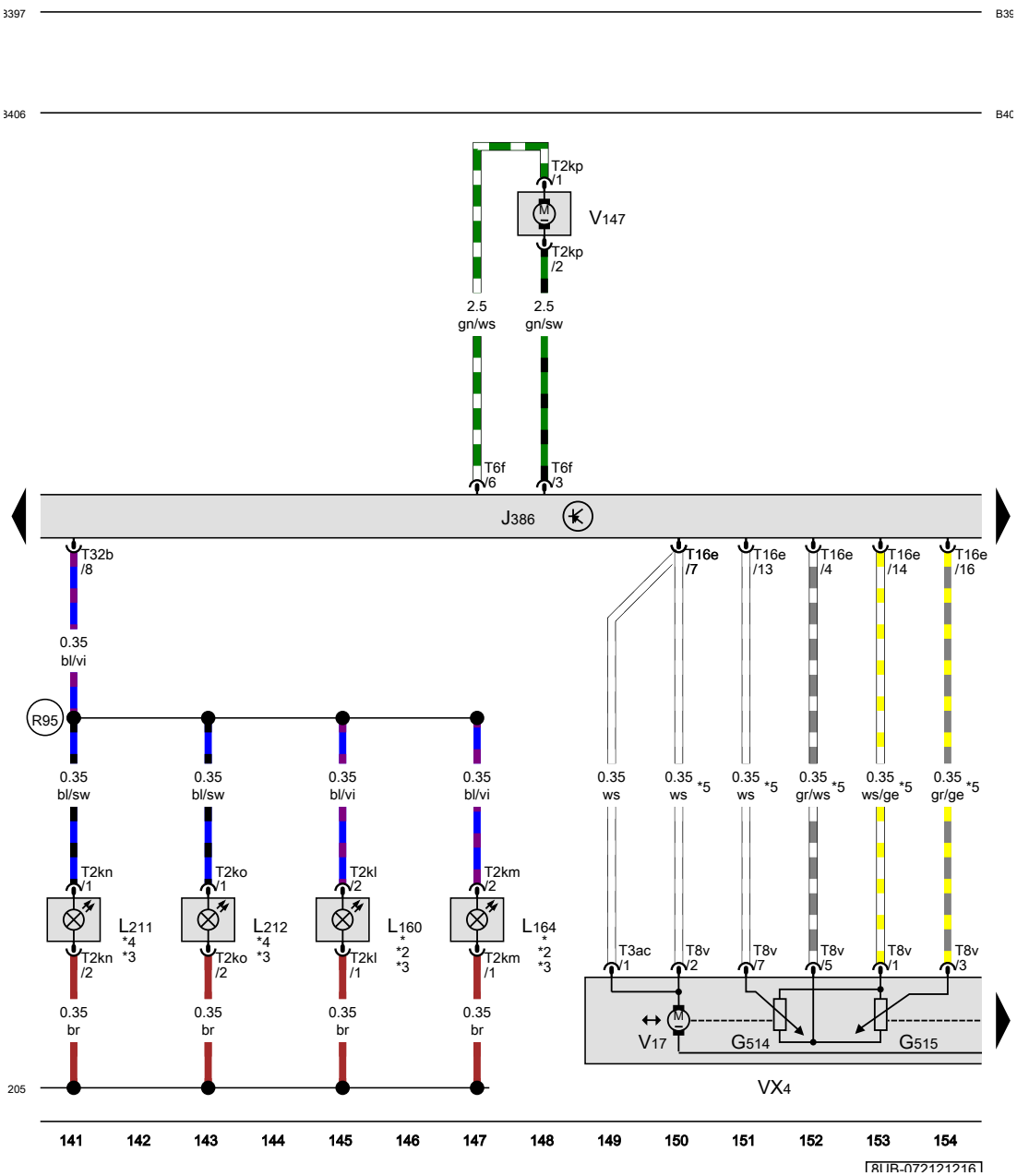


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Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2kh	2-pin connector, black
T2ki	2-pin connector, black
T2kj	2-pin connector, black
T2kk	2-pin connector, black
T2kl	2-pin connector, black
T2km	2-pin connector, brown
T32b	32-pin connector, black
W30	Driver side door warning lamp
W31	Front left entry light
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

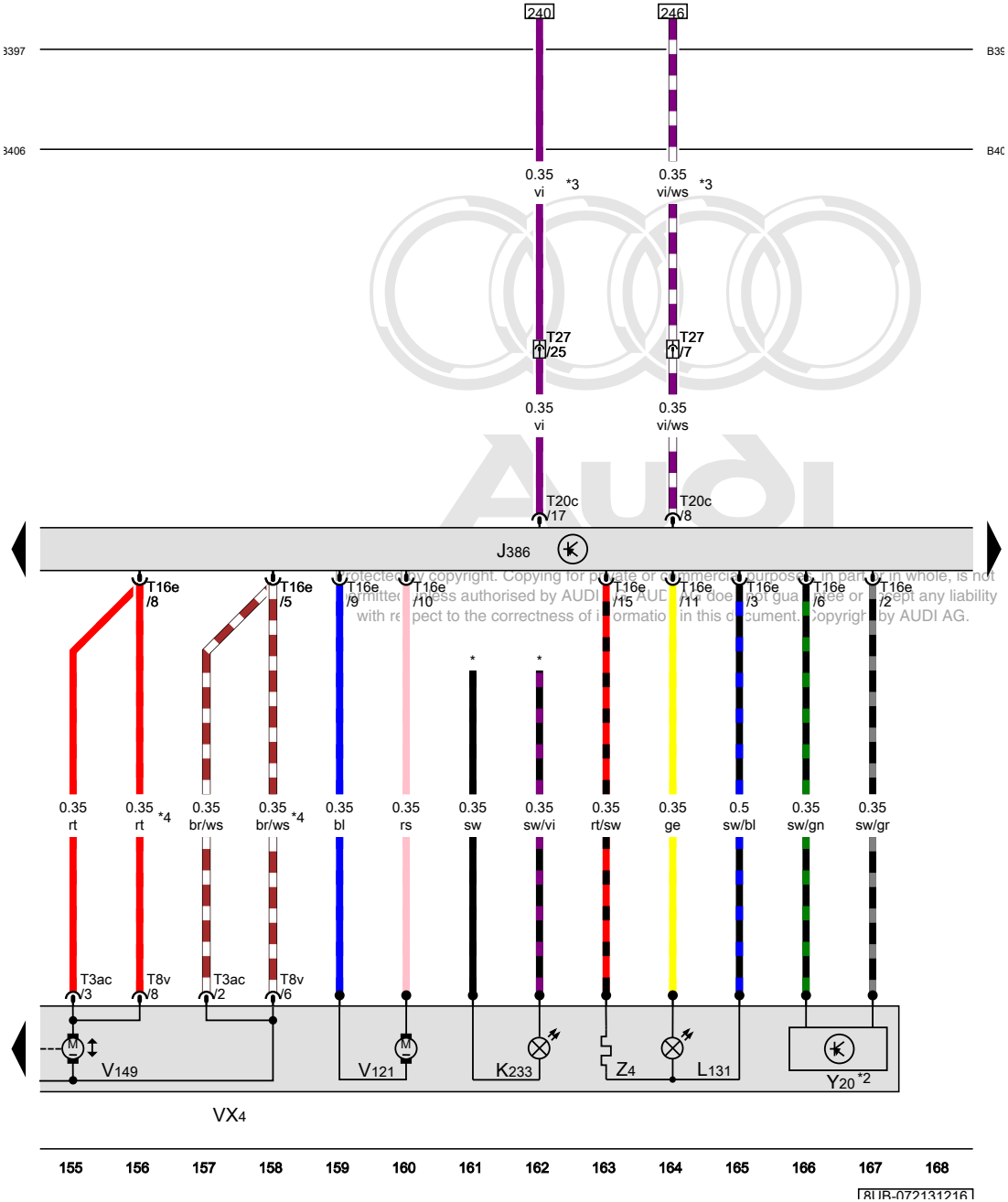
Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor



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G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T2kl	2-pin connector, brown
T2km	2-pin connector, brown
T2kn	2-pin connector, brown
T2ko	2-pin connector, brown
T2kp	2-pin connector, black
T3ac	3-pin connector
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector
T32b	32-pin connector, black
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with BOSE sound system
*5	Only models with electric seat adjustment and memory function

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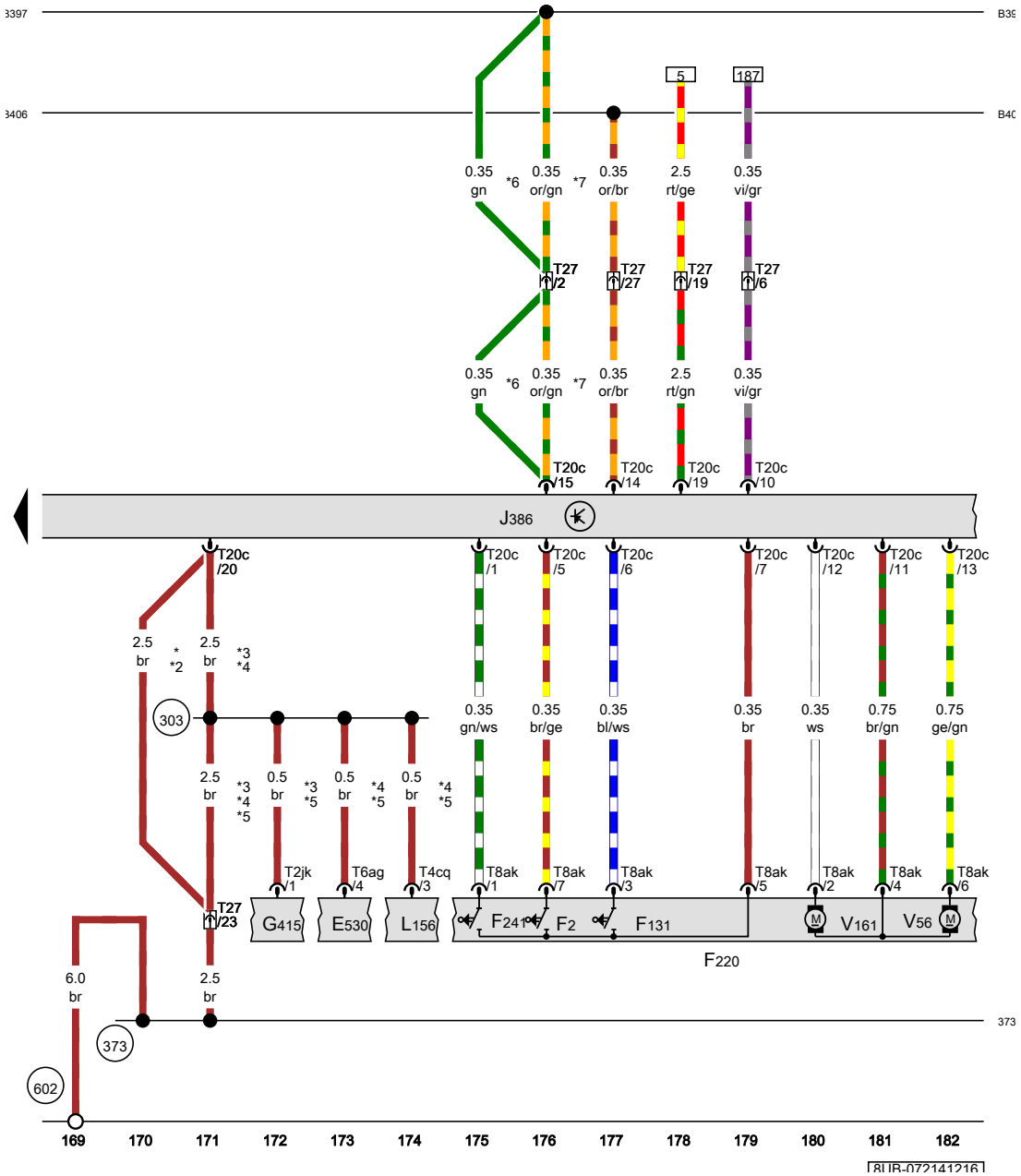
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rs = pink

Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector
T8v	8-pin connector
T16e	16-pin connector
T20c	20-pin connector, black
T27	27-pin connector, on left A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function

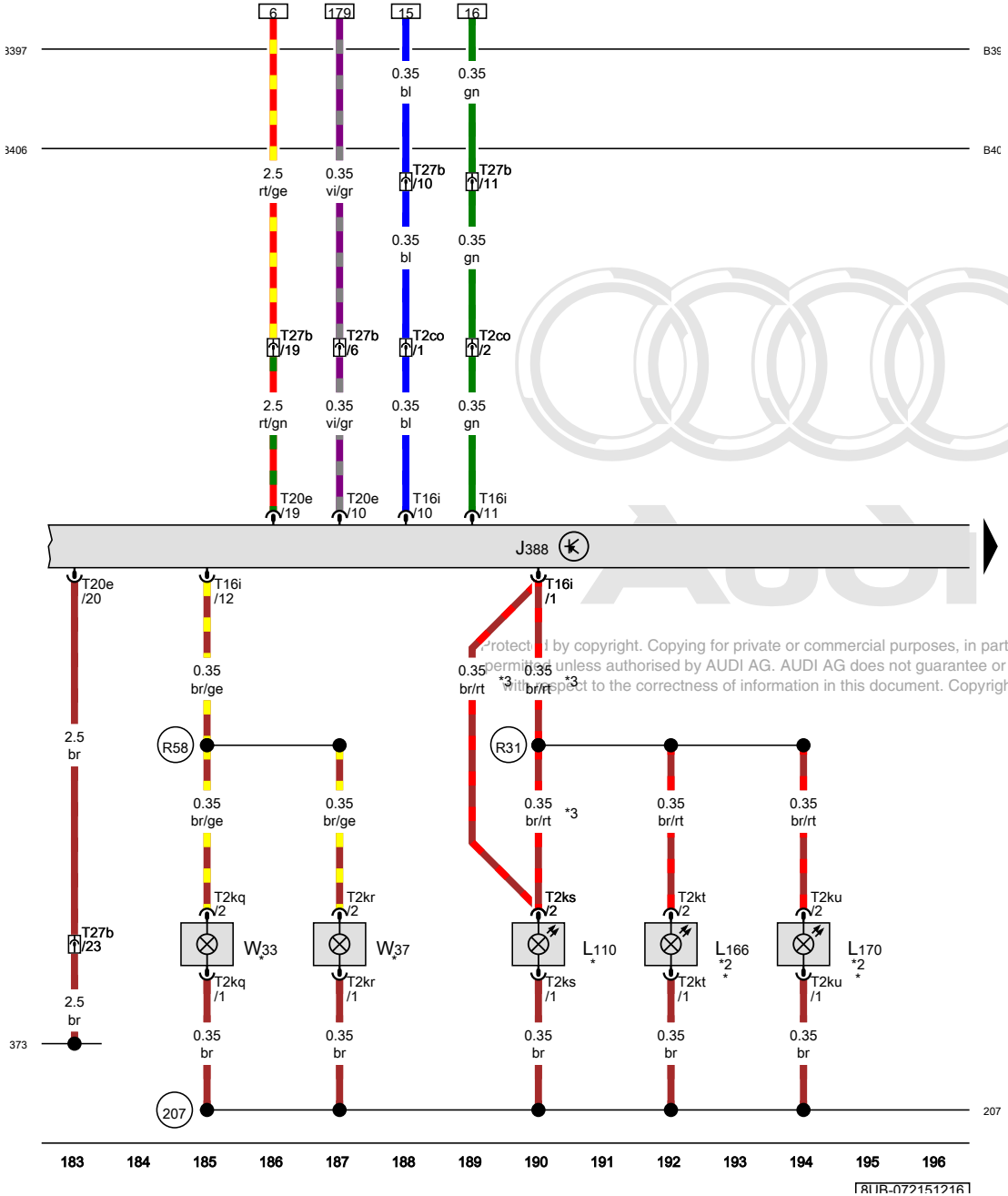
Driver side central locking lock unit, Driver door control unit



E530	Button for lane change assist
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
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T2jk	2-pin connector, black
T4cq	4-pin connector, black
T6ag	6-pin connector, black
T8ak	8-pin connector, black
T20c	20-pin connector, black
T27	27-pin connector, on left A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	According to equipment
*3	Only models with entry and start authorisation
*4	Only models with lane change assist
*5	see applicable current flow diagram
*6	From November 2016
*7	Up to October 2016

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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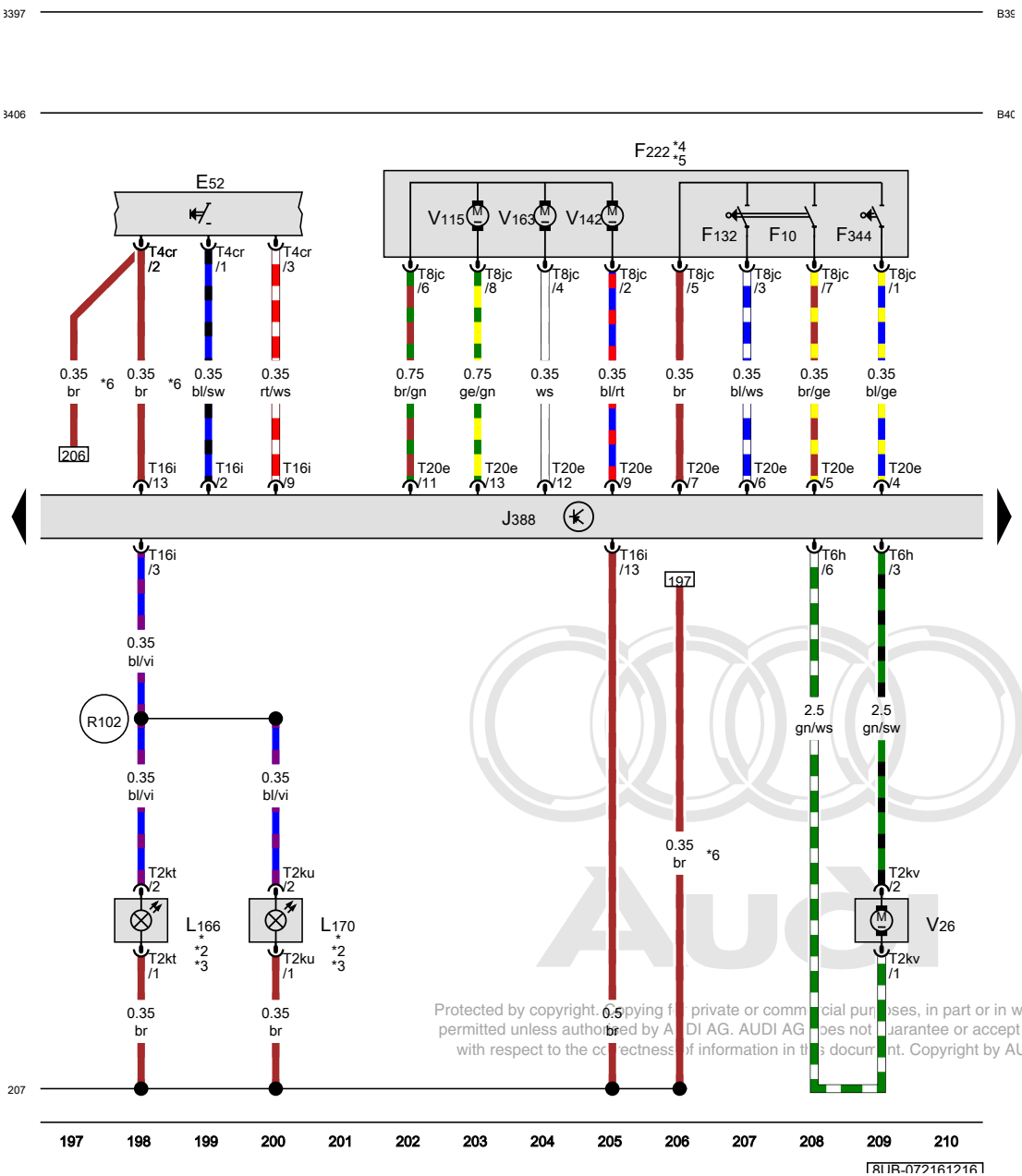


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Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2co	2-pin connector
T2kq	2-pin connector, black
T2kr	2-pin connector, black
T2ks	2-pin connector, black
T2kt	2-pin connector, brown
T2ku	2-pin connector, black
T16i	16-pin connector, black
T20e	20-pin connector, black
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
373	Earth connection 8, in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

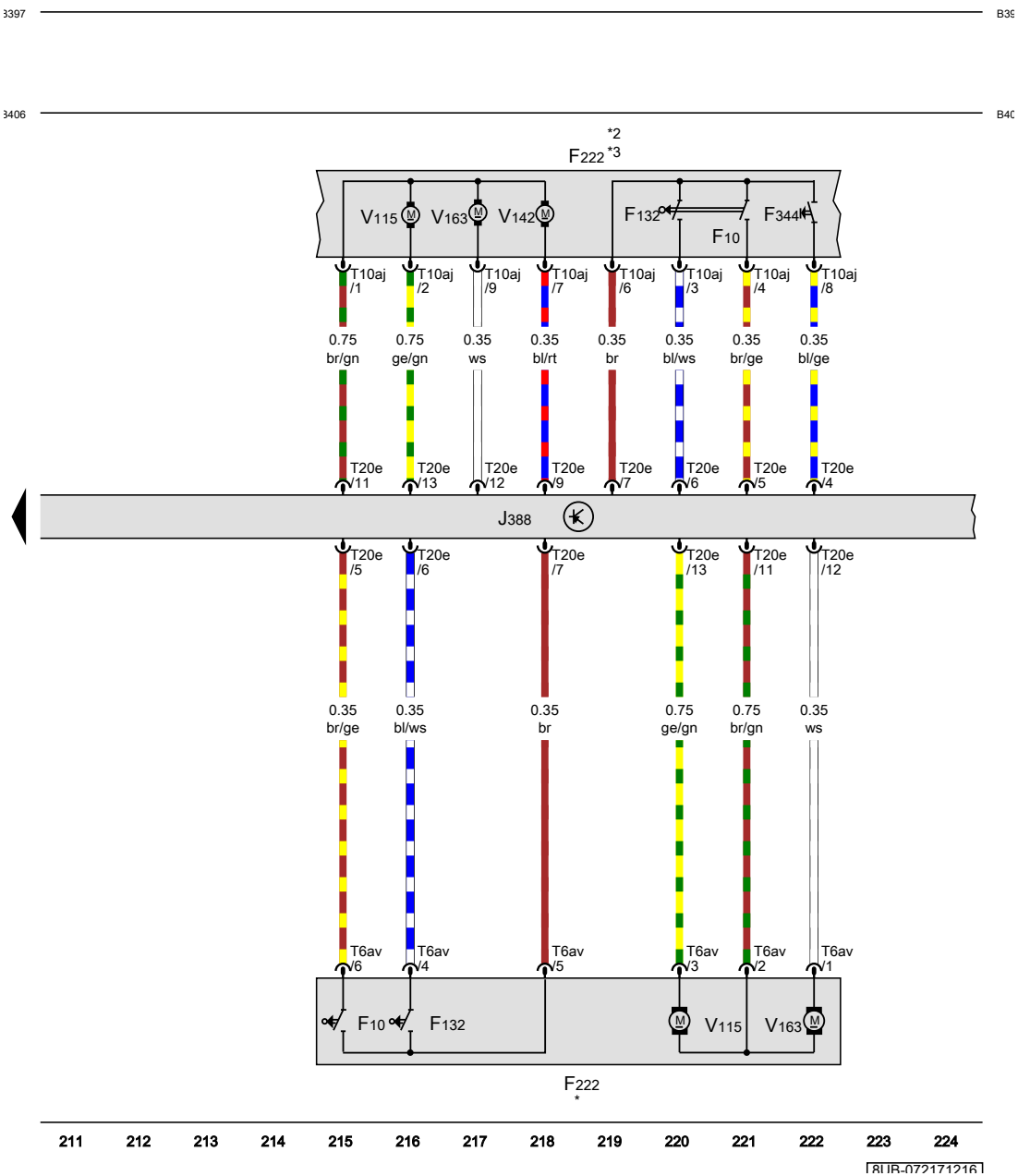


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Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2kt	2-pin connector, brown
T2ku	2-pin connector, black
T2kv	2-pin connector, black
T4cr	4-pin connector, brown
T6h	6-pin connector, black
T8jc	8-pin connector, black
T16i	16-pin connector, black
T20e	20-pin connector, black
V26	Rear left window regulator motor
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
207	Earth connection, in rear left door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R102	Connection 2, in rear left door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with childproof locks
*5	From November 2015
*6	According to equipment

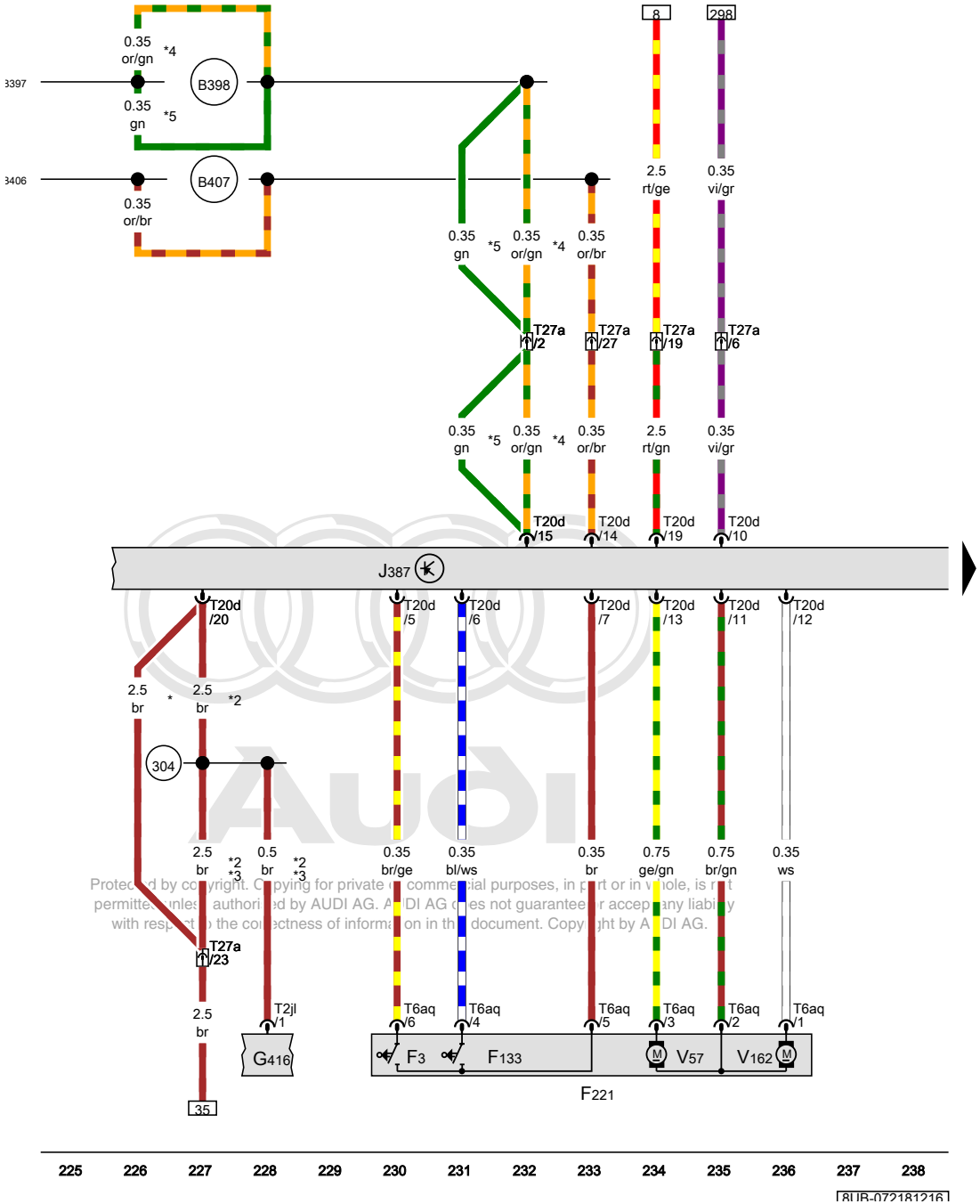


Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T6av	6-pin connector, black
T10aj	10-pin connector, black
T20e	20-pin connector, black
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with no childproof locks
*2	Only models with childproof locks
*3	Up to October 2015

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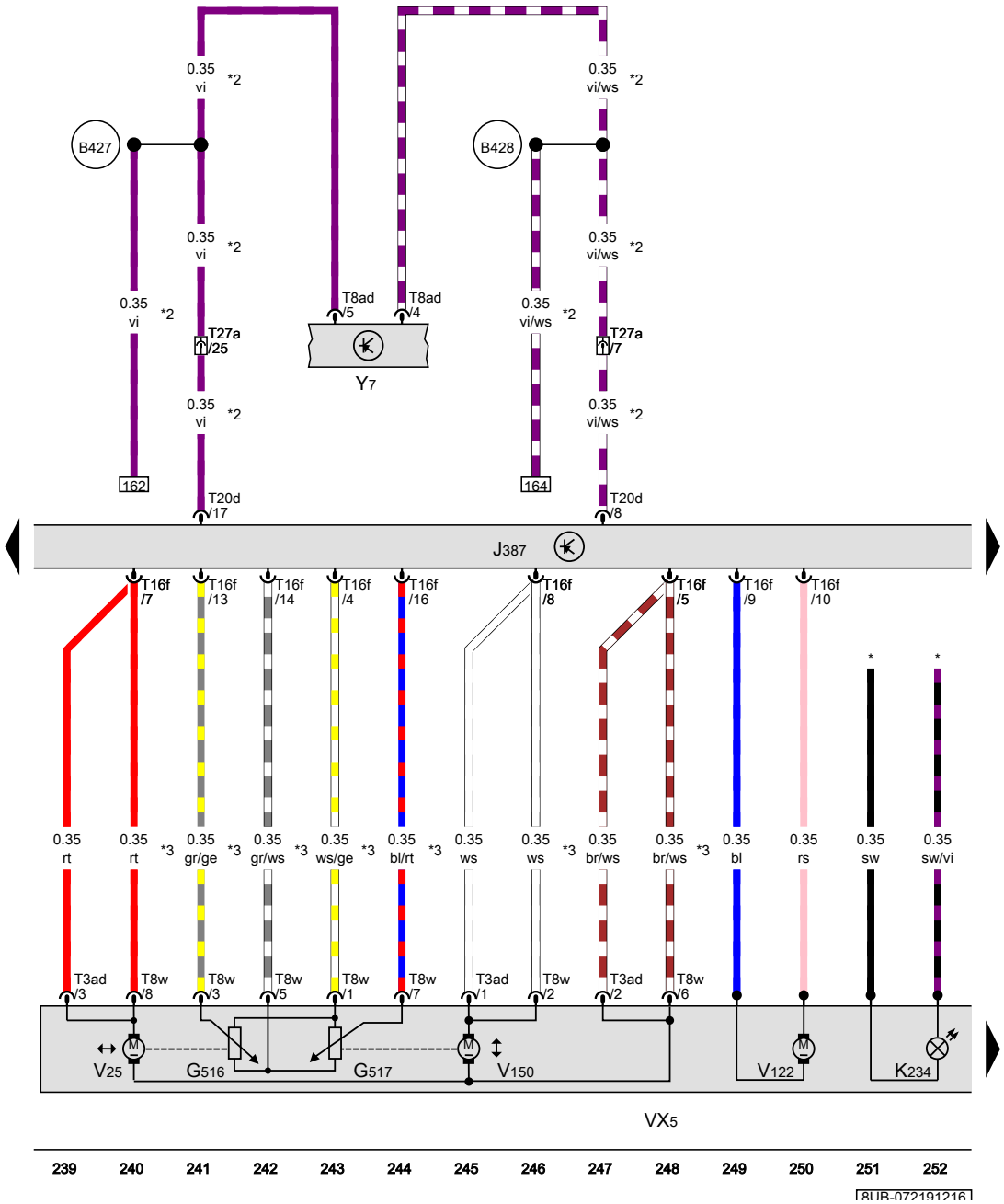


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Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F133	Front right central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T2jl	2-pin connector, black
T6aq	6-pin connector, black
T20d	20-pin connector, black
T27a	27-pin connector, in right A-pillar, on right A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram
*4	Up to October 2016
*5	From November 2016

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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, 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
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector
T8ad	8-pin connector, black
T8w	8-pin connector
T16f	16-pin connector, black
T20d	20-pin connector, black
T27a	27-pin connector, in right A-pillar, on right A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

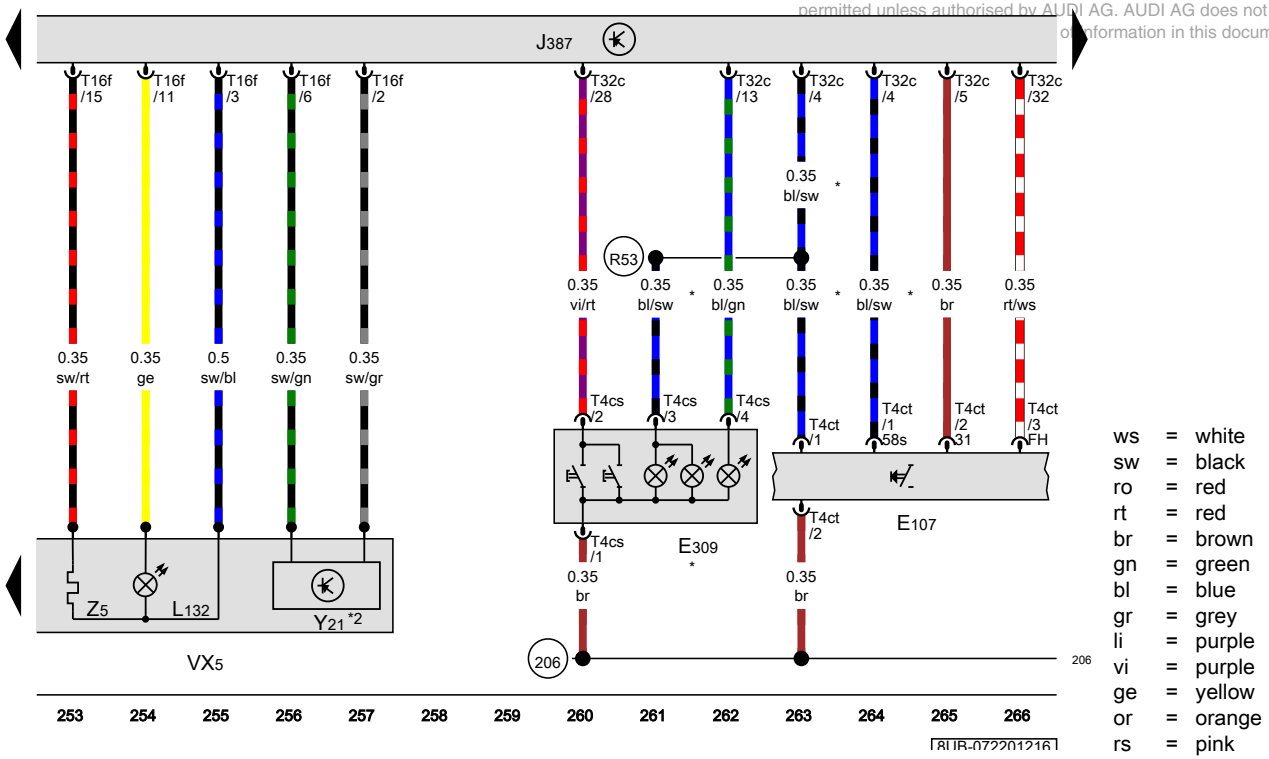
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Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

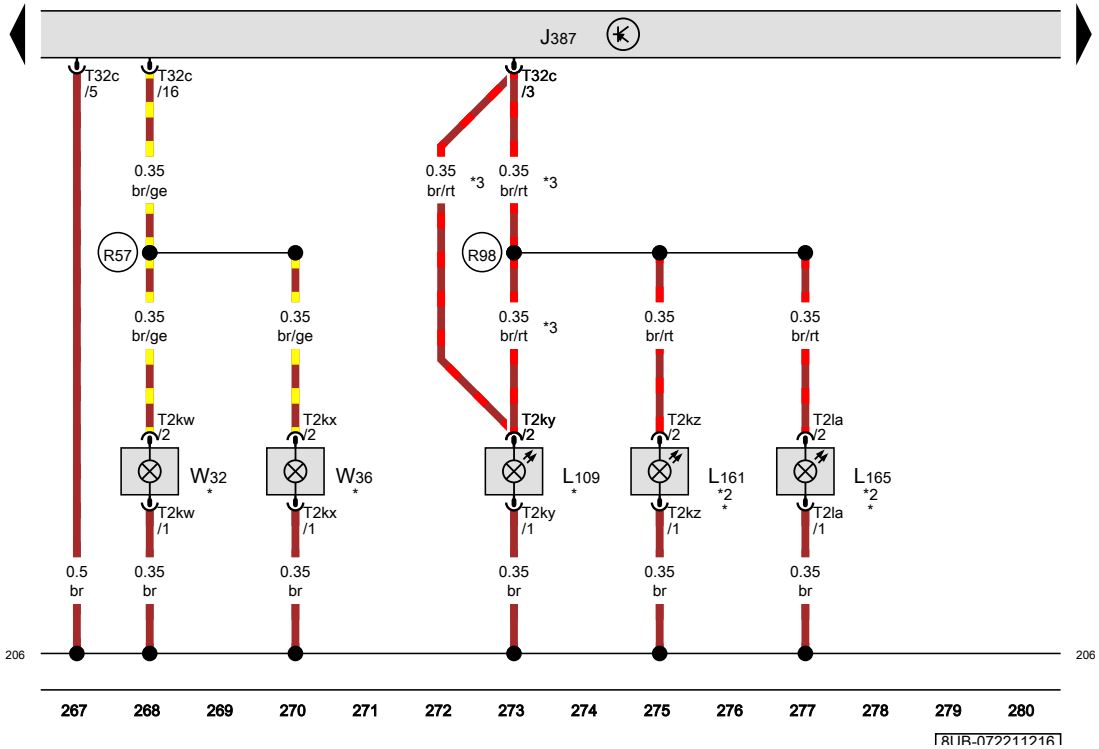
E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T4cs	4-pin connector, brown
T4ct	4-pin connector, brown
T16f	16-pin connector, black
T32c	32-pin connector, black
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror

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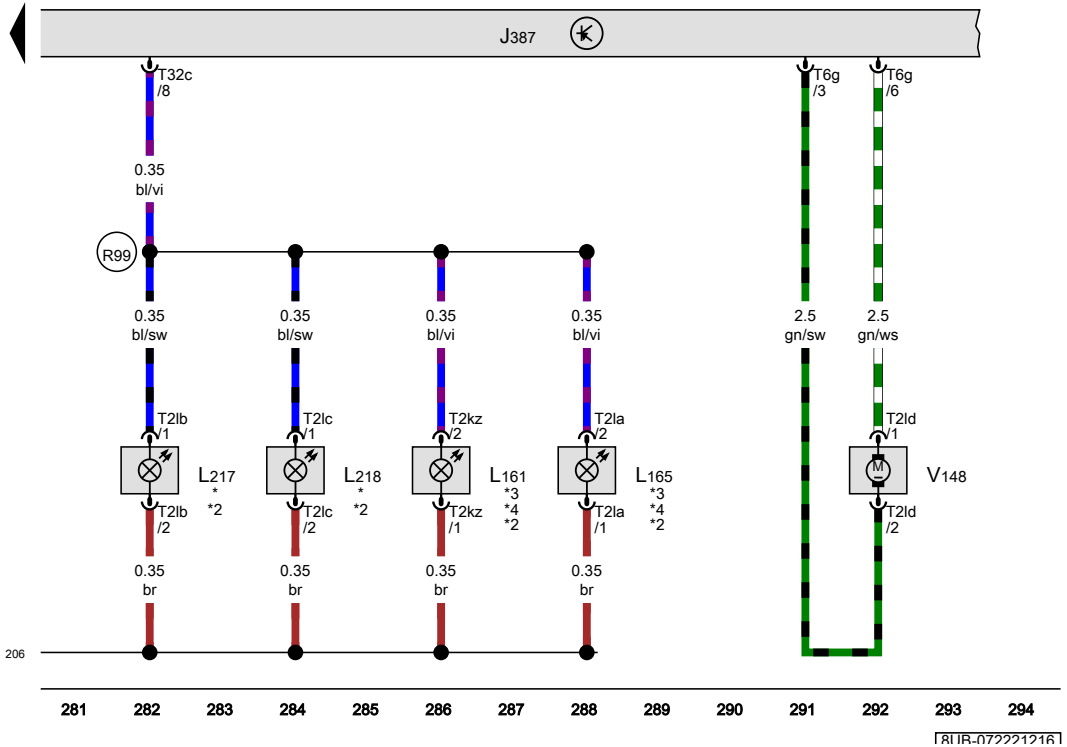
Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T2kw	2-pin connector, black
T2kx	2-pin connector, black
T2ky	2-pin connector, black
T2kz	2-pin connector, black
T2la	2-pin connector, brown
T32c	32-pin connector, black
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

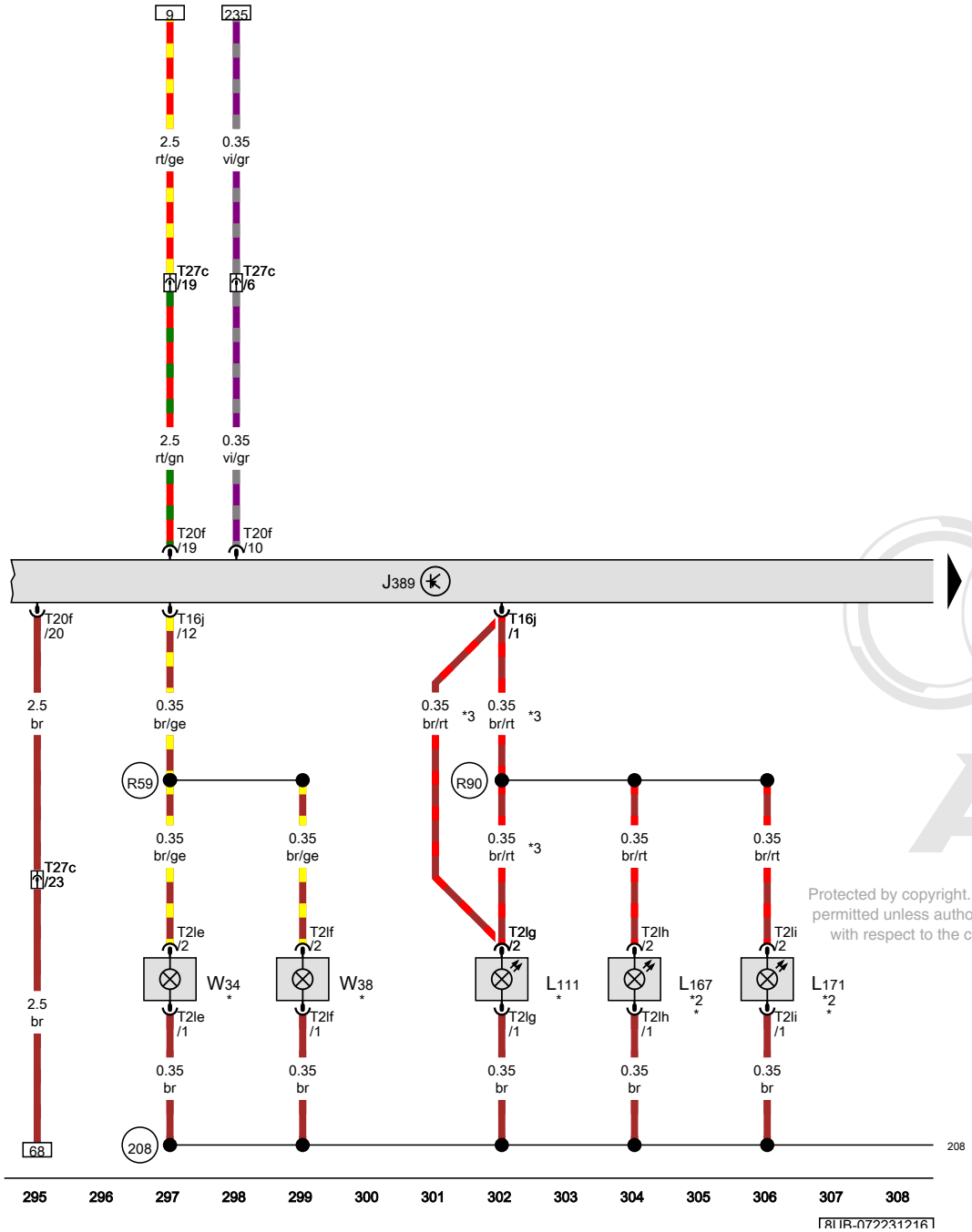
Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

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J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T2kz	2-pin connector, black
T2la	2-pin connector, brown
T2lb	2-pin connector, black
T2lc	2-pin connector, brown
T2ld	2-pin connector, black
T6g	6-pin connector
T32c	32-pin connector, black
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI



ws	=	white
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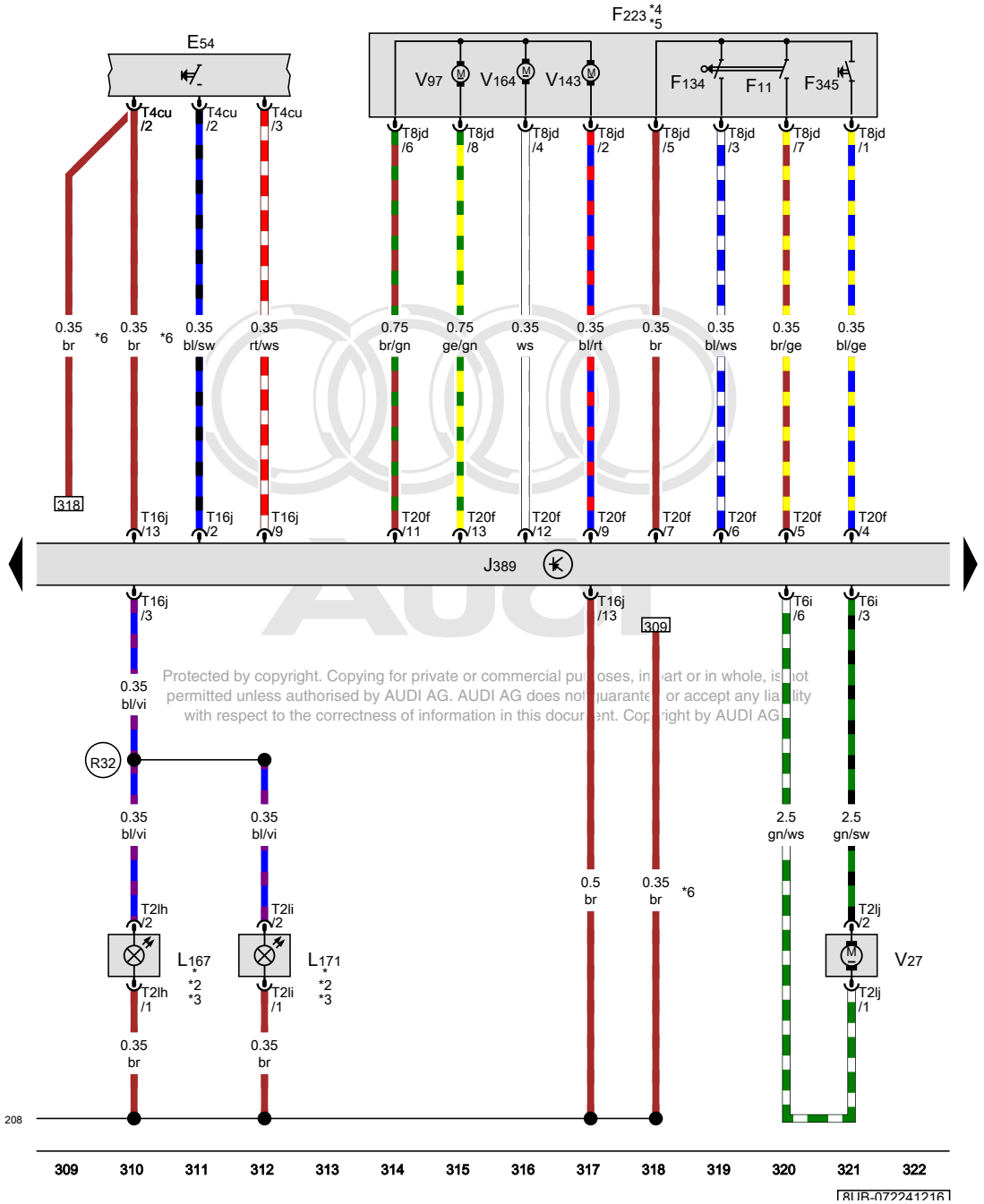


Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2le	2-pin connector, black
T2lf	2-pin connector, black
T2lg	2-pin connector, black
T2lh	2-pin connector, brown
T2li	2-pin connector, black
T16j	16-pin connector, black
T20f	20-pin connector, black
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

ws	=	white
sw	=	black
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rt	=	red
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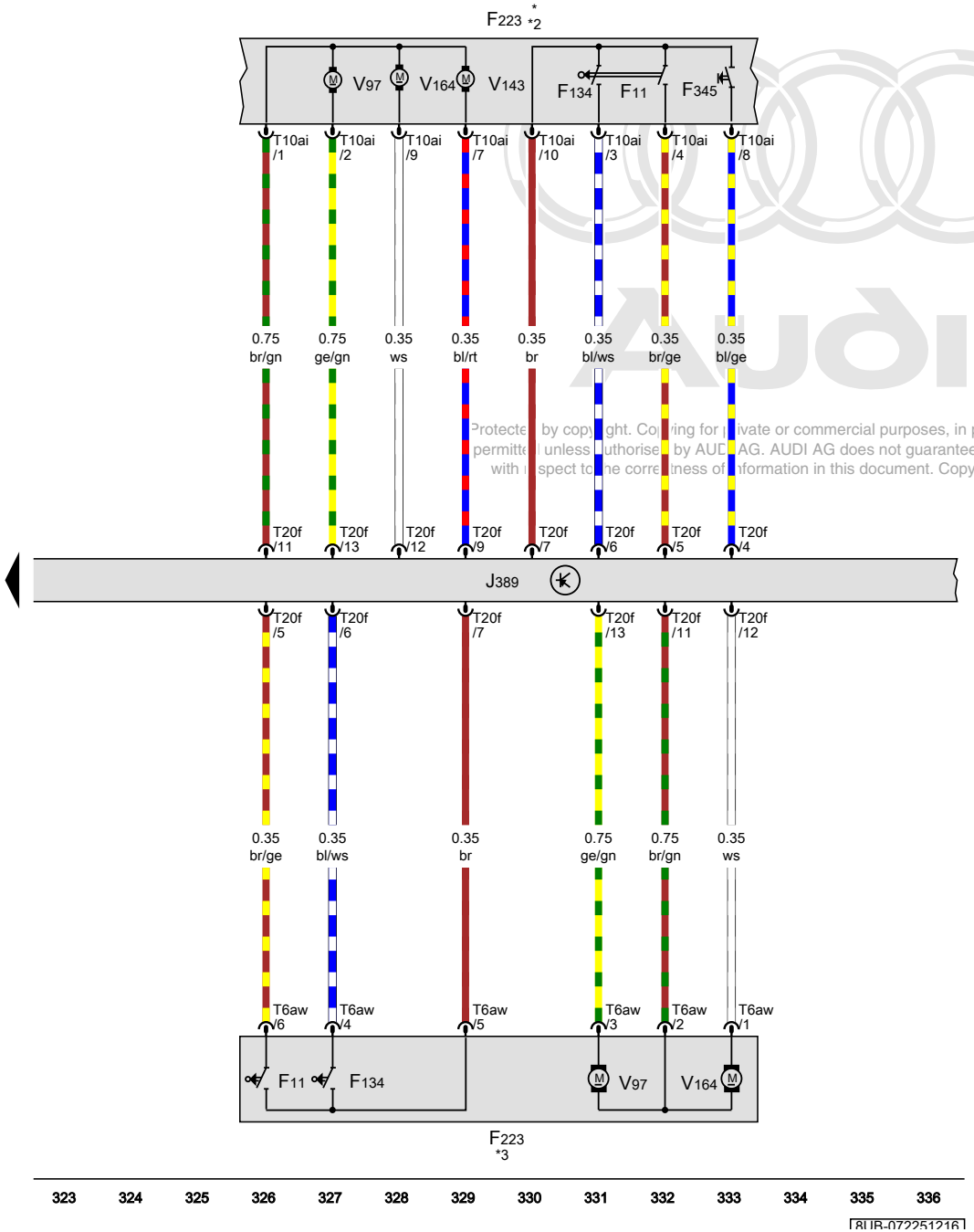


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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2lh	2-pin connector, brown
T2li	2-pin connector, black
T2lj	2-pin connector, black
T4cu	4-pin connector, brown
T6i	6-pin connector, black
T8jd	8-pin connector, black
T16j	16-pin connector, black
T20f	20-pin connector, black
V27	Rear right window regulator motor
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	From November 2015
*5	Only models with childproof locks
*6	According to equipment



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Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

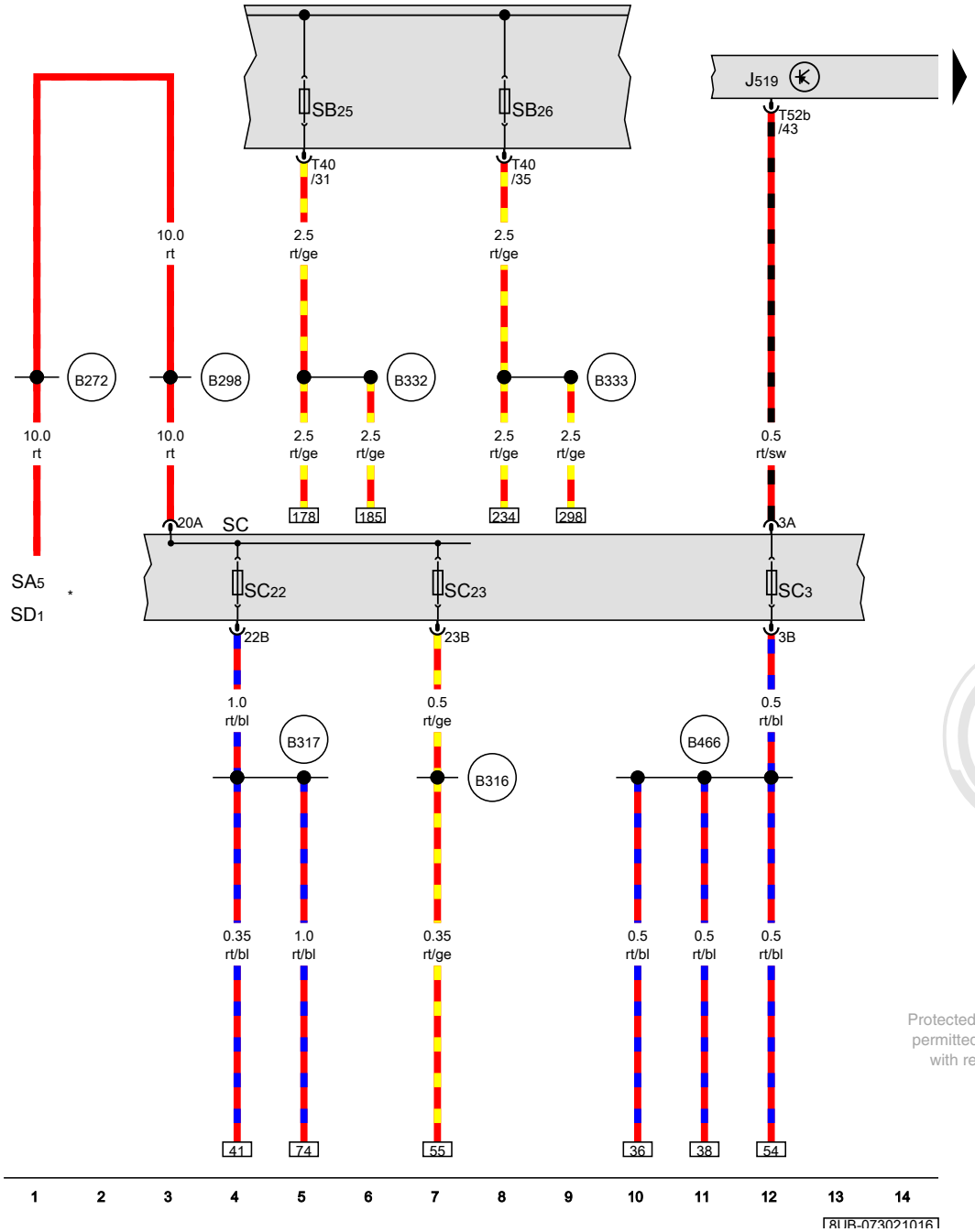
F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T6aw	6-pin connector, black
T10ai	10-pin connector, black
T20f	20-pin connector, black
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Up to October 2015
*3	Only models with no childproof locks

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Convenience system, right-hand drive , (L0R)

From November 2013

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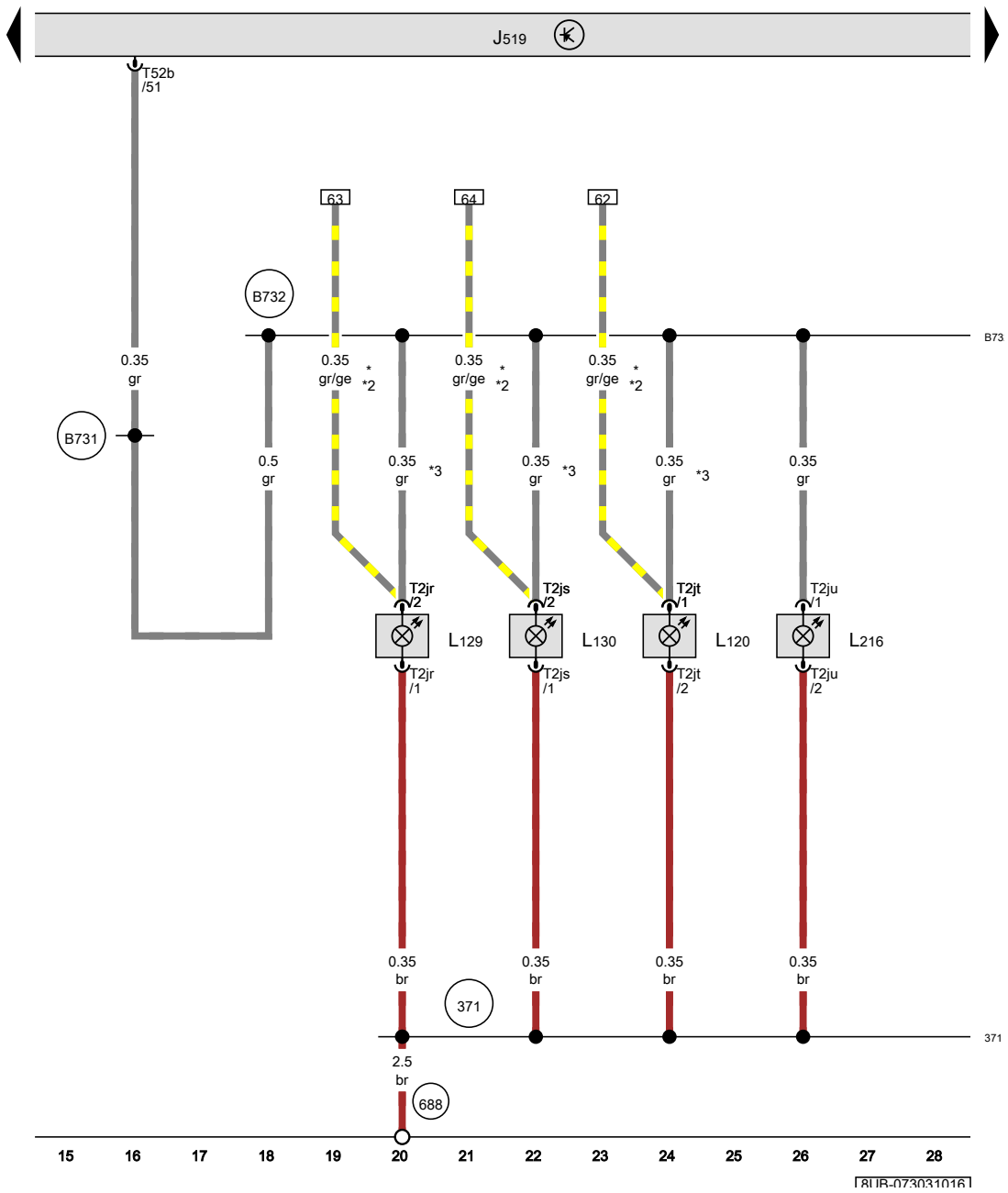


Fuse holder C

J519	Onboard supply control unit
SC	Fuse holder C
SD1	Fuse 1 on fuse holder D
SC3	Fuse 3 on fuse holder C
SA5	Fuse 5 on fuse holder A
SC22	Fuse 22 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
T40	40-pin connector, black
T52b	52-pin connector, colourless
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B317	Positive connection 3 (30a) in main wiring harness
B332	Positive connection 18 (30a) in main wiring harness
B333	Positive connection 19 (30a) in main wiring harness
B466	Connection 2, in main wiring harness
*	see applicable current flow diagram for battery

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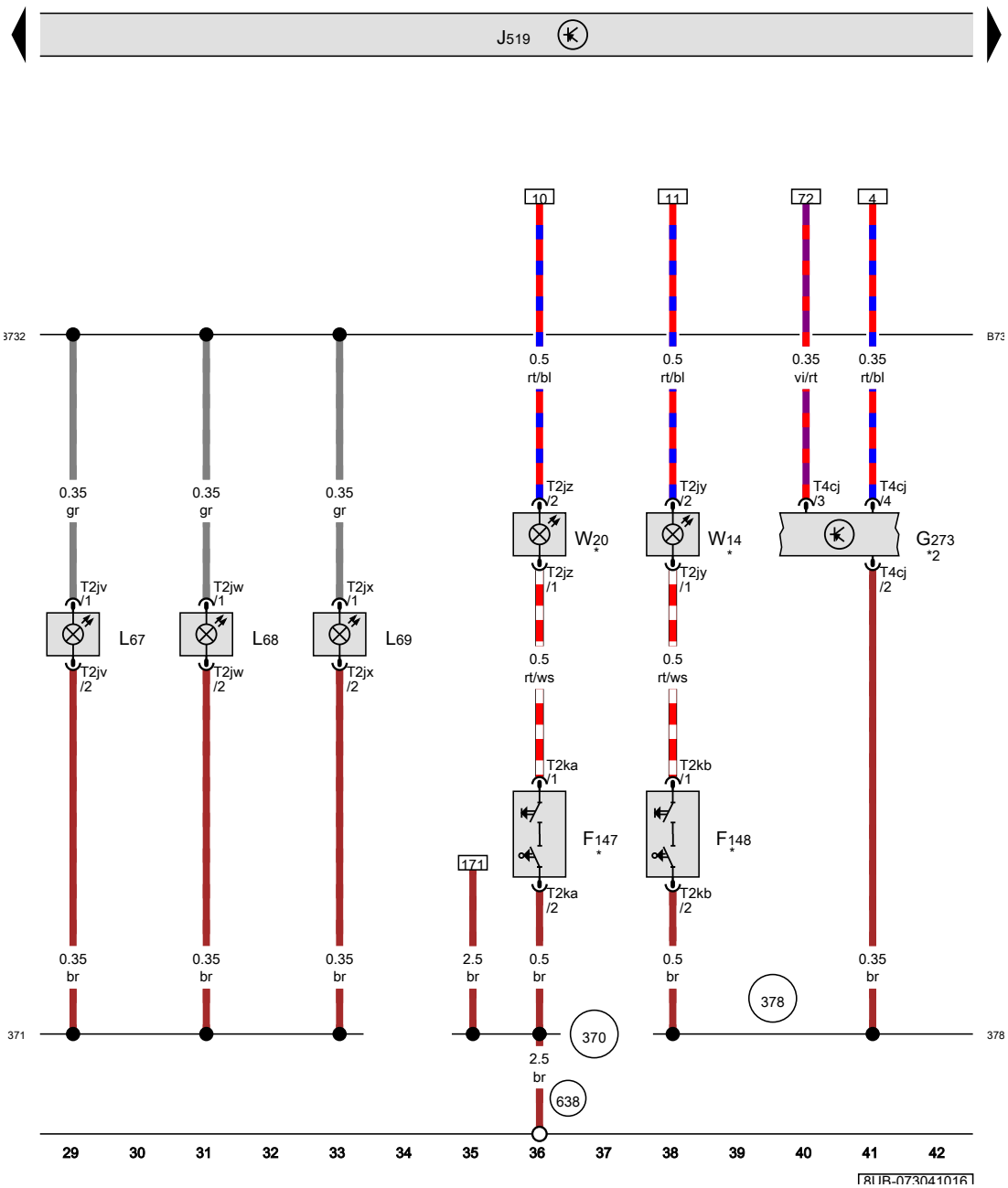


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Storage compartment illumination bulb, Left drinks holder illumination bulb, Right drinks holder illumination bulb, Rear vent illumination bulb

J519	Onboard supply control unit
L120	Storage compartment illumination bulb
L129	Left drinks holder illumination bulb
L130	Right drinks holder illumination bulb
L216	Rear vent illumination bulb
T2jr	2-pin connector, brown
T2js	2-pin connector, brown
T2jt	2-pin connector, black
T2ju	2-pin connector, black
T52b	52-pin connector, colourless
371	Earth connection 6, in main wiring harness
688	Earth point 2, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
B732	Connection 2 (58s), in main wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with radio chorus

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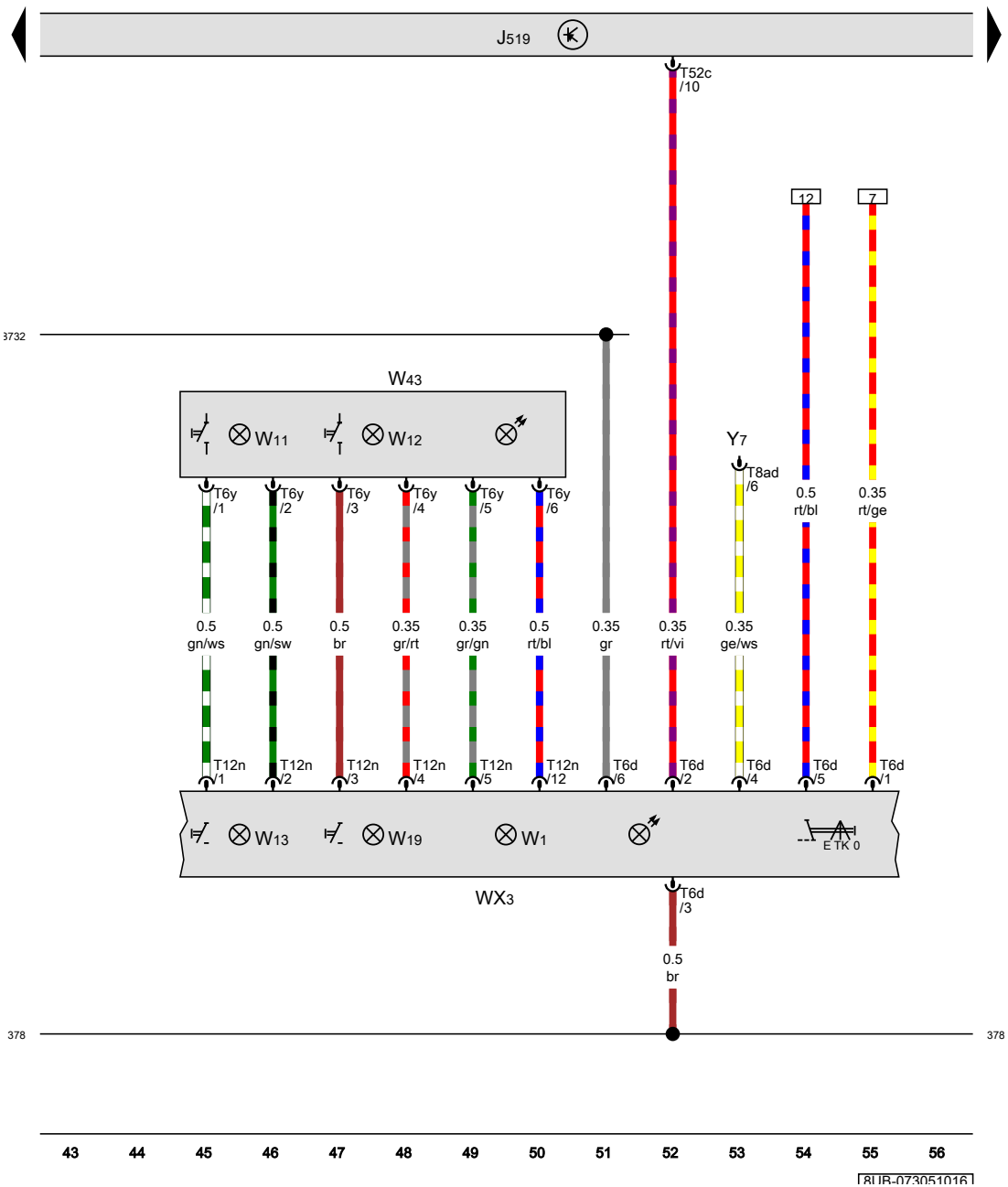


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Driver vanity mirror contact switch, Front passenger vanity mirror contact switch, Interior monitoring sensor, Dash panel left vent illumination bulb, Dash panel central vent illumination, Dash panel right vent illumination bulb, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror

F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
G273	Interior monitoring sensor
J519	Onboard supply control unit
L67	Dash panel left vent illumination bulb
L68	Dash panel central vent illumination
L69	Dash panel right vent illumination bulb
T2jv	2-pin connector, black
T2jw	2-pin connector, black
T2jx	2-pin connector, black
T2jy	2-pin connector, black
T2jz	2-pin connector, black
T2ka	2-pin connector, black
T2kb	2-pin connector, black
T4cj	4-pin connector, black
W14	Front passenger side illuminated vanity mirror
W20	Driver side illuminated vanity mirror
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
378	Earth connection 13, in main wiring harness
638	Earth point, on right A-pillar
B732	Connection 2 (58s), in main wiring harness
*	Only models with illuminated vanity mirror
*2	For models with anti-theft alarm system

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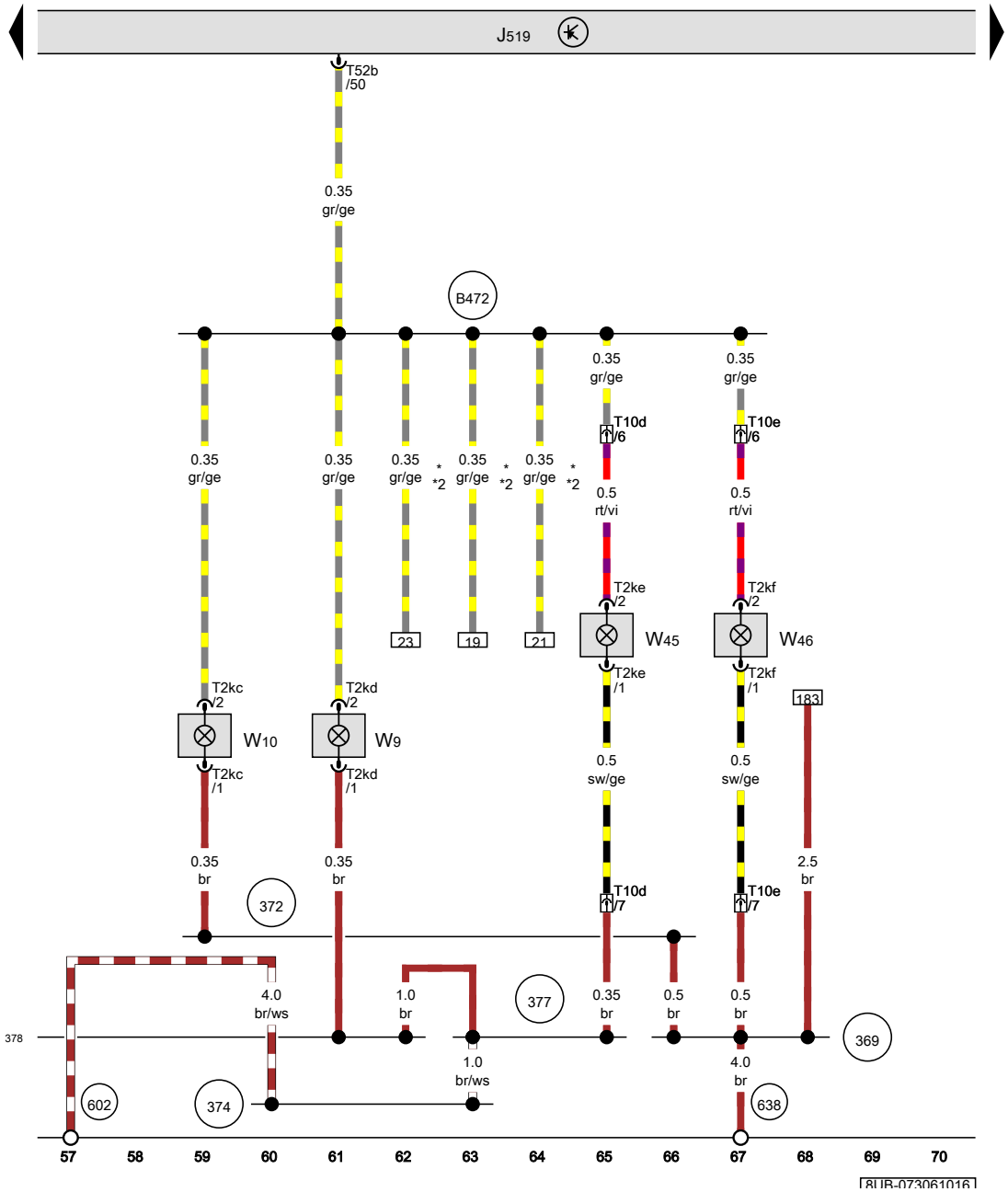


Front roof module, Rear interior light

J519	Onboard supply control unit
T6d	6-pin connector, black
T6y	6-pin connector, black
T8ad	8-pin connector, black
T12n	12-pin connector, black
T52c	52-pin connector, brown
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B732	Connection 2 (58s), in main wiring harness

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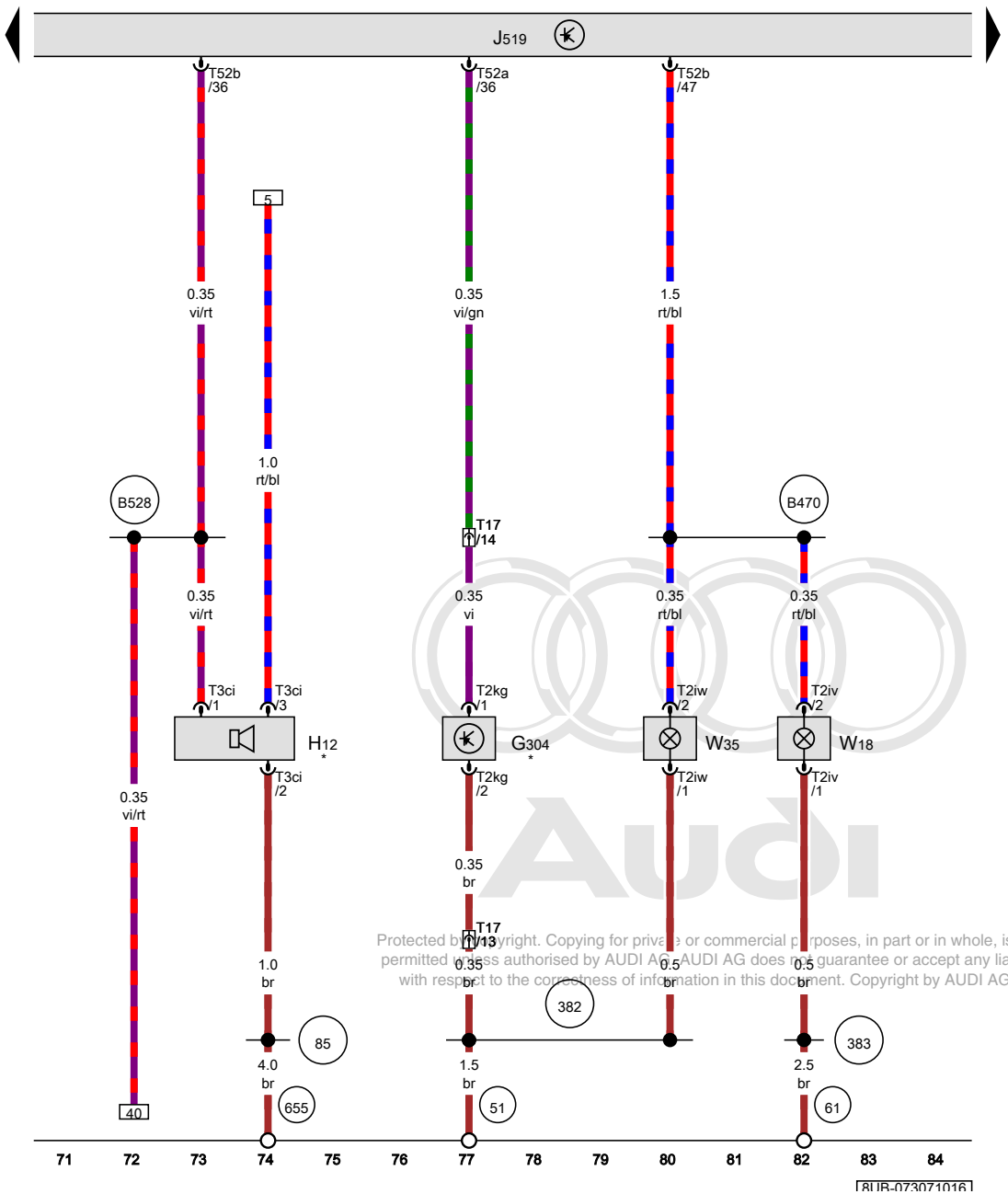


Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

J519	Onboard supply control unit
T2kc	2-pin connector, black
T2kd	2-pin connector, black
T2ke	2-pin connector, black
T2kf	2-pin connector, black
T10d	10-pin connector, in coupling point for front seat, left
T10e	10-pin connector, in coupling point for front seat, right
T52b	52-pin connector, colourless
W9	Left footwell light
W10	Right footwell light
W45	Rear left footwell light
W46	Rear right footwell light
369	Earth connection 4, in main wiring harness
372	Earth connection 7, in main wiring harness
374	Earth connection 9, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar
B472	Connection 8, in main wiring harness
*	Only models with radio concert
*2	Only models with MMI

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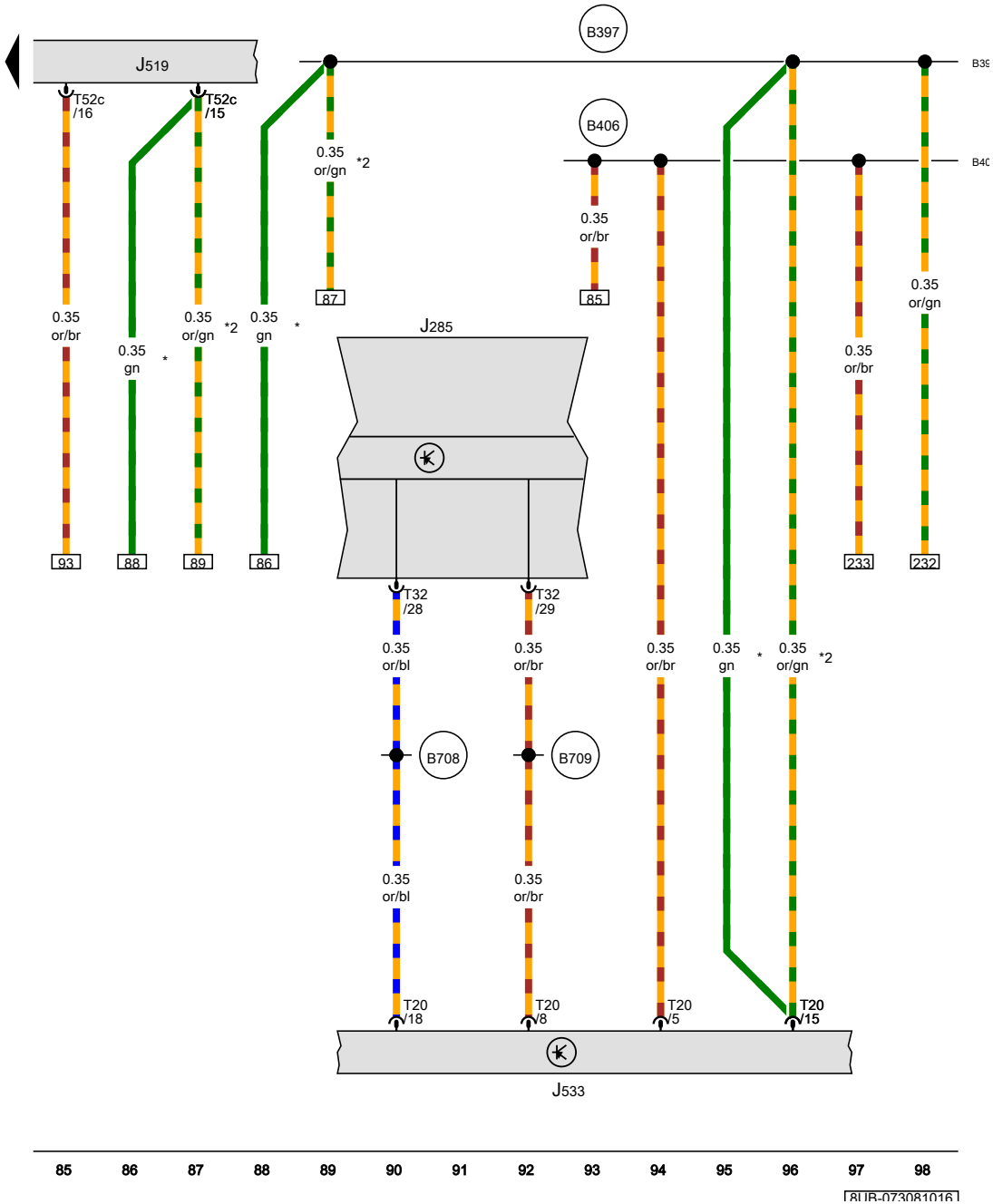


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Glass breakage sensor for rear window, Alarm horn, Luggage compartment light on left, Right luggage compartment light

G304	Glass breakage sensor for rear window
H12	Alarm horn
J519	Onboard supply control unit
T2iv	2-pin connector, black
T2iw	2-pin connector, black
T2kg	2-pin connector, black
T3ci	3-pin connector, black
T17	17-pin connector, Coupling point for rear lid
T52a	52-pin connector, black
T52b	52-pin connector, colourless
W18	Luggage compartment light on left
W35	Right luggage compartment light
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
85	Earth connection 1, in engine compartment wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
655	Earth point, on left headlight
B470	Connection 6, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
*	For models with anti-theft alarm system



Control unit in dash panel insert, Data bus diagnostic interface

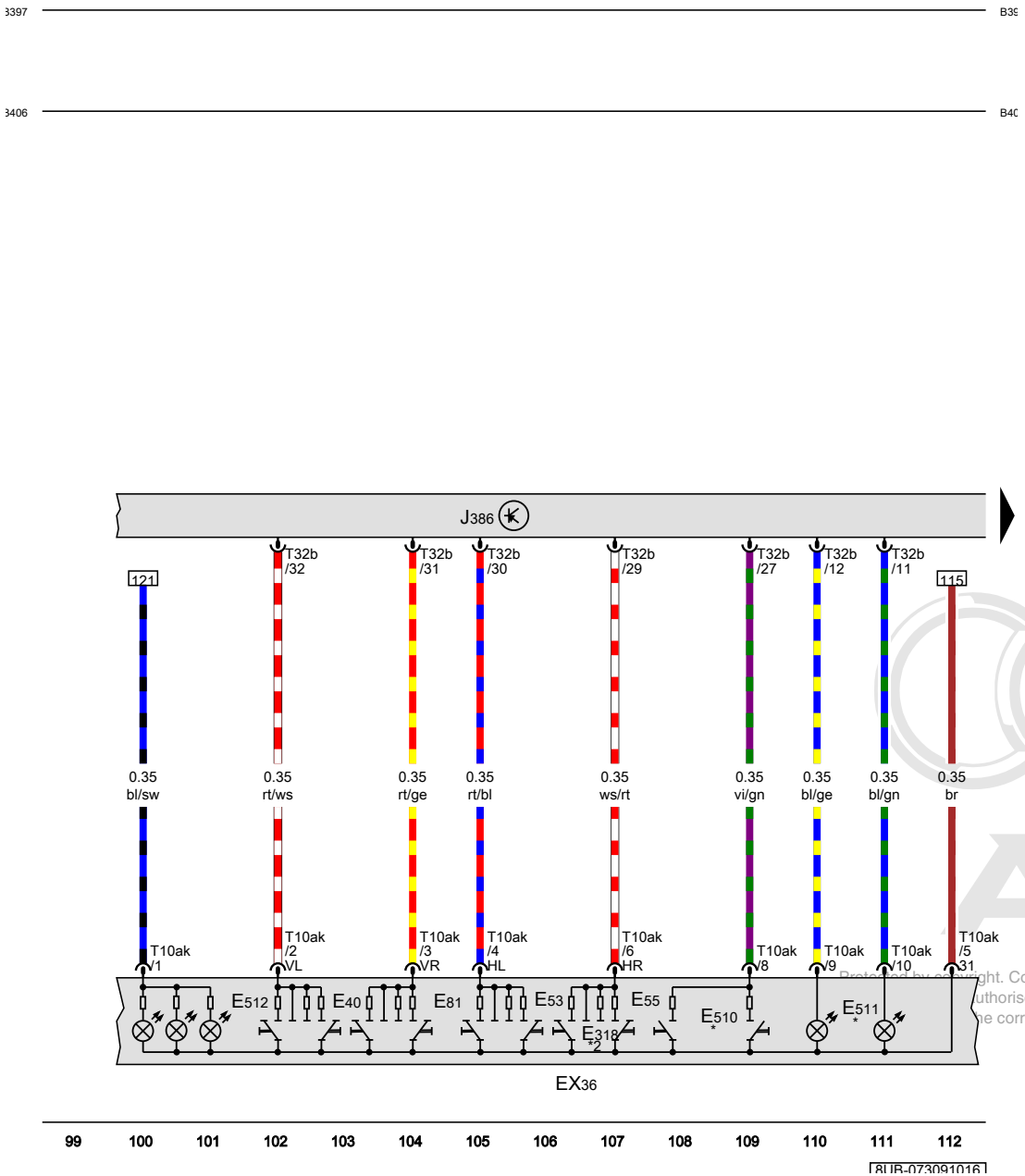
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T20	20-pin connector, red
T32	32-pin connector, blue
T52c	52-pin connector, brown
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	From November 2016
*2	Up to October 2016

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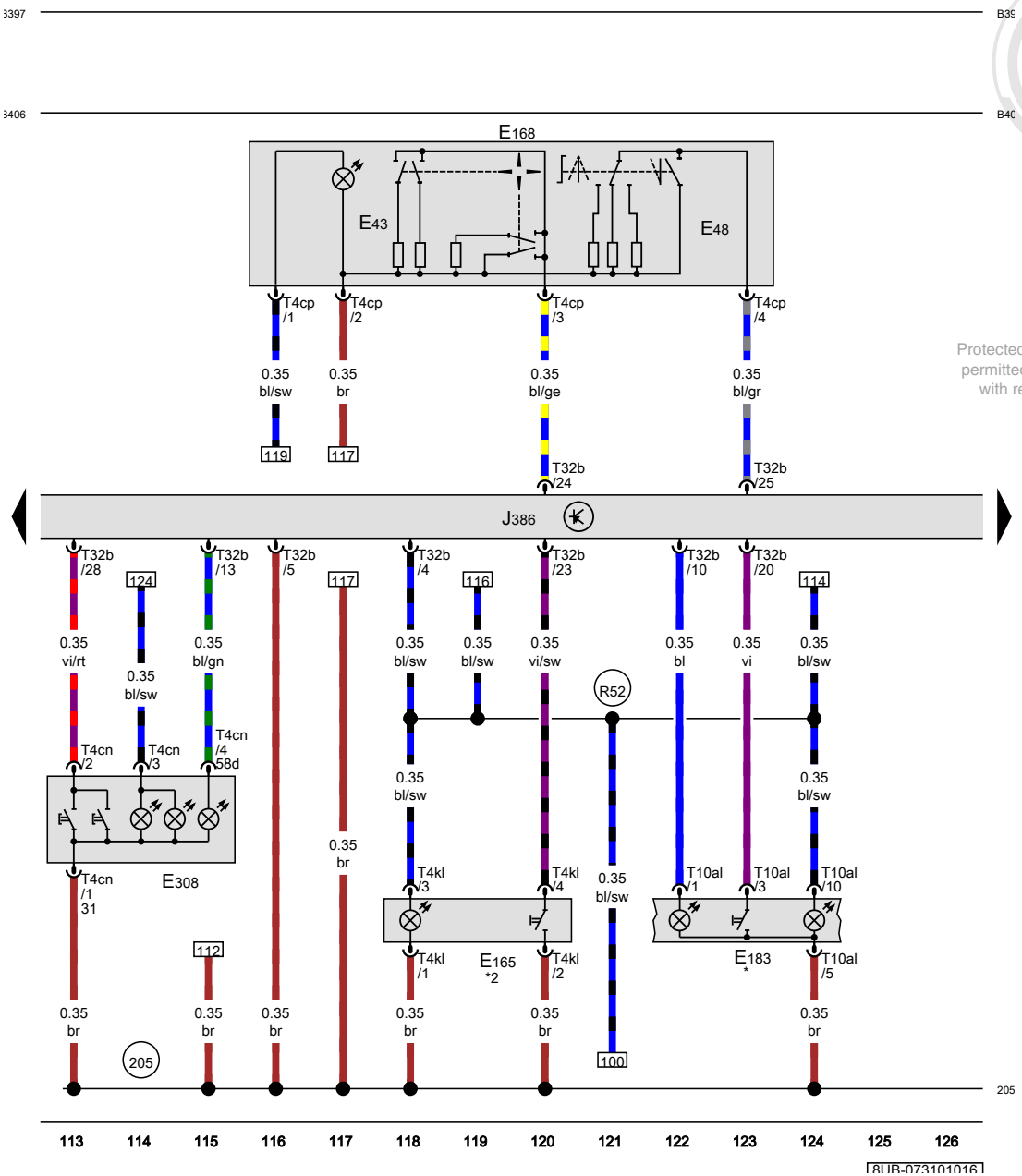
Operating unit for window regulator in driver door, Front left window regulator switch, Rear left window regulator switch, in driver door, Rear right window regulator switch, in driver door, Front right window regulator switch in driver door, Button for left childproof lock, Button for right childproof lock, Driver door control unit

EX36	Operating unit for window regulator in driver door
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
E510	Button for left childproof lock
E511	Button for right childproof lock
E512	Operating unit for window regulator in driver door
J386	Driver door control unit
T10ak	10-pin connector, black
T32b	32-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	Only models with childproof locks
*2	Only models with no childproof locks



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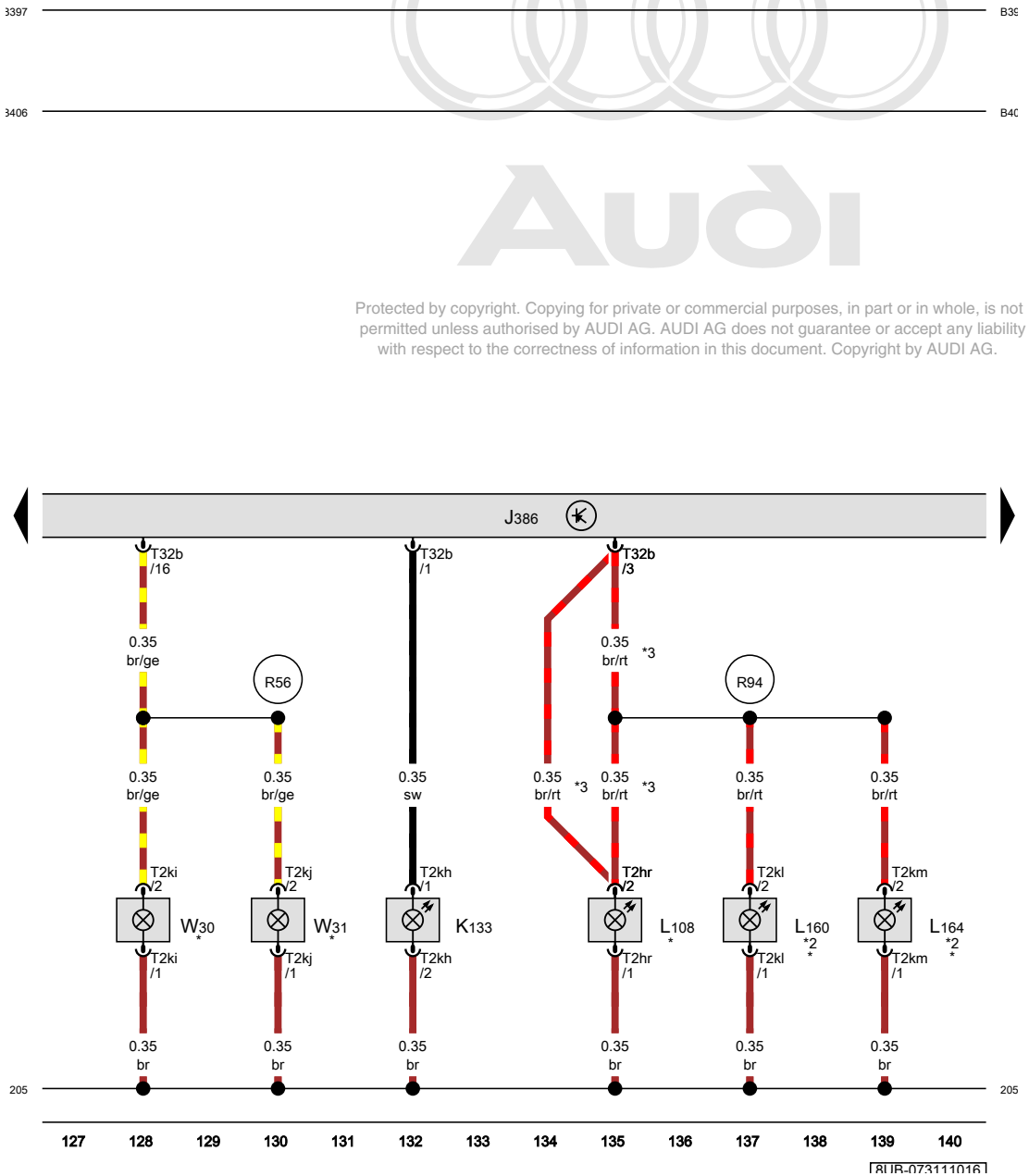
Mirror adjustment switch, Mirror adjustment changeover switch, Rear lid release switch, Adjustment switch for mirror with fold-in feature, Interior monitoring switch, Driver side interior locking button for central locking system, Driver door control unit

E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E165	Rear lid release switch
E168	Adjustment switch for mirror with fold-in feature
E183	Interior monitoring switch
E308	Driver side interior locking button for central locking system
J386	Driver door control unit
T4cn	4-pin connector, brown
T4cp	4-pin connector, brown
T4kl	4-pin connector, black
T10al	10-pin connector, black
T32b	32-pin connector, black
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R52	Connection (58s), in driver side door wiring harness
*	Only models with interior monitor
*2	If fitted

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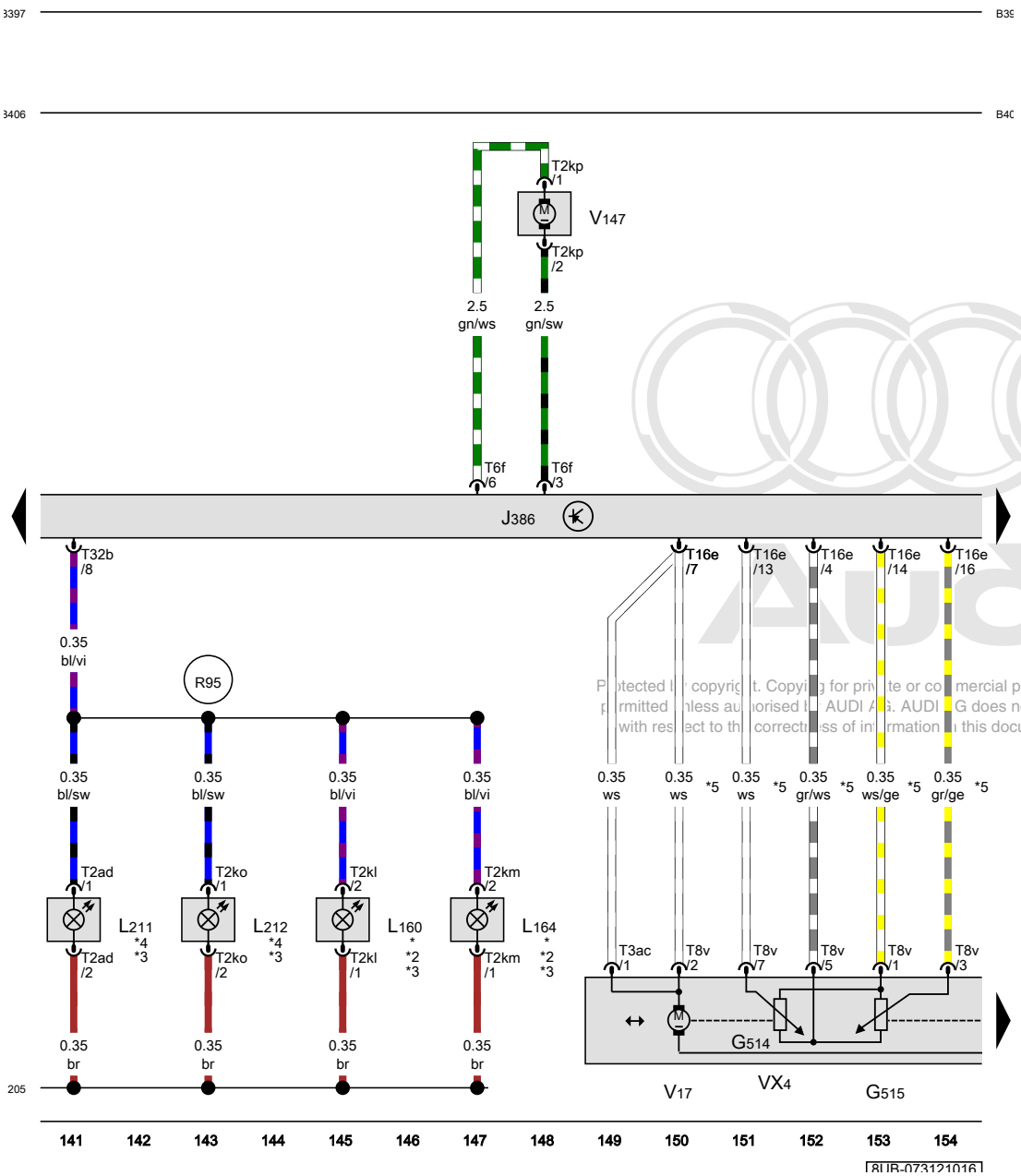
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Driver door control unit, Central locking SAFELOCK function warning lamp, Driver door opener illumination bulb, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Driver side door warning lamp, Front left entry light

J386	Driver door control unit
K133	Central locking SAFELOCK function warning lamp
L108	Driver door opener illumination bulb
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
T2hr	2-pin connector, black
T2kh	2-pin connector, black
T2ki	2-pin connector, black
T2kj	2-pin connector, black
T2kl	2-pin connector, black
T2km	2-pin connector, brown
T32b	32-pin connector, black
W30	Driver side door warning lamp
W31	Front left entry light
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R56	Connection (entry light), in driver door wiring harness
R94	Connection 1 in driver side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

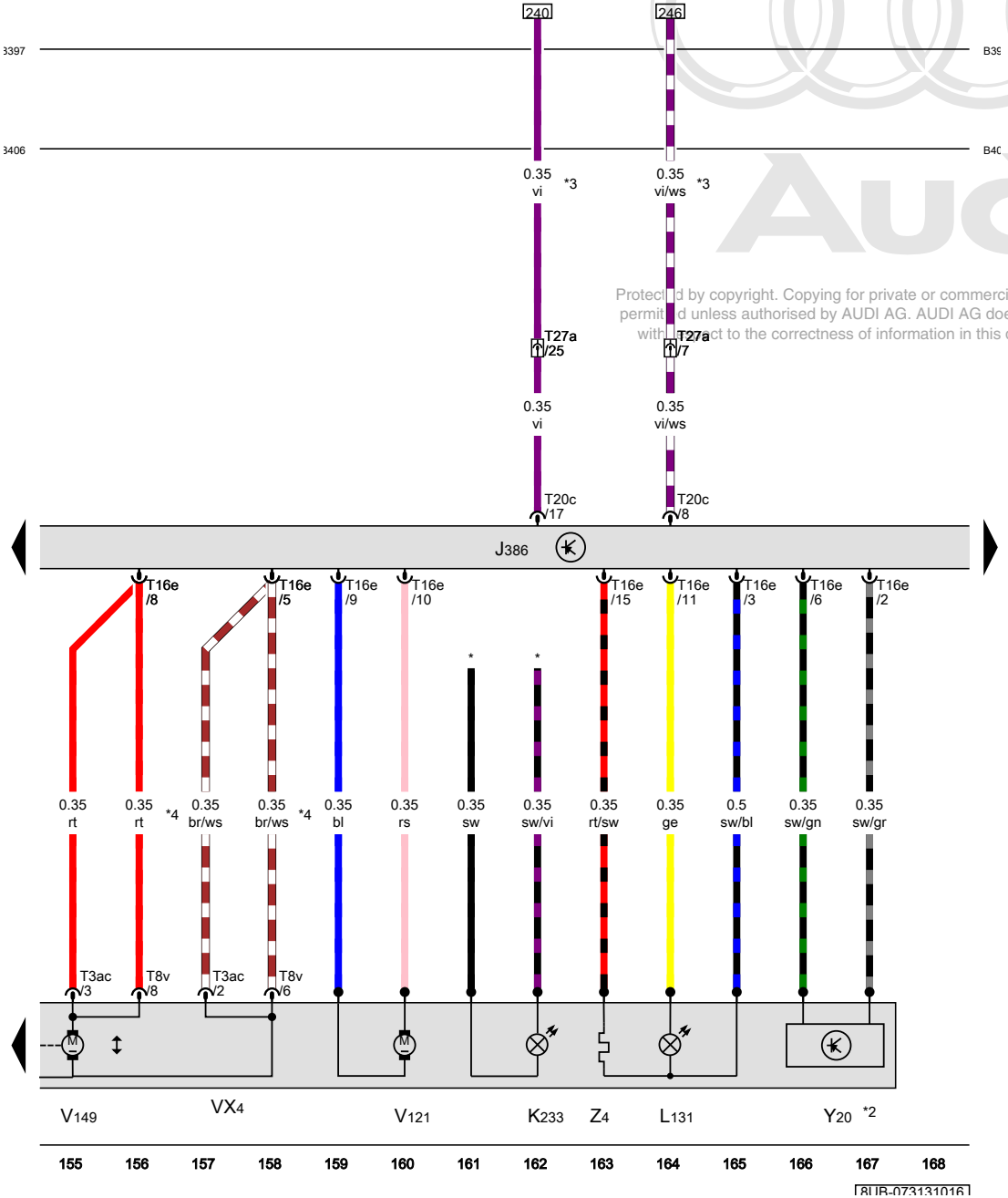


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Driver door control unit, Driver door storage compartment illumination bulb, Driver door ambient lighting bulb, Loudspeaker background lighting bulb 1, Loudspeaker background lighting bulb 2, Driver side exterior mirror, Driver side mirror adjustment motor 2, Driver side window regulator motor

G514	Potentiometer for horizontal adjustment of driver side mirror
G515	Potentiometer for vertical adjustment of driver side mirror
J386	Driver door control unit
L160	Driver door storage compartment illumination bulb
L164	Driver door ambient lighting bulb
L211	Loudspeaker background lighting bulb 1
L212	Loudspeaker background lighting bulb 2
T2ad	2-pin connector, brown
T2kl	2-pin connector, black
T2km	2-pin connector, brown
T2ko	2-pin connector, brown
T2kp	2-pin connector, black
T3ac	3-pin connector, black
T6f	6-pin connector
T8v	8-pin connector
T16e	16-pin connector, black
T32b	32-pin connector, black
VX4	Driver side exterior mirror
V17	Driver side mirror adjustment motor 2
V147	Driver side window regulator motor
205	Earth connection, in driver door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
R95	Connection 2 in driver side door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with BOSE sound system
*5	Only models with electric seat adjustment and memory function

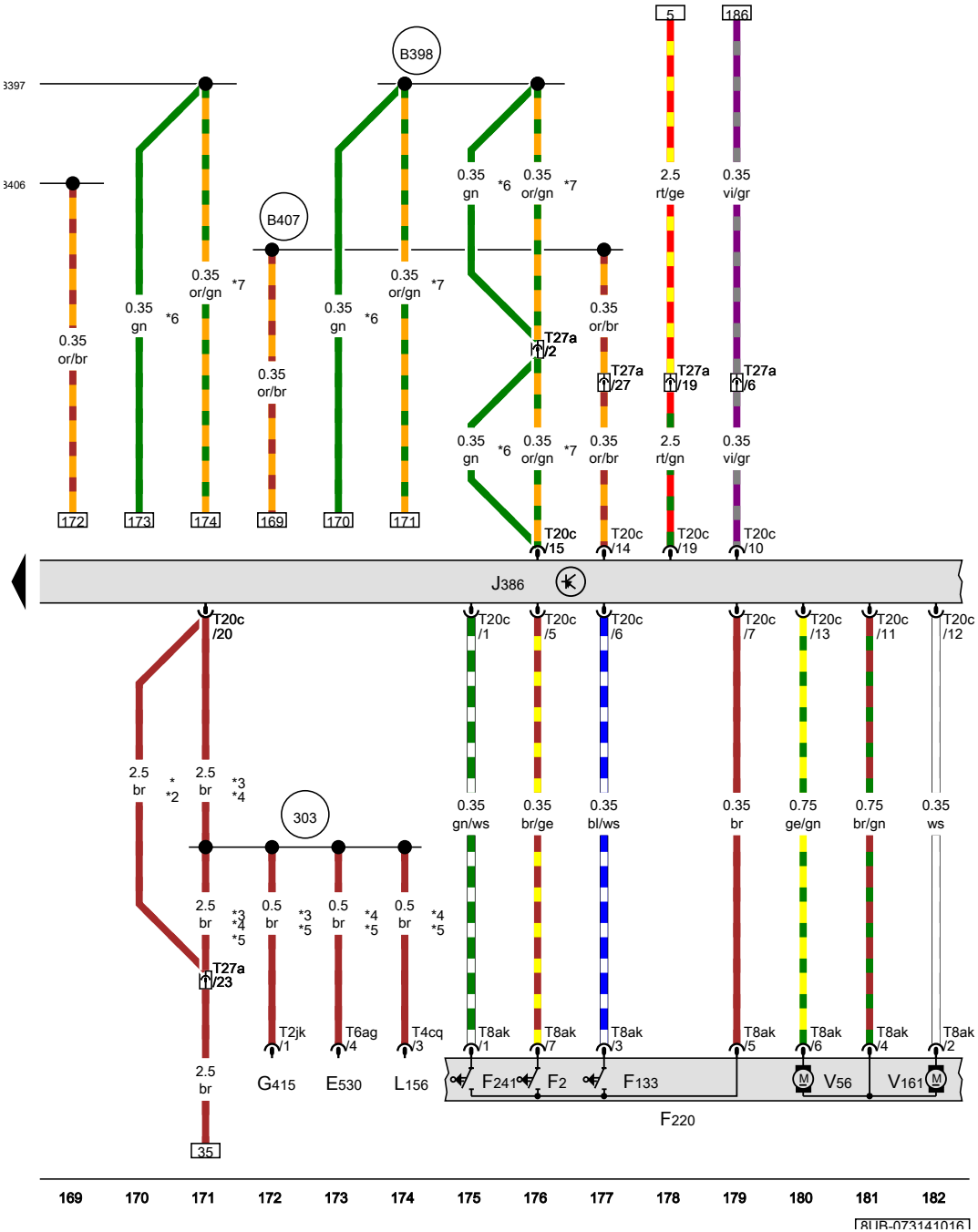


Driver door control unit, Lane change assist warning lamp in driver side exterior mirror, Driver side turn signal repeater bulb, Driver side exterior mirror, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Heated exterior mirror on driver side

J386	Driver door control unit
K233	Lane change assist warning lamp in driver side exterior mirror
L131	Driver side turn signal repeater bulb
T3ac	3-pin connector, black
T8v	8-pin connector
T16e	16-pin connector, black
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
VX4	Driver side exterior mirror
V121	Driver side fold-in mirror motor
V149	Driver side mirror adjustment motor
Y20	Automatic anti-dazzle exterior mirror, driver side
Z4	Heated exterior mirror on driver side
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle exterior mirror
*3	Only models with automatic anti-dazzle interior mirror
*4	Only models with electric seat adjustment and memory function

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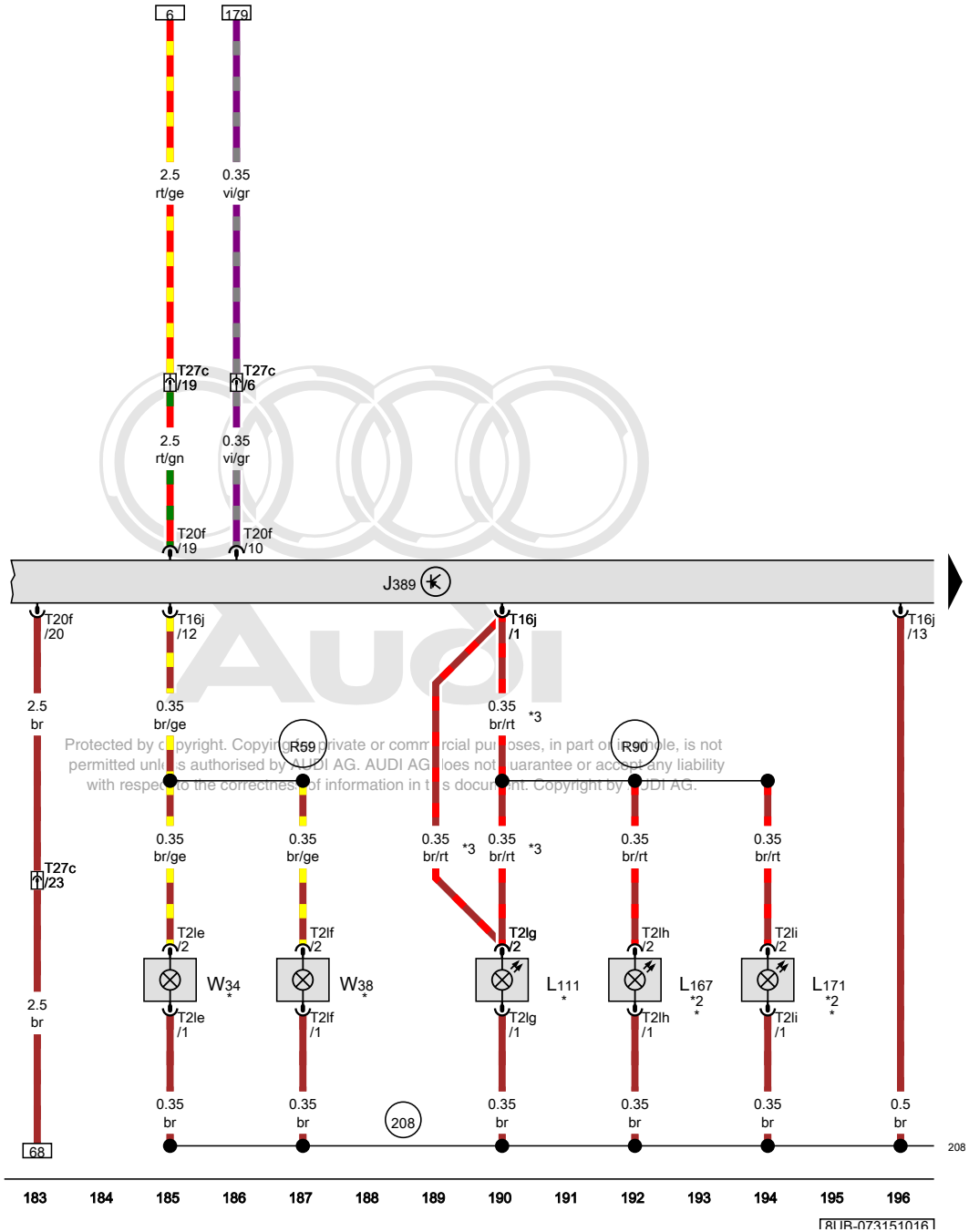


Driver side central locking lock unit, Driver door control unit

E530	Button for lane change assist
F2	Driver door contact switch
F133	Front right central locking actuator
F220	Driver side central locking lock unit
F241	Driver side contact switch in lock cylinder
G415	Driver door exterior handle contact sensor
J386	Driver door control unit
L156	Switch illumination bulb
T2jk	2-pin connector, black
T4cq	4-pin connector, black
T6ag	6-pin connector, black
T8ak	8-pin connector, black
T20c	20-pin connector
T27a	27-pin connector, on right A-pillar
V56	Driver door central locking motor
V161	Driver door central locking SAFELOCK function motor
303	Earth connection 3, in drive side door wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with no entry and start authorisation
*2	According to equipment
*3	Only models with entry and start authorisation
*4	Only models with lane change assist
*5	see applicable current flow diagram
*6	From November 2016
*7	Up to October 2016

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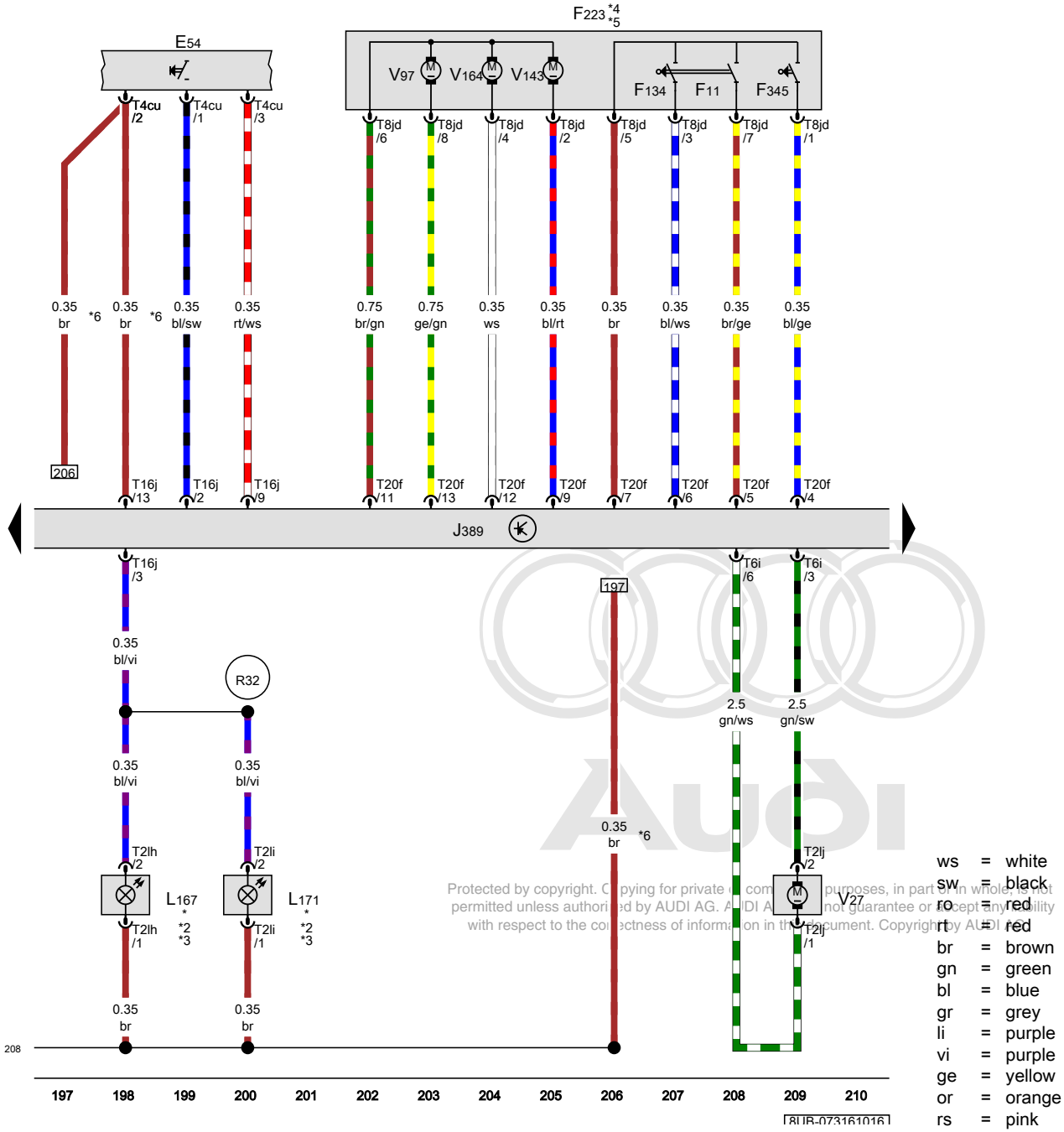


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Rear right door control unit, Rear right door opener illumination bulb, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right entry light, Rear right door warning lamp

J389	Rear right door control unit
L111	Rear right door opener illumination bulb
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2le	2-pin connector, black
T2lf	2-pin connector, black
T2lg	2-pin connector, black
T2lh	2-pin connector, brown
T2li	2-pin connector, black
T16j	16-pin connector, black
T20f	20-pin connector, black
T27c	27-pin connector, on right B-pillar
W34	Rear right entry light
W38	Rear right door warning lamp
208	Earth connection, in rear right door wiring harness
R59	Connection (entry light), in rear right door wiring harness
R90	Connection 1, in rear right door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

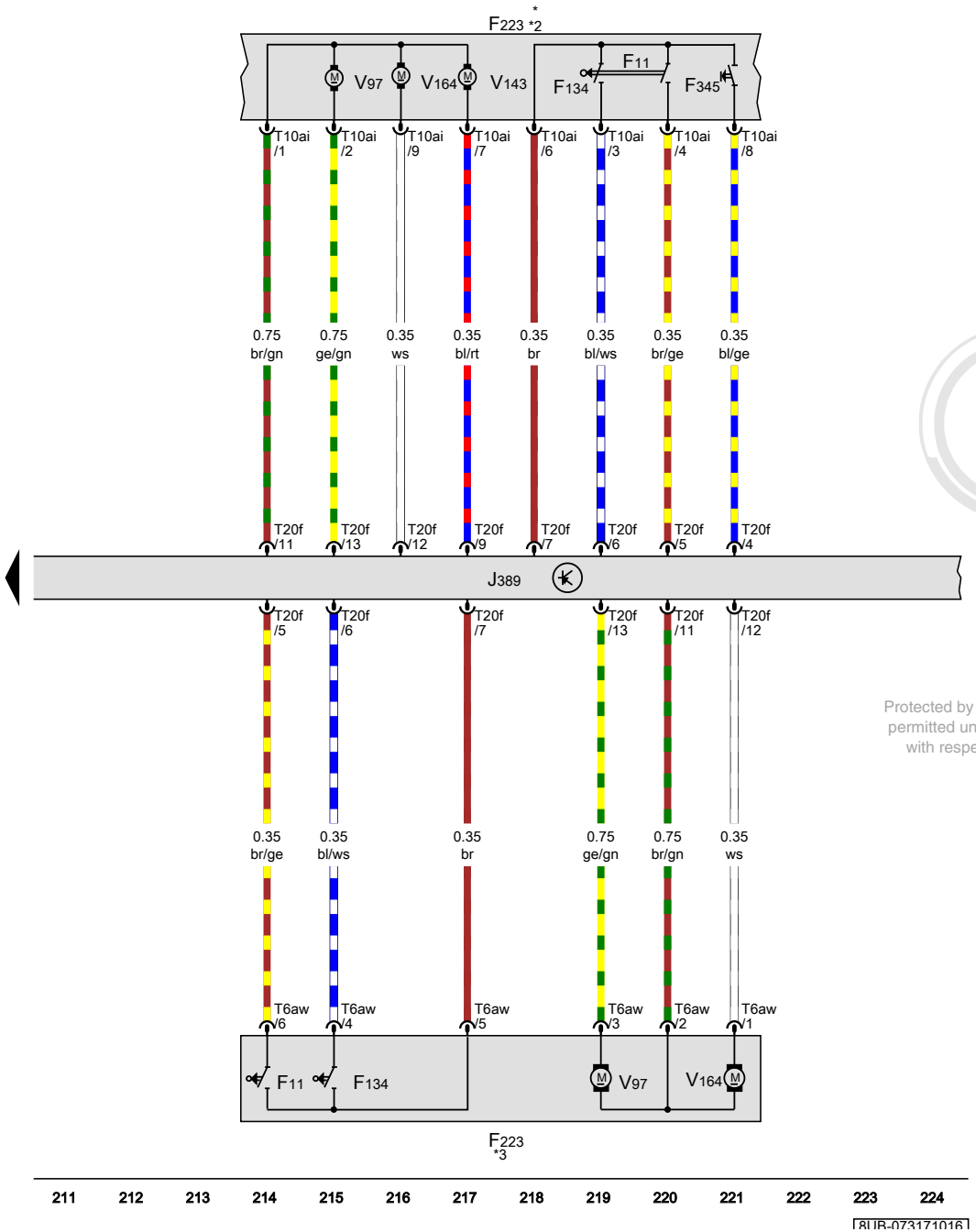


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Rear right window regulator switch, in door, Rear right door control unit, Rear right door ambient lighting bulb, Rear right door storage compartment illumination bulb, Rear right window regulator motor

E54	Rear right window regulator switch, in door
F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
L167	Rear right door ambient lighting bulb
L171	Rear right door storage compartment illumination bulb
T2lh	2-pin connector, brown
T2li	2-pin connector, black
T2lj	2-pin connector, black
T4cu	4-pin connector, brown
T6i	6-pin connector, black
T8jd	8-pin connector, black
T16j	16-pin connector, black
T20f	20-pin connector, black
V27	Rear right window regulator motor
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
208	Earth connection, in rear right door wiring harness
R32	Connection 2, in rear right door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	From November 2015
*5	Only models with childproof locks
*6	According to equipment

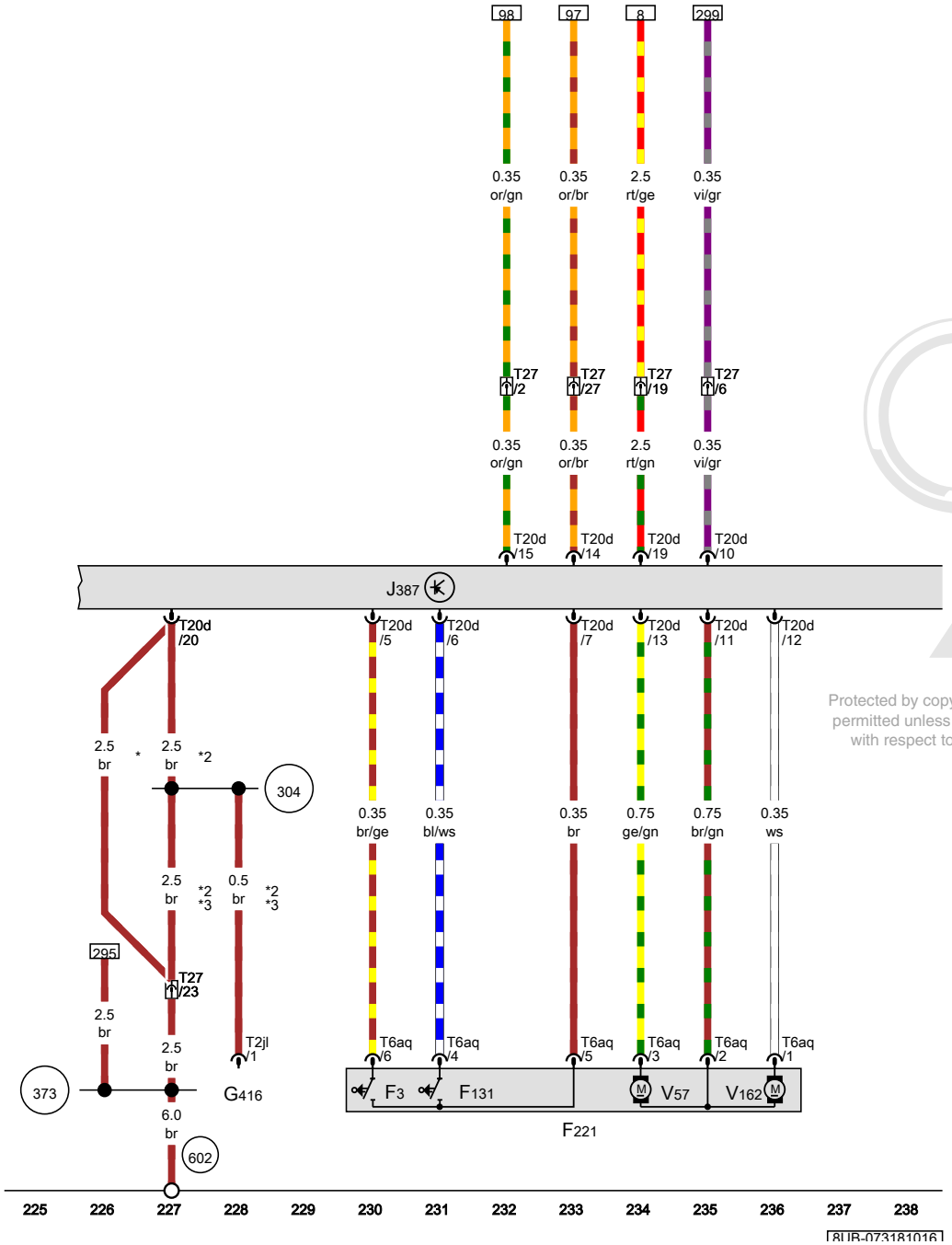


Rear right central locking lock unit, Rear right childproof lock contact switch, Rear right door control unit, Rear right childproof lock motor

F11	Rear right door contact switch
F134	Rear right central locking actuator
F223	Rear right central locking lock unit
F345	Rear right childproof lock contact switch
J389	Rear right door control unit
T6aw	6-pin connector, black
T10ai	10-pin connector, black
T20f	20-pin connector, black
V97	Rear right door central locking motor
V143	Rear right childproof lock motor
V164	Rear right door central SAFELOCK function locking motor
*	Only models with childproof locks
*2	Up to October 2015
*3	Only models with no childproof locks

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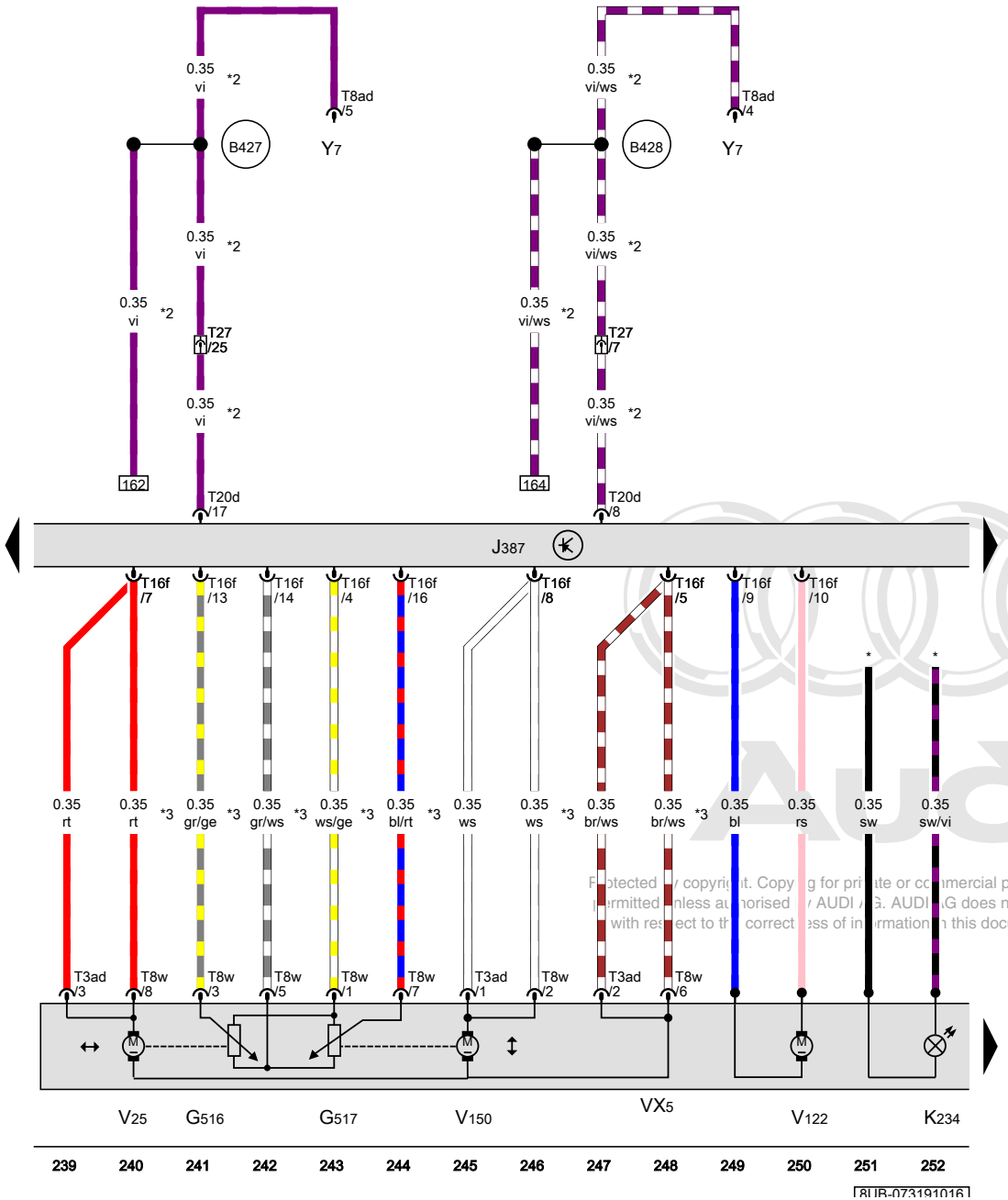


Front passenger side central locking lock unit, Front passenger door control unit

F3	Front passenger door contact switch
F131	Front left central locking actuator
F221	Front passenger side central locking lock unit
G416	Front passenger door exterior handle contact sensor
J387	Front passenger door control unit
T2jl	2-pin connector, black
T6aq	6-pin connector, black
T20d	20-pin connector, black
T27	27-pin connector, on left A-pillar
V57	Front passenger door central locking motor
V162	Front passenger door central locking SAFELOCK function motor
304	Earth connection 3, in front passenger side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
*	Only models with no entry and start authorisation
*2	Only models with entry and start authorisation
*3	see applicable current flow diagram

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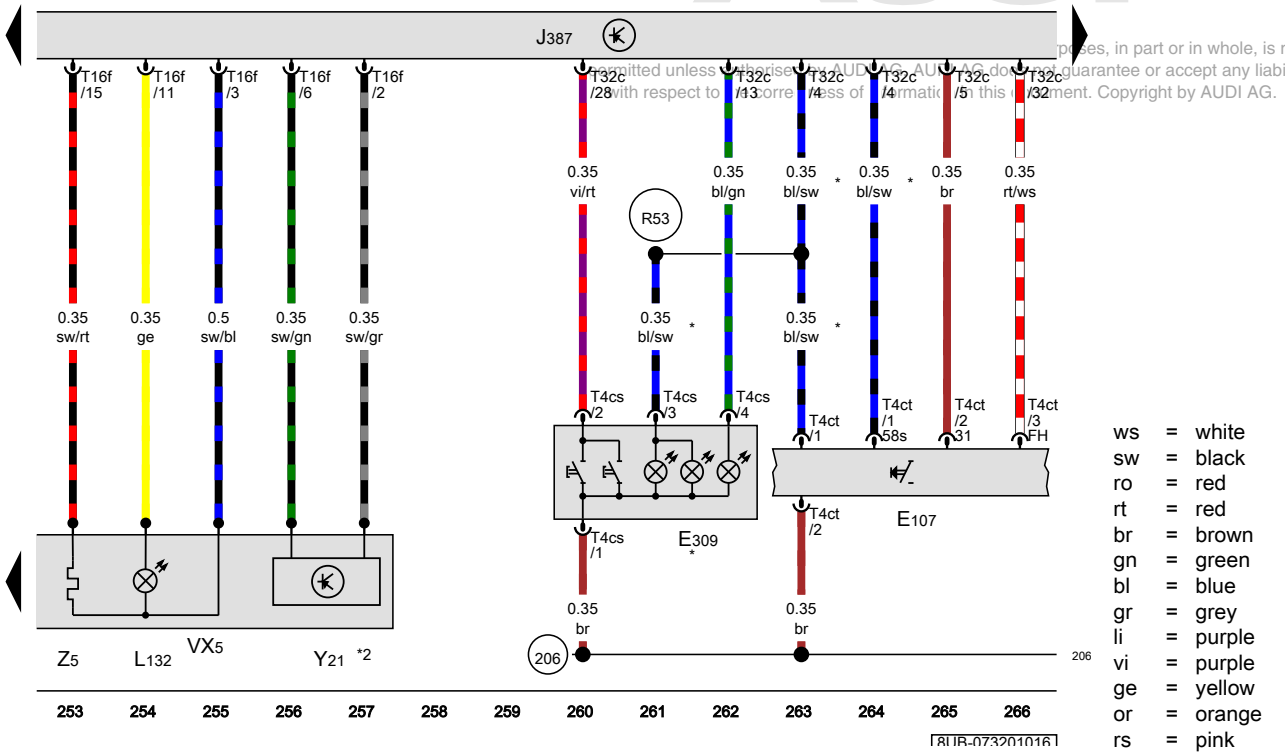
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Front passenger door control unit, Lane change assist warning lamp in passenger side exterior mirror, Passenger side exterior mirror, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror 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
K234	Lane change assist warning lamp in passenger side exterior mirror
T3ad	3-pin connector, black
T8ad	8-pin connector, black
T8w	8-pin connector
T16f	16-pin connector, black
T20d	20-pin connector, black
T27	27-pin connector, on left A-pillar
VX5	Passenger side exterior mirror
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
B427	Connection 1 (mirror signal), in main wiring harness
B428	Connection 2 (mirror signal), in main wiring harness
*	see applicable current flow diagram for lane change assist
*2	Only models with automatic anti-dazzle interior mirror
*3	Only models with electric seat adjustment and memory function

Window regulator switch in front passenger door, Front passenger side interior locking button for central locking system, Front passenger door control unit, Front passenger side turn signal repeater bulb, Passenger side exterior mirror, Heated exterior mirror on passenger side

E107	Window regulator switch in front passenger door
E309	Front passenger side interior locking button for central locking system
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T4cs	4-pin connector, brown
T4ct	4-pin connector, brown
T16f	16-pin connector, black
T32c	32-pin connector, black
VX5	Passenger side exterior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side
206	Earth connection, in front passenger door wiring harness
R53	Connection (58s), in driver side door wiring harness
*	According to equipment
*2	Only models with automatic anti-dazzle exterior mirror

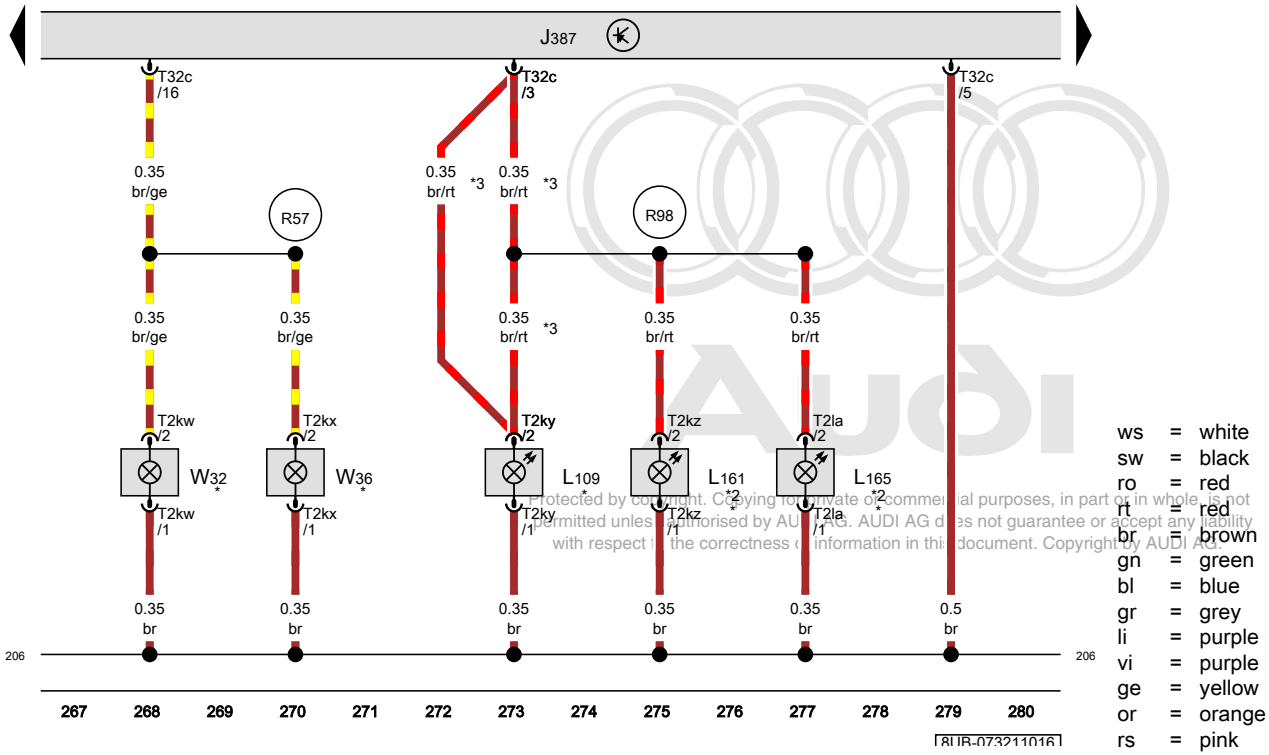


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Front passenger door control unit, Front passenger door opener illumination bulb, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Front right entry light, Front passenger side door warning lamp

J387	Front passenger door control unit
L109	Front passenger door opener illumination bulb
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
T2kw	2-pin connector, black
T2kx	2-pin connector, black
T2ky	2-pin connector, black
T2kz	2-pin connector, black
T2la	2-pin connector, brown
T32c	32-pin connector, black
W32	Front right entry light
W36	Front passenger side door warning lamp
206	Earth connection, in front passenger door wiring harness
R57	Connection (entry light), in front passenger door wiring harness
R98	Connection 1 in front passenger side door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

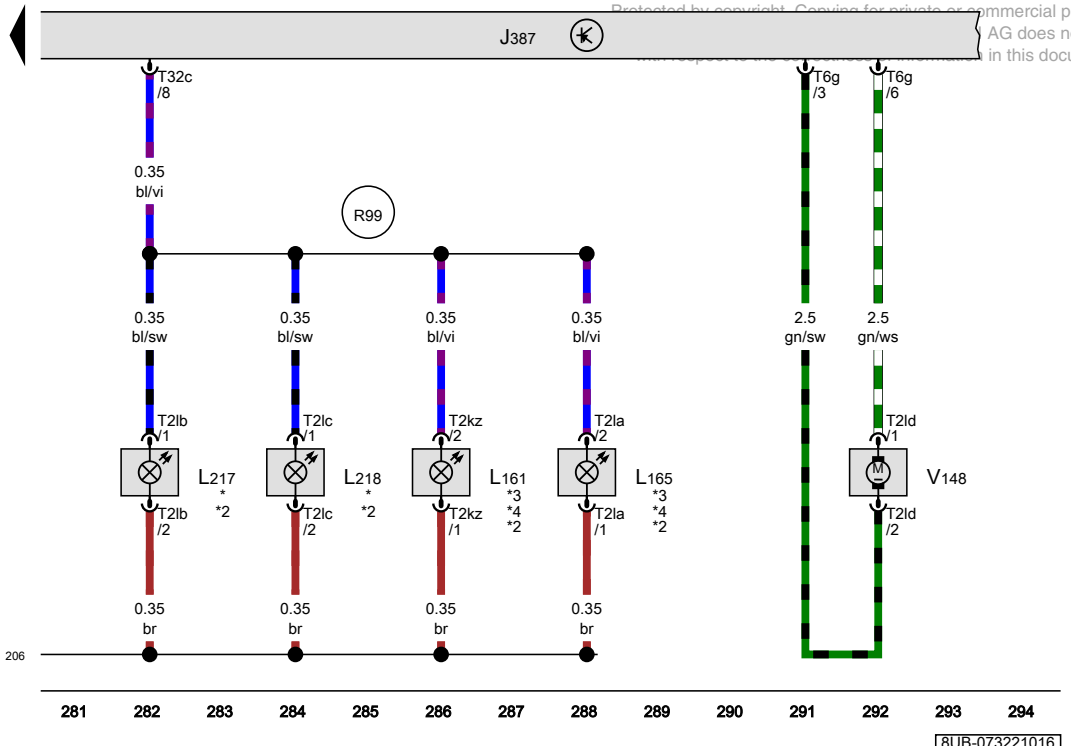


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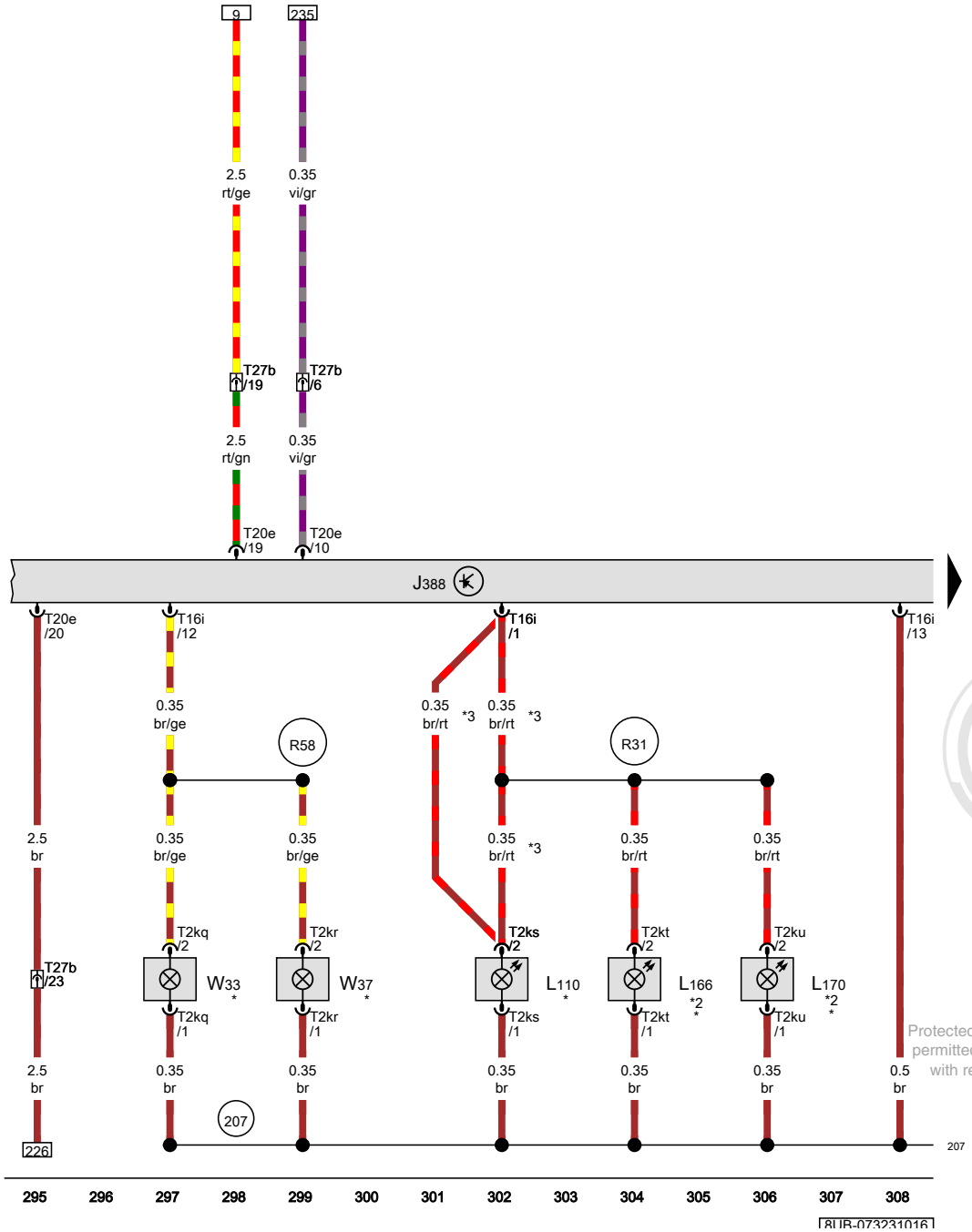
Front passenger door control unit, Front passenger door storage compartment illumination bulb, Front passenger door ambient lighting bulb, Loudspeaker background lighting bulb 3, Loudspeaker background lighting bulb 4, Front passenger side window regulator motor

J387	Front passenger door control unit
L161	Front passenger door storage compartment illumination bulb
L165	Front passenger door ambient lighting bulb
L217	Loudspeaker background lighting bulb 3
L218	Loudspeaker background lighting bulb 4
T2kz	2-pin connector, black
T2la	2-pin connector, brown
T2lb	2-pin connector, brown
T2lc	2-pin connector, brown
T2ld	2-pin connector, black
T6g	6-pin connector, black
T32c	32-pin connector, black
V148	Front passenger side window regulator motor
206	Earth connection, in front passenger door wiring harness
R99	Connection 2 in front passenger side door wiring harness
*	Only models with BOSE sound system
*2	Only models with additional lights
*3	Only models with radio concert
*4	Only models with MMI



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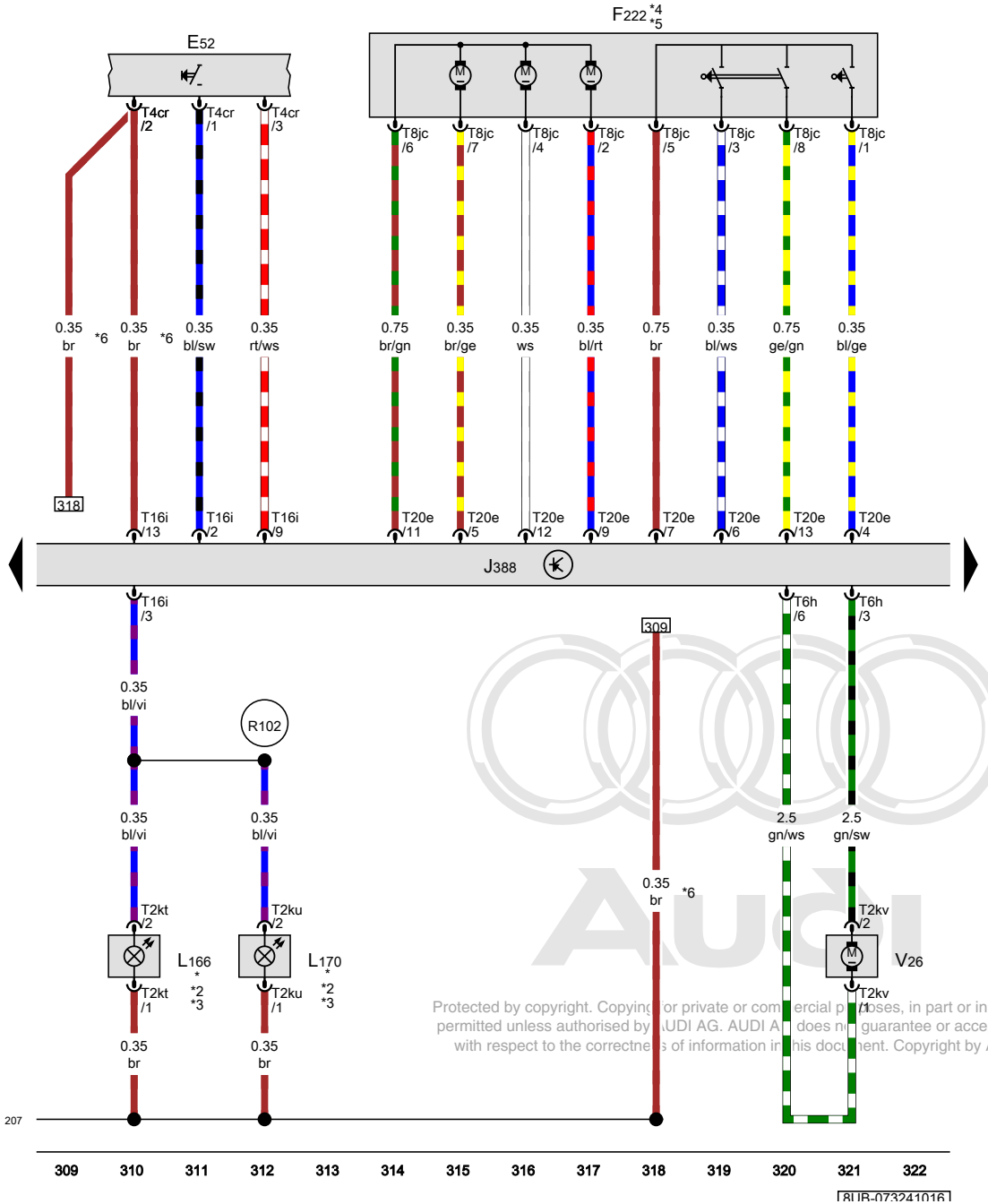


Rear left door control unit, Rear left door opener illumination bulb, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left entry light, Rear left door warning lamp

J388	Rear left door control unit
L110	Rear left door opener illumination bulb
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2kq	2-pin connector, black
T2kr	2-pin connector, black
T2ks	2-pin connector, black
T2kt	2-pin connector, brown
T2ku	2-pin connector, black
T16i	16-pin connector, black
T20e	20-pin connector, black
T27b	27-pin connector, on left B-pillar
W33	Rear left entry light
W37	Rear left door warning lamp
207	Earth connection, in rear left door wiring harness
R31	Connection 1, in rear left door wiring harness
R58	Connection (entry light), in rear left door wiring harness
*	Only models with additional lights
*2	Only models with radio chorus
*3	According to equipment

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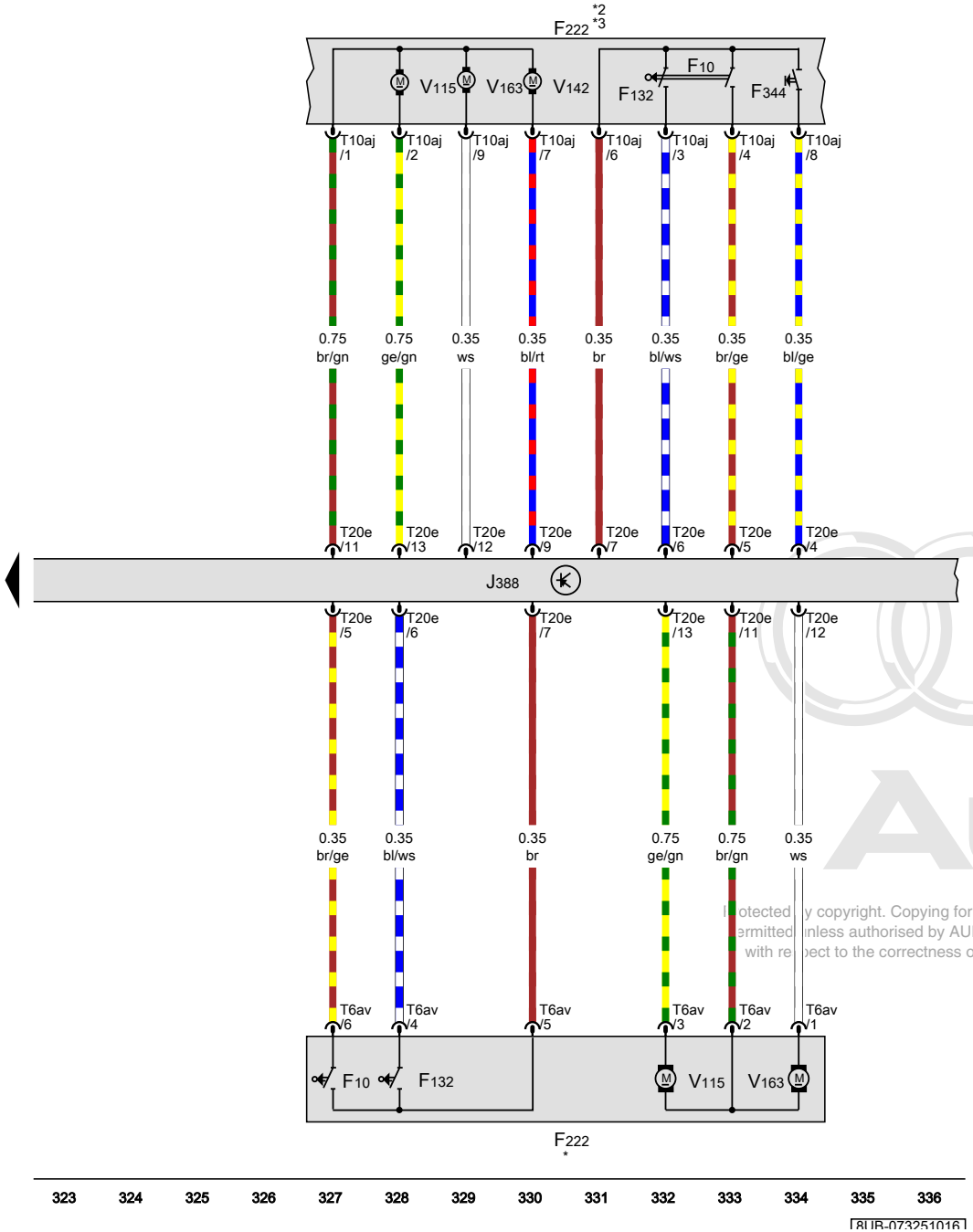


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Rear left window regulator switch, in door, Rear left door control unit, Rear left door ambient lighting bulb, Rear left door storage compartment illumination bulb, Rear left window regulator motor

E52	Rear left window regulator switch, in door
F222	Rear left central locking lock unit
J388	Rear left door control unit
L166	Rear left door ambient lighting bulb
L170	Rear left door storage compartment illumination bulb
T2kt	2-pin connector, brown
T2ku	2-pin connector, black
T2kv	2-pin connector, black
T4cr	4-pin connector, brown
T6h	6-pin connector, black
T8jc	8-pin connector, black
T16i	16-pin connector, black
T20e	20-pin connector, black
V26	Rear left window regulator motor
207	Earth connection, in rear left door wiring harness
R102	Connection 2, in rear left door wiring harness
*	Only models with radio concert
*2	Only models with MMI
*3	Only models with additional lights
*4	Only models with childproof locks
*5	From November 2015
*6	According to equipment

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Rear left central locking lock unit, Rear left childproof lock contact switch, Rear left door control unit, Rear left childproof lock motor

F10	Rear left door contact switch
F132	Rear left central locking actuator
F222	Rear left central locking lock unit
F344	Rear left childproof lock contact switch
J388	Rear left door control unit
T6av	6-pin connector, black
T10aj	10-pin connector, black
T20e	20-pin connector, black
V115	Rear left door central locking motor
V142	Rear left childproof lock motor
V163	Rear left door central locking SAFELOCK function motor
*	Only models with no childproof locks
*2	Only models with childproof locks
*3	Up to October 2015

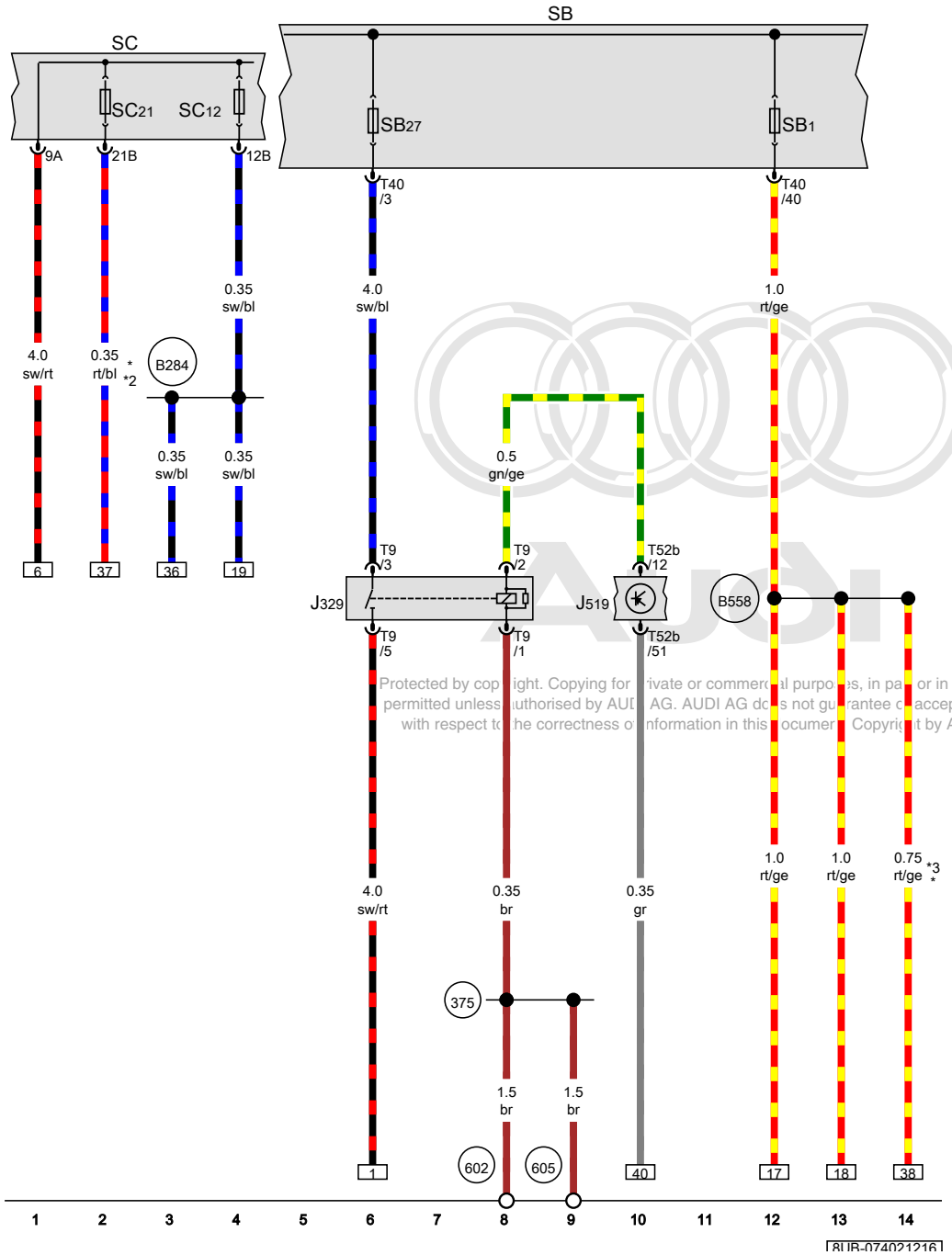
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Dual clutch gearbox 02E , (0ES)

From November 2013

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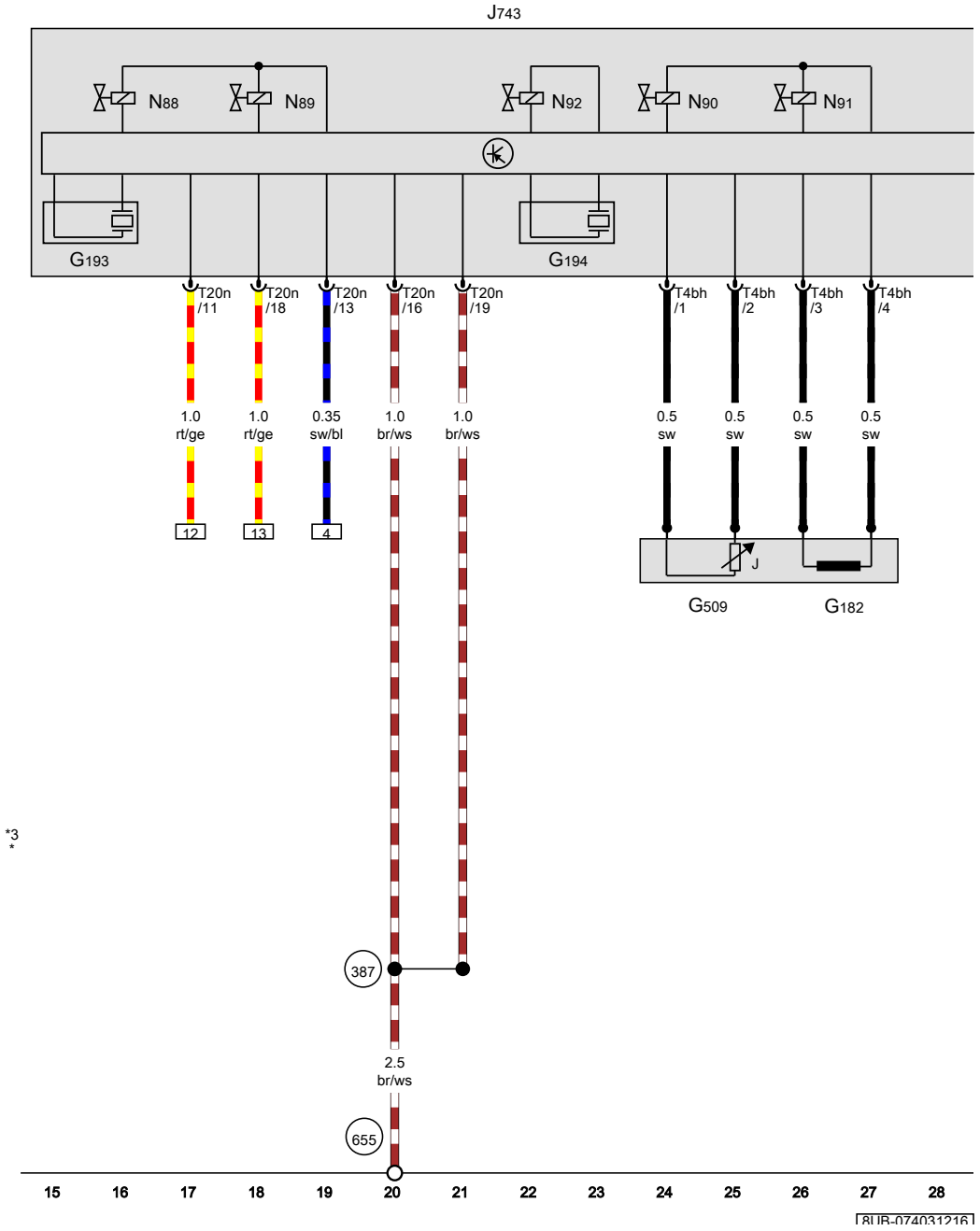


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Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB1	Fuse 1 on fuse holder B
SC12	Fuse 12 on fuse holder C
SC21	Fuse 21 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
T9	9-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B284	Positive connection 8 (15a) in main wiring harness
B558	Positive connection 22 (30a) in main wiring harness
*	According to equipment
*2	From November 2014
*3	Cross section depends on equipment

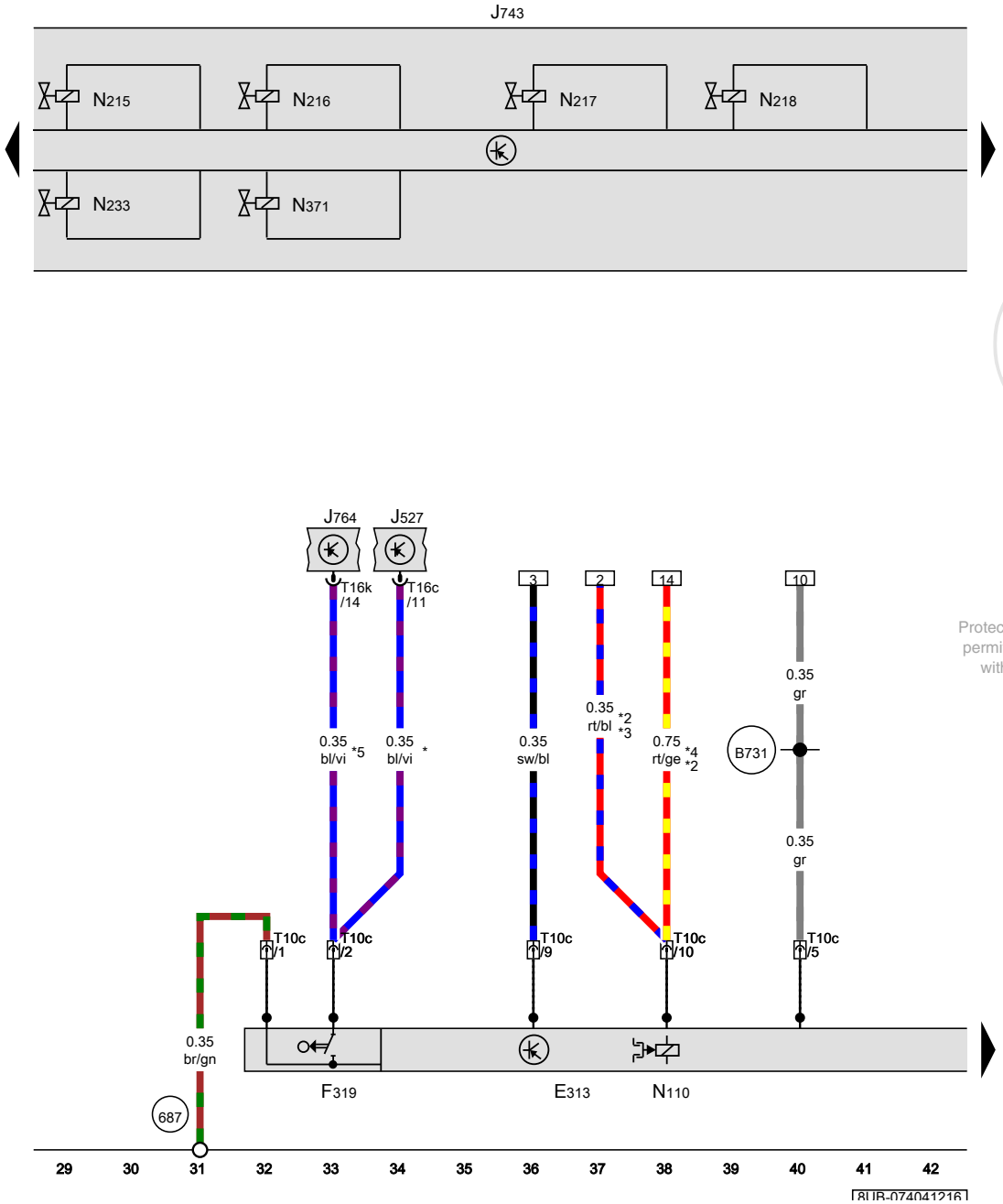


Gearbox input speed sender, Automatic gearbox hydraulic pressure sender 1, Automatic gearbox hydraulic pressure sender 2, Clutch temperature sender, Mechatronic unit for dual clutch gearbox, Solenoid valve 1, Solenoid valve 2, Solenoid valve 4, Solenoid valve 5

G182	Gearbox input speed sender
G193	Automatic gearbox hydraulic pressure sender 1
G194	Automatic gearbox hydraulic pressure sender 2
G509	Clutch temperature sender
J743	Mechatronic unit for dual clutch gearbox
N88	Solenoid valve 1
N89	Solenoid valve 2
N90	Solenoid valve 3
N91	Solenoid valve 4
N92	Solenoid valve 5
T4bh	4-pin connector
T20n	20-pin connector, black
387	Earth connection 22, in main wiring harness
655	Earth point, on left headlight

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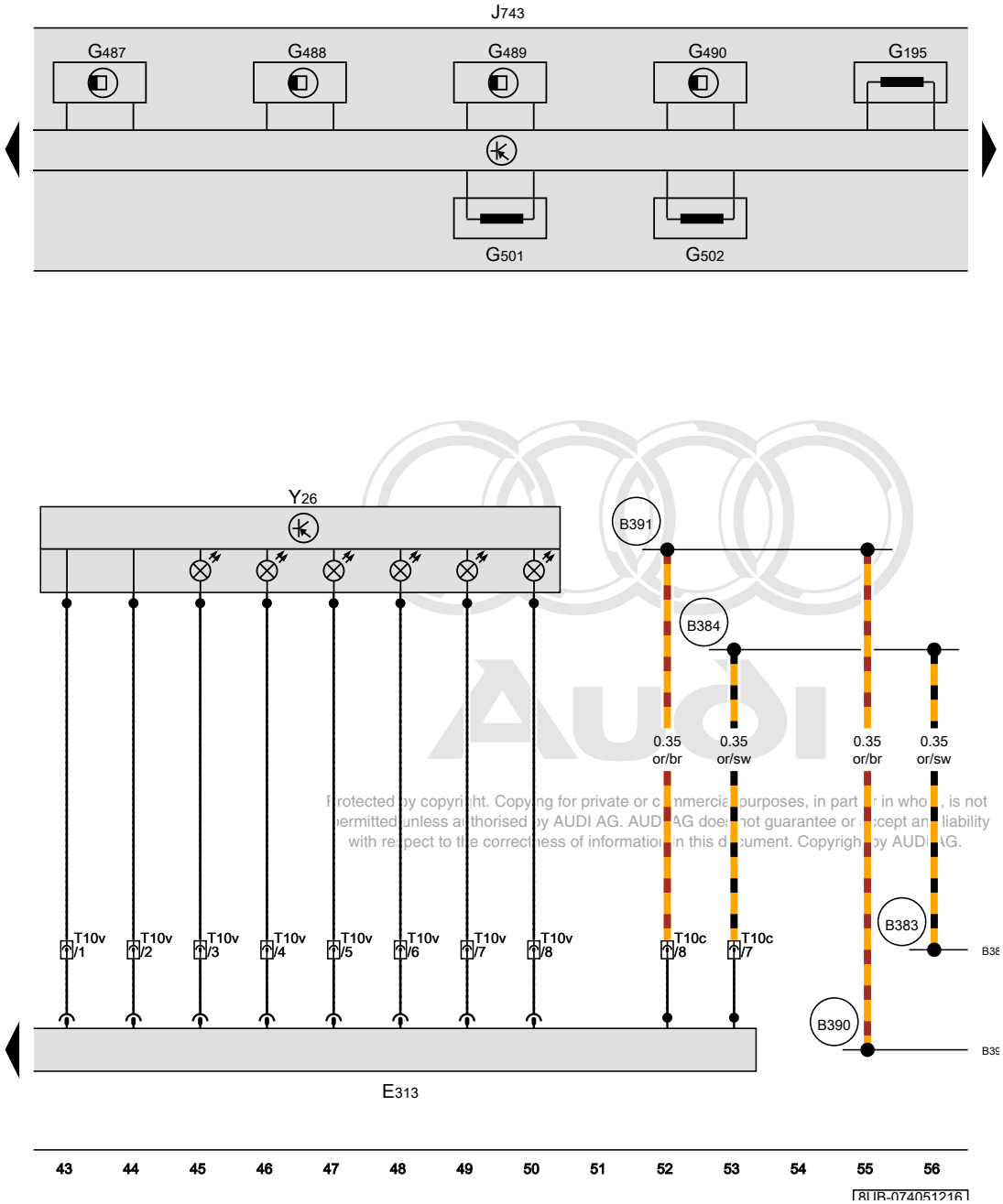


Selector lever, Selector lever locked in position P switch, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 3, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 6

E313	Selector lever
F319	Selector lever locked in position P switch
J527	Steering column electronics control unit
J743	Mechatronic unit for dual clutch gearbox
J764	Control unit for electronic steering column lock
N110	Selector lever lock solenoid
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
T10c	10-pin connector
T16c	16-pin connector
T16k	16-pin connector
687	Earth point 1, on centre tunnel
B731	Connection 1 (58s), in main wiring harness
*	Only models with no entry and start authorisation
*2	According to equipment
*3	From November 2014
*4	Cross section depends on equipment
*5	Only models with entry and start authorisation

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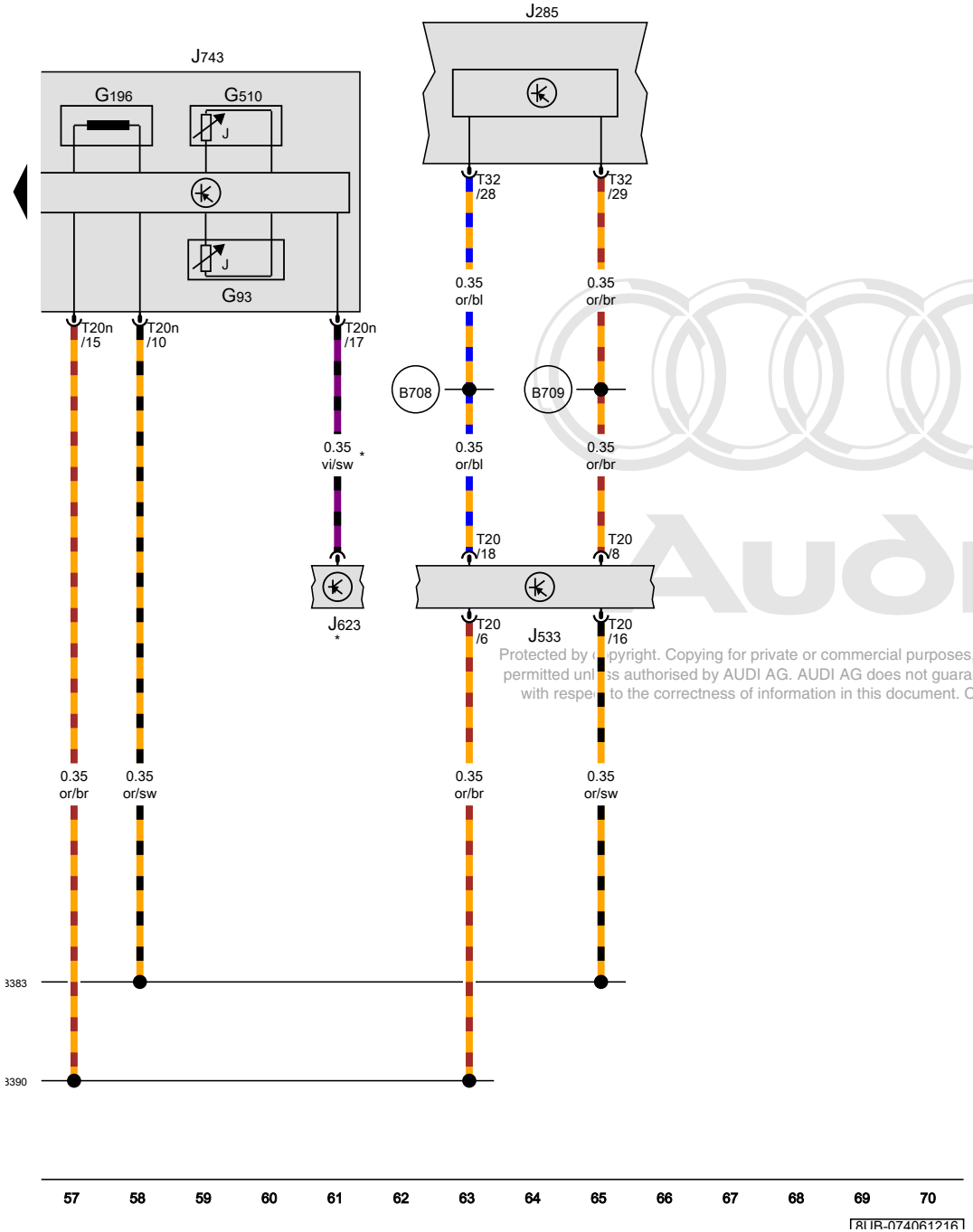
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Selector lever, Gearbox output speed sender, Gear selector movement sensor 1, Gear selector movement sensor 2, Gear selector movement sensor 3, Gear selector movement sensor 4, Input shaft speed sender 1, Input shaft speed sender 2, Mechatronic unit for dual clutch gearbox, Selector lever position display

E313	Selector lever
G195	Gearbox output speed sender
G487	Gear selector movement sensor 1
G488	Gear selector movement sensor 2
G489	Gear selector movement sensor 3
G490	Gear selector movement sensor 4
G501	Input shaft speed sender 1
G502	Input shaft speed sender 2
J743	Mechatronic unit for dual clutch gearbox
T10c	10-pin connector
T10v	10-pin connector, under selector lever
Y26	Selector lever position display
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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Gearbox oil temperature sender, Gearbox output speed sender 2, Temperature sender in control unit, Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox

G93	Gearbox oil temperature sender
G196	Gearbox output speed sender 2
G510	Temperature sender in control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface, in left footwell, near centre console
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T20	20-pin connector, red
T20n	20-pin connector, black
T32	32-pin connector, blue
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for engine

Basic equipment (Canada, Mexico, USA)

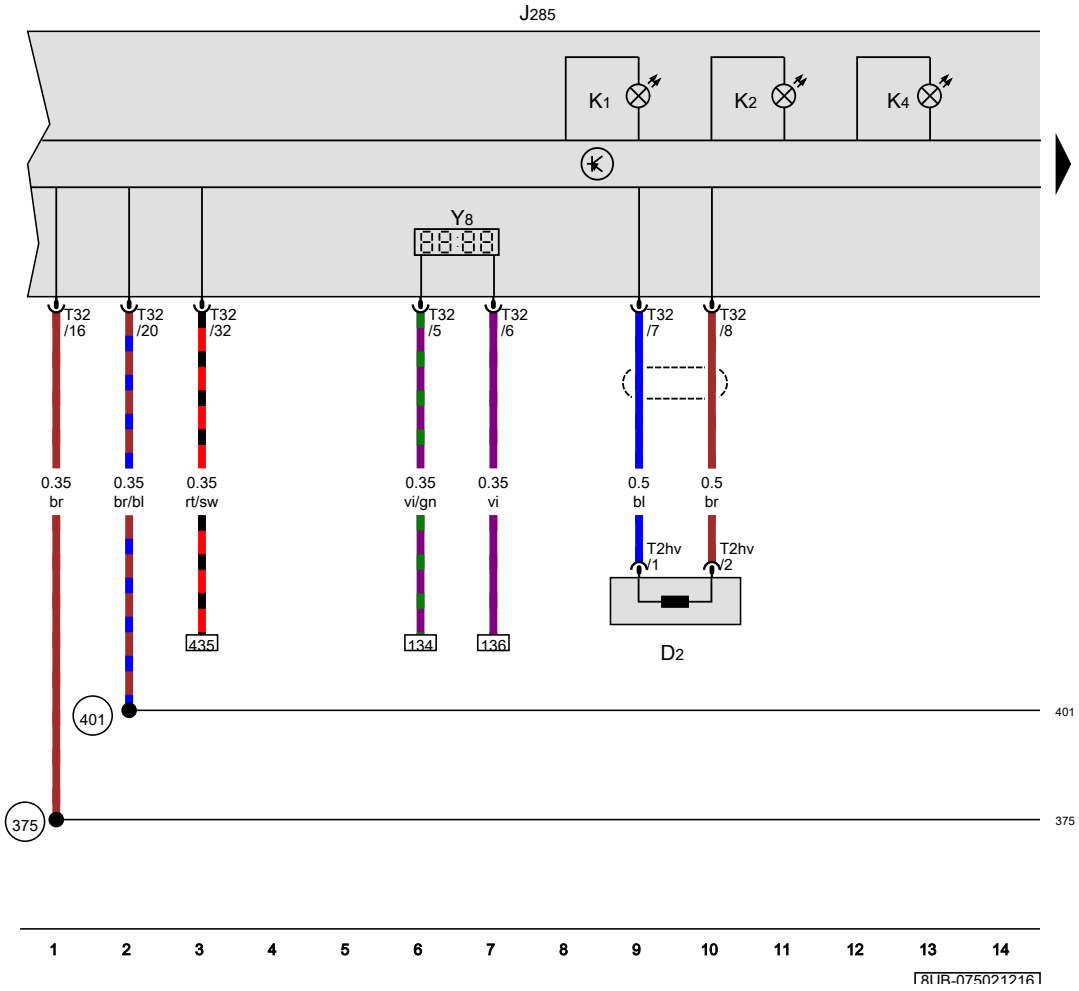
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Immobiliser reader coil, Control unit in dash panel insert

D2	Immobiliser reader coil
J285	Control unit in dash panel insert
K1	Main beam warning lamp
K2	Alternator warning lamp
K4	Side light warning lamp
T2hv	2-pin connector, black
T32	32-pin connector, blue
Y8	Radio controlled clock
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness

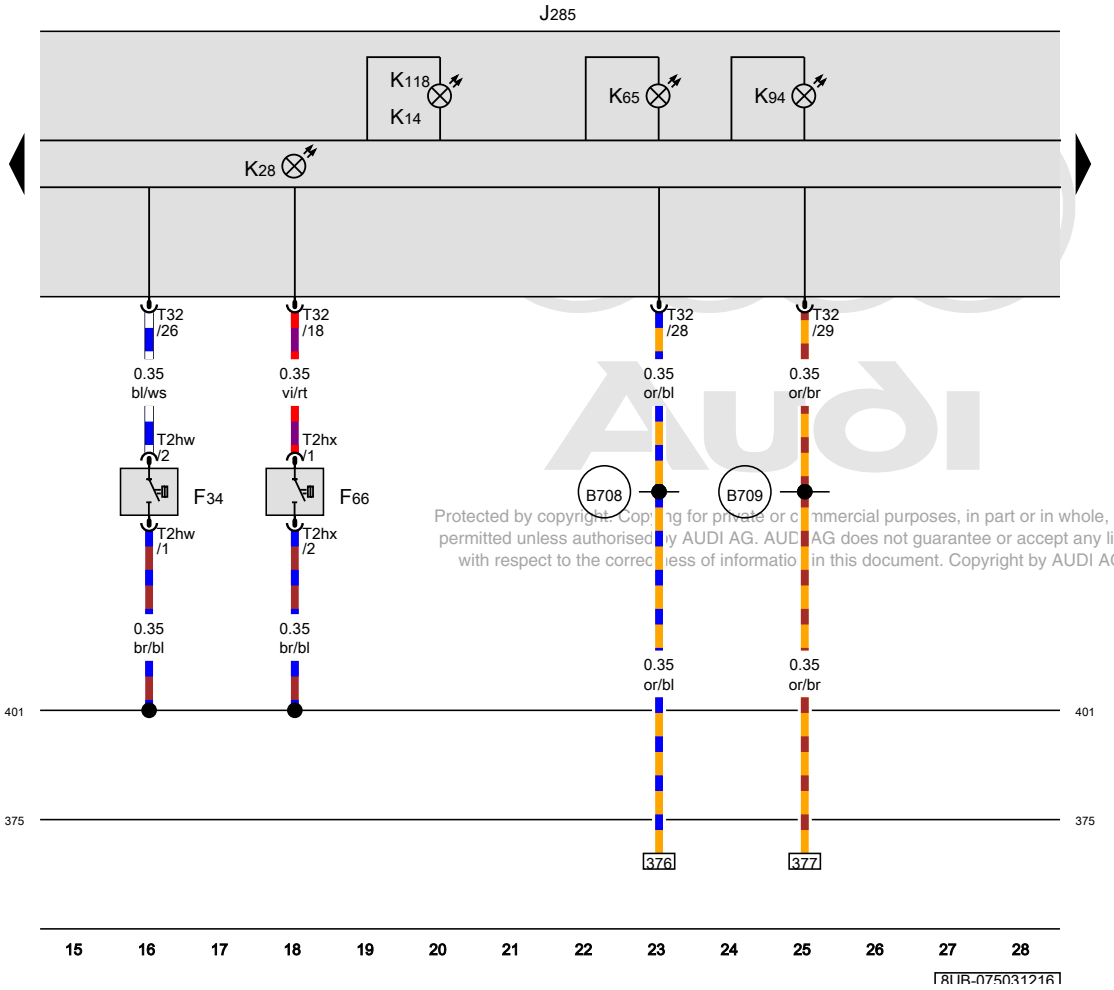
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Brake fluid level warning contact, Coolant shortage indicator switch, Control unit in dash panel insert

F34	Brake fluid level warning contact
F66	Coolant shortage indicator switch
J285	Control unit in dash panel insert
K14	Handbrake warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K65	Left turn signal warning lamp
K94	Right turn signal warning lamp
K118	Brake system warning lamp
T2hw	2-pin connector, black
T2hx	2-pin connector, black
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

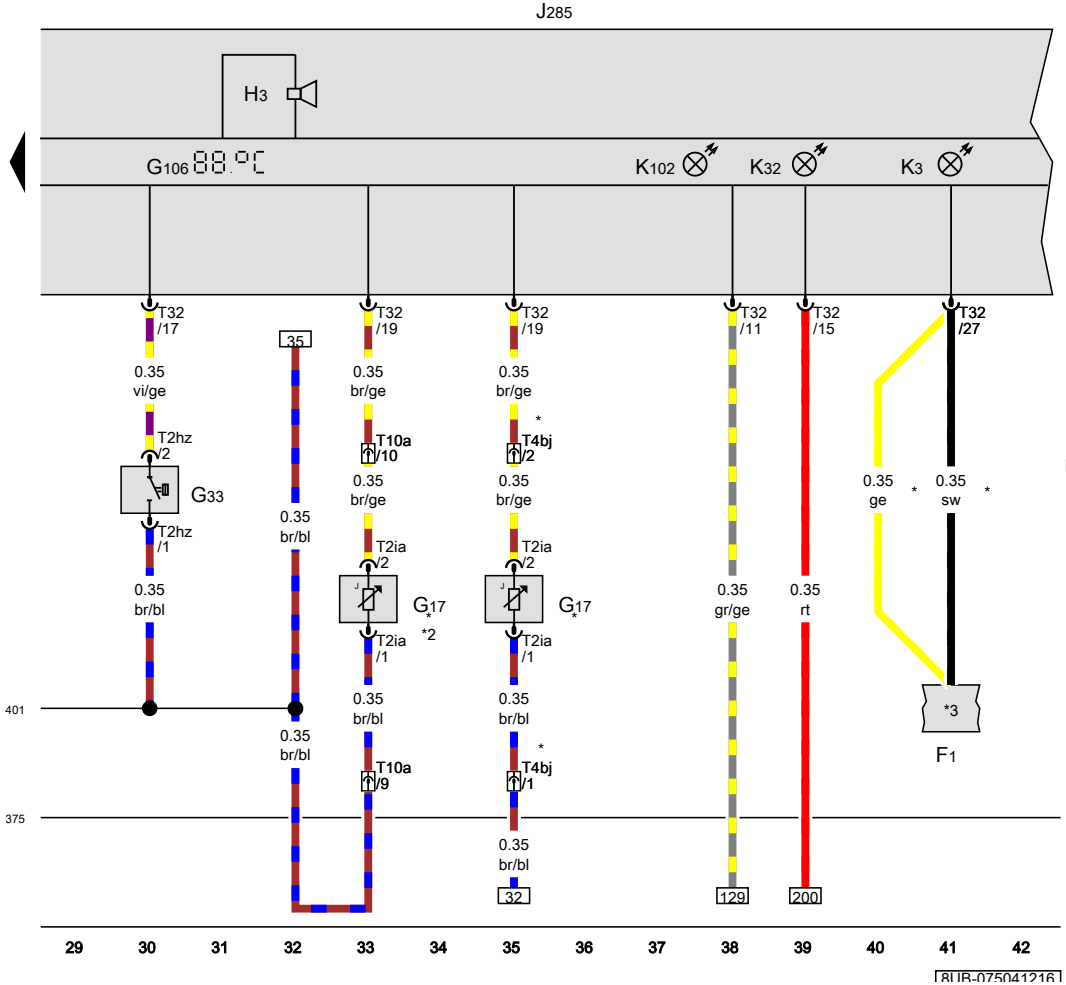


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Ambient temperature sensor, Windscreen washer fluid level sender, Control unit in dash panel insert

F1	Oil pressure switch
G17	Ambient temperature sensor
G33	Windscreen washer fluid level sender
G106	Ambient temperature indicator
H3	Buzzer and gong
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K32	Brake pad warning lamp
K102	Rear lid closed warning lamp,
T2hz	2-pin connector, black
T2ia	2-pin connector, black
T4bj	4-pin connector
T10a	10-pin connector
T32	32-pin connector, blue
375	Earth connection 10, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
*	According to equipment
*2	Only models with parking aid (PDC)
*3	see applicable current flow diagram for engine

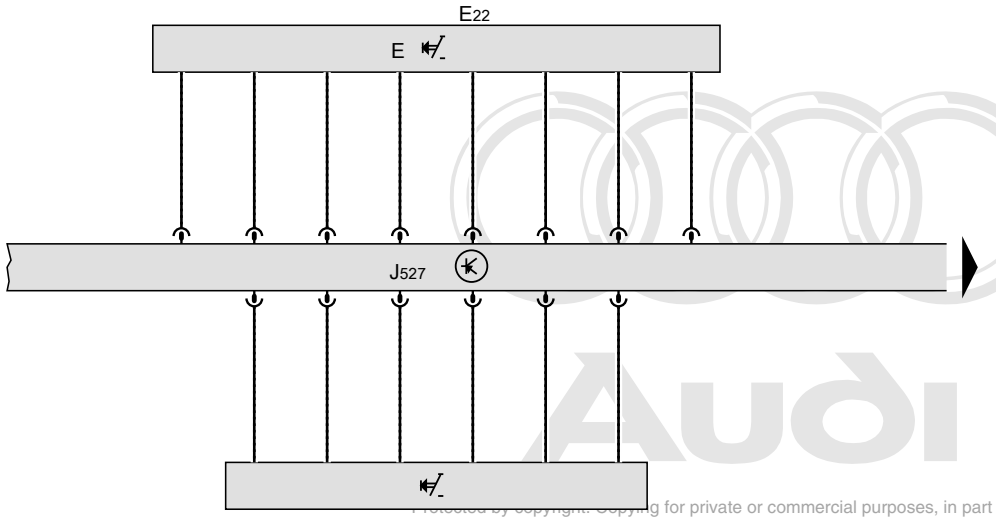


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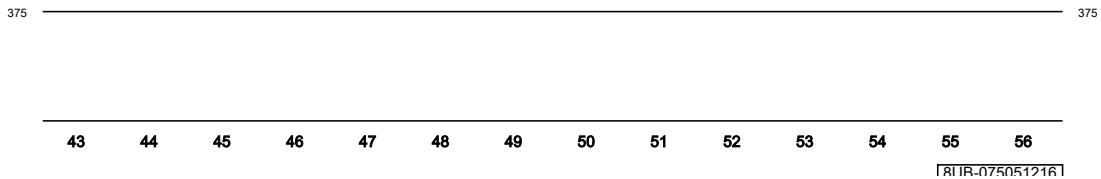
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Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit

E	Windscreen wiper switch
E22	Intermittent wiper switch
E45	Cruise control system switch
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness
*	Only models with cruise control system (CCS)



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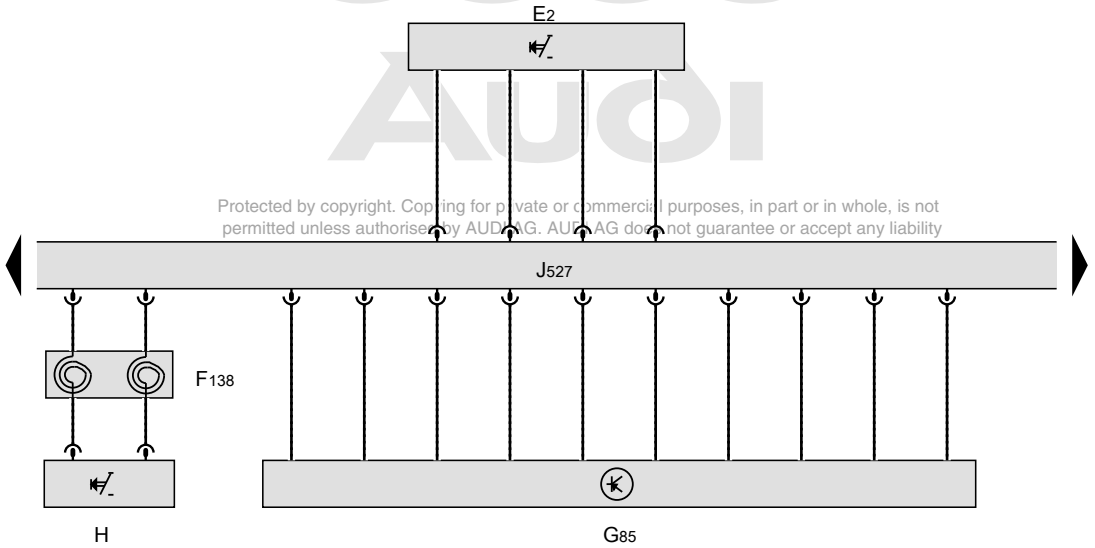


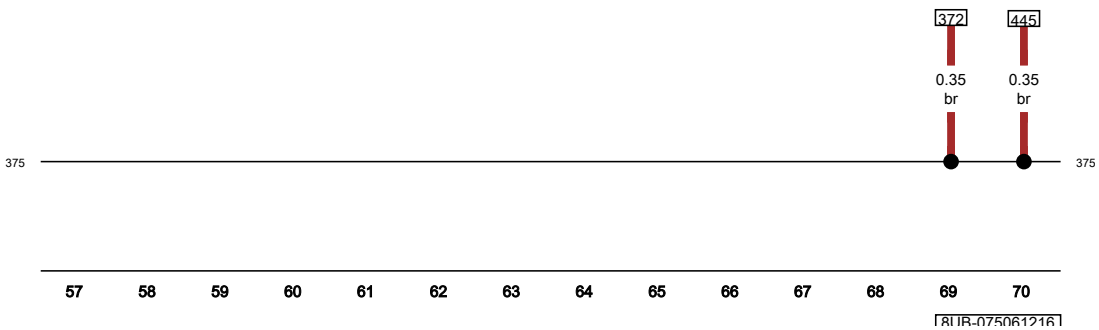
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Turn signal switch, Steering angle sender, Horn plate, Steering column electronics control unit

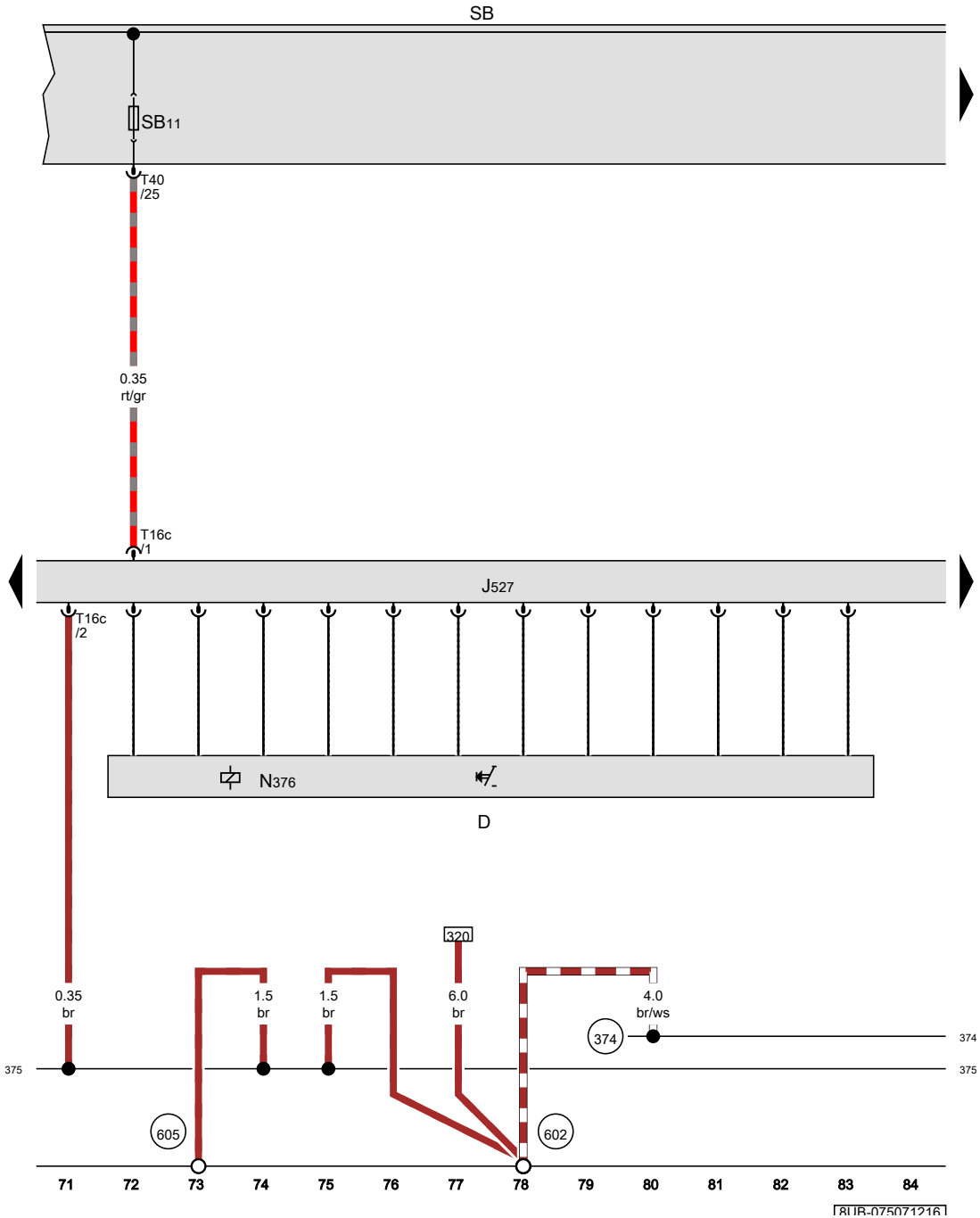
E2	Turn signal switch
F138	Airbag coil connector and return ring with slip ring
G85	Steering angle sender
H	Horn plate
J527	Steering column electronics control unit
375	Earth connection 10, in main wiring harness

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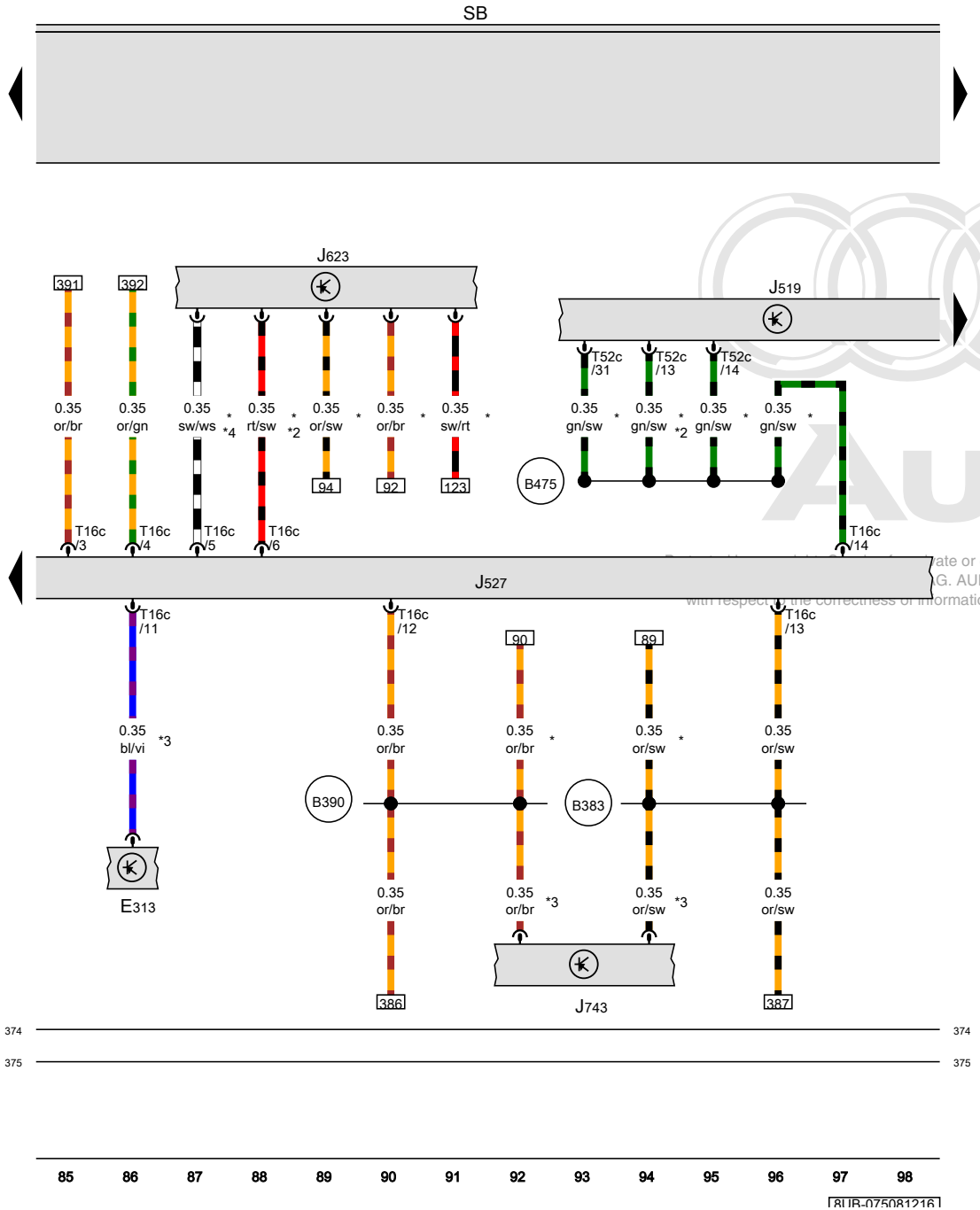


Ignition/starter switch, Steering column electronics control unit

D	Ignition/starter switch
J527	Steering column electronics control unit
N376	Ignition key withdrawal lock solenoid
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column

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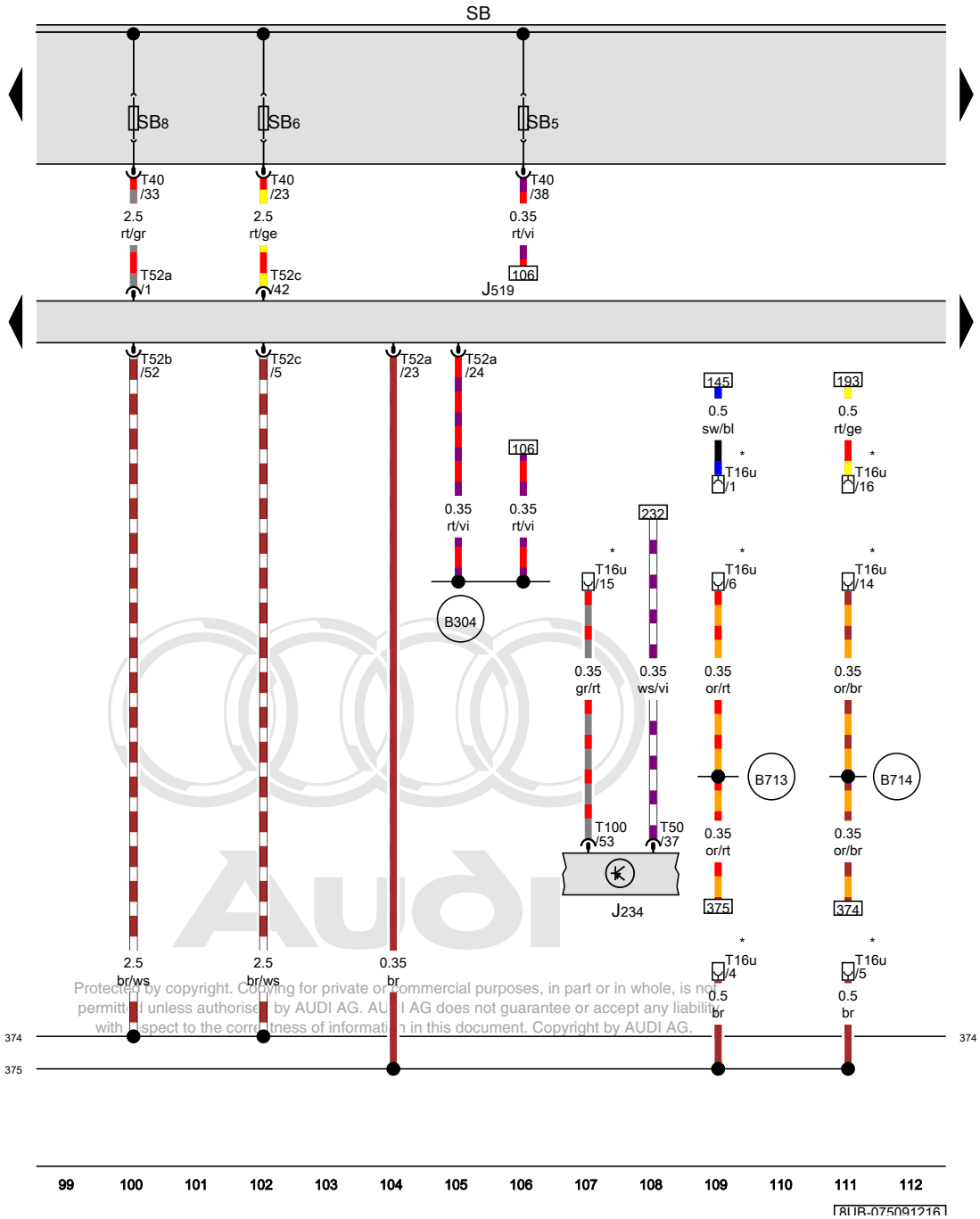


Onboard supply control unit, Steering column electronics control unit

E313	Selector lever
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
SB	Fuse holder B
T16c	16-pin connector, black
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B475	Connection 11, in main wiring harness
*	see applicable current flow diagram for engine
*2	Only models with no entry and start authorisation
*3	see applicable current flow diagram for automatic gearbox
*4	Only models with cruise control system (CCS)

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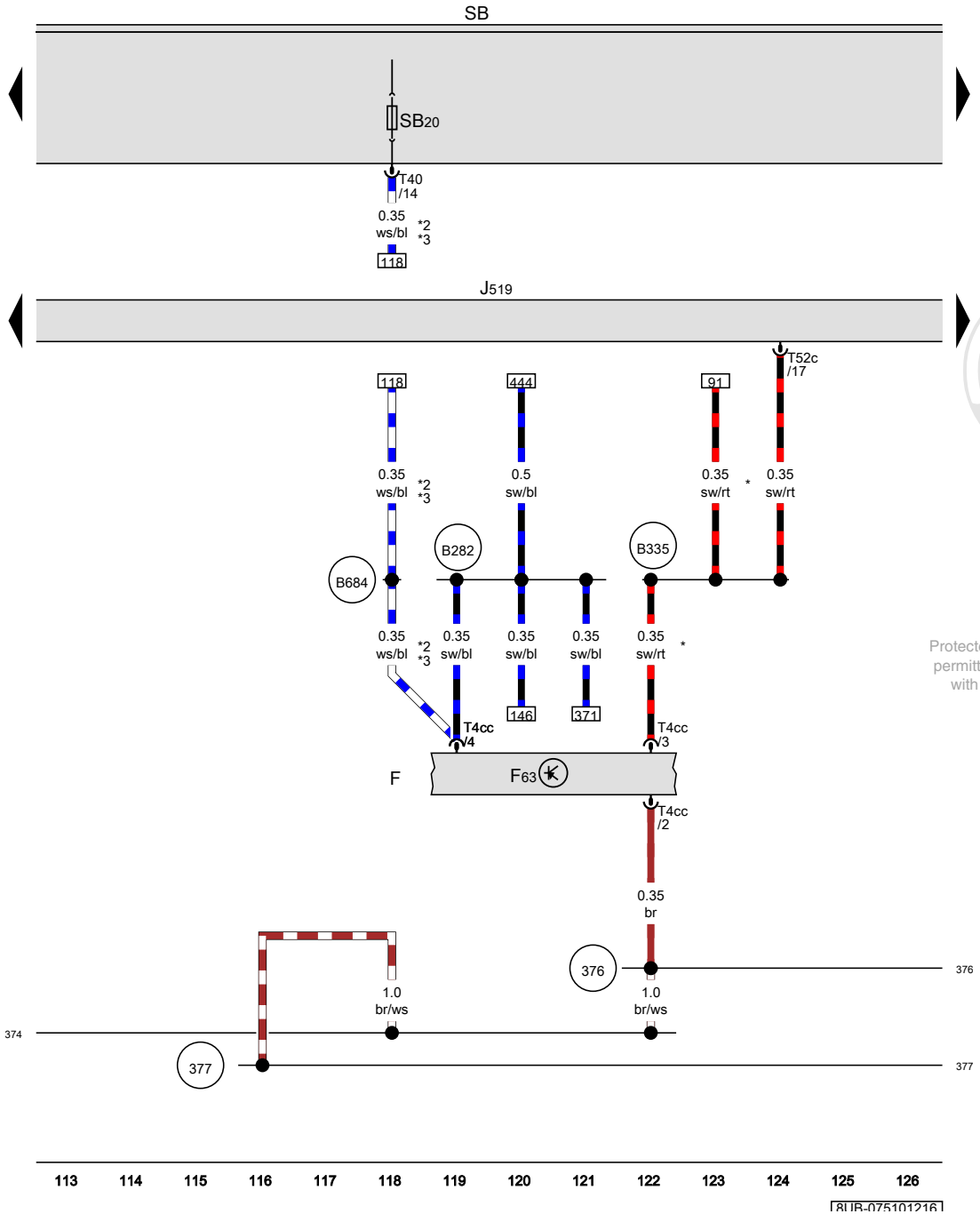


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Onboard supply control unit

J234	Airbag control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB8	Fuse 8 on fuse holder B
T16u	16-pin connector, brown
T40	40-pin connector, black
T50	50-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
T100	100-pin connector
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
B304	Positive connection 8 (30), in main wiring harness
B713	Connection 1 (CAN bus diagnosis, high), in main wiring harness
B714	Connection 1 (CAN bus diagnosis, low), in main wiring harness
*	Diagnostic connection

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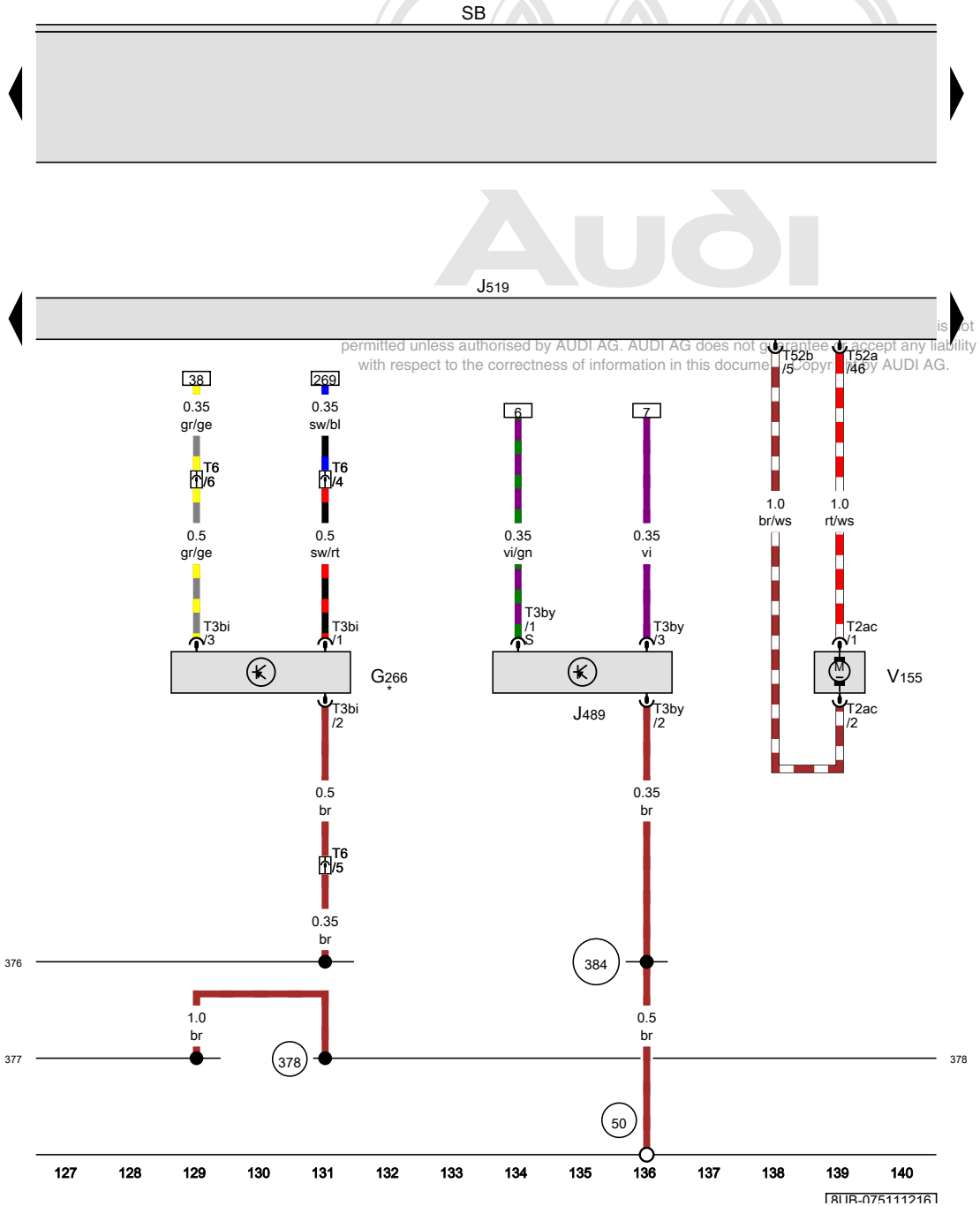


Brake light switch, Brake pedal switch, Onboard supply control unit

F	Brake light switch
F63	Brake pedal switch
J519	Onboard supply control unit
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
T4cc	4-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
*	see applicable current flow diagram for engine
*2	According to equipment
*3	Wiring colour depends on equipment

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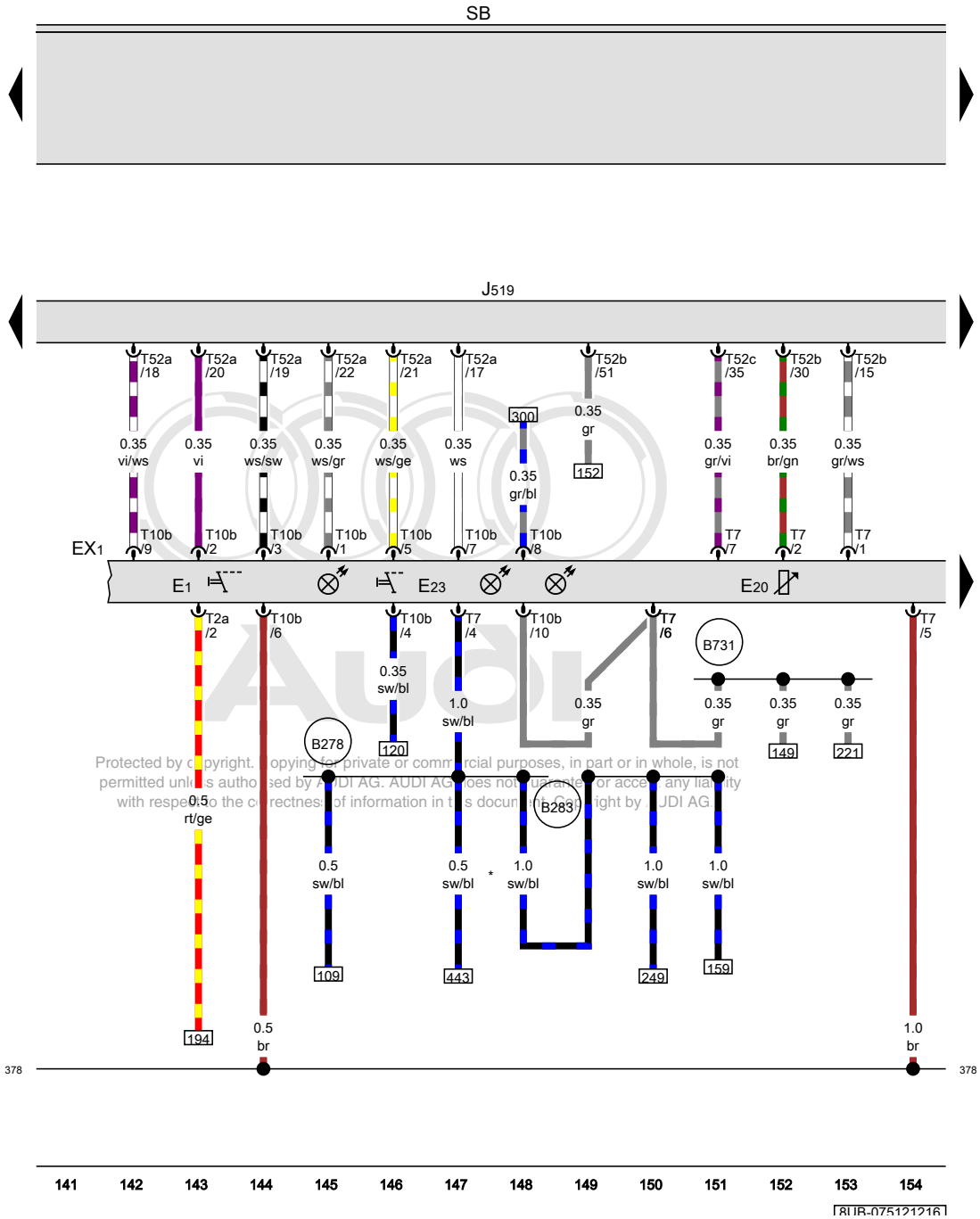
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Oil level and oil temperature sender, Radio controlled clock receiver, Onboard supply control unit, Tank filler flap locking motor

G266	Oil level and oil temperature sender
J489	Radio controlled clock receiver
J519	Onboard supply control unit
SB	Fuse holder B
T2ac	2-pin connector, black
T3bi	3-pin connector, black
T3by	3-pin connector, black
T6	6-pin connector, near front left longitudinal member
T52a	52-pin connector, black
T52b	52-pin connector, colourless
V155	Tank filler flap locking motor
50	Earth point, on left in luggage compartment
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
384	Earth connection 19, in main wiring harness
*	Not for models with 2.5l petrol engine

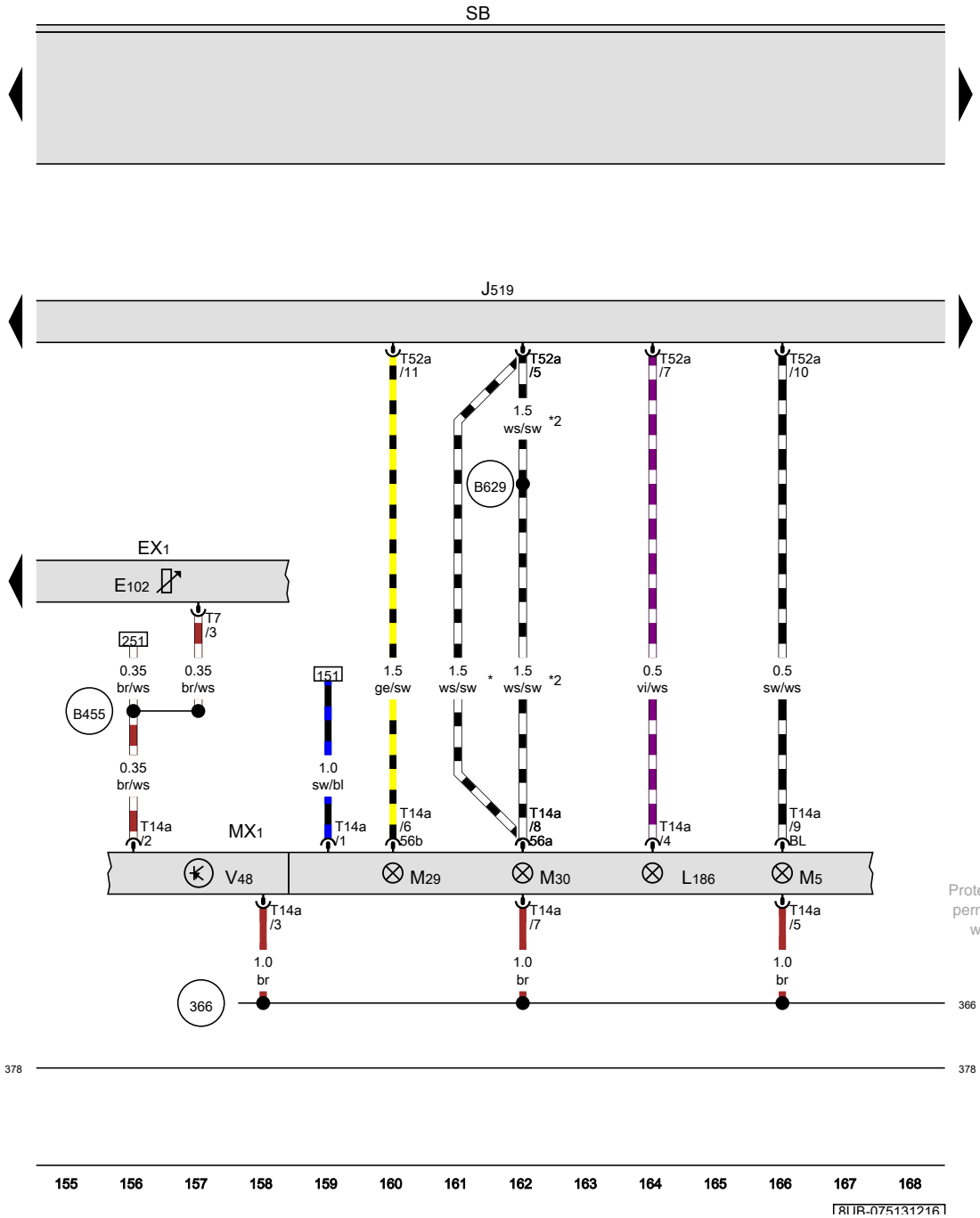


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Rotary light switch, Switch and instrument illumination regulator, Front and rear fog light switch, Onboard supply control unit

EX1	Rotary light switch
E1	Light switch
E20	Switch and instrument illumination regulator
E23	Front and rear fog light switch
J519	Onboard supply control unit
SB	Fuse holder B
T2a	2-pin connector
T7	7-pin connector
T10b	10-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
378	Earth connection 13, in main wiring harness
B278	Positive connection 2 (15a) in main wiring harness
B283	Positive connection 7 (15a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	Cross section depends on equipment

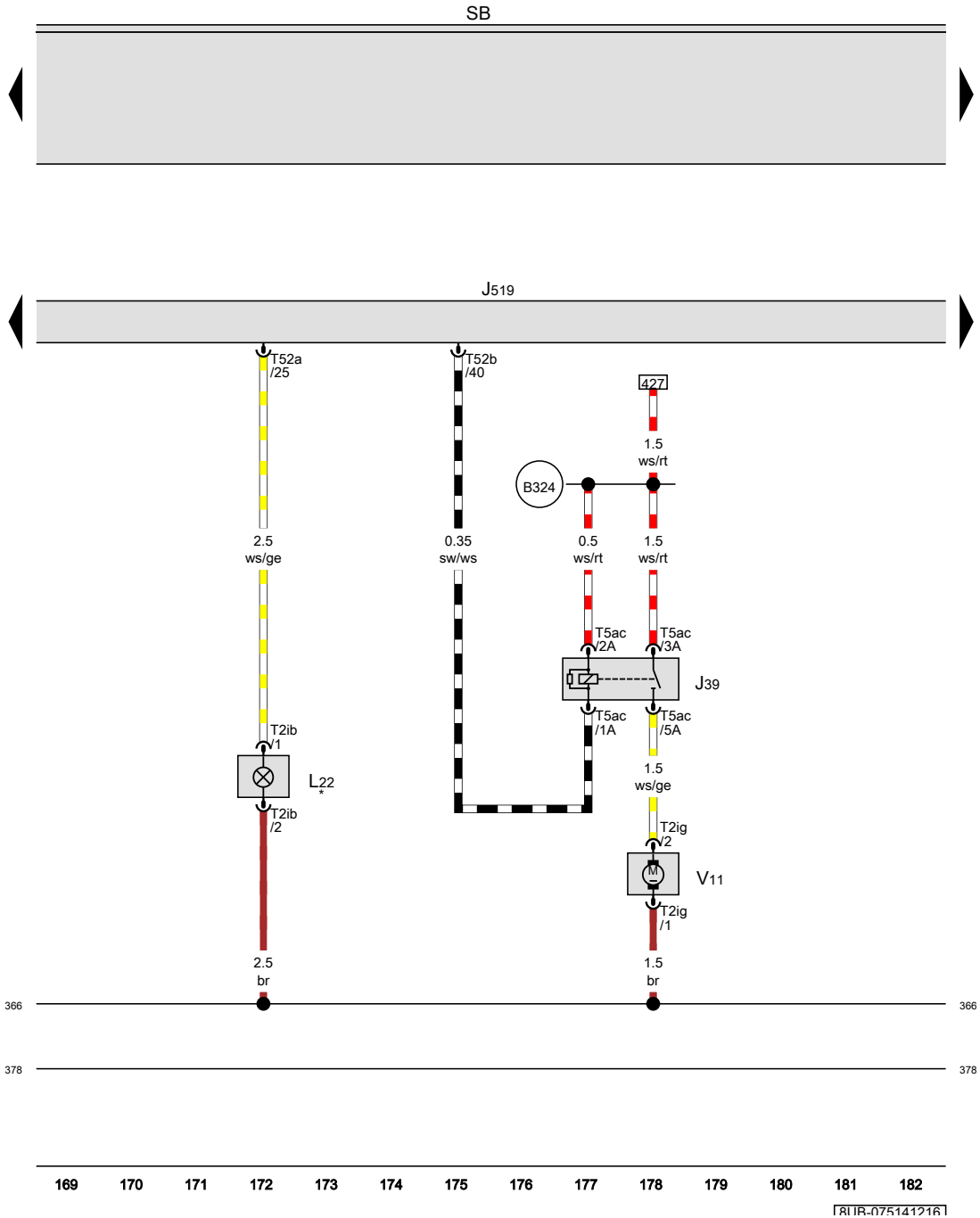


Rotary light switch, Headlight range control regulator, Onboard supply control unit, Bulb for left daytime running light and side light, Front left headlight, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

EX1	Rotary light switch
E102	Headlight range control regulator
J519	Onboard supply control unit
L186	Bulb for left daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
M29	Left headlight dipped beam bulb
M30	Left headlight main beam bulb
SB	Fuse holder B
T7	7-pin connector
T14a	14-pin connector, black
T52a	52-pin connector, black
V48	Left headlight range control motor
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
B455	Connection (HRC), in main wiring harness
B629	Connection (56a), in main wiring harness
*	gradual introduction
*2	Gradually discontinued

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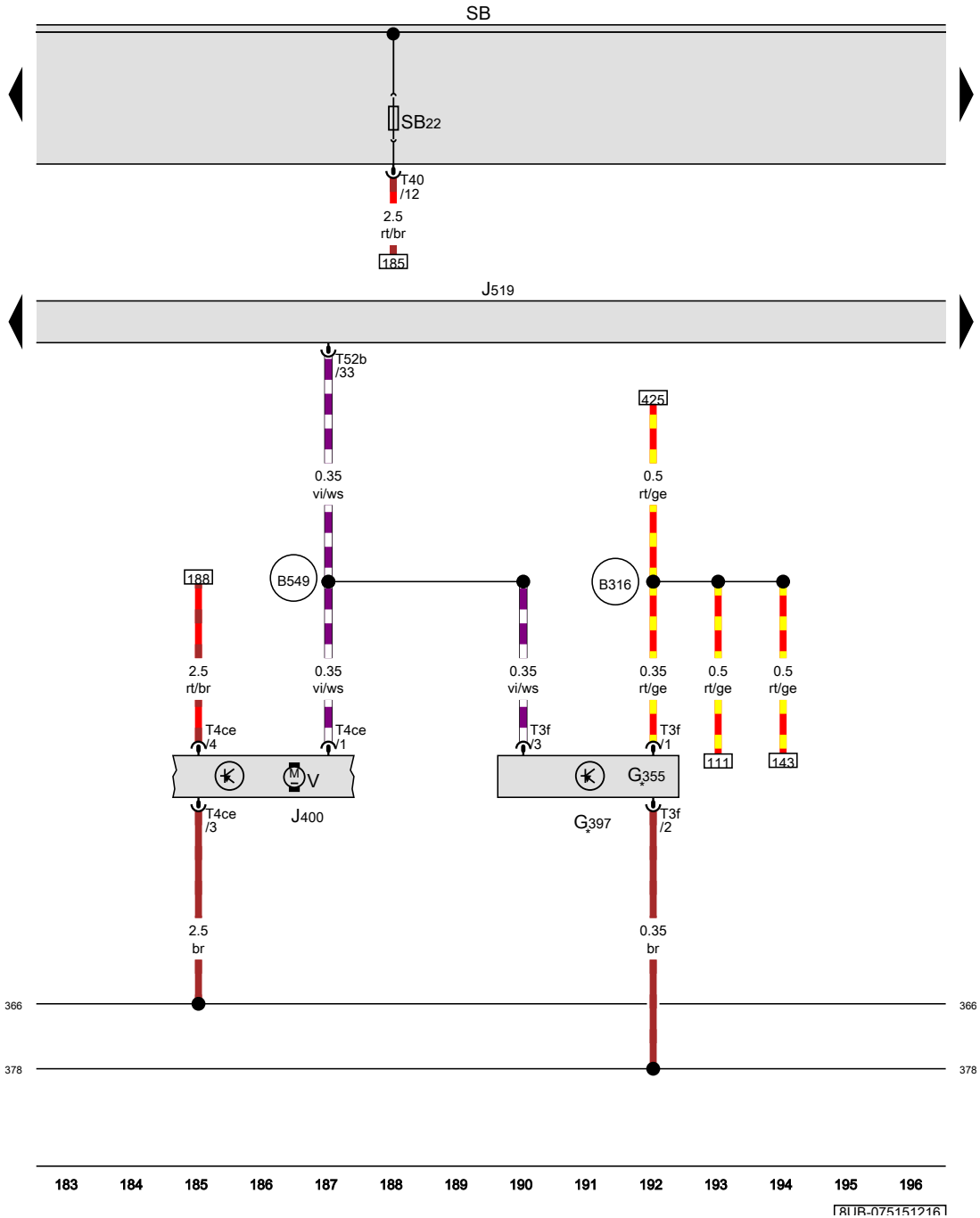


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Headlight washer system relay, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

J39	Headlight washer system relay
J519	Onboard supply control unit
L22	Left fog light bulb
SB	Fuse holder B
T2ib	2-pin connector, black
T2ig	2-pin connector
T5ac	5-pin connector
T52a	52-pin connector, black
T52b	52-pin connector, colourless
V11	Headlight washer system pump
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
B324	Positive connection 10 (30a) in main wiring harness
*	Only models with fog lights

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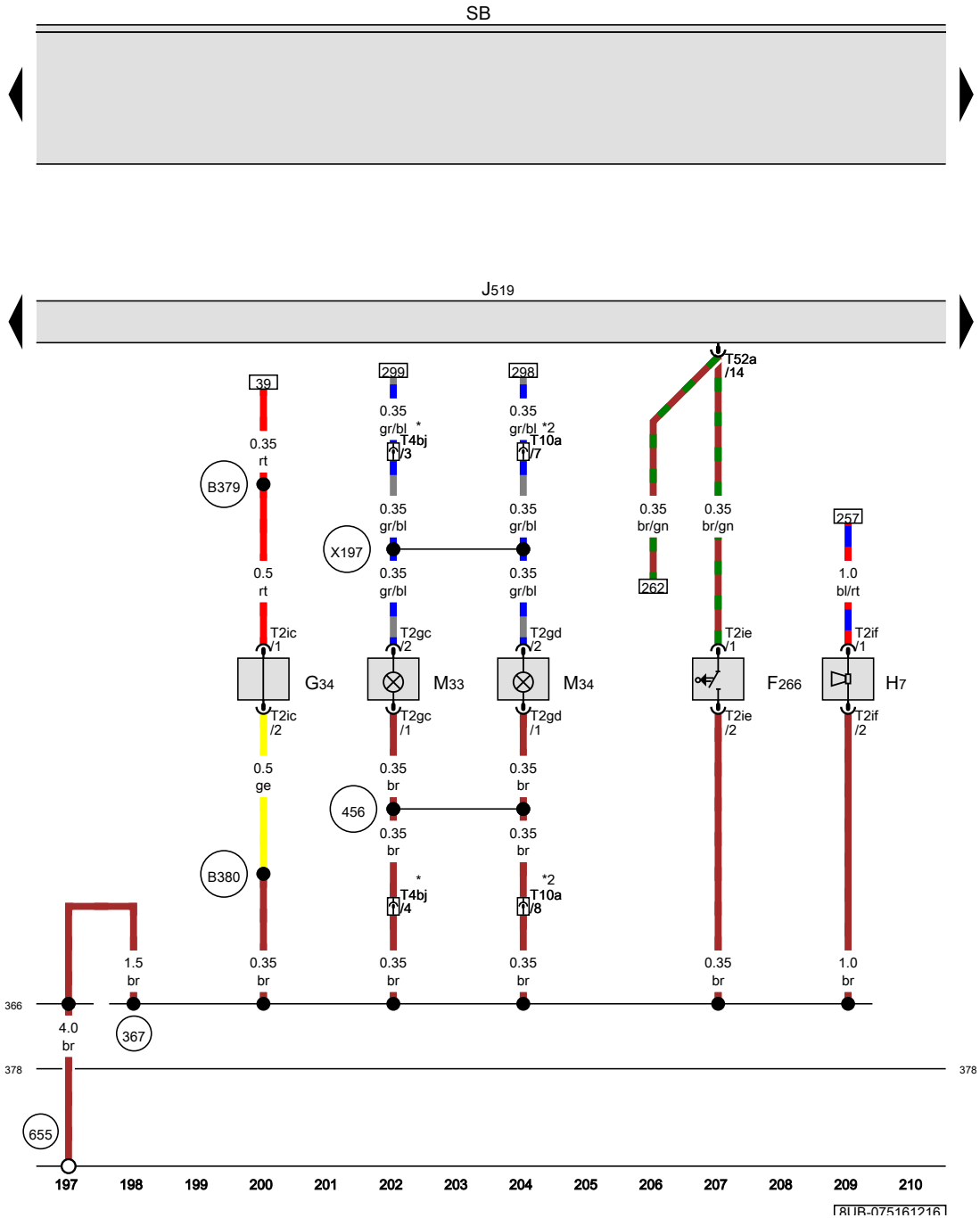


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Rain and light sensor, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor

G355	Humidity sender
G397	Rain and light sensor
J400	Wiper motor control unit
J519	Onboard supply control unit
SB	Fuse holder B
SB22	Fuse 22 on fuse holder B
T3f	3-pin connector, black
T4ce	4-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
V	Windscreen wiper motor
366	Earth connection 1, in main wiring harness
378	Earth connection 13, in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	According to equipment

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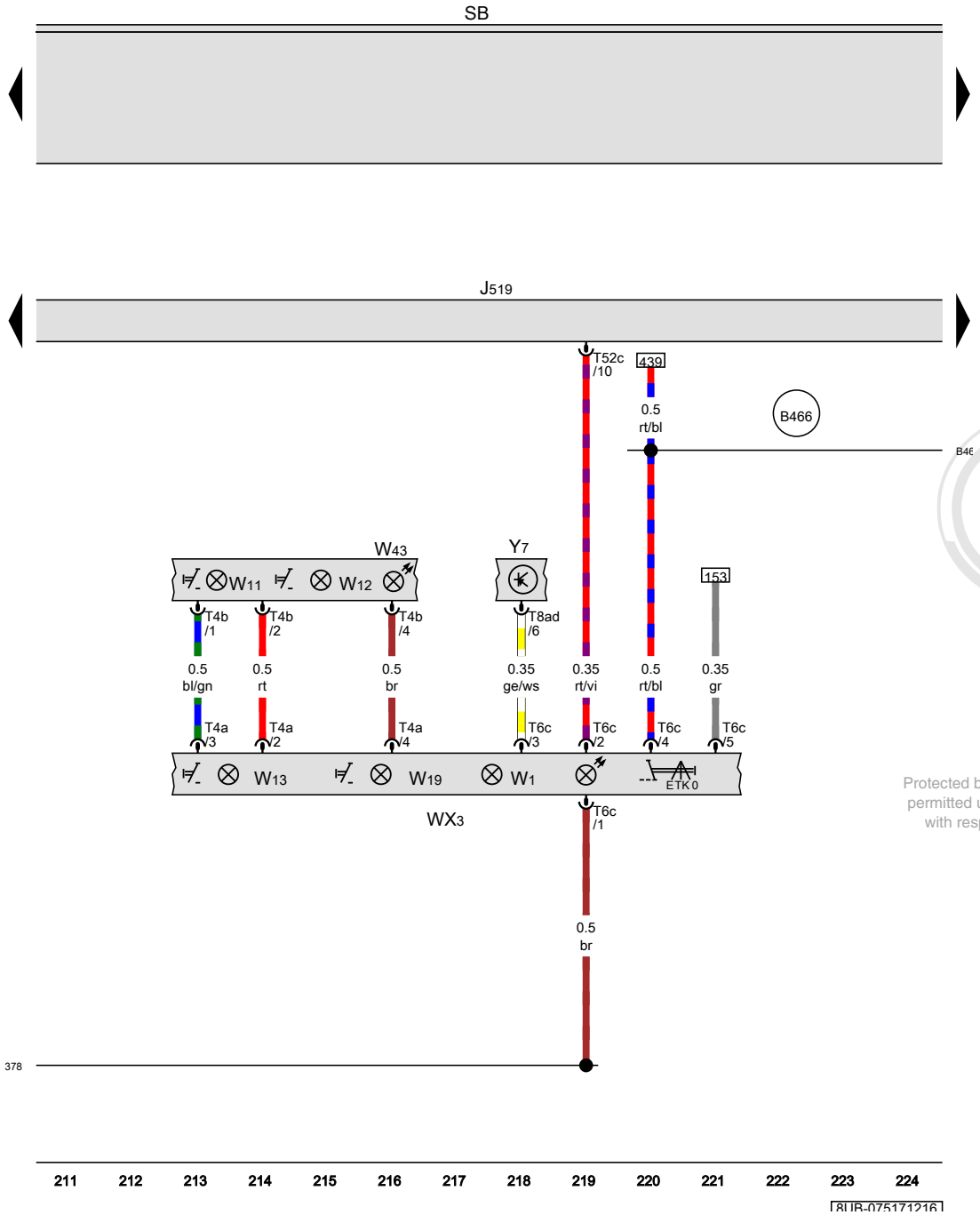


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Bonnet contact switch, Front left brake pad wear sender, Bass horn, Onboard supply control unit, Front left side marker bulb, Front right side marker bulb

F266	Bonnet contact switch
G34	Front left brake pad wear sender
H7	Bass horn
J519	Onboard supply control unit
M33	Front left side marker bulb
M34	Front right side marker bulb
SB	Fuse holder B
T2gc	2-pin connector, black
T2gd	2-pin connector, black
T2ic	2-pin connector
T2ie	2-pin connector, black
T2if	2-pin connector, black
T4bj	4-pin connector
T10a	10-pin connector
T52a	52-pin connector, black
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
378	Earth connection 13, in main wiring harness
456	Earth connection 1, front bumper wiring harness
655	Earth point, on left headlight
B379	Connection 1 (brake pad wear indicator), in main wiring harness
B380	Connection 2 (brake pad wear indicator), in main wiring harness
X197	Connection 1, in lower front bumper wiring harness
*	According to equipment
*2	Only models with parking aid (PDC)

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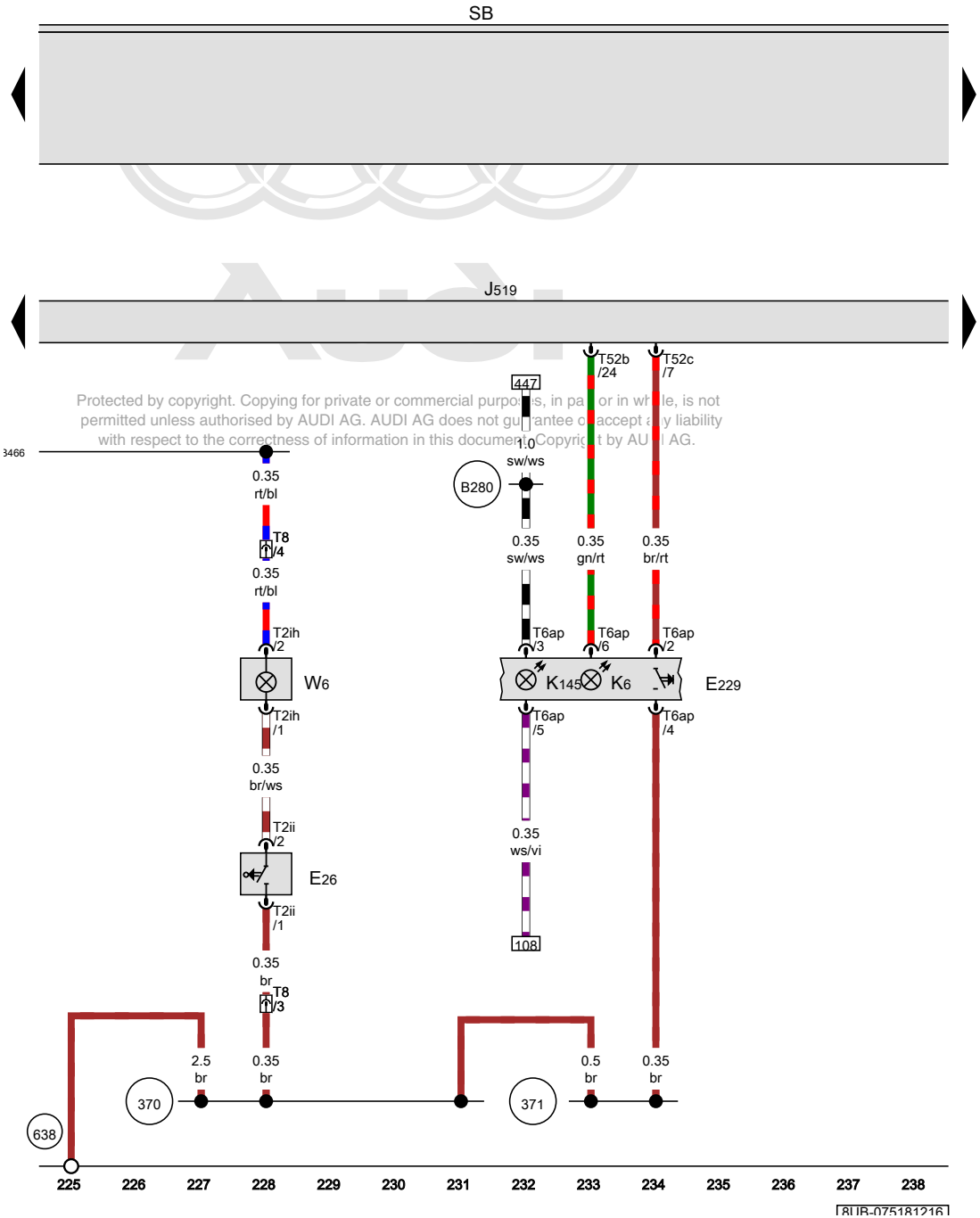


Onboard supply control unit, Front roof module, Rear interior light

J519	Onboard supply control unit
SB	Fuse holder B
T4a	4-pin connector
T4b	4-pin connector
T6c	6-pin connector, black
T8ad	8-pin connector
T52c	52-pin connector, brown
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
378	Earth connection 13, in main wiring harness
B466	Connection 2, in main wiring harness

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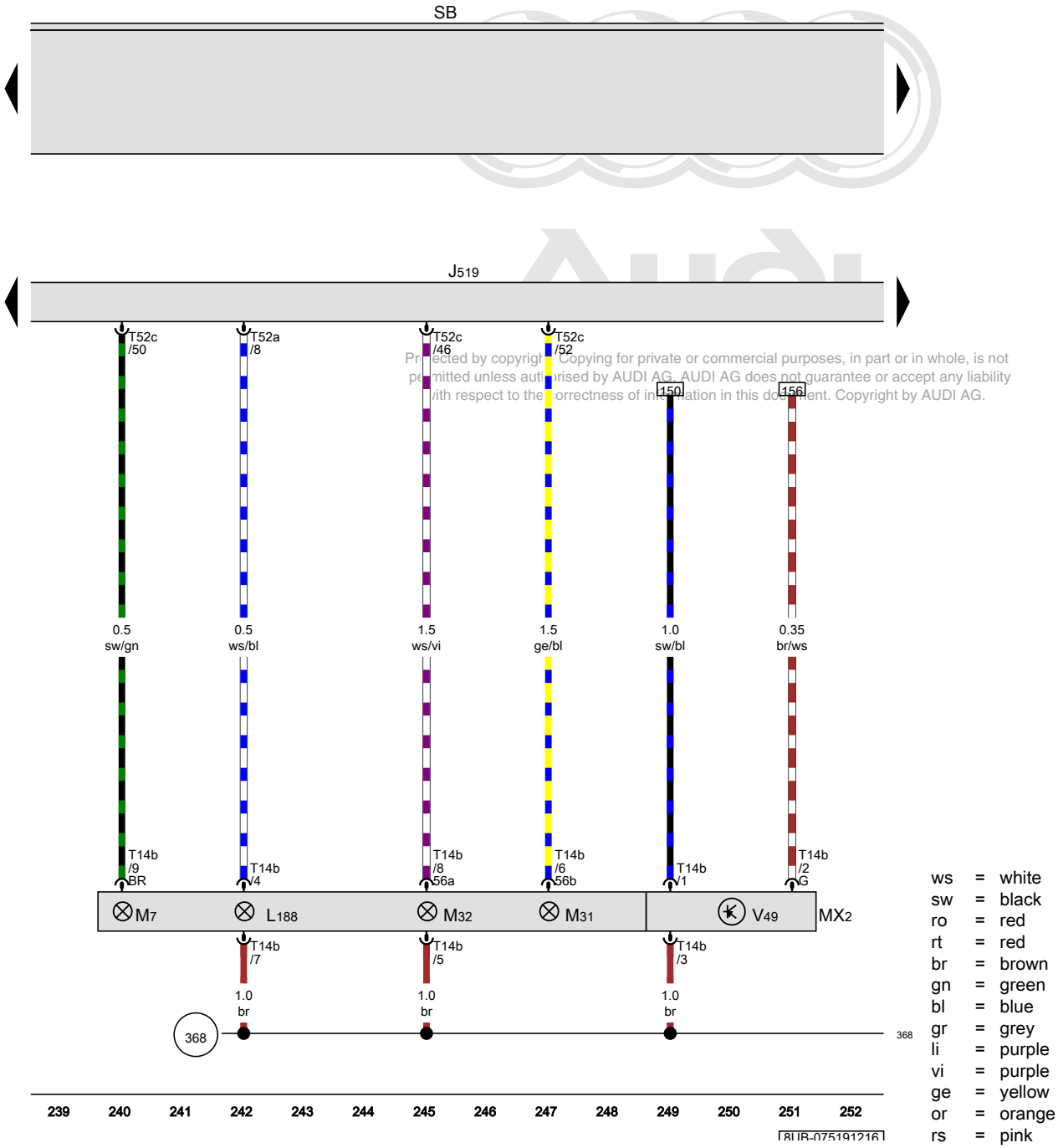


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Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

E26	Glove compartment light switch
E229	Hazard warning lights button
J519	Onboard supply control unit
K6	Indicator lamp for hazard warning light
K145	Front passenger side airbag deactivated warning lamp
SB	Fuse holder B
T2ih	2-pin connector
T2ii	2-pin connector
T6ap	6-pin connector, white
T8	8-pin connector, near glove compartment
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
W6	Glove compartment light
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B280	Positive connection 4 (15a) in main wiring harness
B466	Connection 2, in main wiring harness

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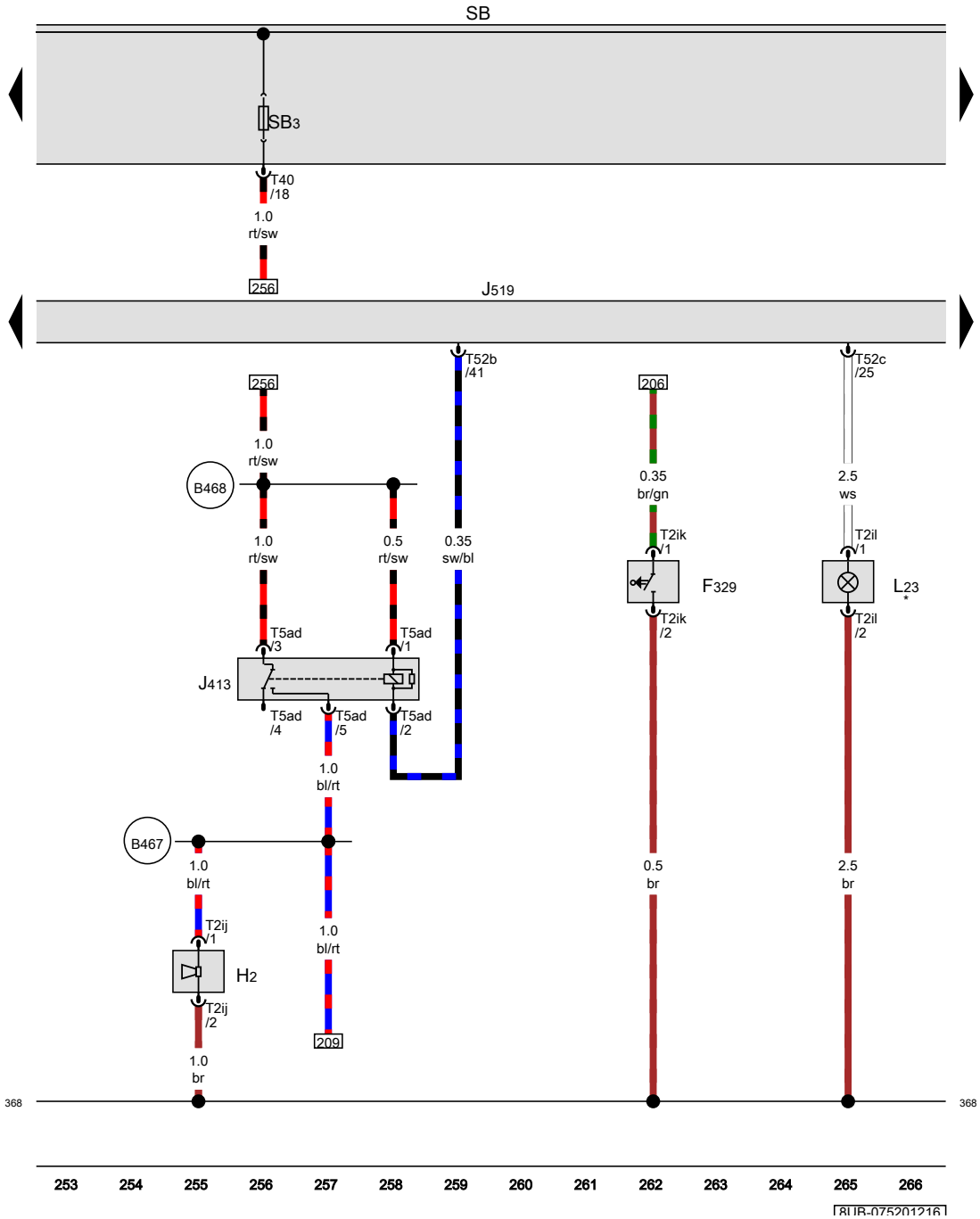


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Onboard supply control unit, Bulb for right daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

J519	Onboard supply control unit
L188	Bulb for right daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
M31	Right headlight dipped beam bulb
M32	Right headlight main beam bulb
SB	Fuse holder B
T14b	14-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
V49	Right headlight range control motor
368	Earth connection 3, in main wiring harness

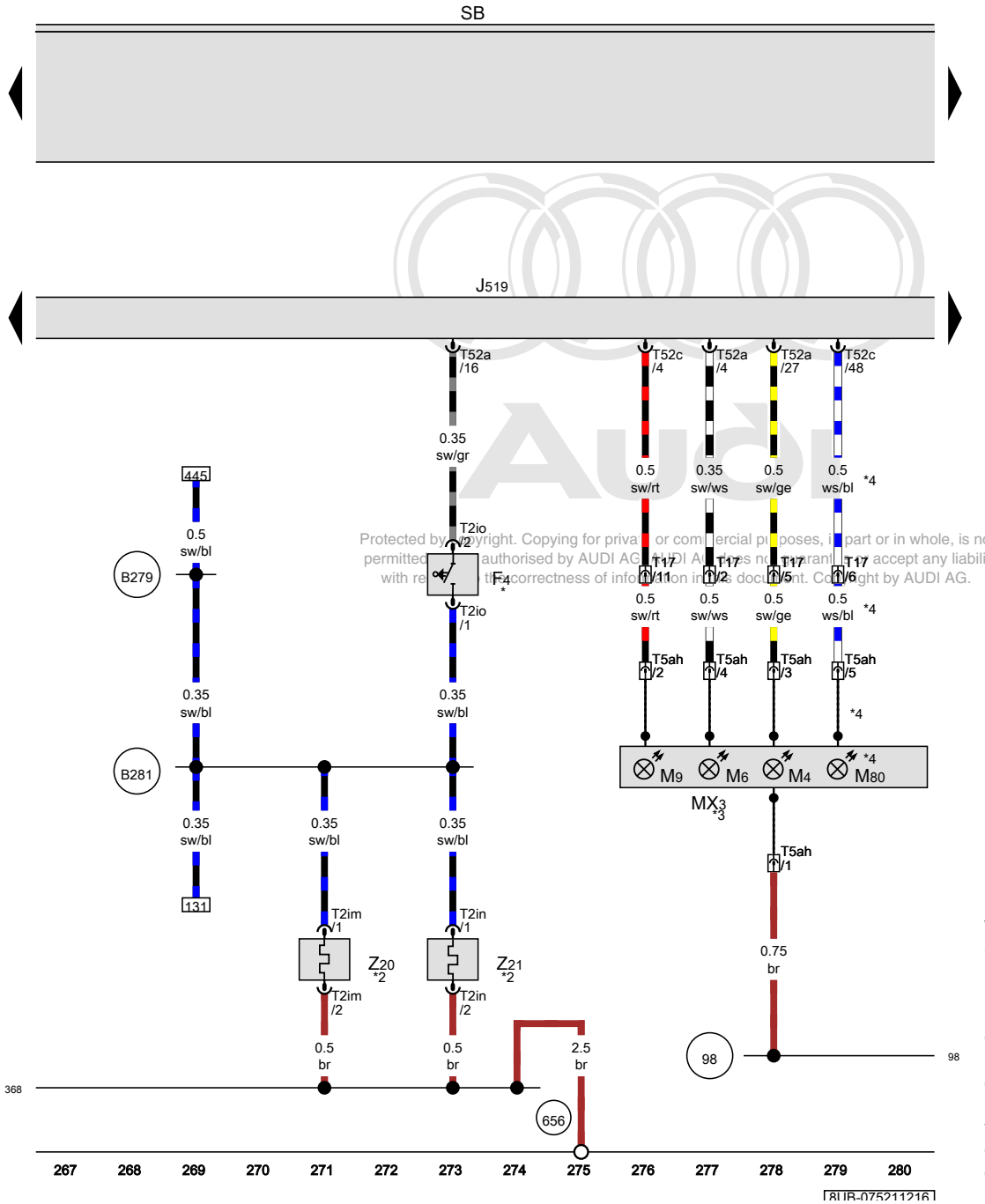


Bonnet contact switch 2, Treble horn, Horn relay, Onboard supply control unit, Right fog light bulb

F329	Bonnet contact switch 2
H2	Treble horn
J413	Horn relay
J519	Onboard supply control unit
L23	Right fog light bulb
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
T2ij	2-pin connector, black
T2ik	2-pin connector, black
T2il	2-pin connector, black
T5ad	5-pin connector, brown
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
368	Earth connection 3, in main wiring harness
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
*	Only models with fog lights

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or	=	orange
rs	=	pink

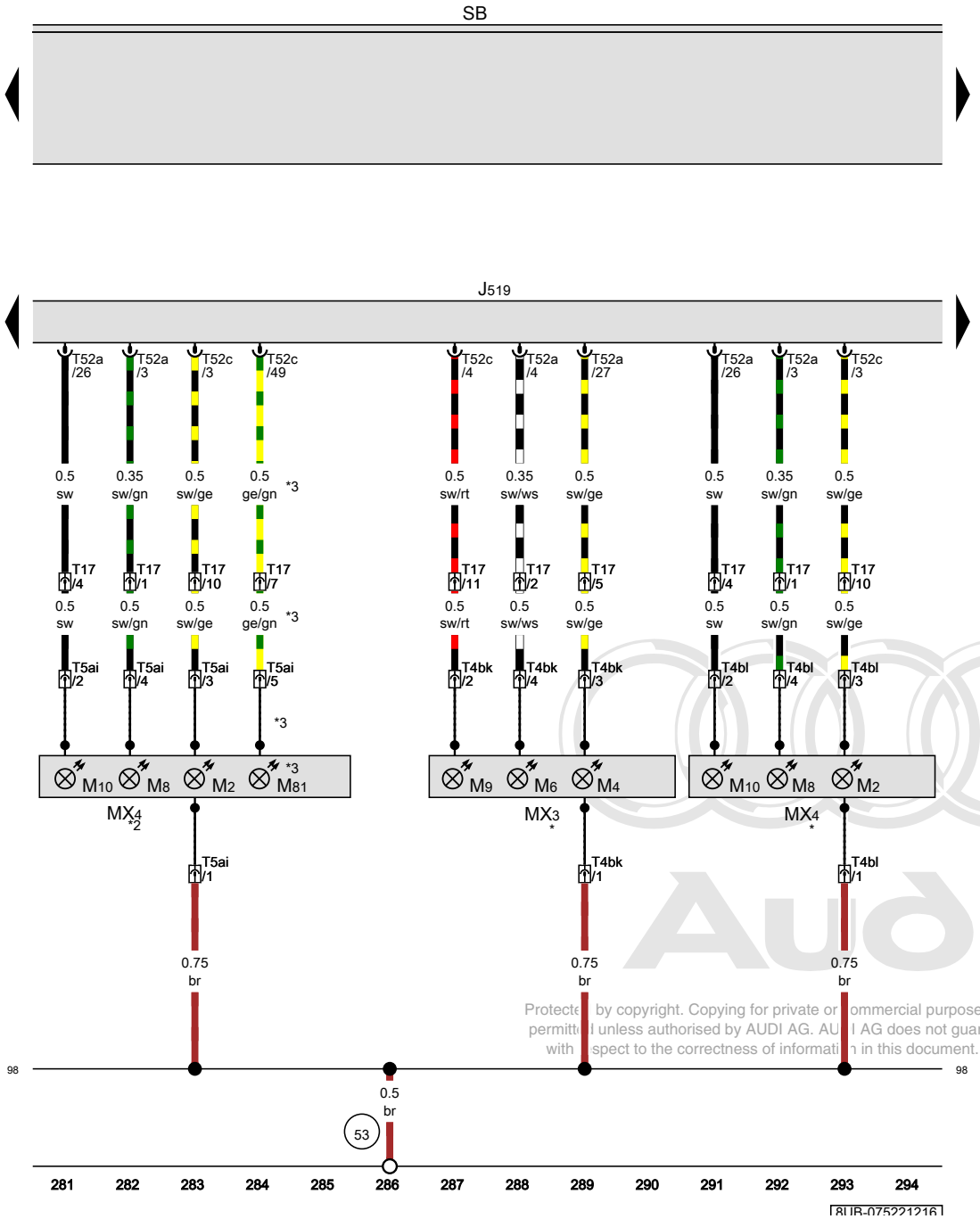


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Reversing light switch, Onboard supply control unit, Left washer jet heater element, Right washer jet heater element

F4	Reversing light switch
J519	Onboard supply control unit
MX3	Left tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M9	Left brake light bulb
M80	Bulb 2 for rear left turn signal
SB	Fuse holder B
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector, black
T5ah	5-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
Z20	Left washer jet heater element
Z21	Right washer jet heater element
98	Earth connection, in rear lid wiring harness
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight
B279	Positive connection 3 (15a) in main wiring harness
B281	Positive connection 5 (15a) in main wiring harness
*	Only models with manual gearbox
*2	Only models with heater elements for washer jets
*3	From November 2014
*4	Only models with sequential turn signals

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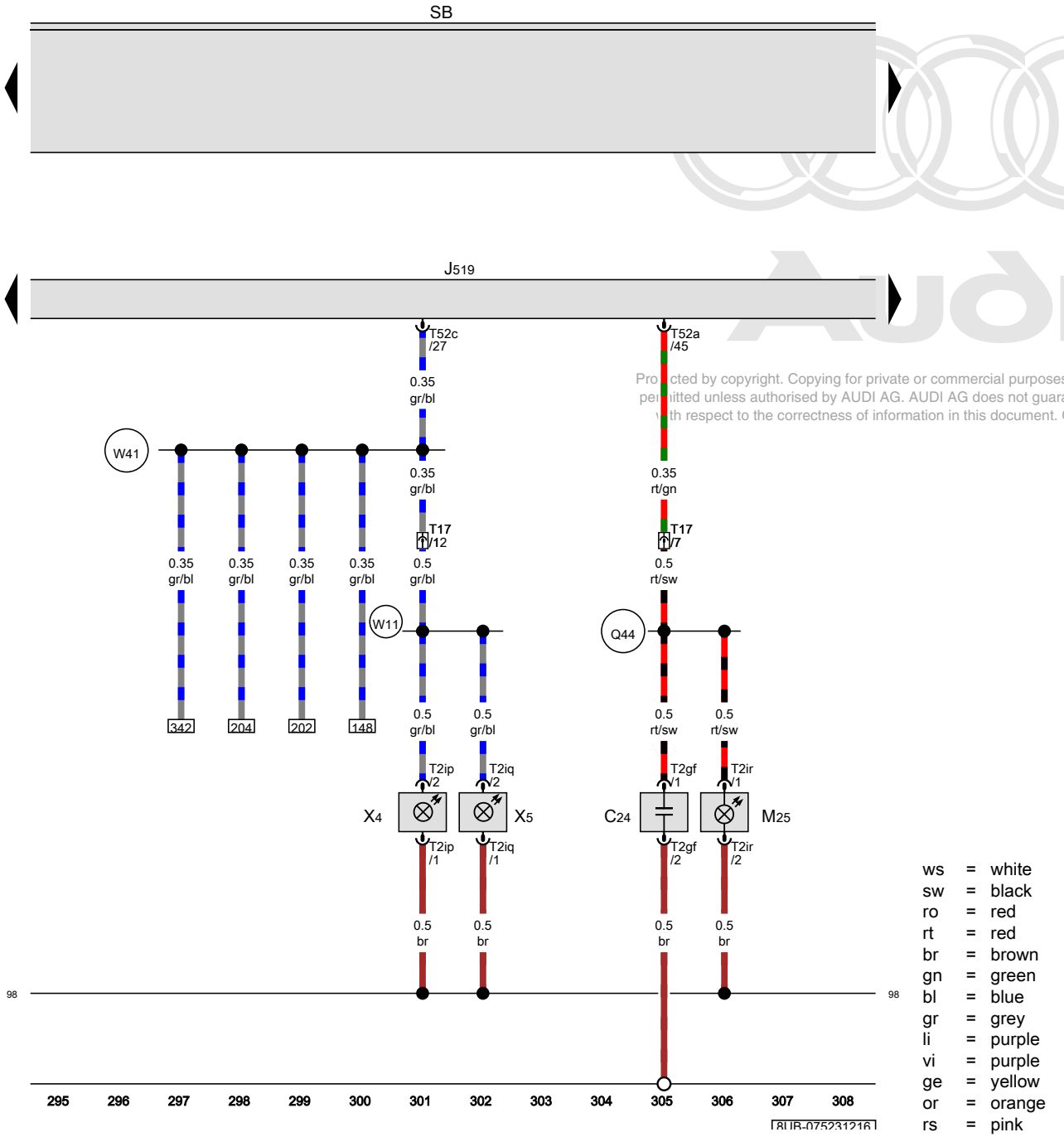
Onboard supply control unit, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb

J519	Onboard supply control unit
M2	Right tail light bulb
MX3	Left tail light
MX4	Right tail light
M4	Left tail light bulb
M6	Rear left turn signal bulb
M8	Rear right turn signal bulb
M9	Left brake light bulb
M10	Right brake light bulb
M81	Bulb 2 for rear right turn signal
SB	Fuse holder B
T4bk	4-pin connector, brown
T4bl	4-pin connector, brown
T5ai	5-pin connector, brown
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
53	Earth point, on right in rear lid
98	Earth connection, in rear lid wiring harness
*	Up to November 2014
*2	From November 2014
*3	Only models with sequential turn signals

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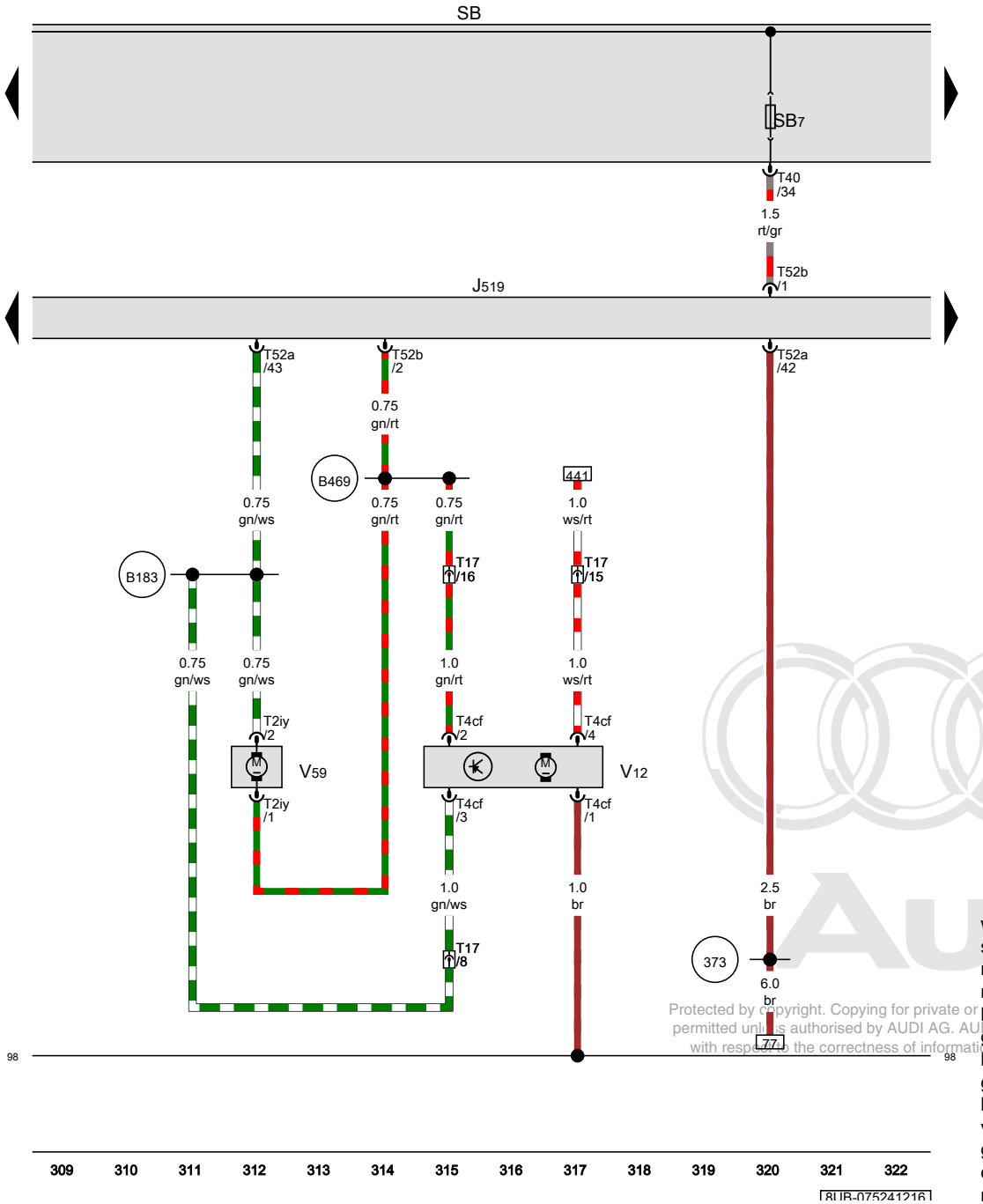
Onboard supply control unit, High-level brake light bulb

C24	Suppression filter
J519	Onboard supply control unit
M25	High-level brake light bulb
SB	Fuse holder B
T2gf	2-pin connector
T2ip	2-pin connector, black
T2iq	2-pin connector, black
T2ir	2-pin connector, black
T17	17-pin connector, black
T52a	52-pin connector, black
T52c	52-pin connector, brown
X4	Left number plate light
X5	Right number plate light
98	Earth connection, in rear lid wiring harness
Q44	Connection 2, in rear lid wiring harness
W11	Connection (58), in rear lid wiring harness
W41	Positive connection (58), in number plate lights 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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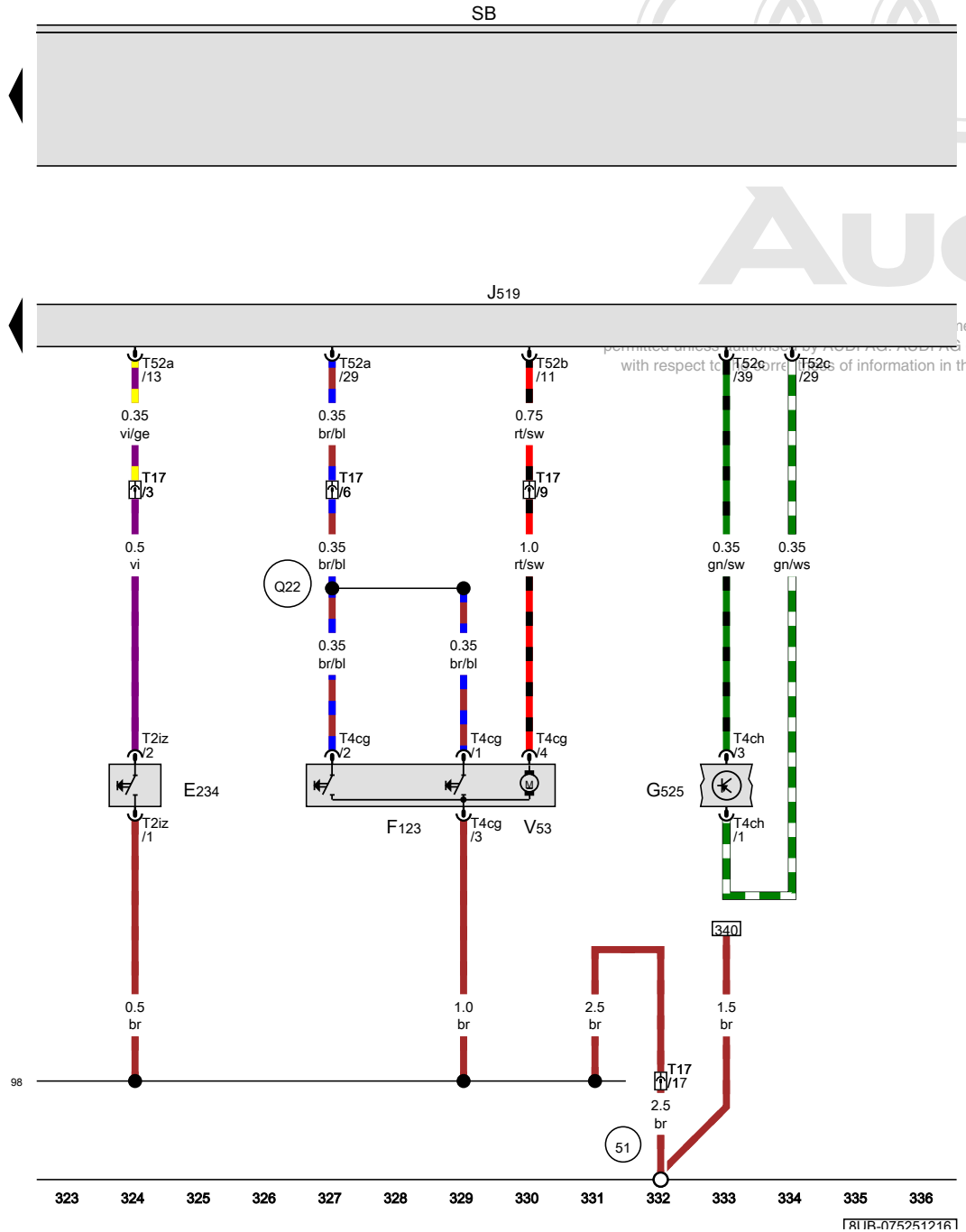


Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

J519	Onboard supply control unit
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
T2iy	2-pin connector, black
T4cf	4-pin connector, black
T17	17-pin connector, black
T40	40-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
98	Earth connection, in rear lid wiring harness
373	Earth connection 8, in main wiring harness
B183	Connection 1 (washer pump), in interior wiring harness
B469	Connection 5, in main wiring harness

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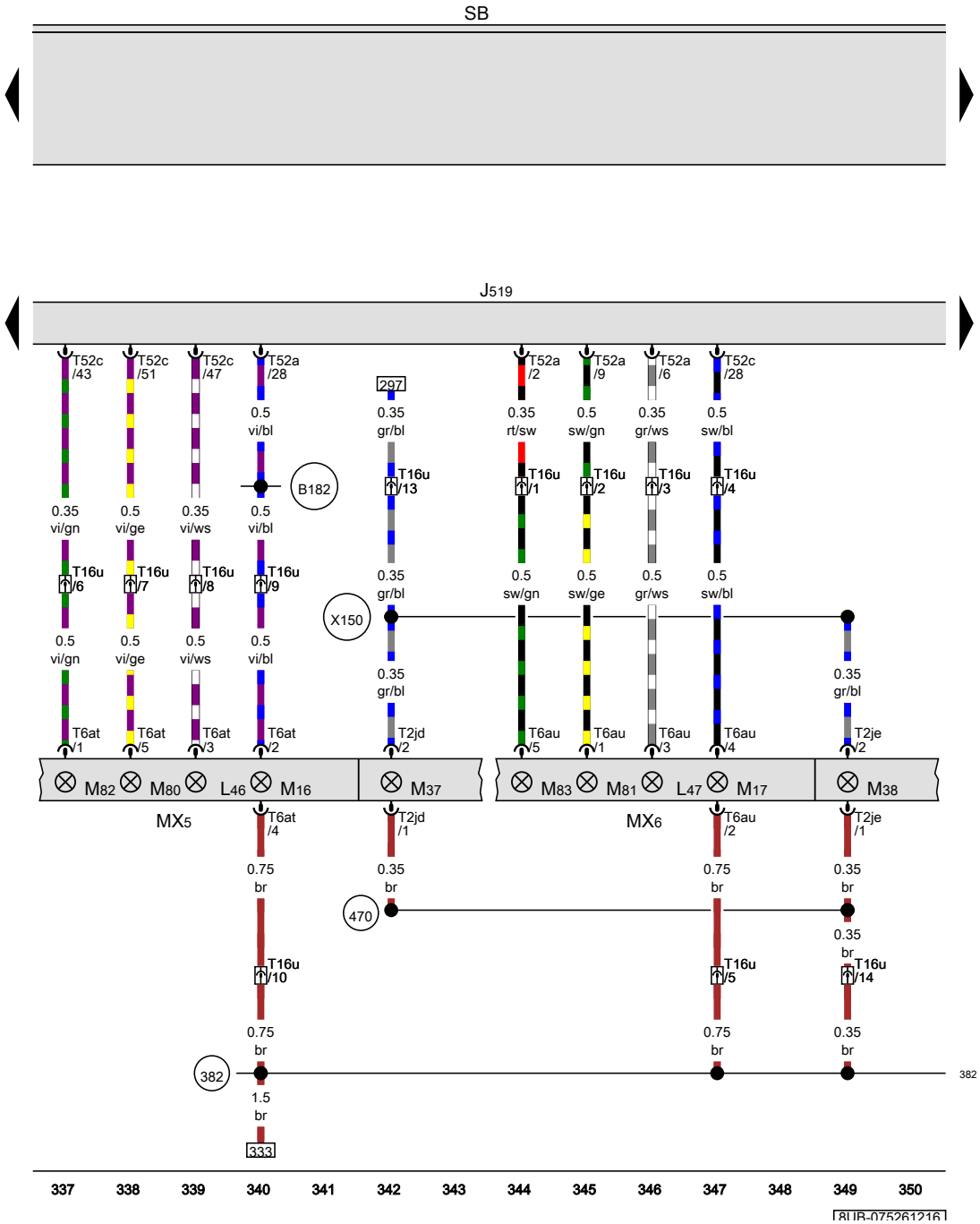


Rear lid handle release button, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

E234	Rear lid handle release button
F123	Rear lid contact switch for anti-theft alarm
G525	Rear lid closed sender 1
J519	Onboard supply control unit
SB	Fuse holder B
T2iz	2-pin connector, black
T4cg	4-pin connector, black
T4ch	4-pin connector, black
T17	17-pin connector, black
T52a	52-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
V53	Rear lid central locking motor
51	Earth point, on right in luggage compartment
98	Earth connection, in rear lid wiring harness
Q22	Connection 1, in rear lid wiring harness

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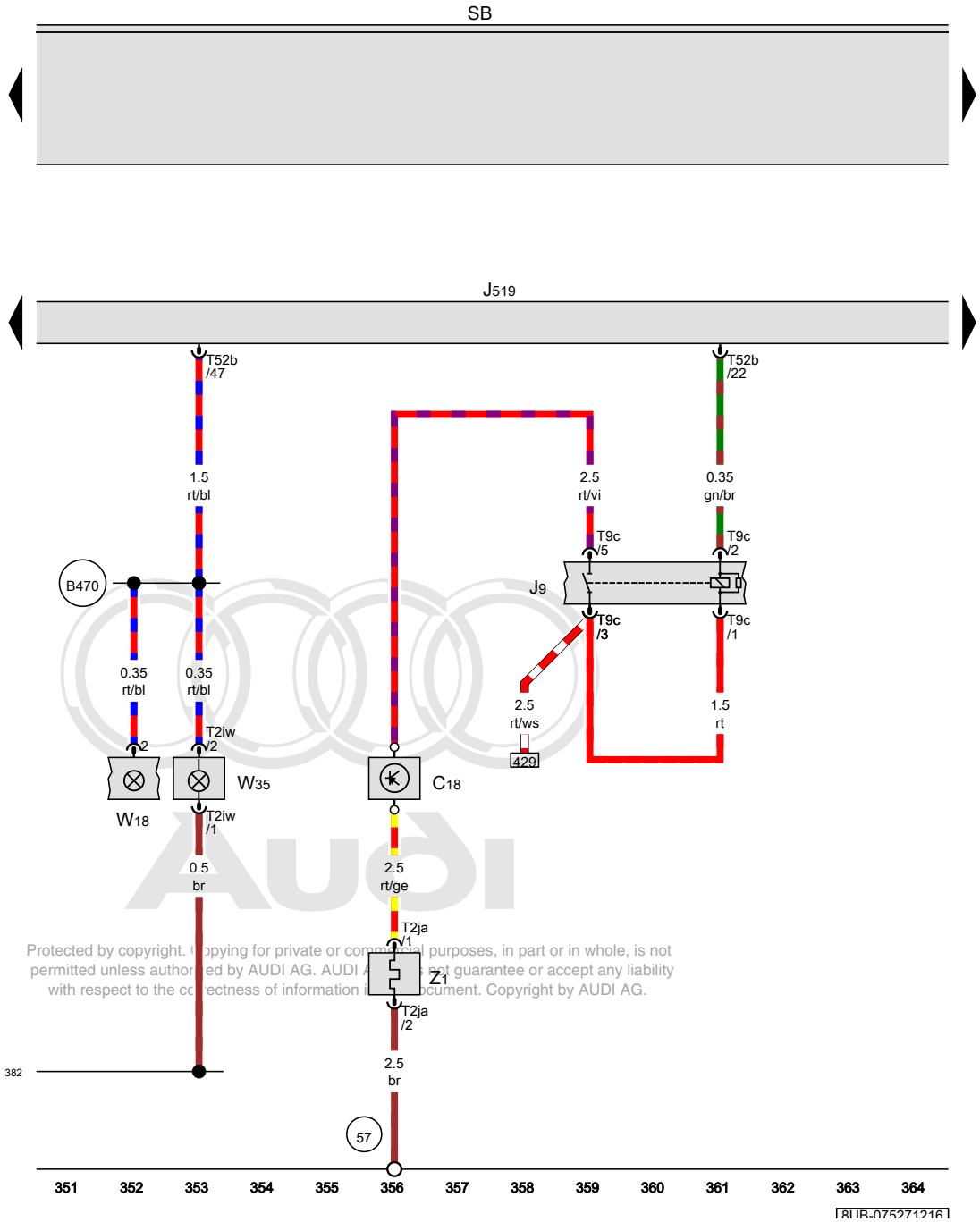


Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left reversing light bulb, Right reversing light bulb, Rear left side marker bulb, Rear right side marker bulb, Bulb 2 for rear left turn signal, Bulb 2 for rear right turn signal, Left brake and tail light bulb 3, Right brake and tail light bulb 3

J519	Onboard supply control unit
L46	Rear left fog light bulb
L47	Rear right fog light bulb
MX5	Left tail light 2
MX6	Right tail light 2
M16	Left reversing light bulb
M17	Right reversing light bulb
M37	Rear left side marker bulb
M38	Rear right side marker bulb
M80	Bulb 2 for rear left turn signal
M81	Bulb 2 for rear right turn signal
M82	Left brake and tail light bulb 3
M83	Right brake and tail light bulb 3
SB	Fuse holder B
T2jd	2-pin connector, black
T2je	2-pin connector, black
T6at	6-pin connector, black
T6au	6-pin connector, black
T16u	16-pin connector, brown
T52a	52-pin connector, black
T52c	52-pin connector, brown
382	Earth connection 17, in main wiring harness
470	Earth connection 1, in rear bumper wiring harness
B182	Connection (RL), in interior wiring harness
X150	Connection (58), rear bumper wiring harness

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rt	=	red
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gn	=	green
bl	=	blue
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li	=	purple
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Heated rear window relay, Onboard supply control unit, Right luggage compartment light, Heated rear window

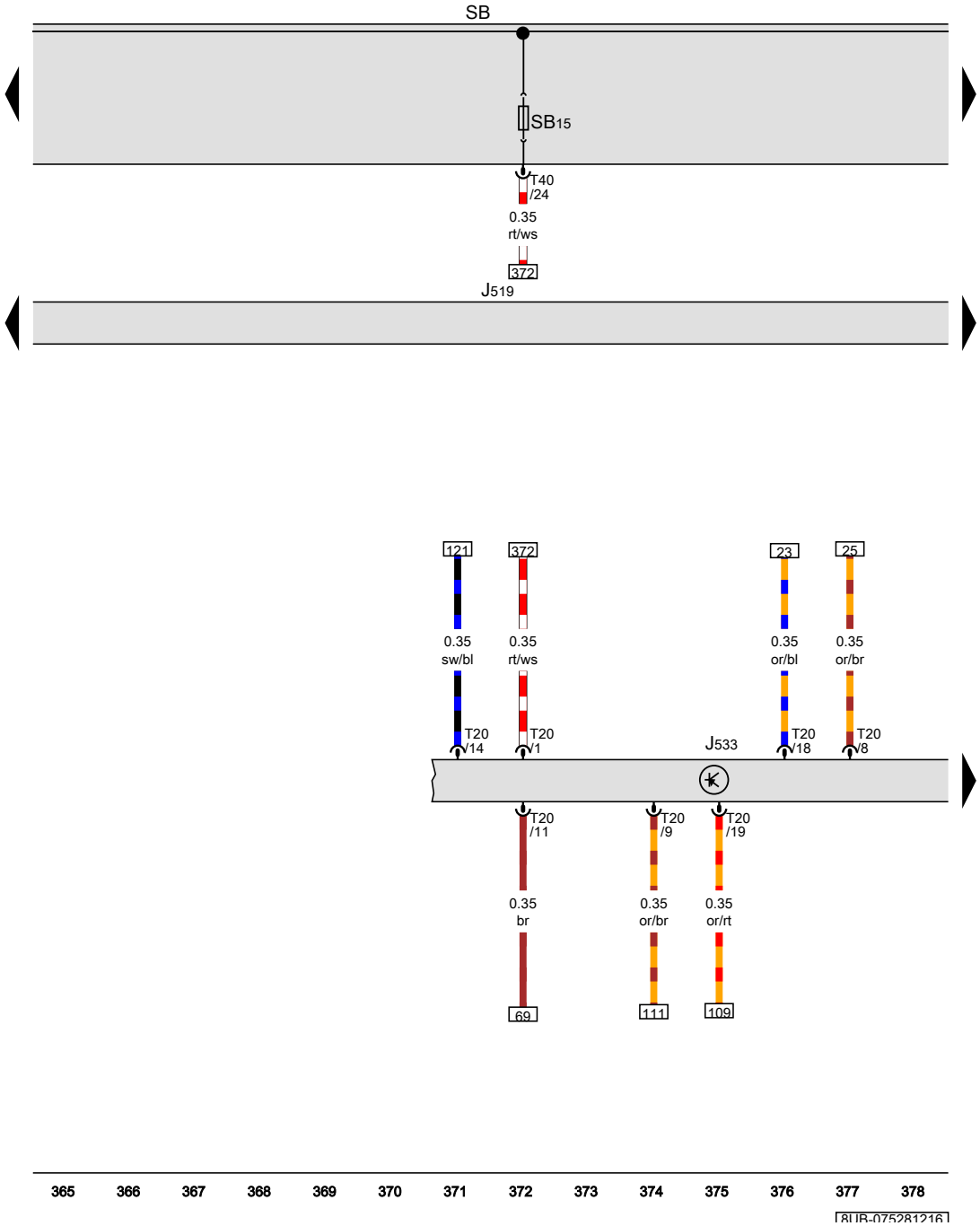
C18	Window aerial suppression filter
J9	Heated rear window relay
J519	Onboard supply control unit
SB	Fuse holder B
T2iw	2-pin connector, black
T2ja	2-pin connector
T9c	9-pin connector, blue
T52b	52-pin connector, colourless
W18	Luggage compartment light on left
W35	Right luggage compartment light
Z1	Heated rear window
57	Earth point, rear left pillar
382	Earth connection 17, in main wiring harness
B470	Connection 6, in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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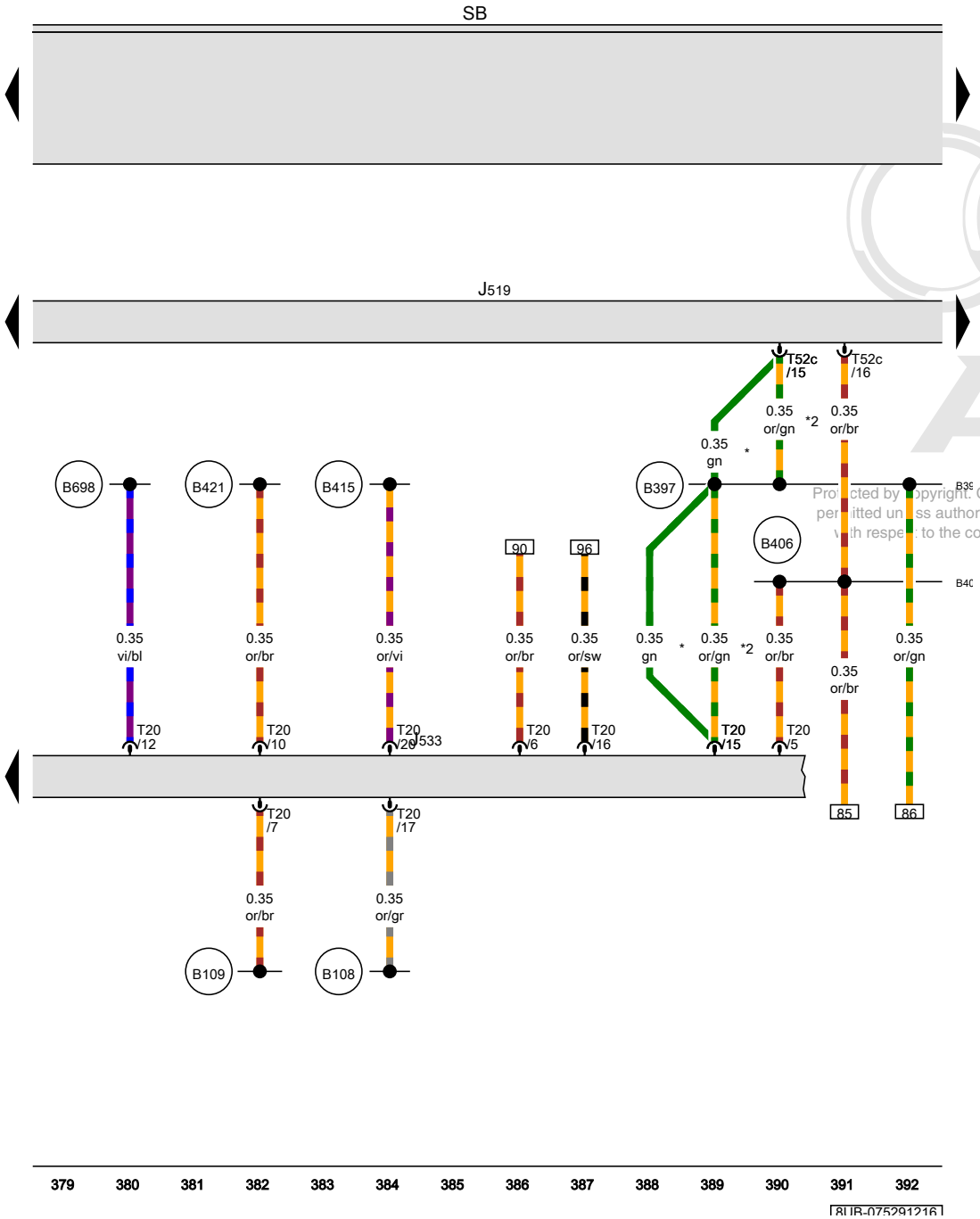
Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector, red
T40	40-pin connector, black

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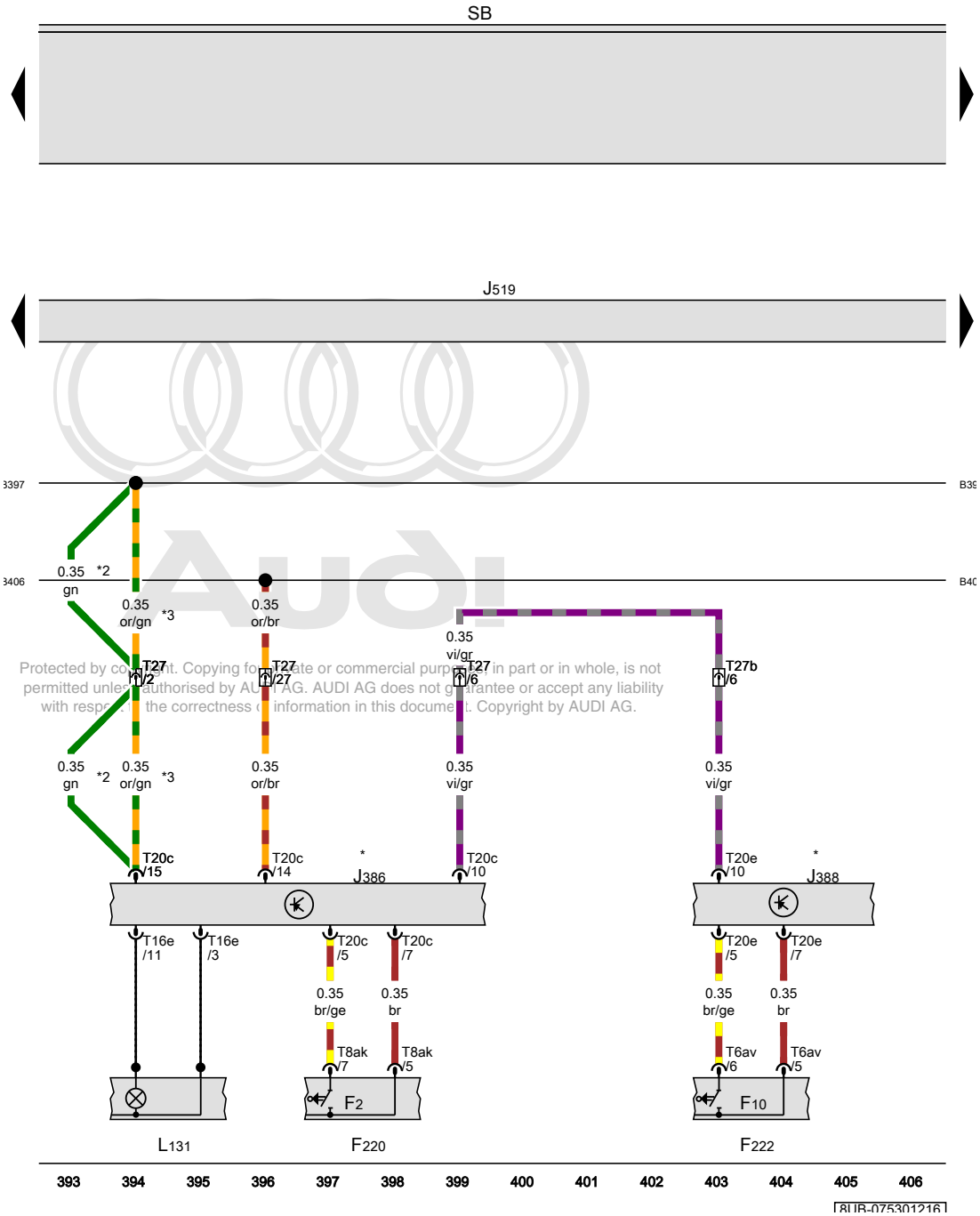


Onboard supply control unit, Data bus diagnostic interface

J519	Onboard supply control unit
J533	Data bus diagnostic interface
SB	Fuse holder B
T20	20-pin connector, red
T52c	52-pin connector, brown
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
*	From November 2016
*2	Up to October 2016

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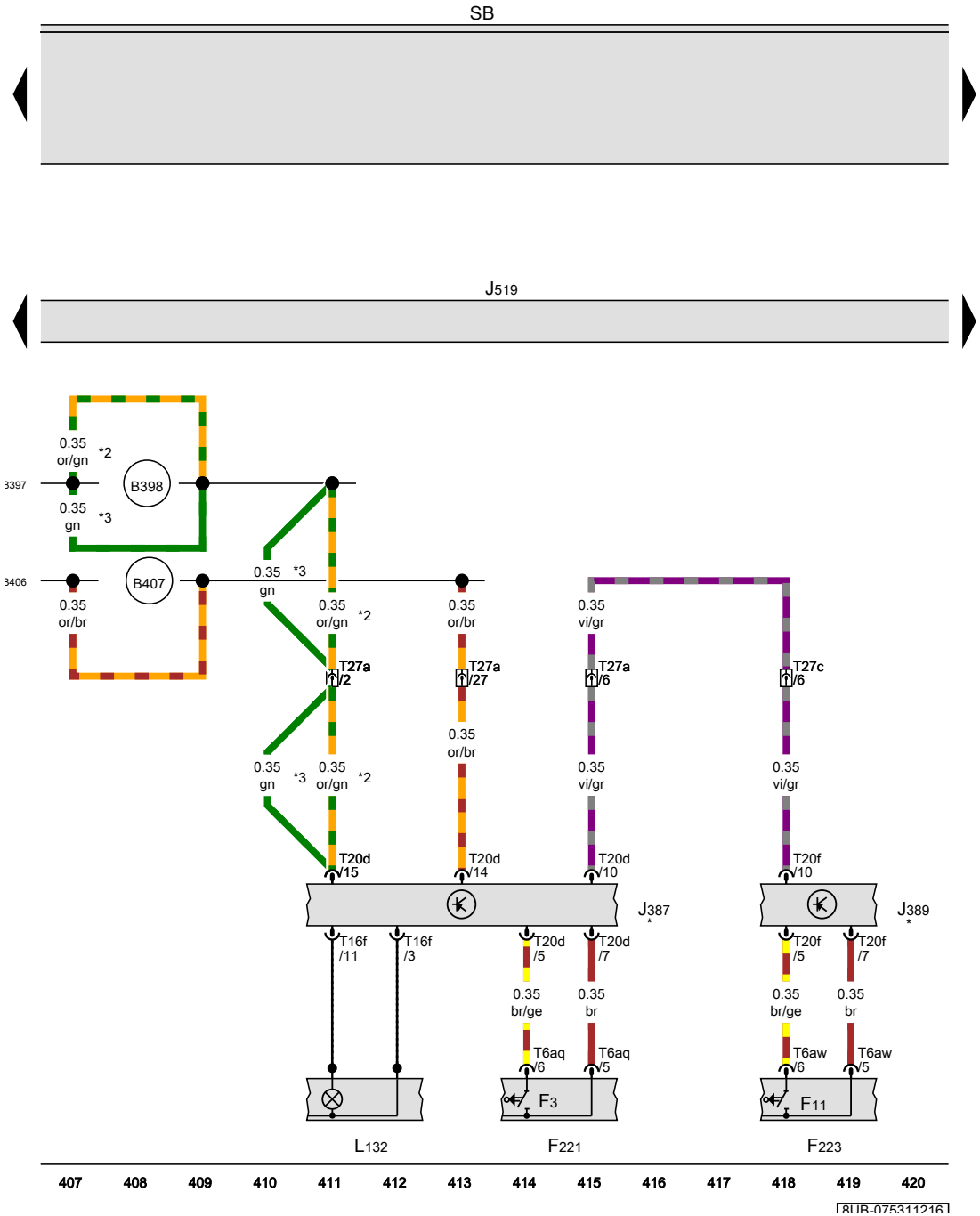


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Driver side central locking lock unit, Rear left central locking lock unit, Driver door control unit, Rear left door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

F2	Driver door contact switch
F10	Rear left door contact switch
F220	Driver side central locking lock unit
F222	Rear left central locking lock unit
J386	Driver door control unit
J388	Rear left door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
SB	Fuse holder B
T6av	6-pin connector, black
T8ak	8-pin connector, black
T16e	16-pin connector, black
T20c	20-pin connector, black
T20e	20-pin connector, black
T27	27-pin connector, on left A-pillar
T27b	27-pin connector, on left B-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	From November 2016
*3	Up to October 2016

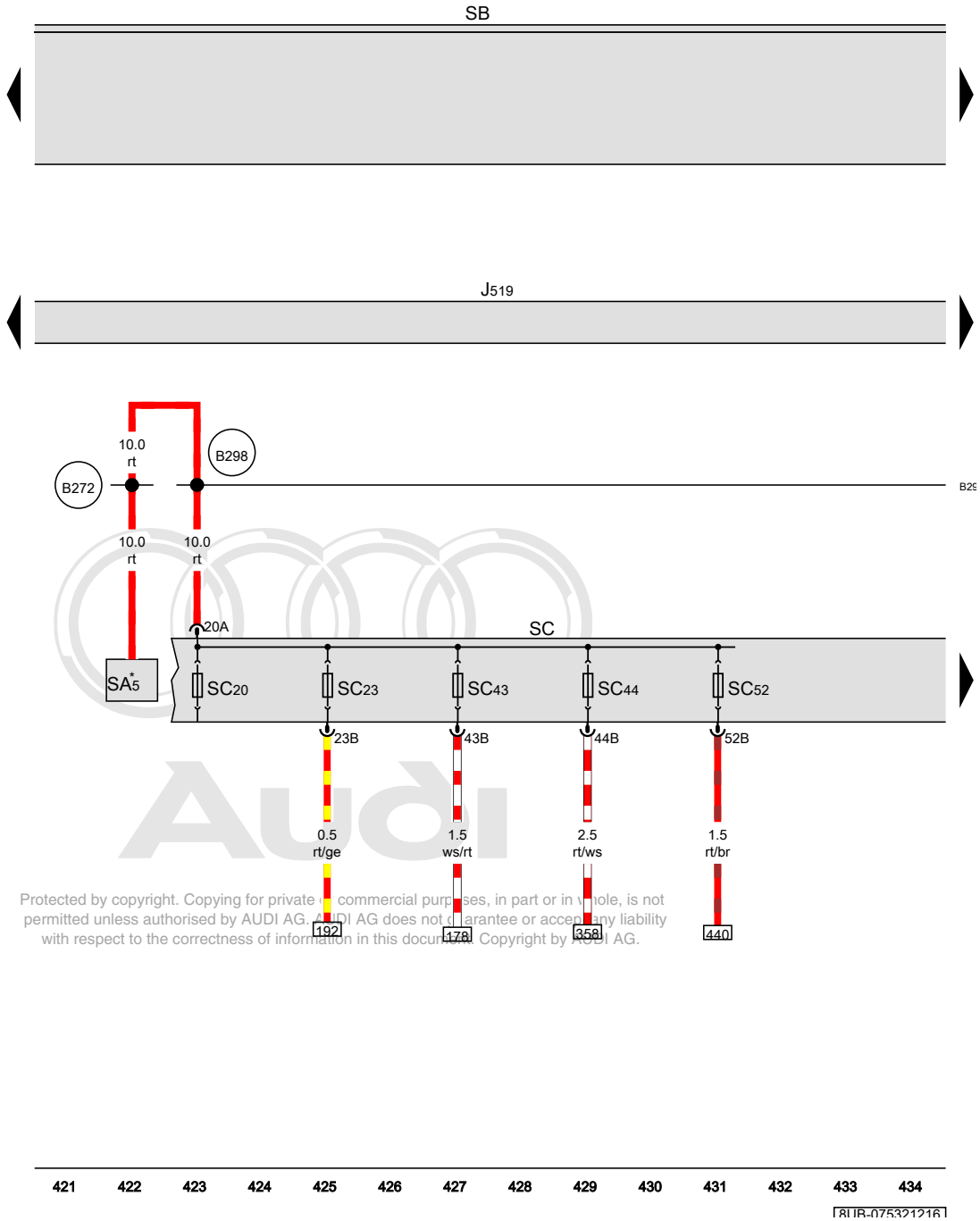


Front passenger side central locking lock unit, Rear right central locking lock unit, Front passenger door control unit, Rear right door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

F3	Front passenger door contact switch
F11	Rear right door contact switch
F221	Front passenger side central locking lock unit
F223	Rear right central locking lock unit
J387	Front passenger door control unit
J389	Rear right door control unit
J519	Onboard supply control unit
L132	Front passenger side turn signal repeater bulb
SB	Fuse holder B
T6aq	6-pin connector, black
T6aw	6-pin connector, black
T16f	16-pin connector, black
T20d	20-pin connector, black
T20f	20-pin connector, black
T27a	27-pin connector, in right A-pillar, on right A-pillar
T27c	27-pin connector, on right B-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system
*2	Up to October 2016
*3	From November 2016

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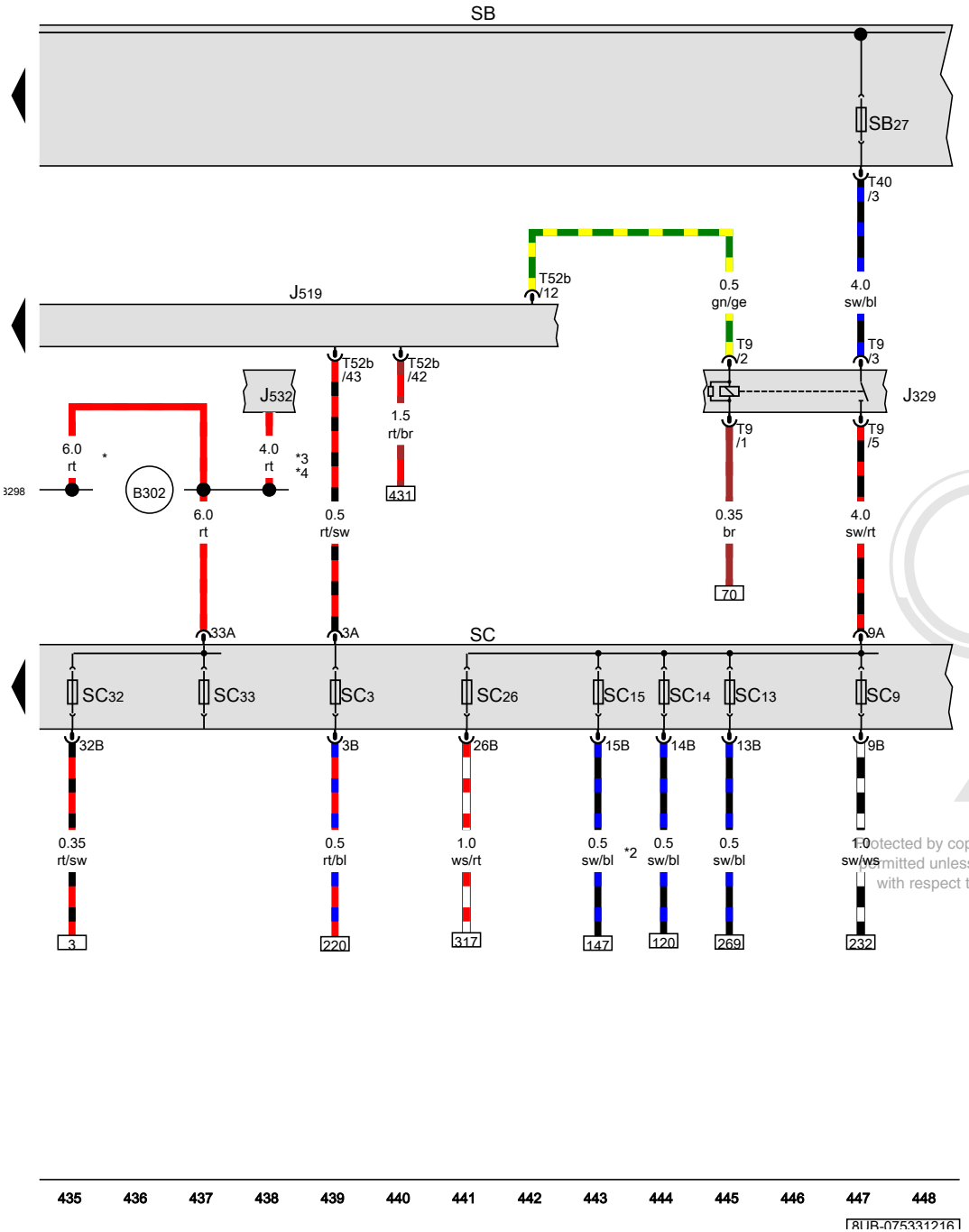


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Onboard supply control unit, Fuse holder C

J519	Onboard supply control unit
SA5	Fuse 5 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC44	Fuse 44 on fuse holder C
SC52	Fuse 52 on fuse holder C
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
*	see applicable current flow diagram for battery

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



Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J532	Voltage stabiliser
SB	Fuse holder B
SC	Fuse holder C
SC3	Fuse 3 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC26	Fuse 26 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC32	Fuse 32 on fuse holder C
SC33	Fuse 33 on fuse holder C
T9	9-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
B298	Positive connection 2 (30), in main wiring harness
B302	Positive connection 6 (30), in main wiring harness
*	Only models with no start/stop system
*2	Cross section depends on equipment
*3	Only models with start/stop system
*4	see applicable current flow diagram for battery

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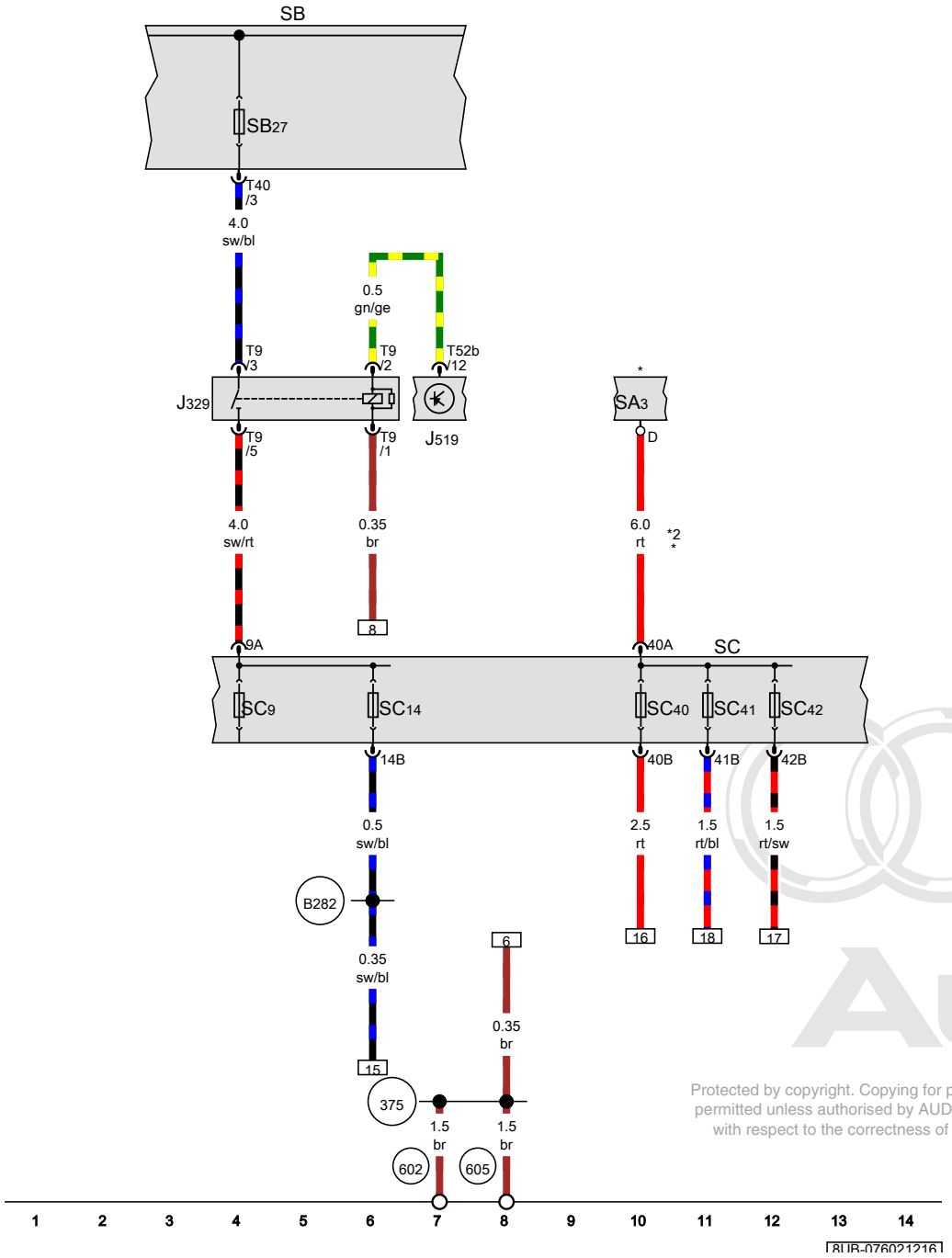
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Towing bracket, only models with US equipment , (1D8),(5C1)

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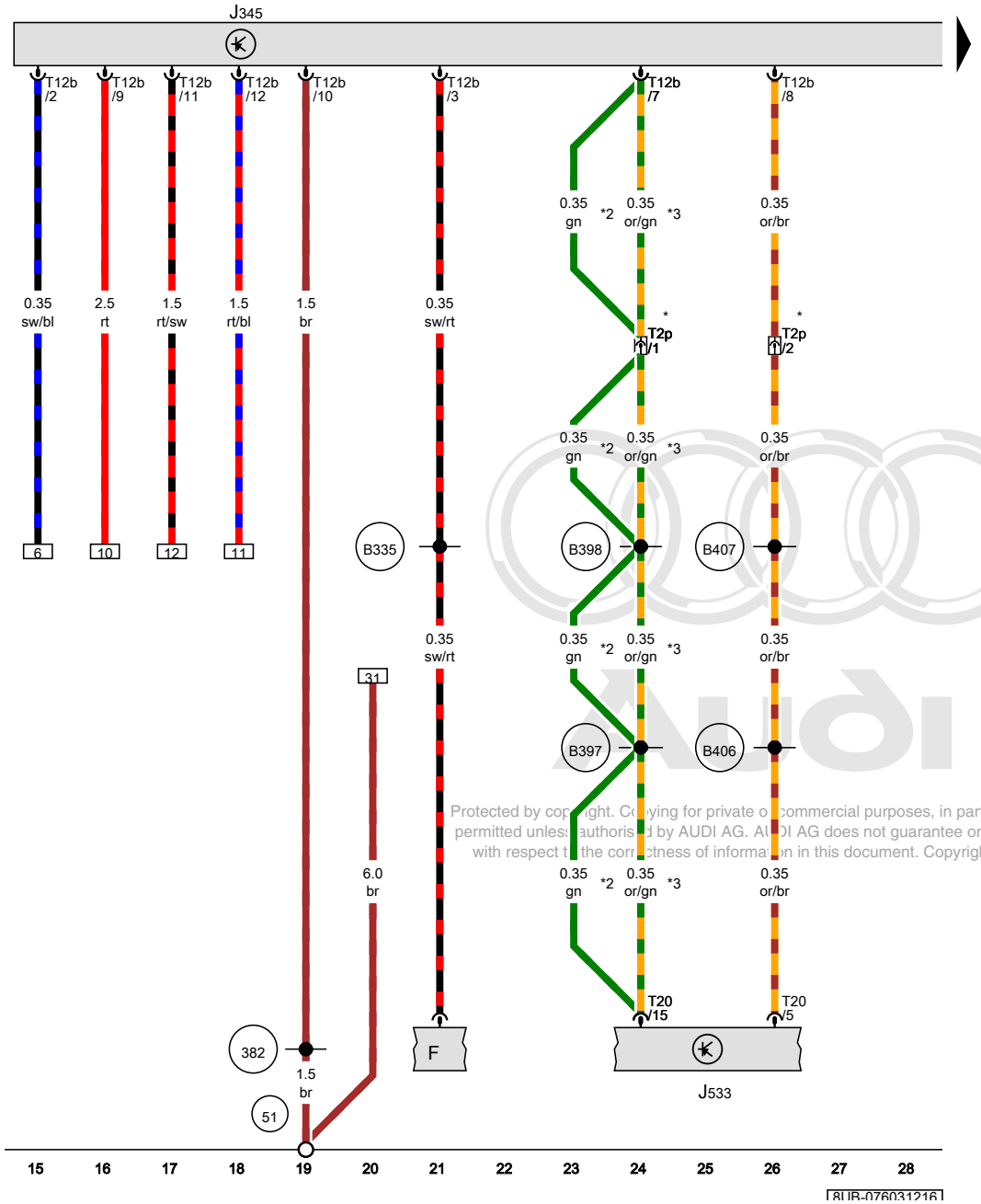


Terminal 15 voltage supply relay

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA3	Fuse 3 on fuse holder A
SB	Fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B282	Positive connection 6 (15a) in main wiring harness
*	see applicable current flow diagram
*2	Only models with battery in engine compartment

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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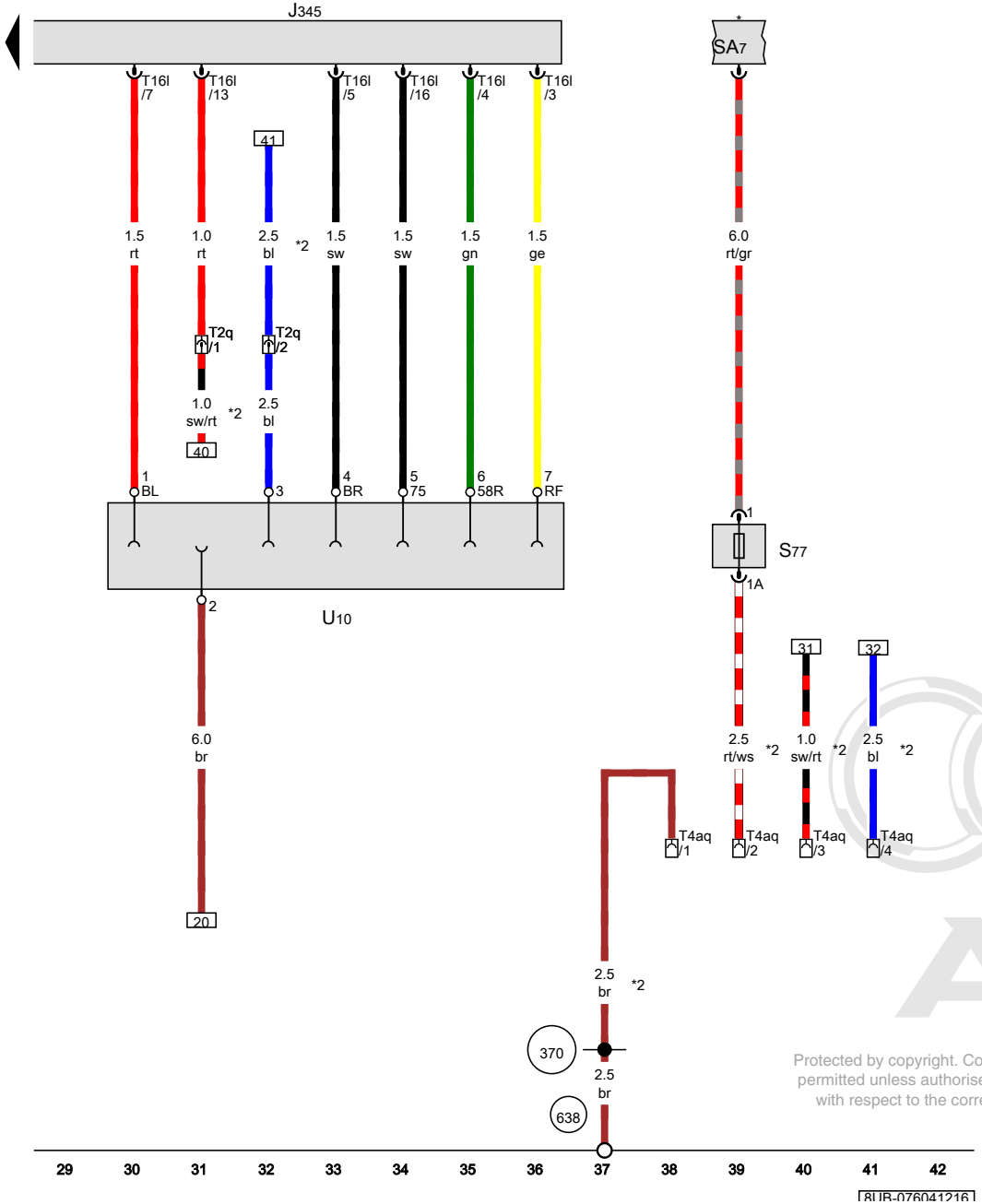
ws = white
sw = black
ro = red
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Brake light switch, Trailer detector control unit

F	Brake light switch
J345	Trailer detector control unit
J533	Data bus diagnostic interface
T2p	2-pin connector
T12b	12-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
B335	Connection 1 (54), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling
*2	From November 2016
*3	Up to October 2016

Trailer detector control unit, Terminal 30 fuse, trailer towing attachment, Trailer socket

J345	Trailer detector control unit
SA7	Fuse 7 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
T2q	2-pin connector
T4aq	4-pin connector
T16l	16-pin connector
U10	Trailer socket
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
*	see applicable current flow diagram
*2	Only models with preparation for trailer coupling



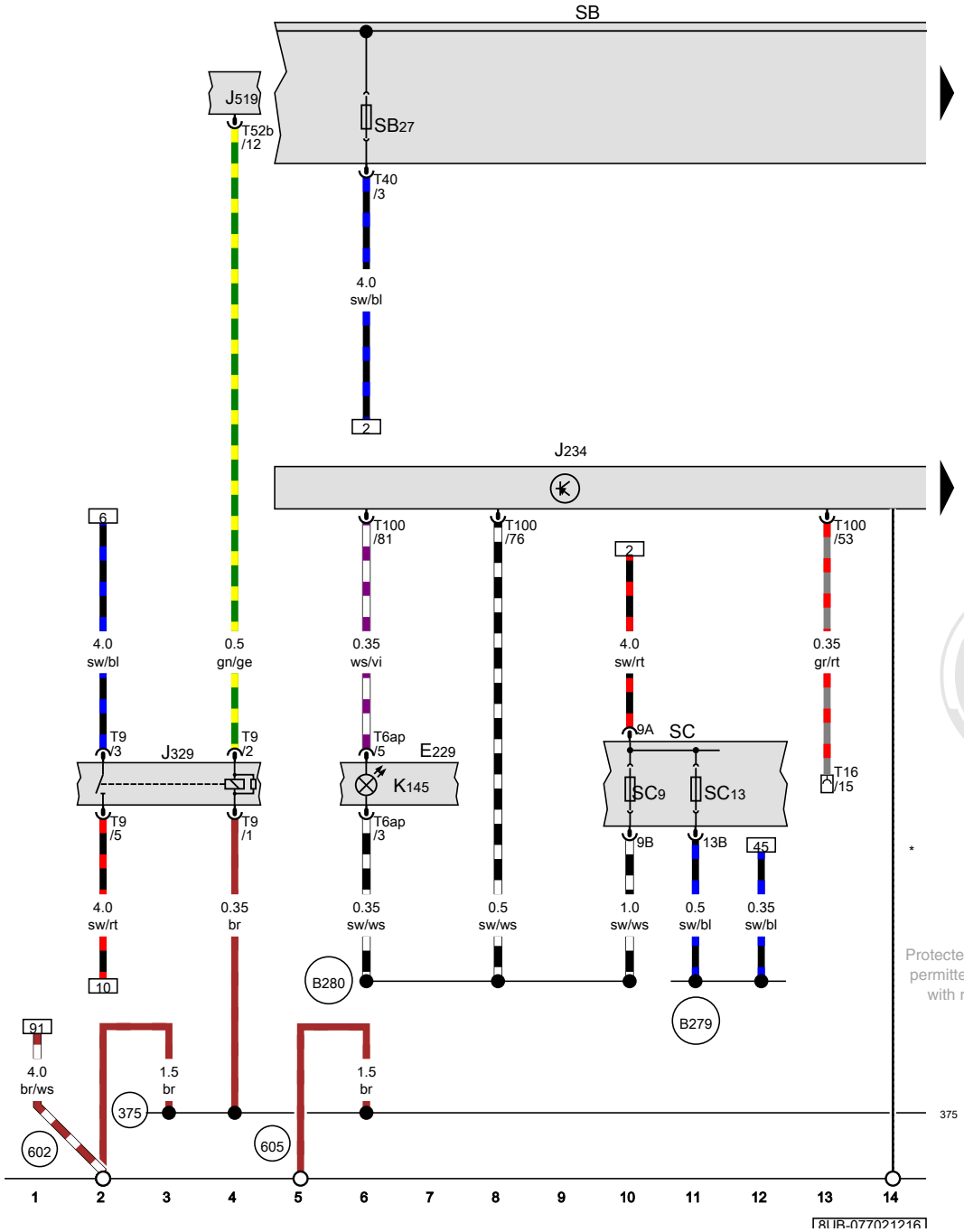
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li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

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Airbag systems (US equipment) , (4UM)

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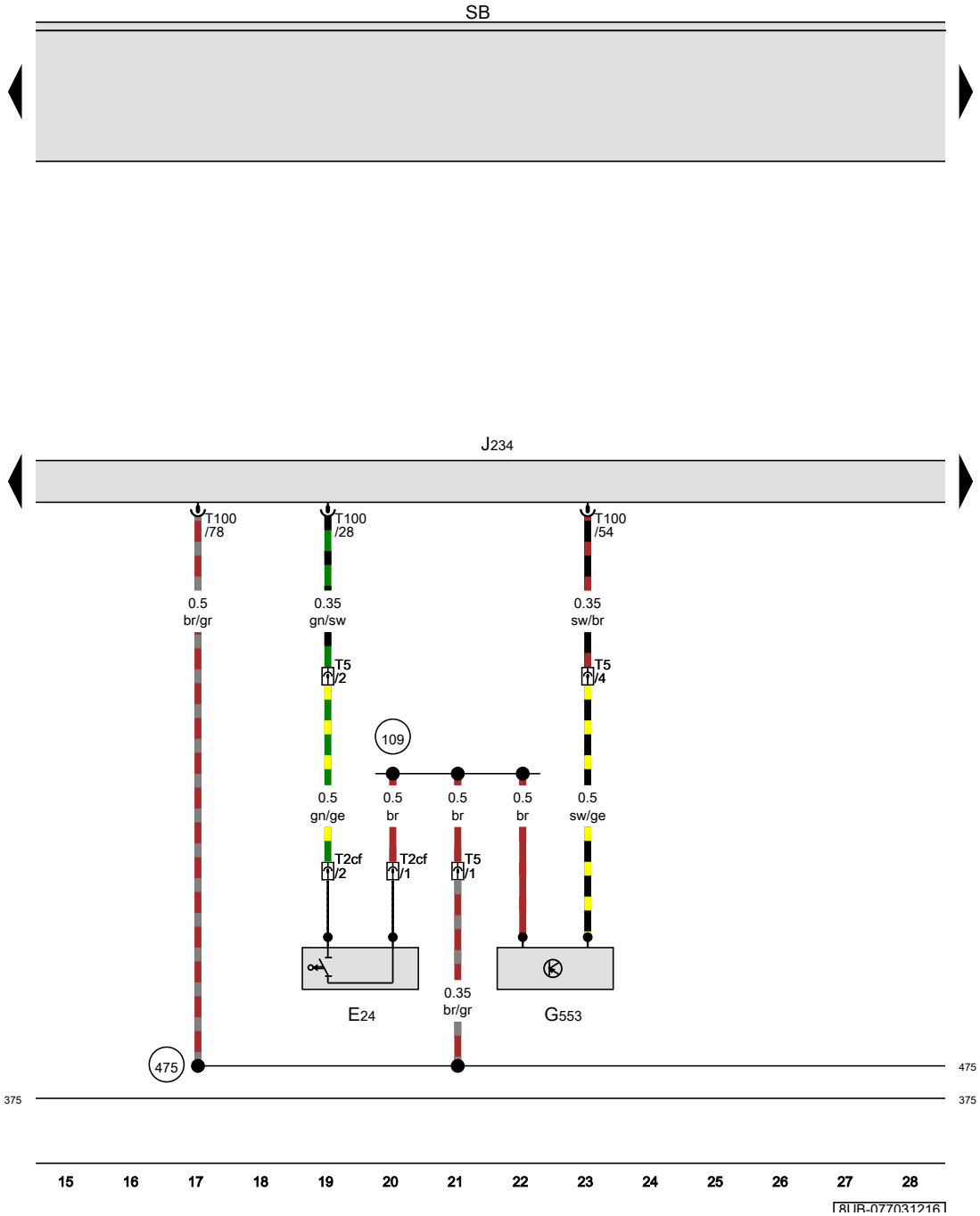


Hazard warning lights button, Terminal 15 voltage supply relay, Onboard supply control unit

E229	Hazard warning lights button
J234	Airbag control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
K145	Front passenger side airbag deactivated warning lamp
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
T6ap	6-pin connector
T9	9-pin connector
T16	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T100	100-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B279	Positive connection 3 (15a) in main wiring harness
B280	Positive connection 4 (15a) in main wiring harness
*	Earthed via connector housing

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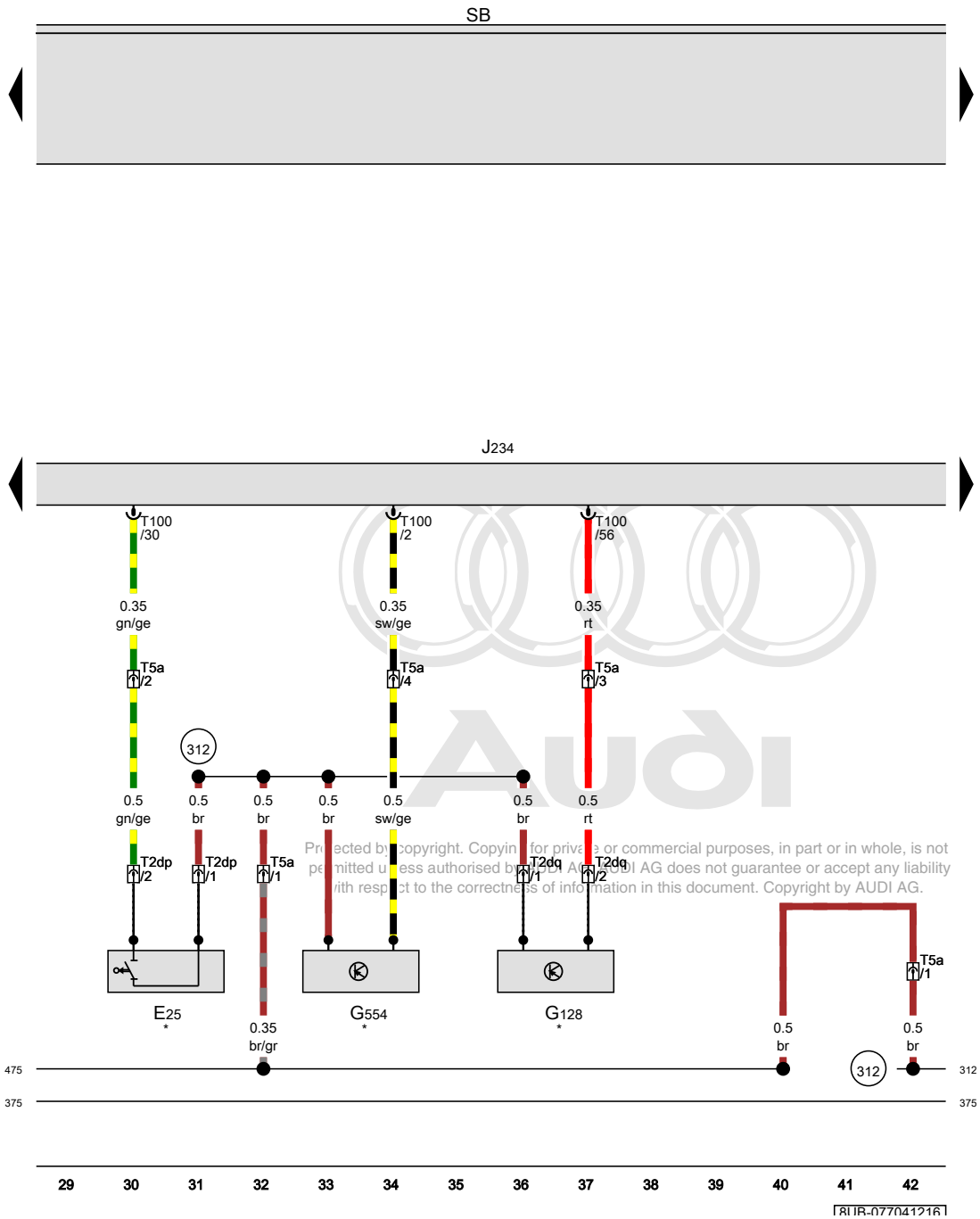


Driver side belt switch, Driver side seat position sensor

E24	Driver side belt switch
G553	Driver side seat position sensor
J234	Airbag control unit
SB	Fuse holder B
T2cf	2-pin connector, black
T5	5-pin connector
T100	100-pin connector
109	Earth connection, in airbag wiring harness
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness

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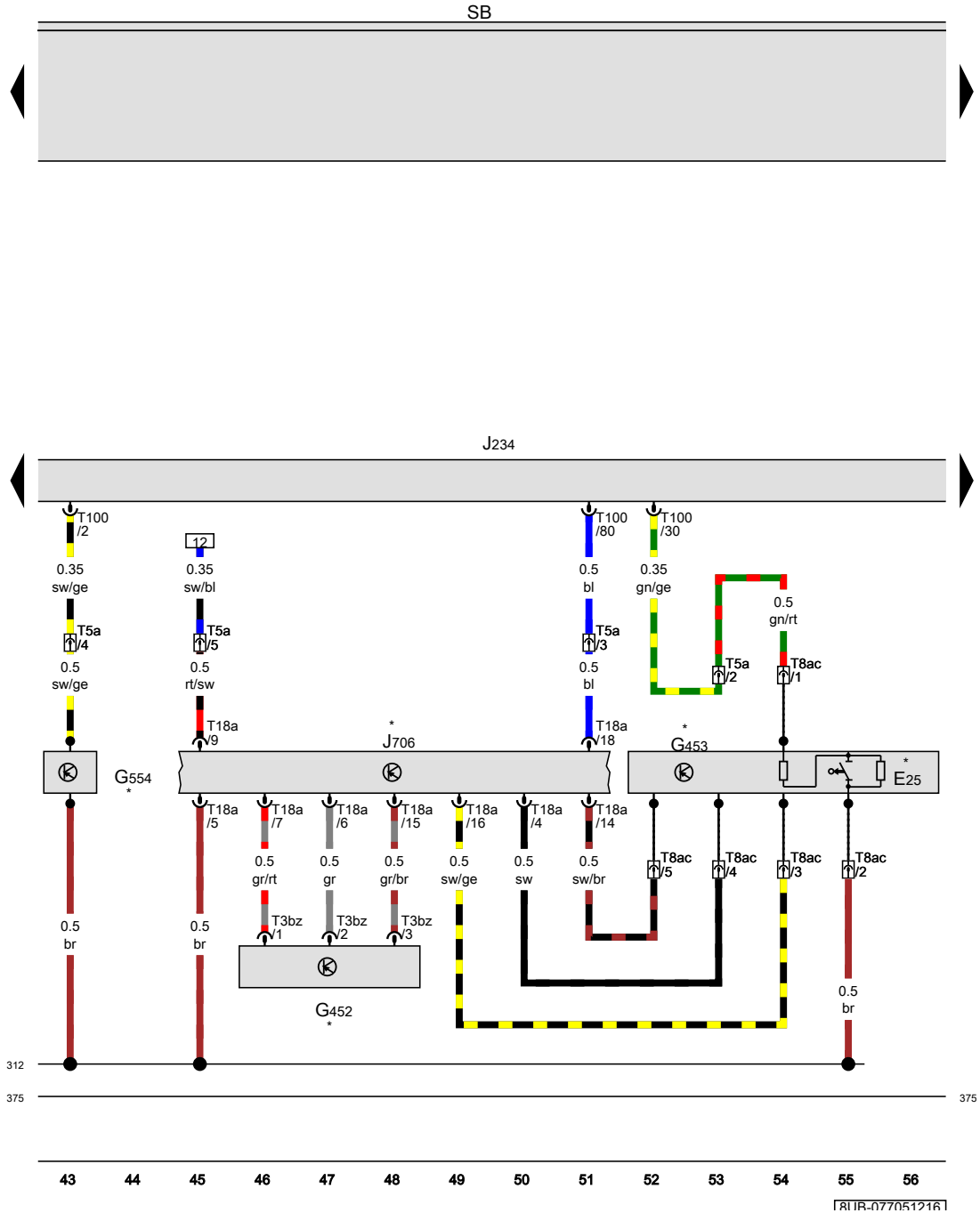


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Front passenger side belt switch, Seat occupied sensor, front passenger side, Front passenger side seat position sensor

E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
G554	Front passenger side seat position sensor
J234	Airbag control unit
SB	Fuse holder B
T2dp	2-pin connector
T2dq	2-pin connector
T5a	5-pin connector
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
375	Earth connection 10, in main wiring harness
475	Earth connection (airbag), in main wiring harness
*	Only models with equipment for Canada

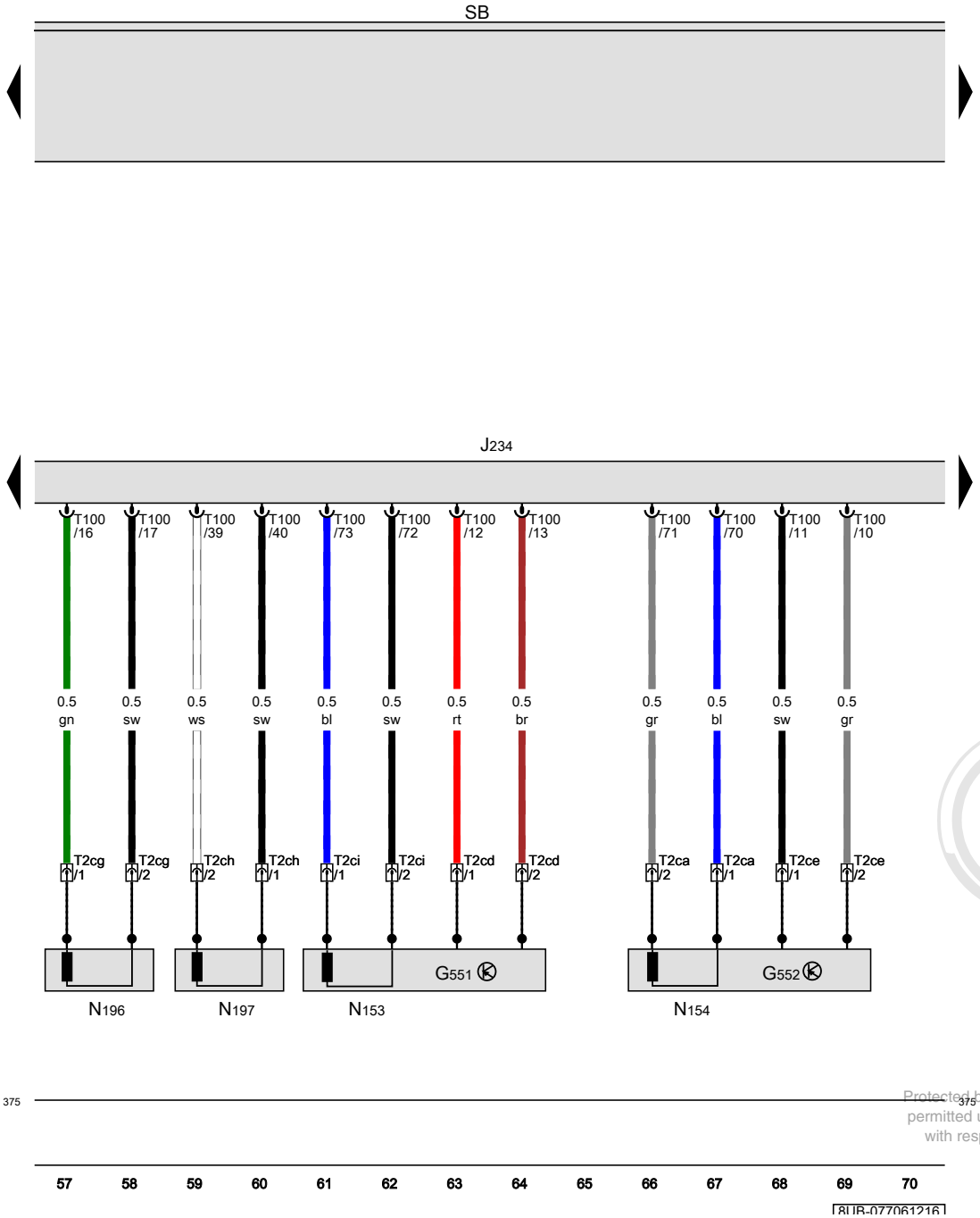


Front passenger side belt switch, Pressure sensor for seat occupied recognition, Seat belt force sensor for seat occupied recognition, Front passenger side seat position sensor, Seat occupied recognition control unit

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
SB	Fuse holder B
T3bz	3-pin connector
T5a	5-pin connector
T8ac	8-pin connector
T18a	18-pin connector
T100	100-pin connector
312	Earth connection 2, in airbag wiring harness
375	Earth connection 10, in main wiring harness
*	Only models with US equipment

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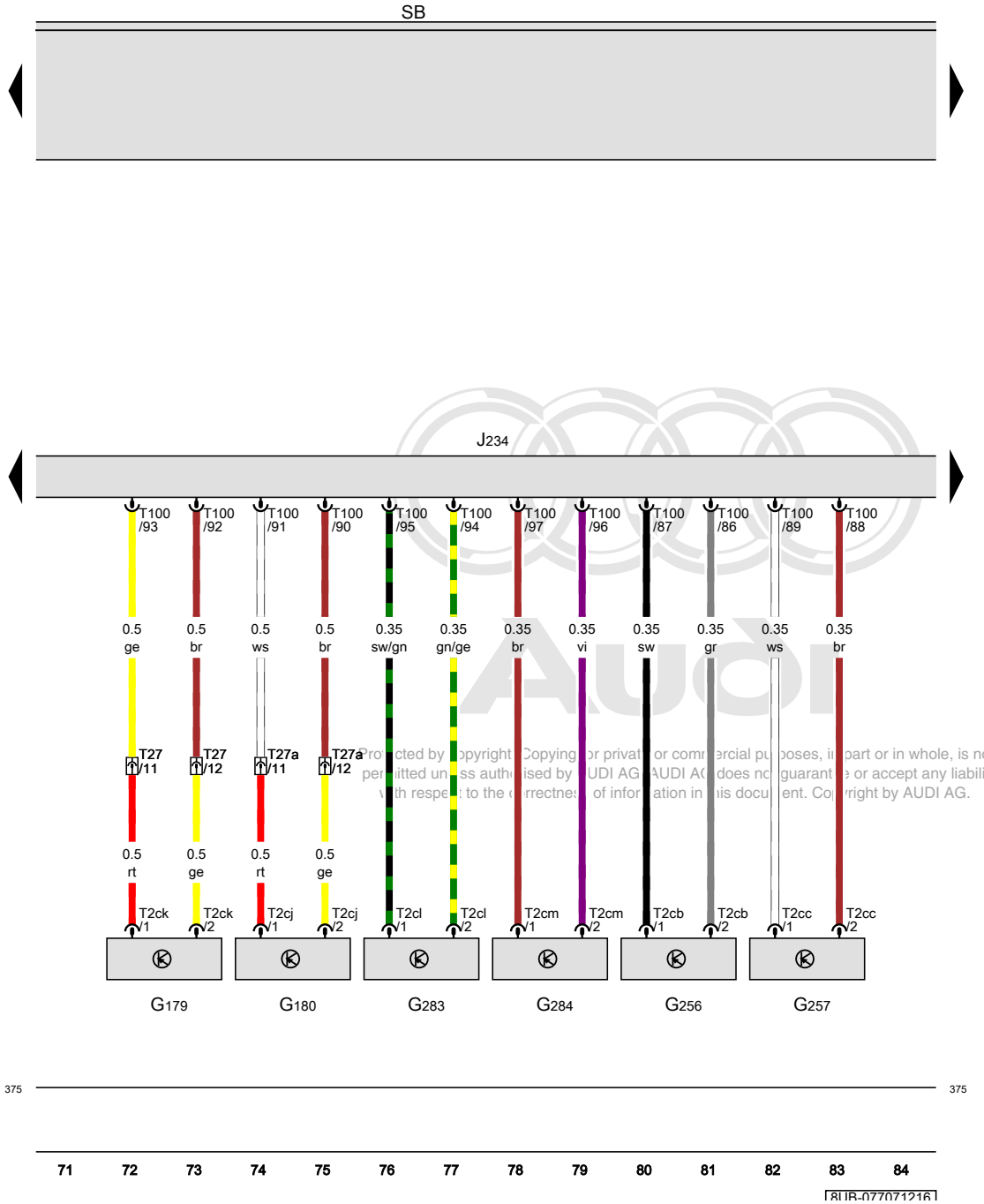


Driver side belt force limiter, Front passenger side belt force limiter, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side

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 passenger side
SB	Fuse holder B
T2ca	2-pin connector
T2cd	2-pin connector
T2ce	2-pin connector
T2cg	2-pin connector
T2ch	2-pin connector
T2ci	2-pin connector
T100	100-pin connector
375	Earth connection 10, in main wiring harness

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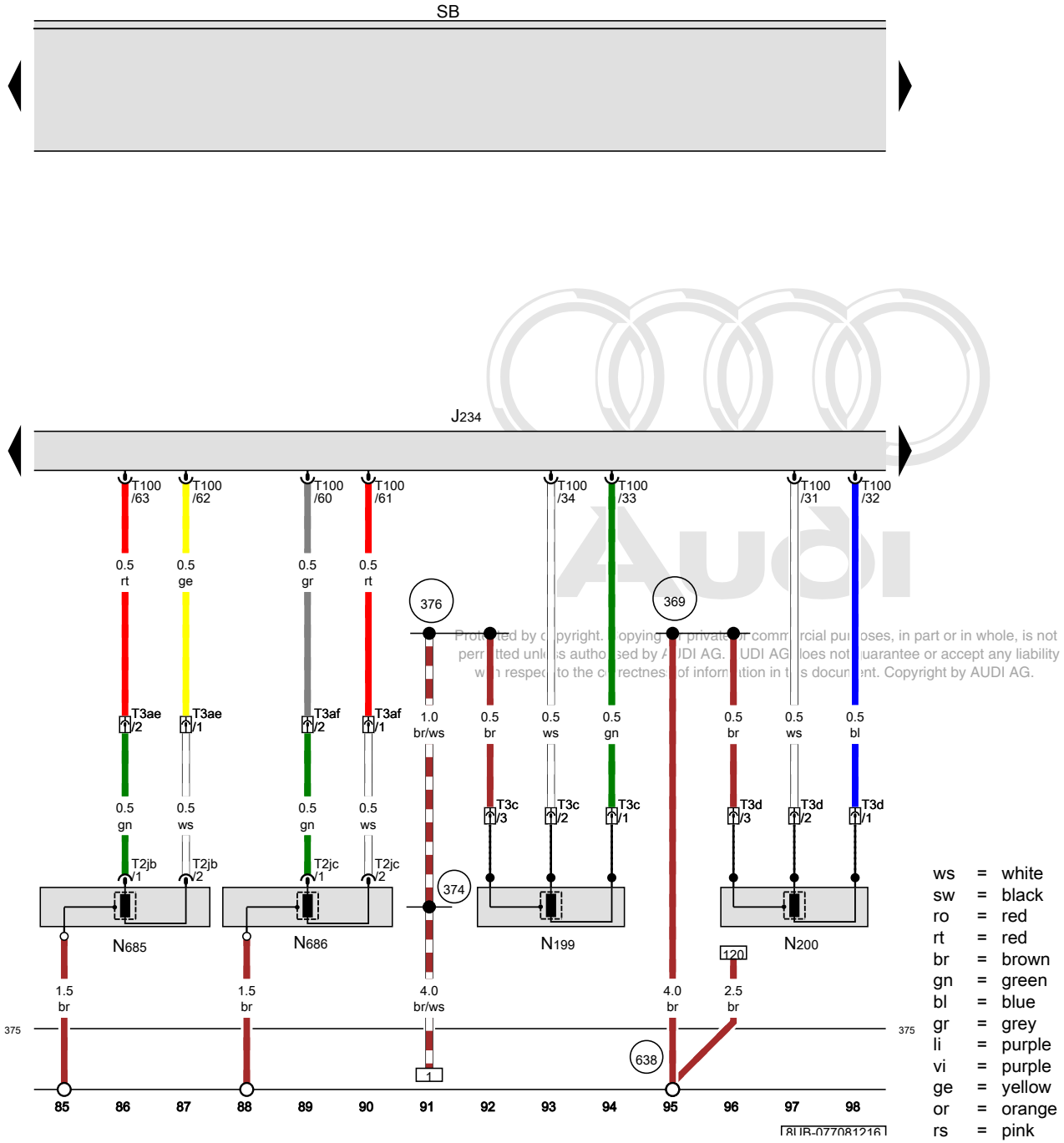


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Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side

G179	Side airbag crash sensor on driver side
G180	Side airbag crash sensor on front passenger side
G256	Rear side airbag crash sensor on driver side
G257	Rear side airbag crash sensor on passenger side
G283	Front airbag crash sensor for driver side
G284	Front airbag crash sensor for front passenger side
J234	Airbag control unit
SB	Fuse holder B
T2cb	2-pin connector
T2cc	2-pin connector
T2cj	2-pin connector
T2ck	2-pin connector
T2cl	2-pin connector
T2cm	2-pin connector
T27	27-pin connector
T27a	27-pin connector
T100	100-pin connector
375	Earth connection 10, in main wiring harness

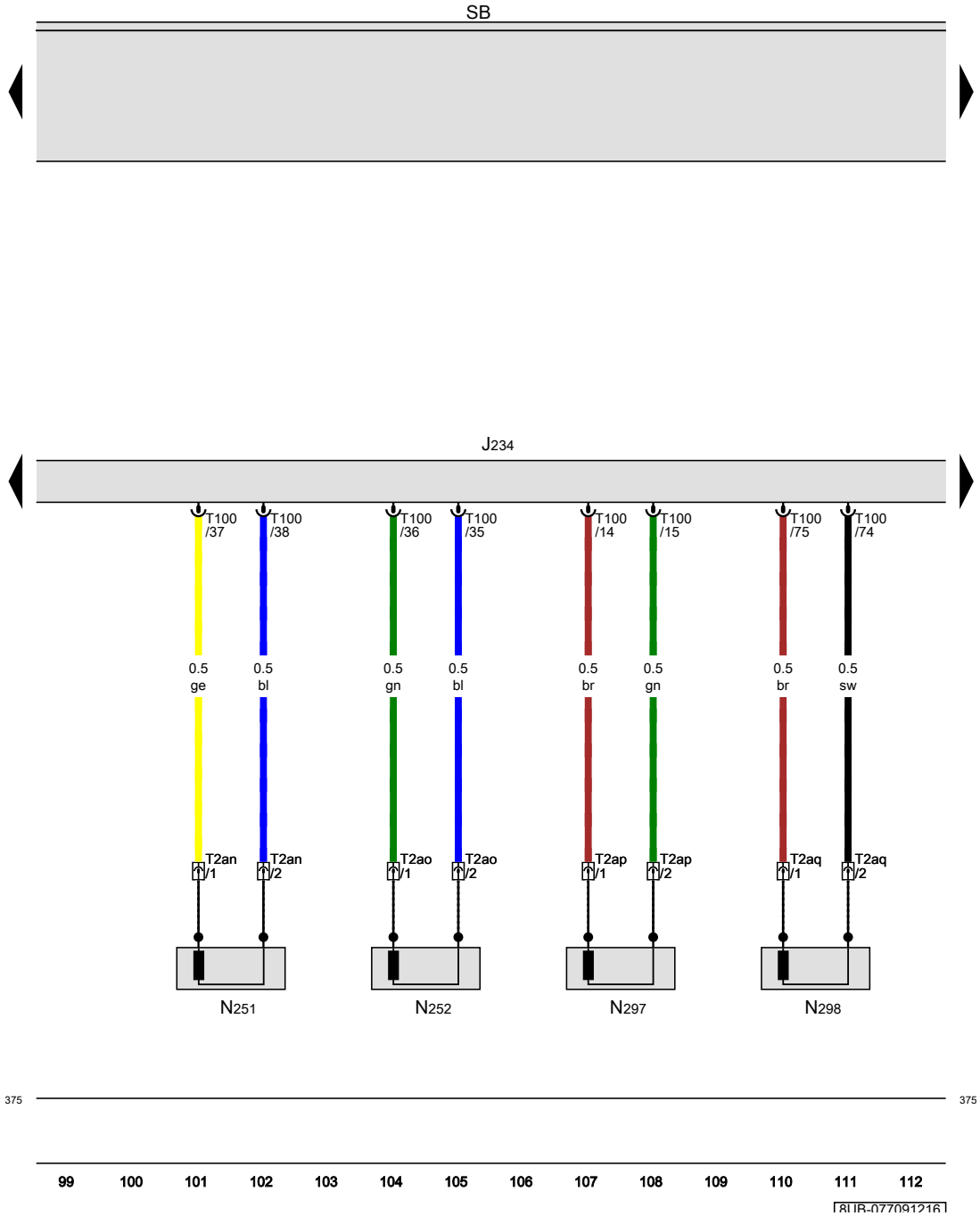


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Side airbag igniter on driver side, Side airbag igniter on front passenger side, Isolation unit for passenger seat backrest adjustment

J234	Airbag control unit
N199	Side airbag igniter on driver side
N200	Side airbag igniter on front passenger side
N685	Isolation unit for driver seat backrest adjustment
N686	Isolation unit for passenger seat backrest adjustment
SB	Fuse holder B
T2jb	2-pin connector, green
T2jc	2-pin connector, green
T3ae	3-pin connector, yellow
T3af	3-pin connector, yellow
T3c	3-pin connector
T3d	3-pin connector
T100	100-pin connector
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
638	Earth point, on right A-pillar

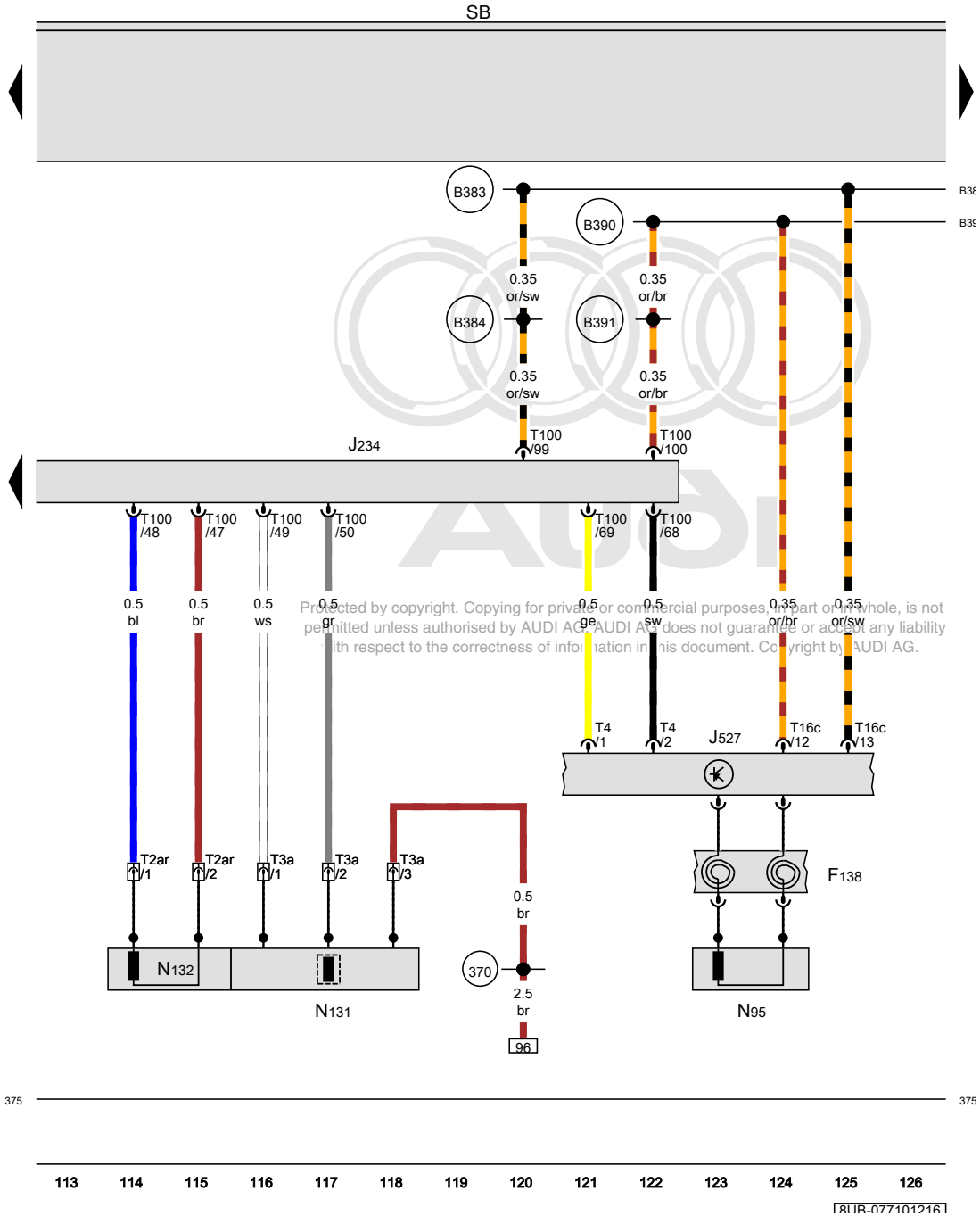


Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Igniter for driver side seat belt tensioner 2, Igniter for front passenger side seat belt tensioner 2

J234	Airbag control unit
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
N297	Igniter for driver side seat belt tensioner 2
N298	Igniter for front passenger side seat belt tensioner 2
SB	Fuse holder B
T2an	2-pin connector
T2ao	2-pin connector
T2ap	2-pin connector
T2aq	2-pin connector
T100	100-pin connector
375	Earth connection 10, in main wiring harness

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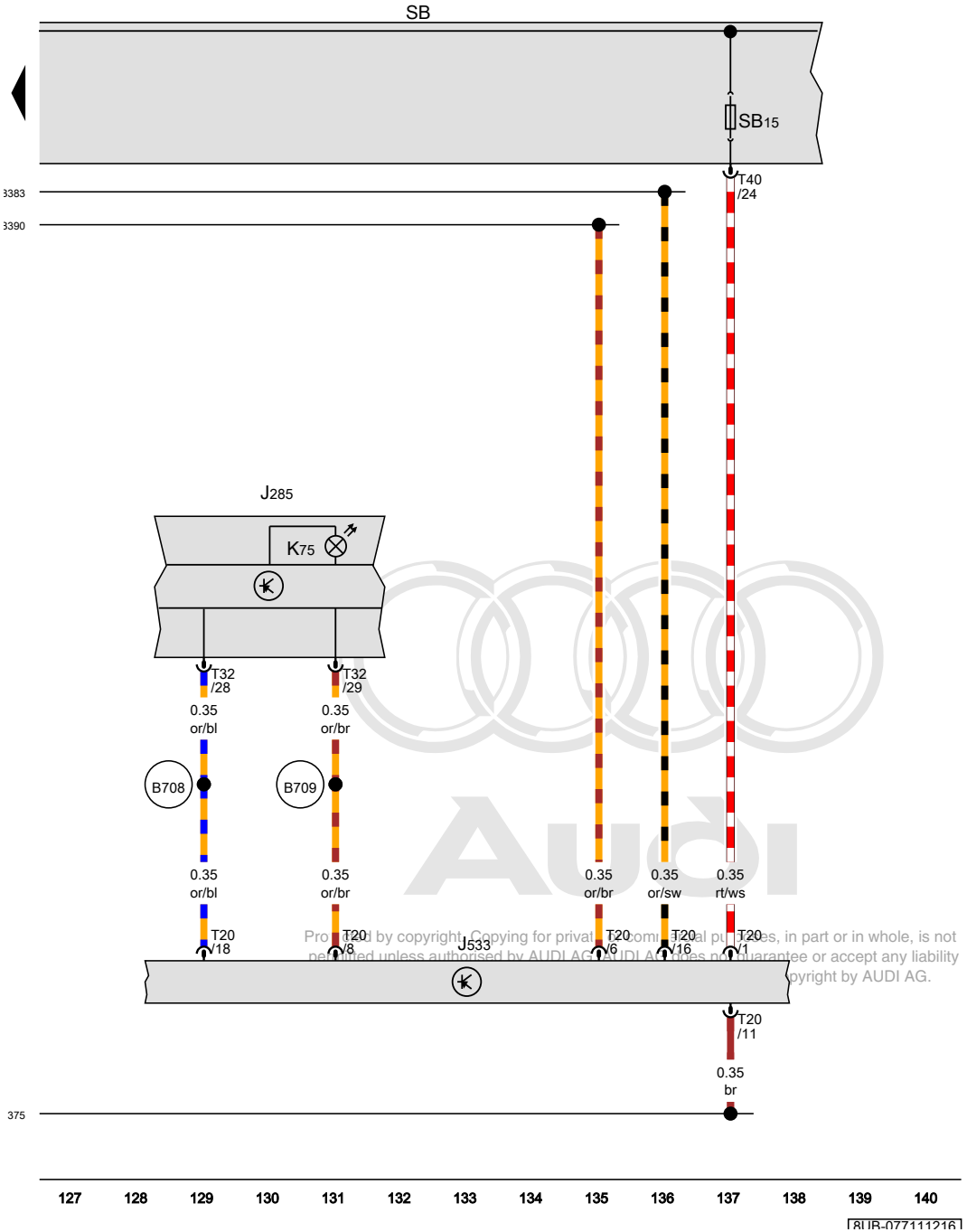


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Steering column electronics control unit, Driver side airbag igniter, Front passenger side airbag igniter 1, Front passenger side airbag igniter 2

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J527	Steering column electronics control unit
N95	Driver side airbag igniter
N131	Front passenger side airbag igniter 1
N132	Front passenger side airbag igniter 2
SB	Fuse holder B
T2ar	2-pin connector
T3a	3-pin connector
T4	4-pin connector
T16c	16-pin connector
T100	100-pin connector
370	Earth connection 5, in main wiring harness
375	Earth connection 10, 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

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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Control unit in dash panel insert, Data bus diagnostic interface, Airbag warning lamp

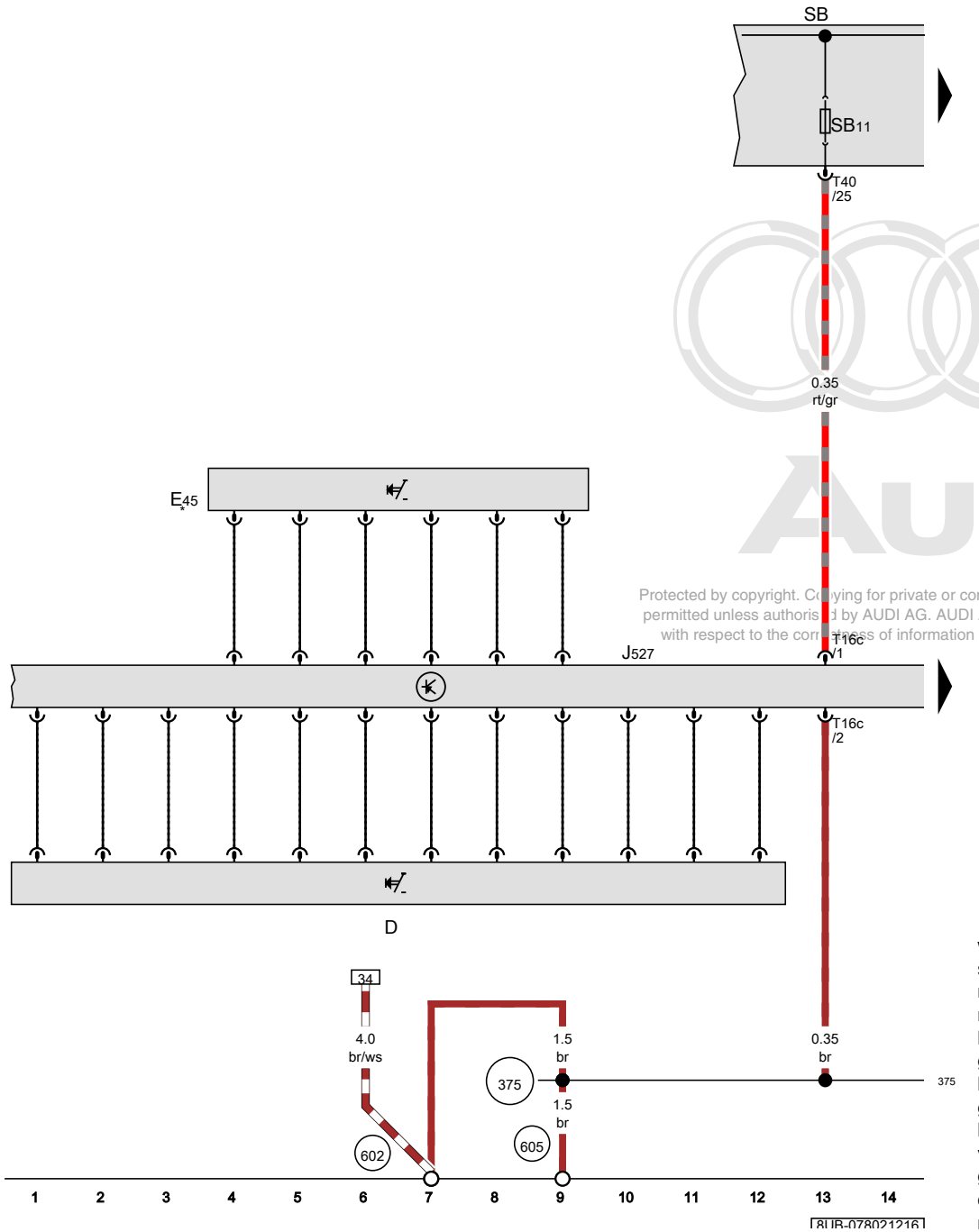
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K75	Airbag warning lamp
SB	Fuse holder B
SB15	Fuse 15 on fuse holder B
T20	20-pin connector
T32	32-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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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2.0l petrol engine , CCTA

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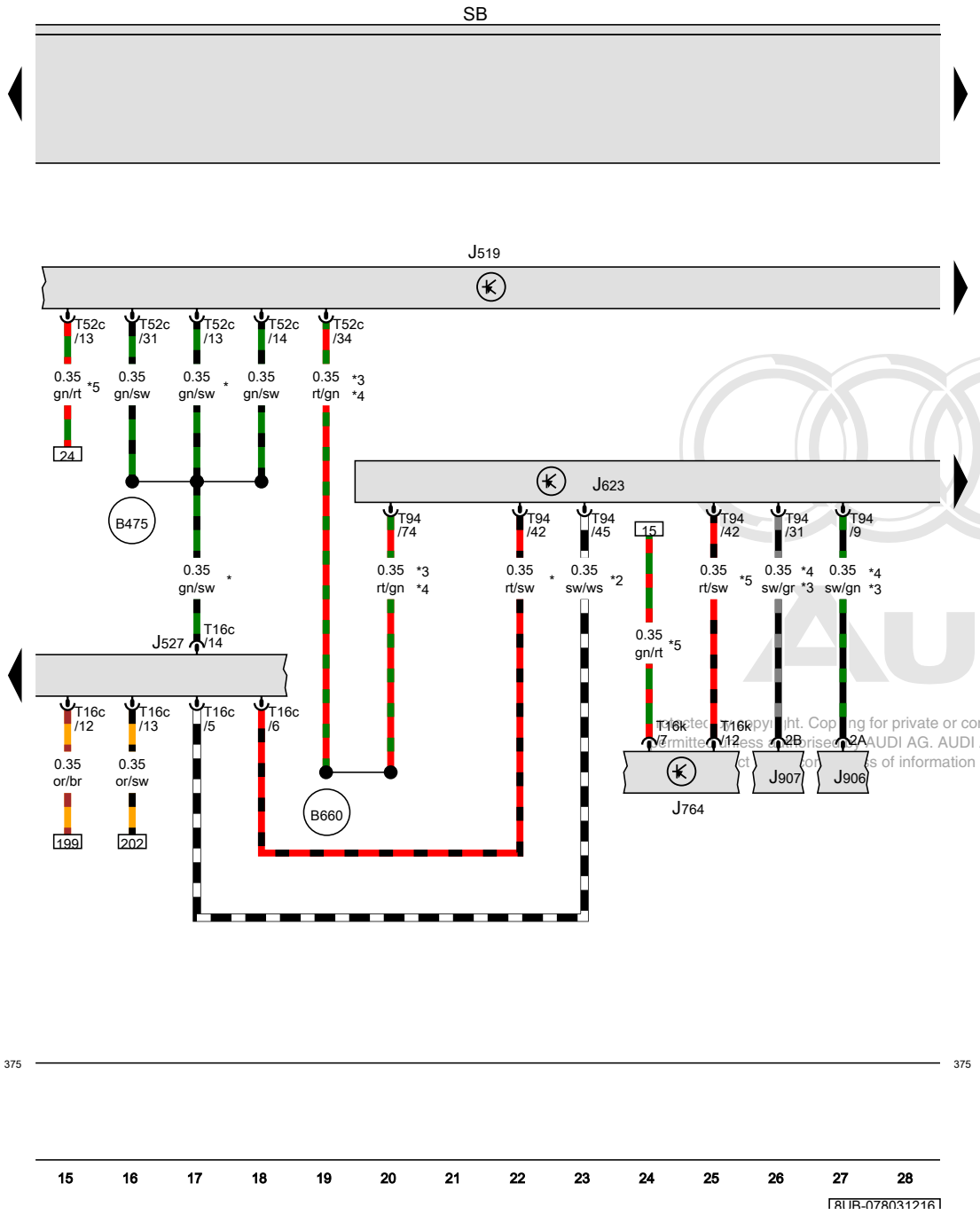


Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
T16c	16-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

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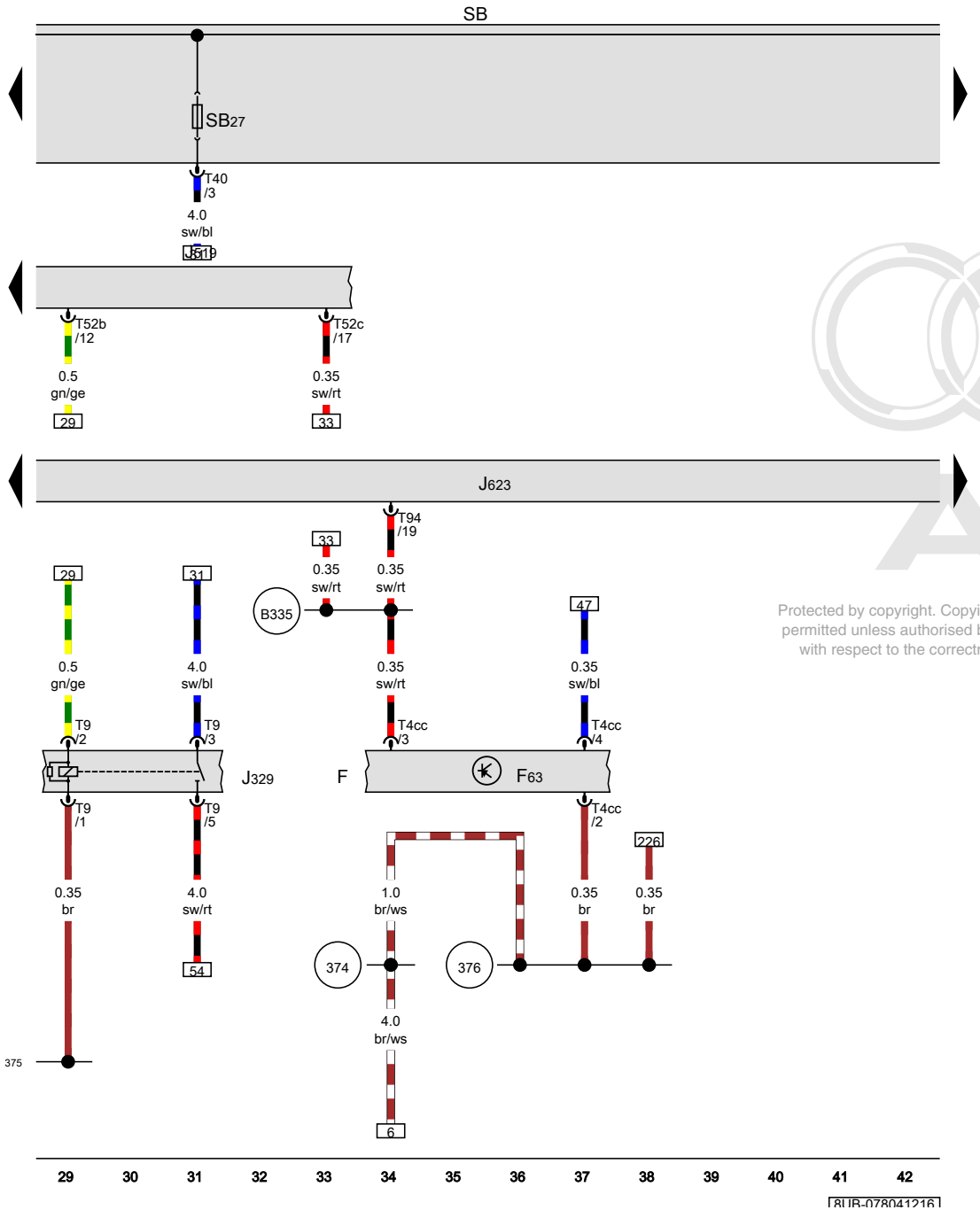


Onboard supply control unit, Steering column electronics control unit, Engine control unit

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
SB	Fuse holder B
T16c	16-pin connector, black
T16k	16-pin connector
T52c	52-pin connector, brown
T94	94-pin connector, black
375	Earth connection 10, in main wiring harness
B475	Connection 11, in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with energy recovery
*4	see applicable current flow diagram for battery in engine compartment
*5	Only models with entry and start authorisation

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sw	=	black
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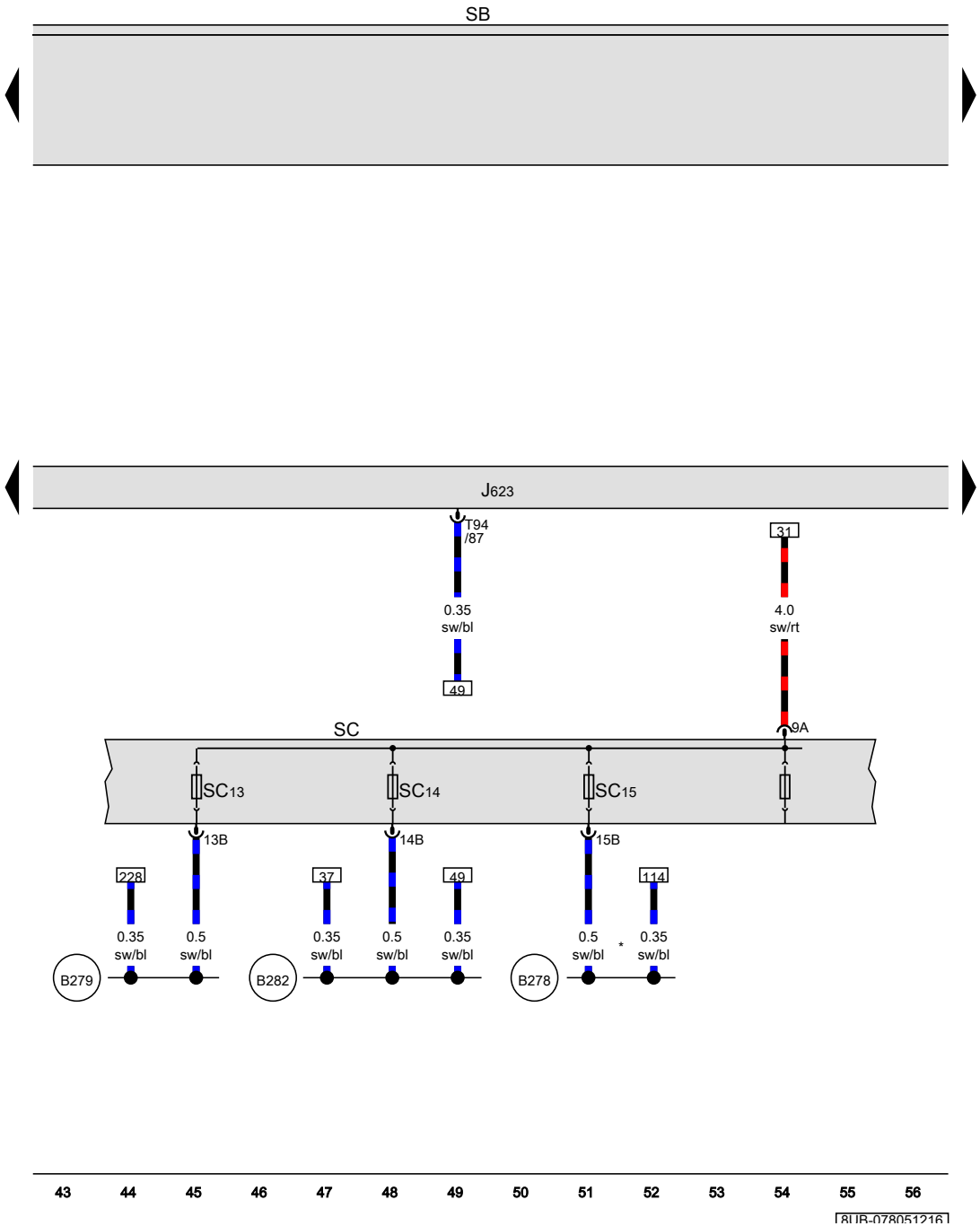


Brake light switch, Brake pedal switch, Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J623	Engine control unit
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
T4cc	4-pin connector
T9	9-pin connector
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
T94	94-pin connector, black
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
B335	Connection 1 (54), in main wiring harness

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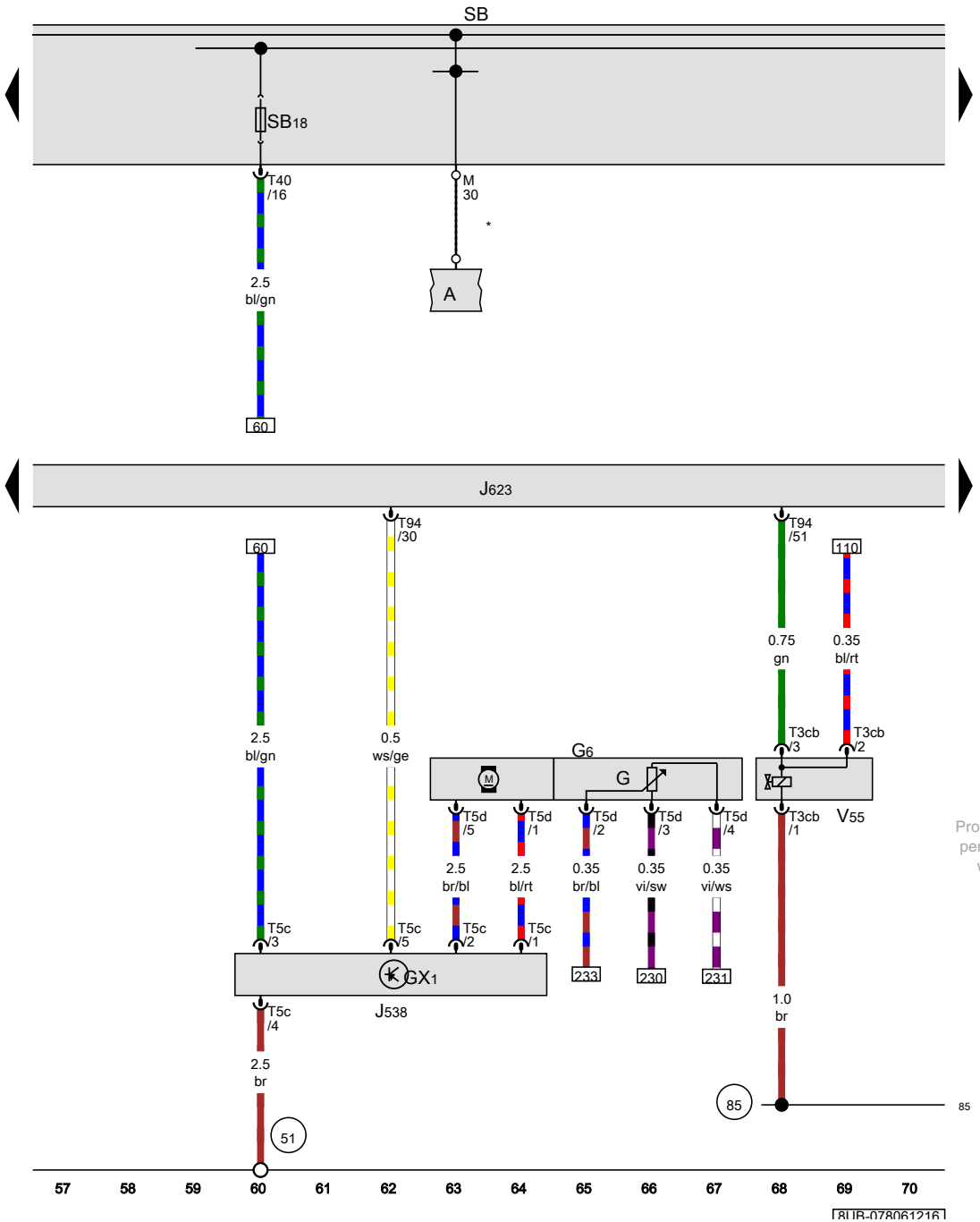


Engine control unit

J623	Engine control unit
SB	Fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T94	94-pin connector, black
B278	Positive connection 2 (15a) in main wiring harness
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
*	Cross section depends on equipment

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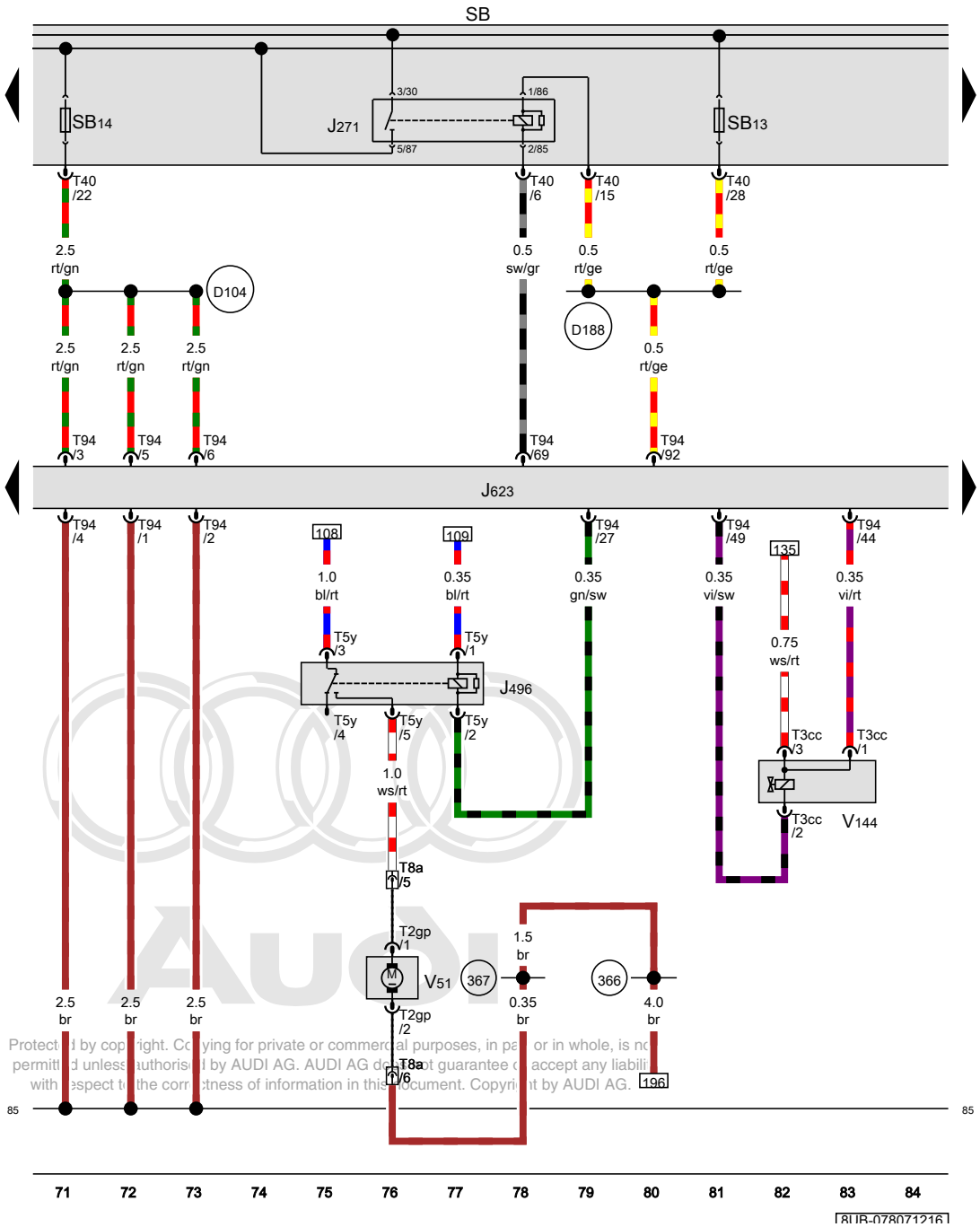


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

A	Battery
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine control unit
SB	Fuse holder B
SB18	Fuse 18 on fuse holder B
T3cb	3-pin connector
T5c	5-pin connector, black
T5d	5-pin connector, black
T40	40-pin connector, black
T94	94-pin connector, black
V55	Circulation pump
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment

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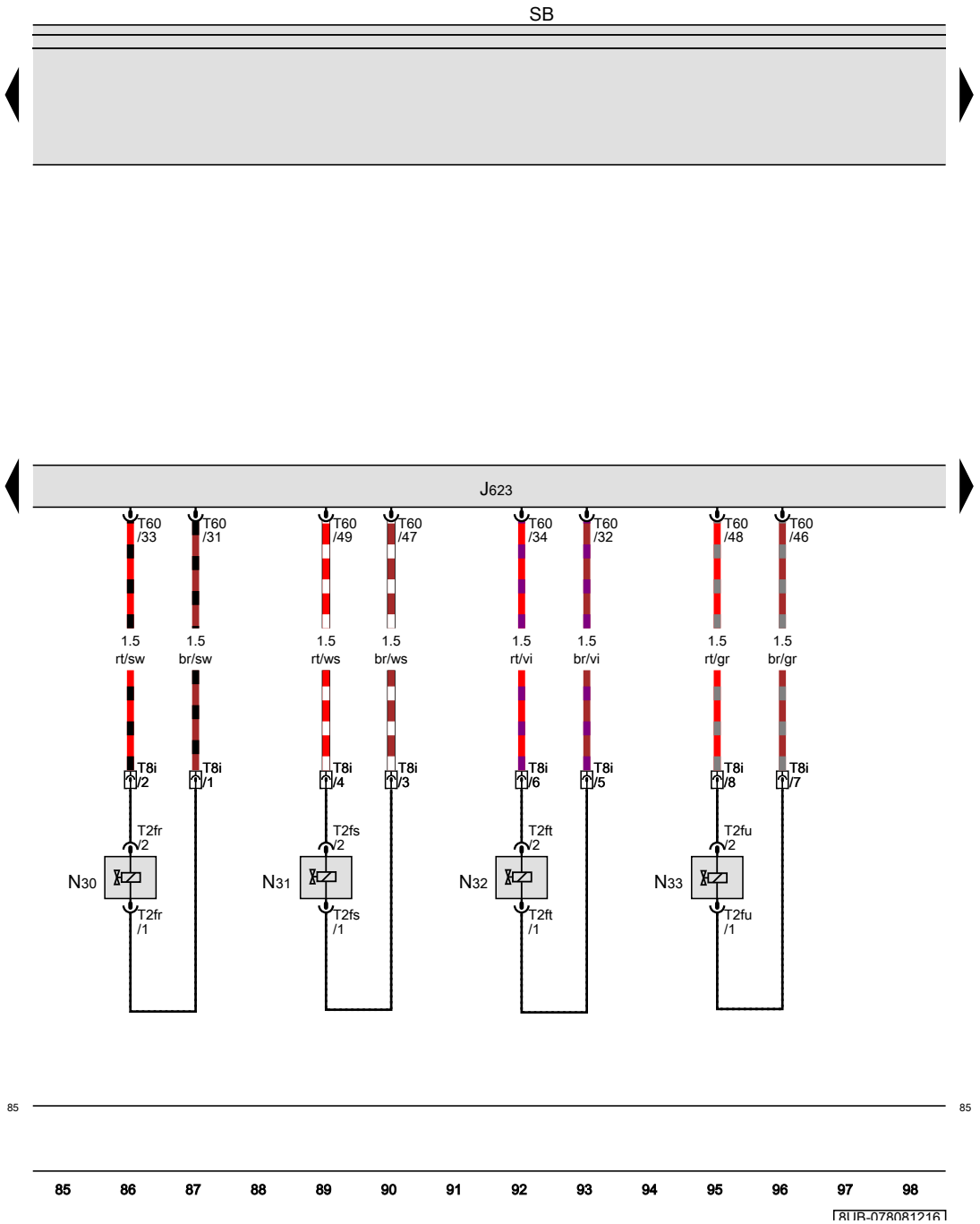


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Main relay, Additional coolant pump relay, Engine control unit

J271	Main relay
J496	Additional coolant pump relay
J623	Engine control unit
SB	Fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
T2gp	2-pin connector
T3cc	3-pin connector
T5y	5-pin connector
T8a	8-pin connector, near front left longitudinal member
T40	40-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
V144	Fuel system diagnostic pump
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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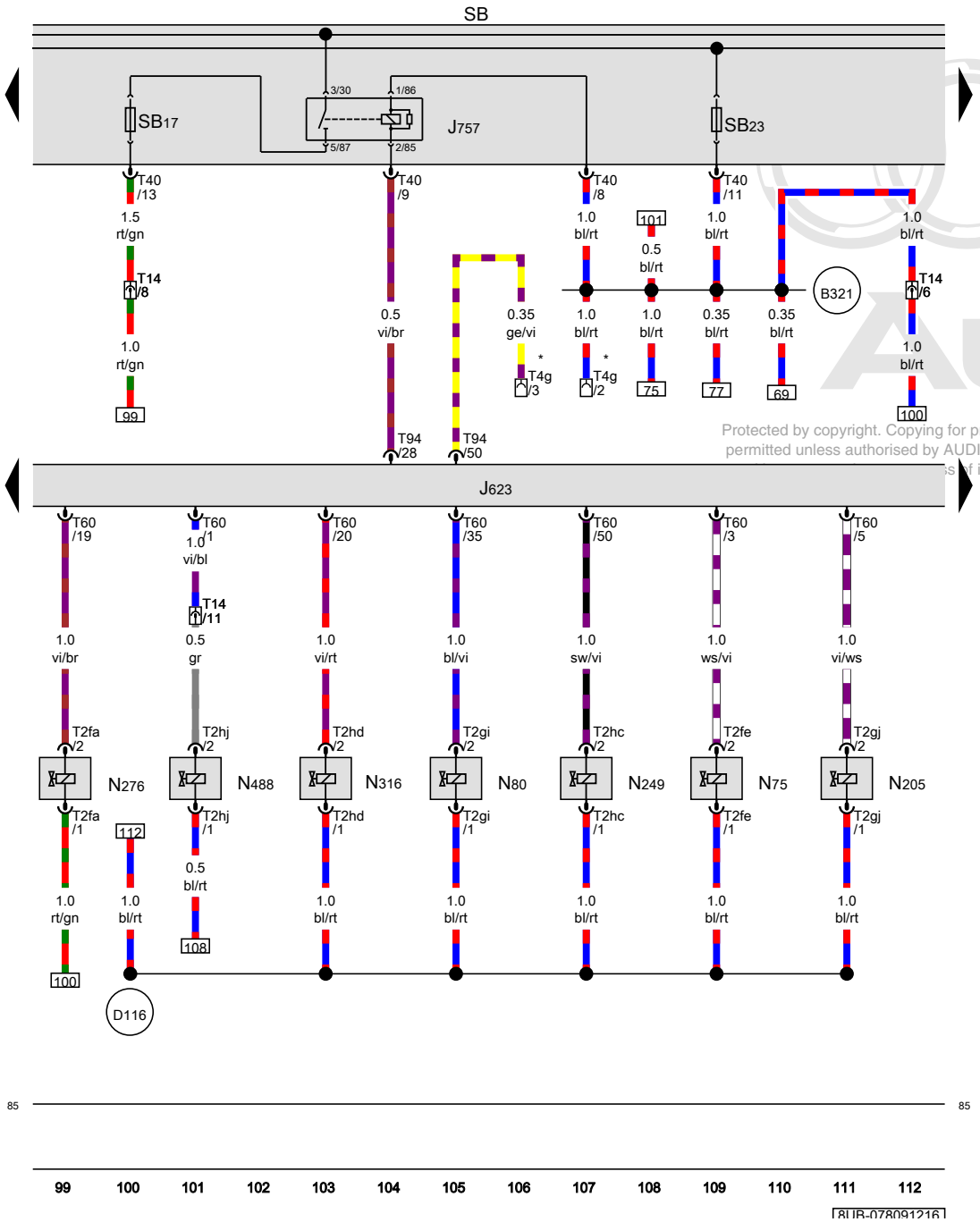


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
SB	Fuse holder B
T2fr	2-pin connector
T2fs	2-pin connector
T2ft	2-pin connector
T2fu	2-pin connector
T8i	8-pin connector
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness

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ro	=	red
rt	=	red
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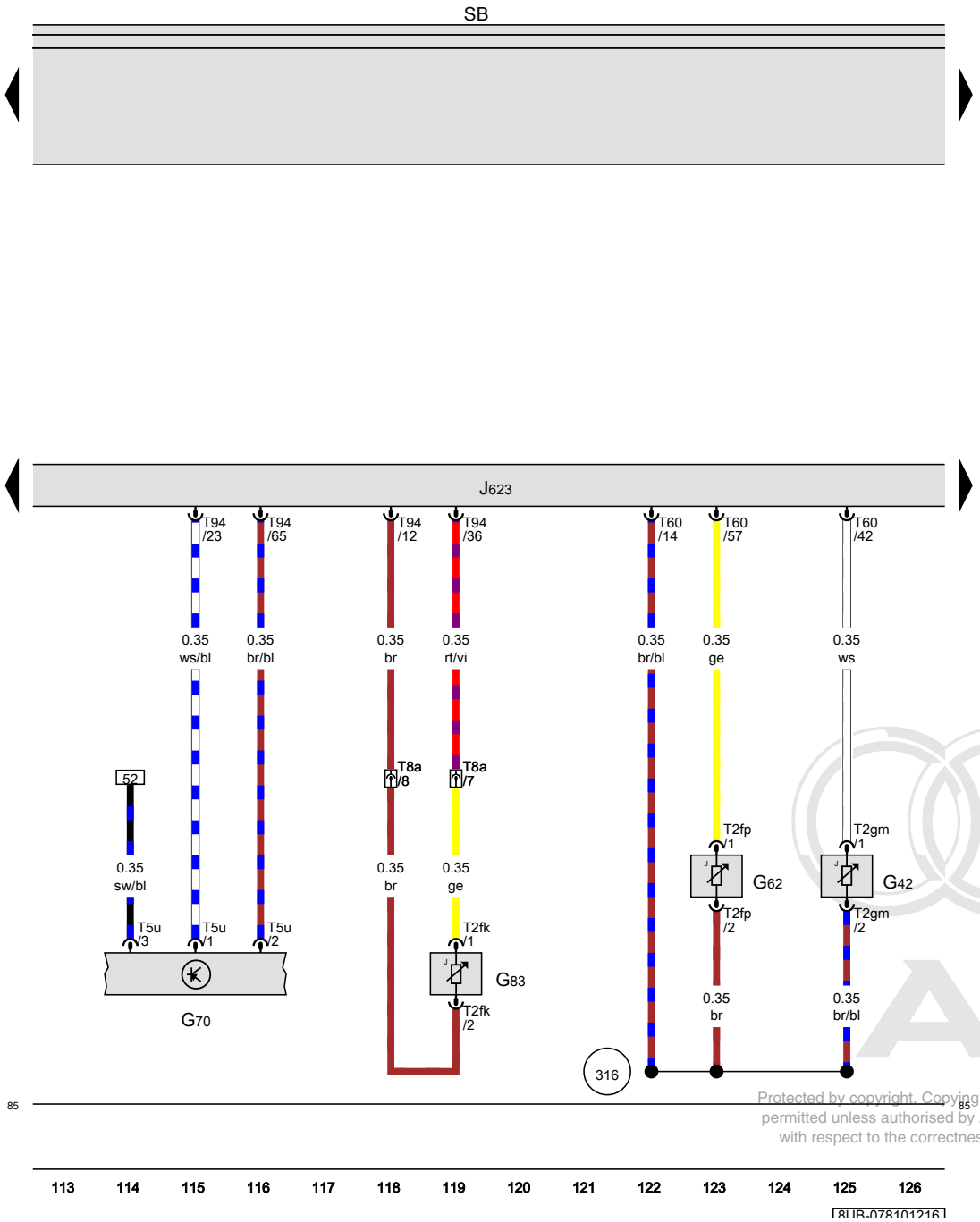


Engine control unit, Engine component current supply relay, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Fuel pressure regulating valve, Intake manifold flap valve

J623	Engine control unit
J757	Engine component current supply relay
N75	Charge pressure control solenoid valve
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
N276	Fuel pressure regulating valve
N316	Intake manifold flap valve
N488	Coolant valve for gearbox
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2fa	2-pin connector
T2fe	2-pin connector
T2gi	2-pin connector
T2gj	2-pin connector
T2hc	2-pin connector
T2hd	2-pin connector
T2hj	2-pin connector
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D116	Connection 14 in engine compartment wiring harness
*	Radiator fan connection

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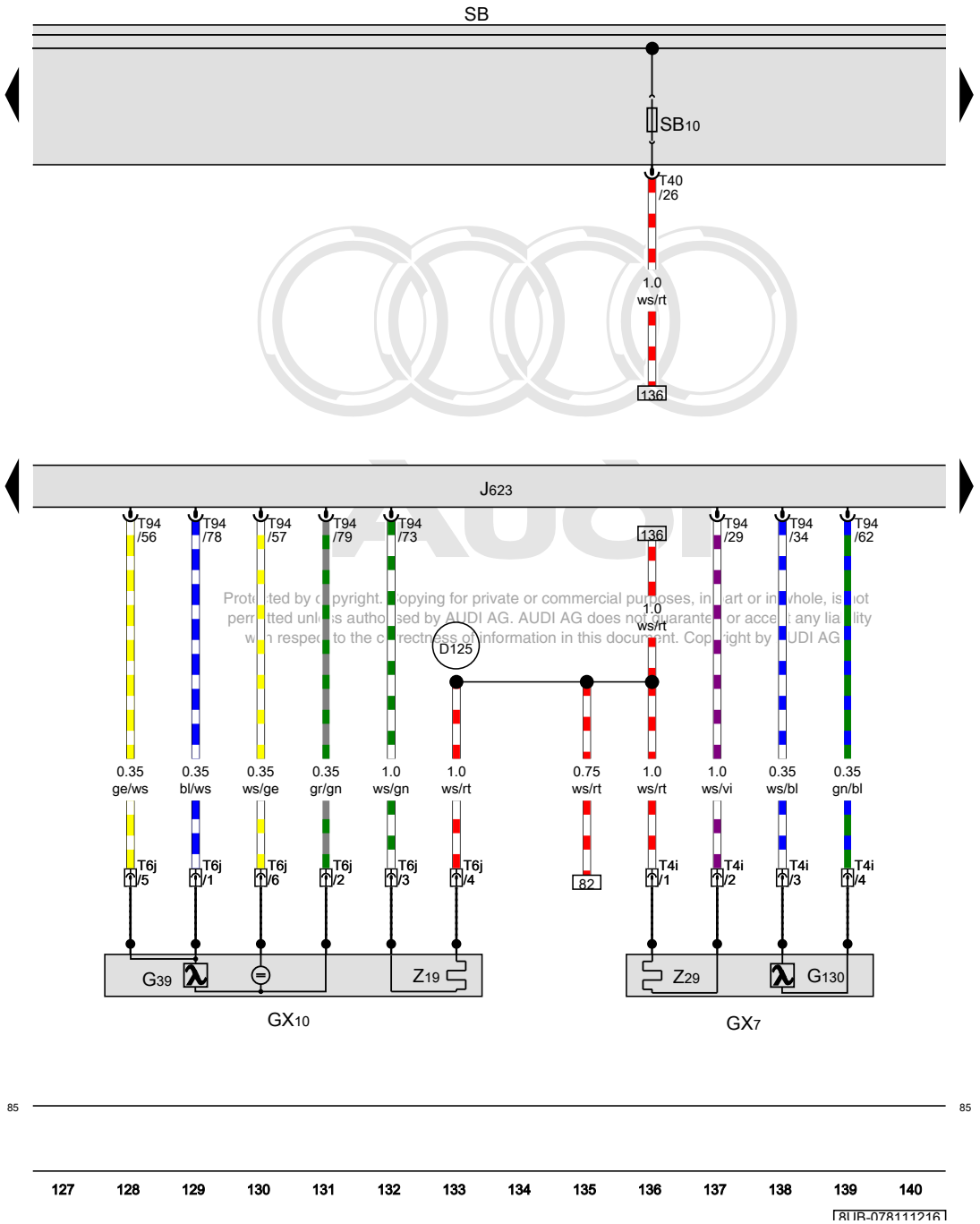


Intake air temperature sender, Coolant temperature sender, Air mass meter, Radiator outlet coolant temperature sender, Engine control unit

G42	Intake air temperature sender
G62	Coolant temperature sender
G70	Air mass meter
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
SB	Fuse holder B
T2fk	2-pin connector
T2fp	2-pin connector
T2gm	2-pin connector
T5u	5-pin connector
T8a	8-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
316	Earth connection (sender earth 2) in engine wiring harness

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rt	=	red
br	=	brown
gn	=	green
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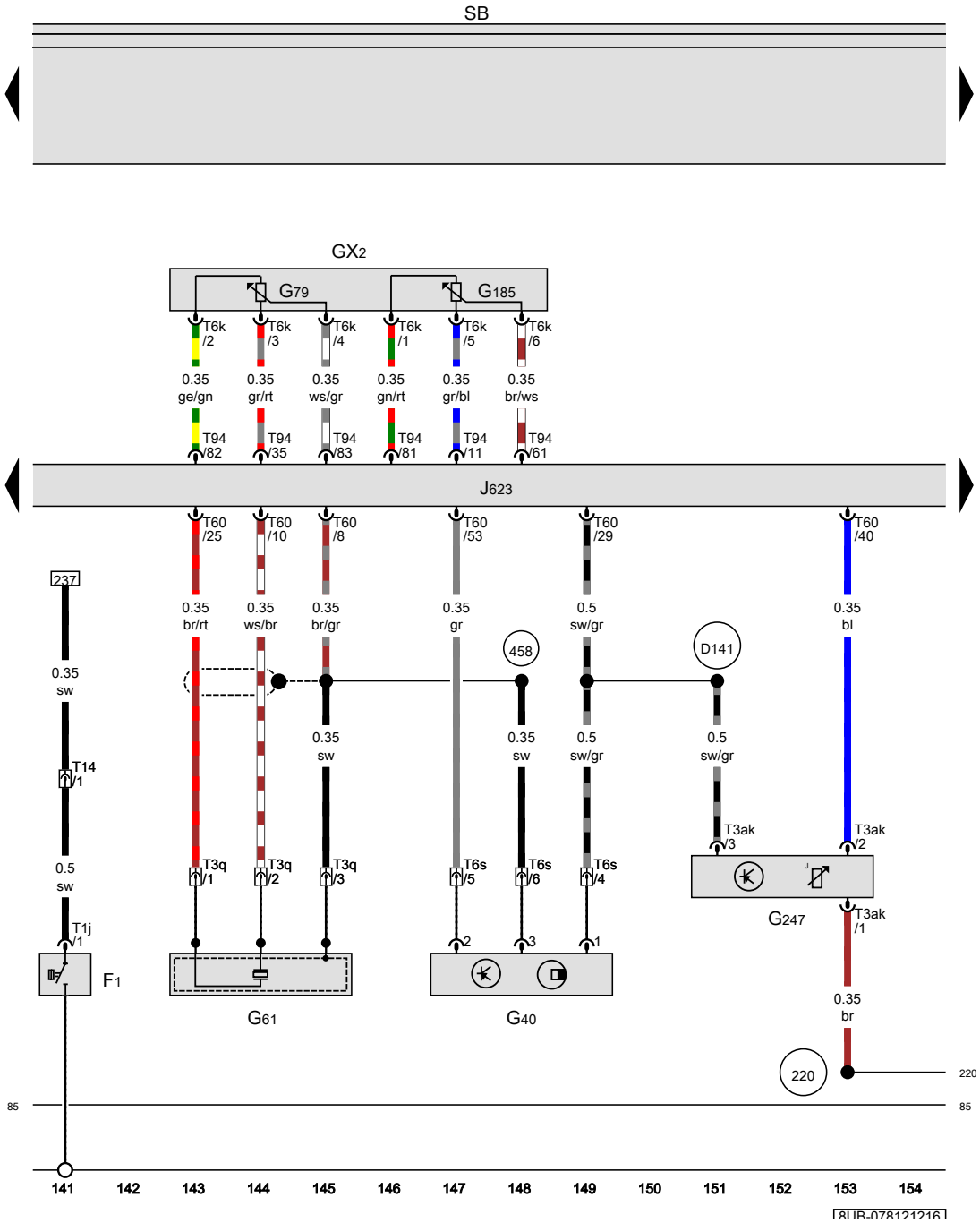


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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
T4i	4-pin connector
T6j	6-pin connector, on Lambda probe before catalytic converter
T40	40-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
85	Earth connection 1, in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness

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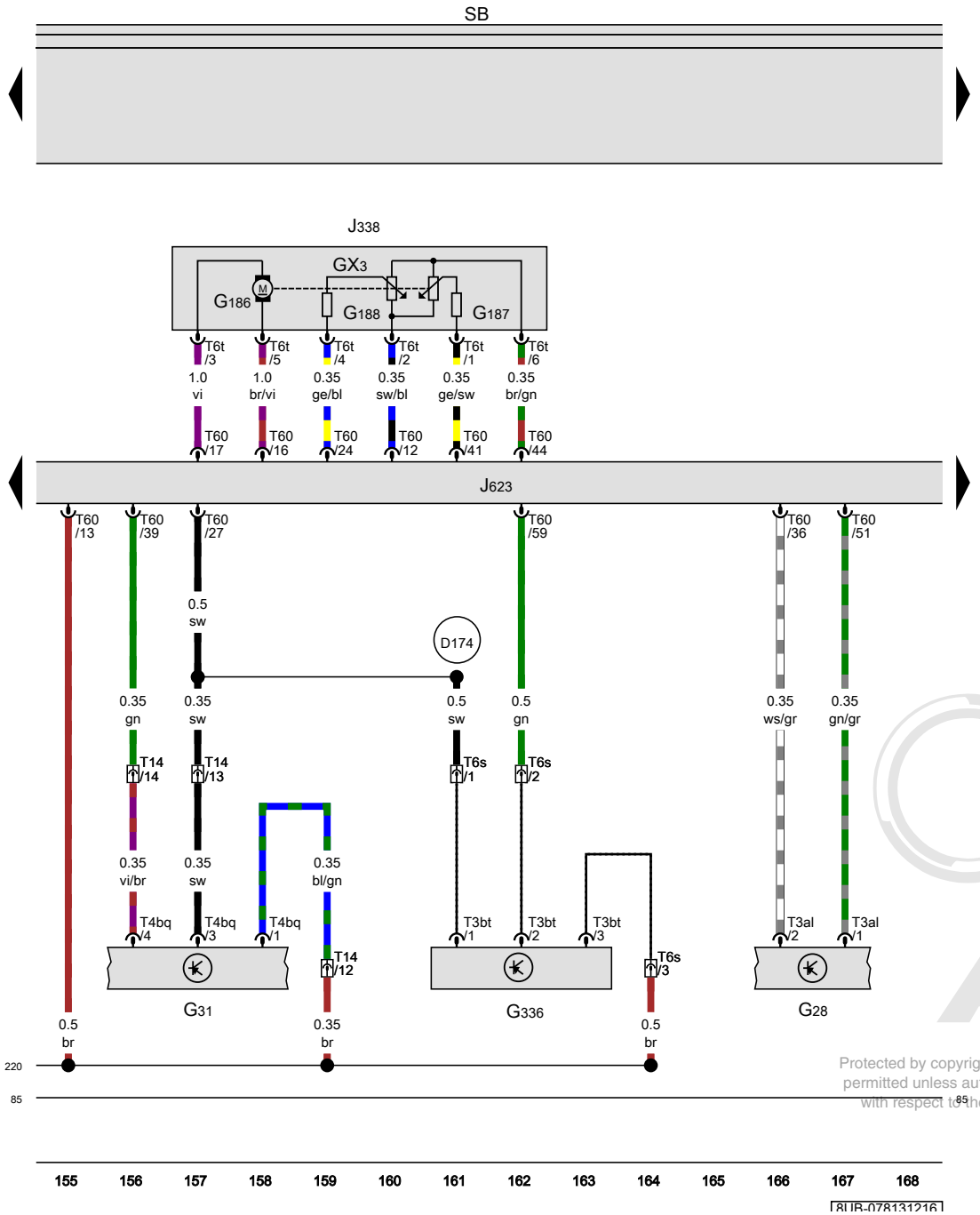


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Oil pressure switch, Accelerator pedal module, Hall sender, Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Fuel pressure sender, Engine control unit

F1	Oil pressure switch
GX2	Accelerator pedal module
G40	Hall sender
G61	Knock sensor 1
G79	Accelerator position sender
G185	Accelerator position sender 2
G247	Fuel pressure sender
J623	Engine control unit
SB	Fuse holder B
T1j	1-pin connector
T3ak	3-pin connector
T3q	3-pin connector
T6k	6-pin connector
T6s	6-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

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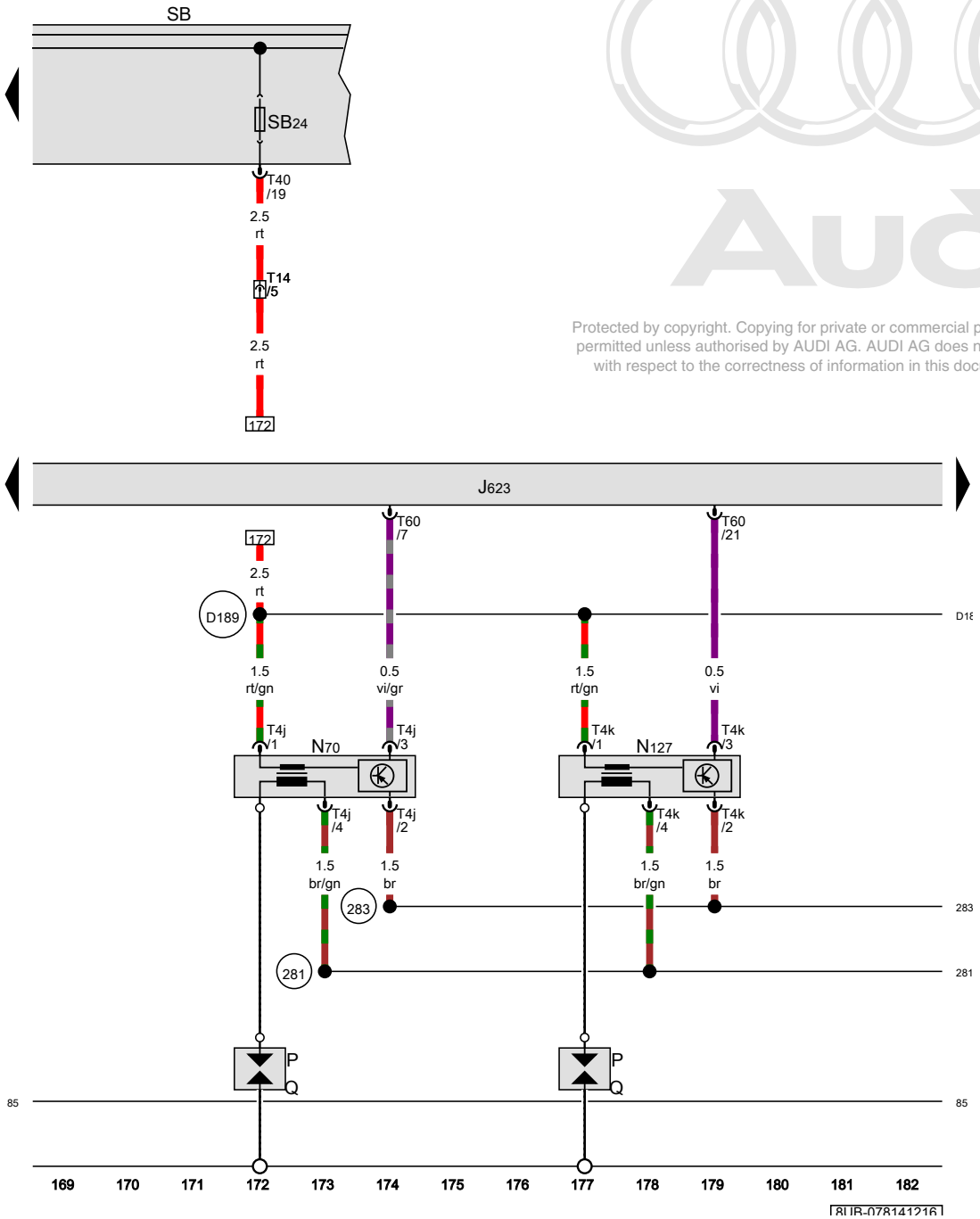


Throttle valve module, Engine speed sender, Charge pressure sender, Intake manifold flap potentiometer, Throttle valve module, Engine control unit

GX3	Throttle valve module
G28	Engine speed sender
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
G336	Intake manifold flap potentiometer
J338	Throttle valve module
J623	Engine control unit
SB	Fuse holder B
T3al	3-pin connector
T3bt	3-pin connector
T4bq	4-pin connector
T6s	6-pin connector
T6t	6-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
220	Earth connection (sender earth), in engine wiring harness
D174	Connection 2 (5V) in engine prewiring harness

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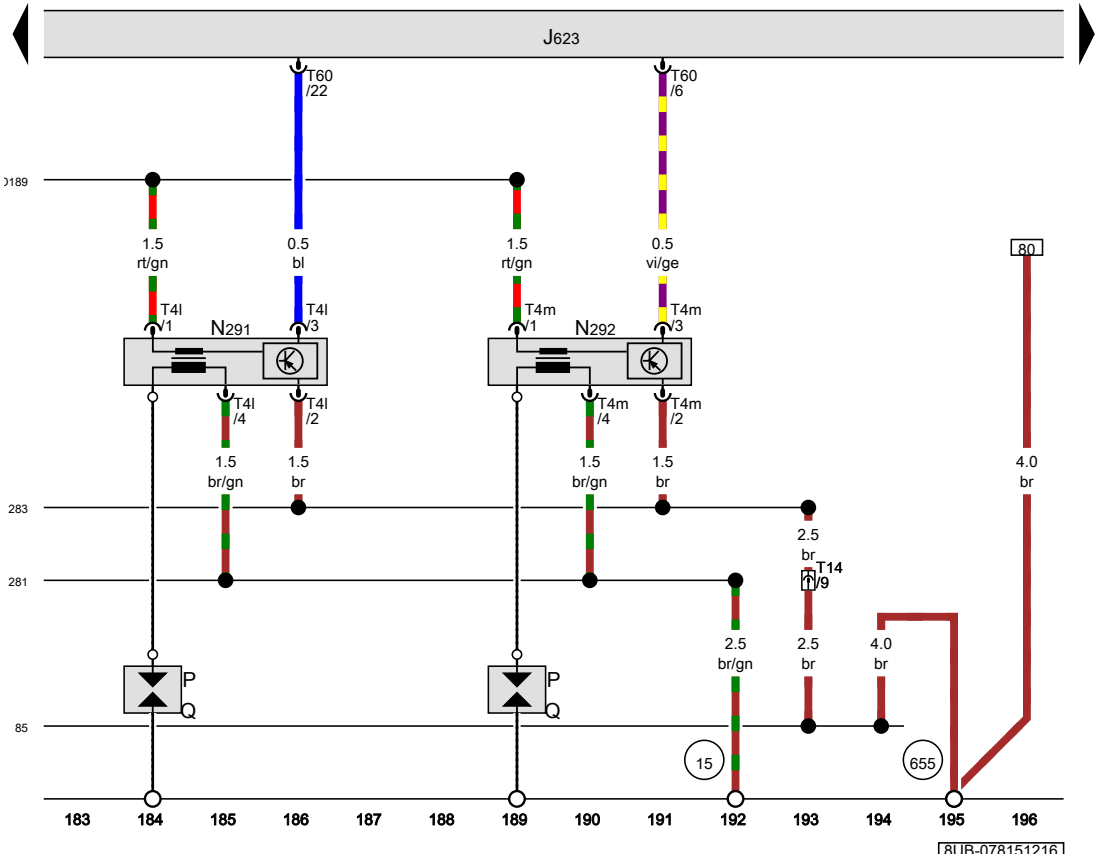
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

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
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
T4j	4-pin connector
T4k	4-pin connector
T14	14-pin connector, near front left longitudinal member
T40	40-pin connector, black
T60	60-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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Engine control unit, 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
T4l	4-pin connector
T4m	4-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
655	Earth point, on left headlight
D189	Connection (87a) in engine prewiring harness

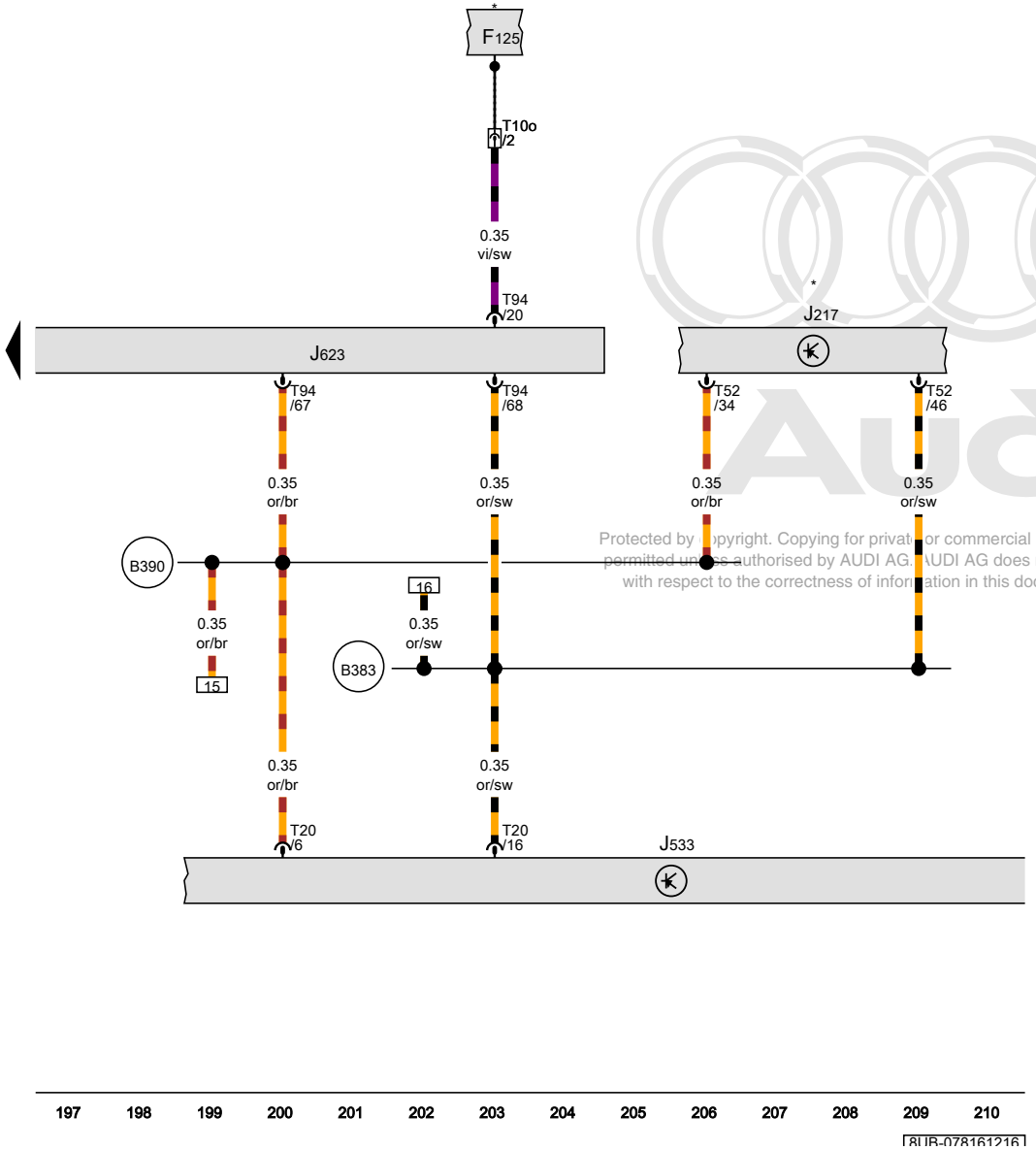


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Automatic gearbox control unit, Data bus diagnostic interface, Engine control unit

F125	Multifunction switch
J217	Automatic gearbox control unit
J533	Data bus diagnostic interface
J623	Engine control unit
T10o	10-pin connector
T20	20-pin connector, red
T52	52-pin connector, black
T94	94-pin connector, black
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 automatic gearbox

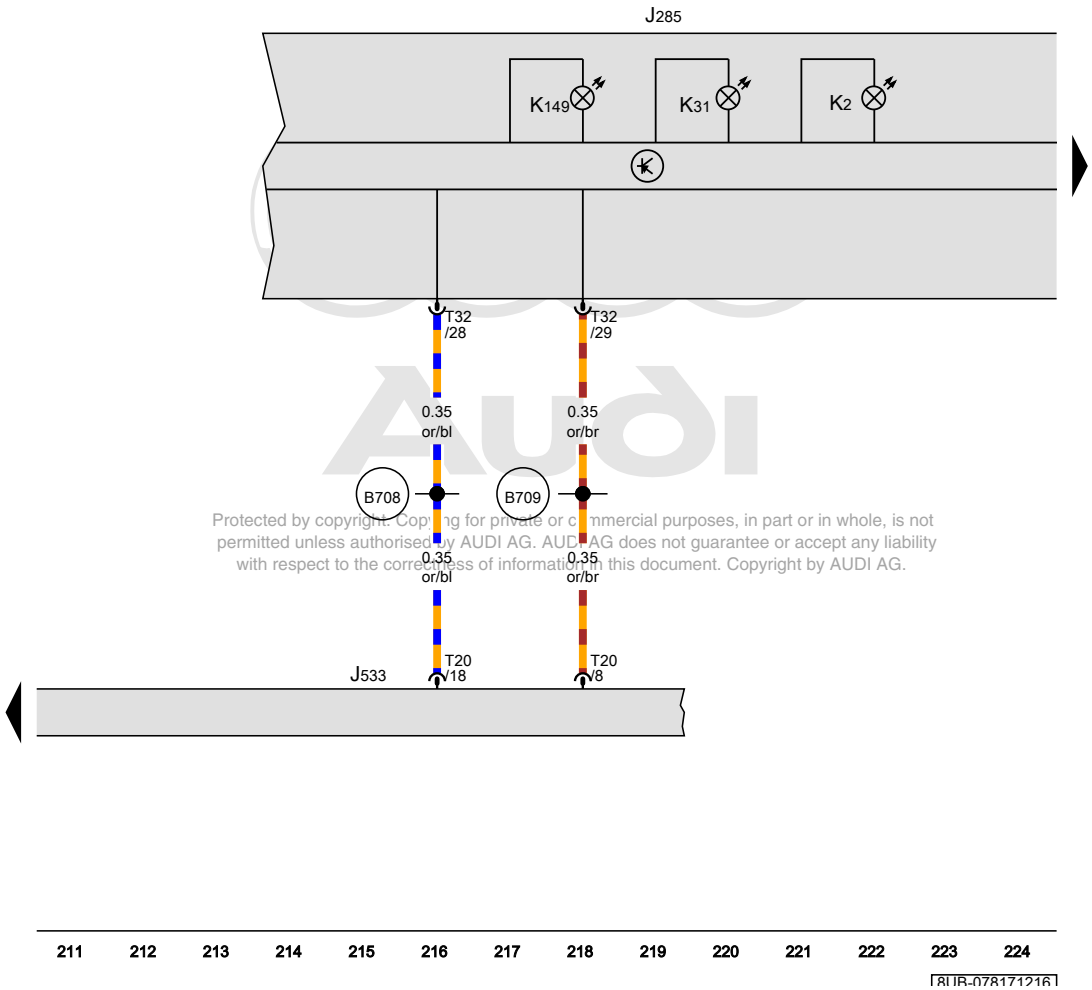


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rs	=	pink

Control unit in dash panel insert, Data bus diagnostic interface

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T32	32-pin connector, blue
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

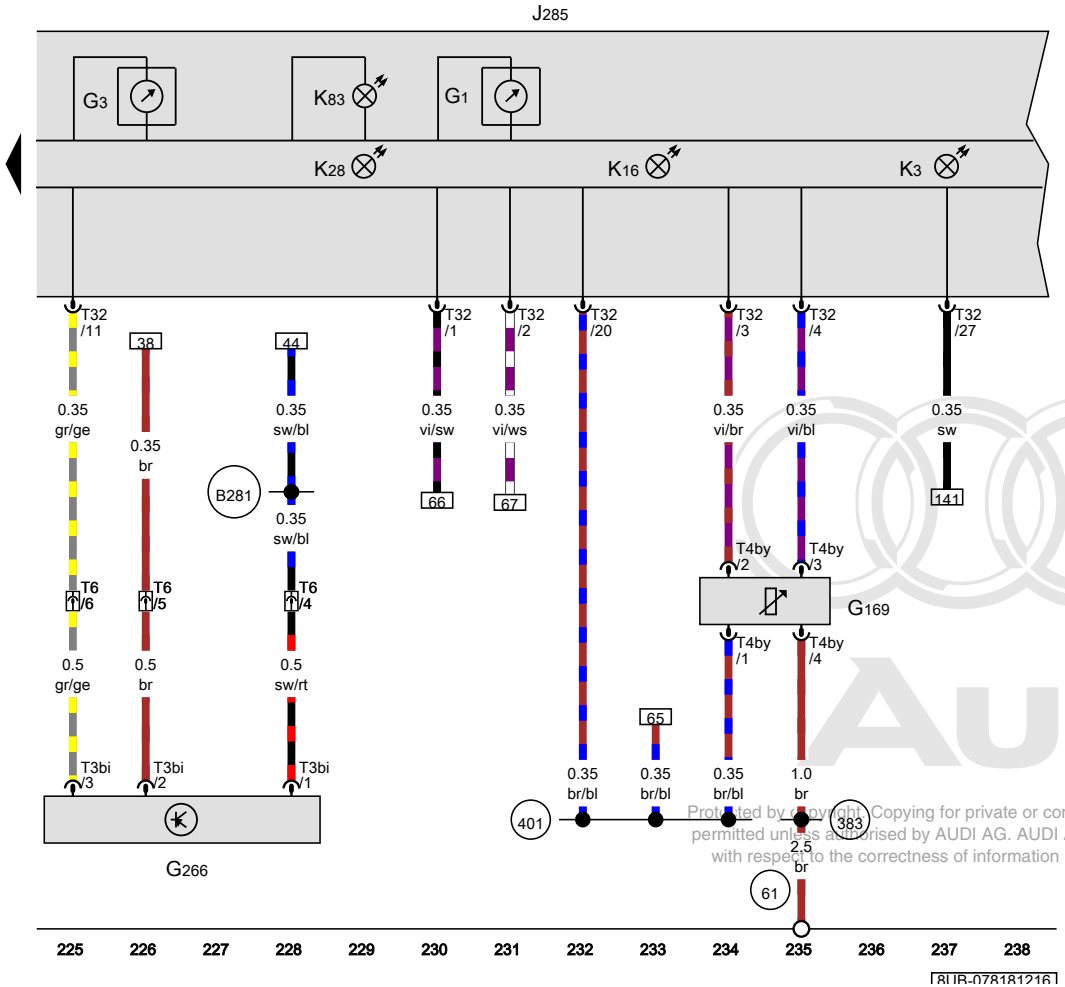


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Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T3bi	3-pin connector
T4by	4-pin connector
T6	6-pin connector, near front left longitudinal member
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness



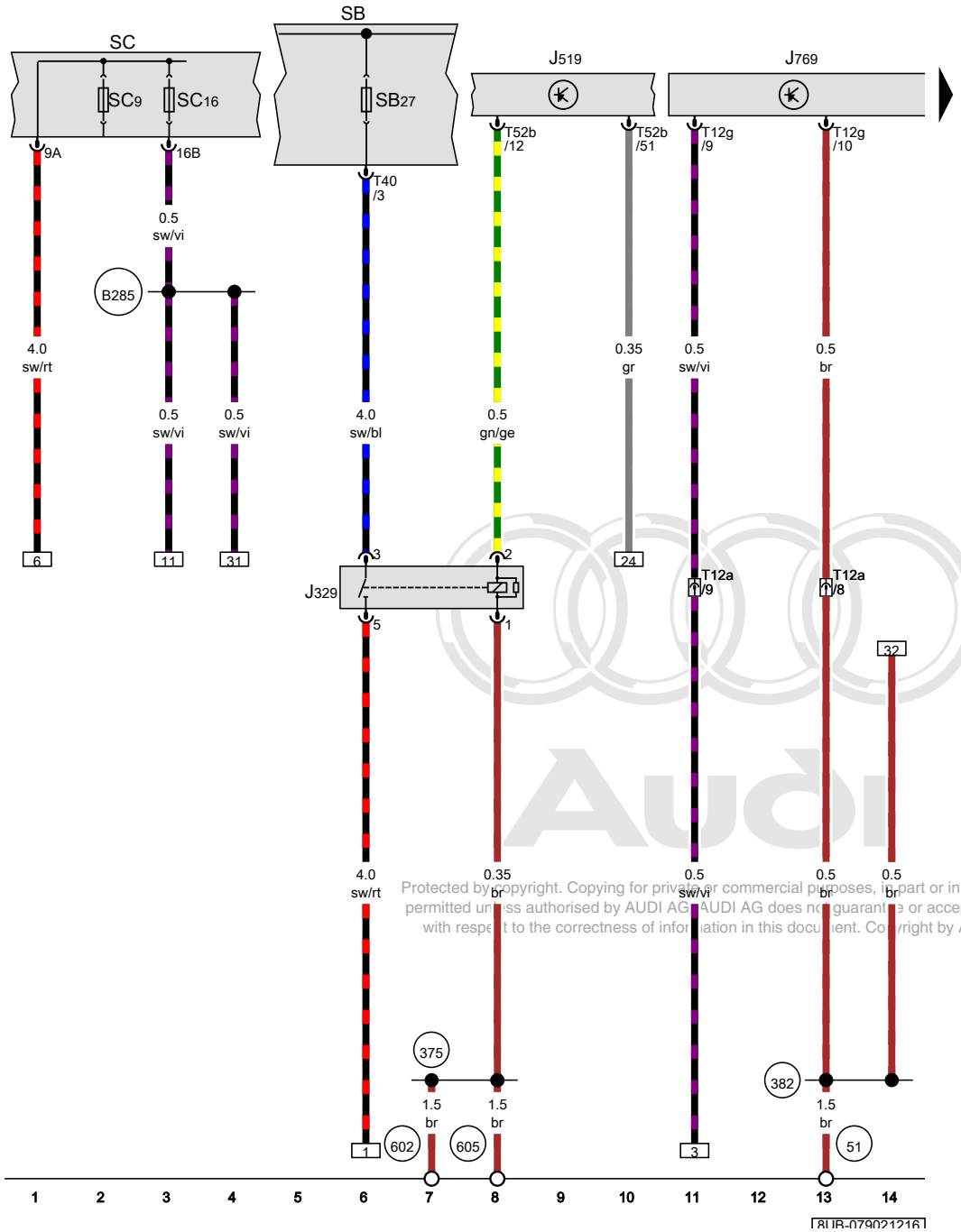
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Lane change assist , (7Y1)

From April 2014

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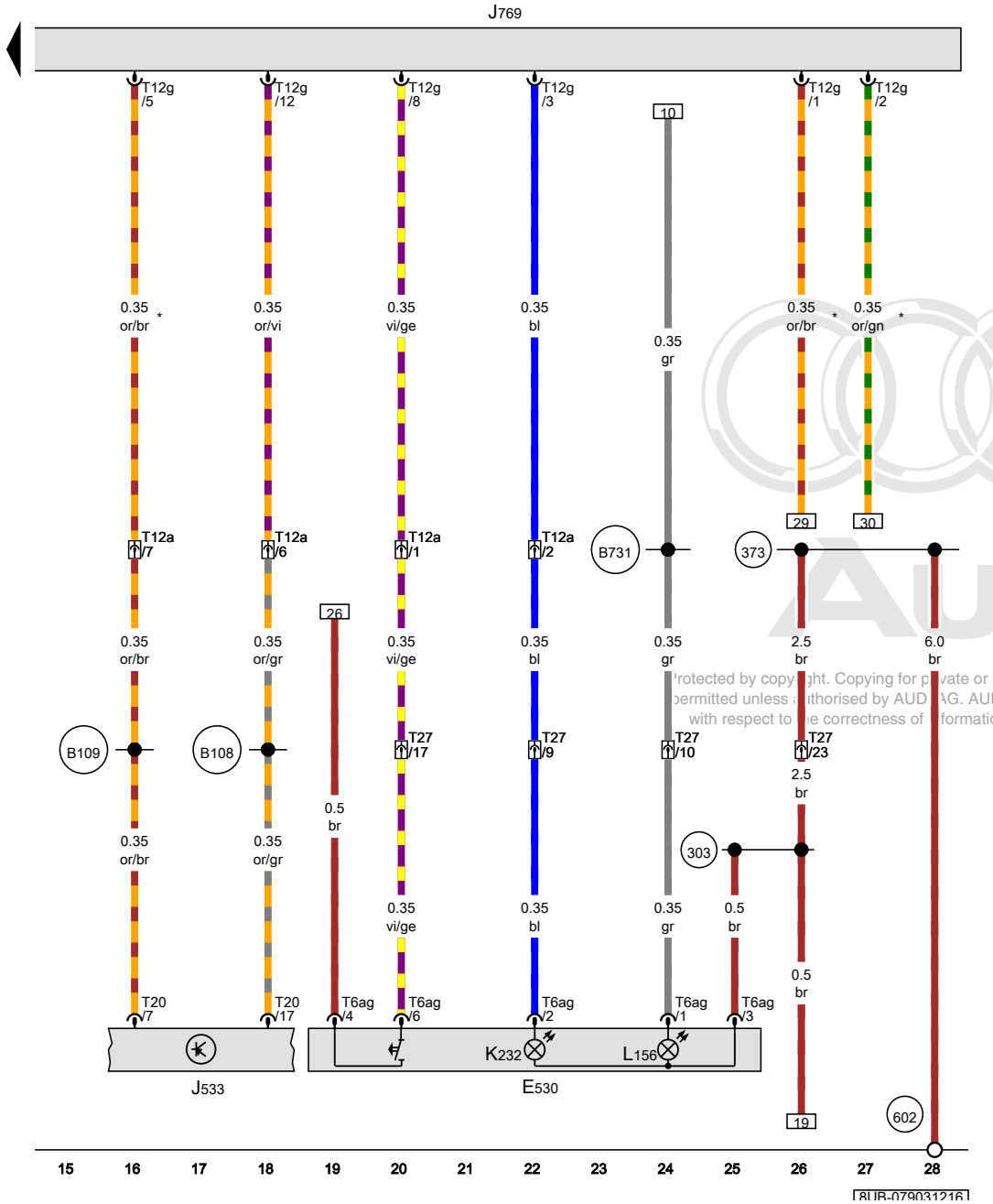


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Terminal 15 voltage supply relay, Lane change assist control unit

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J769	Lane change assist control unit
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T40	40-pin connector
T52b	52-pin connector
51	Earth point, on right in luggage compartment
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness

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rt	=	red
br	=	brown
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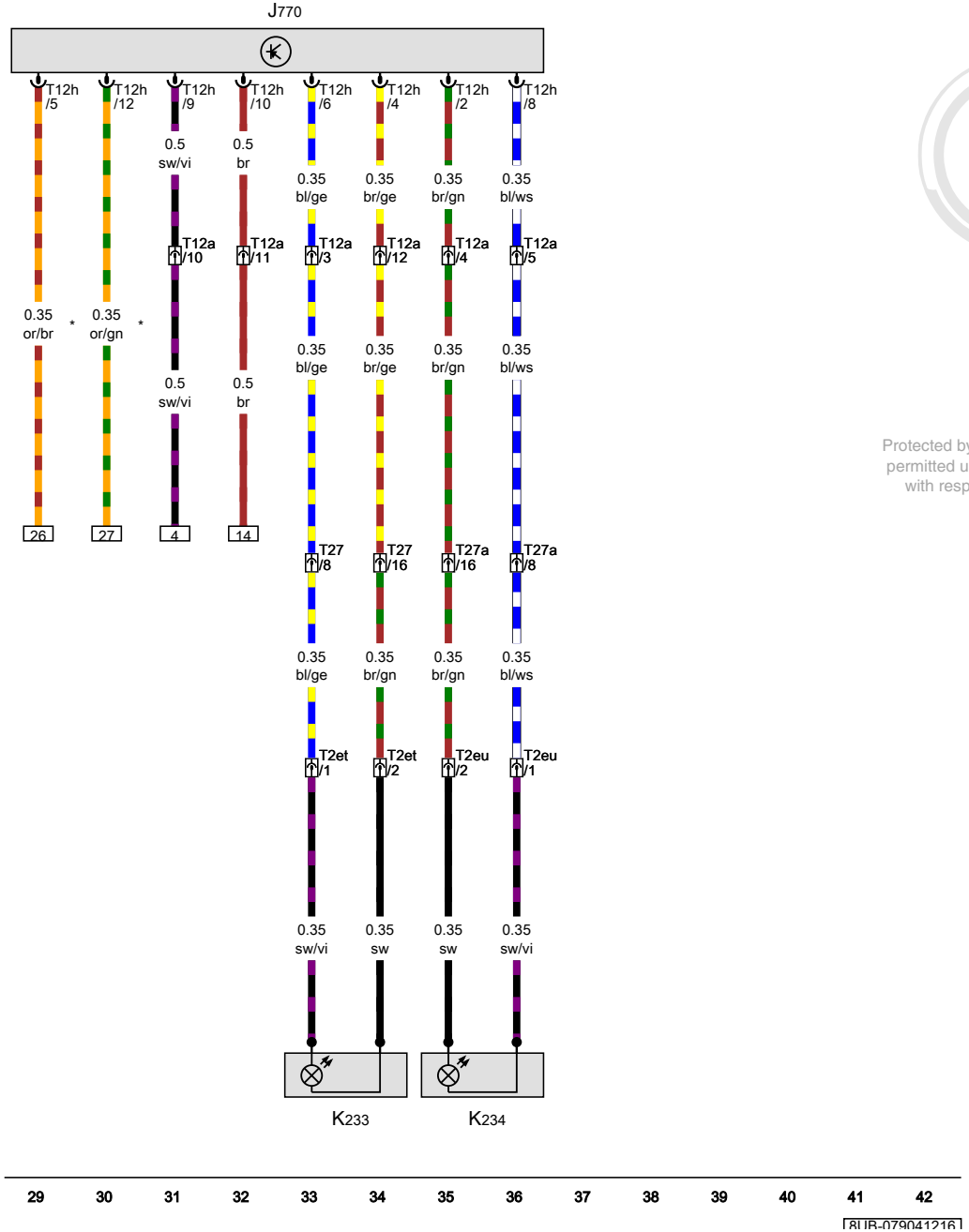
Button for lane change assist, Data bus diagnostic interface, Lane change assist control unit, Lane change assist warning lamp

E530	Button for lane change assist
J533	Data bus diagnostic interface
J769	Lane change assist control unit
K232	Lane change assist warning lamp
L156	Switch illumination bulb
T6ag	6-pin connector
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T20	20-pin connector
T27	27-pin connector, on left A-pillar
303	Earth connection 3, in drive side door wiring harness
373	Earth connection 8, in main wiring harness
602	Earth point, in front left footwell
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B731	Connection 1 (58s), in main wiring harness

* Wiring colour depends on equipment

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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror, Lane change assist warning lamp in passenger side exterior mirror

J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in passenger side exterior mirror
T2et	2-pin connector
T2eu	2-pin connector
T12a	12-pin connector, in rear bumper
T12h	12-pin connector
T27	27-pin connector, on left A-pillar
T27a	27-pin connector, on right A-pillar
*	Wiring colour depends on equipment

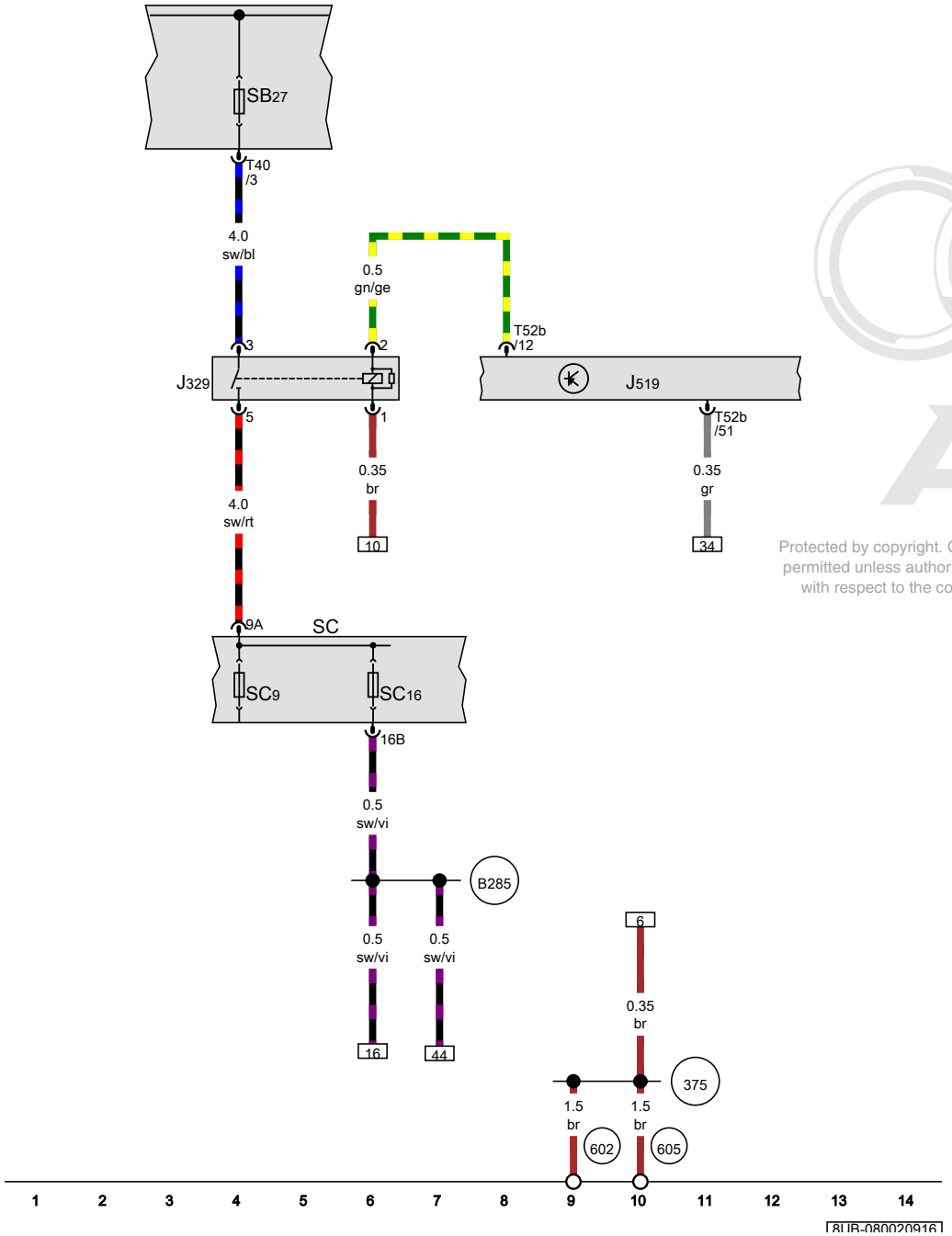
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Lane change assist for RHD vehicles , (L0R)

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Terminal 15 voltage supply relay

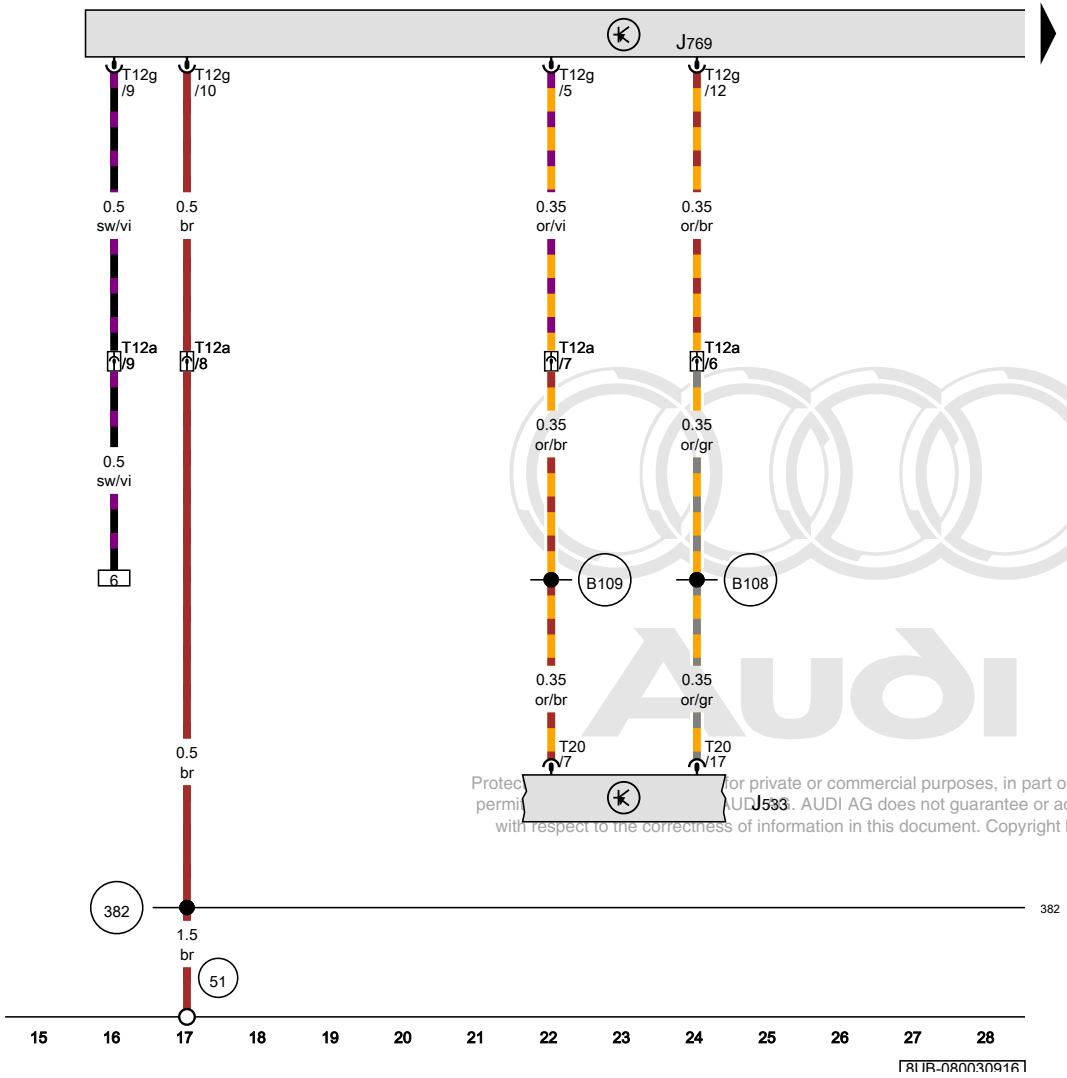
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC16	Fuse 16 on fuse holder C
SB27	Fuse 27 on fuse holder B
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B285	Positive connection 9 (15a) in main wiring harness

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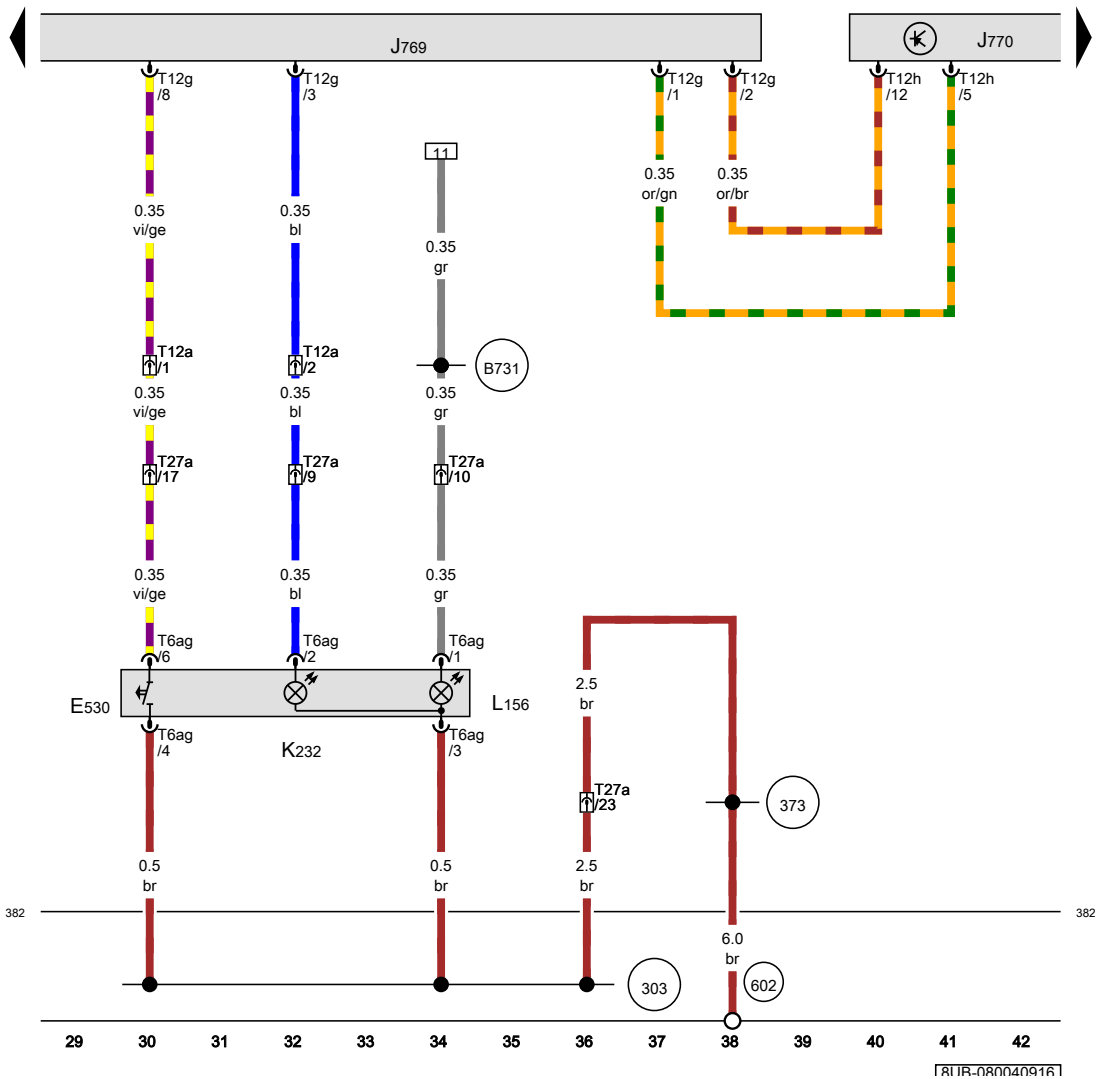
Data bus diagnostic interface, Lane change assist control unit

J533	Data bus diagnostic interface
J769	Lane change assist control unit
T12a	12-pin connector, in rear bumper
T12g	12-pin connector
T20	20-pin connector
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness



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gn = green
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or = orange
rs = pink

Button for lane change assist, Lane change assist control unit, Lane change assist control unit 2

E530 Button for lane change assist
J769 Lane change assist control unit
J770 Lane change assist control unit 2
K232 Lane change assist warning lamp
L156 Switch illumination bulb
T6ag 6-pin connector
T12a 12-pin connector, in rear bumper
T12g 12-pin connector
T12h 12-pin connector
T27a 27-pin connector, on left A-pillar

303 Earth connection 3, in drive side door wiring harness

373 Earth connection 8, in main wiring harness

382 Earth connection 17, in main wiring harness

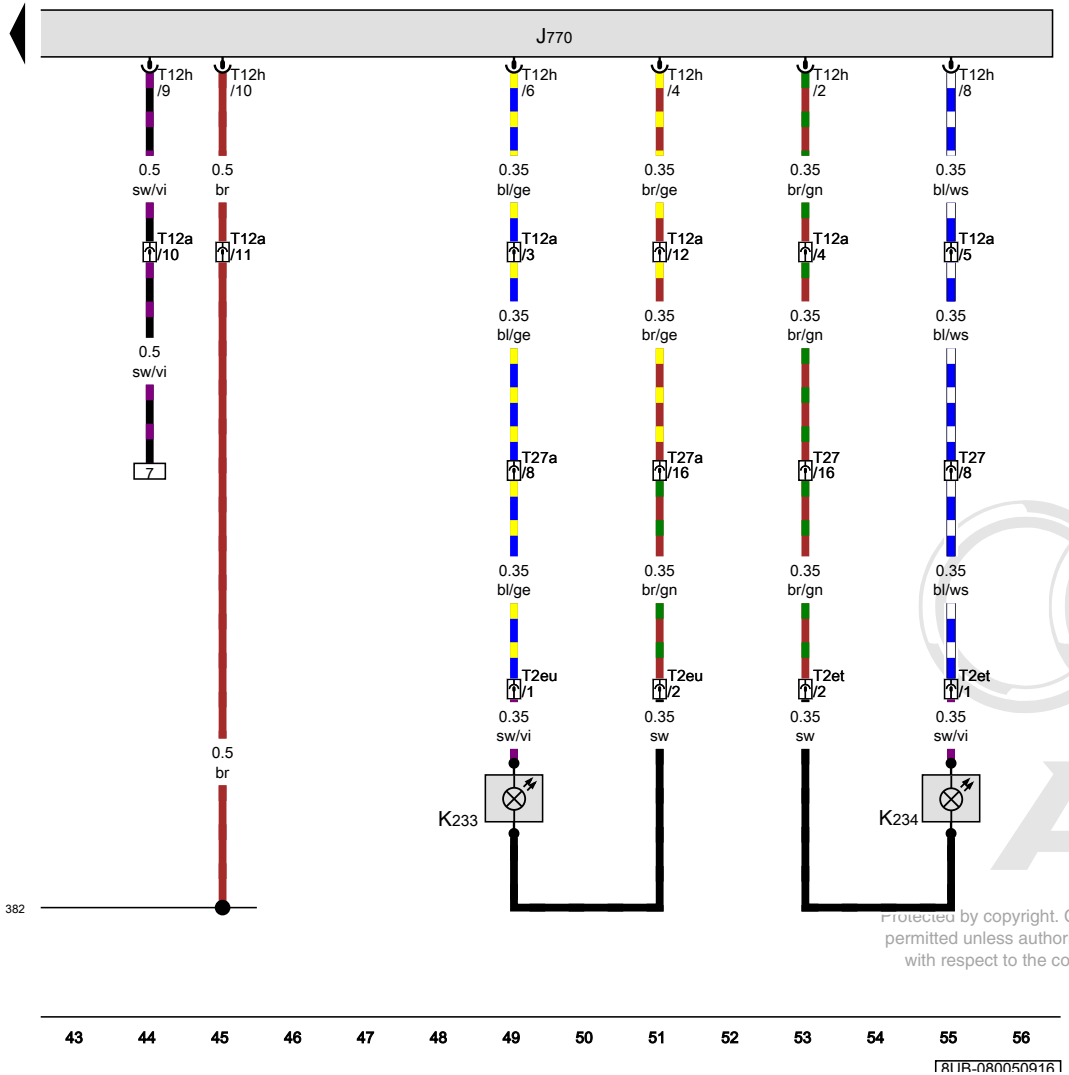
602 Earth point, in front left footwell

B731 Connection 1 (58s), in main wiring harness

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Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror

J770	Lane change assist control unit 2
K233	Lane change assist warning lamp in driver side exterior mirror
K234	Lane change assist warning lamp in passenger side exterior mirror
T2et	2-pin connector
T2eu	2-pin connector
T12a	12-pin connector, in rear bumper
T12h	12-pin connector
T27	27-pin connector
T27a	27-pin connector, on left A-pillar
382	Earth connection 17, in main wiring harness



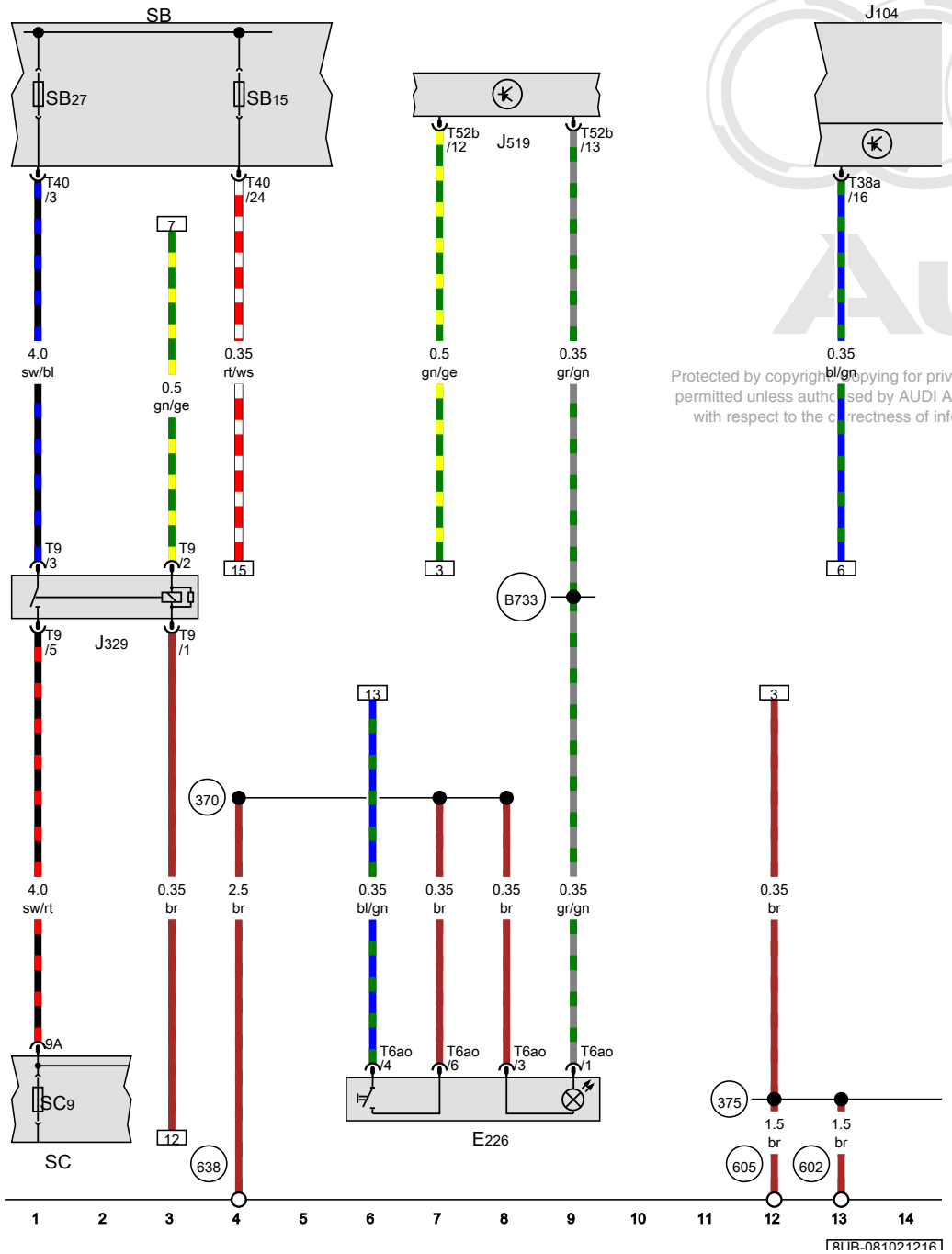
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or	=	orange
rs	=	pink

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Tyre Pressure Monitoring System, only models with USA equipment

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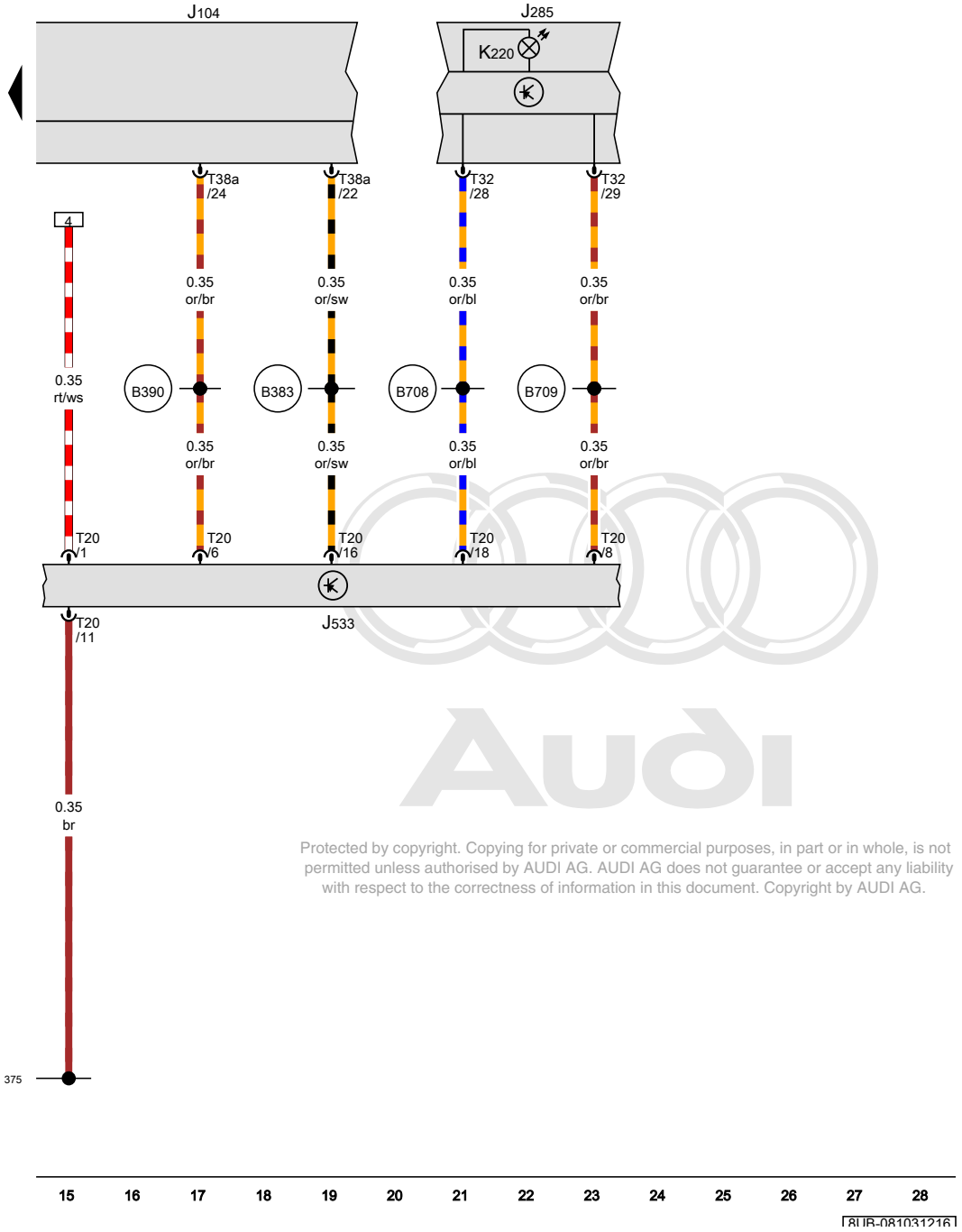


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Tyre Pressure Monitoring System button, ABS control unit, Terminal 15 voltage supply relay

E226	Tyre Pressure Monitoring System button
J104	ABS control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SB15	Fuse 15 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
T6ao	6-pin connector
T9	9-pin connector
T38a	38-pin connector
T40	40-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B733	Connection 3 (58s), in main wiring harness

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ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Tyre Pressure Loss Indicator warning lamp

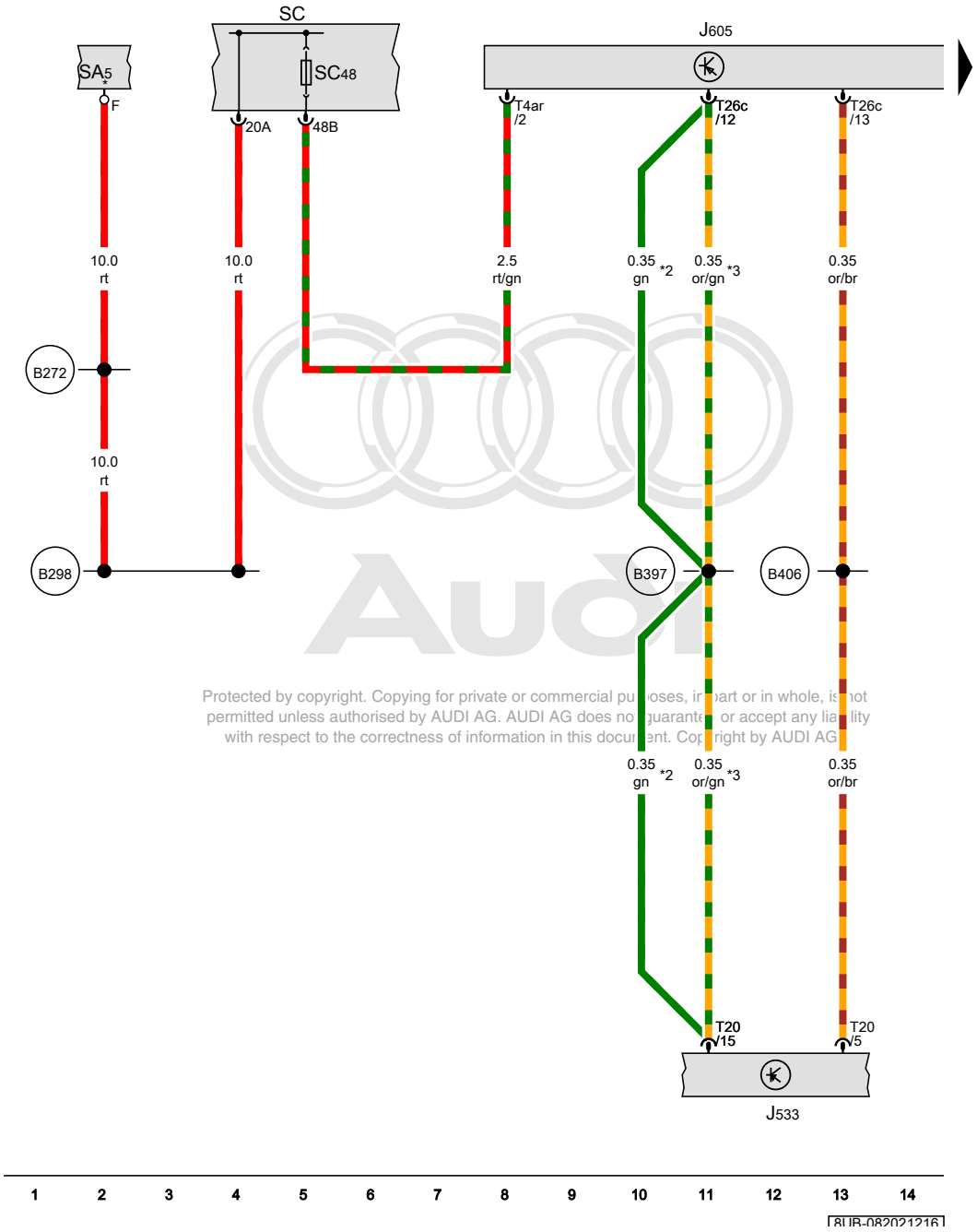
J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K220	Tyre Pressure Loss Indicator warning lamp
T20	20-pin connector
T32	32-pin connector
T38a	38-pin connector
375	Earth connection 10, in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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sw	=	black
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rt	=	red
br	=	brown
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vi	=	purple
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or	=	orange
rs	=	pink

Electrically operated rear lid , (4E7),(4E9)

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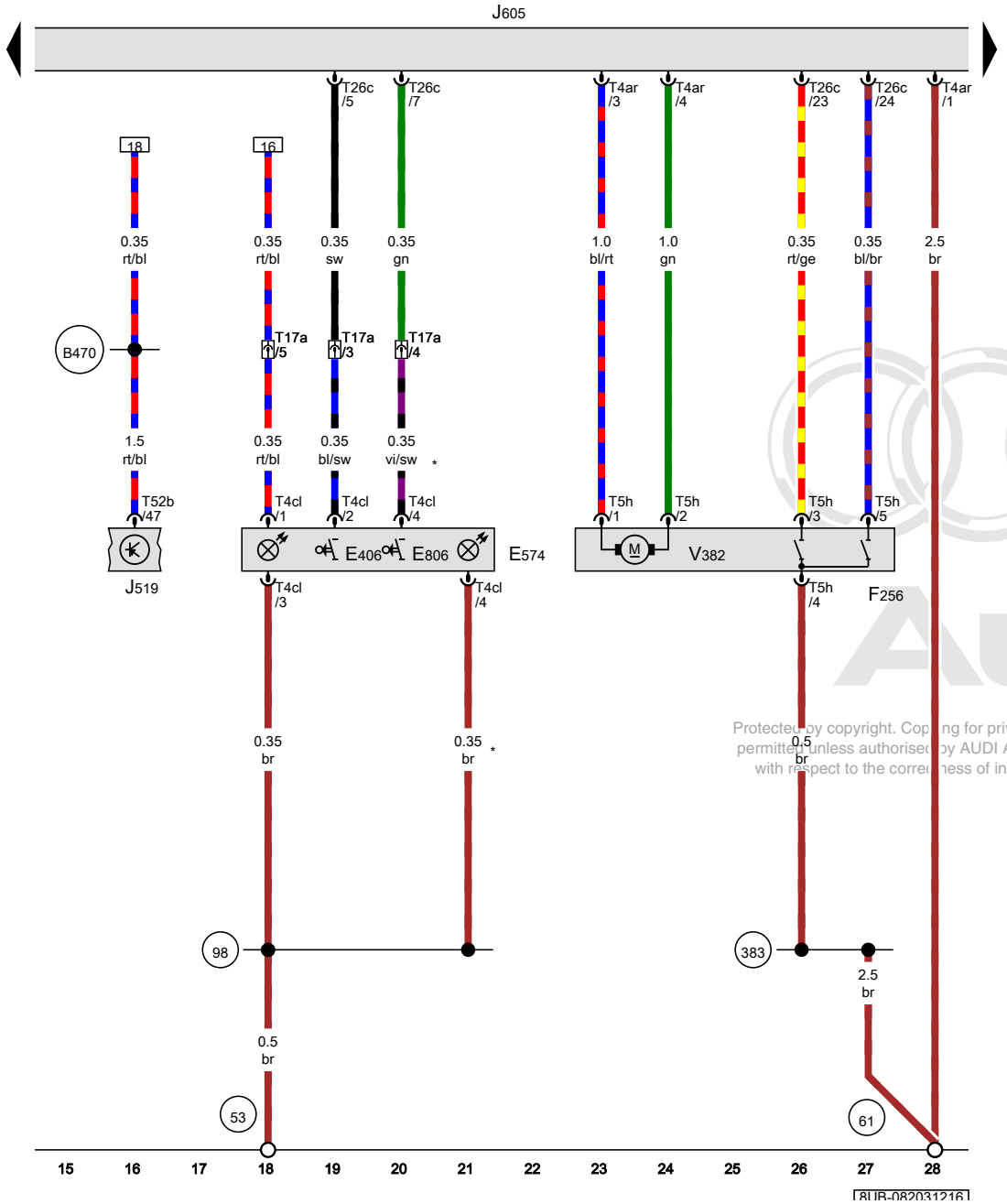


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Rear lid control unit

J533	Data bus diagnostic interface
J605	Rear lid control unit
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC48	Fuse 48 on fuse holder C
T4ar	4-pin connector
T20	20-pin connector
T26c	26-pin connector
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for battery
*2	From November 2016
*3	Up to October 2016

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
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or	=	orange
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Rear lid closure button, Rear lid control unit

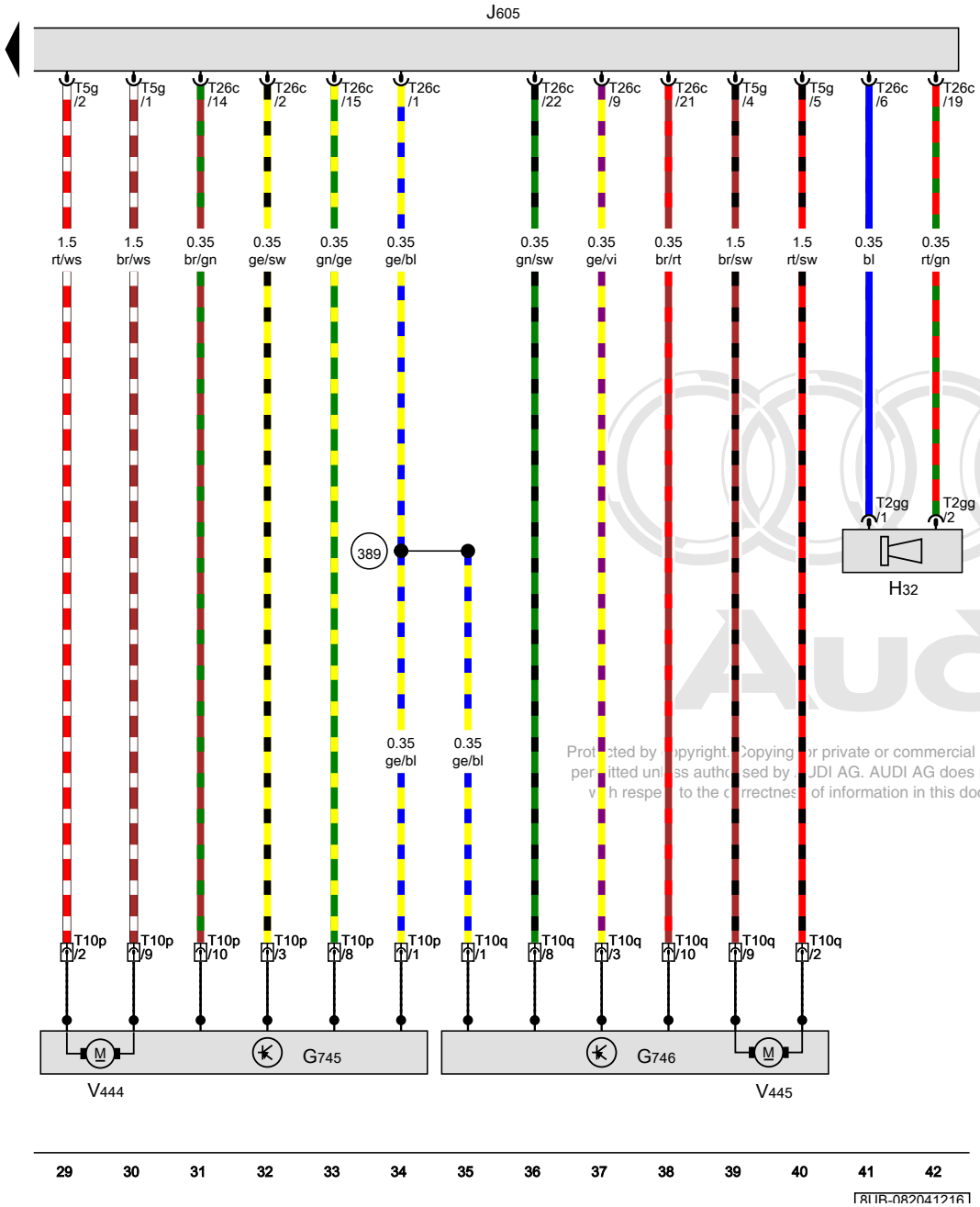
E406	Button to close rear lid in luggage compartment
E574	Rear lid closure button
E806	Locking button in rear lid
F256	Rear lid lock unit
J519	Onboard supply control unit
J605	Rear lid control unit
T4ar	4-pin connector
T4cl	4-pin connector, brown
T5h	5-pin connector
T17a	17-pin connector
T26c	26-pin connector
T52b	52-pin connector
V382	Power latching motor for rear lid
53	Earth point, on right in rear lid
61	Earth point, left C-pillar
98	Earth connection, in rear lid wiring harness
383	Earth connection 18, in main wiring harness
B470	Connection 6, in main wiring harness
*	According to equipment

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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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Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

G745	Sensor in motor 1 for rear lid
G746	Sensor in motor 2 for rear lid
H32	Rear lid warning buzzer
J605	Rear lid control unit
T2gg	2-pin connector, black
T5g	5-pin connector
T10p	10-pin connector
T10q	10-pin connector
T26c	26-pin connector
V444	Motor 1 for rear lid
V445	Motor 2 for rear lid
389	Earth connection 24, in main wiring harness



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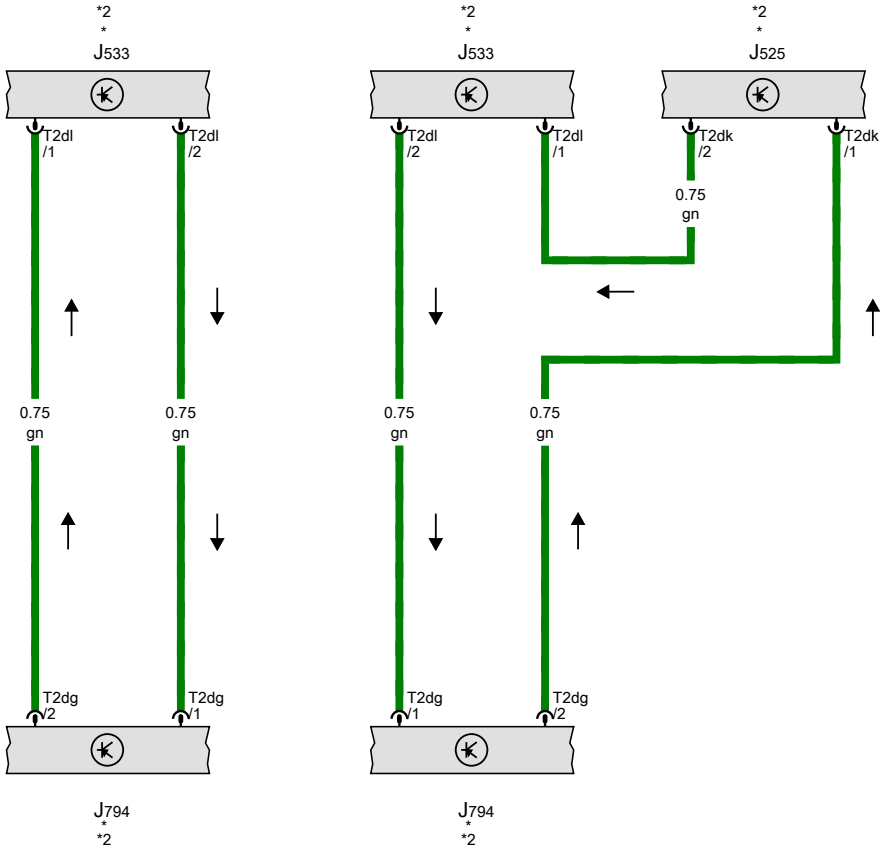
Infotainment MOST bus

From May 2014

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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
T2dg	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
*	Only models with radio concert
*2	According to equipment



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sw	=	black
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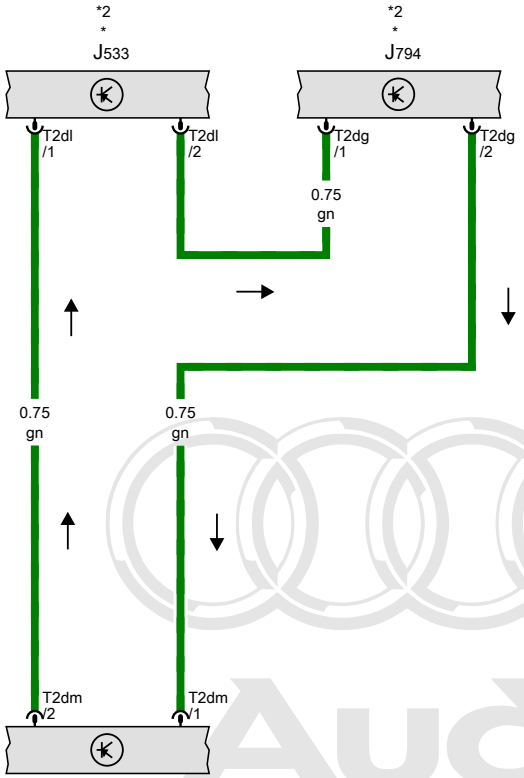
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[8UG-083021216]

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Data bus diagnostic interface, Control unit 1 for information electronics, CD changer

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T2dg	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	Only models with radio concert
*2	According to equipment



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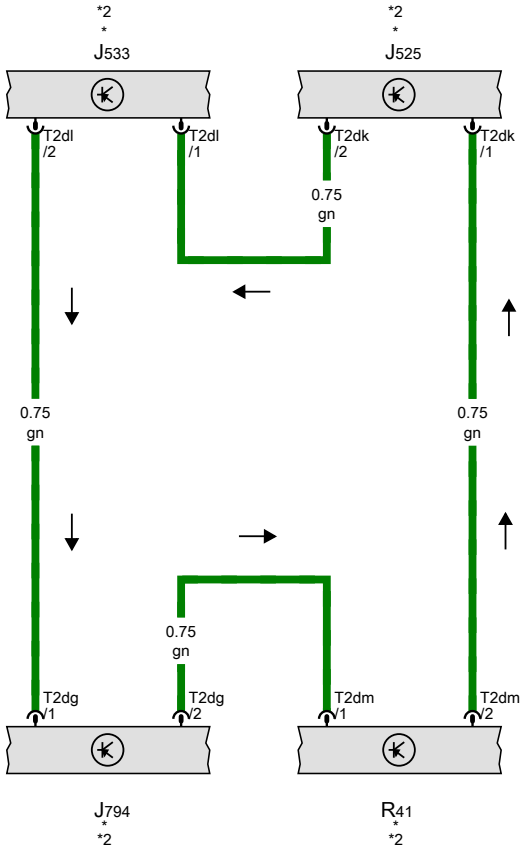
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rs	=	pink

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

[8UG-0830312161]

Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, CD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R41	CD changer
T2dg	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	Only models with radio concert
*2	According to equipment



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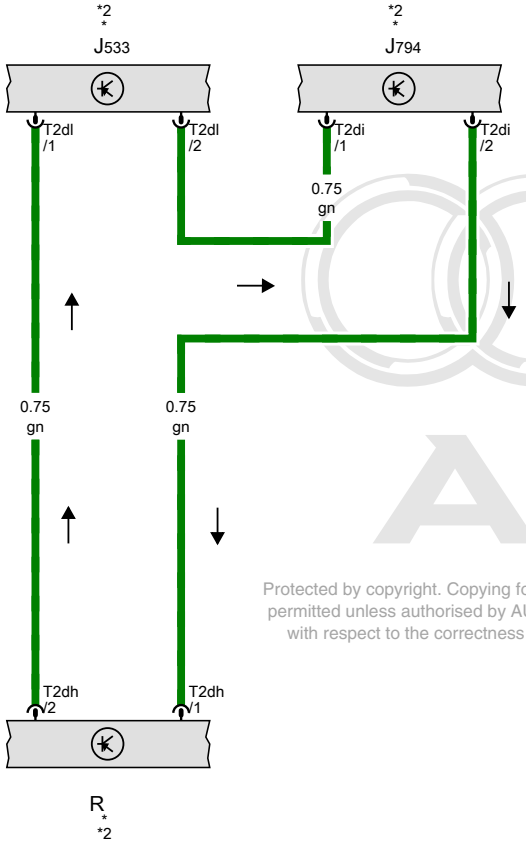
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

[8UG-083041216]

Data bus diagnostic interface, Control unit 1 for information electronics, Radio

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
*	According to equipment
*2	Only models with MMI



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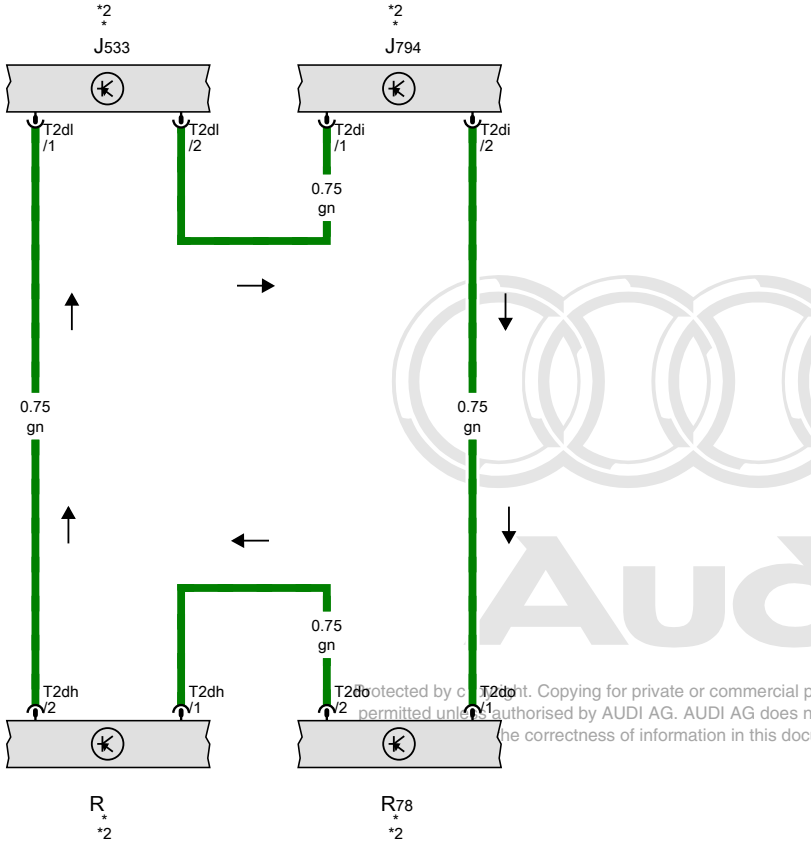
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43 44 45 46 47 48 49 50 51 52 53 54 55 56

[8UG-083051216]

Data bus diagnostic interface, Control unit 1 for information electronics, Radio, TV tuner

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI



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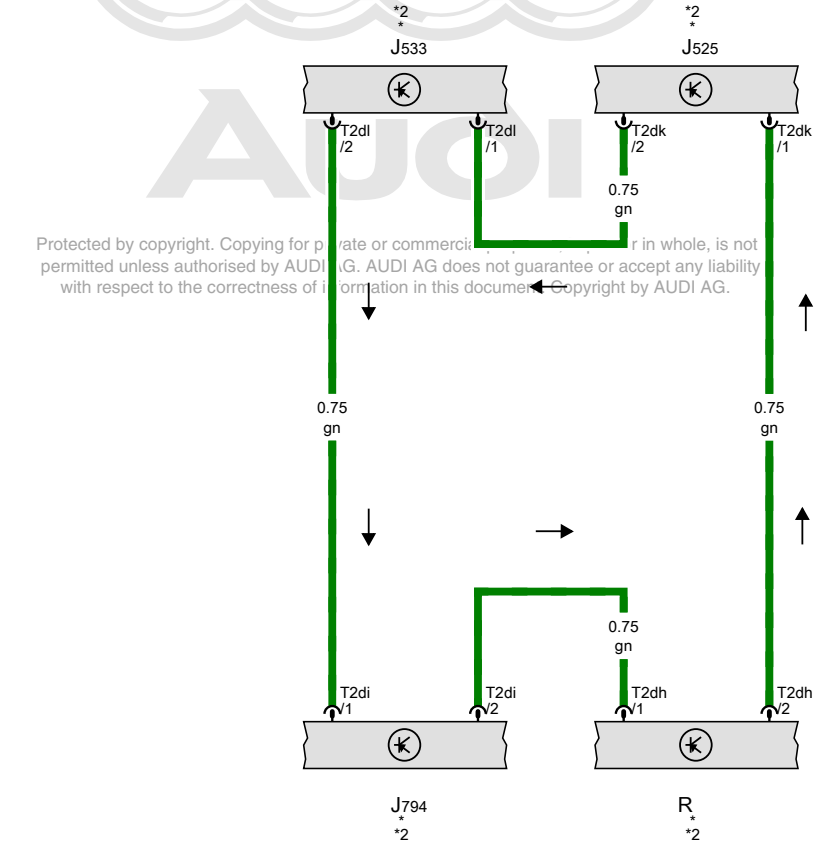
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57 58 59 60 61 62 63 64 65 66 67 68 69 70

[8UG-083061216]

Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
*	According to equipment
*2	Only models with MMI



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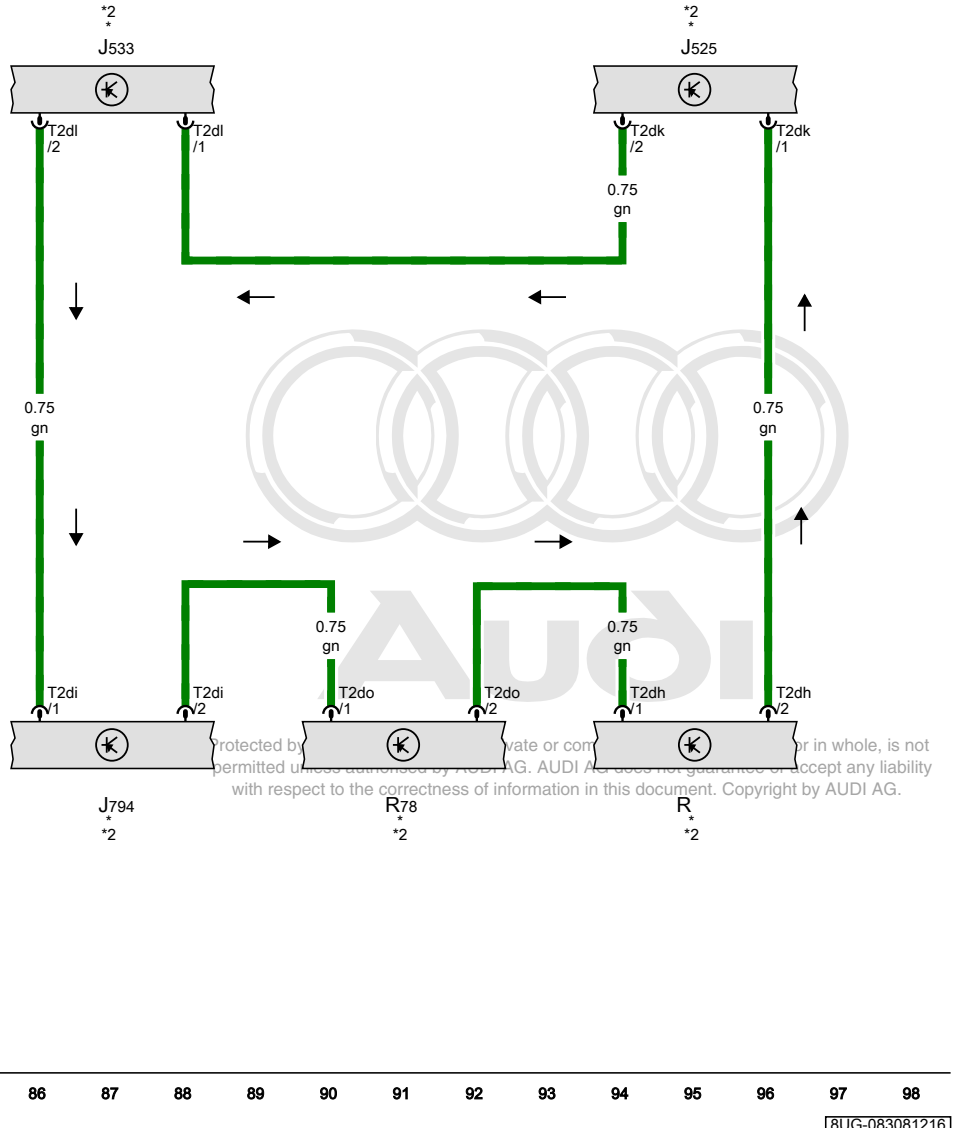
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[8UG-083071216]

Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, TV tuner

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI

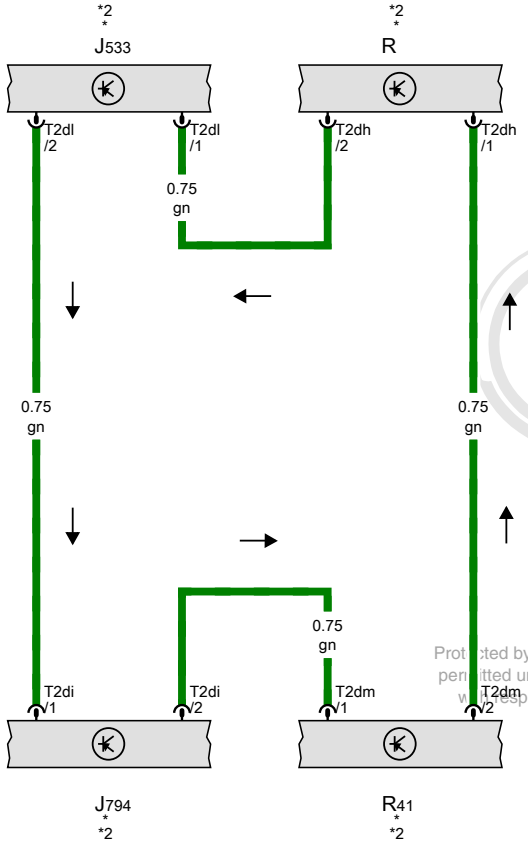


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Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	According to equipment
*2	Only models with MMI



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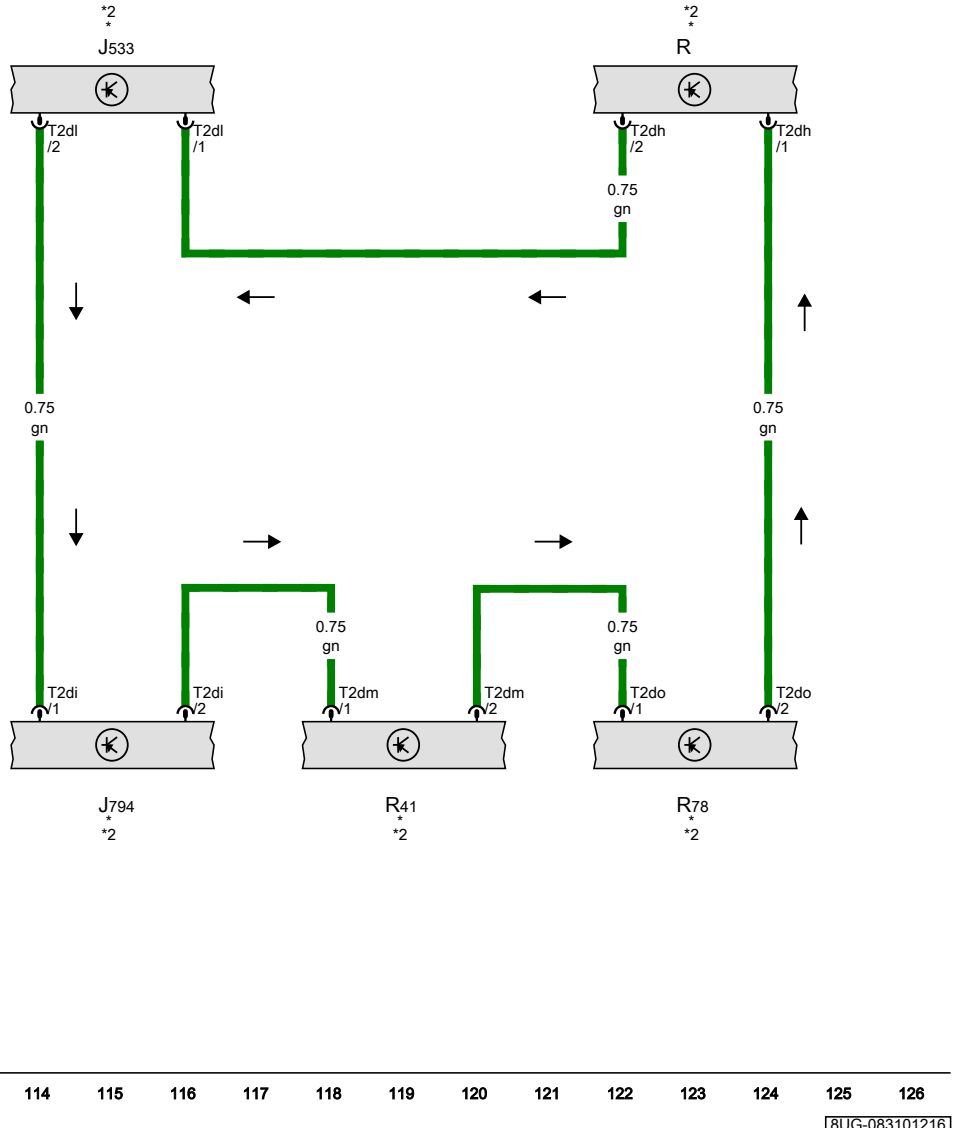
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[8UG-083091216]

Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
R78	TV tuner
T2dh	2-pin connector
T2di	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T2do	2-pin connector
*	According to equipment
*2	Only models with MMI

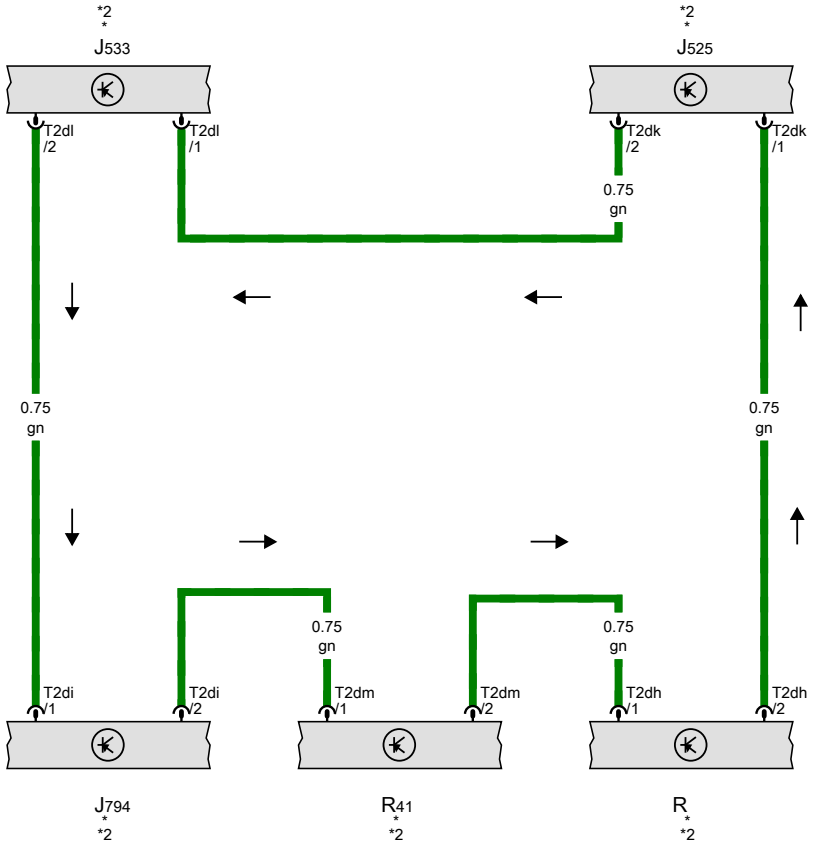


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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer

J525	Digital sound package control unit
J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R	Radio
R41	CD changer
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
*	According to equipment
*2	Only models with MMI



ws	=	white
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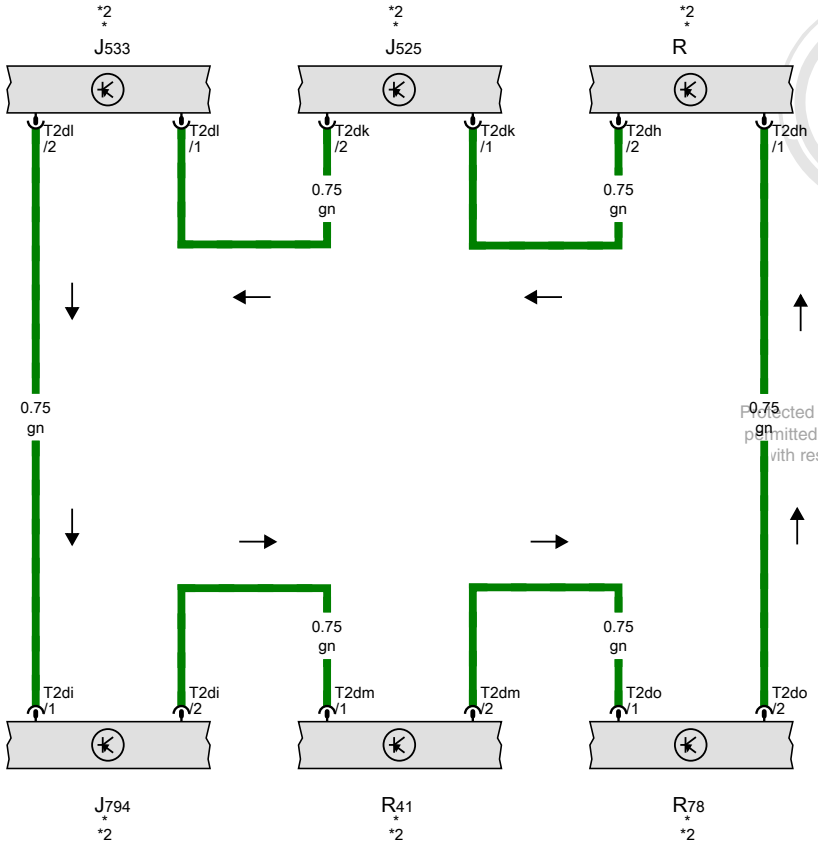
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[8UG-083111216]

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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics, Radio, CD changer, TV tuner

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
T2dh	2-pin connector
T2di	2-pin connector
T2dk	2-pin connector
T2dl	2-pin connector
T2dm	2-pin connector
T2do	2-pin connector
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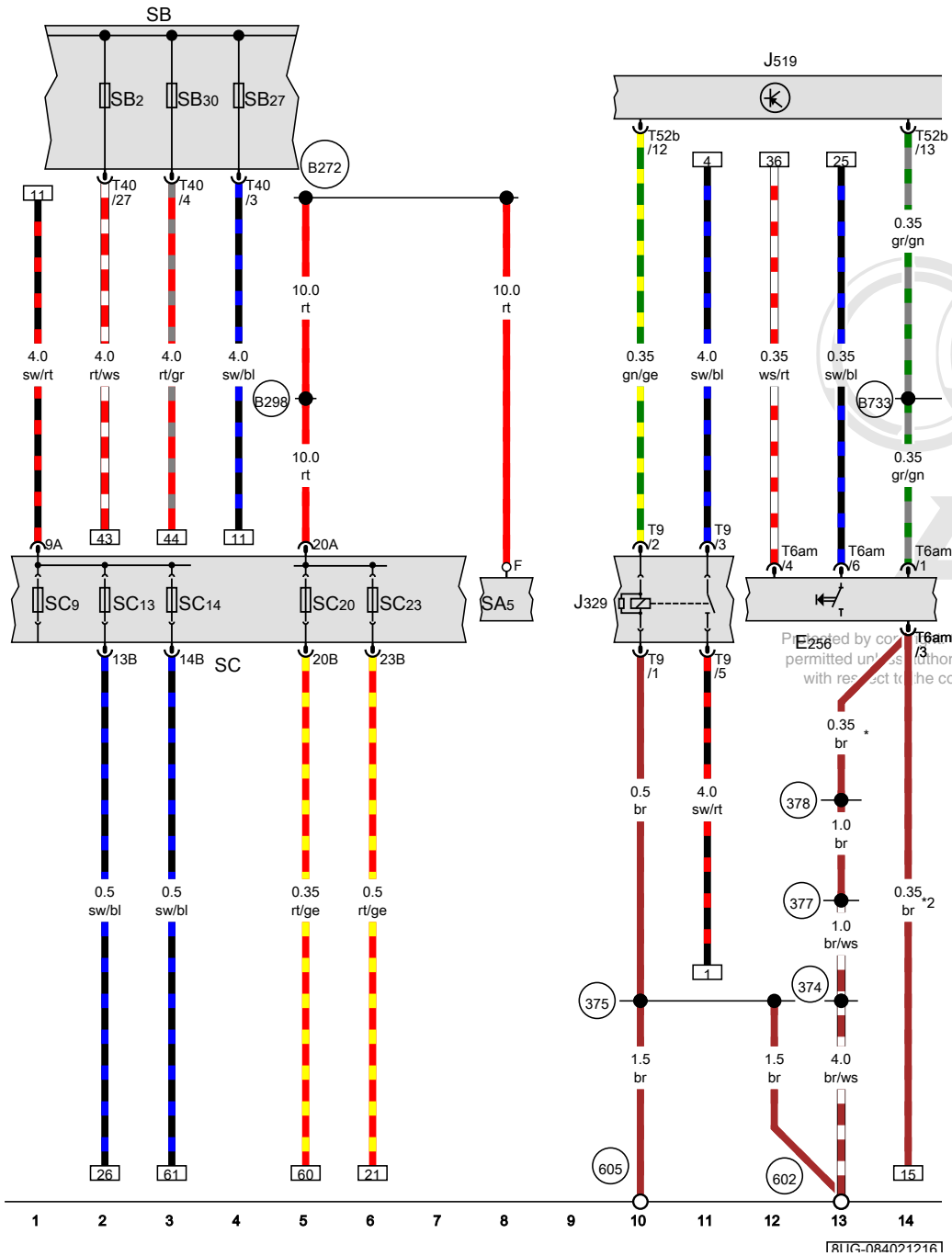
141 142 143 144 145 146 147 148 149 150 151 152 153 154

[8UG-083121216]

Anti-lock brake system (ABS) with electronic stabilisation program (ESP) , (GP2)

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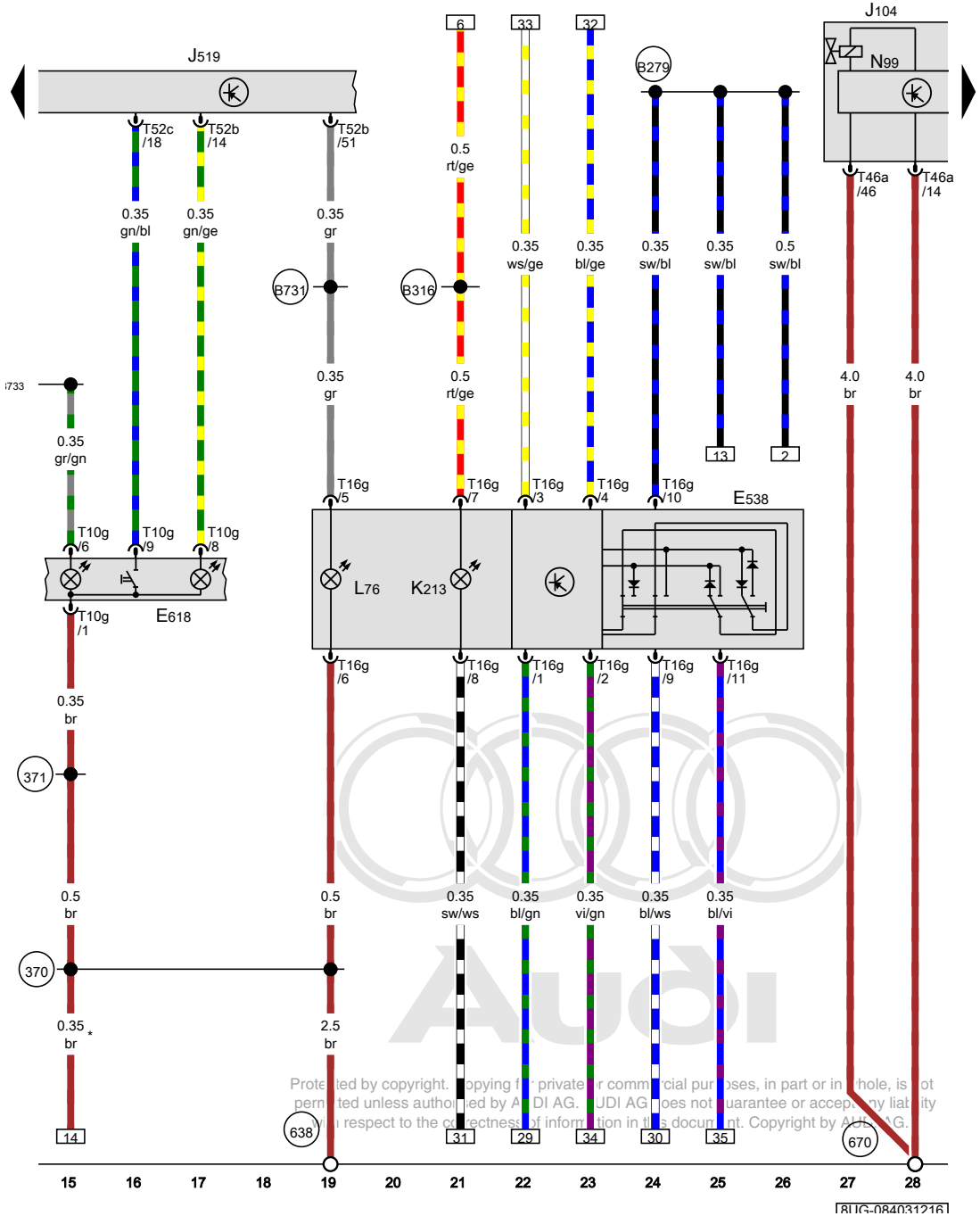


ws = white
sw = black
ro = red
rt = red
br = brown
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Button for TCS and electronic stabilisation program, Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

E256	Button for TCS and electronic stabilisation program
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC23	Fuse 23 on fuse holder C
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
T6am	6-pin connector, white
T9	9-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only left-hand drive models
*2	Only right-hand drive models

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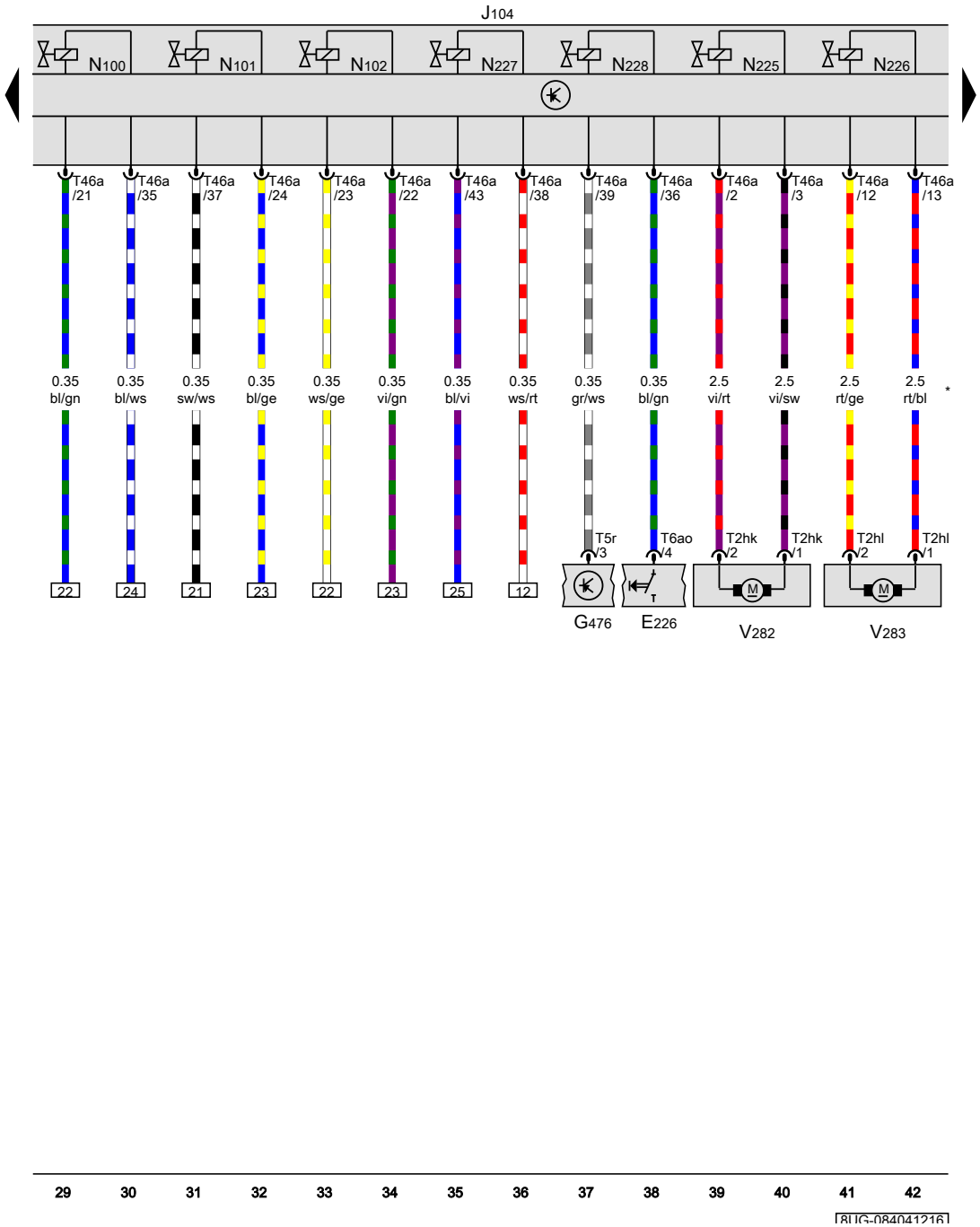
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Electromechanical parking brake button, ABS control unit, Onboard supply control unit

E538	Electromechanical parking brake button
E618	Hill descent control button
J104	ABS control unit
J519	Onboard supply control unit
K213	Electromechanical parking brake warning lamp
L76	Button illumination bulb
N99	Front right ABS inlet valve
T10g	10-pin connector
T16g	16-pin connector
T46a	46-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
670	Earth point 2, left A-pillar
B279	Positive connection 3 (15a) in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
B731	Connection 1 (58s), in main wiring harness
B733	Connection 3 (58s), in main wiring harness
*	Only right-hand drive models

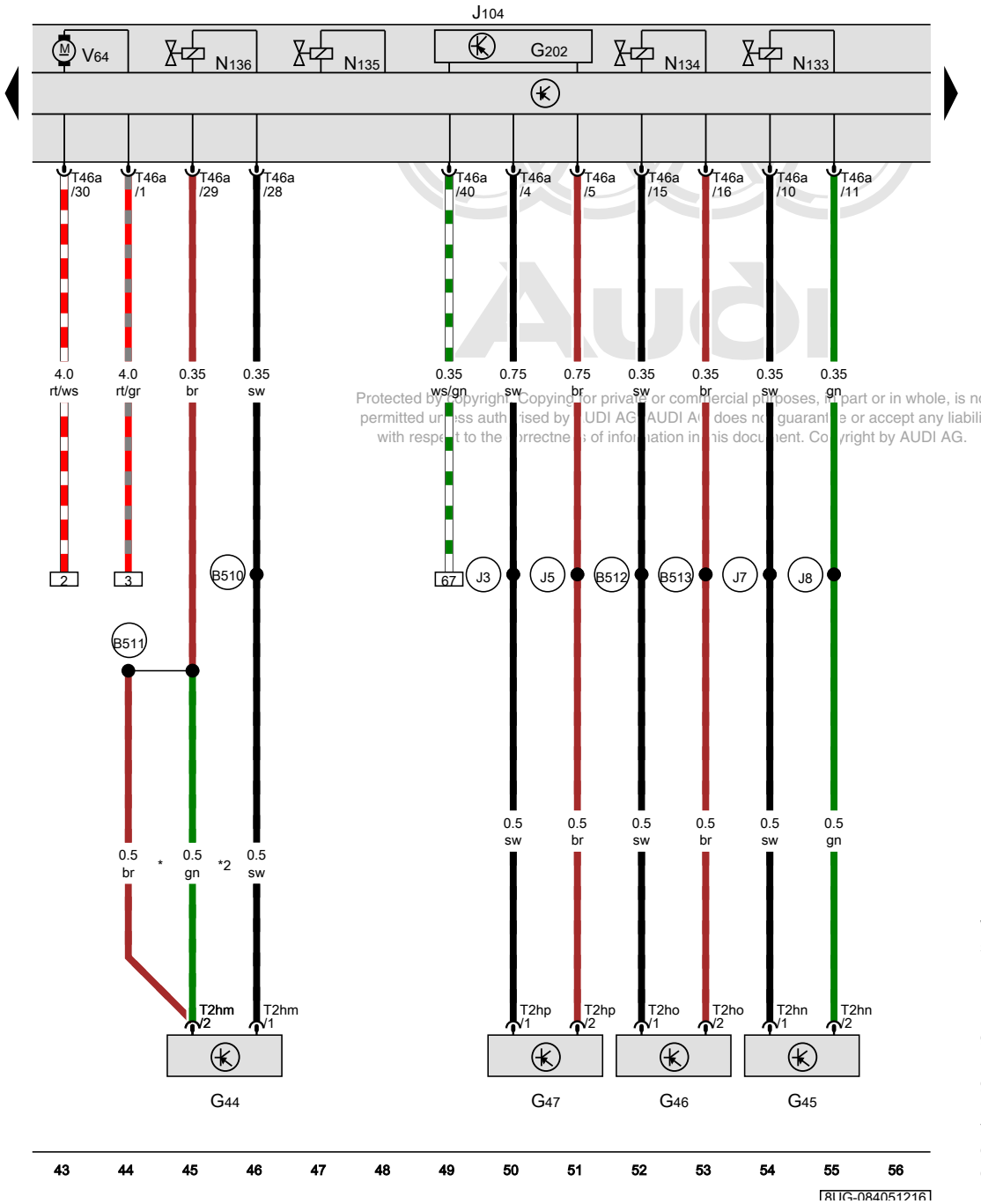


ABS control unit, Front left ABS inlet valve, Left parking brake motor, Right parking brake motor

E226	Tyre Pressure Monitoring System button
G476	Clutch position sender
J104	ABS control unit
N100	Front right ABS outlet valve
N101	Front left ABS inlet valve
N102	Front left ABS outlet valve
N225	Vehicle stabilization program switch valve 1
N226	Vehicle stabilization program switch valve 2
N227	Vehicle stabilization program high-pressure valve 1
N228	Vehicle stabilization program high-pressure valve 2
T2hk	2-pin connector, black
T2hl	2-pin connector, black
T5r	5-pin connector, black
T6ao	6-pin connector, black
T46a	46-pin connector, black
V282	Left parking brake motor
V283	Right parking brake motor
*	Wiring colour depends on equipment

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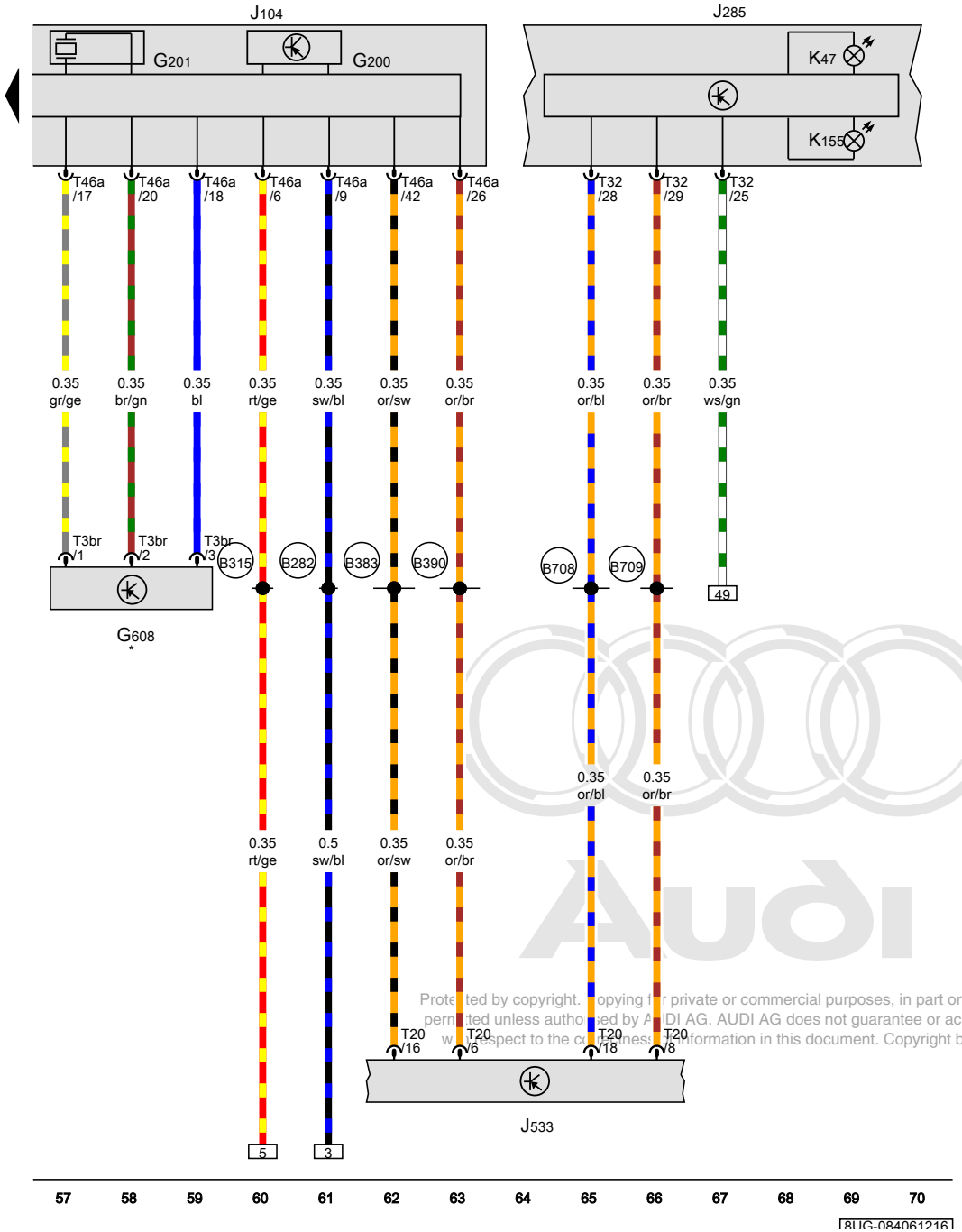


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Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit, Rear right ABS outlet valve, ABS hydraulic pump

G44	Rear right speed sensor
G45	Front right speed sensor
G46	Rear left speed sensor
G47	Front left speed sensor
G202	Yaw rate sender
J104	ABS control unit
N133	Rear right ABS inlet valve
N134	Rear left ABS inlet valve
N135	Rear right ABS outlet valve
N136	Rear left ABS outlet valve
T2hm	2-pin connector
T2hn	2-pin connector
T2ho	2-pin connector
T2hp	2-pin connector
T46a	46-pin connector, black
V64	ABS hydraulic pump
B510	Connection 1 (rear right speed sensor), in interior wiring harness
B511	Connection 2 (rear right speed sensor), in interior wiring harness
B512	Connection 1 (rear left speed sensor), in interior wiring harness
B513	Connection 2 (rear left speed sensor), in interior wiring harness
J3	Connection 1, in ABS wiring harness
J5	Connection 2, in ABS wiring harness
J7	Connection 3, in ABS wiring harness
J8	Connection 4, in ABS wiring harness
*	Only models with no electronic damping control
*2	Only models with electronic damping control



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Vacuum sender, ABS control unit, Data bus diagnostic interface, ABS warning lamp, Warning lamp for electronic stabilisation program and TCS

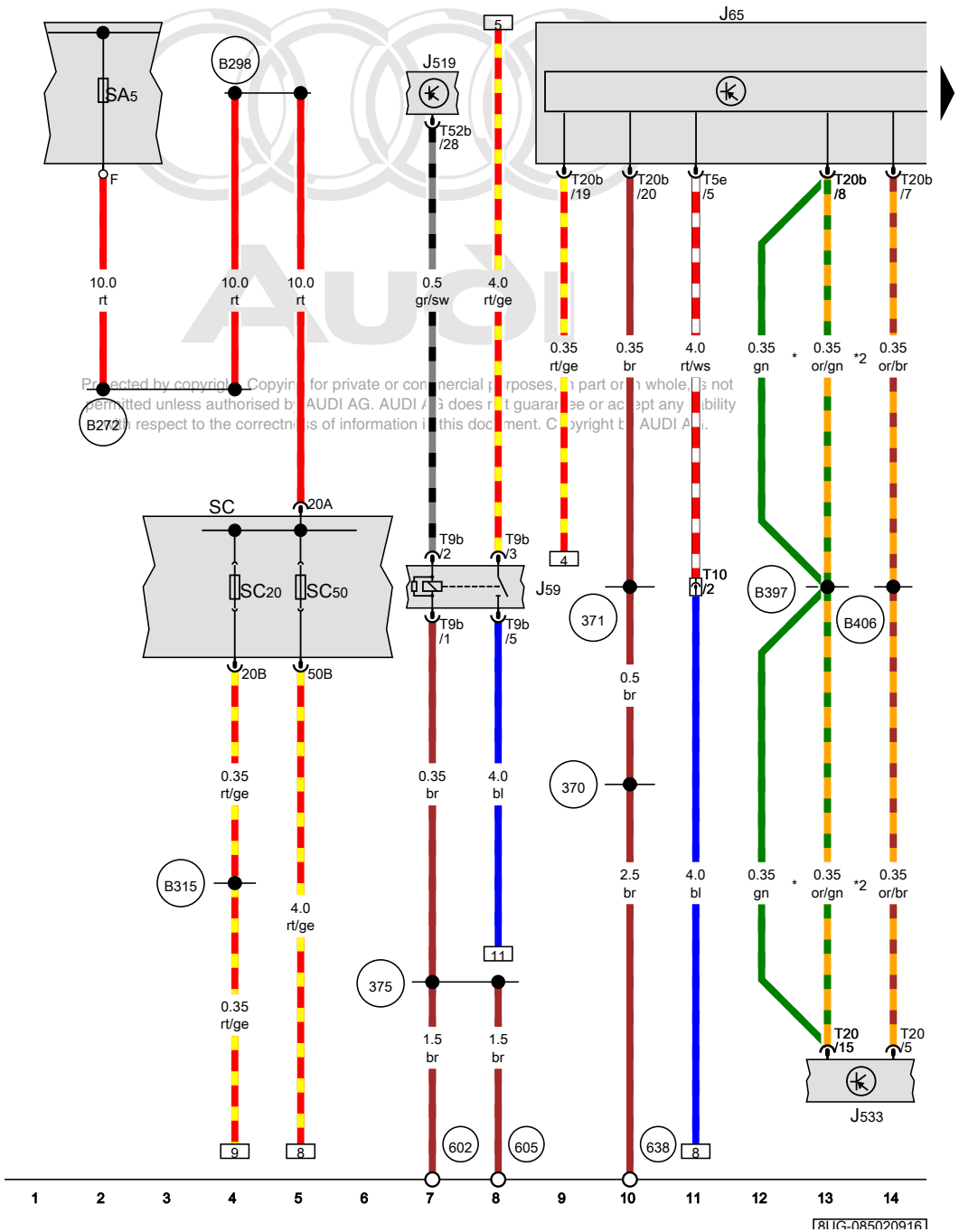
G200	Lateral acceleration sender
G201	Brake pressure sender 1
G608	Vacuum sender
J104	ABS control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface, in left footwell, near centre console
K47	ABS warning lamp
K155	Warning lamp for electronic stabilisation program and TCS
T3br	3-pin connector, black
T20	20-pin connector, red
T32	32-pin connector, blue
T46a	46-pin connector, black
B282	Positive connection 6 (15a) in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	According to equipment

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Manually controlled heater , (9AC)

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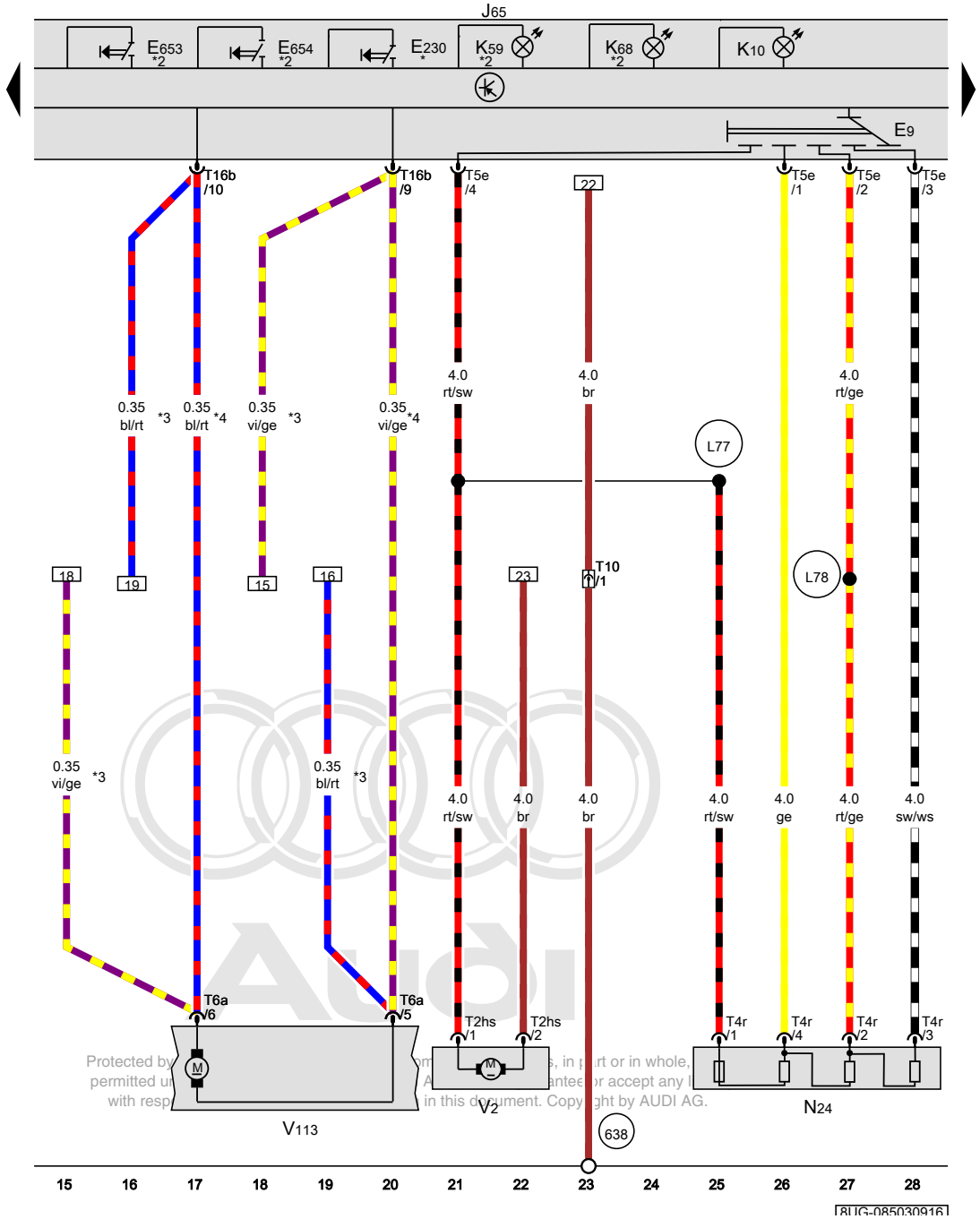


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Heater control unit, Data bus diagnostic interface, Fuse holder C

J59	X-contact relief relay
J65	Heater control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
SA5	Fuse 5 on fuse holder A
SC	Fuse holder C
SC20	Fuse 20 on fuse holder C
SC50	Fuse 50 on fuse holder C
T5e	5-pin connector
T9b	9-pin connector
T10	10-pin connector
T20	20-pin connector
T20b	20-pin connector
T52b	52-pin connector
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
638	Earth point, on right A-pillar
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B315	Positive connection 1 (30a) in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	From November 2016
*2	Up to October 2016

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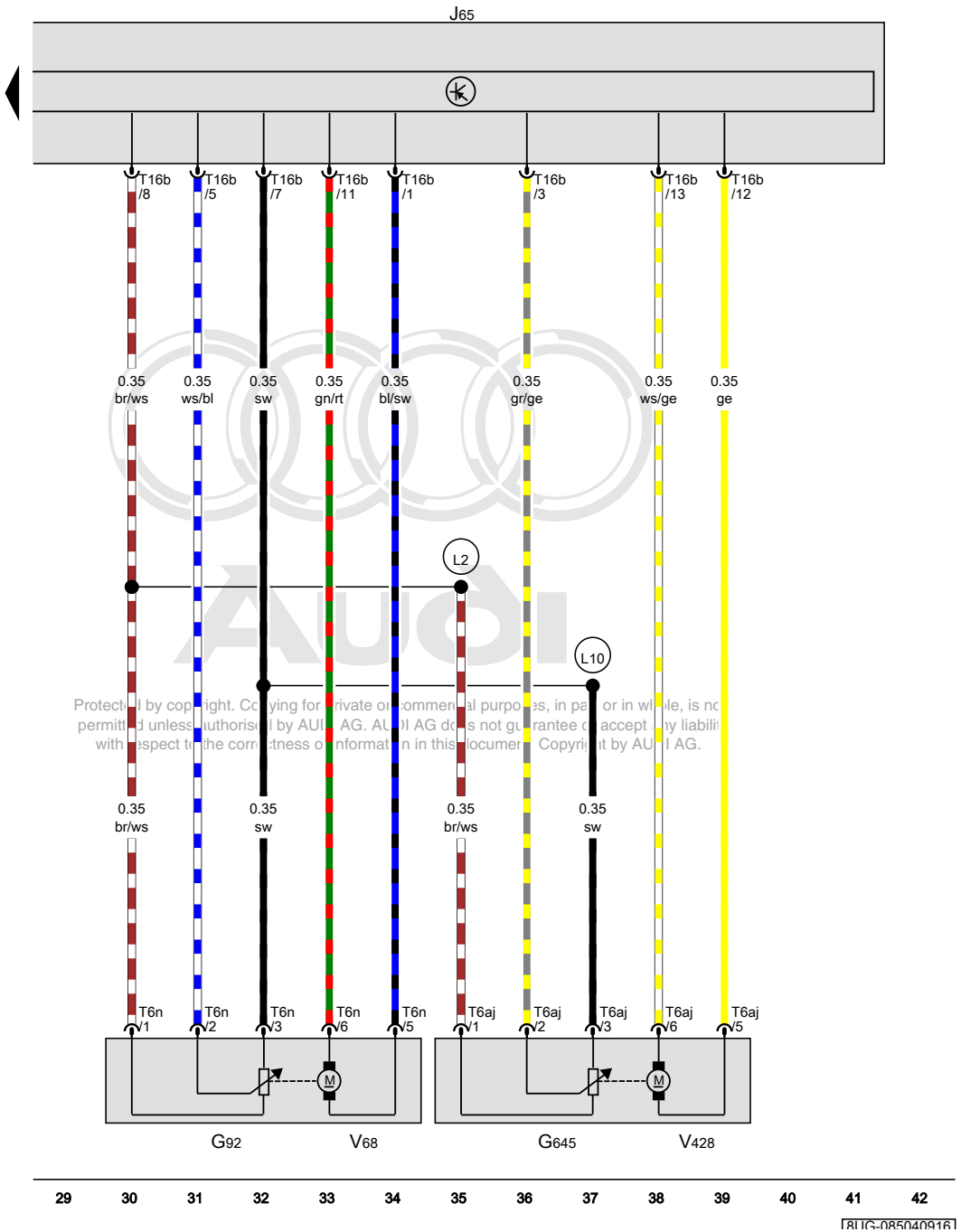


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Heater control unit, Air recirculation flap control motor

E9	Fresh air blower switch
E230	Heated rear window button
E653	Button for left seat heating
E654	Button for right seat heating
J65	Heater control unit
K10	Heated rear window warning lamp
K59	Heated driver seat warning lamp
K68	Heated front passenger seat warning lamp
N24	Fresh air blower series resistor with overheating fuse
T2hs	2-pin connector
T4r	4-pin connector
T5e	5-pin connector
T6a	6-pin connector
T10	10-pin connector
T16b	16-pin connector
V2	Fresh air blower
V113	Air recirculation flap control motor
638	Earth point, on right A-pillar
L77	Connection, in fresh air blower wiring harness
L78	Connection 1, in fresh air blower wiring harness
*	Controls for heated rear window via CAN bus
*2	see applicable current flow diagram for seat heating
*3	Only right-hand drive models
*4	Only left-hand drive models

ws	=	white
sw	=	black
ro	=	red
rt	=	red
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Potentiometer for temperature flap control motor, Potentiometer for air distribution flap control motor, Heater control unit, Temperature flap control motor, Air distribution flap control motor

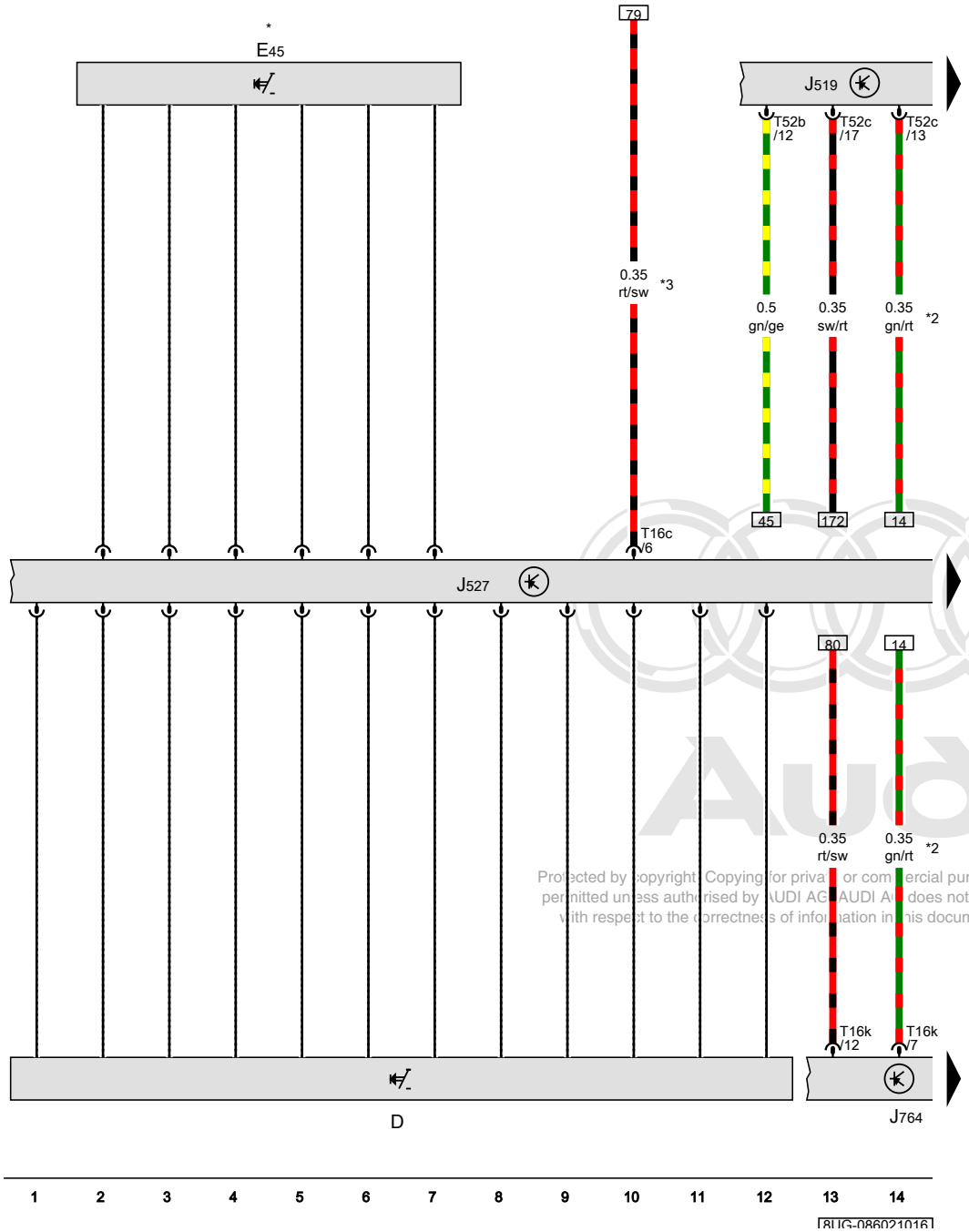
G92	Potentiometer for temperature flap control motor
G645	Potentiometer for air distribution flap control motor
J65	Heater control unit
T6aj	6-pin connector
T6n	6-pin connector
T16b	16-pin connector
V68	Temperature flap control motor
V428	Air distribution flap control motor
L2	Connection in air conditioning system wiring harness
L10	Connection 2, in air conditioning system 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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2.0l diesel engine , CUVB,CUVC,CUVD,CUWA,DFTA,DFTB,DFTC,DFUA

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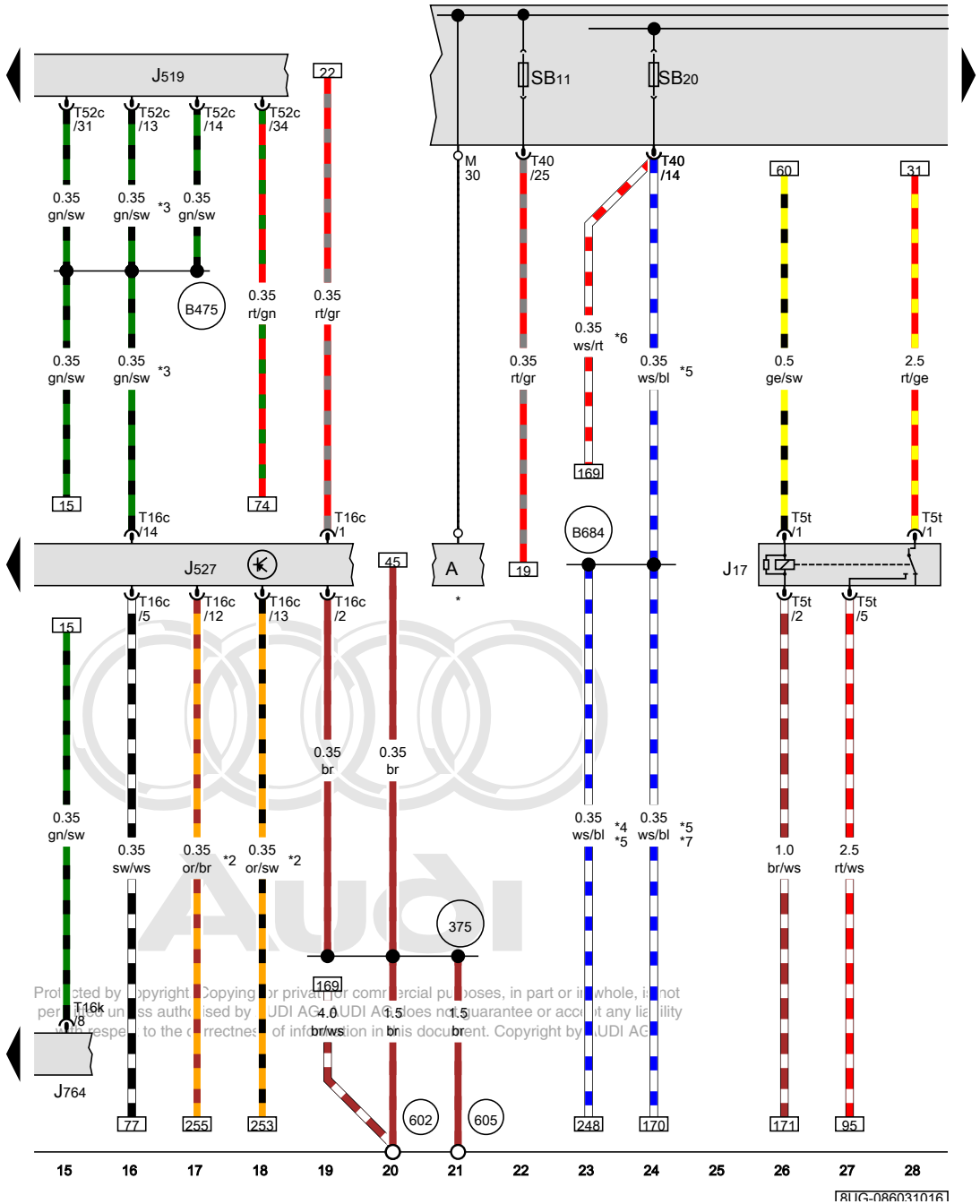


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Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
T16c	16-pin connector
T16k	16-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
*	Only models with cruise control system (CCS)
*2	Only models with entry and start authorisation
*3	Only models with no entry and start authorisation

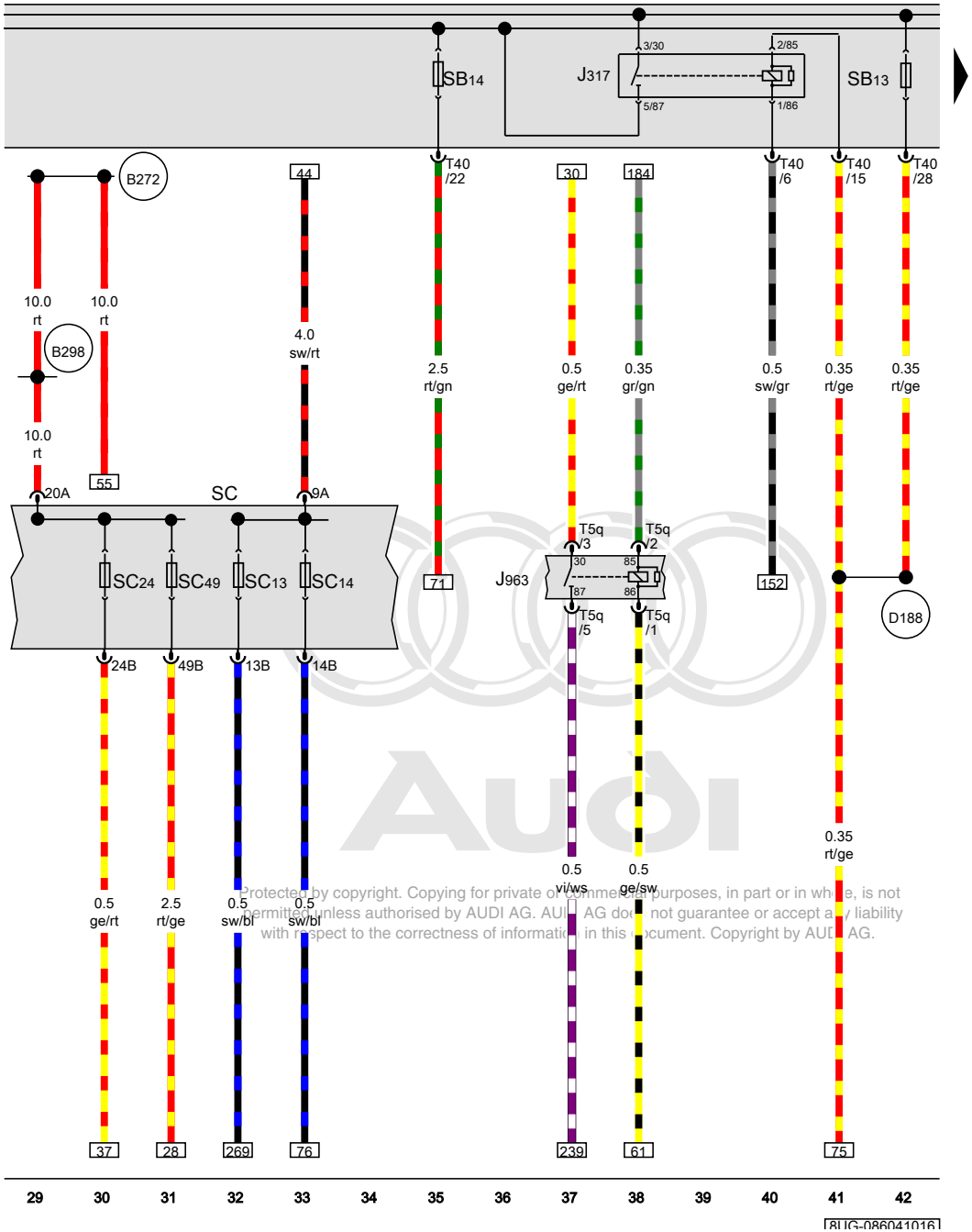


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Onboard supply control unit, Steering column electronics control unit

A	Battery
J17	Fuel pump relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
SB11	Fuse 11 on fuse holder B
SB20	Fuse 20 on fuse holder B
T5t	5-pin connector, black
T16c	16-pin connector
T16k	16-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Only left-hand drive models
*3	Only models with no entry and start authorisation
*4	Only models with manual gearbox
*5	Wiring colour depends on equipment
*6	From May 2015
*7	Up to April 2015

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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rs	=	pink

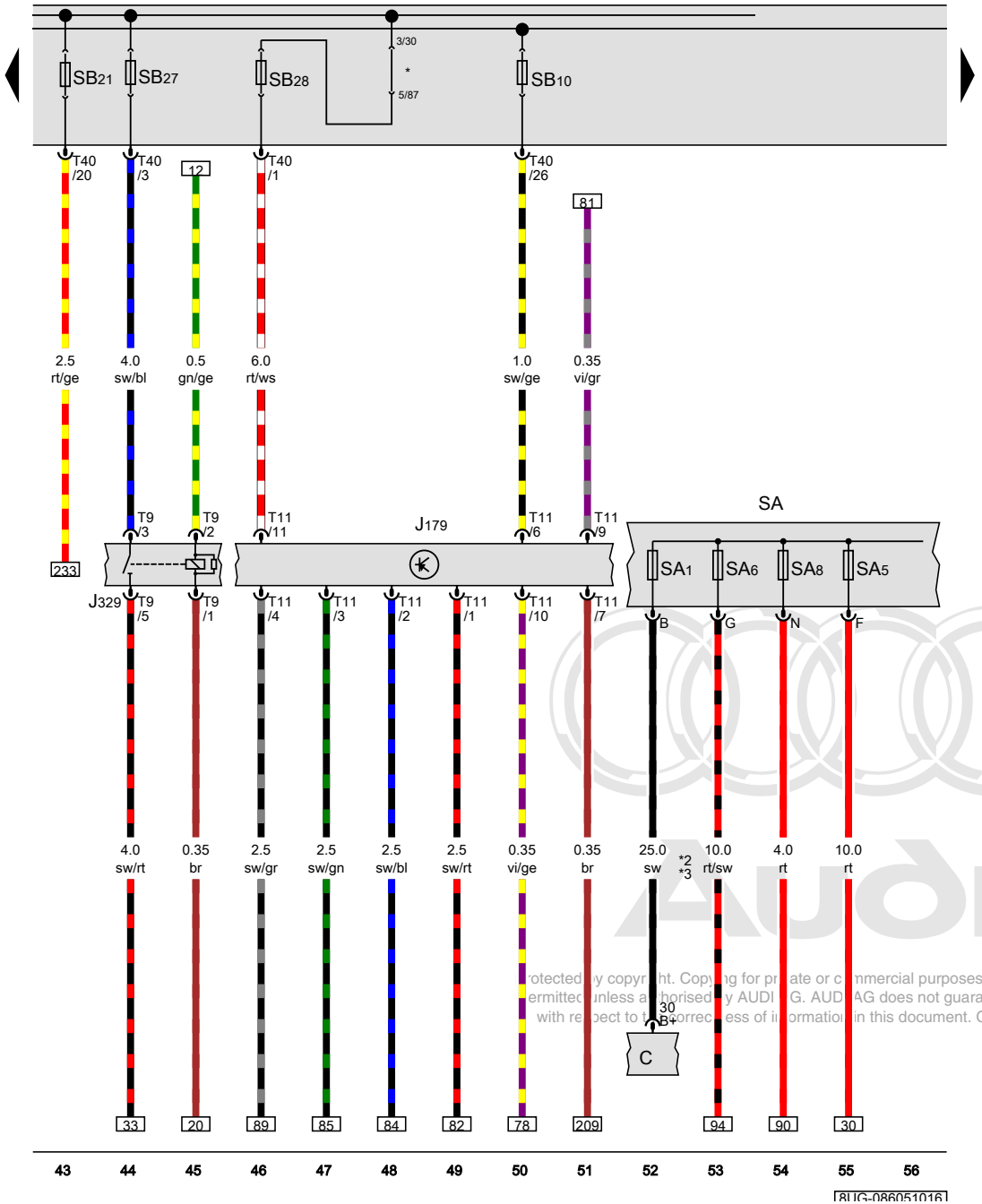


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Terminal 30 voltage supply relay, Relay for reducing agent metering system, Fuse holder C

J317	Terminal 30 voltage supply relay
J963	Relay for reducing agent metering system
SB13	Fuse 13 on fuse holder B
SC13	Fuse 13 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC14	Fuse 14 on fuse holder C
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC49	Fuse 49 on fuse holder C
T5q	5-pin connector, black
T40	40-pin connector, black
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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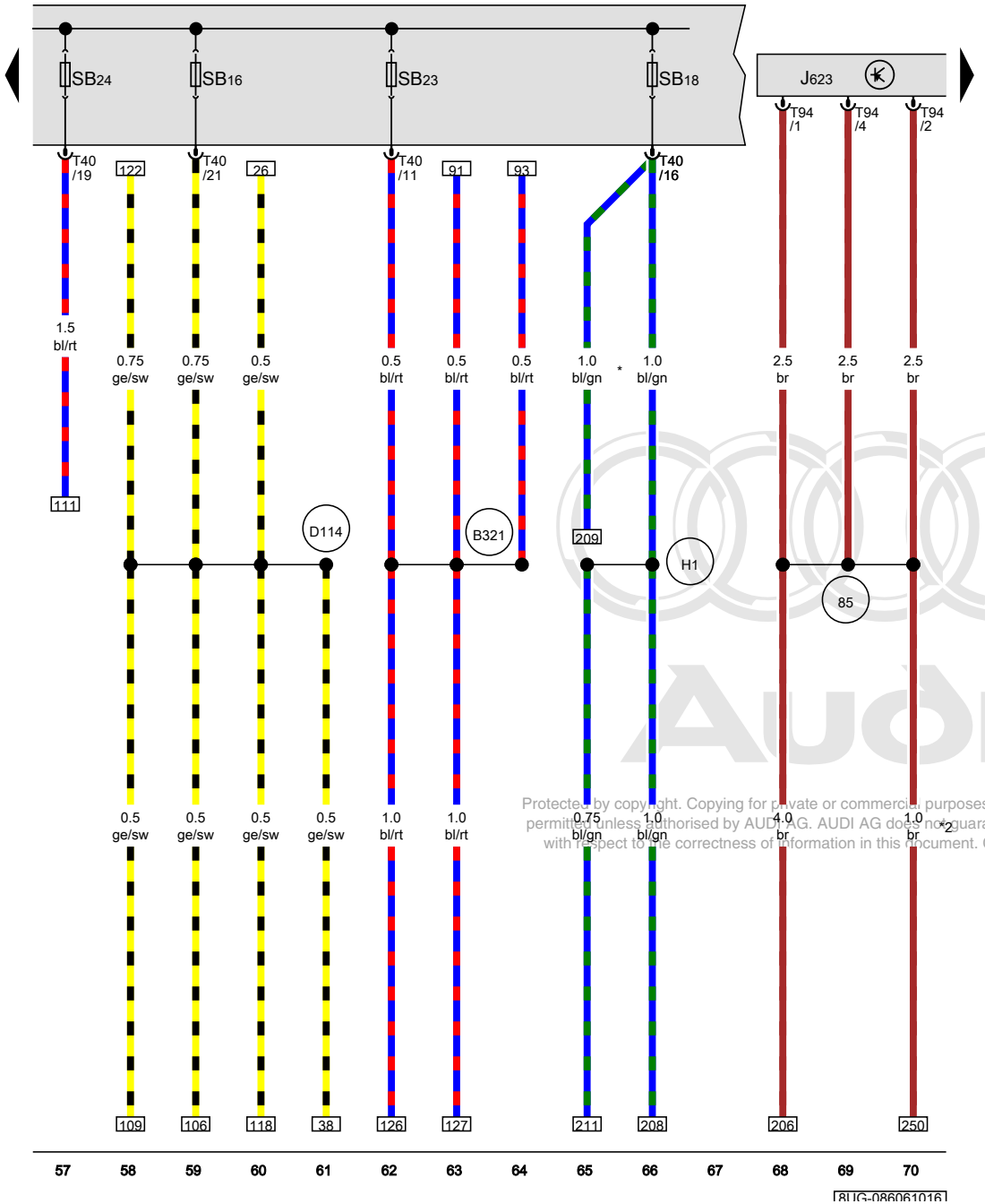


Automatic glow period control unit

C	Alternator
J179	Automatic glow period control unit
J329	Terminal 15 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA8	Fuse 8 on fuse holder A
SB10	Fuse 10 on fuse holder B
SB21	Fuse 21 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T9	9-pin connector, black
T11	11-pin connector
T40	40-pin connector, black
*	Contact bridge, only models with diesel engine
*2	Cross section depends on equipment
*3	see applicable current flow diagram for battery in engine compartment

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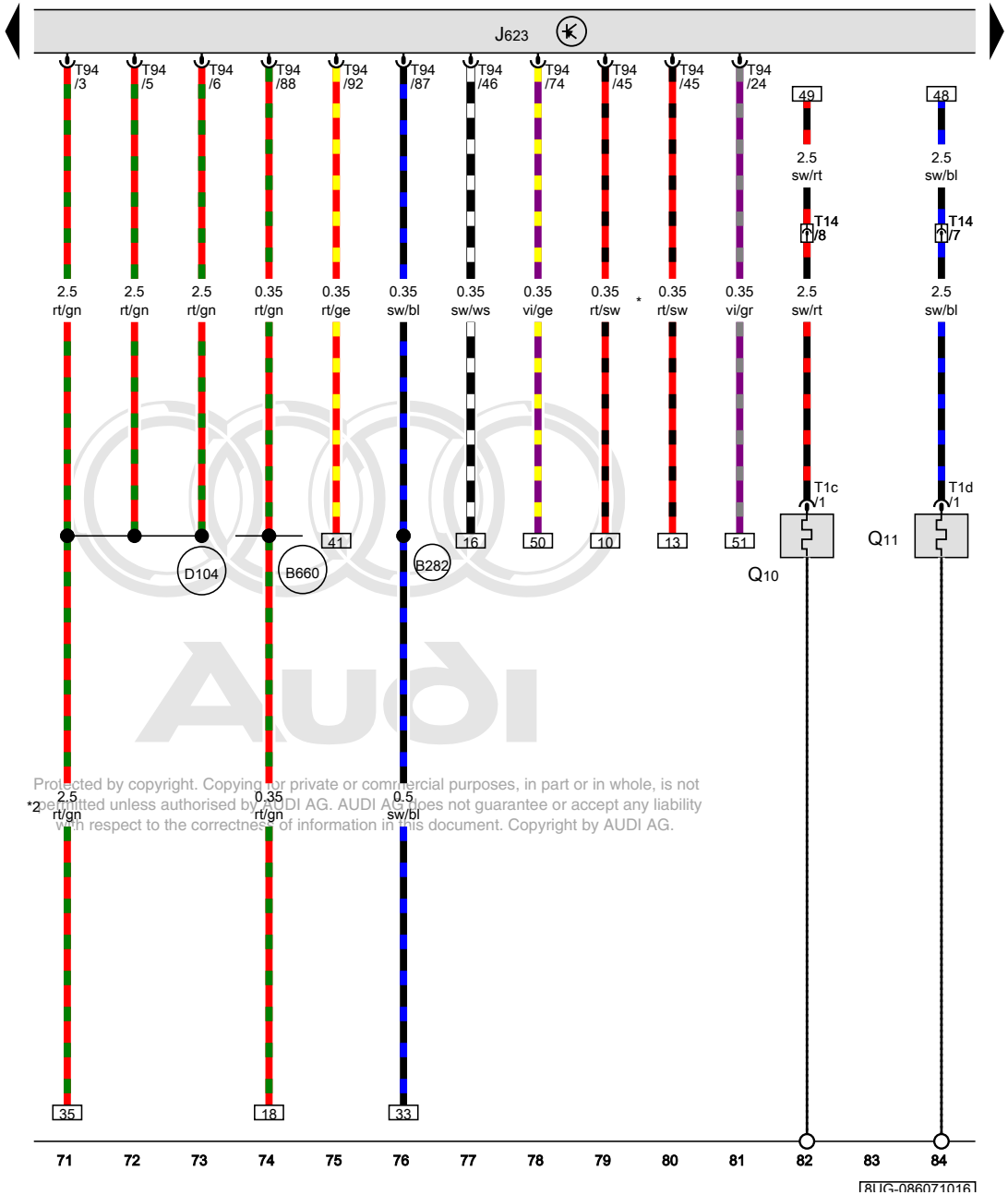


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Engine control unit, Fuse 18 on fuse holder B

J623	Engine control unit
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D114	Connection 12 in engine compartment wiring harness
H1	Positive connection, in Lambda wiring harness
*	According to equipment
*2	Only models with start/stop system

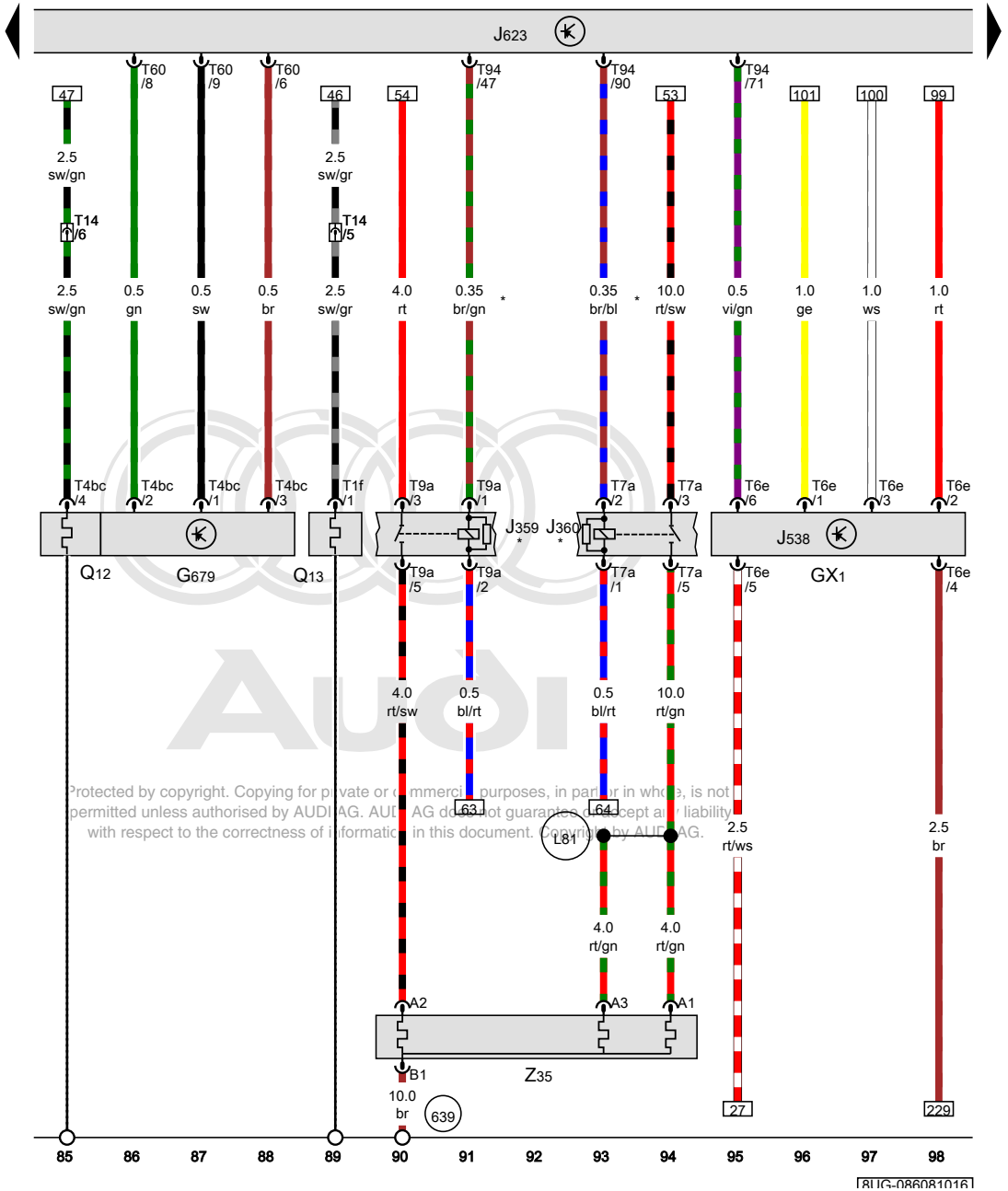


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Engine control unit, Glow plug 1, Glow plug 2

J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
T1c	1-pin connector, black
T1d	1-pin connector, black
T14	14-pin connector
T94	94-pin connector, black
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with no entry and start authorisation

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sw	=	black
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rt	=	red
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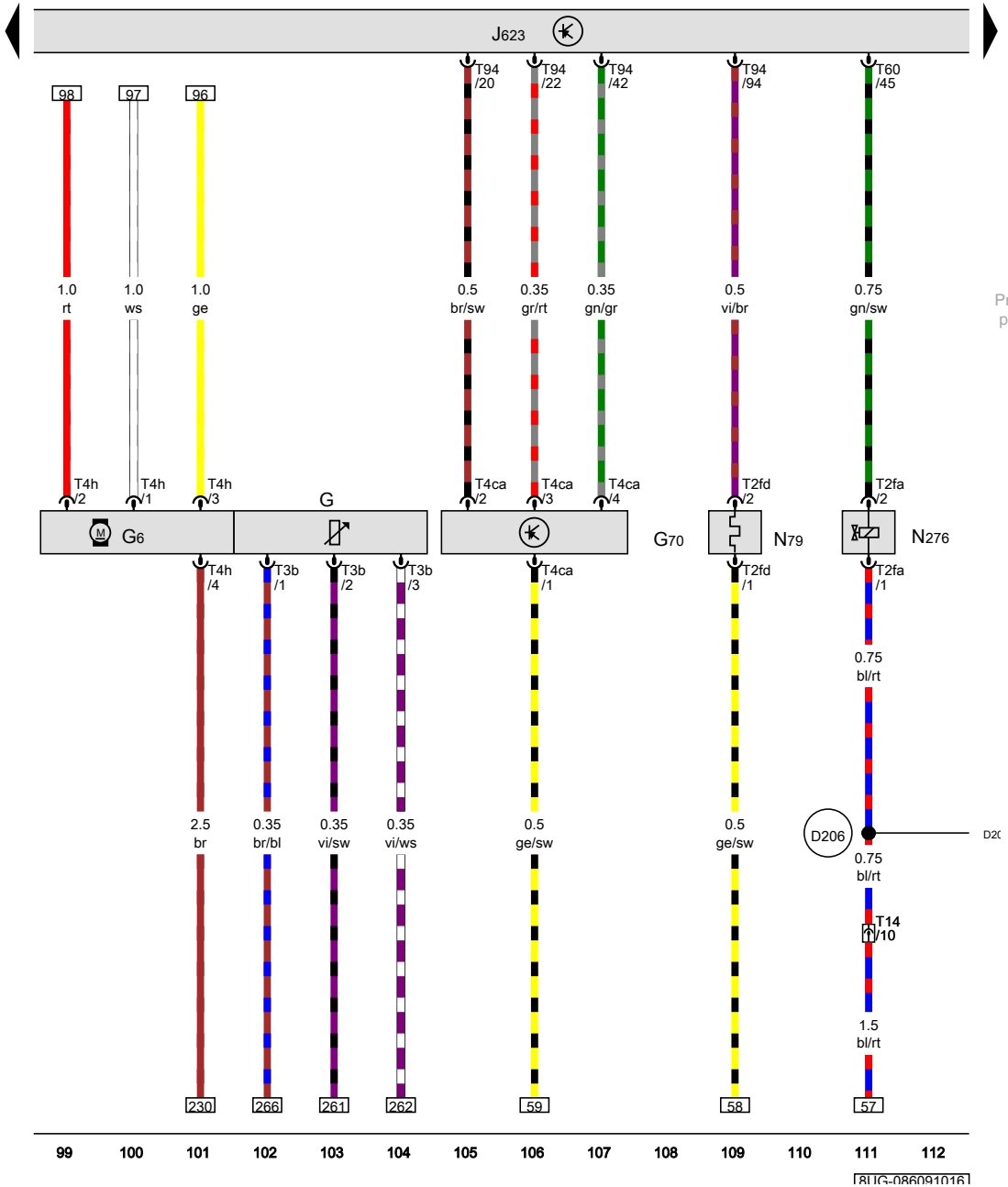


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Fuel delivery unit, Low heat output relay, High heat output relay, Fuel pump control unit, Engine control unit, Glow plug 3, Glow plug 4

GX1	Fuel delivery unit
G679	Cylinder 3 combustion chamber pressure sender
J359	Low heat output relay
J360	High heat output relay
J538	Fuel pump control unit
J623	Engine control unit
Q12	Glow plug 3
Q13	Glow plug 4
T1f	1-pin connector, black
T4bc	4-pin connector
T6e	6-pin connector, black
T7a	7-pin connector, black
T9a	9-pin connector, black
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
Z35	Auxiliary air heater element
639	Earth point, left A-pillar
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
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vi	=	purple
ge	=	yellow
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rs	=	pink

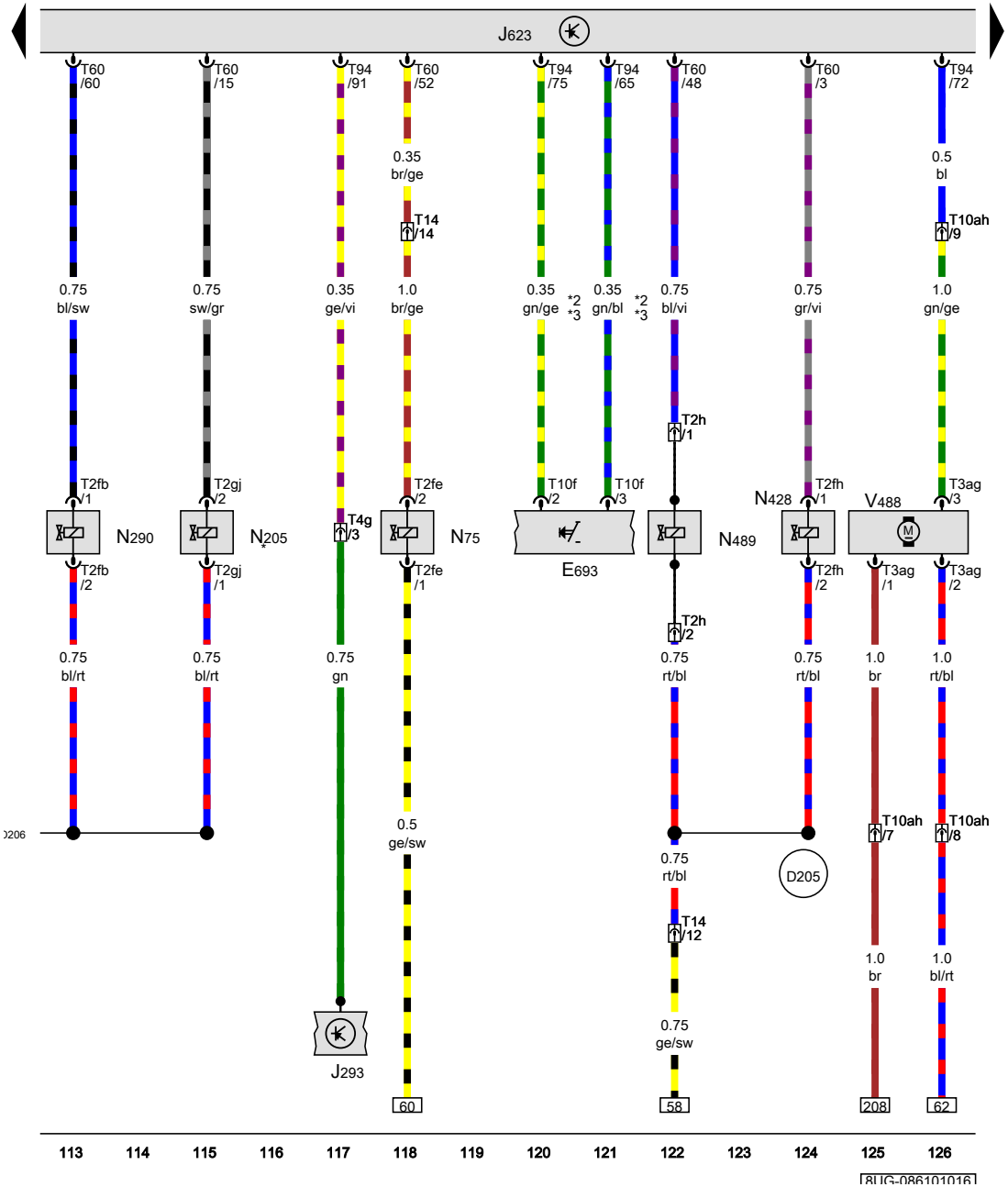


Fuel gauge sender, Fuel system pressurisation pump, Air mass meter, Engine control unit, Heater element for crankcase breather, Fuel pressure regulating valve

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G70	Air mass meter
J623	Engine control unit
N79	Heater element for crankcase breather
N276	Fuel pressure regulating valve
T2fa	2-pin connector
T2fd	2-pin connector
T3b	3-pin connector, black
T4ca	4-pin connector, black
T4h	4-pin connector, black
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
D206	Connection 4 (87a) in engine prewiring harness

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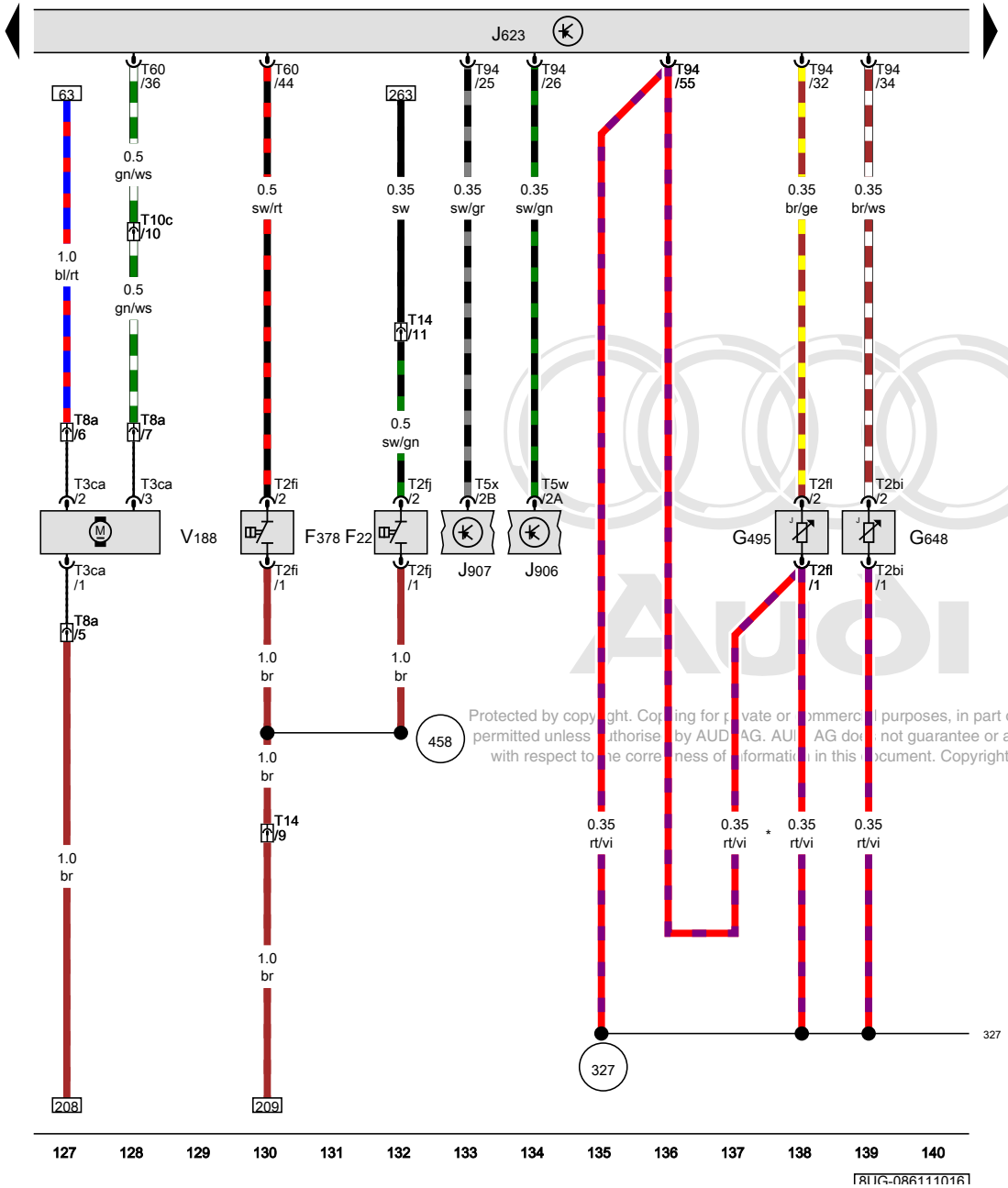


Engine control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head, Auxiliary pump for heating

E693	Start/Stop operation button
J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2fb	2-pin connector, black
T2fe	2-pin connector, black
T2fh	2-pin connector, black
T2gj	2-pin connector, black
T2h	2-pin connector
T3ag	3-pin connector
T4g	4-pin connector
T10ah	10-pin connector
T10f	10-pin connector, red
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector, black
T94	94-pin connector, black
V488	Auxiliary pump for heating
D205	Connection 3 (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	According to equipment
*2	Only models with start/stop system
*3	see applicable current flow diagram for battery in engine compartment

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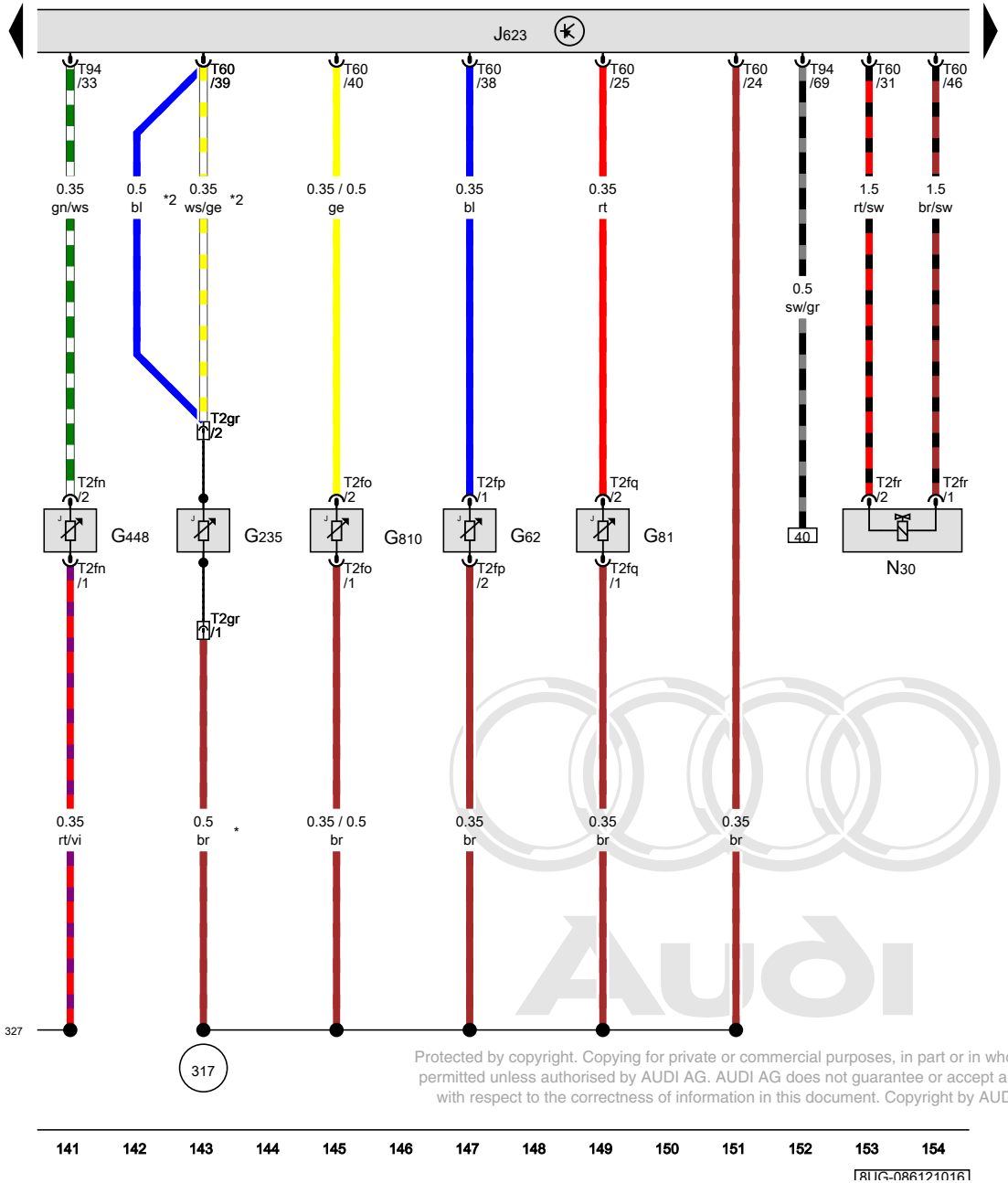


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit, Charge air cooling pump

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G495	Exhaust gas temperature sender 3
G648	Exhaust gas temperature sender 4
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T2bi	2-pin connector, light brown
T2fi	2-pin connector, black
T2fj	2-pin connector
T2fl	2-pin connector, brown
T3ca	3-pin connector
T5w	5-pin connector, green
T5x	5-pin connector, green
T8a	8-pin connector
T10c	10-pin connector, black
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
V188	Charge air cooling pump
327	Earth connection (sender earth), in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
*	According to equipment

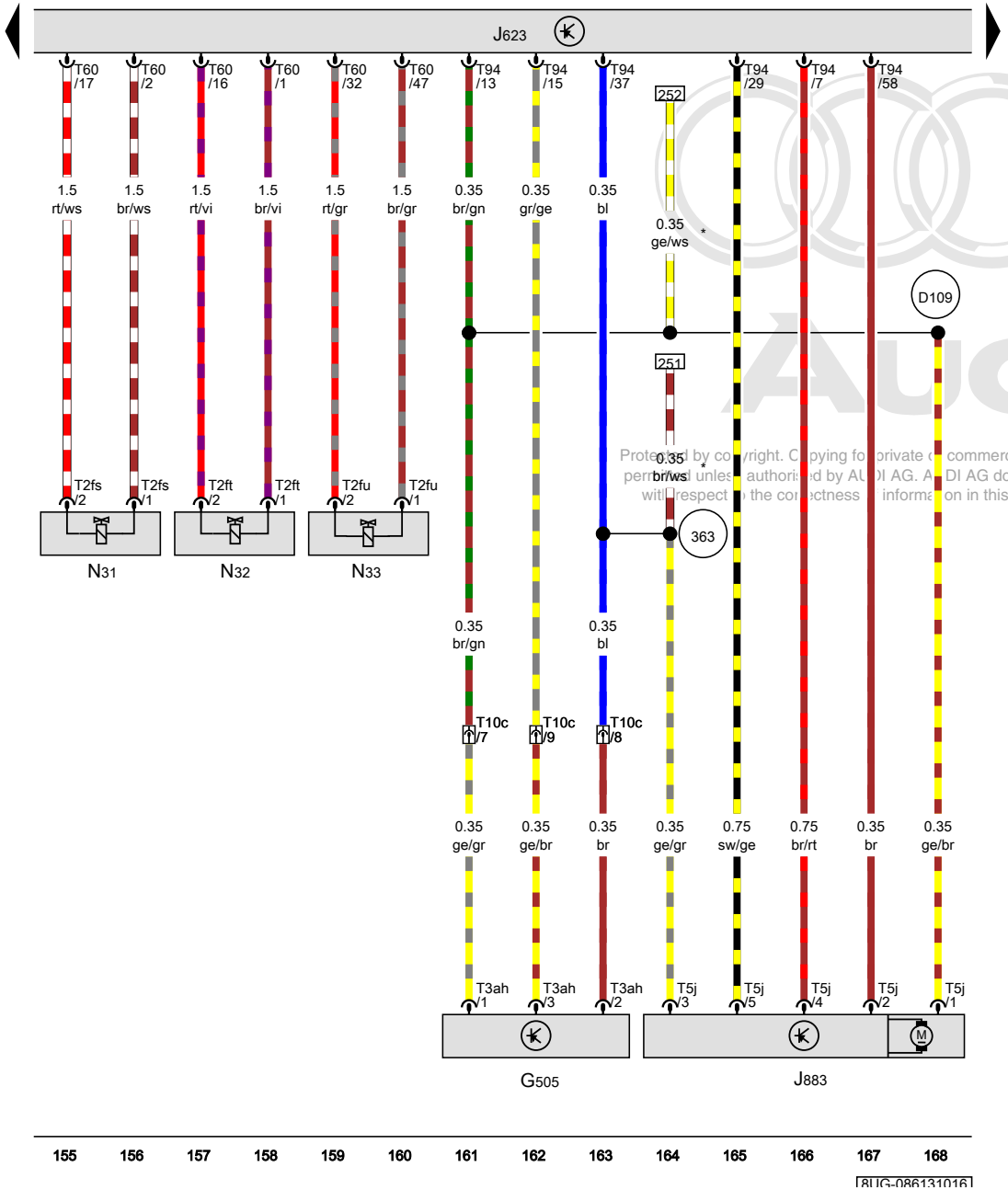


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Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Charge air temperature sender before charge air cooler, Engine control unit, Injector, cylinder 1

G62	Coolant temperature sender
G81	Fuel temperature sender
G235	Exhaust gas temperature sender 1
G448	Exhaust gas temperature sender 2
G810	Charge air temperature sender before charge air cooler
J623	Engine control unit
N30	Injector, cylinder 1
T2fn	2-pin connector, black
T2fo	2-pin connector, black
T2fp	2-pin connector, black
T2fq	2-pin connector, black
T2fr	2-pin connector, black
T2gr	2-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
*	Cross section depends on equipment
*2	Wiring colour depends on equipment

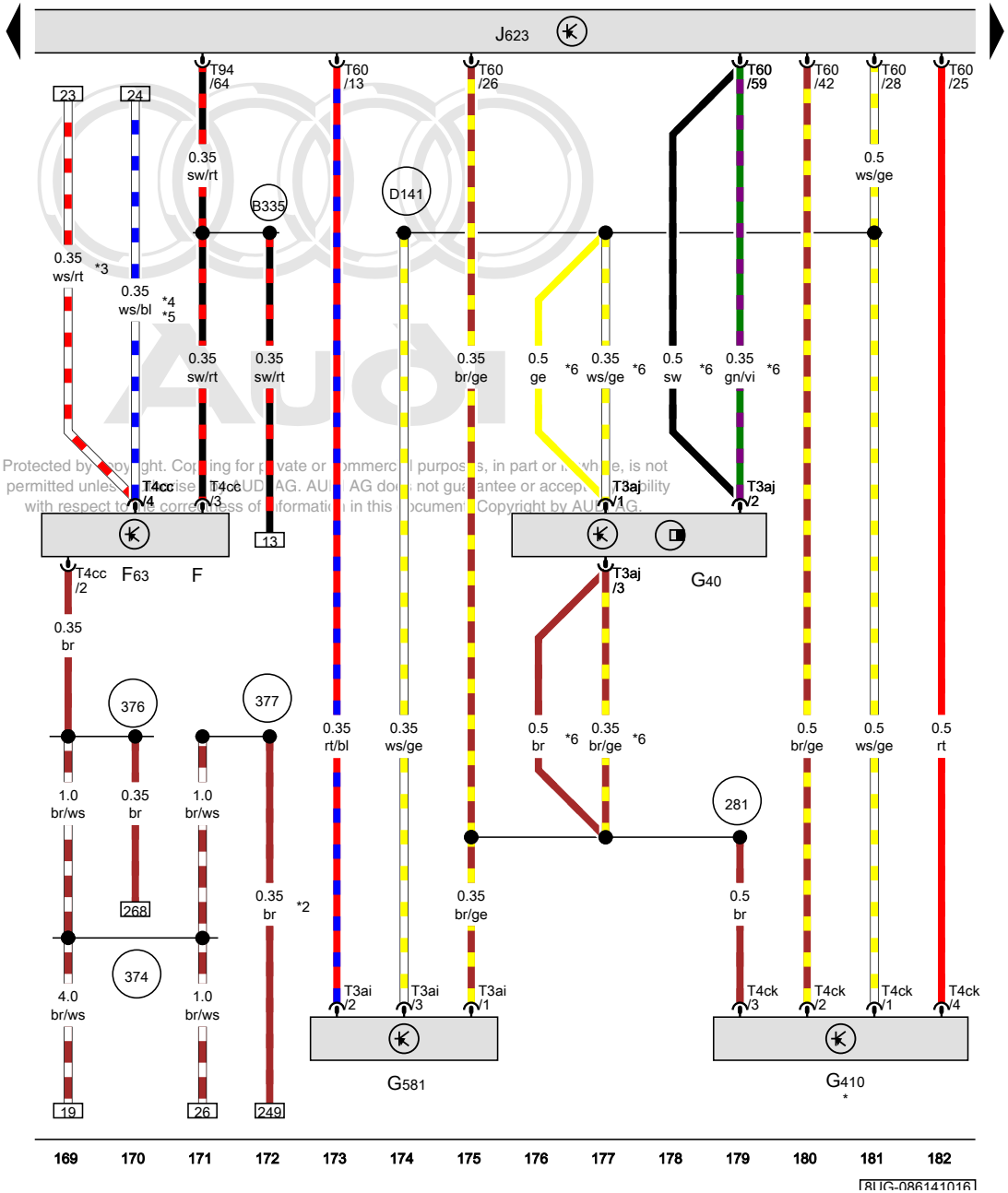


Pressure differential sender, Engine control unit, Exhaust flap control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G505	Pressure differential sender
J623	Engine control unit
J883	Exhaust flap control unit
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T3ah	3-pin connector, black
T5j	5-pin connector, black
T10c	10-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
363	Earth connection 8, in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Only models with manual gearbox

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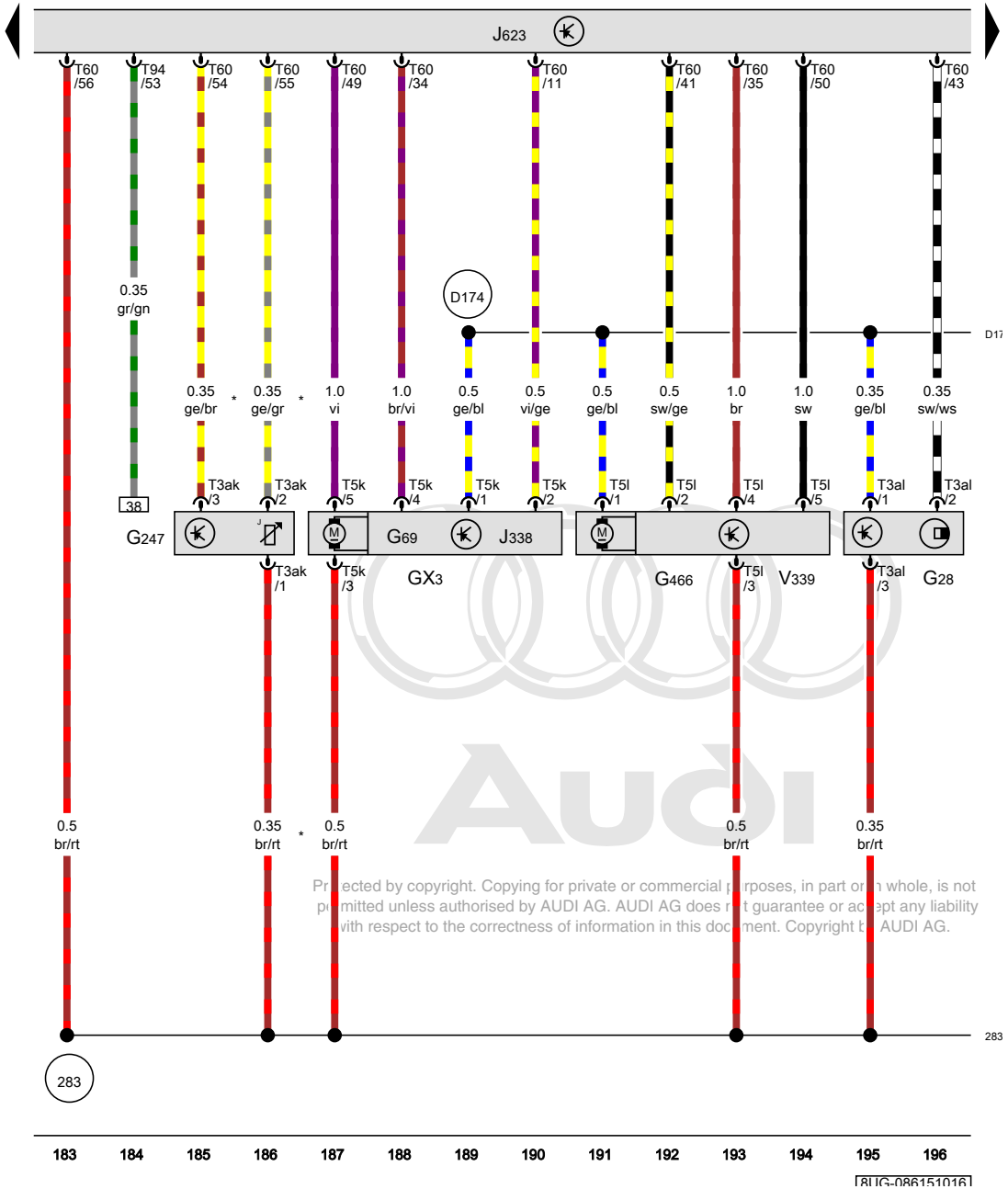


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Brake light switch, Brake pedal switch, Hall sender, Fuel pressure sender for low pressure, Position sender for charge pressure positioner, Engine control unit

F	Brake light switch
F63	Brake pedal switch
G40	Hall sender
G410	Fuel pressure sender for low pressure
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3ai	3-pin connector, black
T3aj	3-pin connector, black
T4cc	4-pin connector, black
T4ck	4-pin connector, Low pressure
T60	60-pin connector, black
T94	94-pin connector, black
281	Earth point 1, engine prewiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
B335	Connection 1 (54), in main wiring harness
D141	Connection (5V) in engine prewiring harness
*	If fitted
*2	Only models with no start/stop system
*3	From May 2015
*4	Wiring colour depends on equipment
*5	Up to April 2015
*6	According to equipment

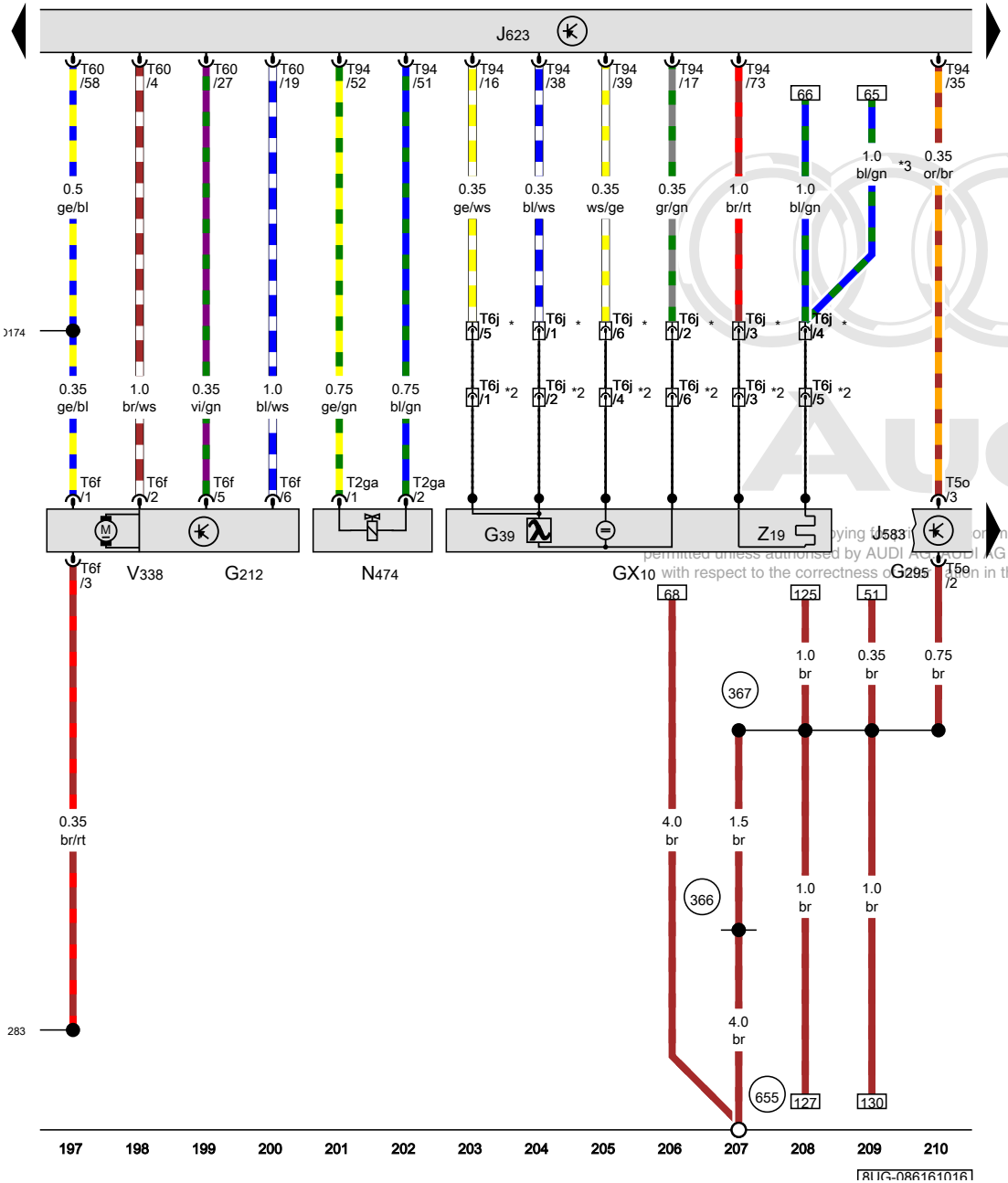


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Throttle valve module, Engine speed sender, Throttle valve potentiometer, Fuel pressure sender, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor 2

GX3	Throttle valve module
G28	Engine speed sender
G69	Throttle valve potentiometer
G247	Fuel pressure sender
G466	Exhaust gas recirculation potentiometer 2
J338	Throttle valve module
J623	Engine control unit
T3ak	3-pin connector
T3al	3-pin connector, dark brown
T5k	5-pin connector
T5l	5-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
V339	Exhaust gas recirculation control motor 2
283	Earth point 2, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Cross section depends on equipment

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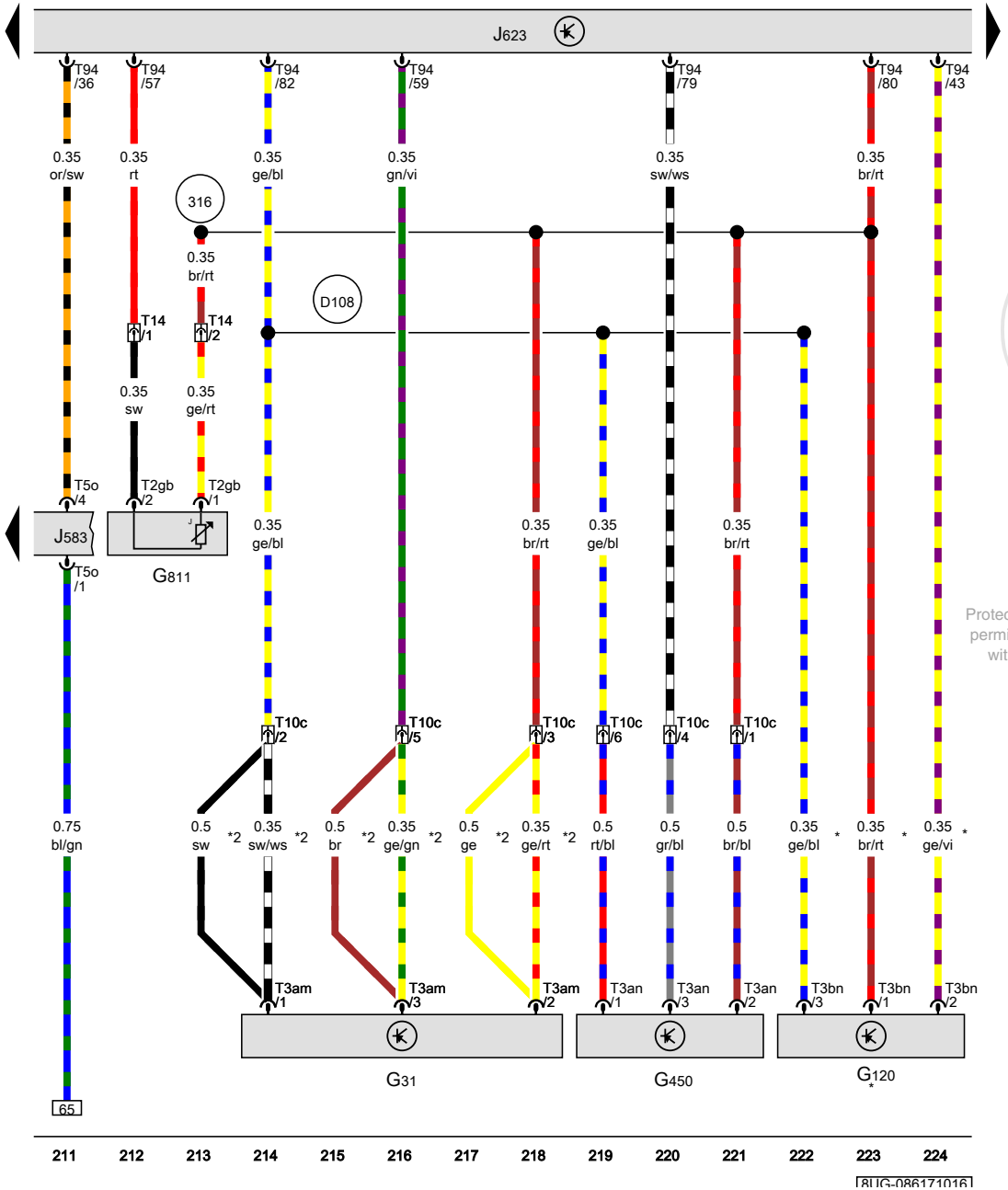


Lambda probe 1 before catalytic converter, Lambda probe, Control unit for NOx sender, Engine control unit, Injector for reducing agent, Exhaust gas recirculation control motor, Lambda probe heater

GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G212	Exhaust gas recirculation potentiometer
G295	NOx sender
J583	Control unit for NOx sender
J623	Engine control unit
N474	Injector for reducing agent
T2ga	2-pin connector, brown
T5o	5-pin connector, black
T6f	6-pin connector, black
T6j	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V338	Exhaust gas recirculation control motor
Z19	Lambda probe heater
283	Earth point 2, engine prewiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D174	Connection 2 (5V) in engine prewiring harness
*	Not for models with Euro 6 emission standard
*2	Only models with Euro 6 emission standard
*3	According to equipment

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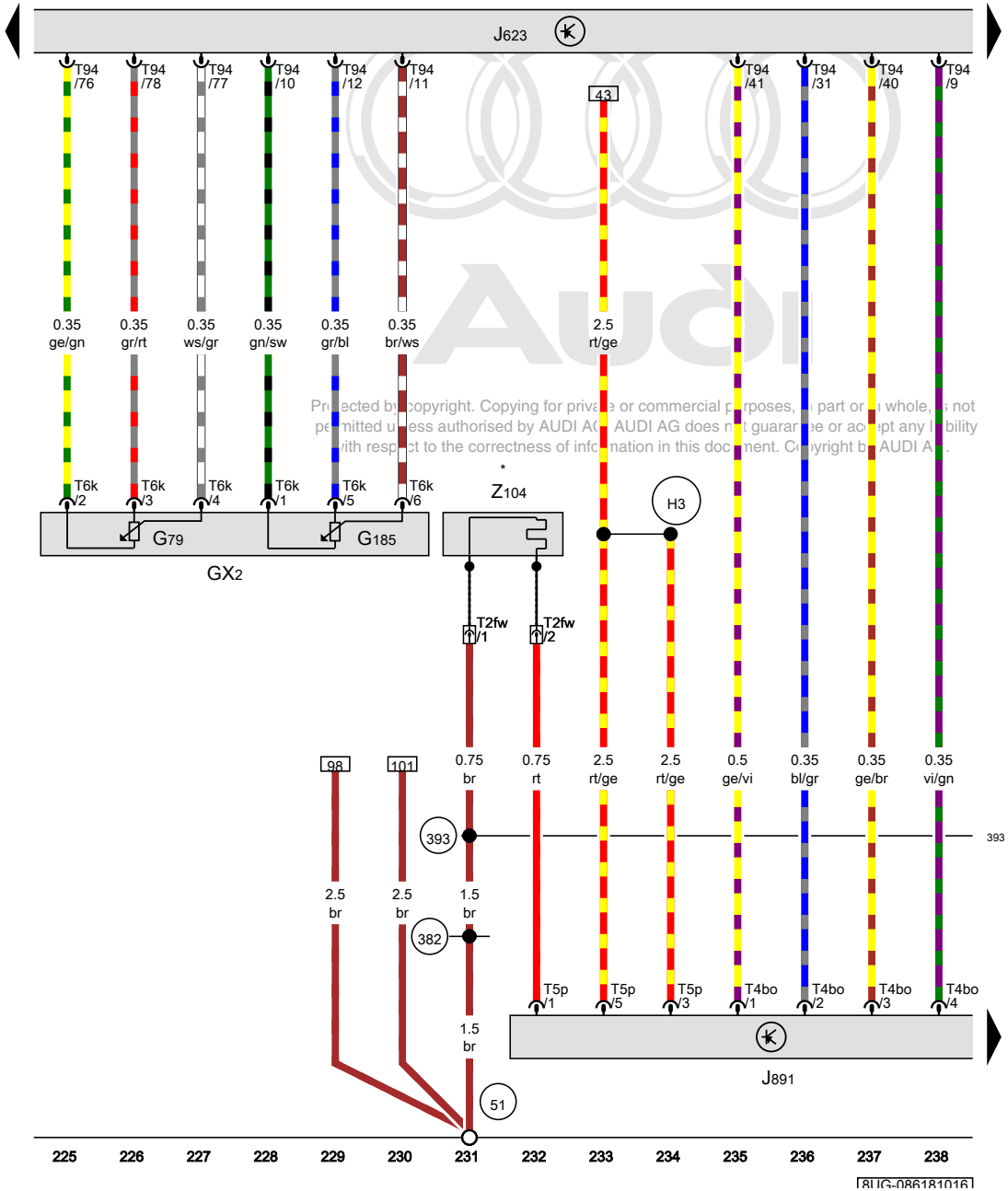


Charge pressure sender, Water level sender, Exhaust gas pressure sensor 1, Charge air temperature sender after charge air cooler, Control unit for NOx sender, Engine control unit

G31	Charge pressure sender
G120	Water level sender
G450	Exhaust gas pressure sensor 1
G811	Charge air temperature sender after charge air cooler
J583	Control unit for NOx sender
J623	Engine control unit
T2gb	2-pin connector
T3am	3-pin connector, black
T3an	3-pin connector
T3bn	3-pin connector, black, brown
T5o	5-pin connector, black
T10c	10-pin connector, black
T14	14-pin connector
T94	94-pin connector, black
316	Earth connection (sender earth 2) in engine wiring harness
D108	Connection 6 in engine compartment wiring harness
*	If fitted
*2	According to equipment

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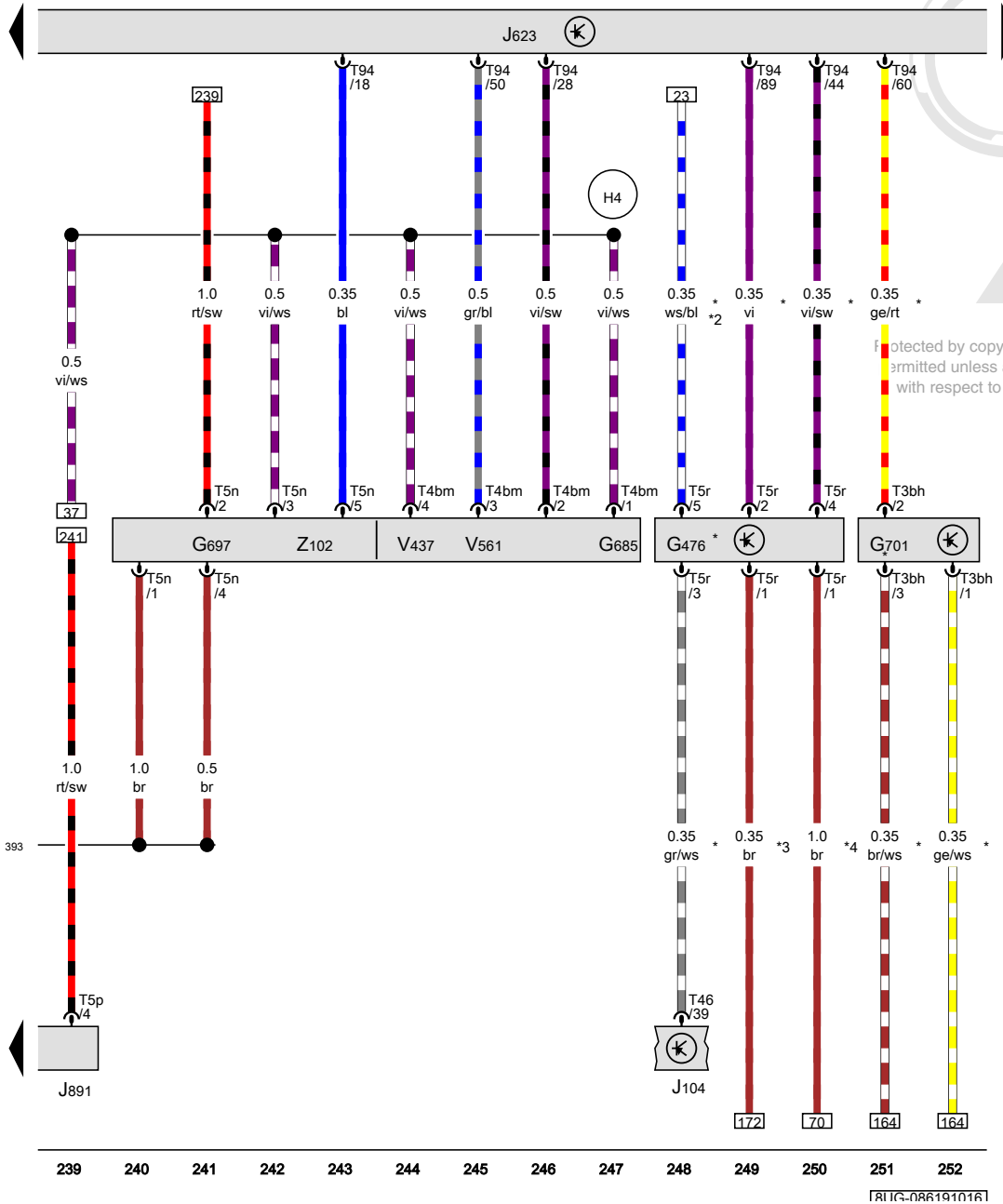


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Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine control unit, Heater for reducing agent line (heater circuit 2)

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
J891	Control unit for reducing agent heater
T2fw	2-pin connector
T4bo	4-pin connector, black
T5p	5-pin connector, black
T6k	6-pin connector, black
T94	94-pin connector, black
Z104	Heater for reducing agent line (heater circuit 2)
51	Earth point, on right in luggage compartment
382	Earth connection 17, in main wiring harness
393	Earth connection 28, in main wiring harness
H3	Connection 1 in wiring harness for reducing agent tank
*	Heater for reducing agent line can comprise multiple sections

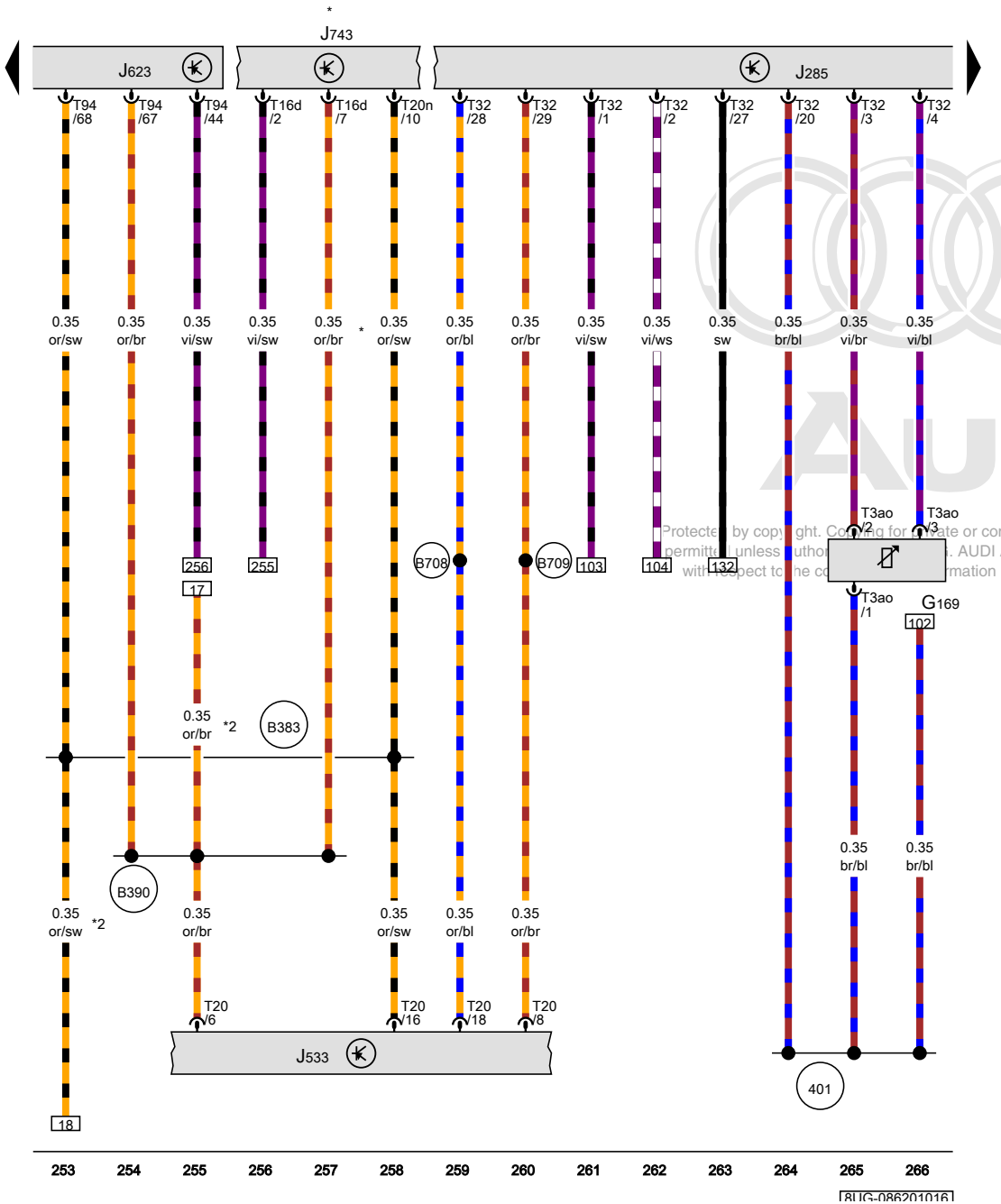


Reducing agent level sender, Engine control unit, Pump for reducing agent, Reducing agent return flow pump, Heater for reducing agent tank (heater circuit 1)

G476	Clutch position sender
G685	Temperature sender for reducing agent
G697	Reducing agent level sender
G701	Gearbox neutral position sender
J104	ABS control unit
J623	Engine control unit
J891	Control unit for reducing agent heater
T3bh	3-pin connector, black, brown
T4bm	4-pin connector, black
T5n	5-pin connector, black
T5p	5-pin connector, black
T5r	5-pin connector, black
T46	46-pin connector, black
T94	94-pin connector, black
V437	Pump for reducing agent
V561	Reducing agent return flow pump
Z102	Heater for reducing agent tank (heater circuit 1)
393	Earth connection 28, in main wiring harness
H4	Connection 2 in wiring harness for reducing agent tank
*	Only models with manual gearbox
*2	Wiring colour depends on equipment
*3	Only models with no start/stop system
*4	Only models with start/stop system

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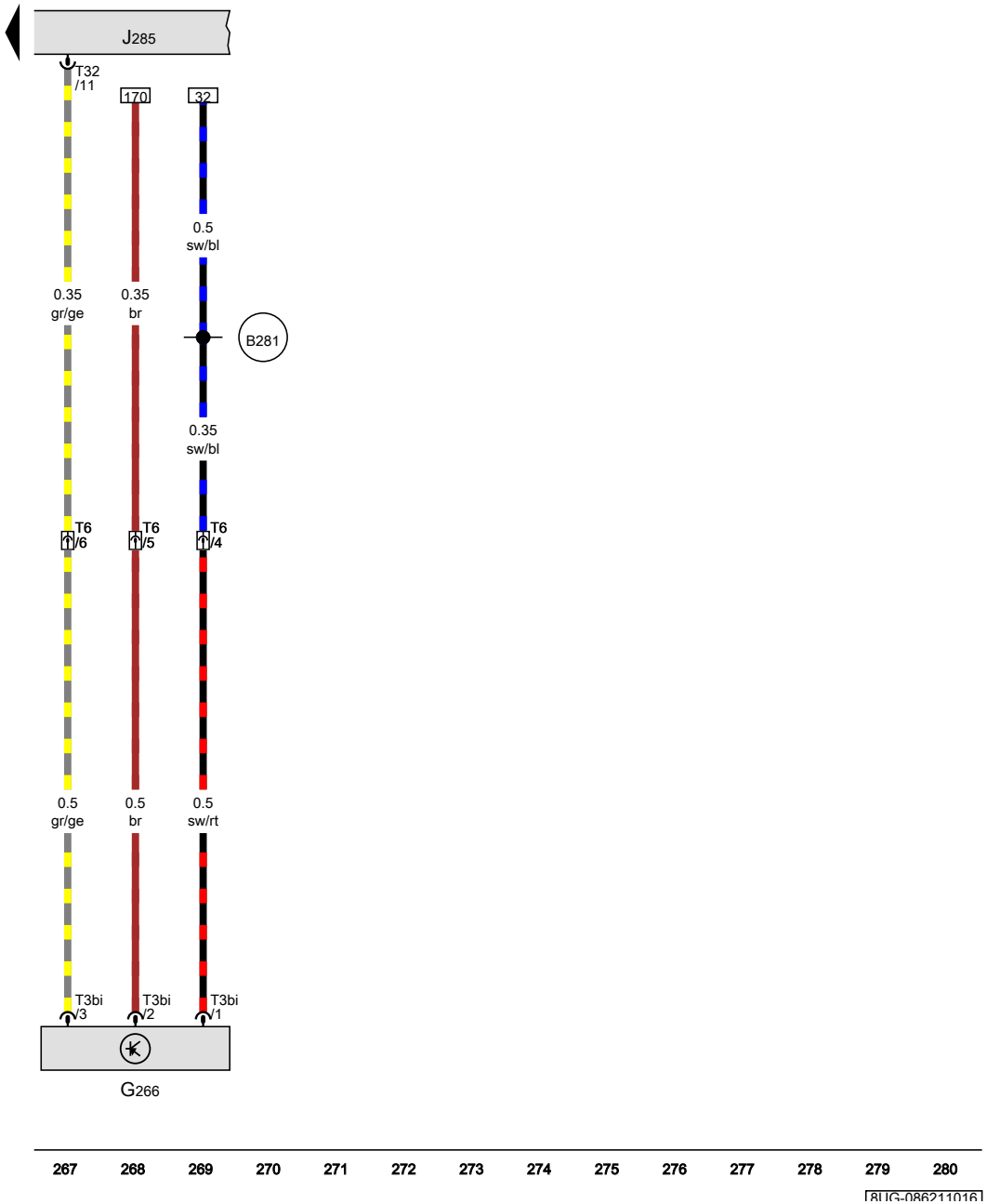


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Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T3ao	3-pin connector, black
T16d	16-pin connector, black
T20	20-pin connector, red
T20n	20-pin connector, black
T32	32-pin connector, blue
T94	94-pin connector, black
401	Earth connection (sender earth), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Only models with dual clutch gearbox
*2	Only left-hand drive models

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Control unit in dash panel insert

G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
T3bi	3-pin connector, black
T6	6-pin connector, black
T32	32-pin connector, blue
B281	Positive connection 5 (15a) in main wiring harness

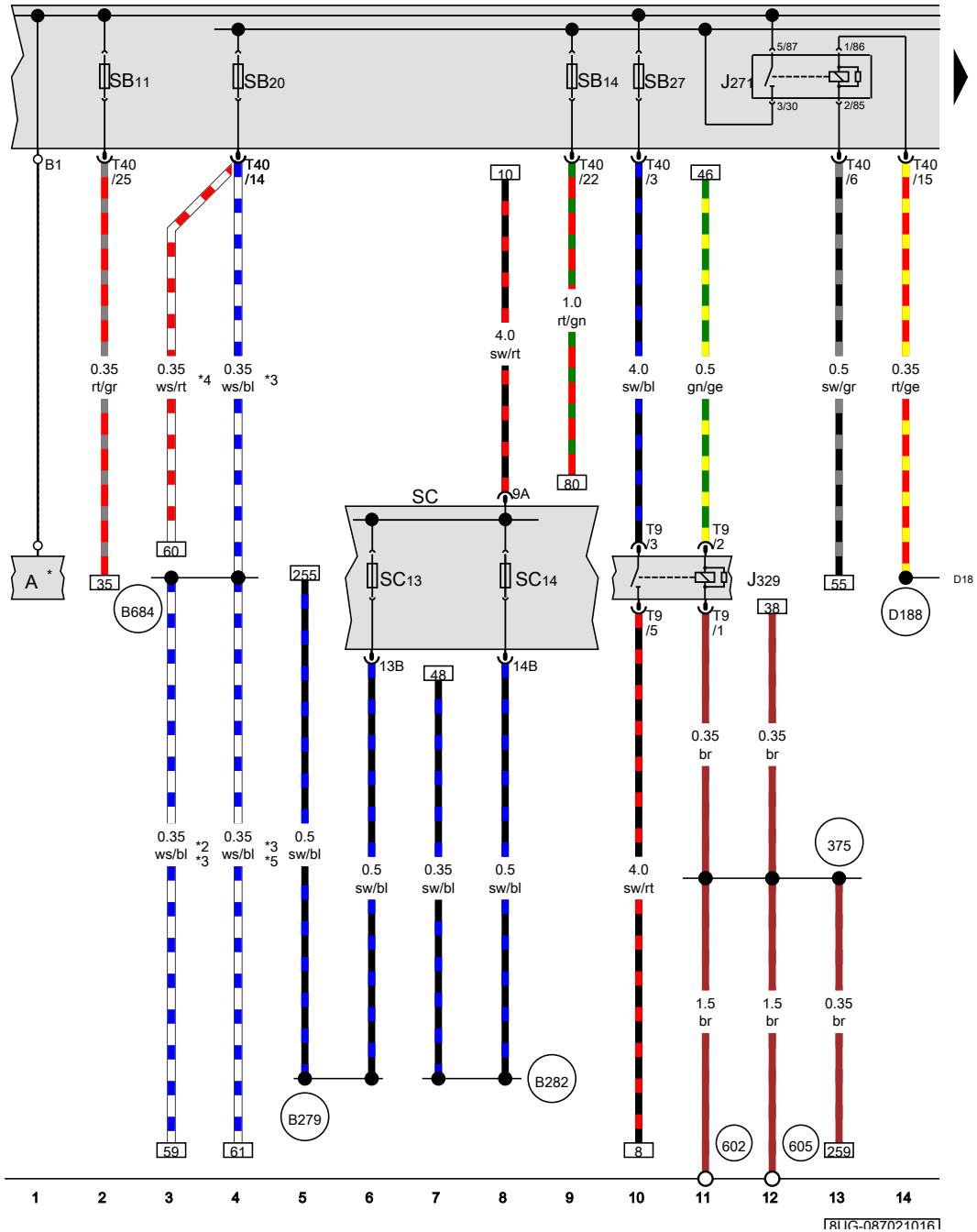
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2.0l petrol engine , CULB,CULC

From November 2014

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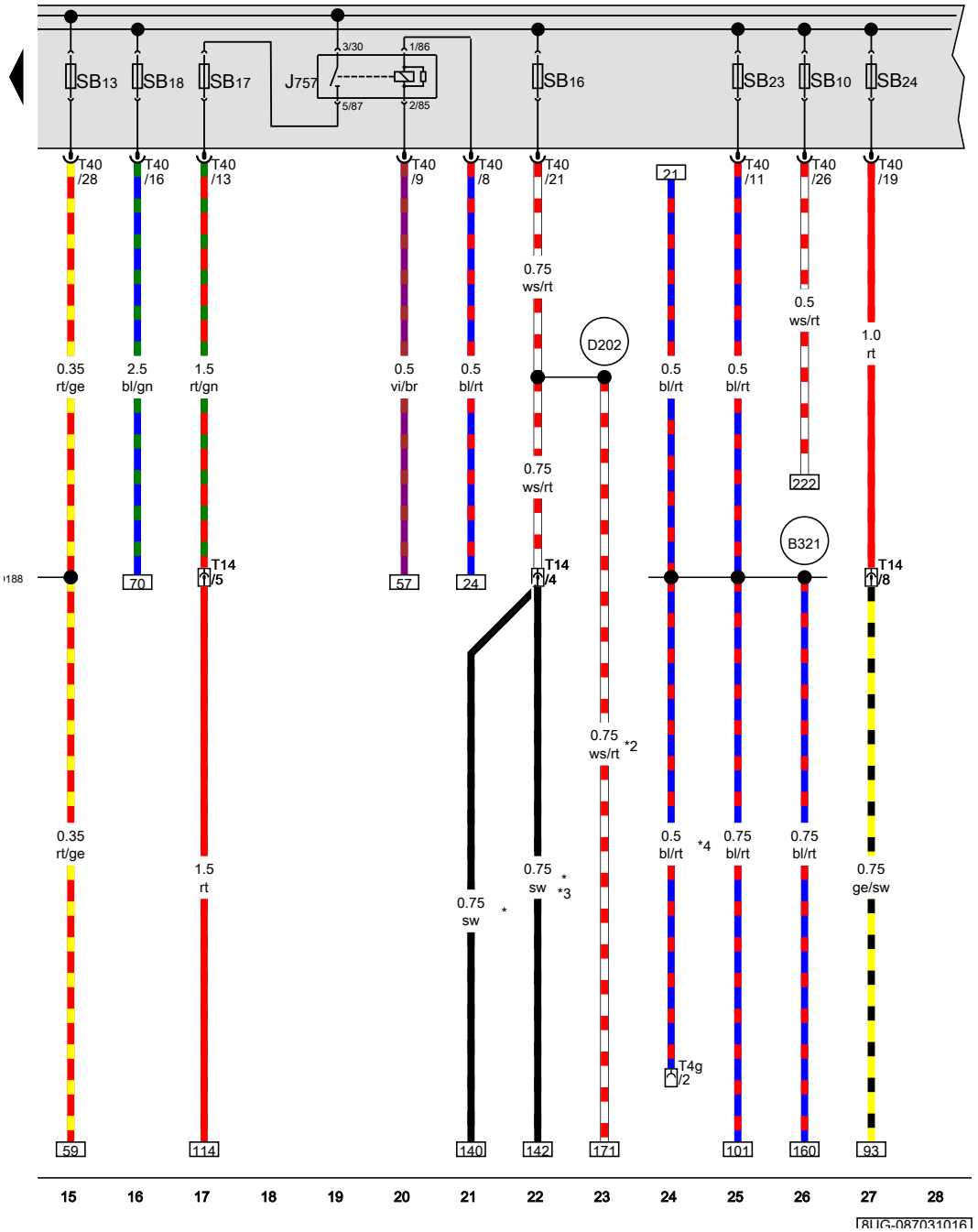


Main relay, Terminal 15 voltage supply relay, Fuse holder C

A	Battery
J271	Main relay
J329	Terminal 15 voltage supply relay
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
T9	9-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Only models with manual gearbox
*3	Wiring colour depends on equipment
*4	From May 2015
*5	Up to April 2015

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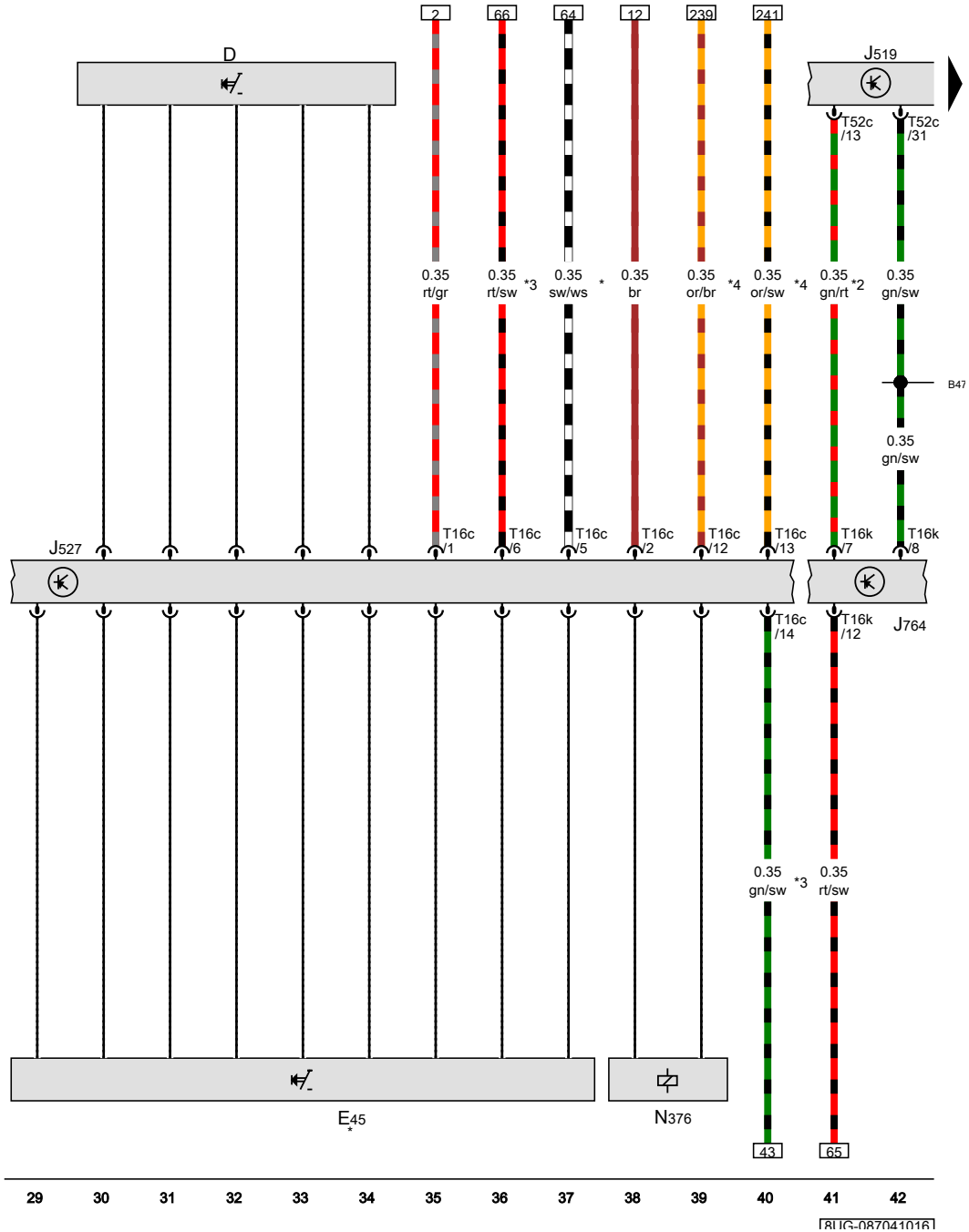


Engine component current supply relay, Fuse 10 on fuse holder B, Fuse 23 on fuse holder B

J757	Engine component current supply relay
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4g	4-pin connector
T14	14-pin connector, black
T40	40-pin connector, black
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
D202	Connection 6 (87a), in engine compartment wiring harness
*	According to equipment
*2	Gradually discontinued
*3	Only models with no US equipment
*4	Radiator fan connection

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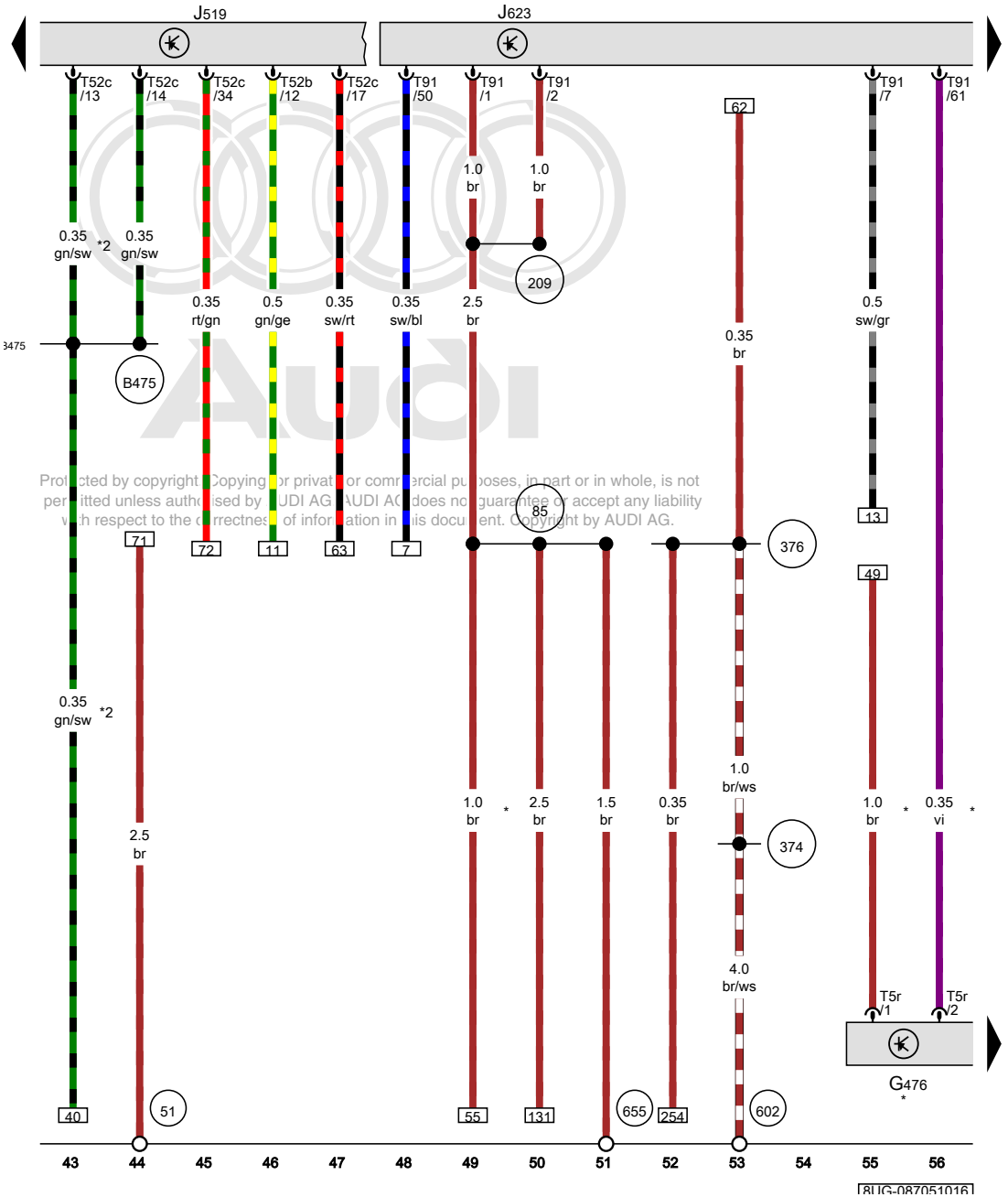


Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
N376	Ignition key withdrawal lock solenoid
T16c	16-pin connector, black
T16k	16-pin connector, black
T52c	52-pin connector, brown
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with entry and start authorisation
*3	Only models with no entry and start authorisation
*4	Only left-hand drive models

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rt	=	red
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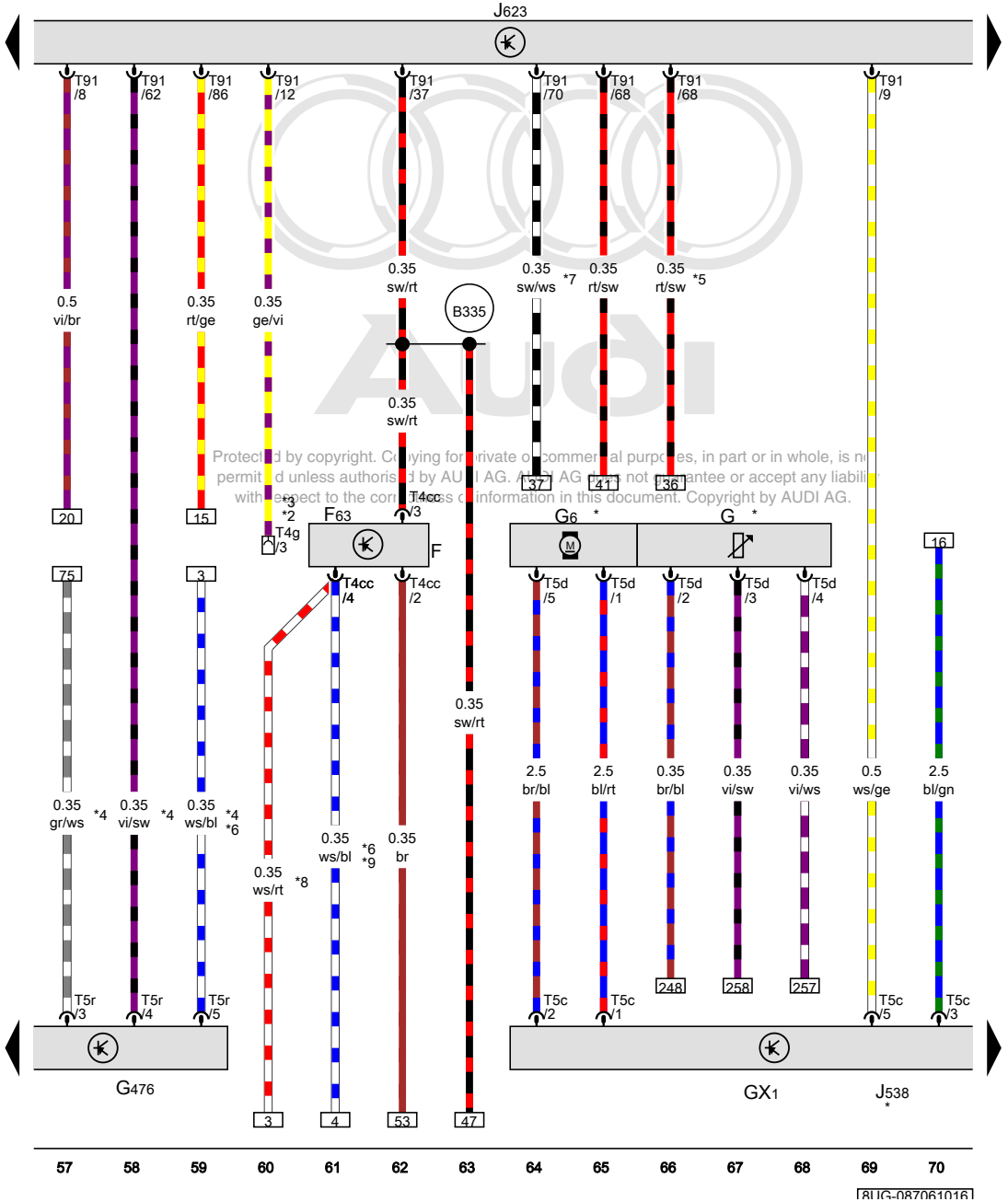


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Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J623	Engine control unit
T5r	5-pin connector
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
T91	91-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
655	Earth point, on left headlight
B475	Connection 11, in main wiring harness
*	Only models with manual gearbox
*2	Only models with no entry and start authorisation

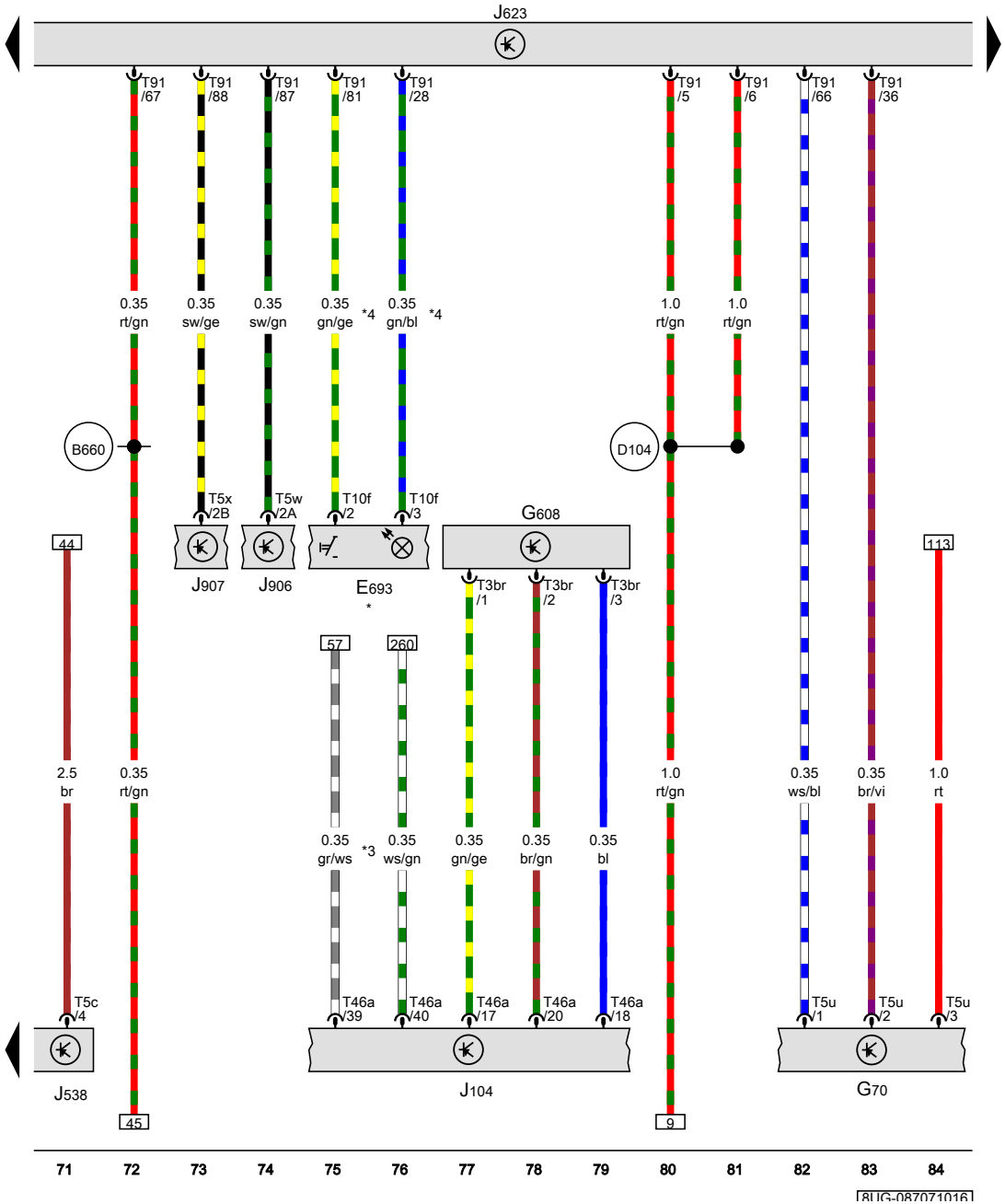


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Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Clutch position sender, Engine control unit

F	Brake light switch
F63	Brake pedal switch
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J623	Engine control unit
T4cc	4-pin connector, black
T4g	4-pin connector
T5c	5-pin connector
T5d	5-pin connector, black
T5r	5-pin connector
T91	91-pin connector, black
B335	Connection 1 (54), in main wiring harness
*	Only models with front-wheel drive
*2	Radiator fan connection
*3	see applicable current flow diagram for radiator fan
*4	Only models with manual gearbox
*5	Only models with no entry and start authorisation
*6	Wiring colour depends on equipment
*7	Only models with cruise control system (CCS)
*8	From May 2015
*9	Up to April 2015

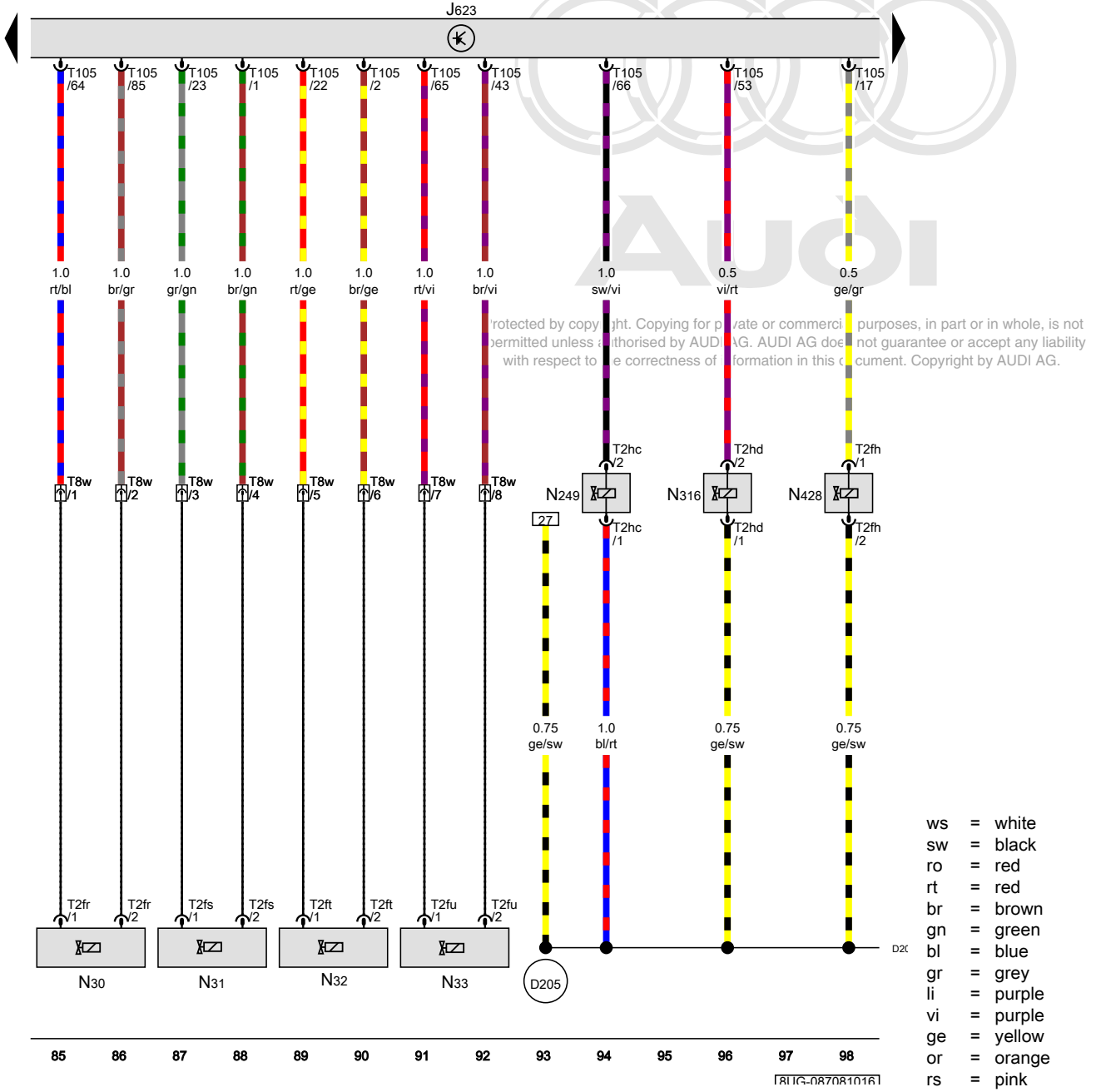


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Start/Stop operation button, Vacuum sender, Engine control unit

E693	Start/Stop operation button
G70	Air mass meter
G608	Vacuum sender
J104	ABS control unit
J538	Fuel pump control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T3br	3-pin connector, black
T5c	5-pin connector
T5u	5-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T46a	46-pin connector, black
T91	91-pin connector, black
B660	Connection (diagnosis terminal 50), in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	According to equipment
*3	Only models with manual gearbox
*4	Only models with start/stop system

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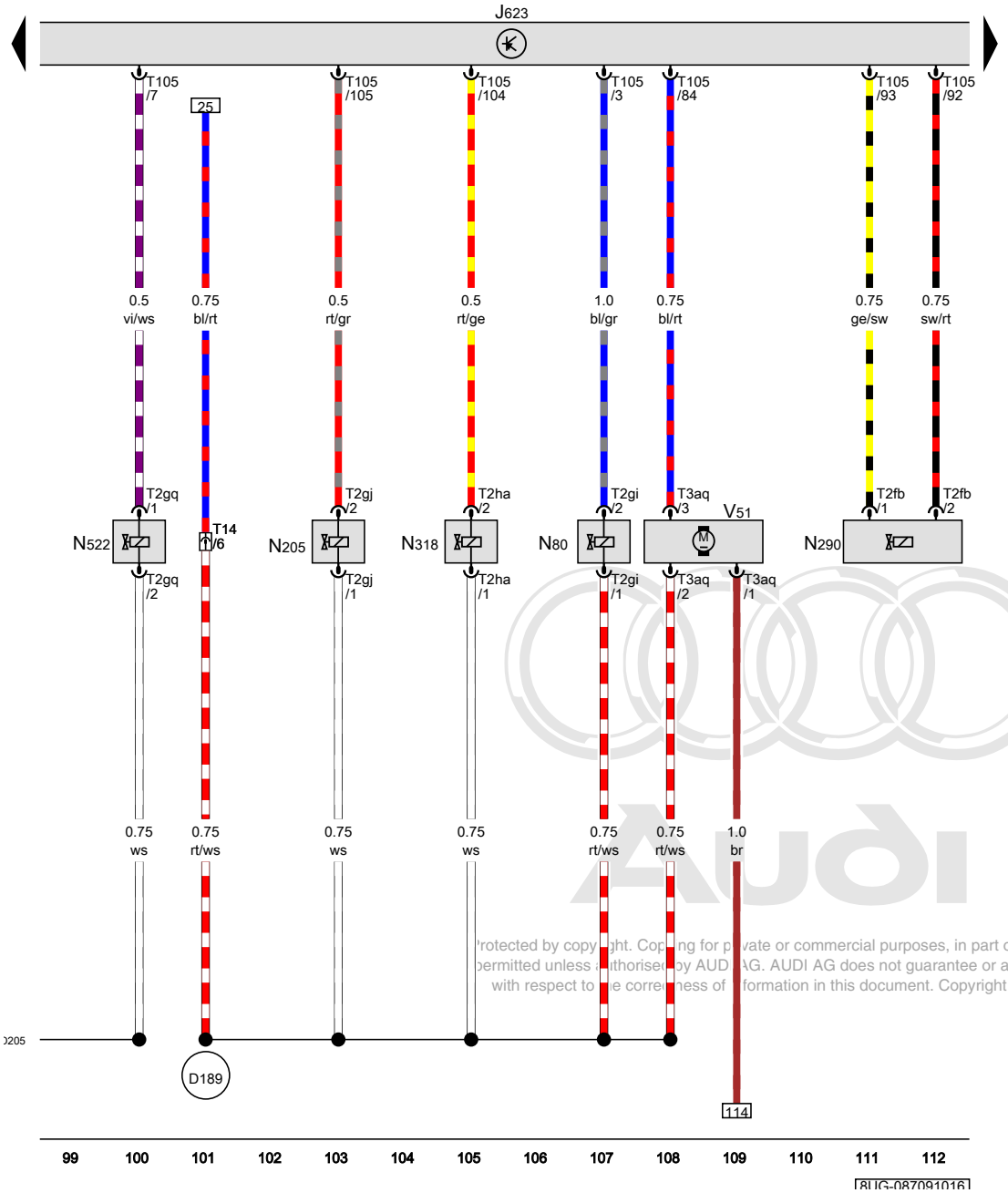


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T2hc	2-pin connector, black
T2hd	2-pin connector, black
T8w	8-pin connector
T105	105-pin connector, black
D205	Connection 3 (87a) in engine prewiring harness

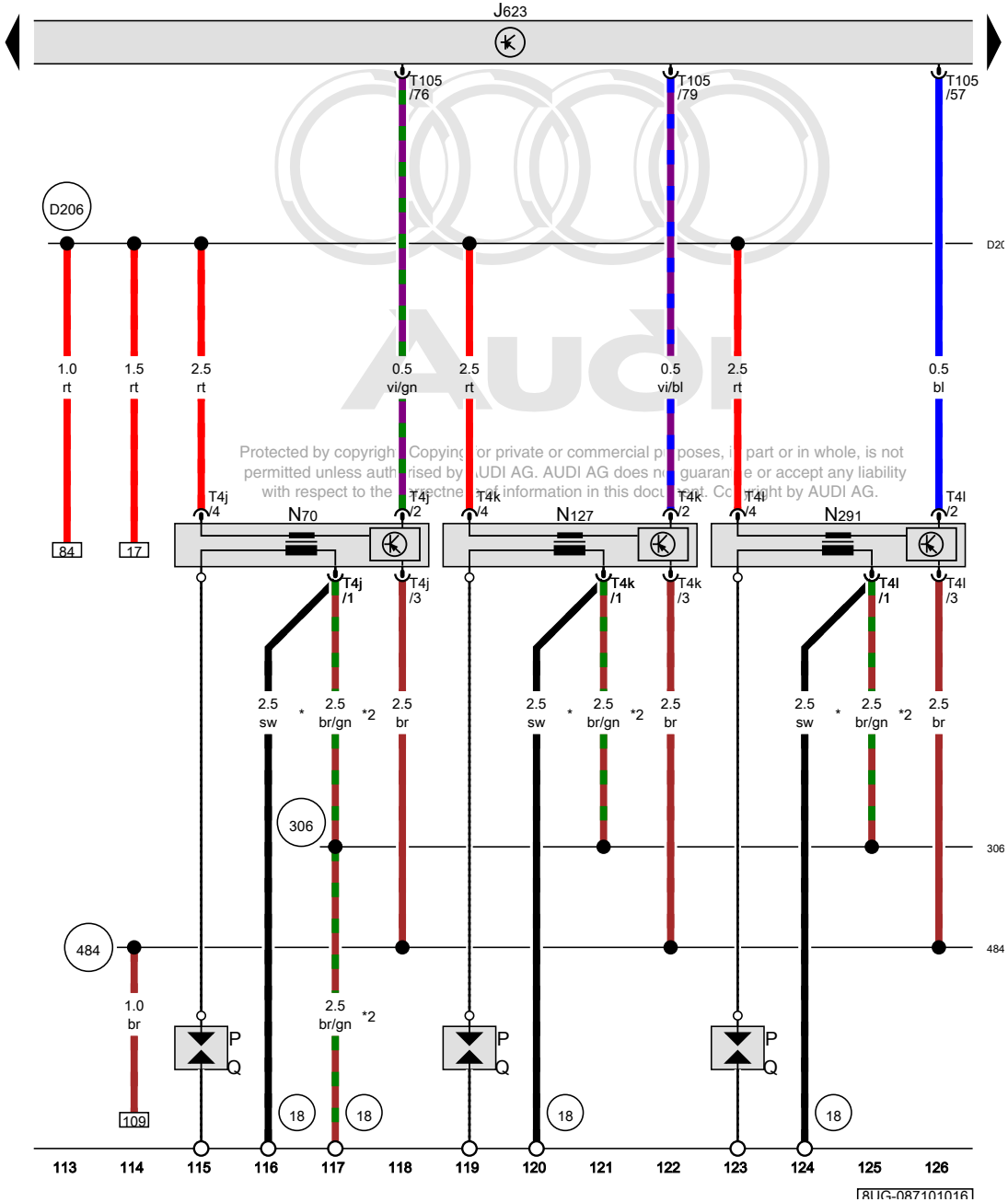


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1, Piston cooling jet control valve, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N522	Piston cooling jet control valve
T2fb	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gq	2-pin connector
T2ha	2-pin connector, black
T3aq	3-pin connector
T14	14-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
D189	Connection (87a) in engine prewiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	According to equipment

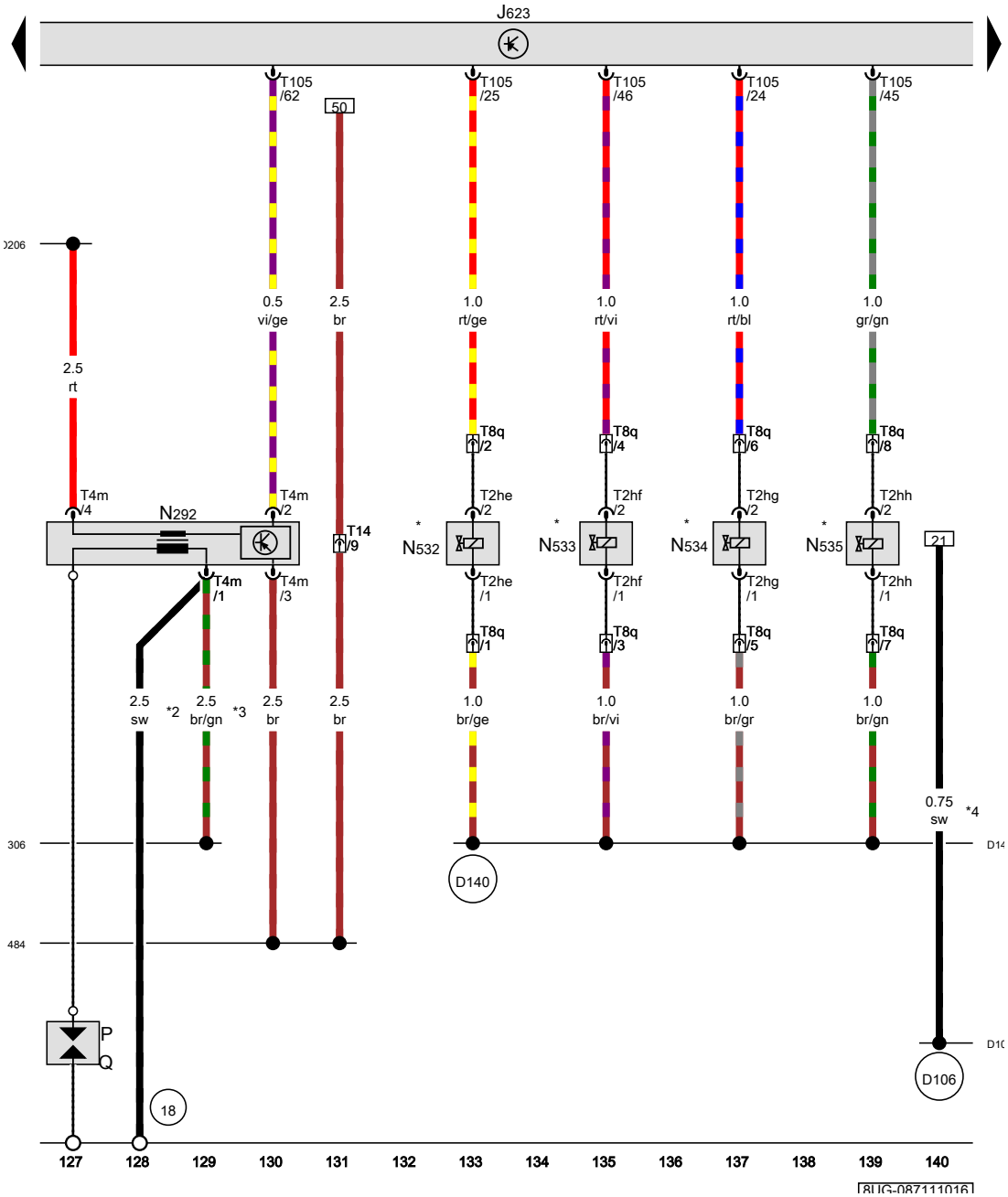


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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

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
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T105	105-pin connector, black
18	Earth point, on cylinder block
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	gradual introduction
*2	Gradually discontinued

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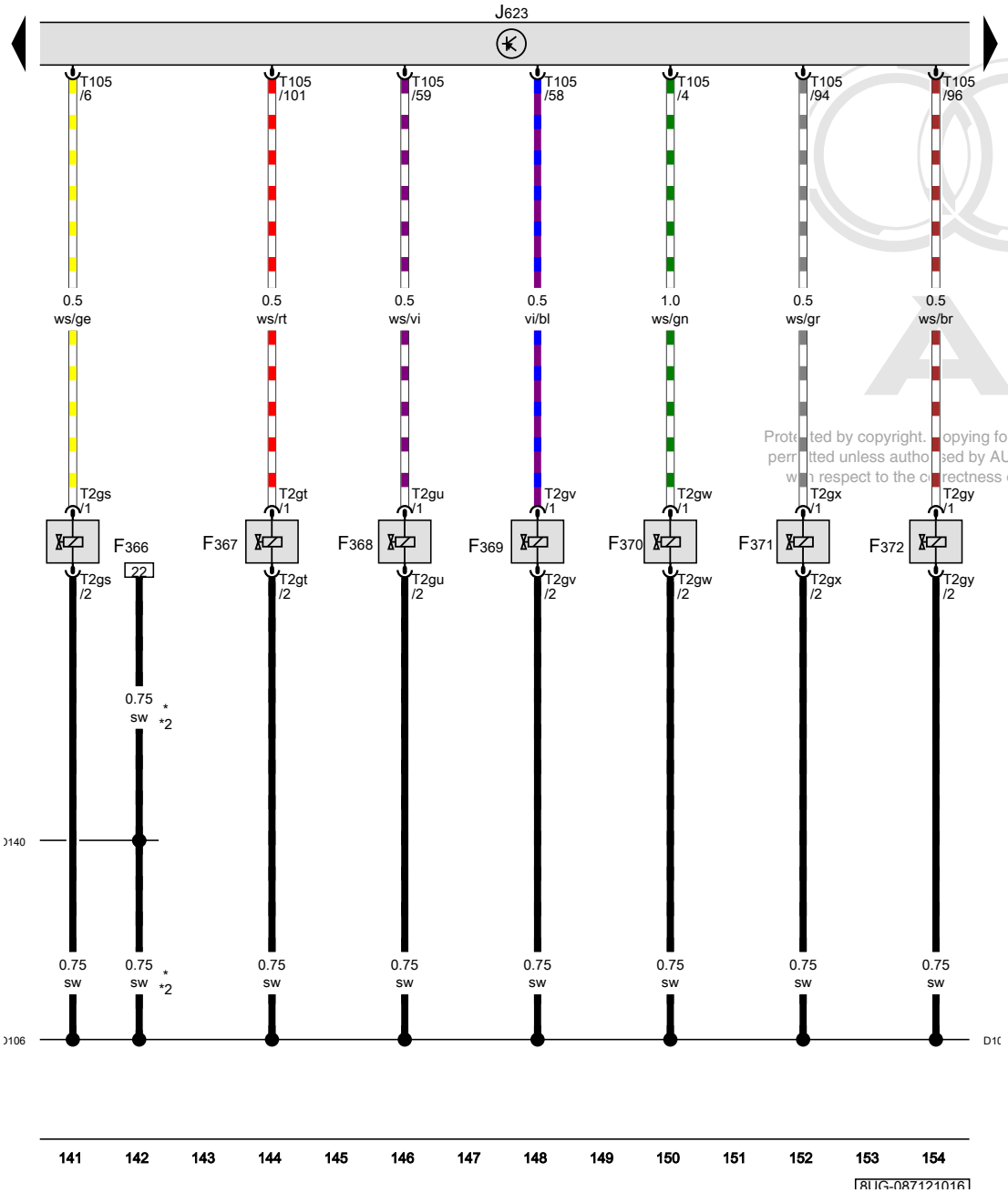


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Engine control unit, Ignition coil 4 with output stage, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

J623	Engine control unit
N292	Ignition coil 4 with output stage
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
P	Spark plug connector
Q	Spark plugs
T2he	2-pin connector, black
T2hf	2-pin connector, black
T2hg	2-pin connector, black
T2hh	2-pin connector, black
T4m	4-pin connector, black
T8q	8-pin connector
T14	14-pin connector, black
T105	105-pin connector, black
18	Earth point, on cylinder block
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D106	Connection 4 in engine compartment wiring harness
D140	Connection (injectors), in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Only models with no US equipment
*2	gradual introduction
*3	Gradually discontinued
*4	According to equipment

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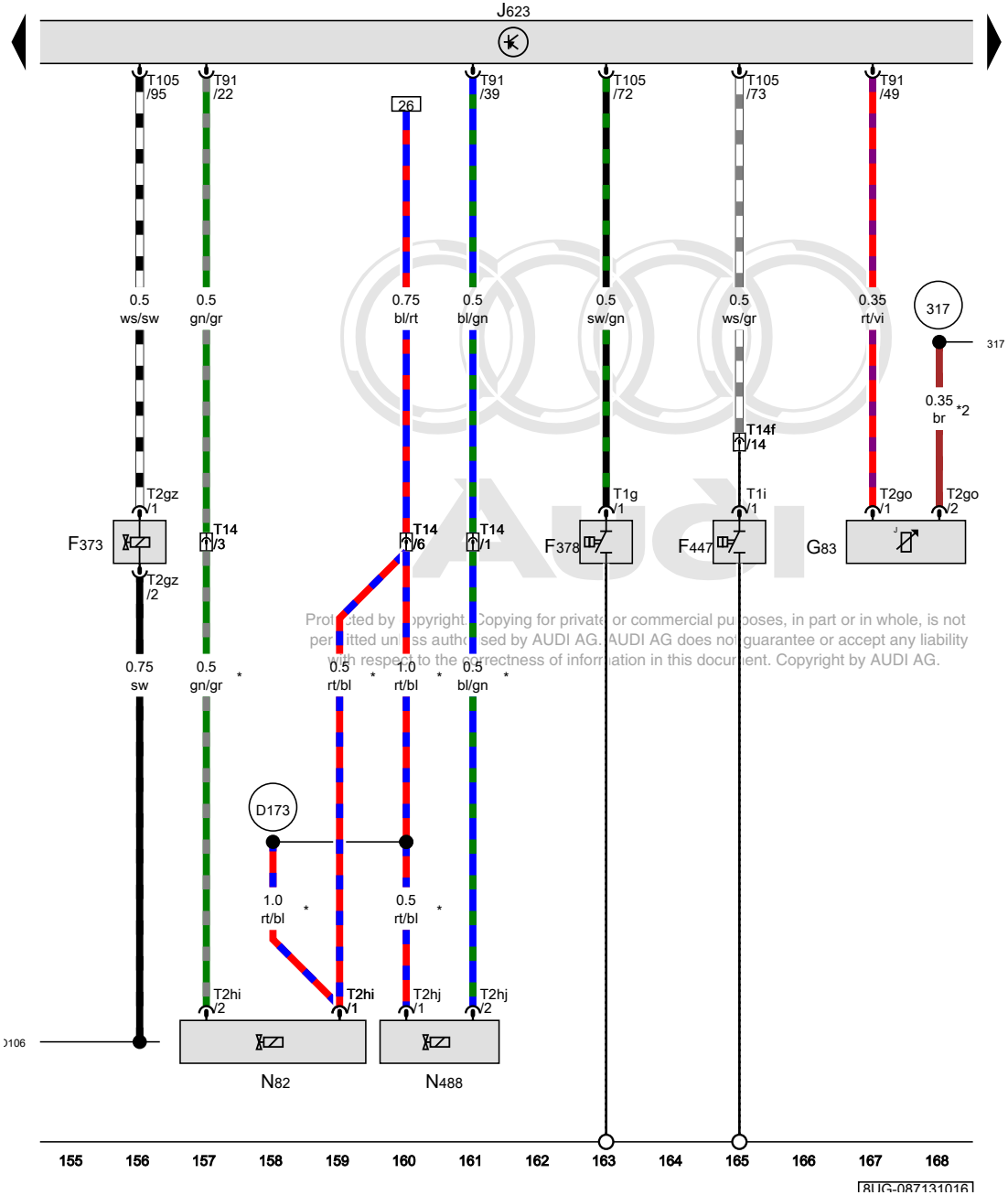


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Actuator 1 for camshaft adjustment, Actuator 2 for camshaft adjustment, Actuator 3 for camshaft adjustment, Actuator 4 for camshaft adjustment, Actuator 5 for camshaft adjustment, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Engine control unit

F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
F372	Actuator 7 for camshaft adjustment
J623	Engine control unit
T2gs	2-pin connector, black
T2gt	2-pin connector, black
T2gu	2-pin connector, black
T2gv	2-pin connector, black
T2gw	2-pin connector, black
T2gx	2-pin connector, black
T2gy	2-pin connector, black
T105	105-pin connector, black
D106	Connection 4 in engine compartment wiring harness
D140	Connection (injectors), in engine prewiring harness
*	According to equipment
*2	Only models with no US equipment

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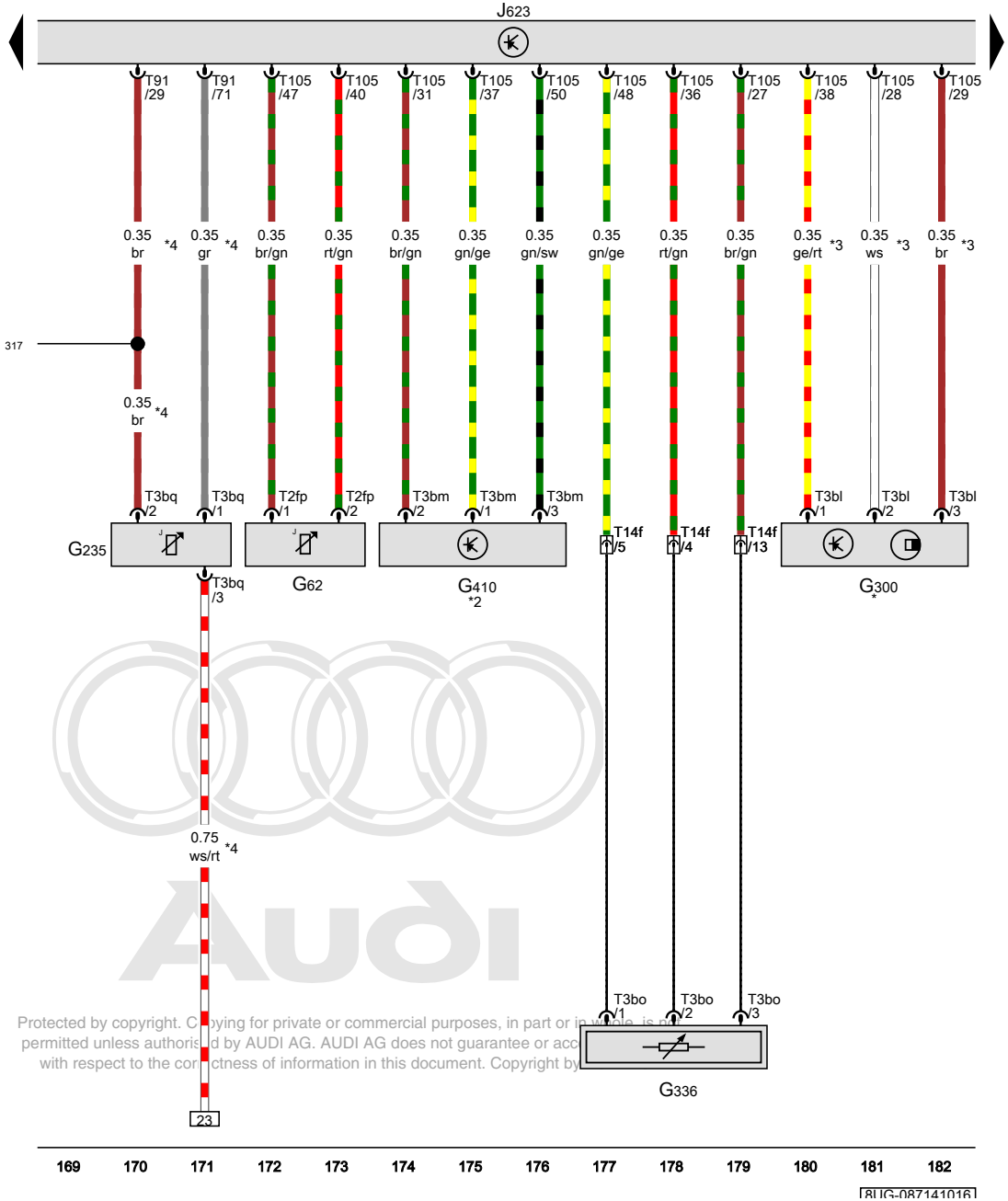


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Actuator 8 for camshaft adjustment, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

F373	Actuator 8 for camshaft adjustment
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
N82	Coolant shut-off valve
N488	Coolant valve for gearbox
T1g	1-pin connector, black
T1i	1-pin connector
T2go	2-pin connector, black
T2gz	2-pin connector, black
T2hi	2-pin connector
T2hj	2-pin connector, black
T14	14-pin connector, black
T14f	14-pin connector, in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
*	According to equipment
*2	Gradually discontinued

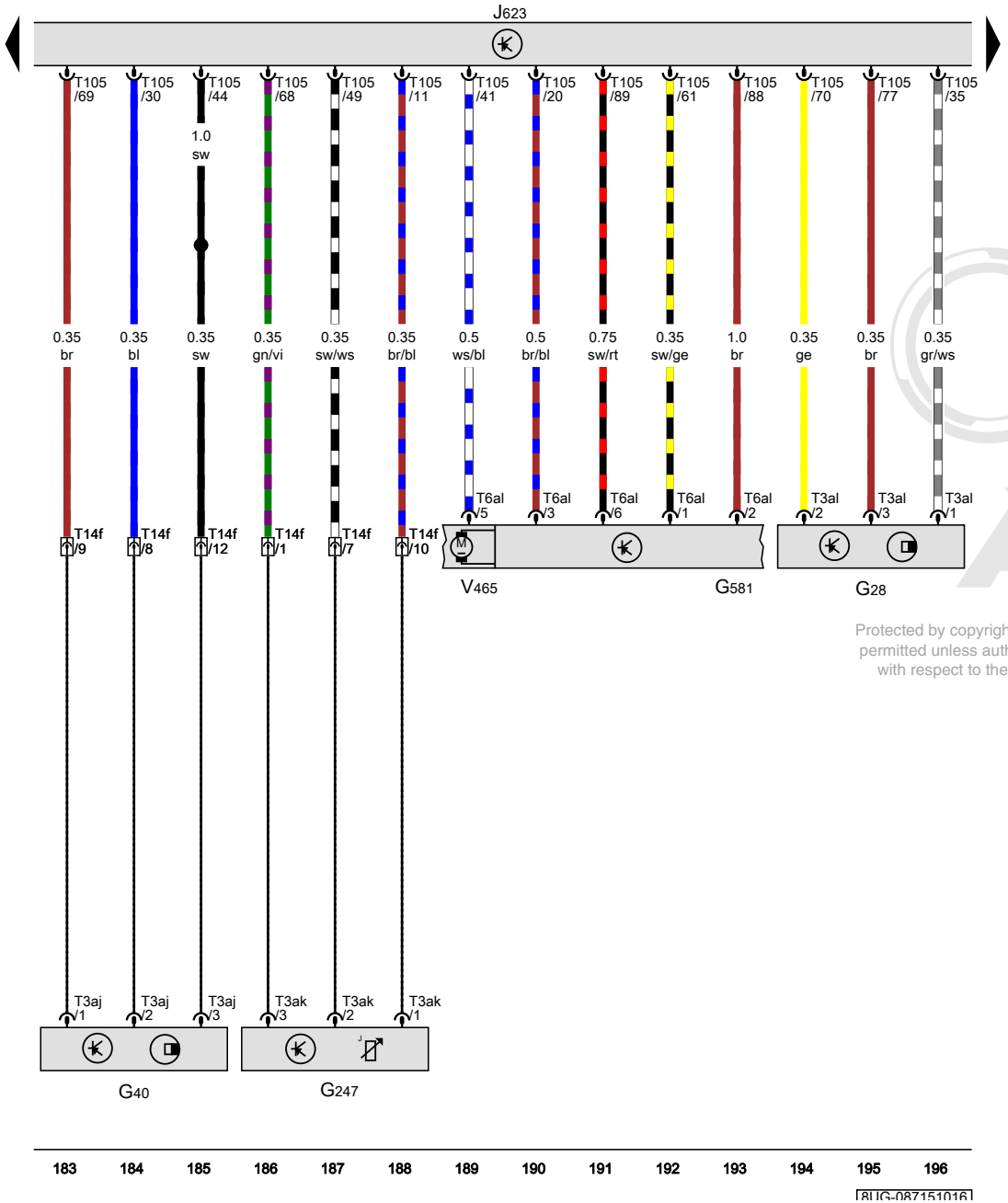


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Coolant temperature sender, Hall sender 3, Intake manifold flap potentiometer, Engine control unit

G62	Coolant temperature sender
G235	Exhaust gas temperature sender 1
G300	Hall sender 3
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T2fp	2-pin connector, black
T3bl	3-pin connector, black
T3bm	3-pin connector
T3bo	3-pin connector
T3bq	3-pin connector, black
T14f	14-pin connector, in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
*	Only models with no US equipment
*2	According to equipment
*3	Wiring colour depends on equipment
*4	Gradually discontinued

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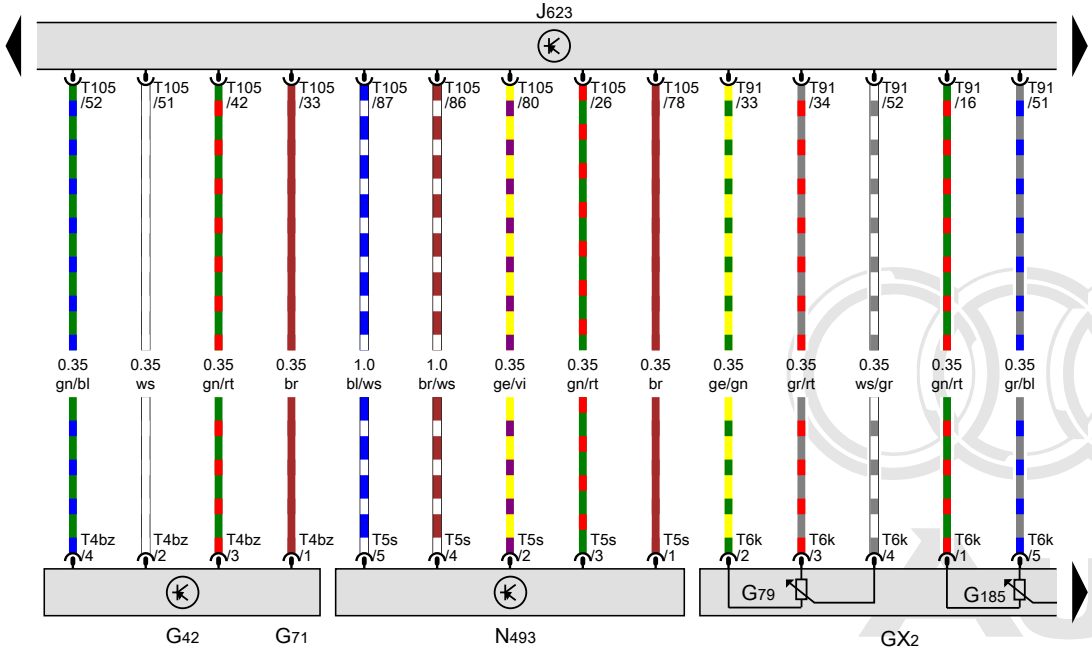


Engine speed sender, Hall sender, Fuel pressure sender, Engine control unit, Charge pressure positioner

G28	Engine speed sender
G40	Hall sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3aj	3-pin connector, black
T3ak	3-pin connector
T3al	3-pin connector, dark brown
T6al	6-pin connector, black
T14f	14-pin connector, in engine compartment
T105	105-pin connector, black
V465	Charge pressure positioner

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rs	=	pink



Accelerator pedal module, Intake air temperature sender, Intake manifold pressure sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Actuator for engine temperature regulation

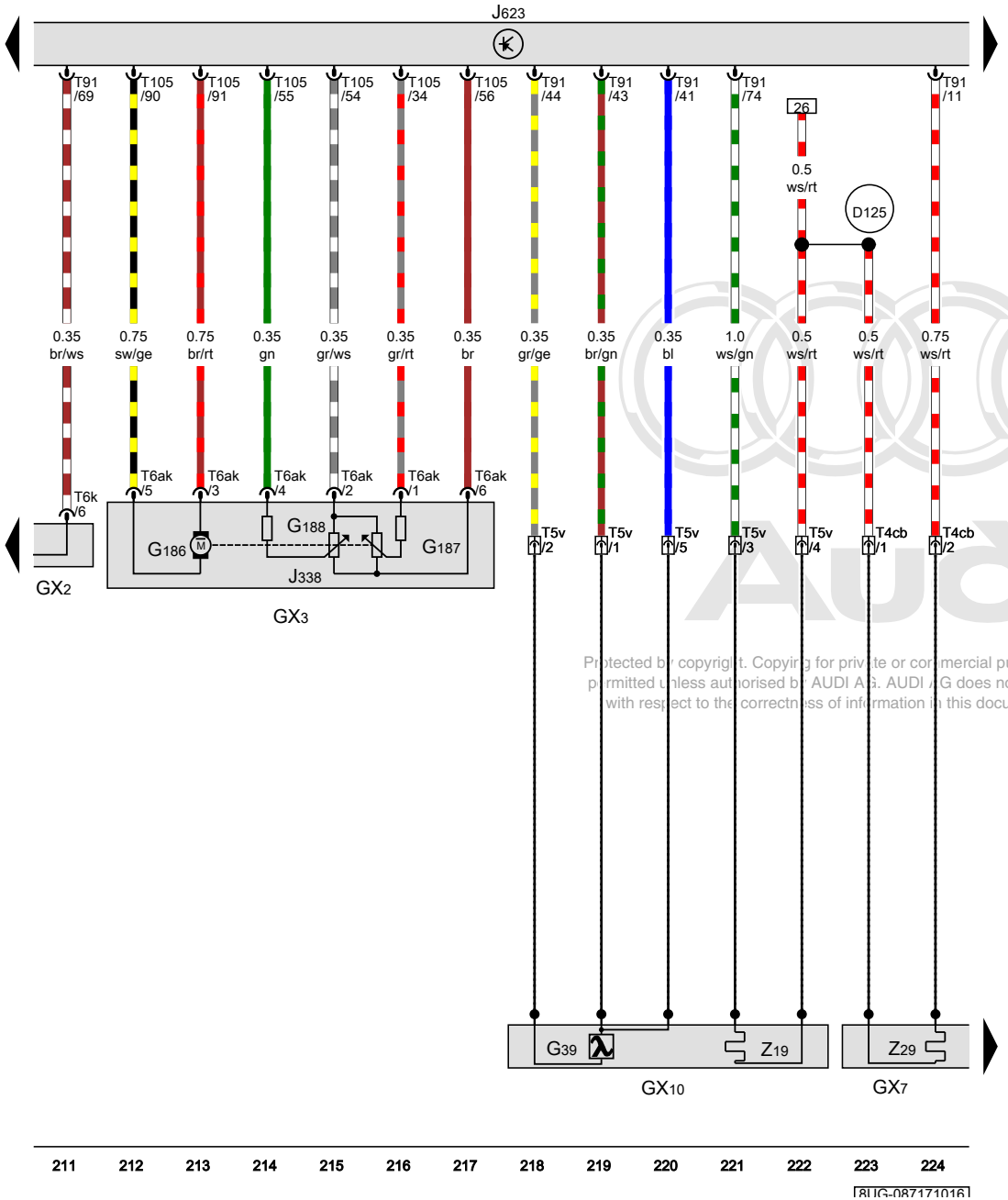
GX2	Accelerator pedal module
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
N493	Actuator for engine temperature regulation
T4bz	4-pin connector
T5s	5-pin connector, black
T6k	6-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black

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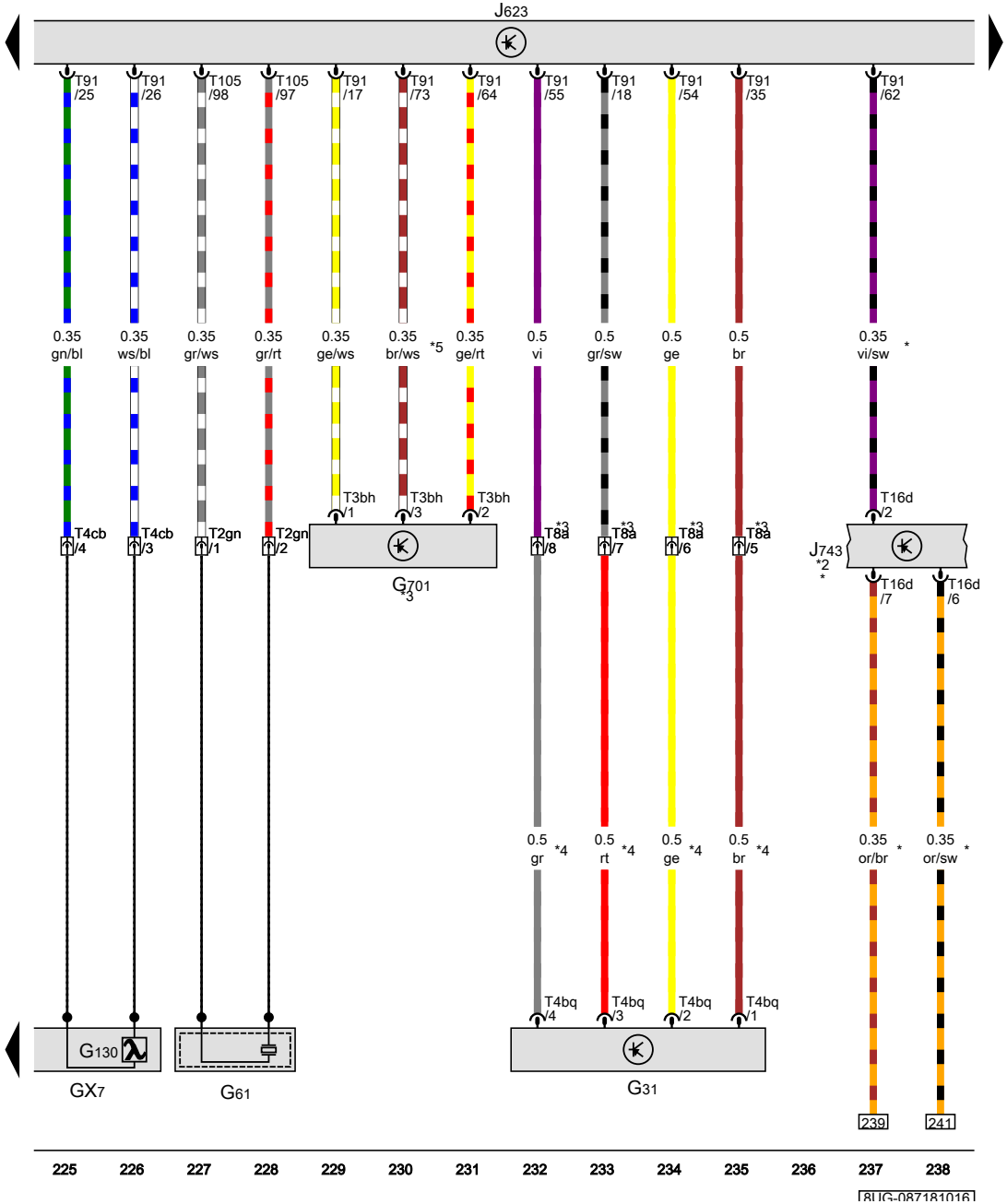


Accelerator pedal module, Throttle valve module, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Throttle valve module, Engine control unit

GX2	Accelerator pedal module
GX3	Throttle valve module
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
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
T4cb	4-pin connector, black
T5v	5-pin connector, grey
T6ak	6-pin connector, black
T6k	6-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness

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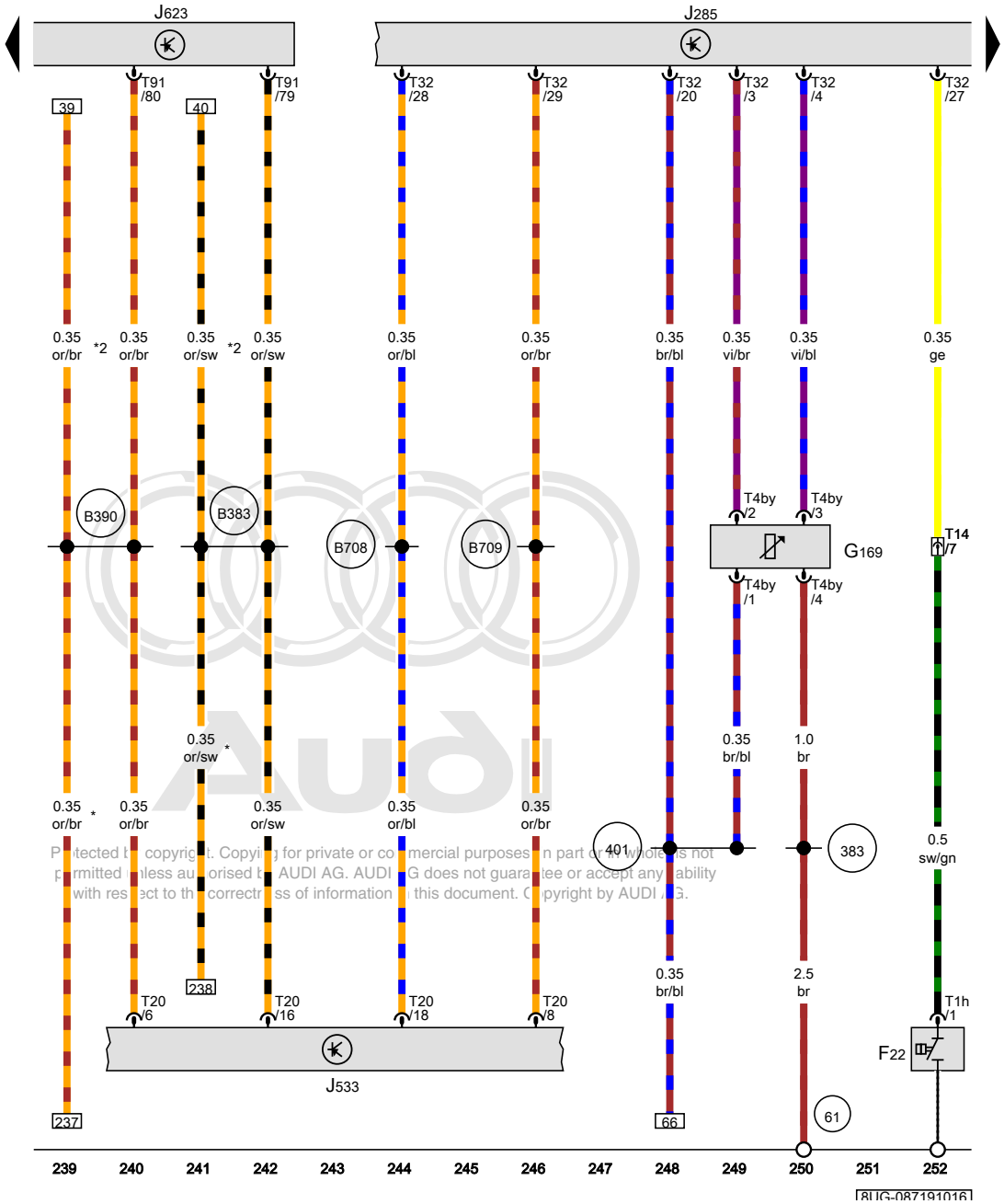
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Lambda probe 1 after catalytic converter, Charge pressure sender, Knock sensor 1, Lambda probe after catalytic converter, Gearbox neutral position sender, Engine control unit, Mechatronic unit for dual clutch gearbox

GX7	Lambda probe 1 after catalytic converter
G31	Charge pressure sender
G61	Knock sensor 1
G130	Lambda probe after catalytic converter
G701	Gearbox neutral position sender
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T2gn	2-pin connector, black
T3bh	3-pin connector, black, brown
T4bq	4-pin connector, black
T4cb	4-pin connector, black
T8a	8-pin connector
T16d	16-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
*	Only models with dual clutch gearbox
*2	see applicable current flow diagram
*3	According to equipment
*4	Wiring colour depends on equipment
*5	gradual introduction

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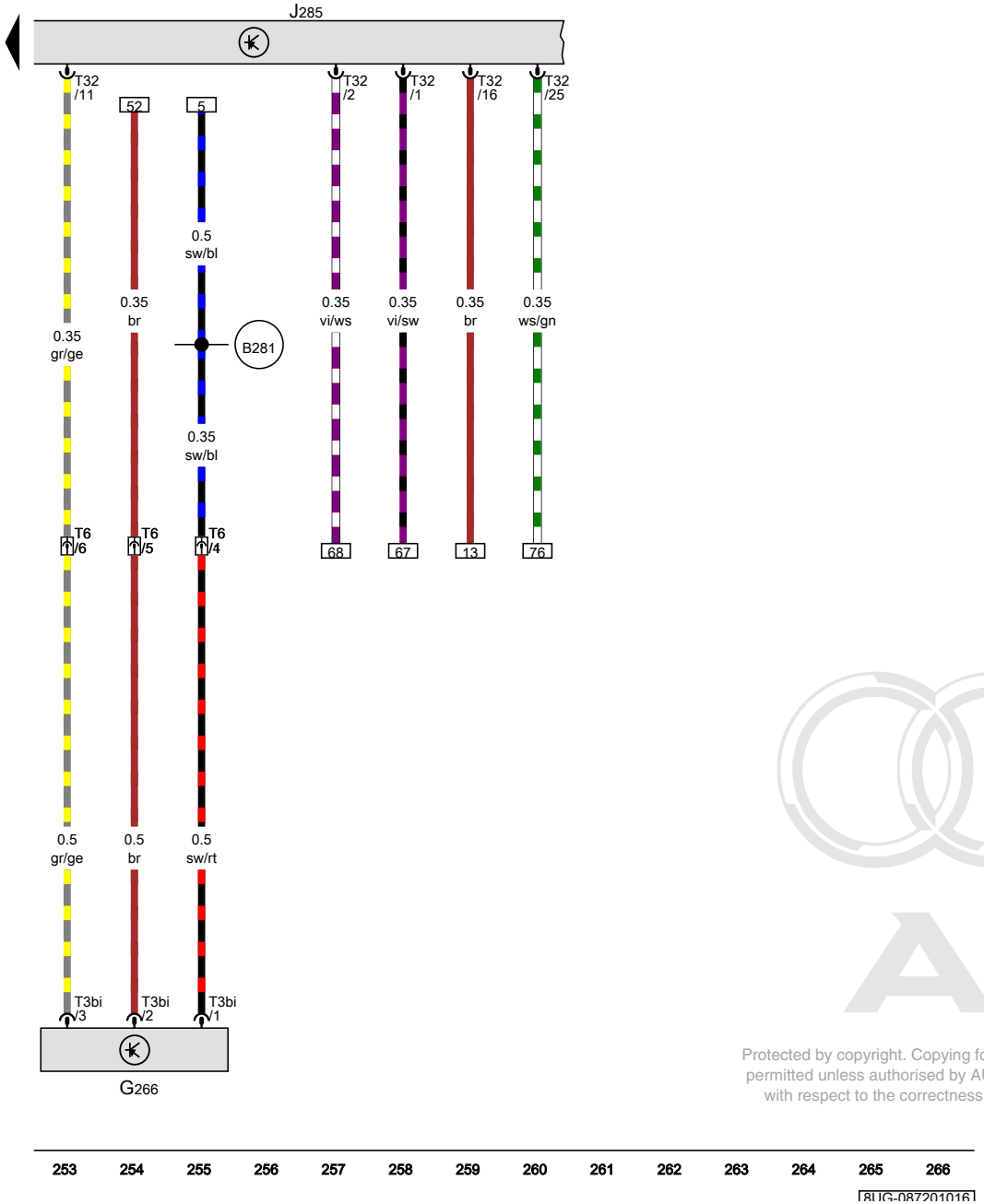
Oil pressure switch, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit



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F22	Oil pressure switch
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
T1h	1-pin connector, dark blue
T4by	4-pin connector
T14	14-pin connector, black
T20	20-pin connector, red
T32	32-pin connector, blue
T91	91-pin connector, black
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Only models with dual clutch gearbox
*2	Only left-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



Oil level and oil temperature sender, Control unit in dash panel insert

G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
T3bi	3-pin connector, black
T6	6-pin connector, black
T32	32-pin connector, blue
B281	Positive connection 5 (15a) in main wiring harness

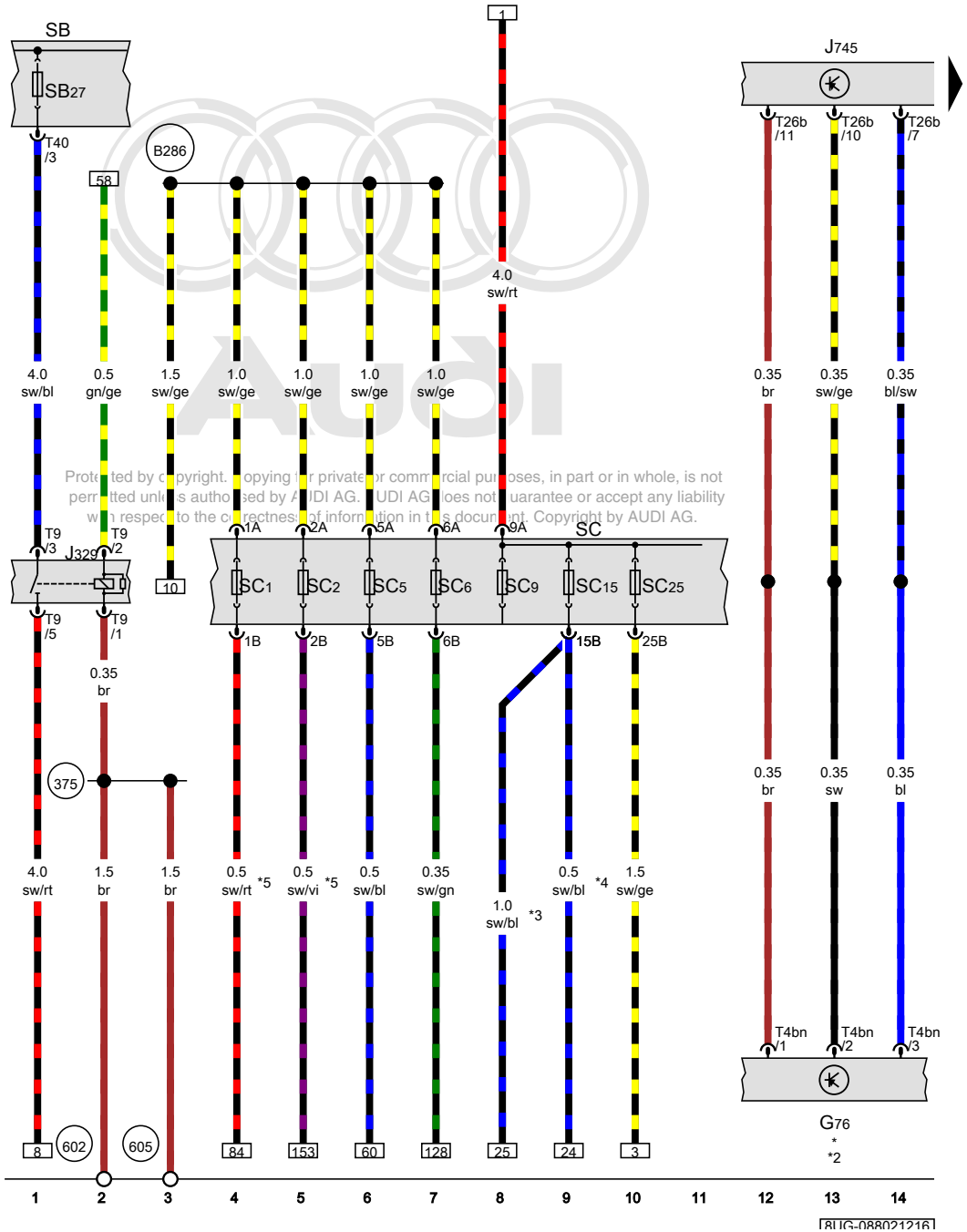
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LED headlights , (8IT),(GP2)

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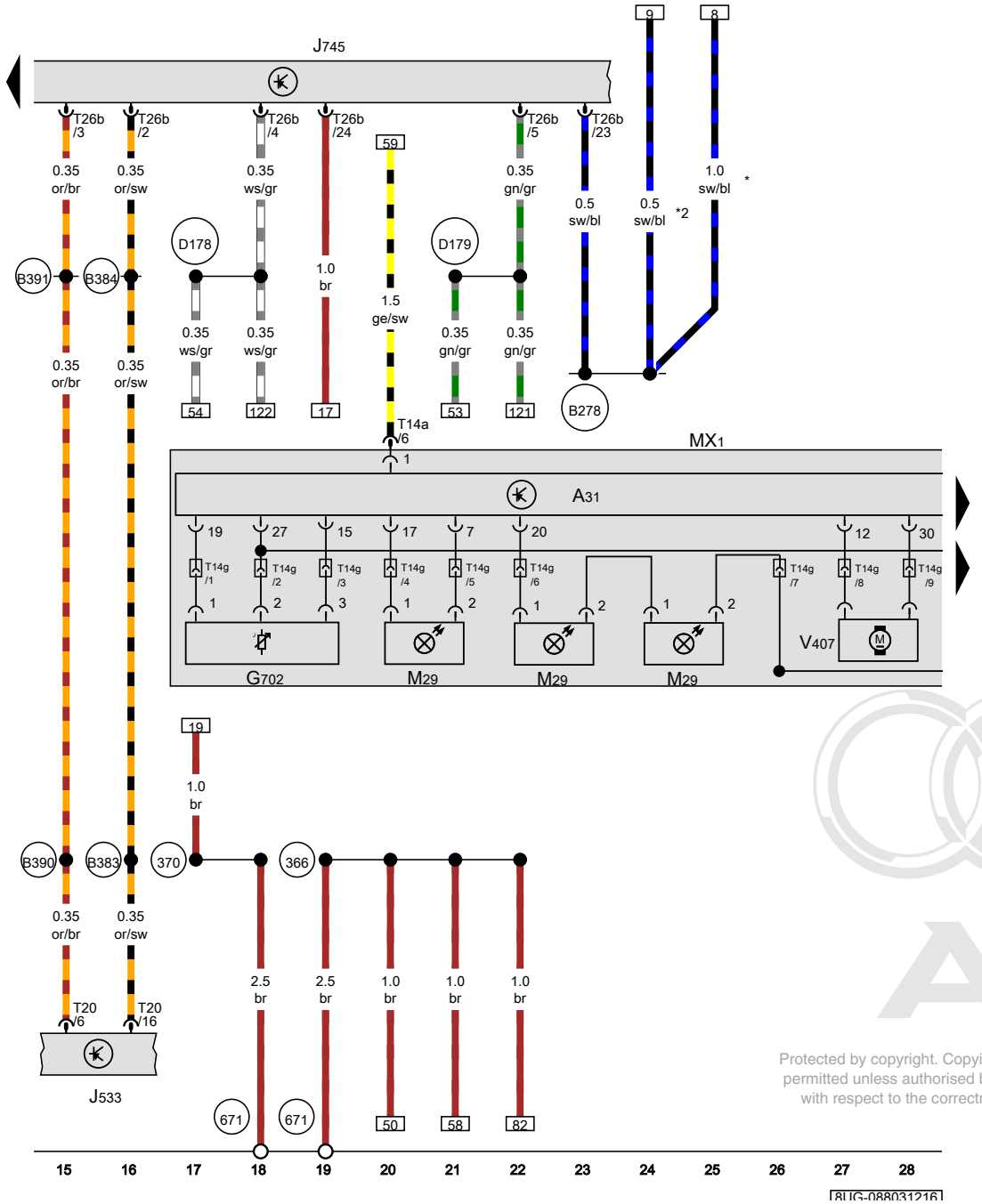
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BUG-0880212161

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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

Rear left vehicle level sender, Control unit for cornering light and headlight range control, Fuse 27 on fuse holder B

G76	Rear left vehicle level sender
J329	Terminal 15 voltage supply relay
J745	Control unit for cornering light and headlight range control
SB	Fuse holder B
SC	Fuse holder C
SC1	Fuse 1 on fuse holder C
SC2	Fuse 2 on fuse holder C
SC5	Fuse 5 on fuse holder C
SC6	Fuse 6 on fuse holder C
SC9	Fuse 9 on fuse holder C
SC15	Fuse 15 on fuse holder C
SC25	Fuse 25 on fuse holder C
SB27	Fuse 27 on fuse holder B
T4bn	4-pin connector
T9	9-pin connector
T26b	26-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B286	Positive connection 10 (15a) in main wiring harness
*	According to equipment
*2	If fitted
*3	Only right-hand drive models
*4	Only left-hand drive models
*5	Only models with US equipment



Temperature sender 1 for left headlight, Control unit for cornering light and headlight range control, Front left headlight, Left headlight dipped beam bulb, Left headlight fan

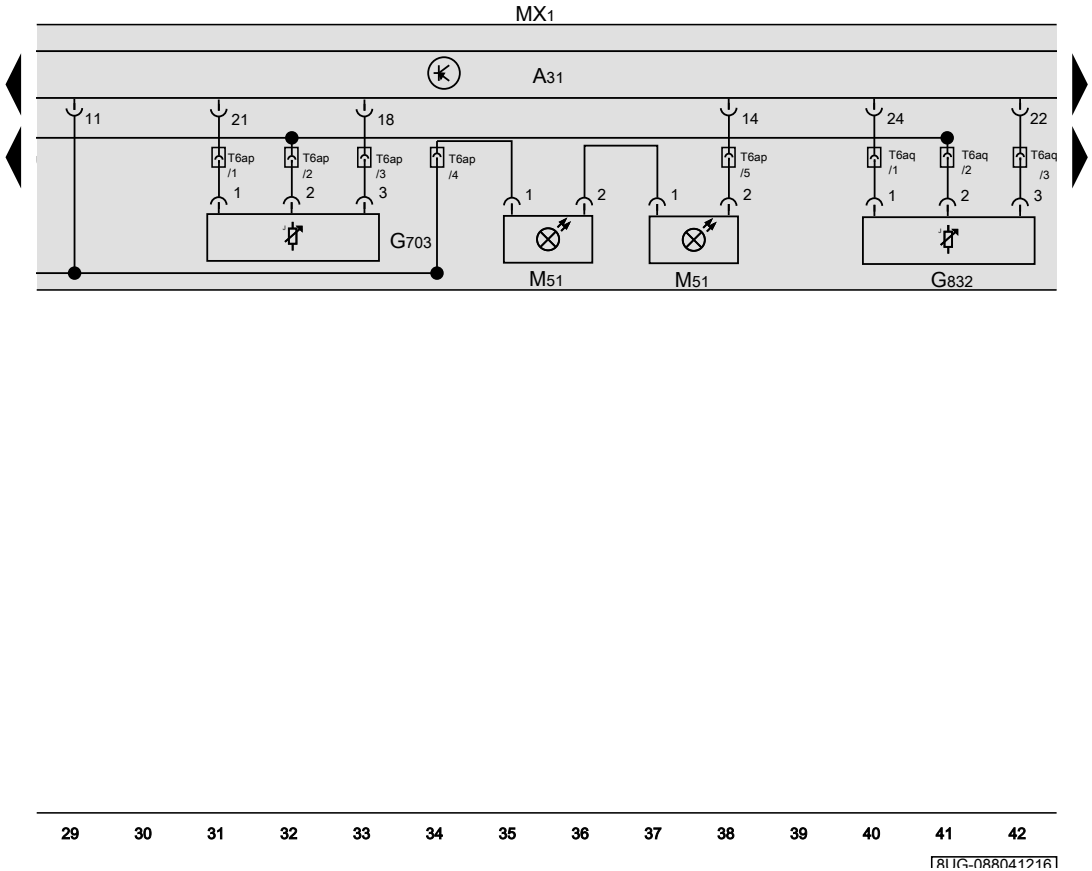
A31	Output module 1 for left LED headlight
G702	Temperature sender 1 for left headlight
J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
MX1	Front left headlight
M29	Left headlight dipped beam bulb
T14a	14-pin connector
T14g	14-pin connector
T20	20-pin connector
T26b	26-pin connector
V407	Left headlight fan
366	Earth connection 1, in main wiring harness
370	Earth connection 5, in main wiring harness
671	Earth point 1, on front of left longitudinal member
B278	Positive connection 2 (15a) 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
D178	Connection 2 (high bus), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

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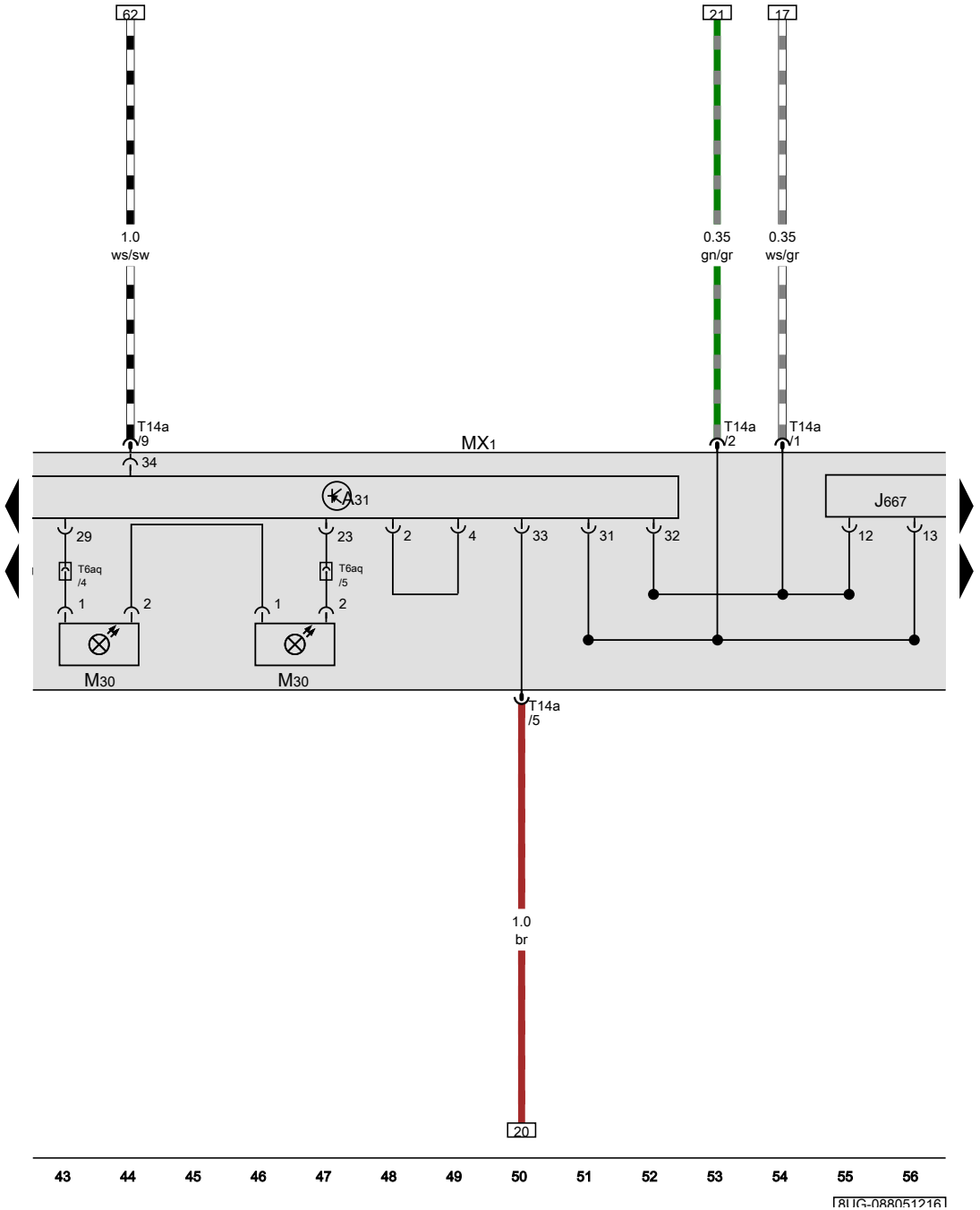
Temperature sender 2 for left headlight, Temperature sender 3 for left headlight, Front left headlight, Left static cornering light

A31	Output module 1 for left LED headlight
G703	Temperature sender 2 for left headlight
G832	Temperature sender 3 for left headlight
MX1	Front left headlight
M51	Left static cornering light
T6ap	6-pin connector
T6aq	6-pin connector



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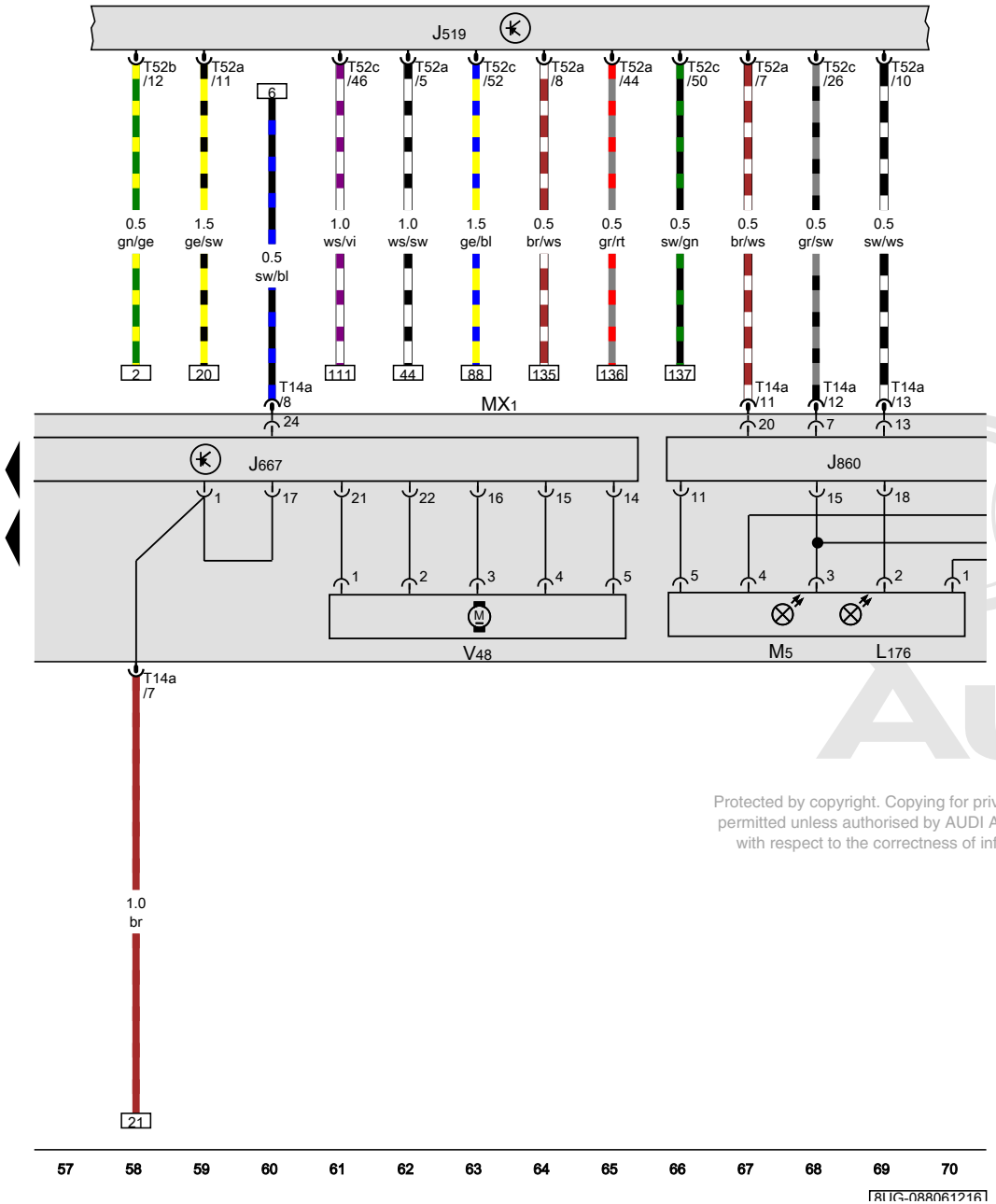


Output module for left headlight, Front left headlight, Left headlight main beam bulb

A31	Output module 1 for left LED headlight
J667	Output module for left headlight
MX1	Front left headlight
M30	Left headlight main beam bulb
T6aq	6-pin connector
T14a	14-pin connector

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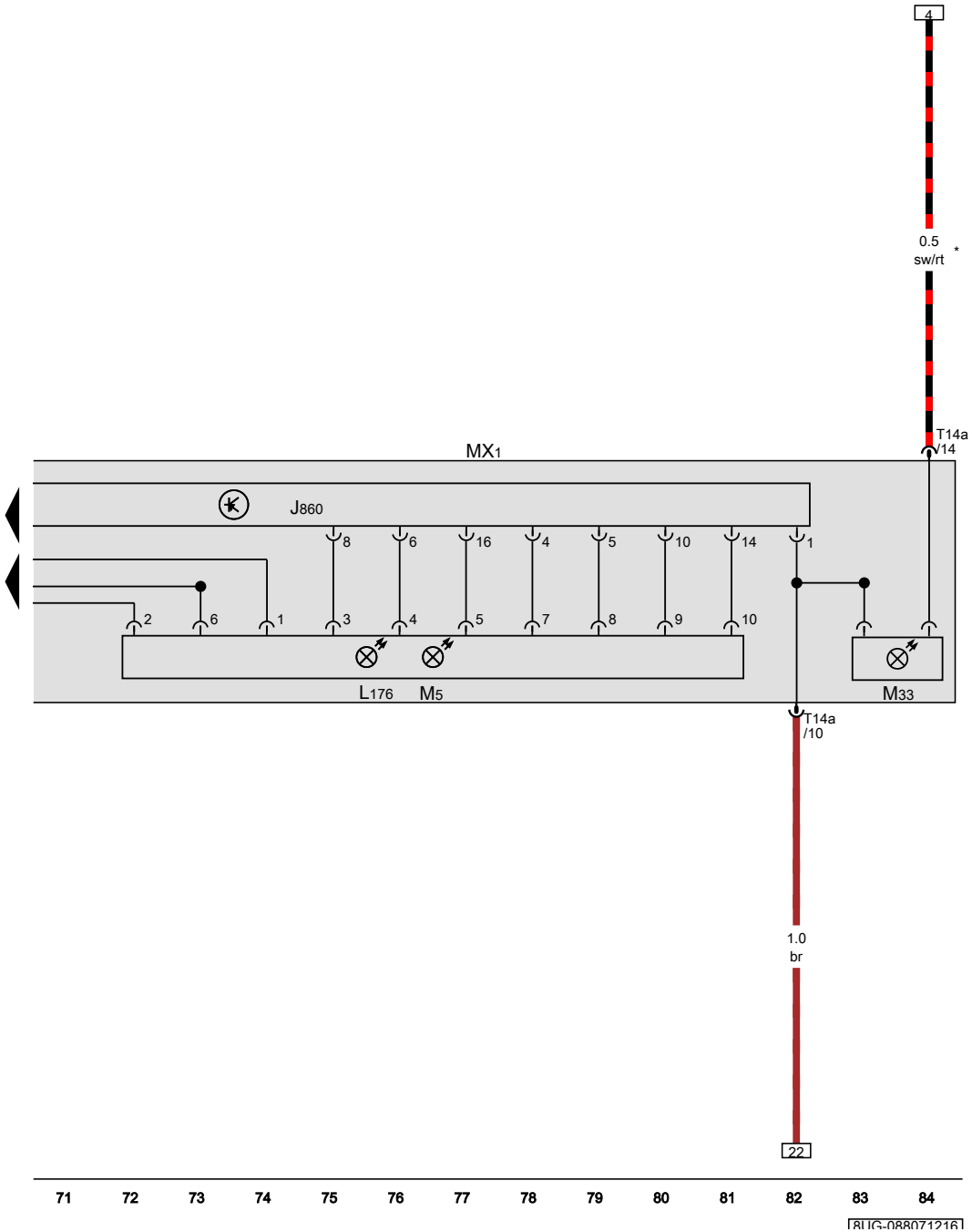


Onboard supply control unit, Output module for left headlight, Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb, Left headlight range control motor

J519	Onboard supply control unit
J667	Output module for left headlight
J860	Control unit for left daytime running light and side light
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
T14a	14-pin connector
T52a	52-pin connector
T52b	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor

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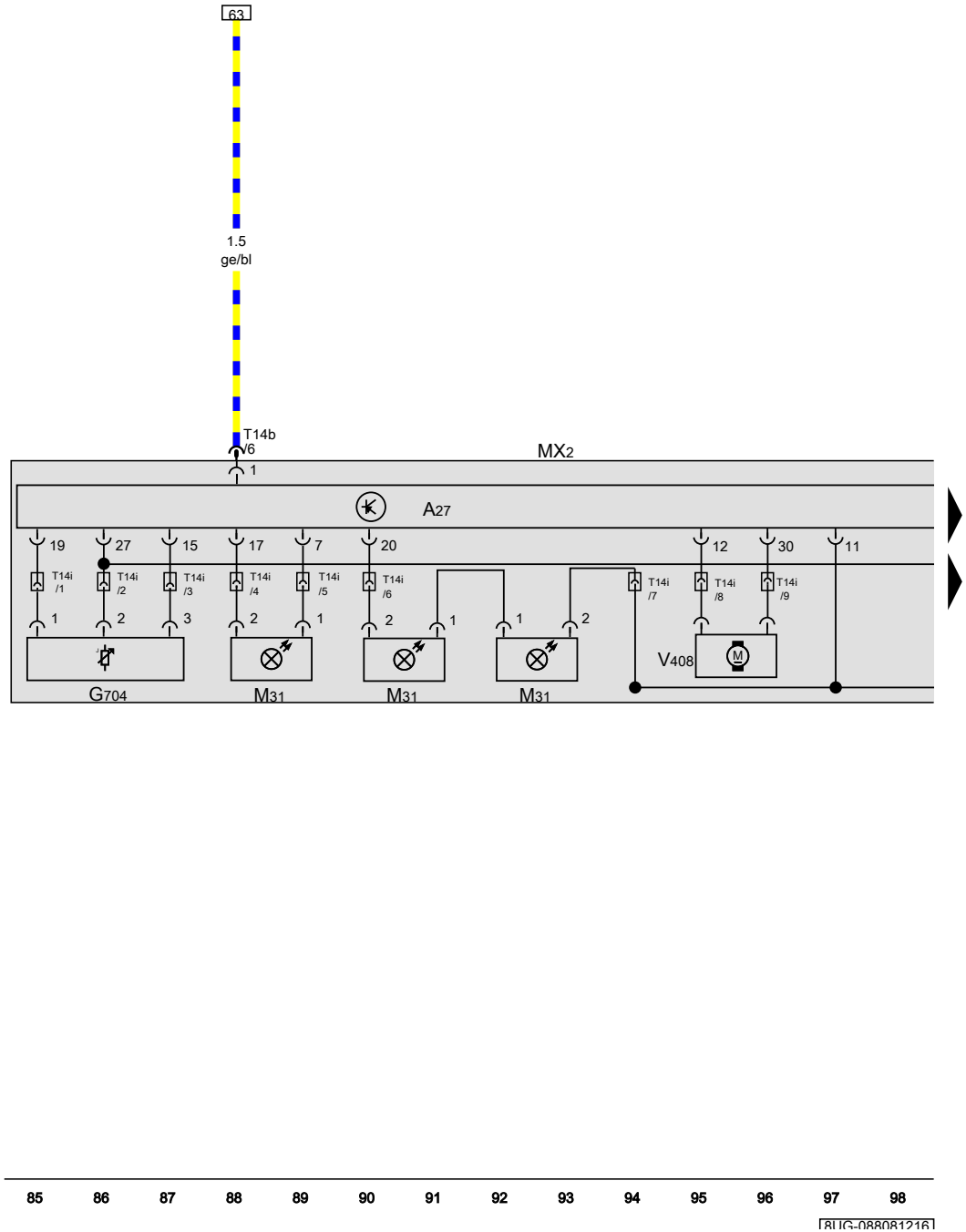


Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb, Front left side marker bulb

J860	Control unit for left daytime running light and side 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
*	Only models with US equipment

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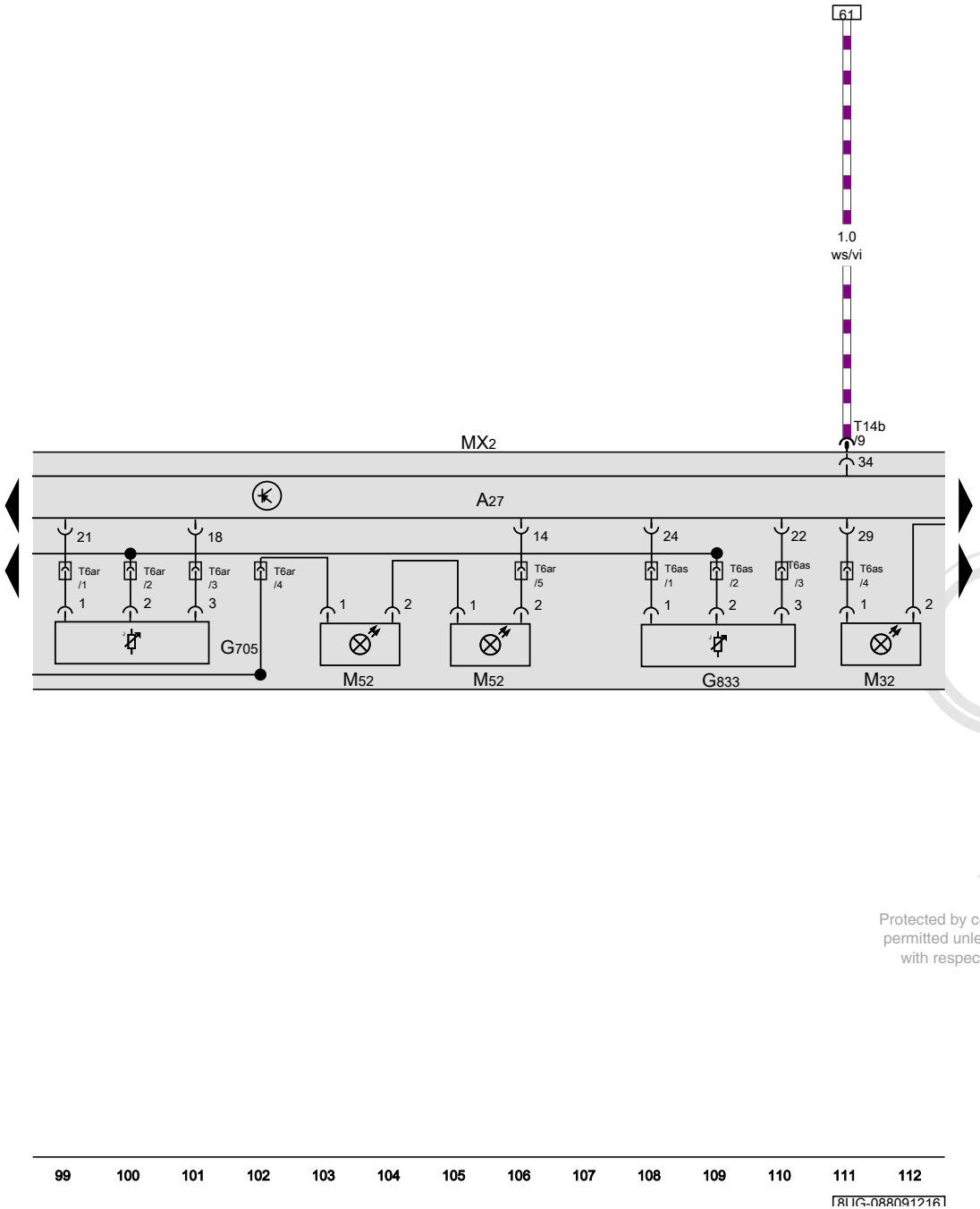


Front right headlight

A27	Output module 1 for right LED headlight
G704	Temperature sender 1 for right headlight
MX2	Front right headlight
M31	Right headlight dipped beam bulb
T14b	14-pin connector
T14i	14-pin connector
V408	Right headlight fan

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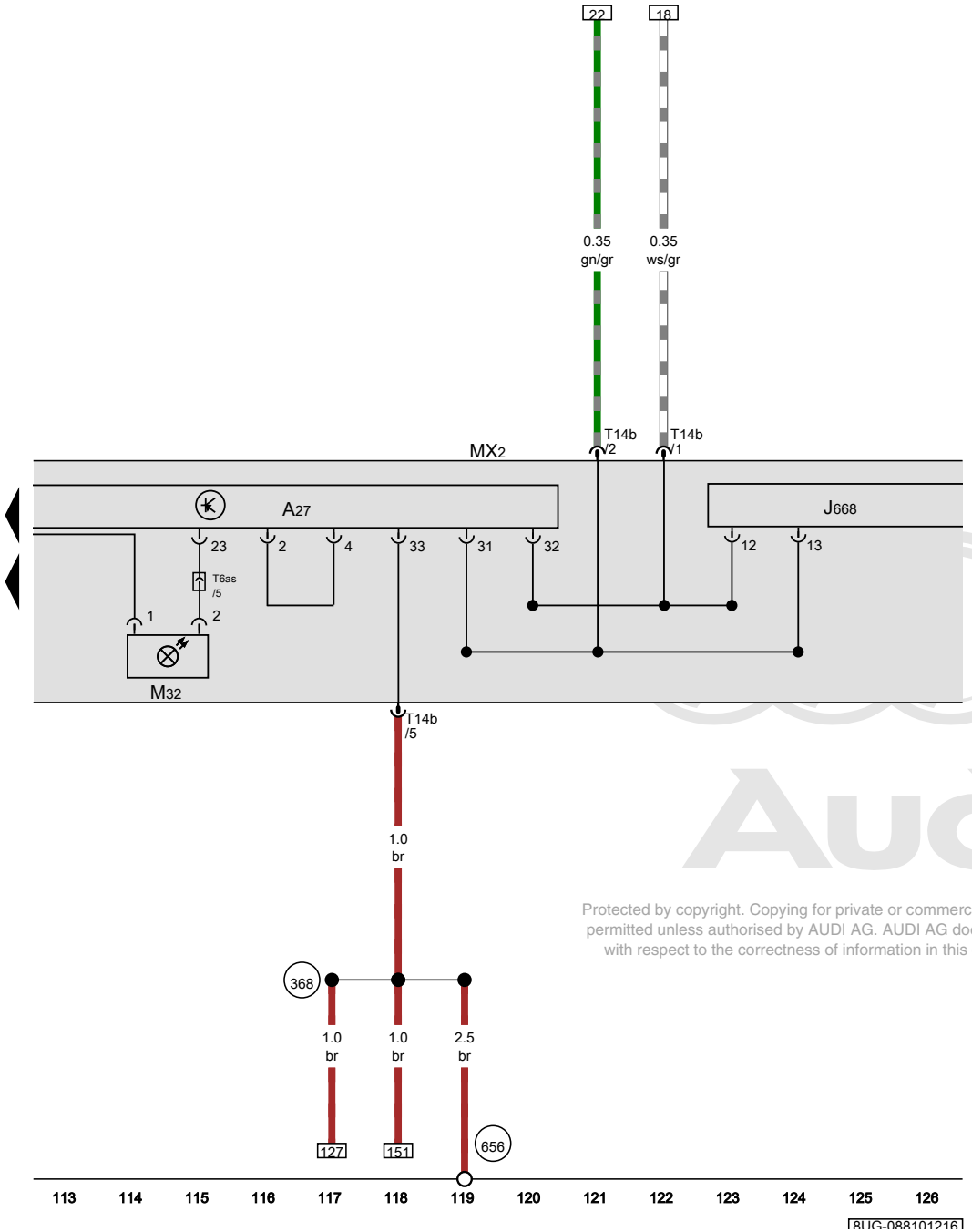


Front right headlight

A27	Output module 1 for right LED headlight
G705	Temperature sender 2 for right headlight
G833	Temperature sender 3 for right headlight
MX2	Front right headlight
M32	Right headlight main beam bulb
M52	Right static cornering light
T6ar	6-pin connector
T6as	6-pin connector
T14b	14-pin connector

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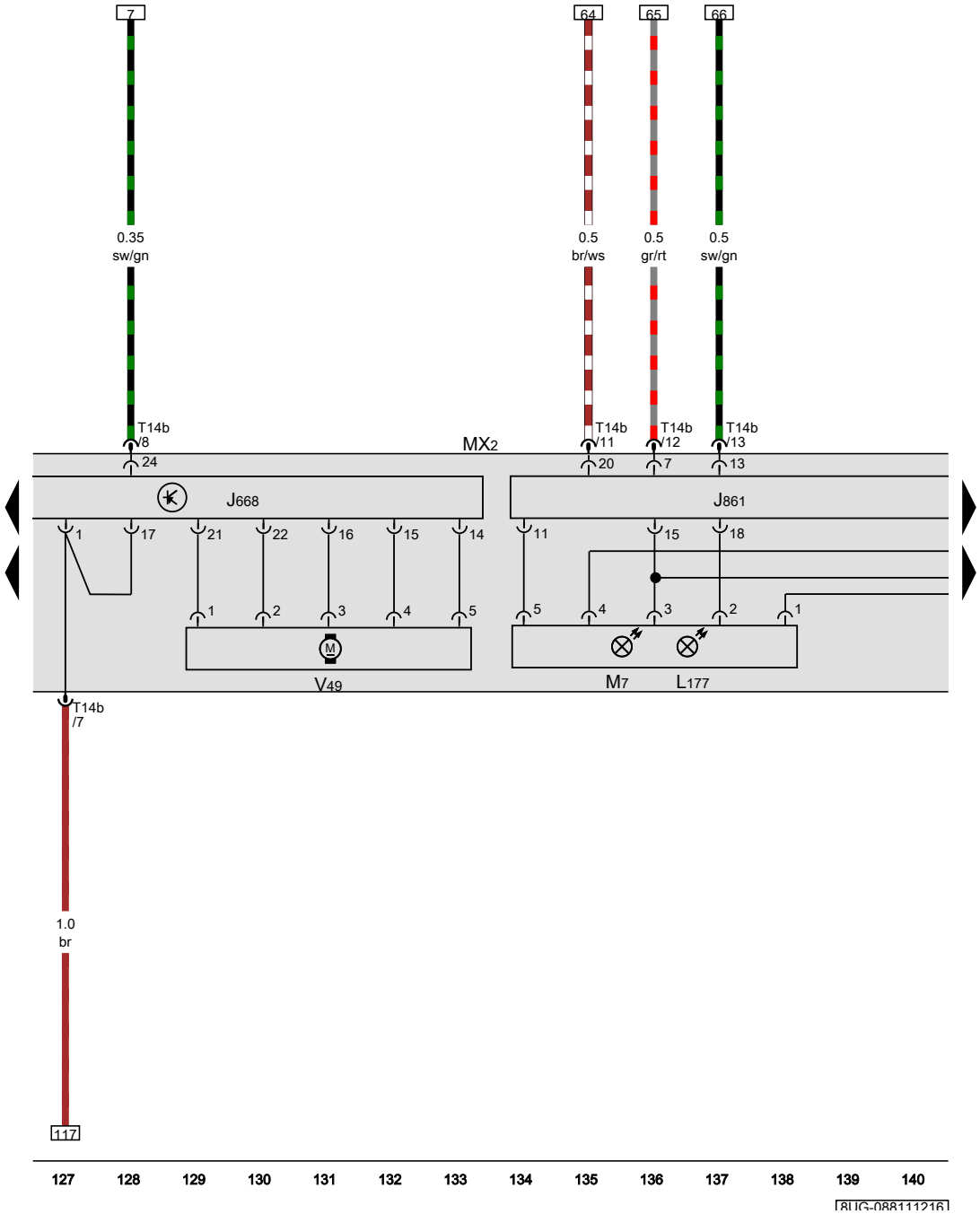


Front right headlight

A27	Output module 1 for right LED headlight
J668	Output module for right headlight
MX2	Front right headlight
M32	Right headlight main beam bulb
T6as	6-pin connector
T14b	14-pin connector
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight

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Front right headlight

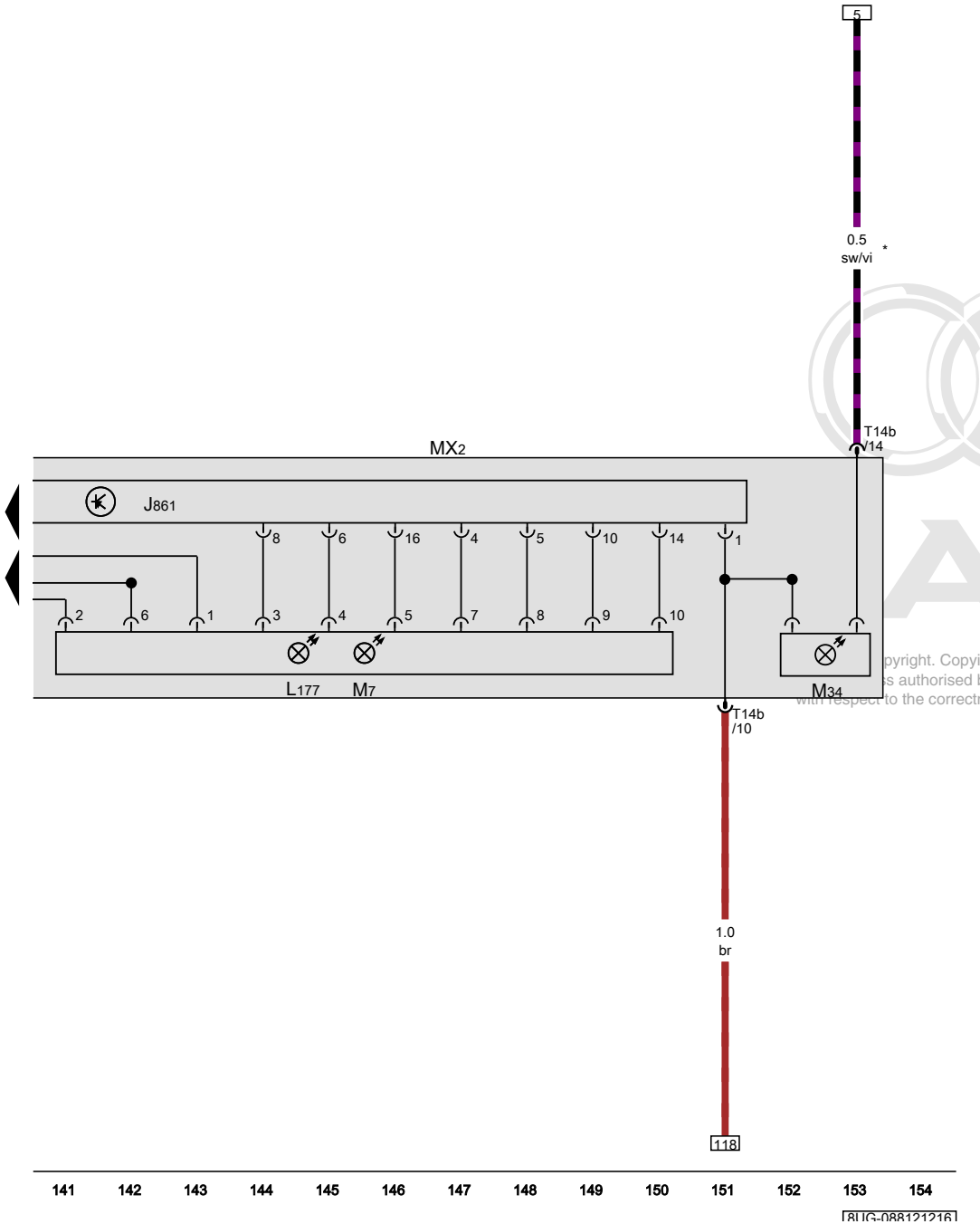
J668	Output module for right headlight
J861	Control unit for right daytime running light and side light
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
T14b	14-pin connector
V49	Right headlight range control motor

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br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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Front right headlight, Front right turn signal bulb

J861	Control unit for right daytime running light and side 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
*	Only models with US equipment



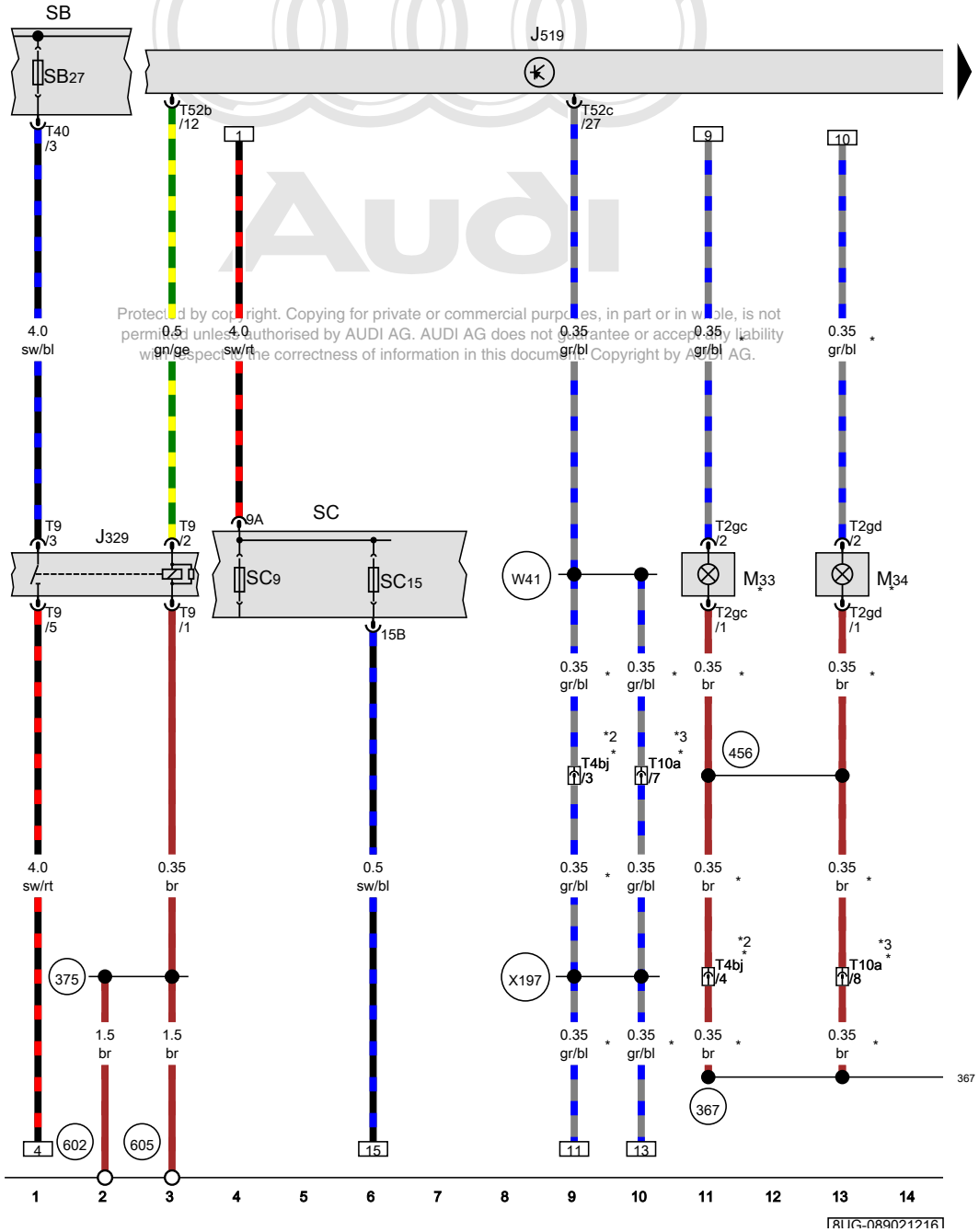
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Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light , (8Q5),(8Q6),(GP2)

From November 2014

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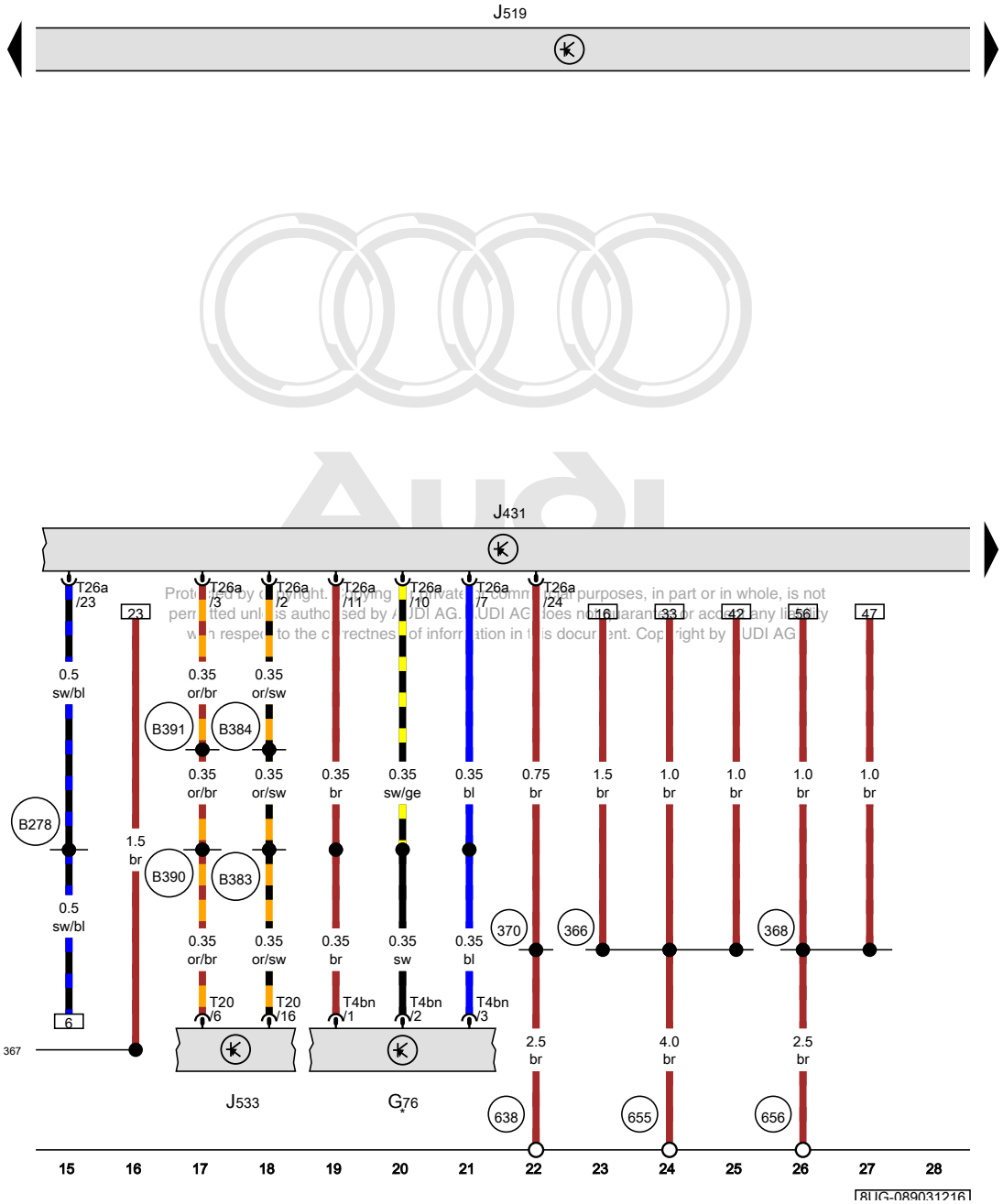
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ge	= yellow
or	= orange
rs	= pink

Terminal 15 voltage supply relay, Onboard supply control unit, Connection 1, in lower front bumper wiring harness

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
M33	Front left side marker bulb
M34	Front right side marker bulb
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
SC9	Fuse 9 on fuse holder C
SC15	Fuse 15 on fuse holder C
T2gc	2-pin connector
T2gd	2-pin connector
T4bj	4-pin connector
T9	9-pin connector
T10a	10-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
367	Earth connection 2, in main wiring harness
375	Earth connection 10, in main wiring harness
456	Earth connection 1, front bumper wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
W41	Positive connection (58), in number plate lights wiring harness
X197	Connection 1, in lower front bumper wiring harness
*	Only models with US equipment
*2	According to equipment
*3	Only models with parking aid (PDC)

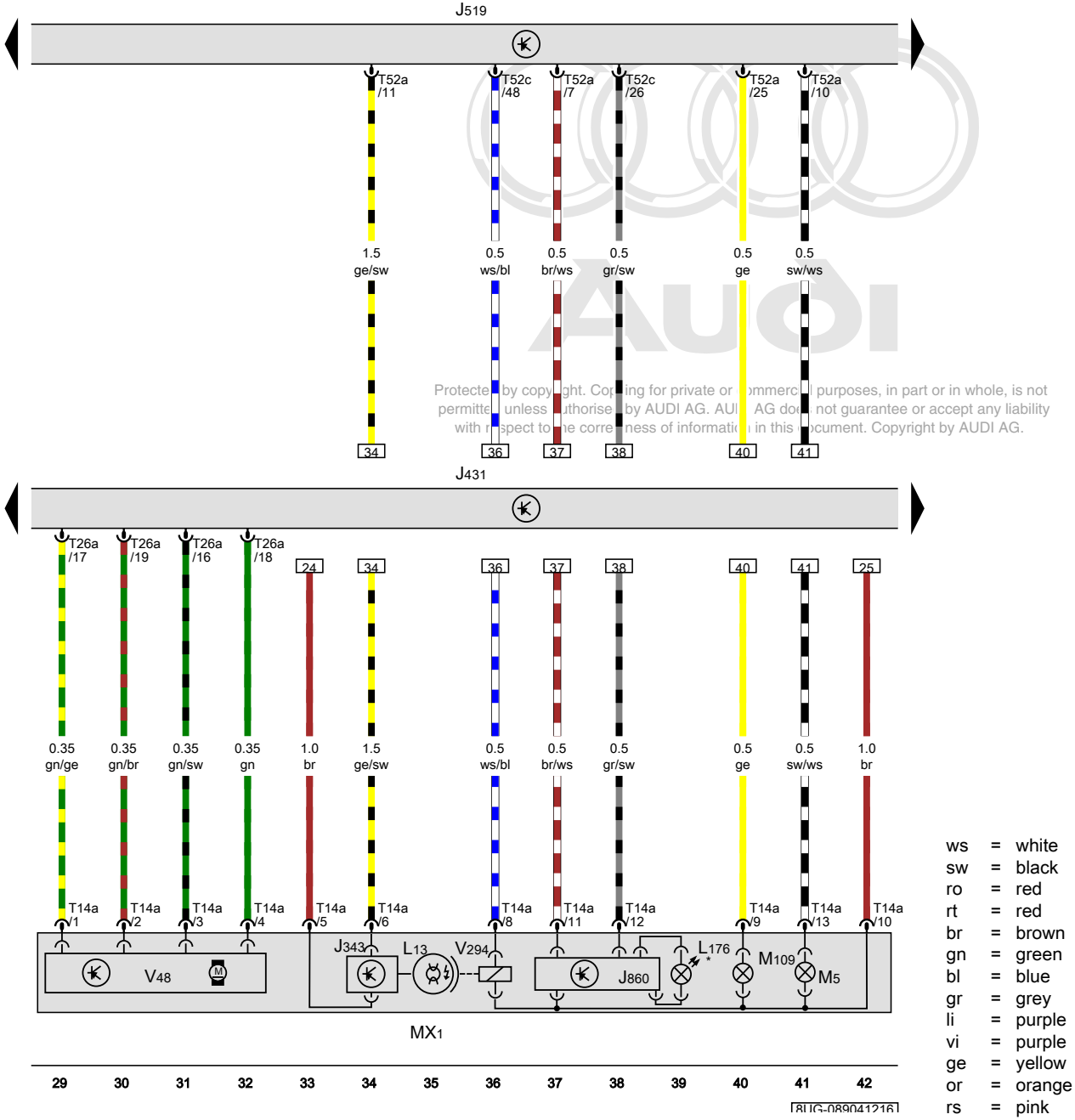
Rear left vehicle level sender, Headlight range control unit, Onboard supply control unit



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G76	Rear left vehicle level sender
J431	Headlight range control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T4bn	4-pin connector
T20	20-pin connector
T26a	26-pin connector
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
368	Earth connection 3, in main wiring harness
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
655	Earth point, on left headlight
656	Earth point, on right headlight
B278	Positive connection 2 (15a) 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
*	According to equipment

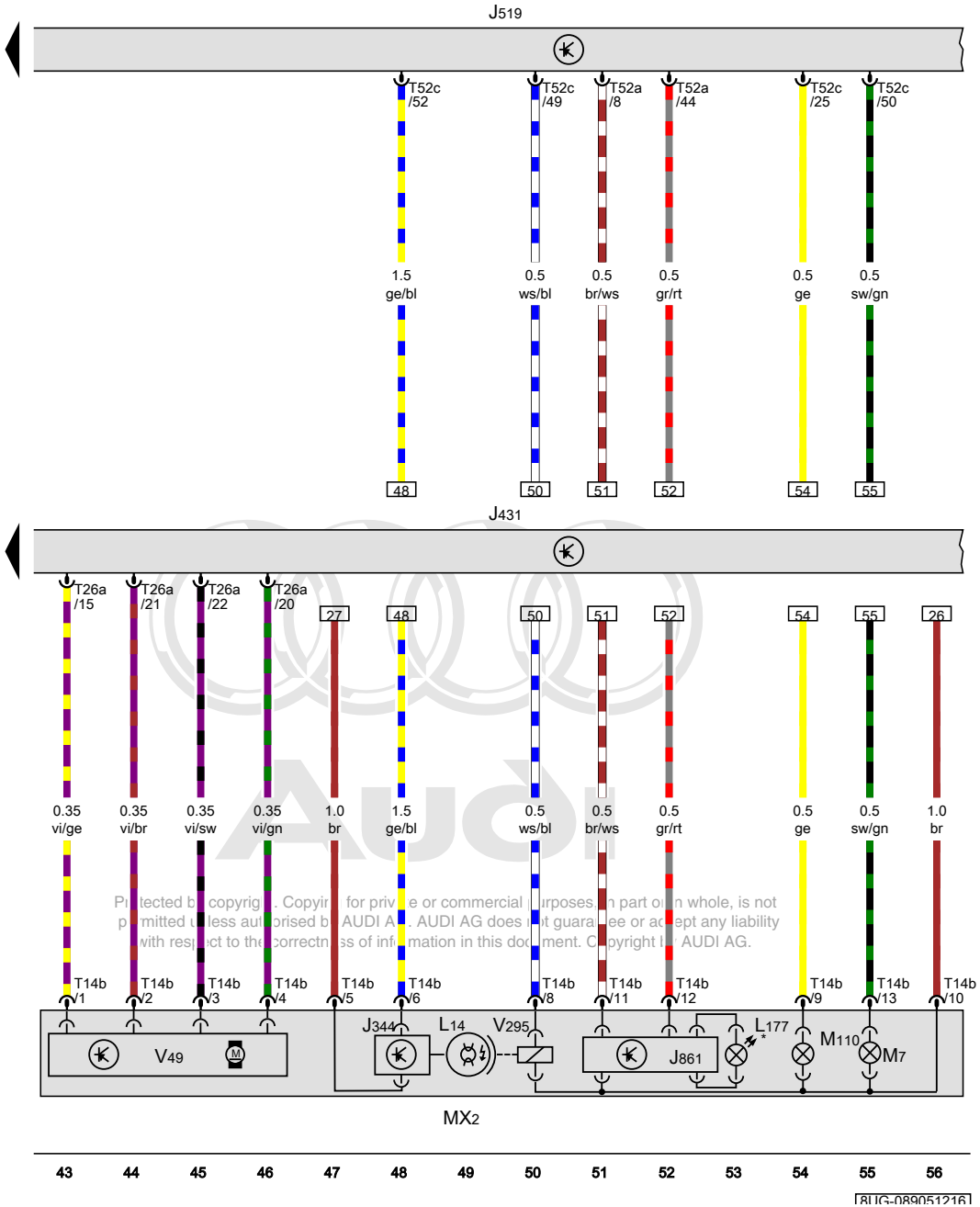


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Left gas discharge bulb control unit, Headlight range control unit, Onboard supply control unit, Left LED module for daytime running light and side light, Left headlight range control motor, Left dip beam screen motor

J343	Left gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
J860	Control unit for left daytime running light and side light
L13	Left gas discharge (xenon) bulb
L176	Left LED module for daytime running light and side light
MX1	Front left headlight
M5	Front left turn signal bulb
M109	Left all-weather light bulb
T14a	14-pin connector
T26a	26-pin connector
T52a	52-pin connector
T52c	52-pin connector
V48	Left headlight range control motor
V294	Left dip beam screen motor
*	Only models with daytime running lights

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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

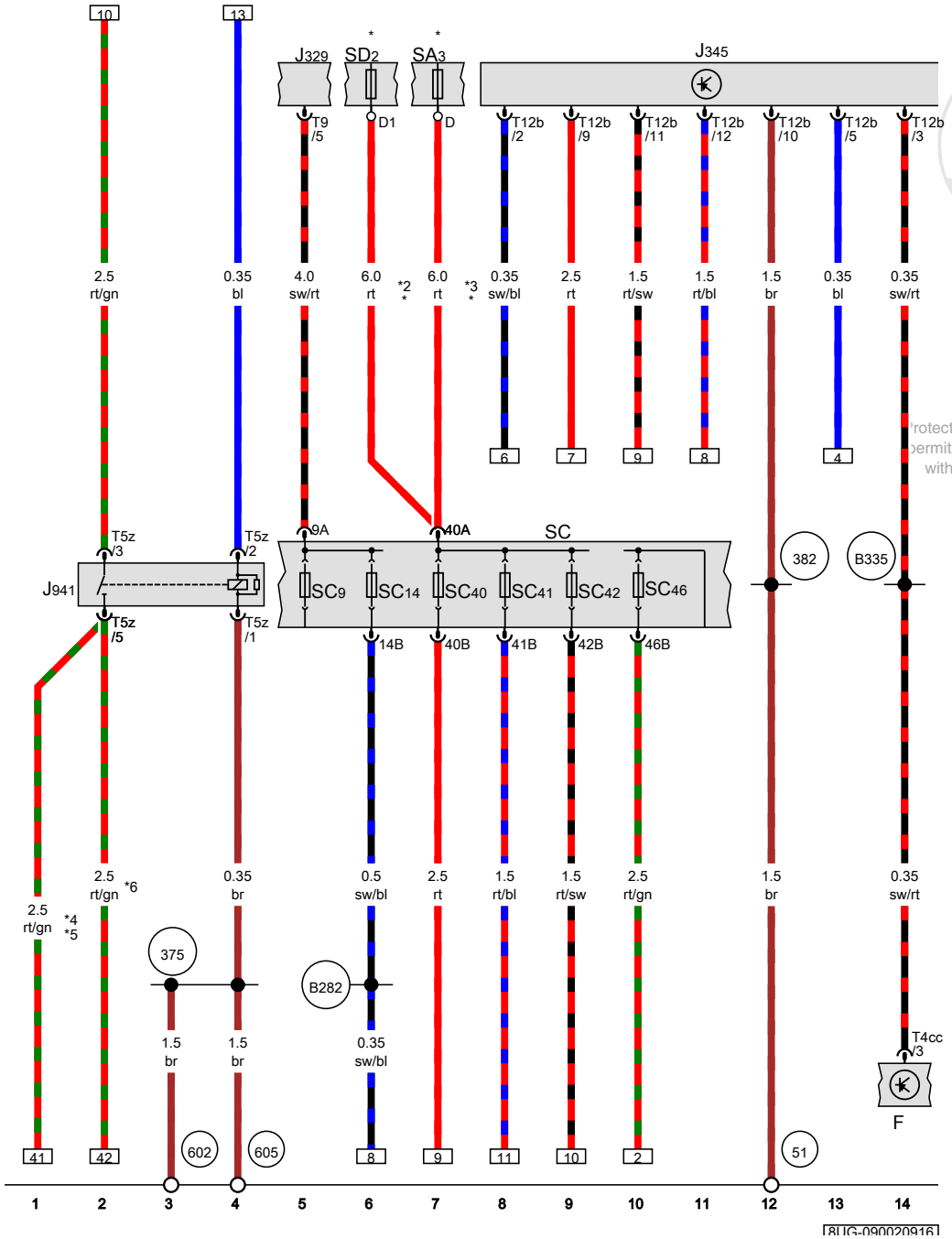
J344	Right gas discharge bulb control unit
J431	Headlight range control unit
J519	Onboard supply control unit
J861	Control unit for right daytime running light and side light
L14	Right gas discharge (xenon) bulb
L177	Right LED module for daytime running light and side light
MX2	Front right headlight
M7	Front right turn signal bulb
M110	Right all-weather light bulb
T14b	14-pin connector
T26a	26-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor
V295	Right dip beam screen motor
*	Only models with daytime running lights

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Trailer coupling , (1D4),(1D8),(GP2)

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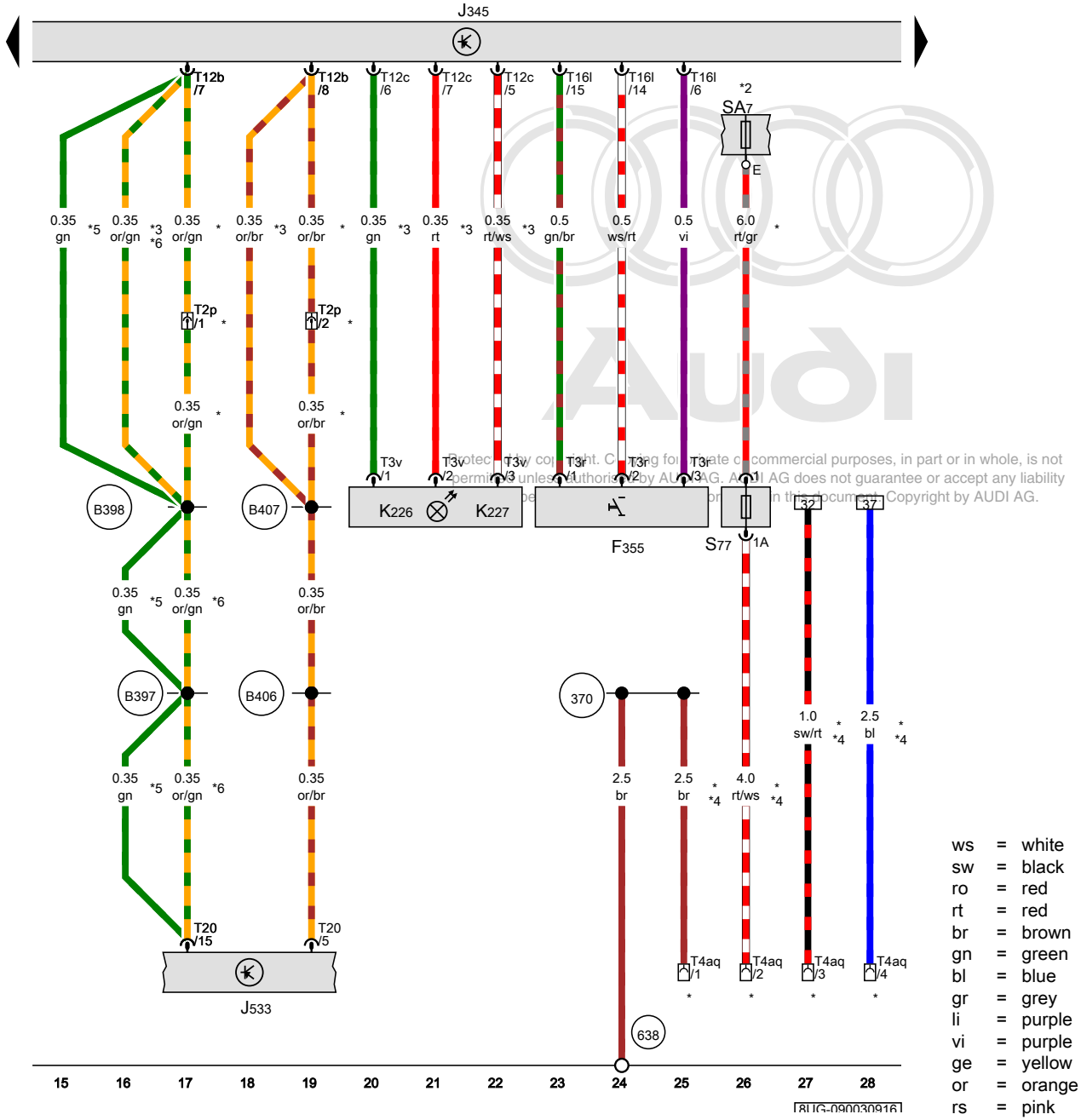


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Brake light switch, Trailer detector control unit, Trailer voltage supply relay

F	Brake light switch
J329	Terminal 15 voltage supply relay
J345	Trailer detector control unit
J941	Trailer voltage supply relay
SA3	Fuse 3 on fuse holder A
SC	Fuse holder C
SD2	Fuse 2 on fuse holder D
SC9	Fuse 9 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC46	Fuse 46 on fuse holder C
T4cc	4-pin connector
T5z	5-pin connector
T9	9-pin connector
T12b	12-pin connector
51	Earth point, on right in luggage compartment
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B282	Positive connection 6 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
*	see applicable current flow diagram
*2	Only models with battery in luggage compartment
*3	Only models with battery in engine compartment
*4	Wiring colour depends on equipment
*5	Only models for Australia
*6	Only models with preparation for trailer coupling

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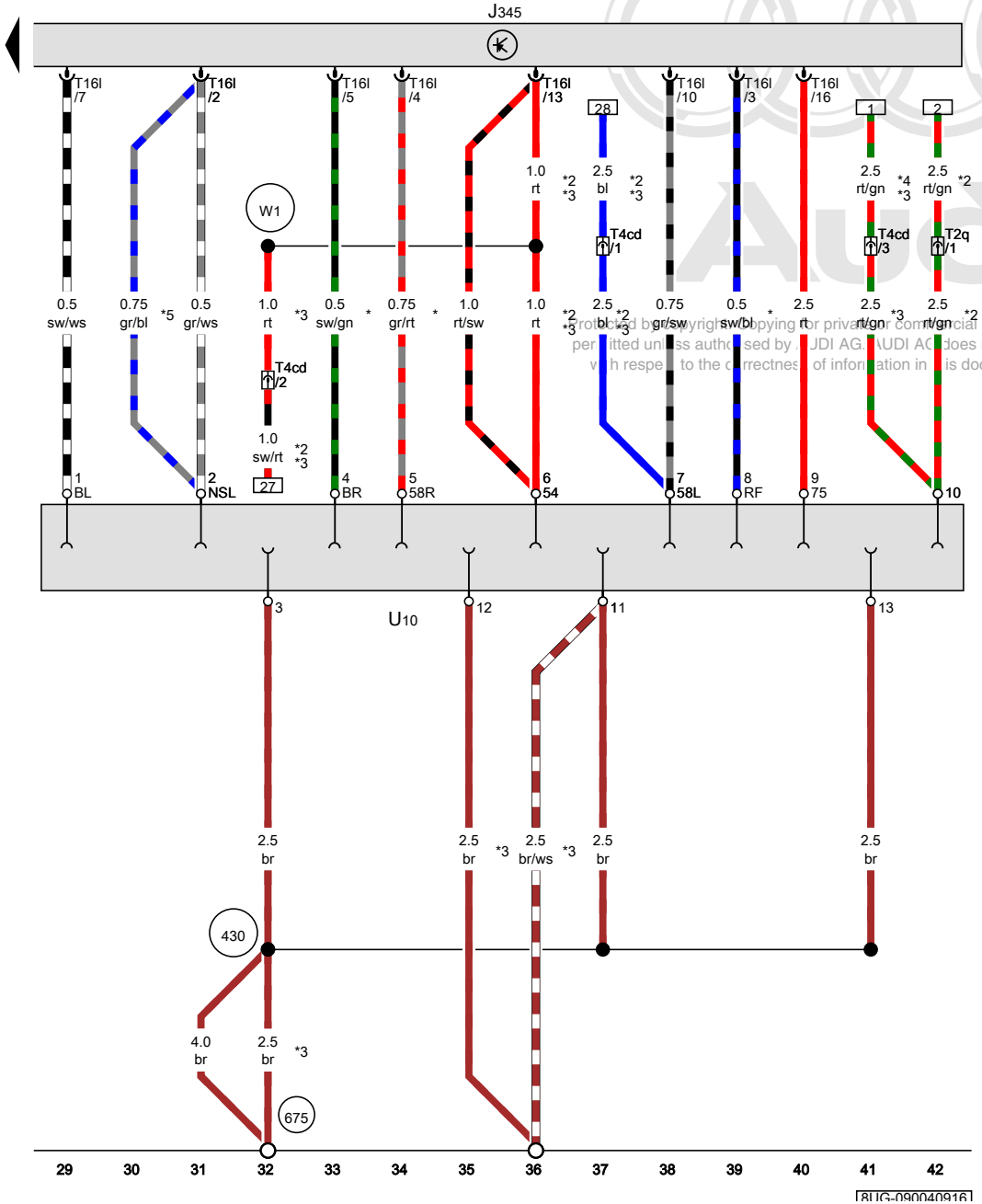


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vi = purple
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rs = pink

Contact switch on locking pin, Trailer detector control unit, Towing bracket locked warning lamp, Towing bracket released warning lamp, Terminal 30 fuse, trailer towing attachment

F355	Contact switch on locking pin
J345	Trailer detector control unit
J533	Data bus diagnostic interface
K226	Towing bracket locked warning lamp
K227	Towing bracket released warning lamp
SA7	Fuse 7 on fuse holder A
S77	Terminal 30 fuse, trailer towing attachment
T2p	2-pin connector
T3r	3-pin connector
T3v	3-pin connector
T4aq	4-pin connector
T12b	12-pin connector
T12c	12-pin connector
T16l	16-pin connector
T20	20-pin connector
370	Earth connection 5, in main wiring harness
638	Earth point, on right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	Only models with preparation for trailer coupling
*2	see applicable current flow diagram
*3	According to equipment
*4	Only models for Australia
*5	From November 2016
*6	Up to October 2016

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Trailer detector control unit, Trailer socket

J345	Trailer detector control unit
T2q	2-pin connector
T4cd	4-pin connector
T16l	16-pin connector
U10	Trailer socket
430	Earth connection, in towing bracket wiring harness
675	Earth point 2, on right in luggage compartment
W1	Positive connection 1 (54), in rear wiring harness
*	Cross section depends on equipment
*2	Only models with preparation for trailer coupling
*3	Only models for Australia
*4	Wiring colour depends on equipment
*5	According to equipment

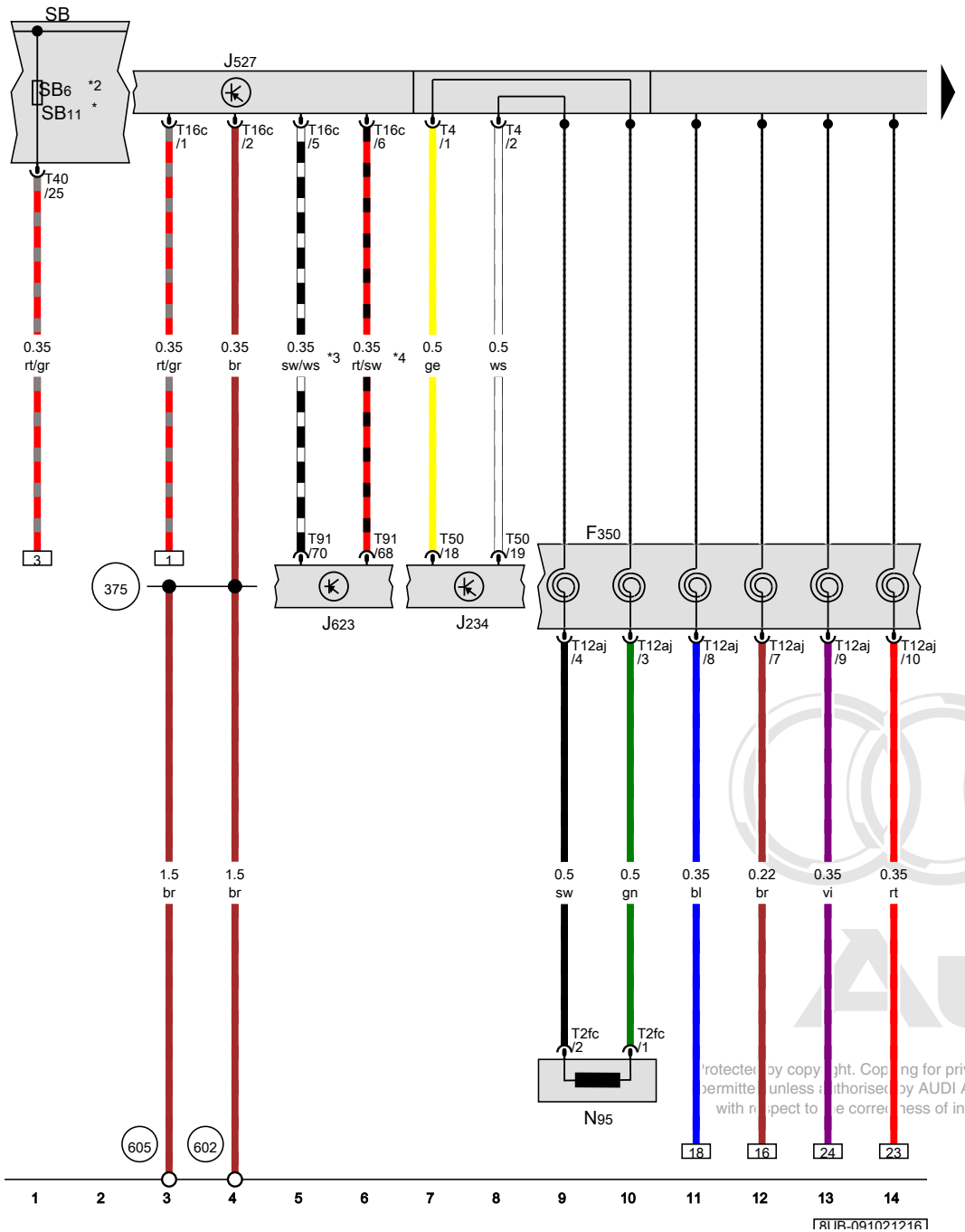
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Multifunction steering wheel , (2ZQ),(2ZS)

From August 2011

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Airbag control unit, Steering column electronics control unit

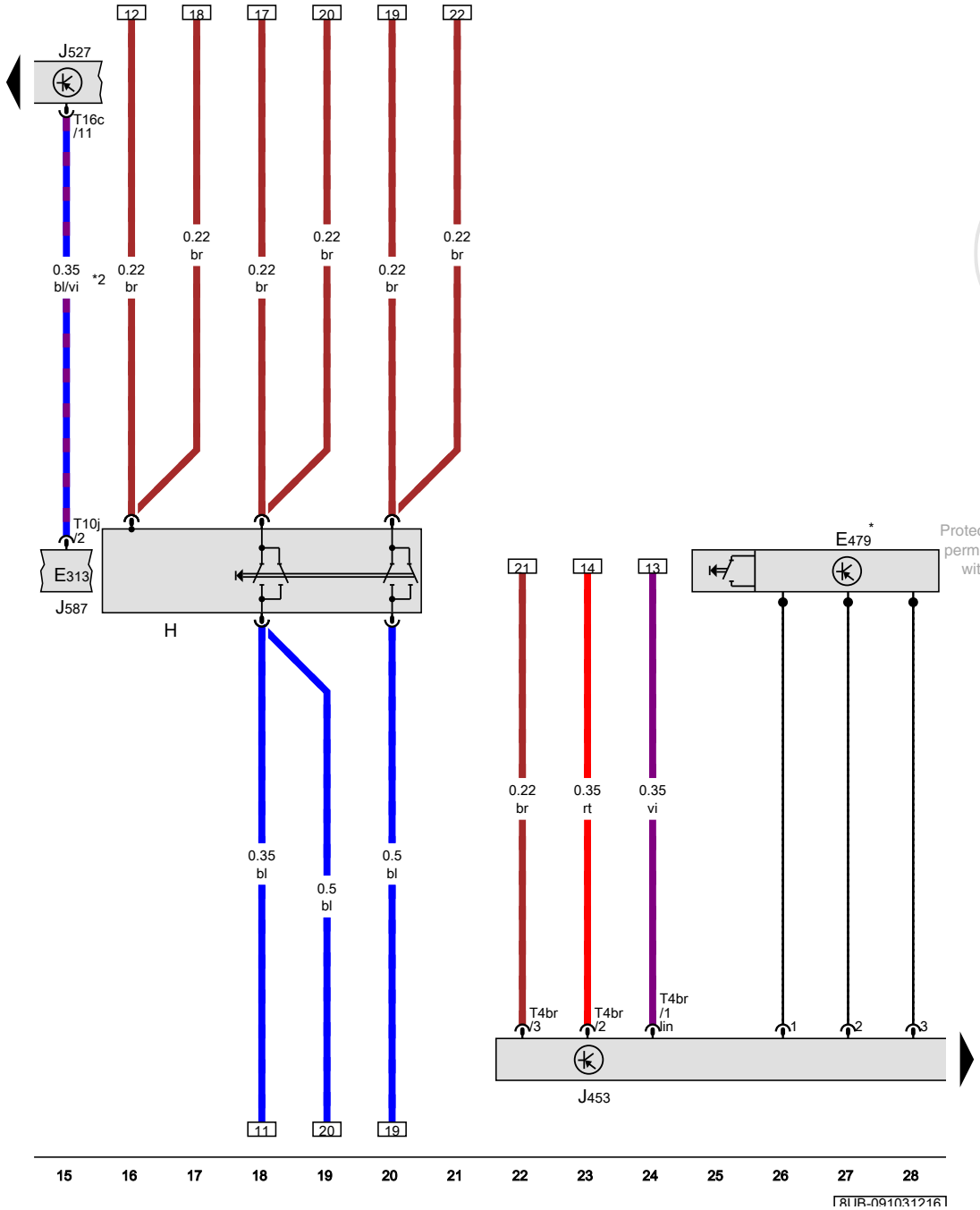
F350	Coil connector
J234	Airbag control unit
J527	Steering column electronics control unit
J623	Engine control unit
N95	Driver side airbag igniter
SB	Fuse holder B
SB6	Fuse 6 on fuse holder B
SB11	Fuse 11 on fuse holder B
T2fc	2-pin connector
T4	4-pin connector, yellow
T12aj	12-pin connector, black
T16c	16-pin connector, black
T40	40-pin connector, black
T50	50-pin connector, yellow
T91	91-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	From November 2012
*2	Up to October 2012
*3	Only models with cruise control system (CCS)
*4	Only models with no entry and start authorisation

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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Tiptronic switch (shift up), Horn plate, Multifunction steering wheel control unit, Steering column electronics control unit

E313	Selector lever
E479	Tiptronic switch (shift up)
H	Horn plate
J453	Multifunction steering wheel control unit, in steering wheel
J527	Steering column electronics control unit
J587	Selector lever sensors control unit
T4br	4-pin connector
T10j	10-pin connector, black
T16c	16-pin connector, black
*	Only models with Tiptronic
*2	see applicable current flow diagram for automatic gearbox



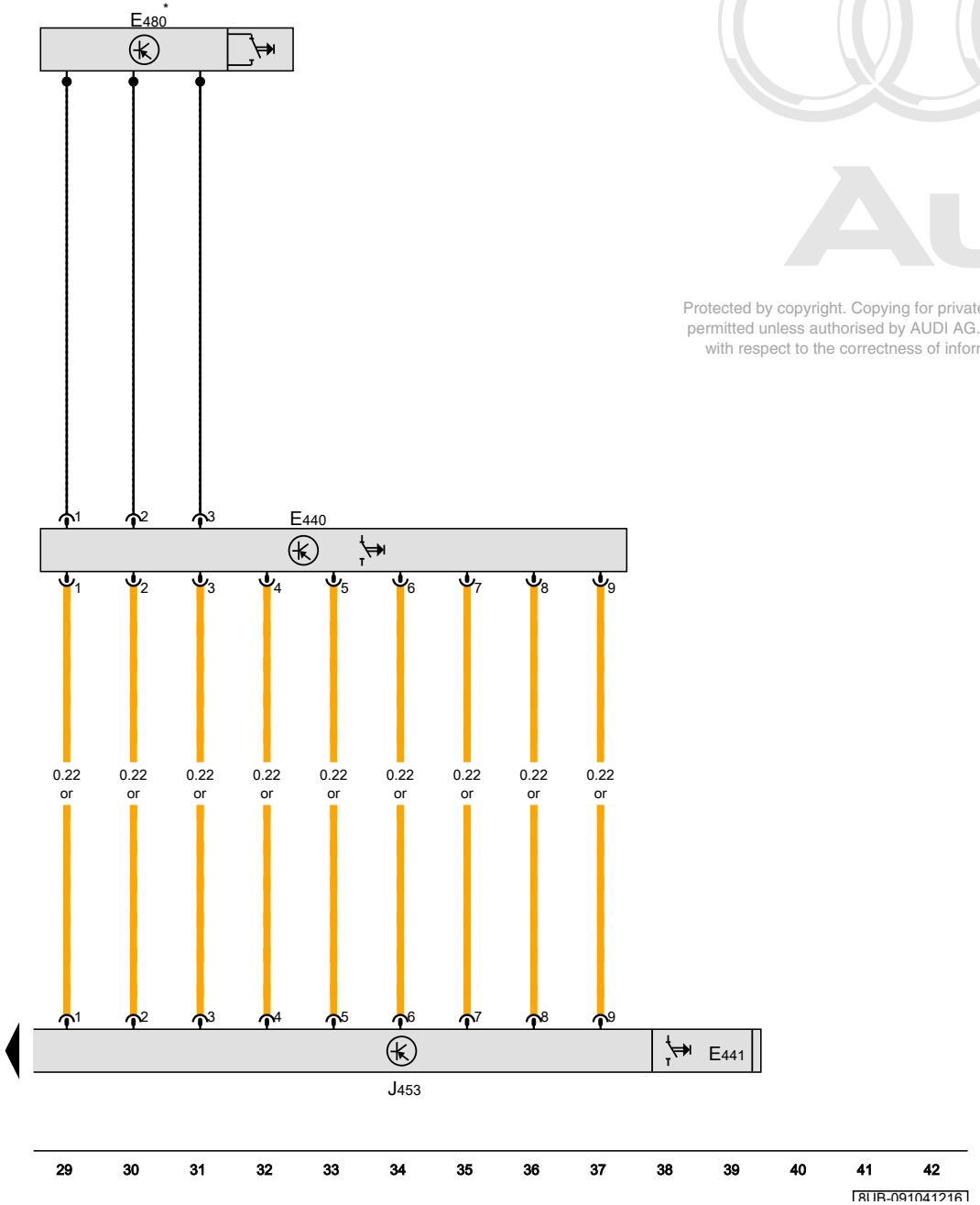
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Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift down), Multifunction steering wheel control unit

E440	Multifunction buttons on left in steering wheel
E441	Multifunction buttons on right in steering wheel
E480	Tiptronic switch (shift down)
J453	Multifunction steering wheel control unit, in steering wheel
*	Only models with Tiptronic

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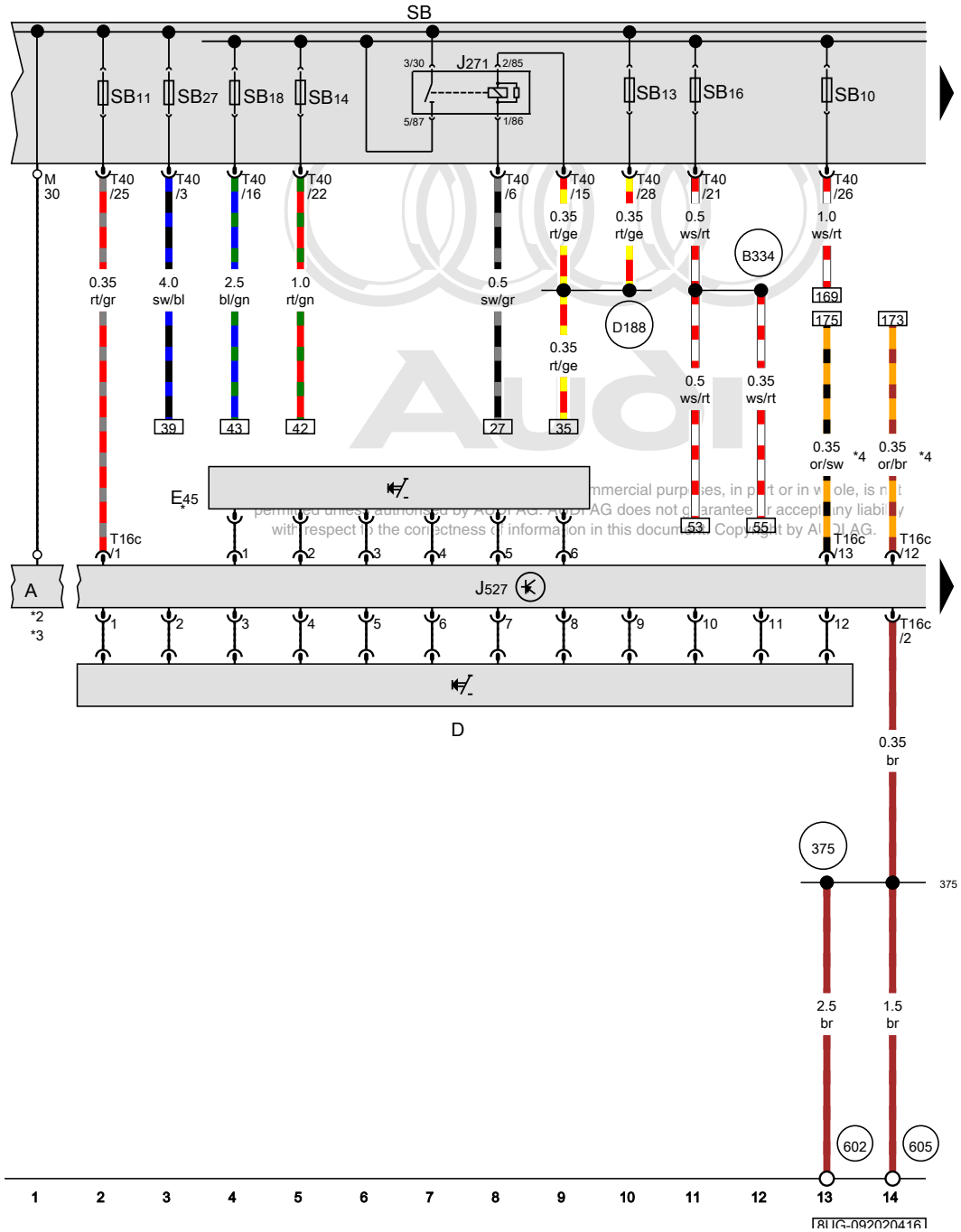


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2.5l petrol engine , CZGA,CZGB

From November 2014

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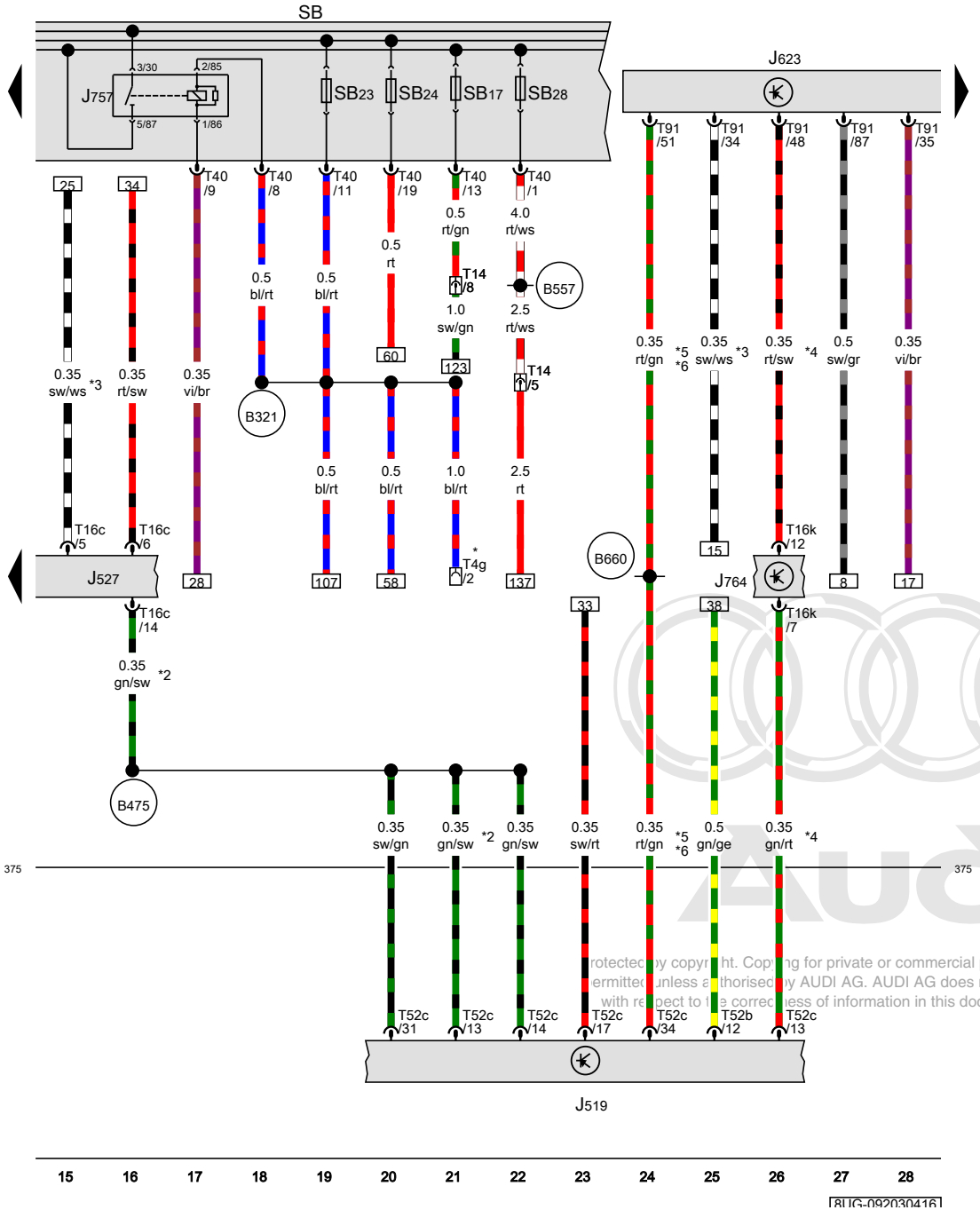


Ignition/starter switch, Cruise control system switch, Main relay, Steering column electronics control unit

A	Battery
D	Ignition/starter switch
E45	Cruise control system switch
J271	Main relay
J527	Steering column electronics control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB11	Fuse 11 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB27	Fuse 27 on fuse holder B
T16c	16-pin connector
T40	40-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B334	Positive connection 20 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	Only models with cruise control system (CCS)
*2	see applicable current flow diagram
*3	Only models with battery in luggage compartment
*4	Only left-hand drive models

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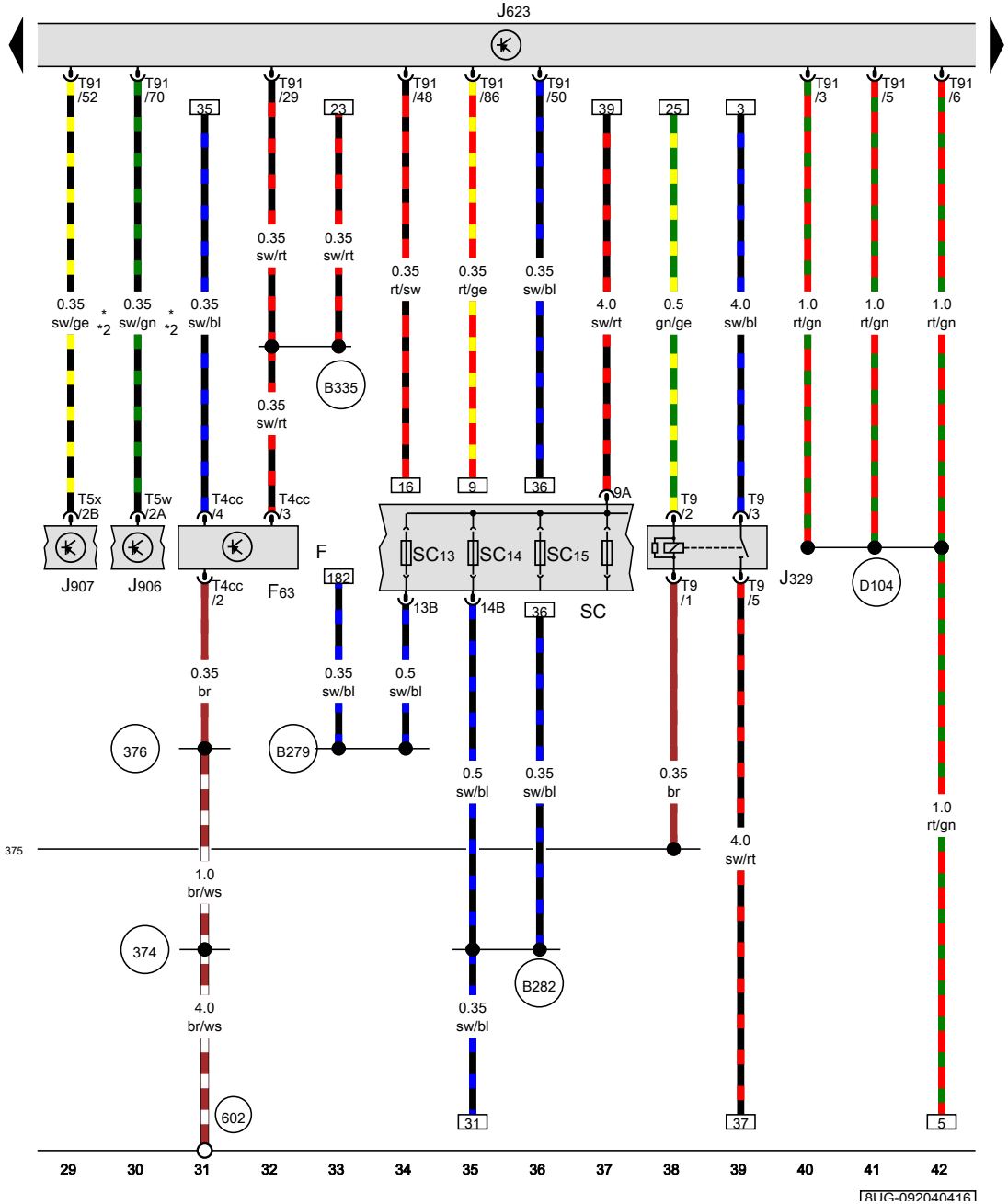


Onboard supply control unit, Steering column electronics control unit, Engine control unit

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J757	Engine component current supply relay
J764	Control unit for electronic steering column lock
SB	Fuse holder B
SB17	Fuse 17 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB28	Fuse 28 on fuse holder B
T4g	4-pin connector
T14	14-pin connector
T16c	16-pin connector
T16k	16-pin connector
T40	40-pin connector
T52b	52-pin connector
T52c	52-pin connector
T91	91-pin connector
375	Earth connection 10, in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
B475	Connection 11, in main wiring harness
B557	Positive connection 21 (30a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
*	Radiator fan connection
*2	Only models with no entry and start authorisation
*3	Only models with cruise control system (CCS)
*4	Only models with entry and start authorisation
*5	Only models with battery in luggage compartment
*6	see applicable current flow diagram

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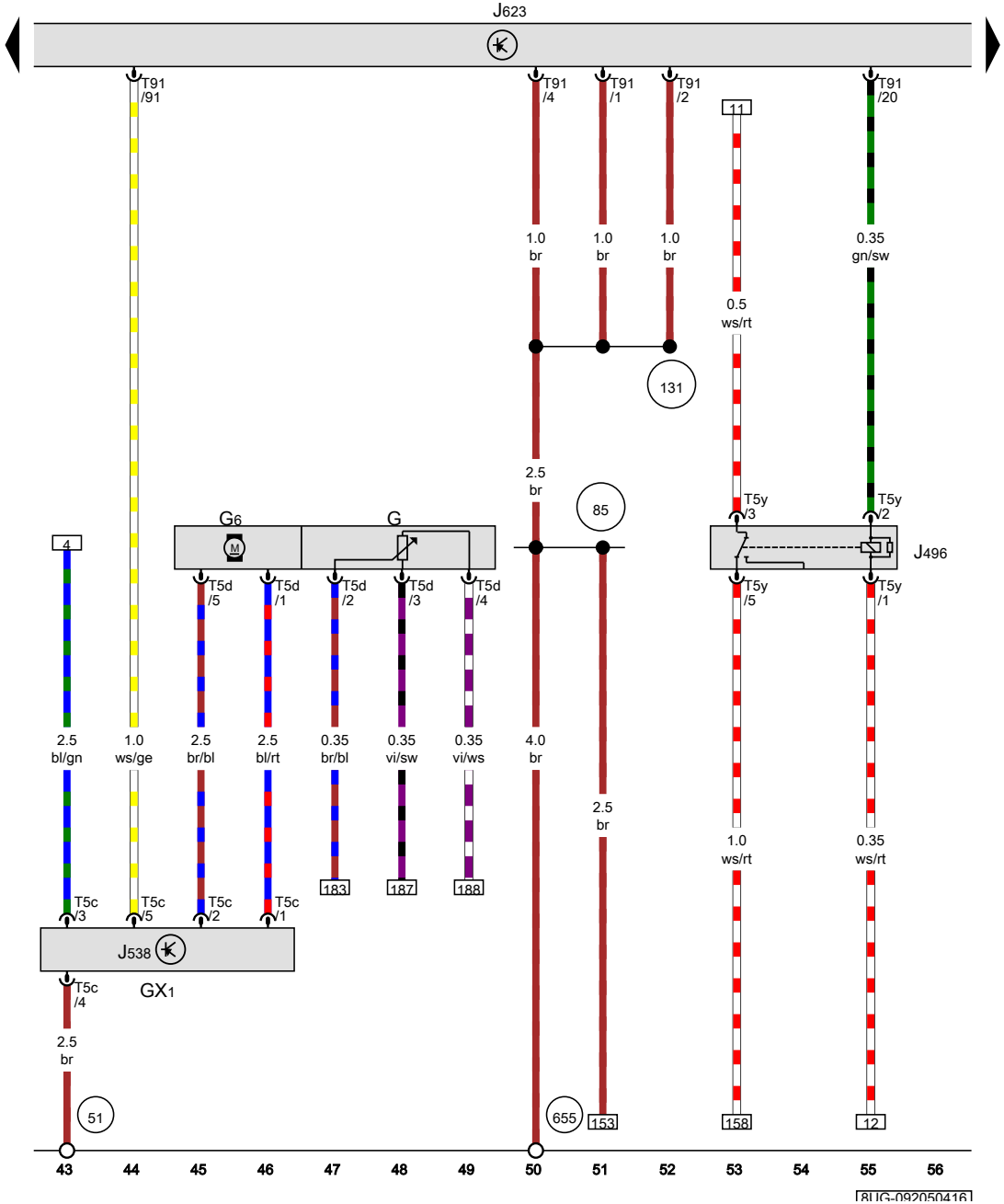


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Brake pedal switch, Terminal 15 voltage supply relay, Engine control unit

F	Brake light switch
F63	Brake pedal switch
J329	Terminal 15 voltage supply relay
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC15	Fuse 15 on fuse holder C
T4cc	4-pin connector
T5w	5-pin connector
T5x	5-pin connector
T9	9-pin connector
T91	91-pin connector
374	Earth connection 9, in main wiring harness
375	Earth connection 10, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B335	Connection 1 (54), in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with battery in luggage compartment
*2	see applicable current flow diagram

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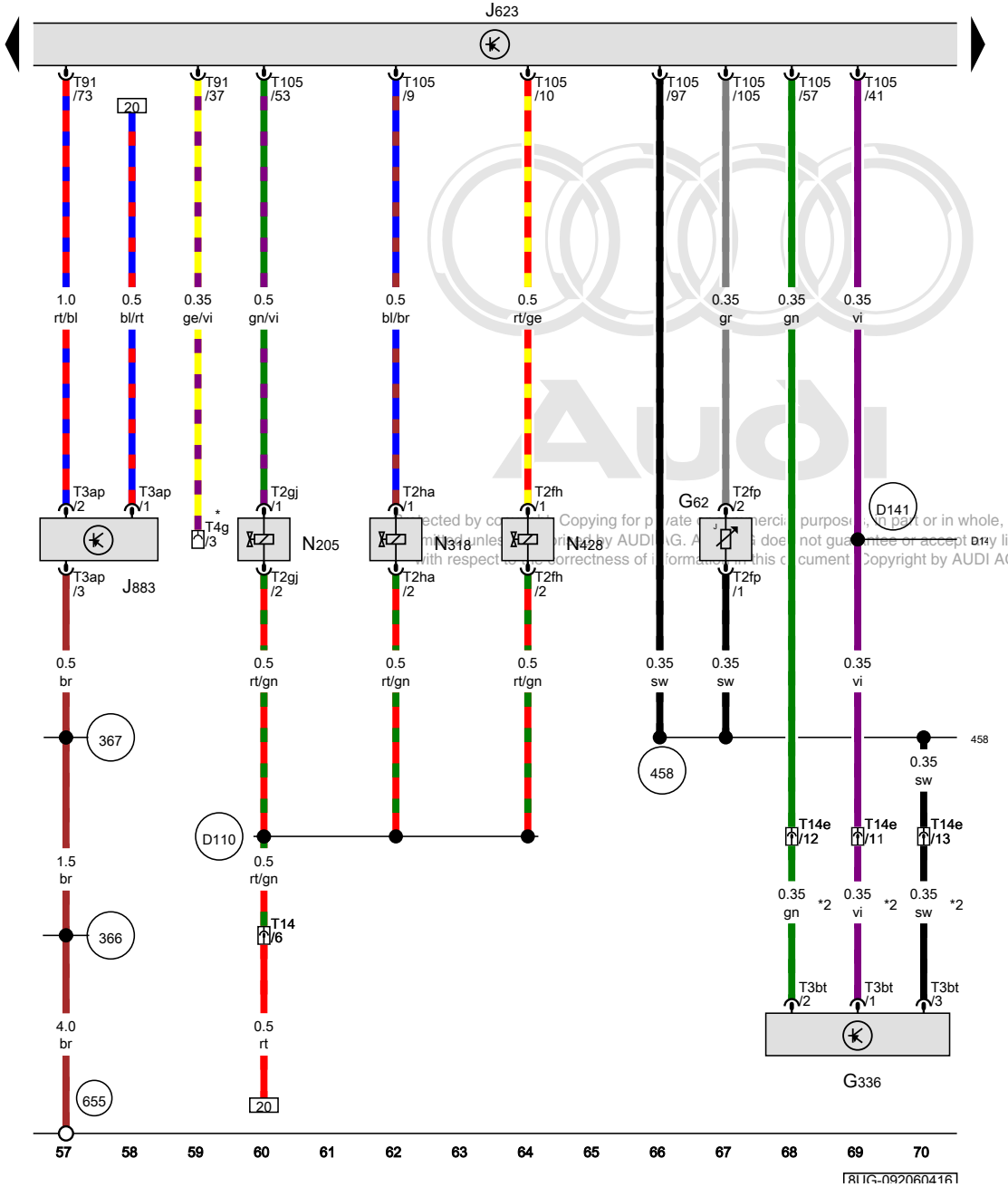


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Additional coolant pump relay, Engine control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J496	Additional coolant pump relay
J538	Fuel pump control unit
J623	Engine control unit
T5c	5-pin connector
T5d	5-pin connector
T5y	5-pin connector
T91	91-pin connector
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
655	Earth point, on left headlight

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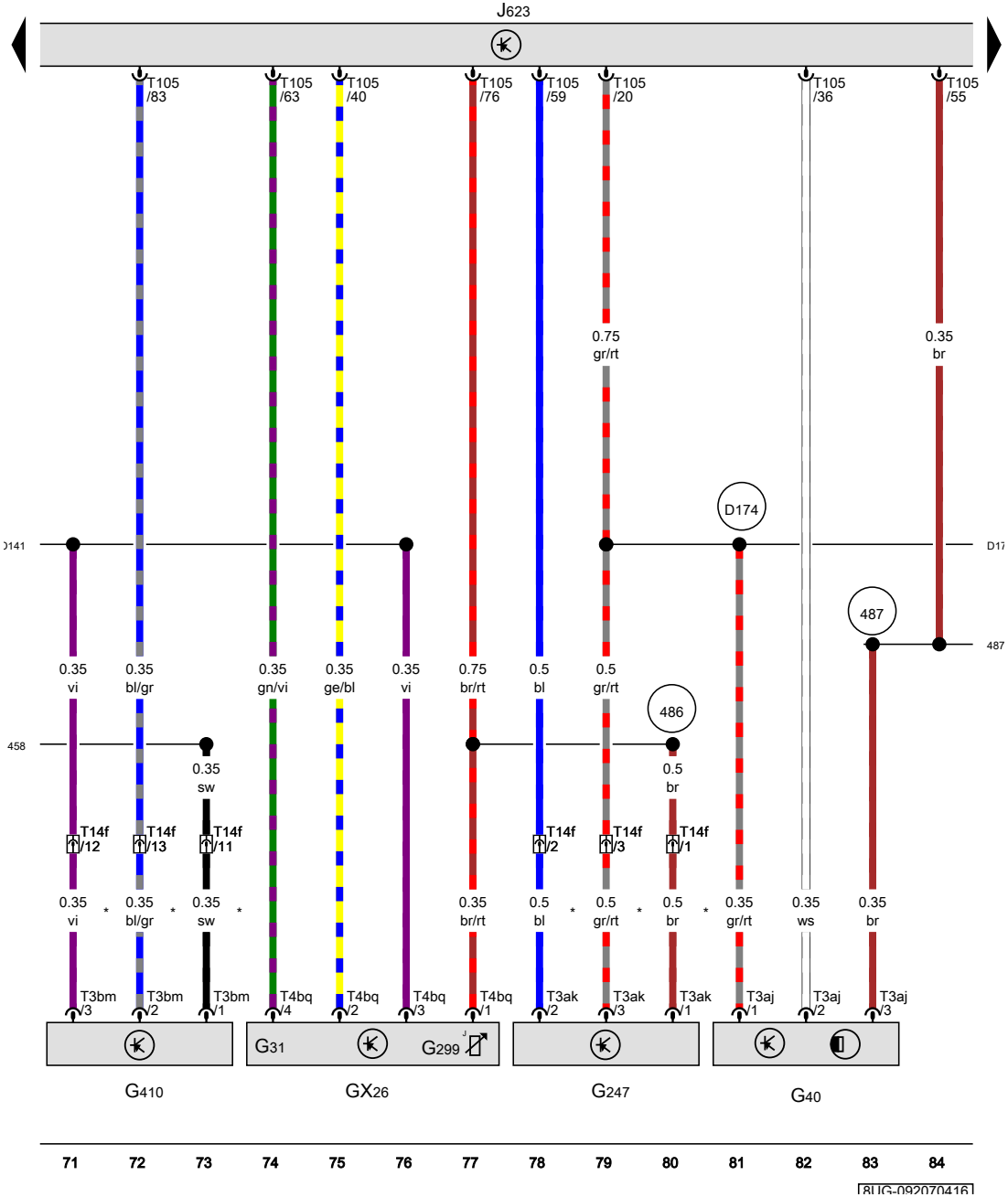


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Coolant temperature sender, Intake manifold flap potentiometer, Engine control unit, Exhaust flap control unit, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

G62	Coolant temperature sender
G336	Intake manifold flap potentiometer
J623	Engine control unit
J883	Exhaust flap control unit
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
T2fh	2-pin connector
T2fp	2-pin connector
T2gj	2-pin connector
T2ha	2-pin connector
T3ap	3-pin connector
T3bt	3-pin connector
T4g	4-pin connector
T14	14-pin connector
T14e	14-pin connector
T91	91-pin connector
T105	105-pin connector
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
458	Earth point 3, engine prewiring harness
655	Earth point, on left headlight
D110	Connection 8 in engine compartment wiring harness
D141	Connection (5V) in engine prewiring harness
*	Radiator fan connection
*2	Wiring colour depends on equipment

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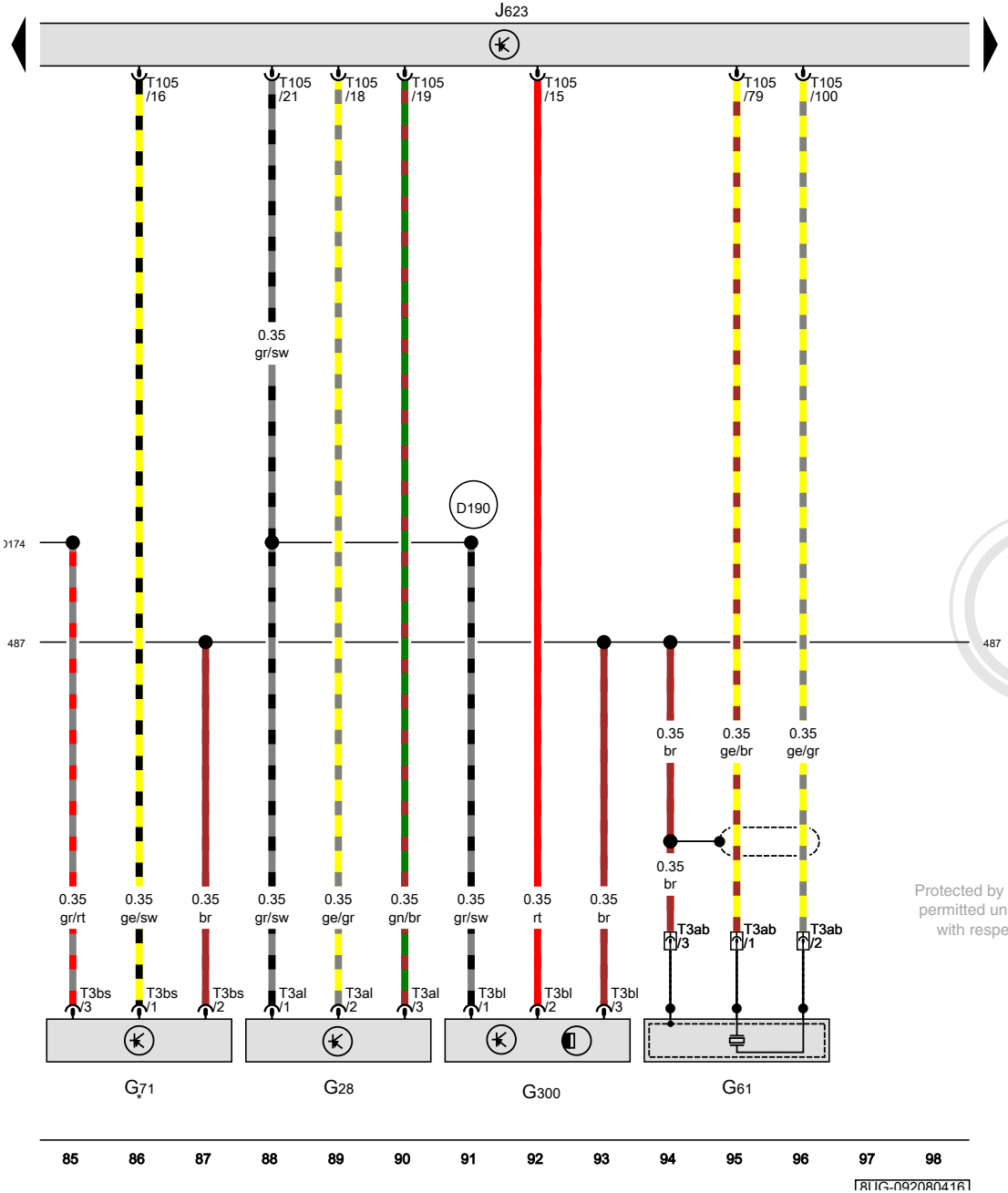
Charge pressure sender, Charge pressure sender, Hall sender, Fuel pressure sender, Intake air temperature sender 2, Engine control unit

GX26	Charge pressure sender
G31	Charge pressure sender
G40	Hall sender
G247	Fuel pressure sender
G299	Intake air temperature sender 2
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T3aj	3-pin connector
T3ak	3-pin connector
T3bm	3-pin connector
T4bq	4-pin connector
T14f	14-pin connector
T105	105-pin connector

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458	Earth point 3, engine prewiring harness
486	Earth point 4, engine prewiring harness
487	Earth point 5, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
*	Wiring colour depends on equipment

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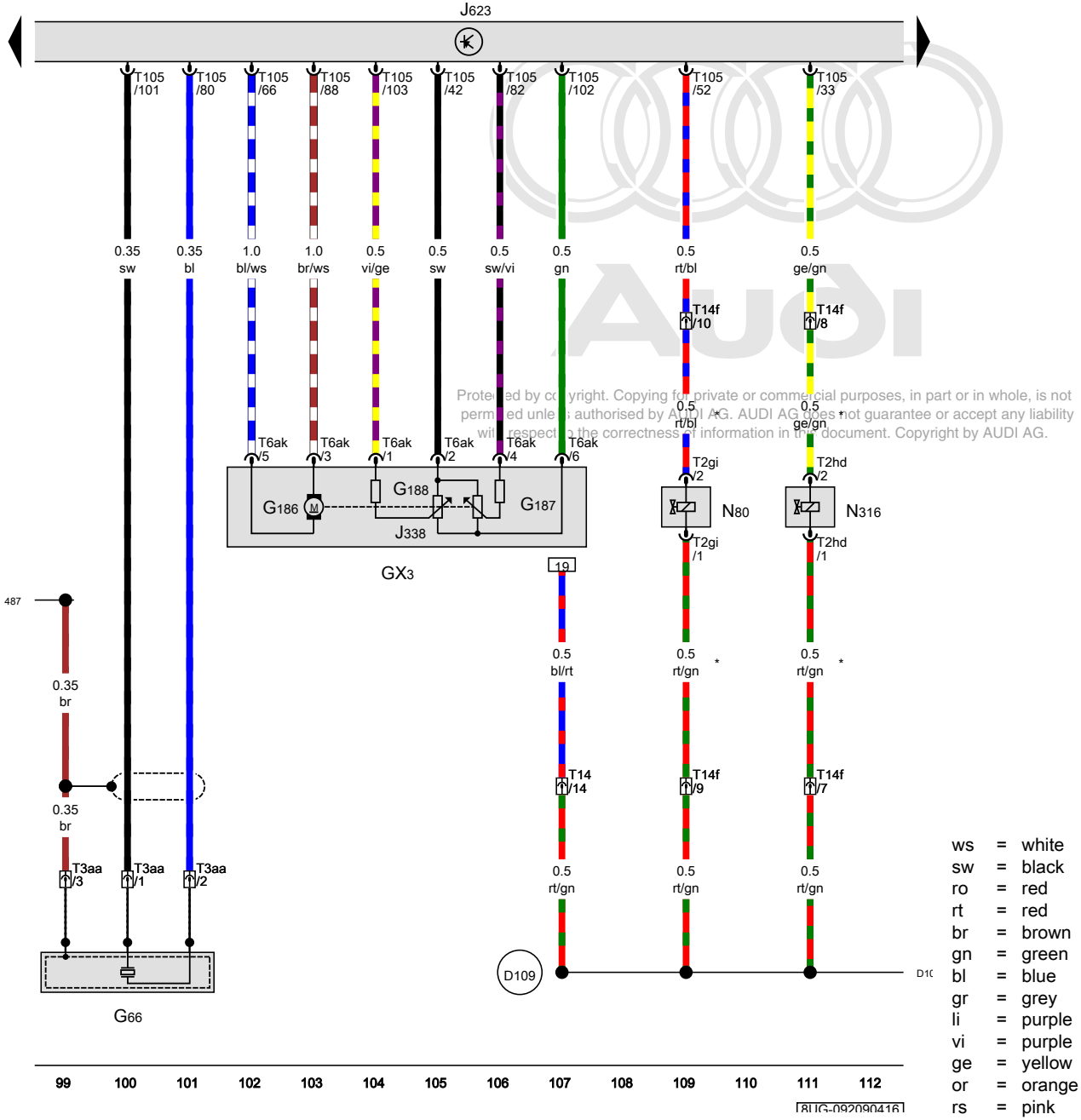


Hall sender 3, Engine control unit

G28	Engine speed sender
G61	Knock sensor 1
G71	Intake manifold pressure sender
G300	Hall sender 3
J623	Engine control unit
T3ab	3-pin connector
T3al	3-pin connector
T3bl	3-pin connector
T3bs	3-pin connector
T105	105-pin connector
487	Earth point 5, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D190	Connection 3 (5V) in engine prewiring harness
*	From November 2014

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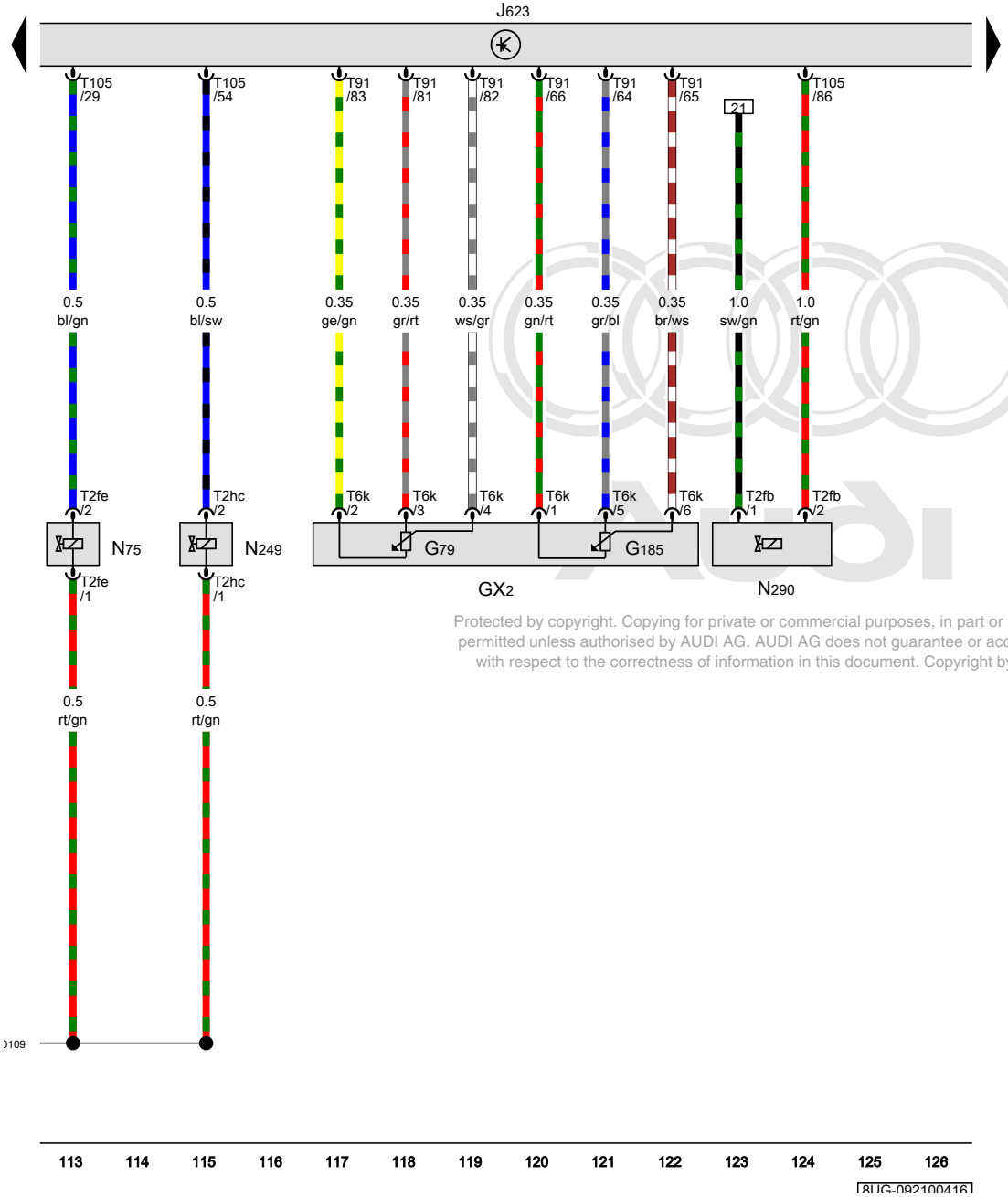


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Throttle valve module, Throttle valve module, Engine control unit, Activated charcoal filter solenoid valve 1, Intake manifold flap valve

GX3	Throttle valve module
G66	Knock sensor 2
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N316	Intake manifold flap valve
T2gi	2-pin connector
T2hd	2-pin connector
T3aa	3-pin connector
T6ak	6-pin connector
T14	14-pin connector
T14f	14-pin connector
T105	105-pin connector
487	Earth point 5, engine prewiring harness
D109	Connection 7 in engine compartment wiring harness
*	Wiring colour depends on equipment

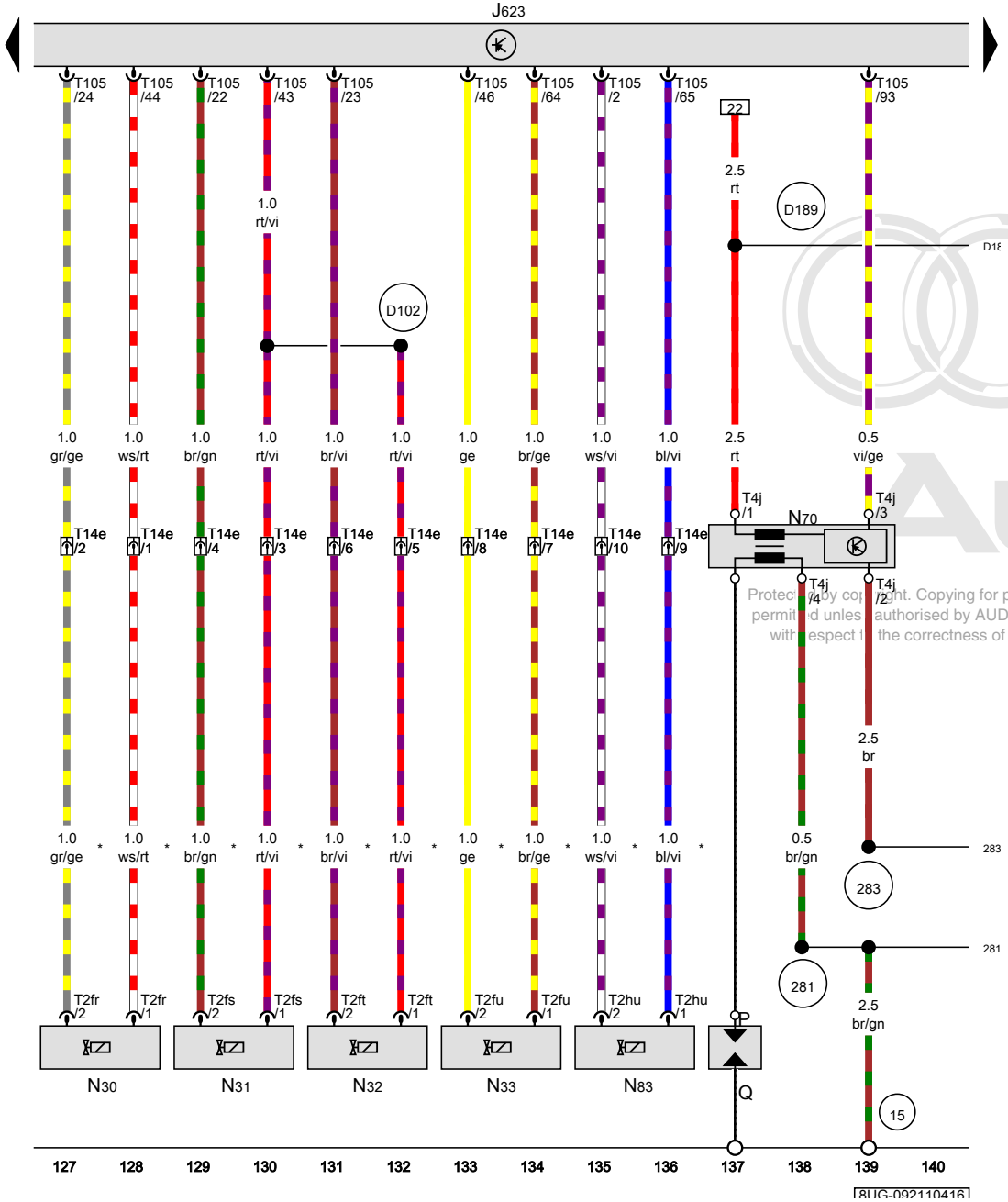


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Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure control solenoid valve, Turbocharger air recirculation valve, Fuel metering valve

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
N75	Charge pressure control solenoid valve
N249	Turbocharger air recirculation valve
N290	Fuel metering valve
T2fb	2-pin connector
T2fe	2-pin connector
T2hc	2-pin connector
T6k	6-pin connector
T91	91-pin connector
T105	105-pin connector
D109	Connection 7 in engine compartment wiring harness

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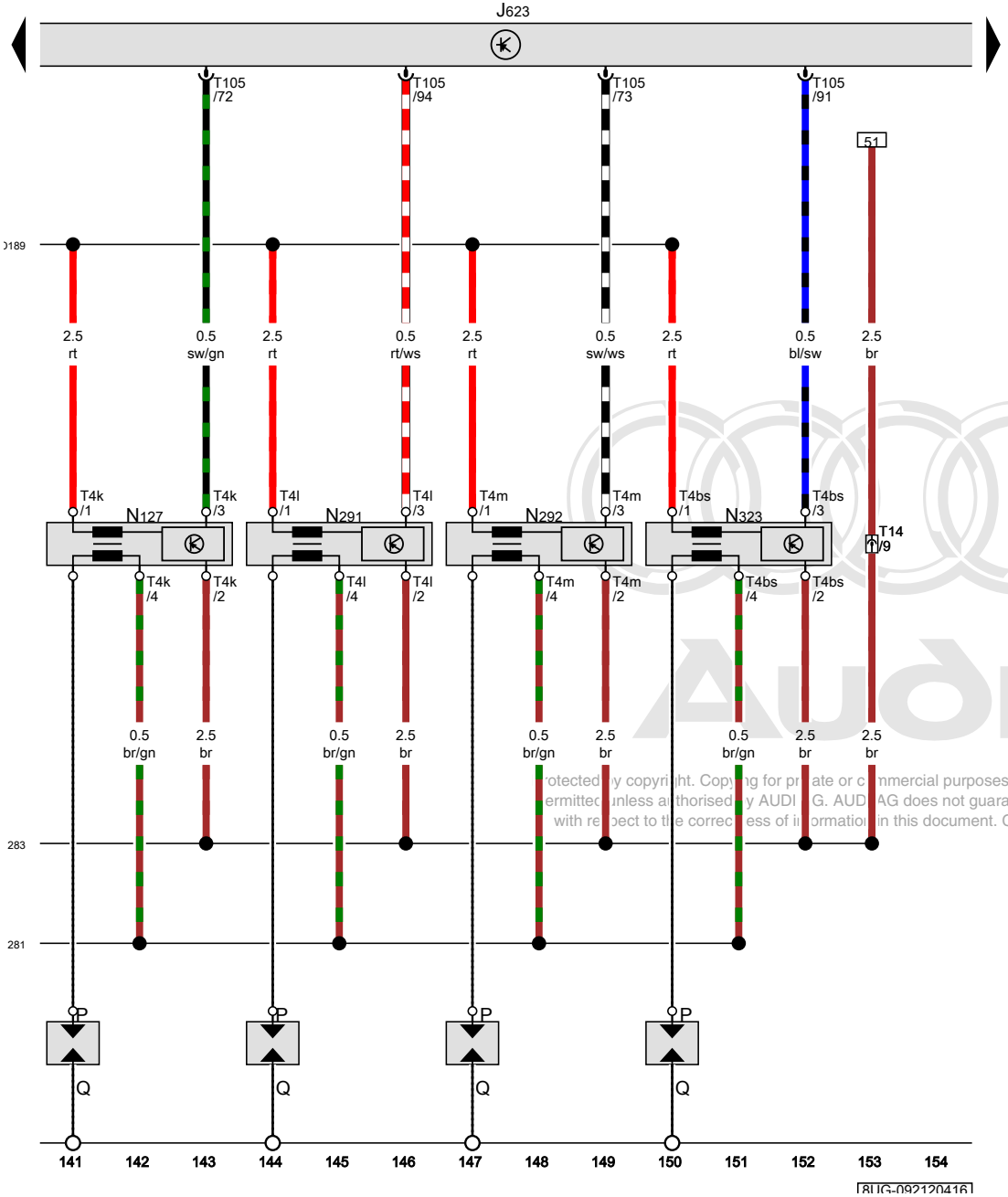


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Ignition coil 1 with output stage, Injector, cylinder 5

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N70	Ignition coil 1 with output stage
N83	Injector, cylinder 5
P	Spark plug connector
Q	Spark plugs
T2fr	2-pin connector
T2fs	2-pin connector
T2ft	2-pin connector
T2fu	2-pin connector
T2hu	2-pin connector
T4j	4-pin connector
T14e	14-pin connector
T105	105-pin connector
15	Earth point, on cylinder head
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D102	Connection 2 in engine compartment wiring harness
D189	Connection (87a) in engine prewiring harness
*	Wiring colour depends on equipment

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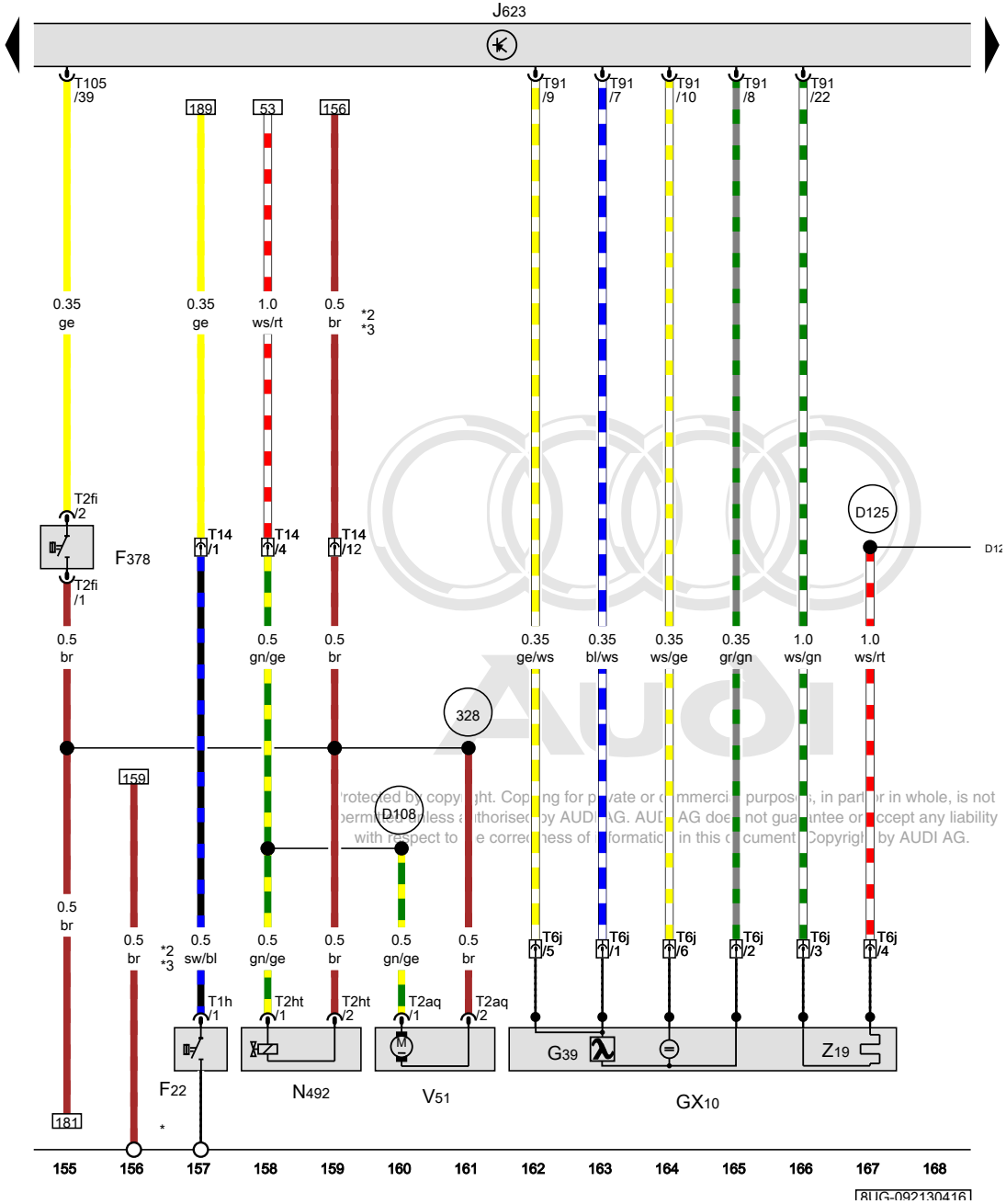


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Engine control unit, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Ignition coil 5 with output stage

J623	Engine control unit
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
P	Spark plug connector
Q	Spark plugs
T4bs	4-pin connector
T4k	4-pin connector
T4l	4-pin connector
T4m	4-pin connector
T14	14-pin connector
T105	105-pin connector
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D189	Connection (87a) in engine prewiring harness

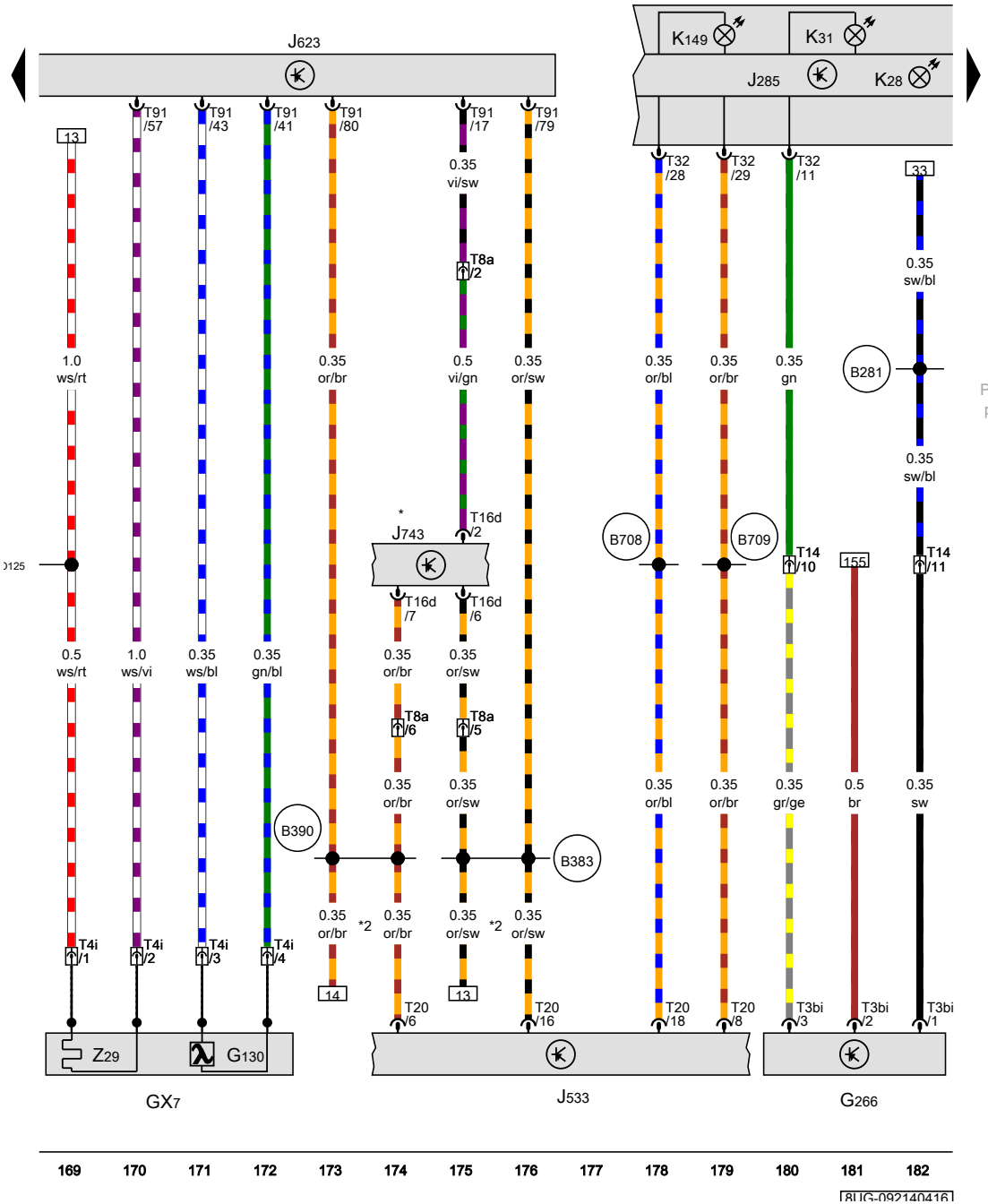


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe 1 before catalytic converter, Lambda probe, Engine control unit, Solenoid for coolant circuit, Continued coolant circulation pump, Lambda probe heater

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
J623	Engine control unit
N492	Solenoid for coolant circuit
T1h	Single connector
T2aq	2-pin connector
T2fi	2-pin connector
T2ht	2-pin connector
T6j	6-pin connector, on Lambda probe before catalytic converter
T14	14-pin connector
T91	91-pin connector
T105	105-pin connector
V51	Continued coolant circulation pump
Z19	Lambda probe heater
328	Earth connection 2 (sender earth), in engine compartment wiring harness
D108	Connection 6 in engine compartment wiring harness
D125	Connection 23 in engine compartment wiring harness
*	According to equipment
*2	Wiring colour depends on equipment
*3	Cross section depends on equipment

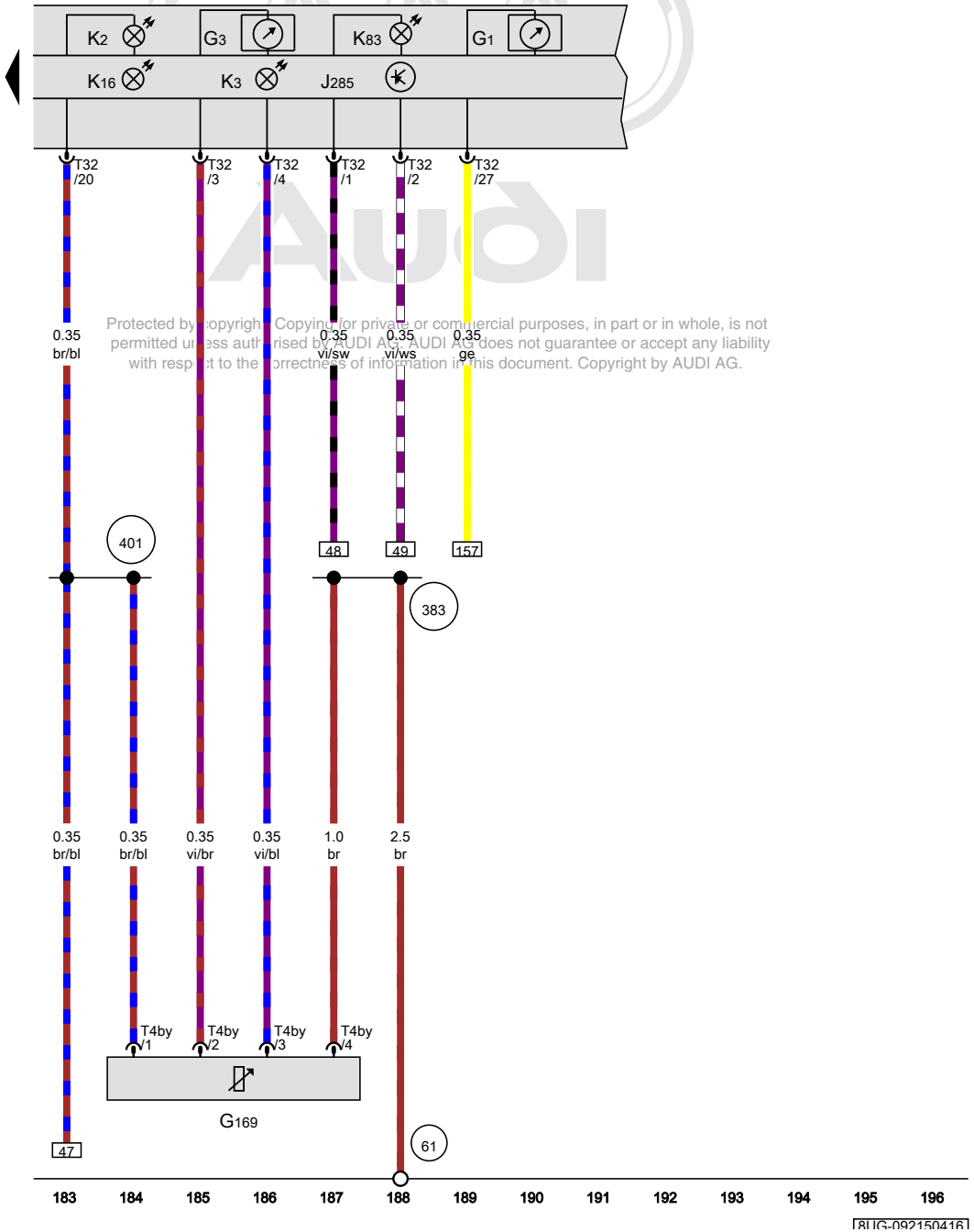


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Lambda probe 1 after catalytic converter, Lambda probe after catalytic converter, Oil level and oil temperature sender, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

GX7	Lambda probe 1 after catalytic converter
G130	Lambda probe after catalytic converter
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T3bi	3-pin connector
T4i	4-pin connector
T8a	8-pin connector
T14	14-pin connector
T16d	16-pin connector
T20	20-pin connector
T32	32-pin connector
T91	91-pin connector
Z29	Lambda probe 1 heater after catalytic converter
B281	Positive connection 5 (15a) in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
D125	Connection 23 in engine compartment wiring harness
*	see applicable current flow diagram for dual clutch gearbox
*2	Only left-hand drive models

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Control unit in dash panel insert

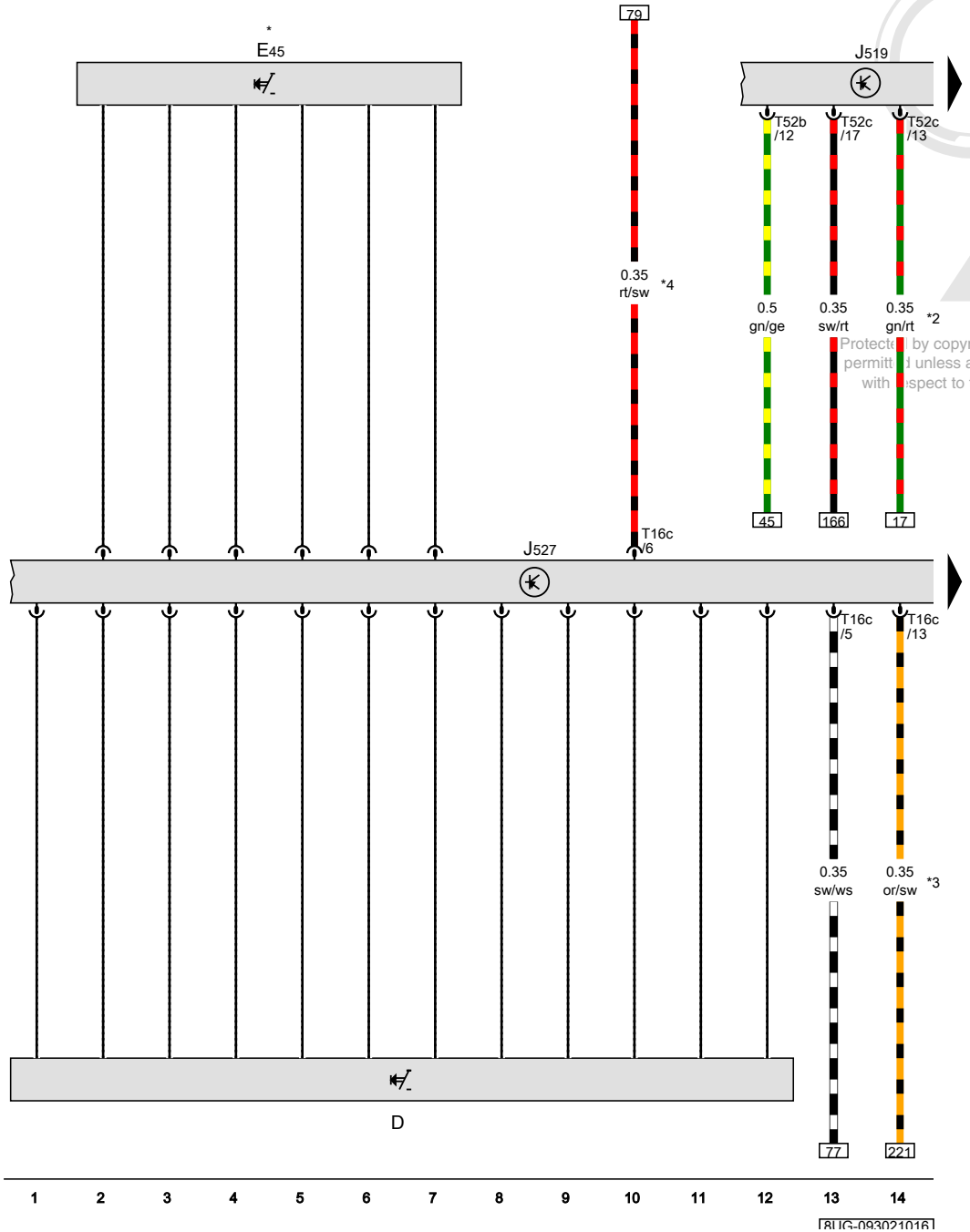
G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K83	Exhaust emissions warning lamp
T4by	4-pin connector
T32	32-pin connector
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness

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2.0l diesel engine , CYLA,DBBA

From April 2015

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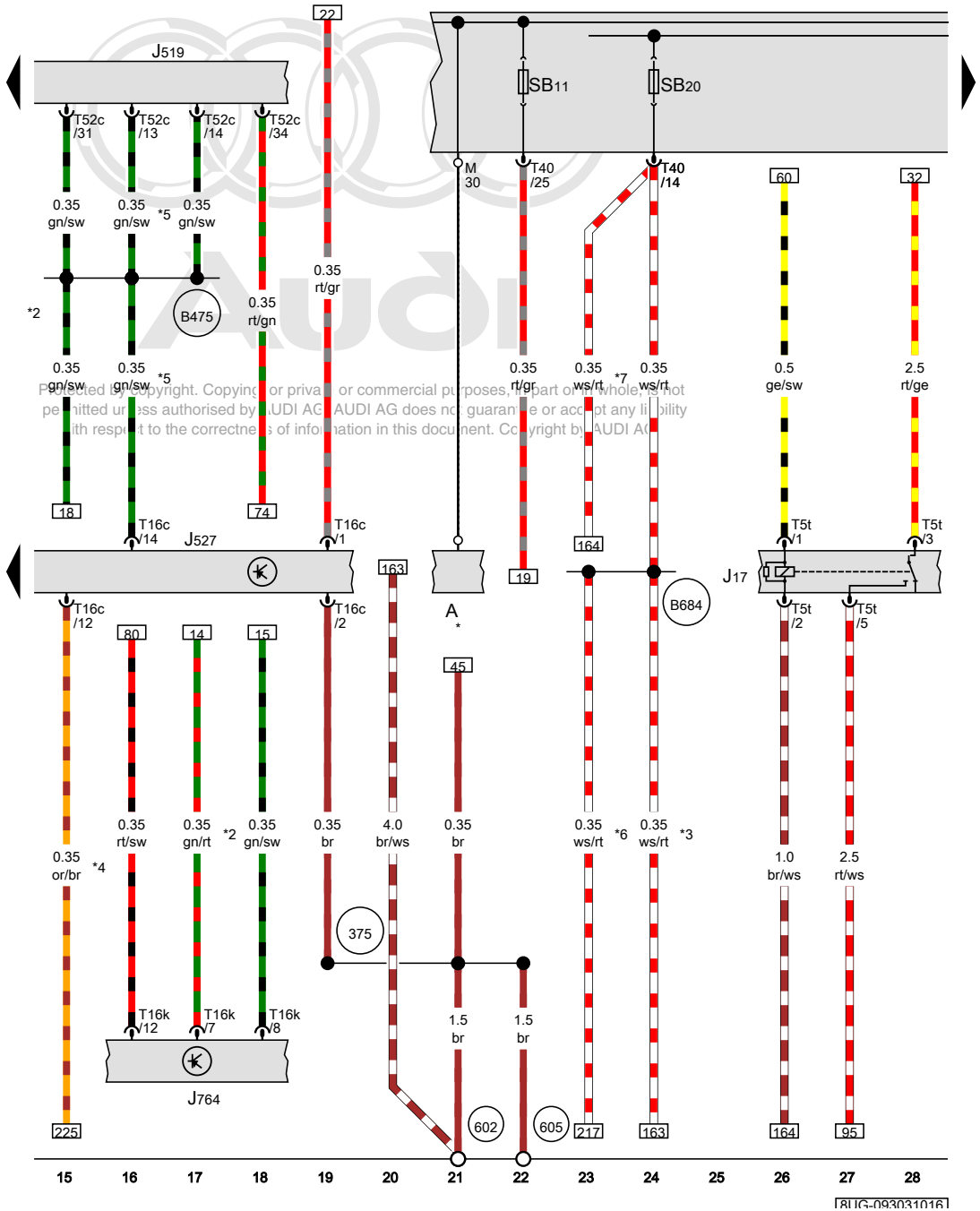


Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
T16c	16-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
*	Only models with cruise control system (CCS)
*2	Only models with entry and start authorisation
*3	Only left-hand drive models
*4	Only models with no entry and start authorisation

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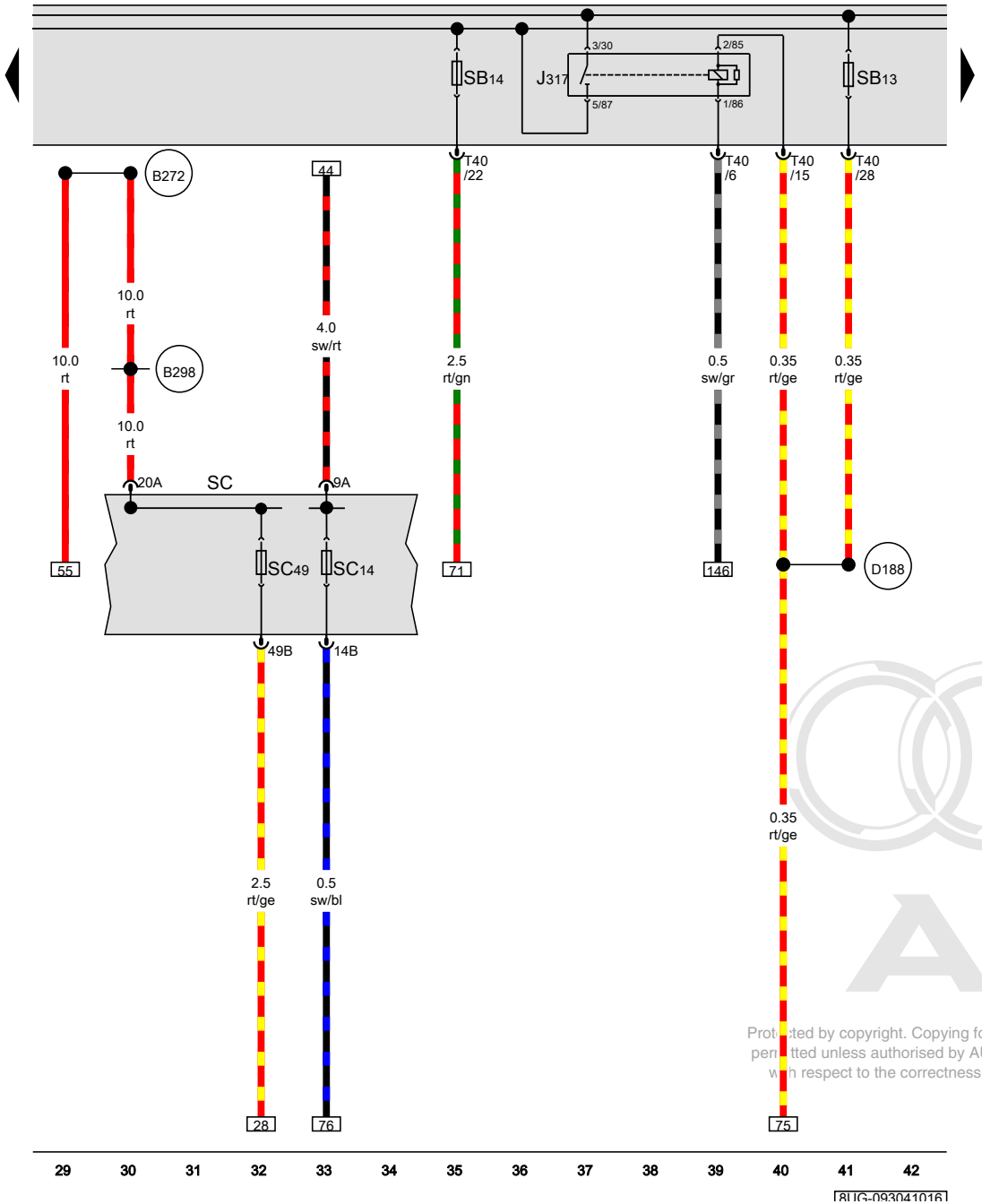


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Onboard supply control unit, Steering column electronics control unit, Control unit for electronic steering column lock

A	Battery
J17	Fuel pump relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
SB11	Fuse 11 on fuse holder B
SB20	Fuse 20 on fuse holder B
T5t	5-pin connector, black
T16c	16-pin connector, black
T16k	16-pin connector, black
T40	40-pin connector, black
T52c	52-pin connector, brown
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B475	Connection 11, in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Only models with entry and start authorisation
*3	Up to April 2015
*4	Only left-hand drive models
*5	Only models with no entry and start authorisation
*6	Only models with manual gearbox
*7	From May 2015

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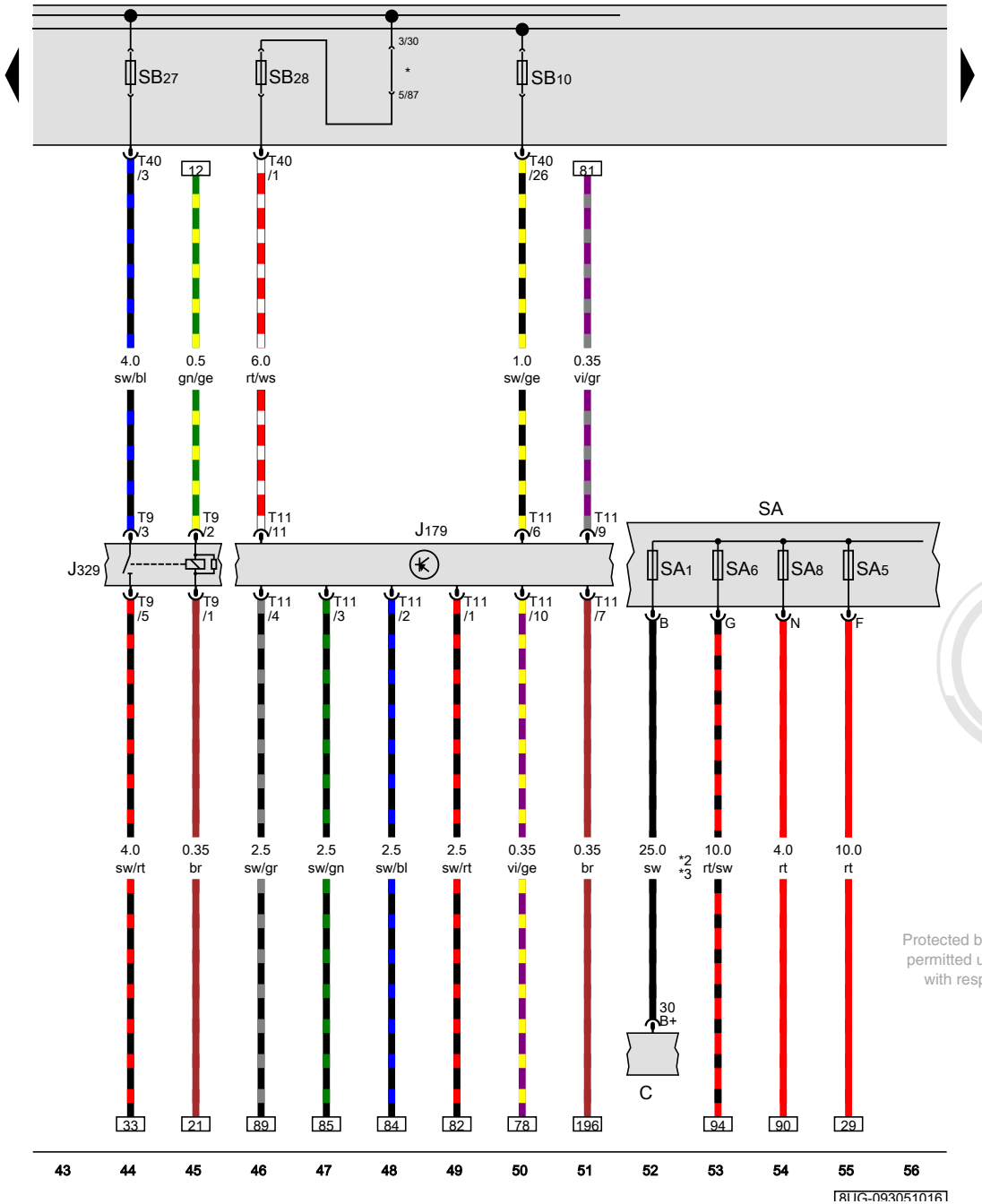


Terminal 30 voltage supply relay, Fuse holder C

J317	Terminal 30 voltage supply relay
SB13	Fuse 13 on fuse holder B
SB14	Fuse 14 on fuse holder B
SC	Fuse holder C
SC14	Fuse 14 on fuse holder C
SC49	Fuse 49 on fuse holder C
T40	40-pin connector, black
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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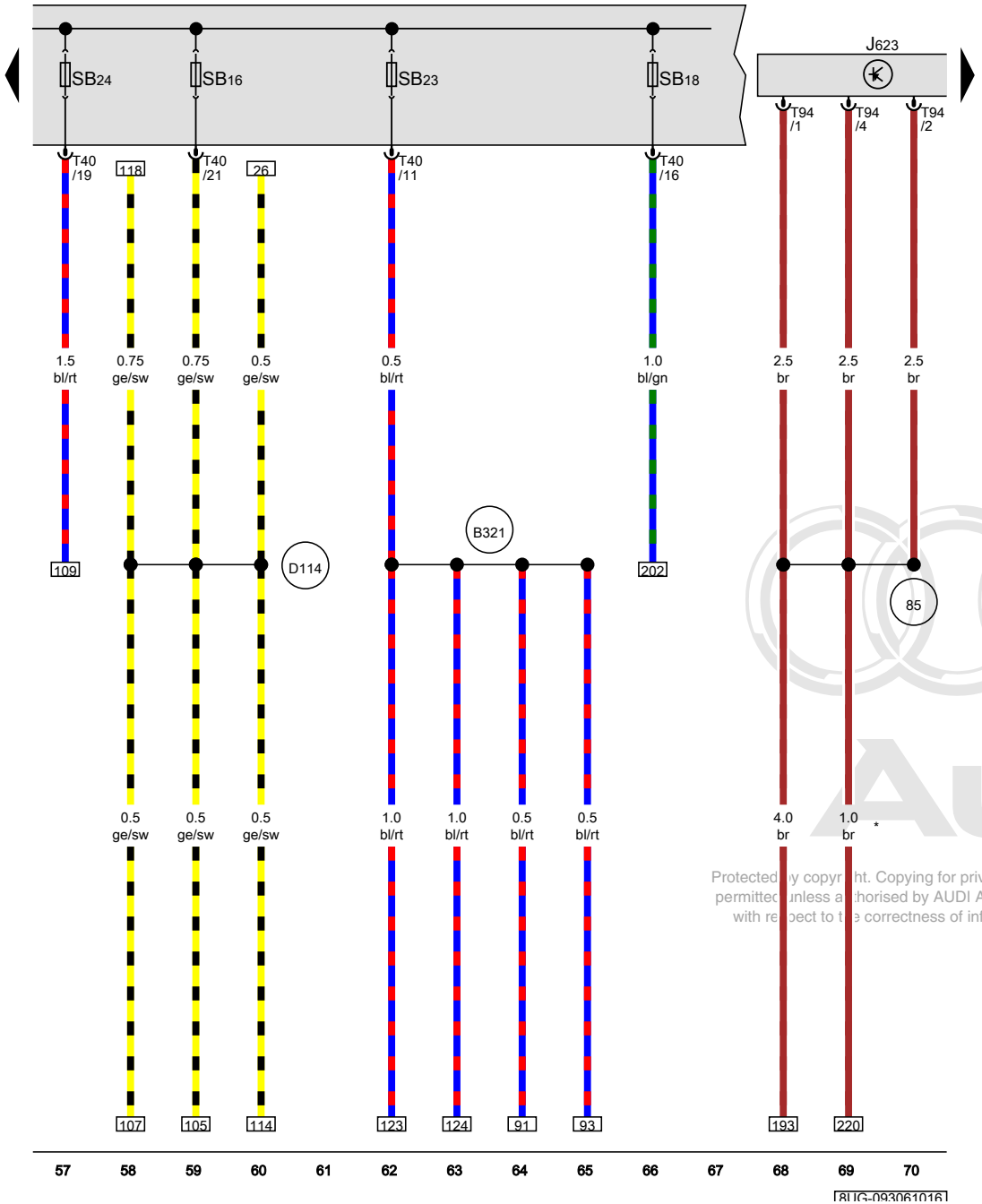


Automatic glow period control unit

C	Alternator
J179	Automatic glow period control unit
J329	Terminal 15 voltage supply relay
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
SA8	Fuse 8 on fuse holder A
SB10	Fuse 10 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB28	Fuse 28 on fuse holder B
T9	9-pin connector, black
T11	11-pin connector, on automatic glow period control unit
T40	40-pin connector, black
*	Contact bridge, only models with diesel engine
*2	Cross section depends on equipment
*3	see applicable current flow diagram for battery in engine compartment

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Engine control unit, Fuse 18 on fuse holder B

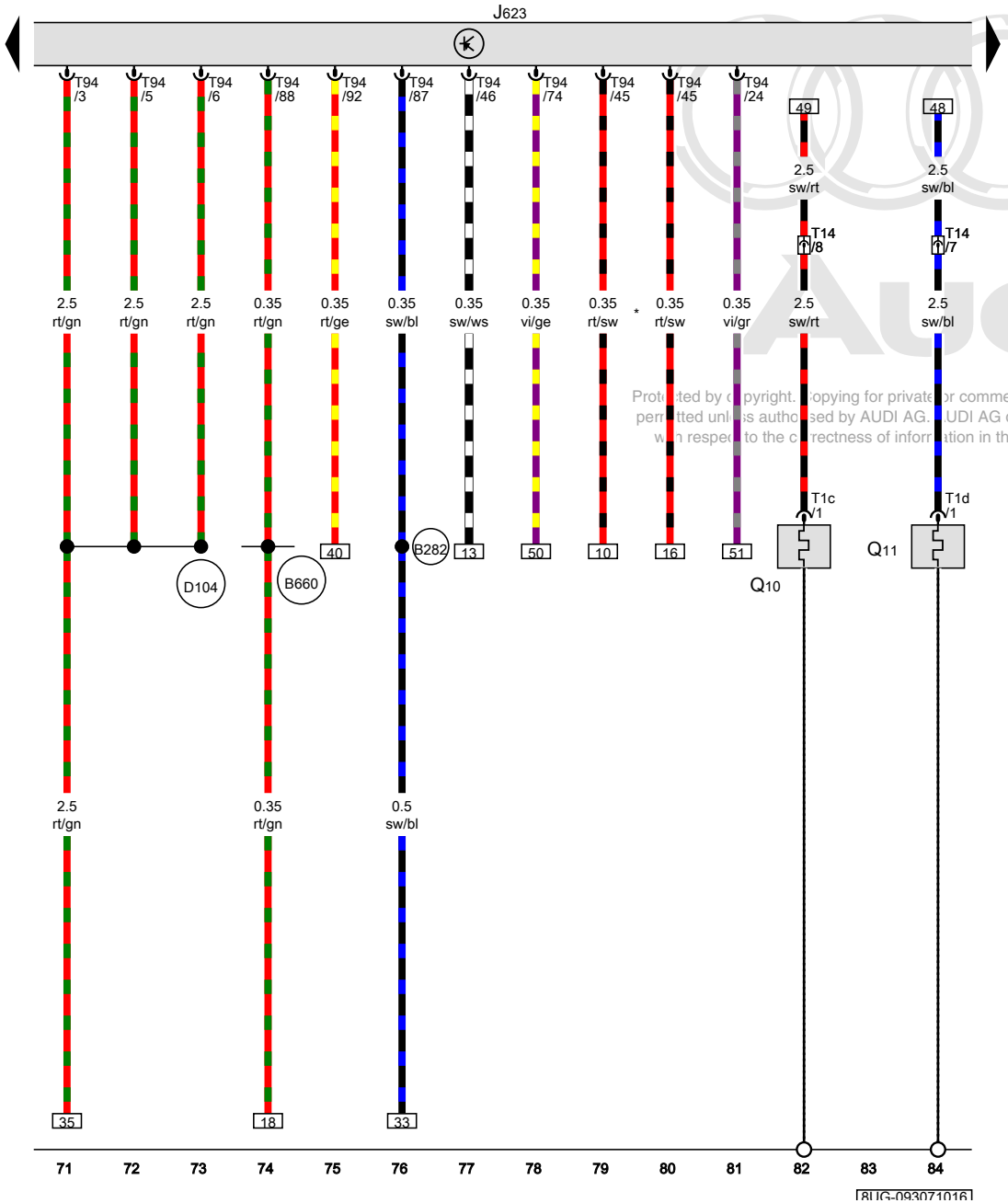
J623	Engine control unit
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D114	Connection 12 in engine compartment wiring harness
*	Only models with start/stop system

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Engine control unit, Glow plug 1, Glow plug 2

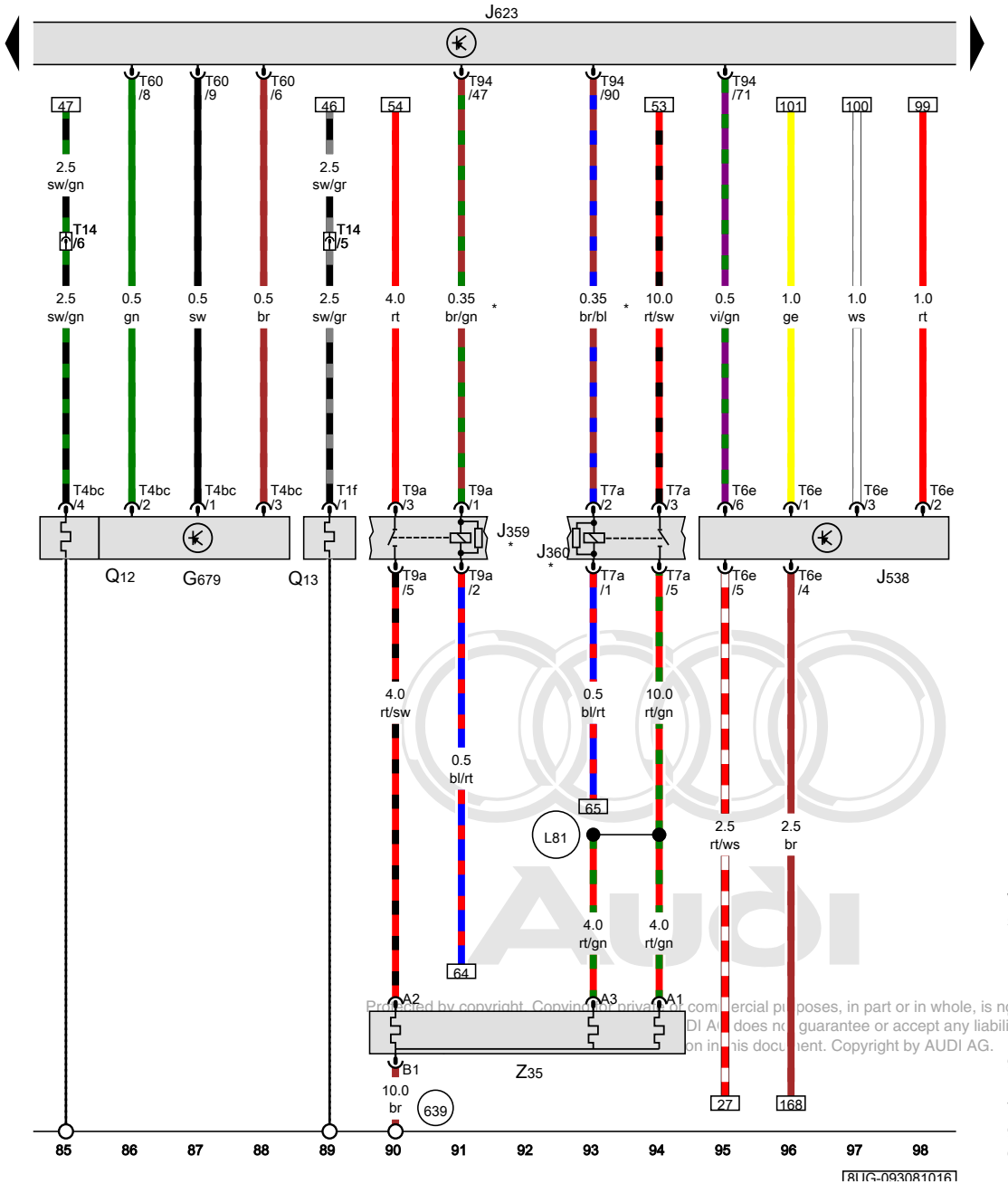
J623	Engine control unit
Q10	Glow plug 1
Q11	Glow plug 2
T1c	1-pin connector, black
T1d	1-pin connector, black
T14	14-pin connector, black
T94	94-pin connector, black
B282	Positive connection 6 (15a) in main wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with no entry and start authorisation



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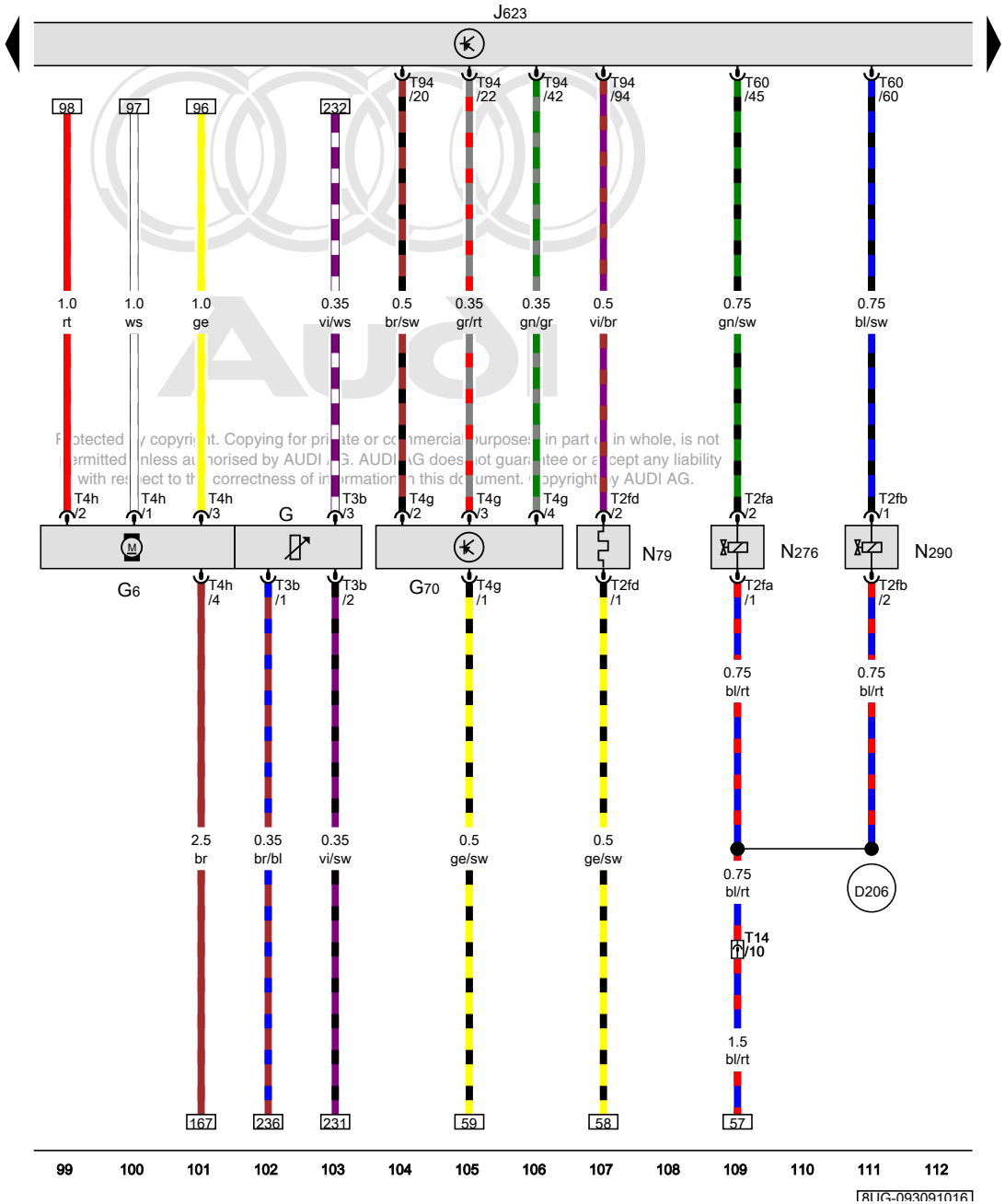
Low heat output relay, High heat output relay, Fuel pump control unit, Engine control unit, Glow plug 3, Glow plug 4



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G679	Cylinder 3 combustion chamber pressure sender
J359	Low heat output relay
J360	High heat output relay
J538	Fuel pump control unit
J623	Engine control unit
Q12	Glow plug 3
Q13	Glow plug 4
T1f	1-pin connector, black
T4bc	4-pin connector, black
T6e	6-pin connector, black
T7a	7-pin connector, black
T9a	9-pin connector, black
T14	14-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
Z35	Auxiliary air heater element
639	Earth point, left A-pillar
L81	Connection in supplementary heater wiring harness
*	Only models with auxiliary air heater

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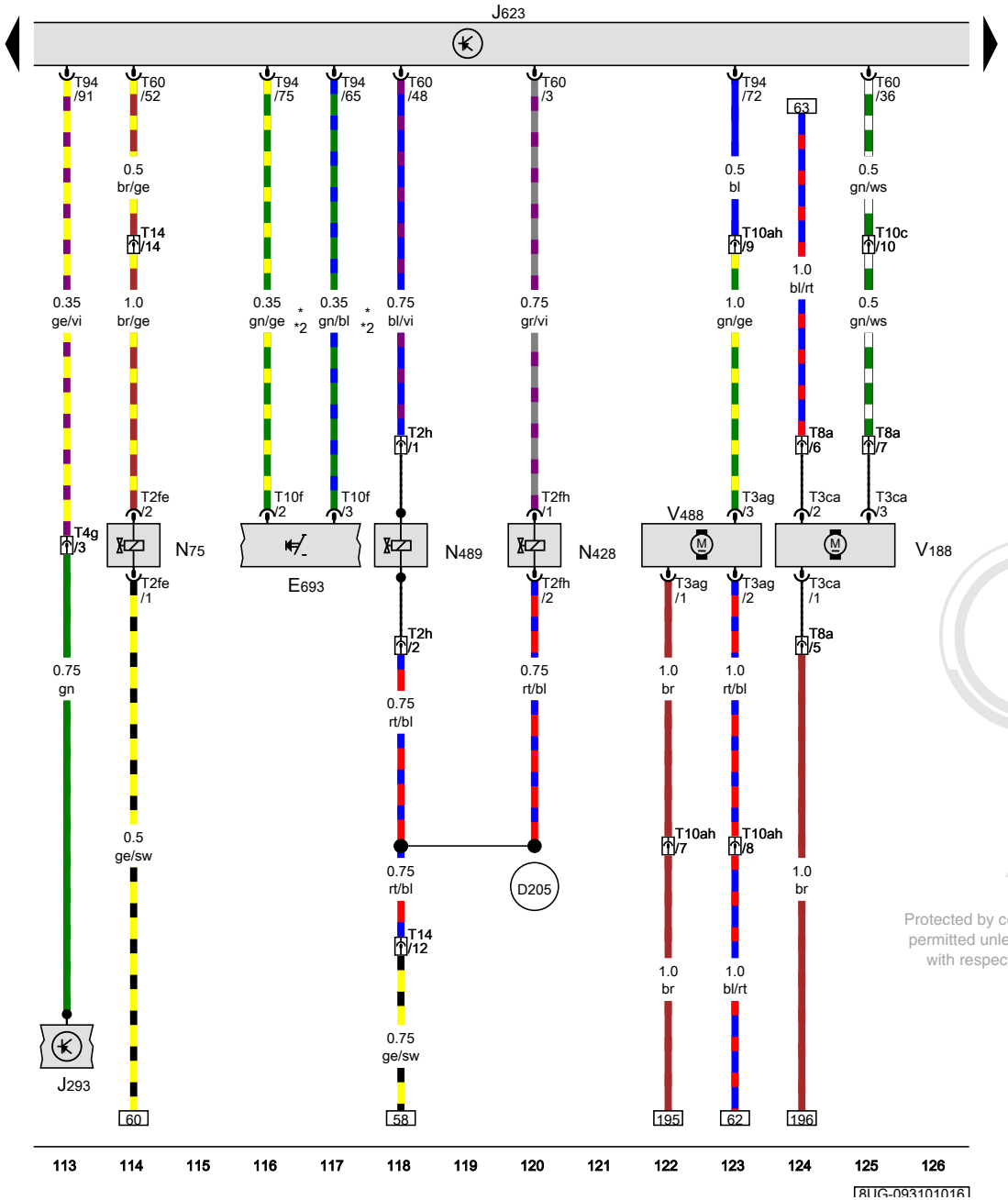


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Fuel gauge sender, Fuel system pressurisation pump, Air mass meter, Engine control unit, Heater element for crankcase breather, Fuel pressure regulating valve, Fuel metering valve

G	Fuel gauge sender
G6	Fuel system pressurisation pump
G70	Air mass meter
J623	Engine control unit
N79	Heater element for crankcase breather
N276	Fuel pressure regulating valve
N290	Fuel metering valve
T2fa	2-pin connector, black
T2fb	2-pin connector, black
T2fd	2-pin connector, black
T3b	3-pin connector, black
T4g	4-pin connector, black
T4h	4-pin connector, black
T14	14-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
D206	Connection 4 (87a) in engine prewiring harness

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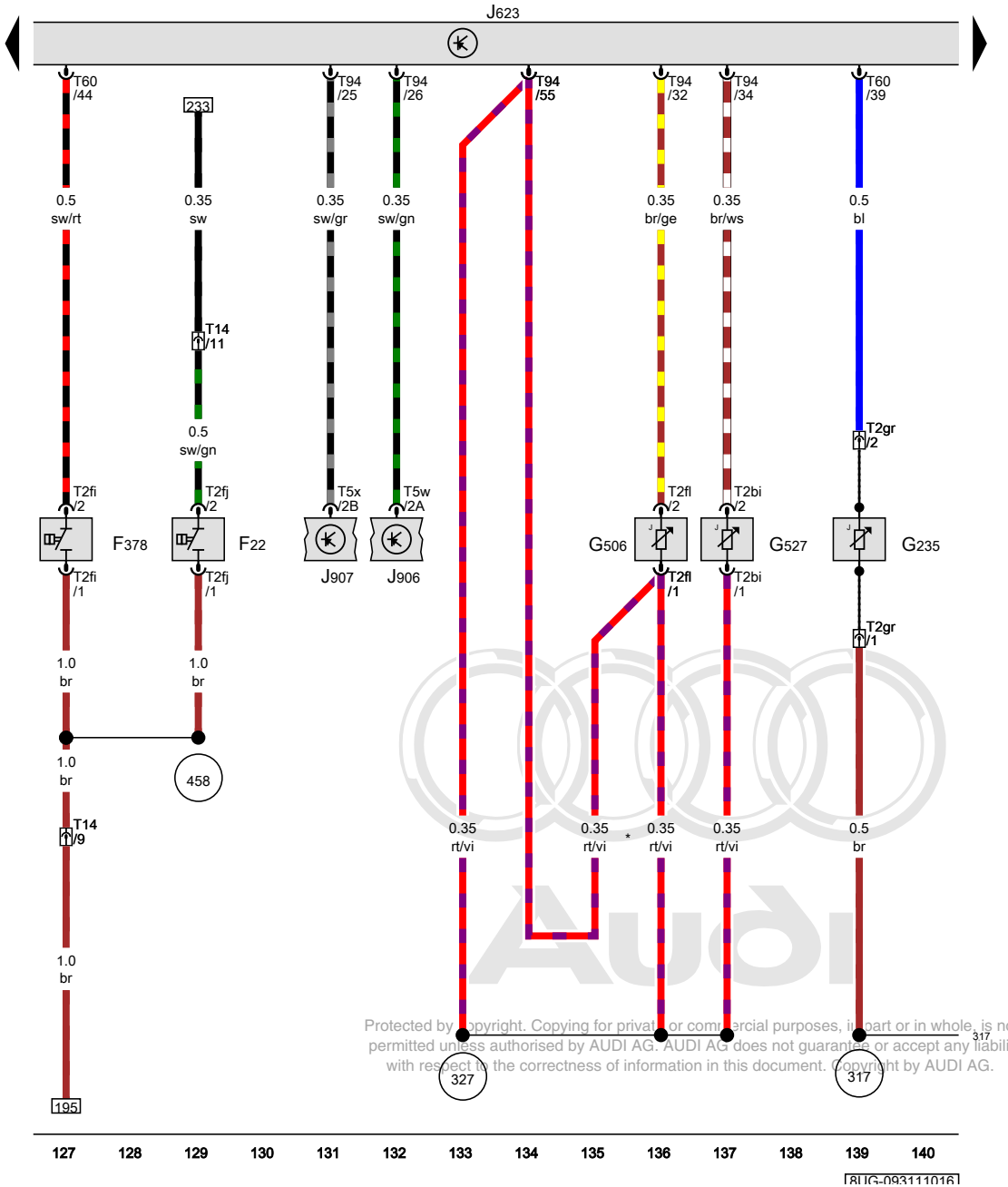


Engine control unit, Charge pressure control solenoid valve, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

E693	Start/Stop operation button
J293	Radiator fan control unit
J623	Engine control unit
N75	Charge pressure control solenoid valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2fe	2-pin connector, black
T2fh	2-pin connector, black
T2h	2-pin connector, black
T3ag	3-pin connector, on auxiliary pump for heating
T3ca	3-pin connector, on charge air cooling pump
T4g	4-pin connector, black
T8a	8-pin connector
T10ah	10-pin connector
T10c	10-pin connector, black
T10f	10-pin connector, red
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
V188	Charge air cooling pump
V488	Auxiliary pump for heating
D205	Connection 3 (87a) in engine prewiring harness
*	Only models with start/stop system
*2	see applicable current flow diagram for battery in engine compartment

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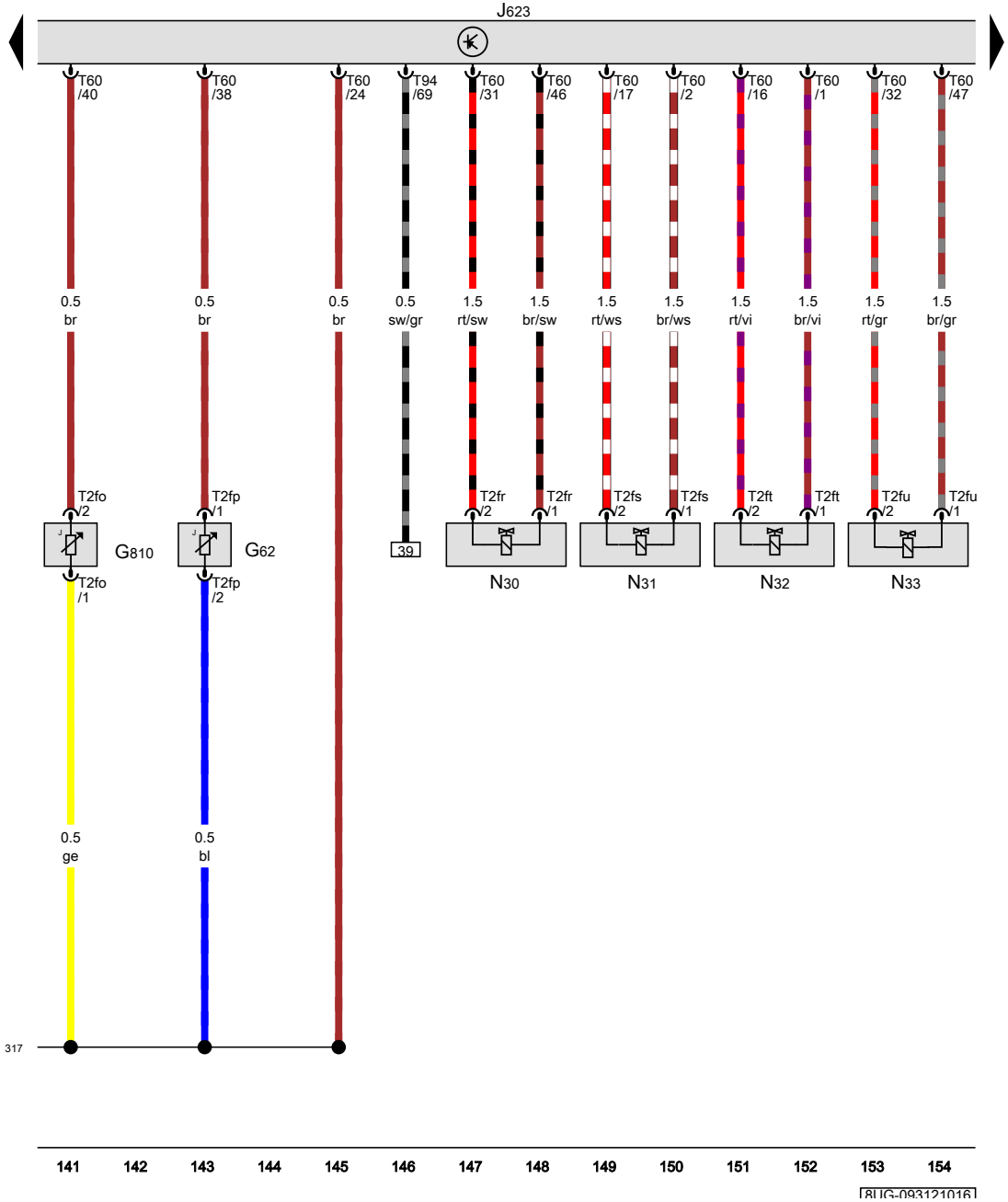


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 1, Temperature sender before particulate filter, Temperature sender after particulate filter, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G235	Exhaust gas temperature sender 1
G506	Temperature sender before particulate filter
G527	Temperature sender after particulate filter
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T2bi	2-pin connector, light brown
T2fi	2-pin connector, black
T2fj	2-pin connector, on oil pressure switch
T2fl	2-pin connector, brown
T2gr	2-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T14	14-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
327	Earth connection (sender earth), in engine compartment wiring harness
458	Earth point 3, engine prewiring harness
*	According to equipment



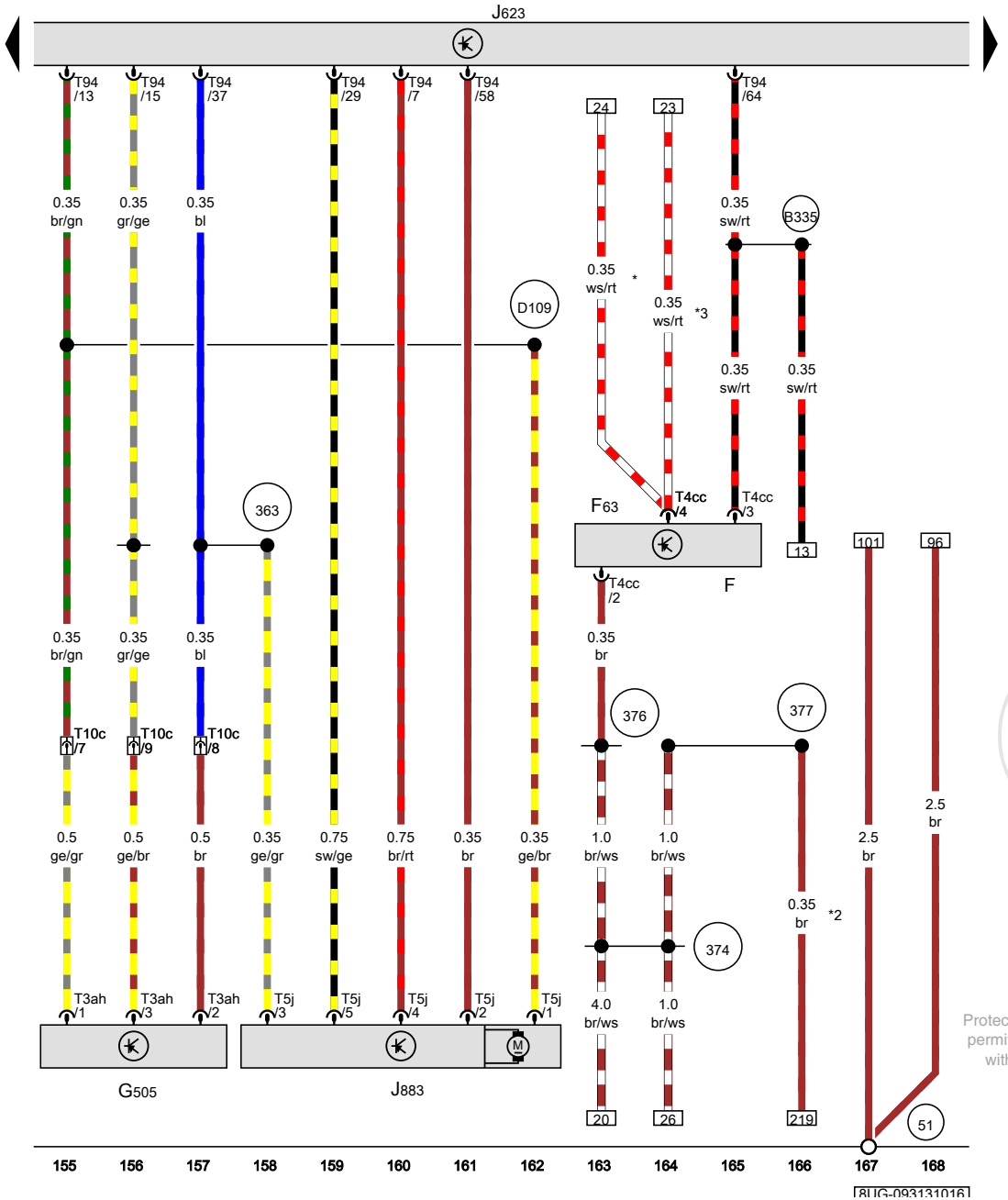
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Coolant temperature sender, Charge air temperature sender before charge air cooler, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

G62	Coolant temperature sender
G810	Charge air temperature sender before charge air cooler
J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2fo	2-pin connector, black
T2fp	2-pin connector, black
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black

317 Earth connection 7, in engine compartment wiring harness

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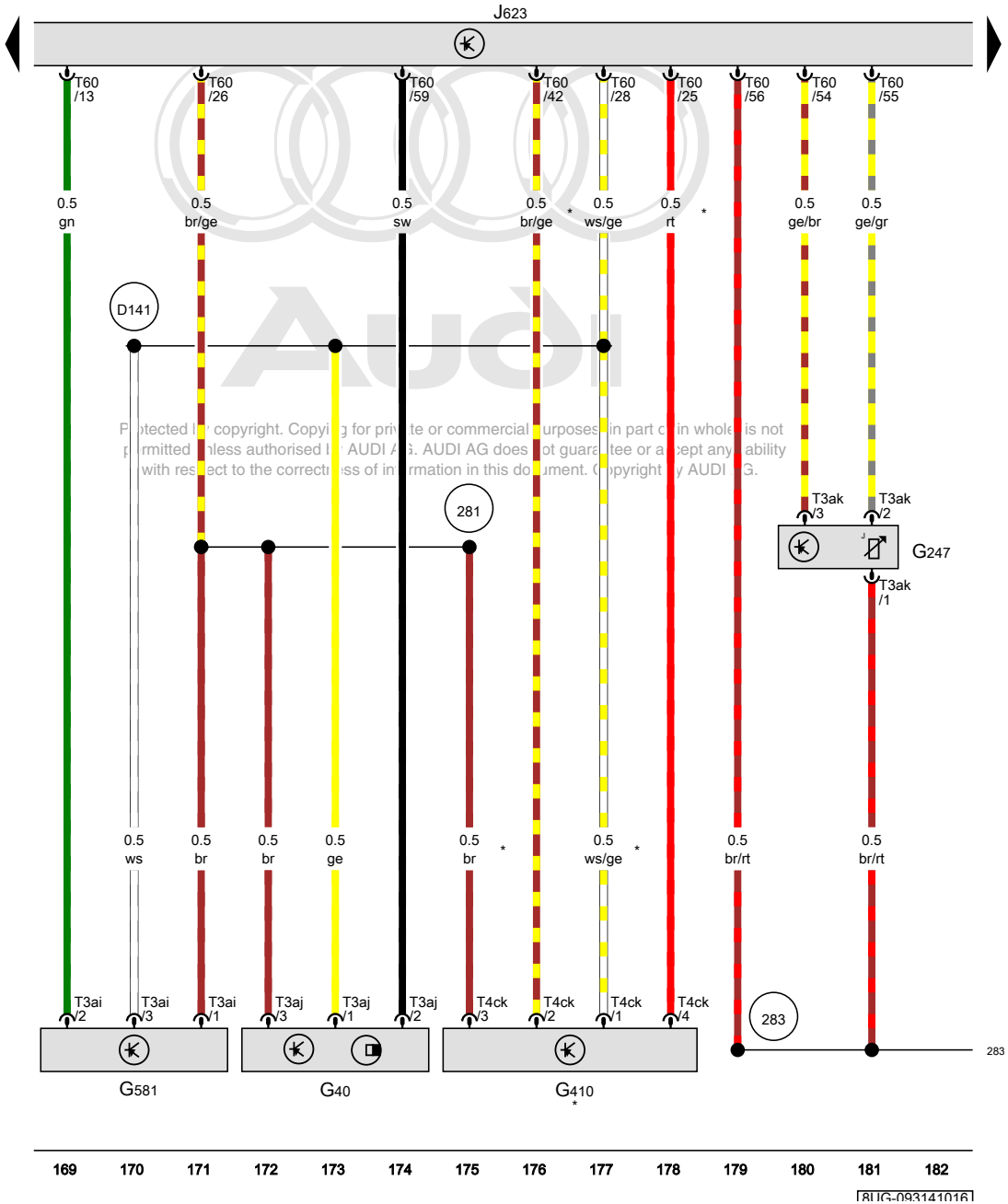


Brake light switch, Brake pedal switch, Pressure differential sender, Engine control unit, Exhaust flap control unit

F	Brake light switch
F63	Brake pedal switch
G505	Pressure differential sender
J623	Engine control unit
J883	Exhaust flap control unit
T3ah	3-pin connector, black
T4cc	4-pin connector, black
T5j	5-pin connector, black
T10c	10-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
363	Earth connection 8, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
377	Earth connection 12, in main wiring harness
B335	Connection 1 (54), in main wiring harness
D109	Connection 7 in engine compartment wiring harness
*	Up to April 2015
*2	Only models with no start/stop system
*3	From May 2015

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

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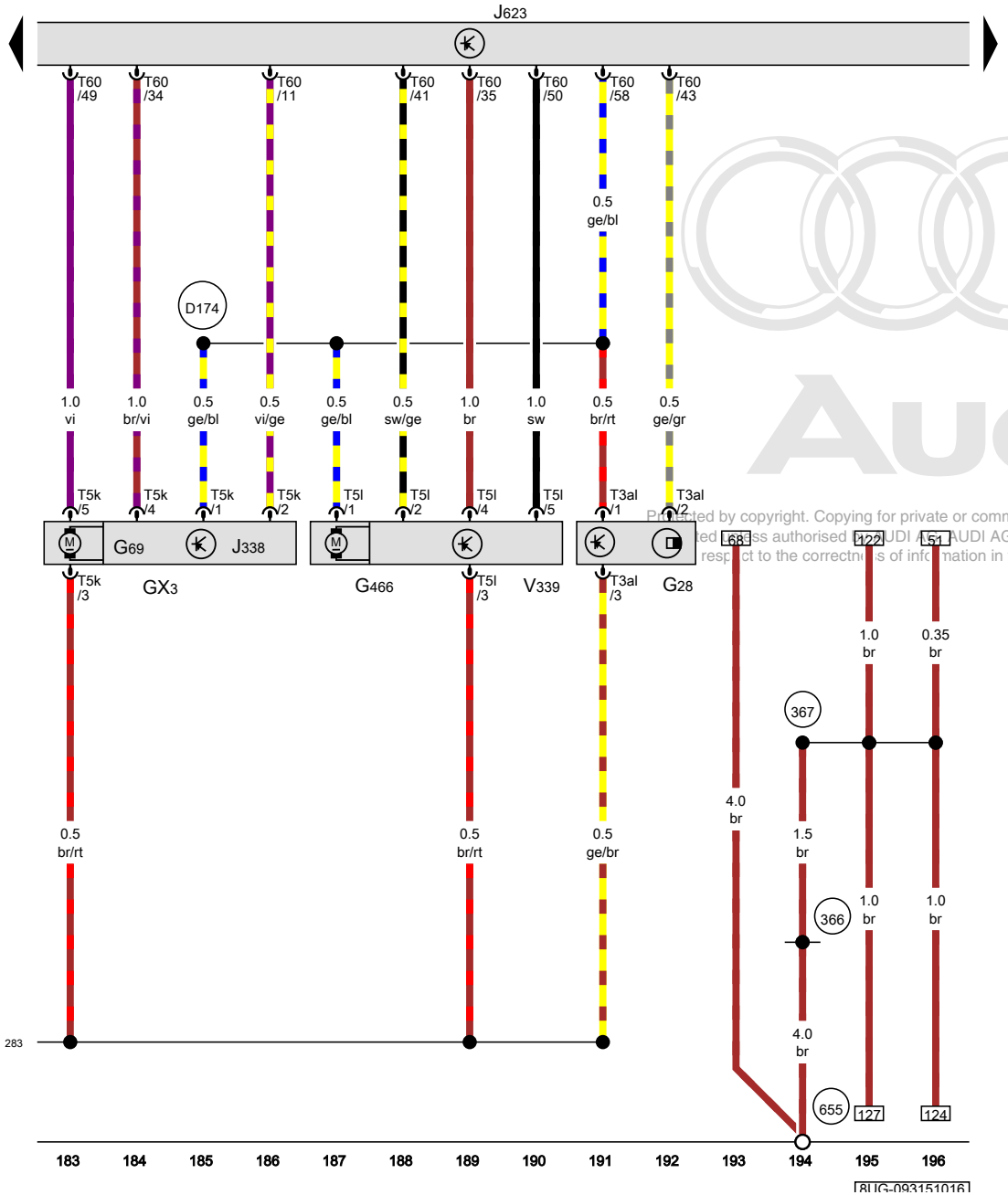


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Hall sender, Fuel pressure sender, Fuel pressure sender for low pressure, Position sender for charge pressure positioner, Engine control unit

G40	Hall sender
G247	Fuel pressure sender
G410	Fuel pressure sender for low pressure
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3ai	3-pin connector, black
T3aj	3-pin connector, black
T3ak	3-pin connector, on fuel pressure sender
T4ck	4-pin connector, Low pressure
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
*	If fitted

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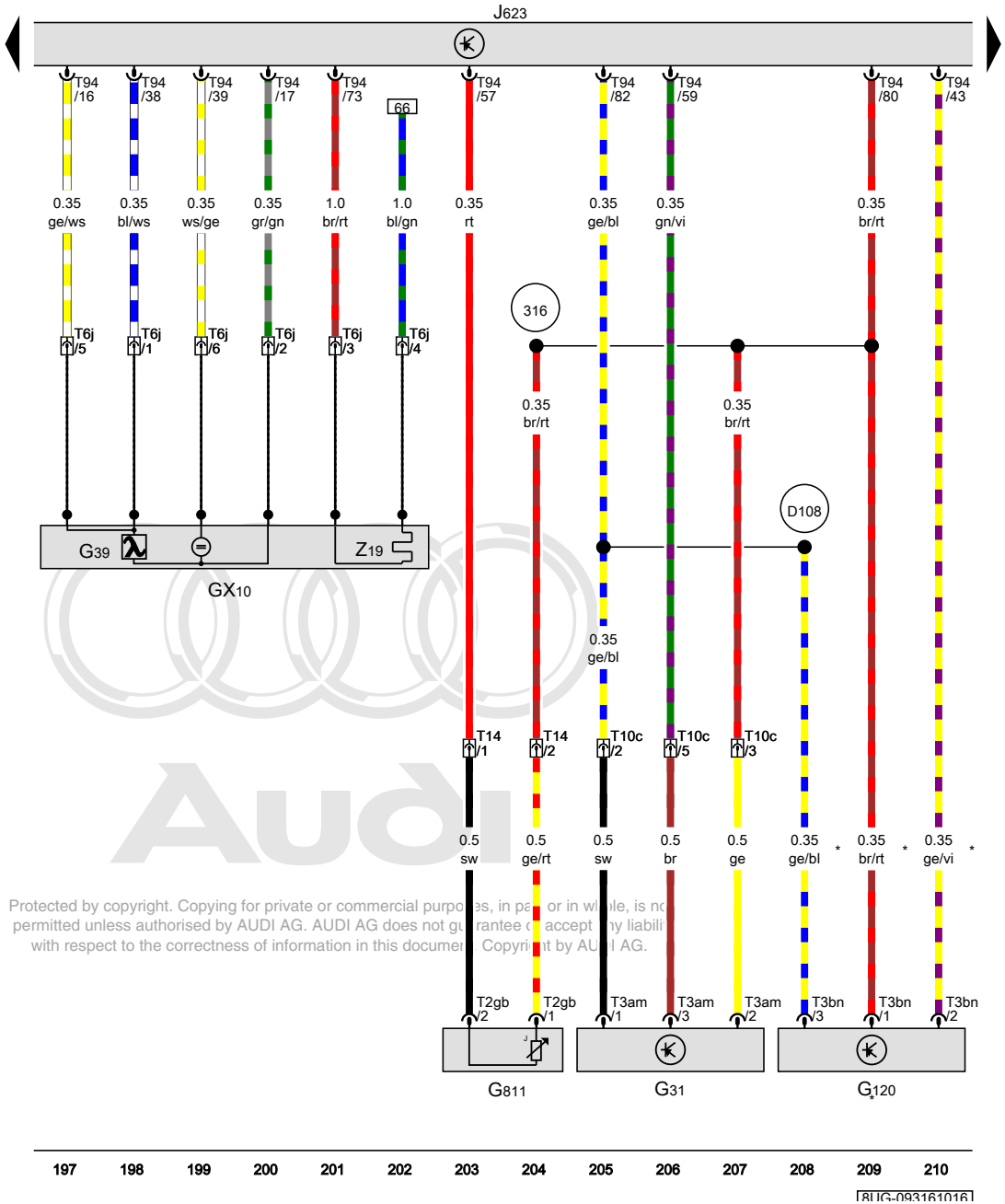


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Throttle valve module, Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor 2

GX3	Throttle valve module
G28	Engine speed sender
G69	Throttle valve potentiometer
G466	Exhaust gas recirculation potentiometer 2
J338	Throttle valve module
J623	Engine control unit
T3al	3-pin connector, dark brown
T5k	5-pin connector, black
T5l	5-pin connector, black
T60	60-pin connector, black
V339	Exhaust gas recirculation control motor 2
283	Earth point 2, engine prewiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight
D174	Connection 2 (5V) in engine prewiring harness

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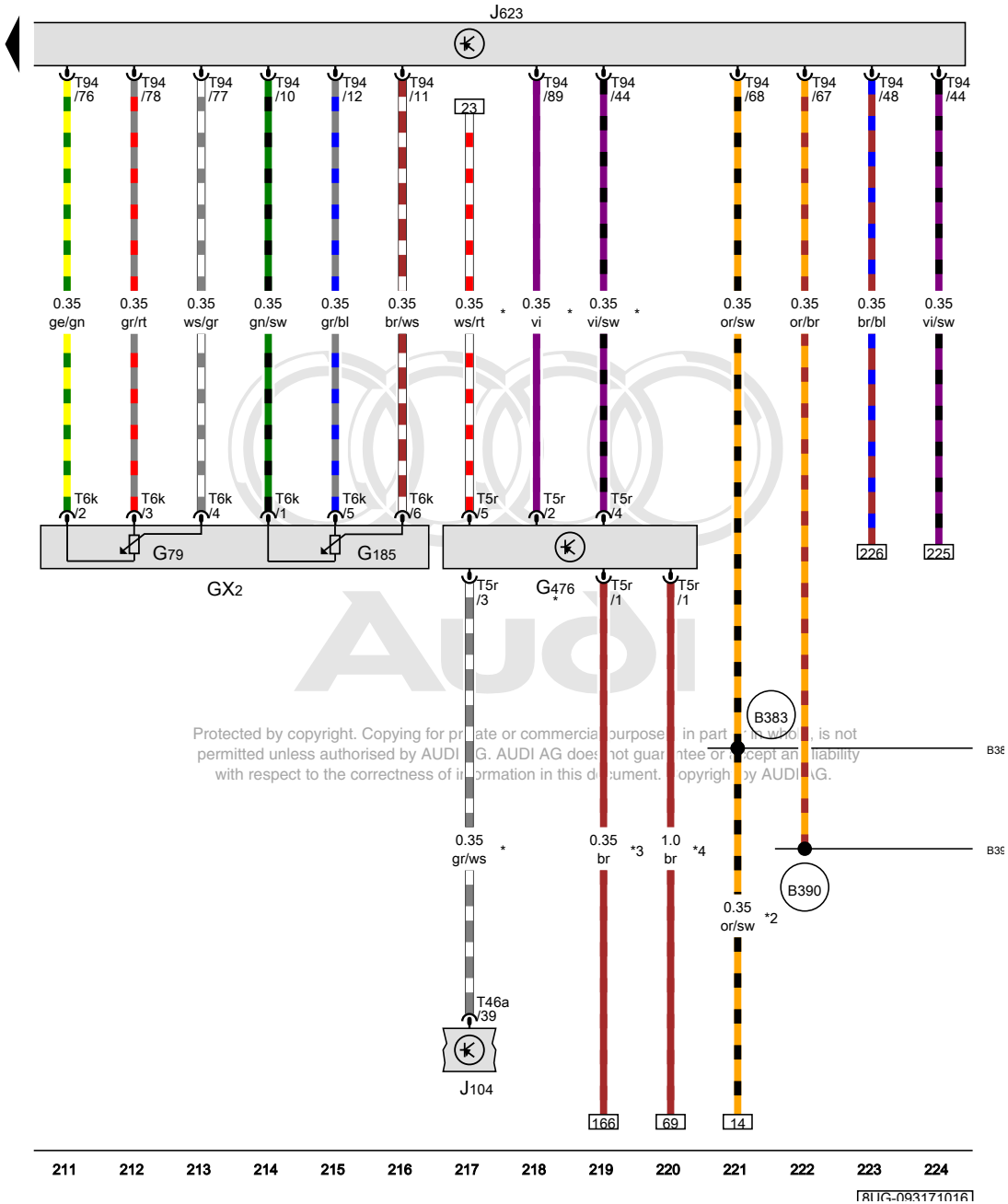


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Lambda probe 1 before catalytic converter, Charge pressure sender, Lambda probe, Water level sender, Charge air temperature sender after charge air cooler, Engine control unit, Lambda probe heater

GX10	Lambda probe 1 before catalytic converter
G31	Charge pressure sender
G39	Lambda probe
G120	Water level sender
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T2gb	2-pin connector, black
T3am	3-pin connector, black
T3bn	3-pin connector, black, brown
T6j	6-pin connector, brown
T10c	10-pin connector, black
T14	14-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
316	Earth connection (sender earth 2) in engine wiring harness
D108	Connection 6 in engine compartment wiring harness
*	According to equipment

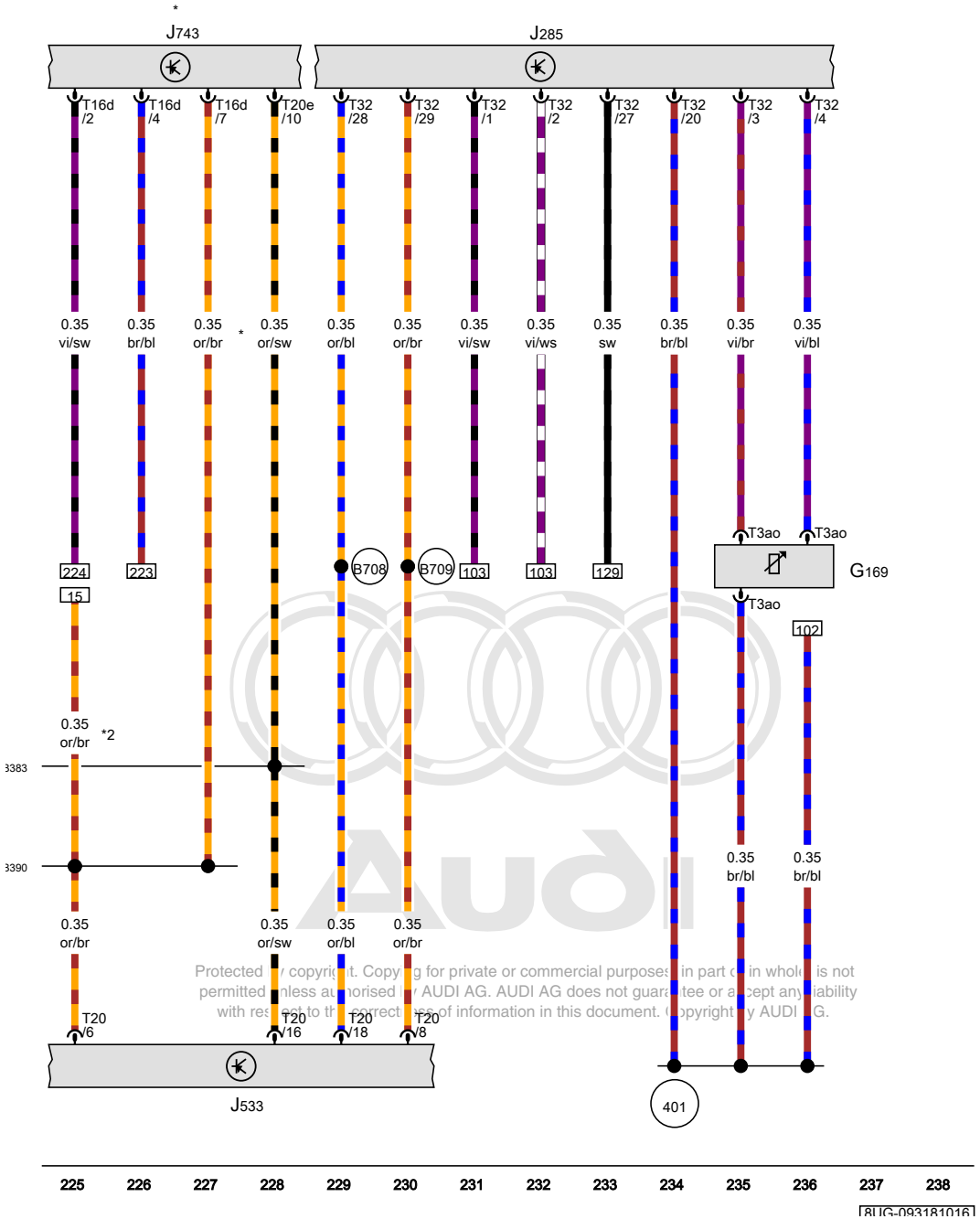


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Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Engine control unit

GX2	Accelerator pedal module
G79	Accelerator position sender
G185	Accelerator position sender 2
G476	Clutch position sender
J104	ABS control unit
J623	Engine control unit
T5r	5-pin connector, black
T6k	6-pin connector, black
T46a	46-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
*	Only models with manual gearbox
*2	Only left-hand drive models
*3	Only models with no start/stop system
*4	Only models with start/stop system

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rt	=	red
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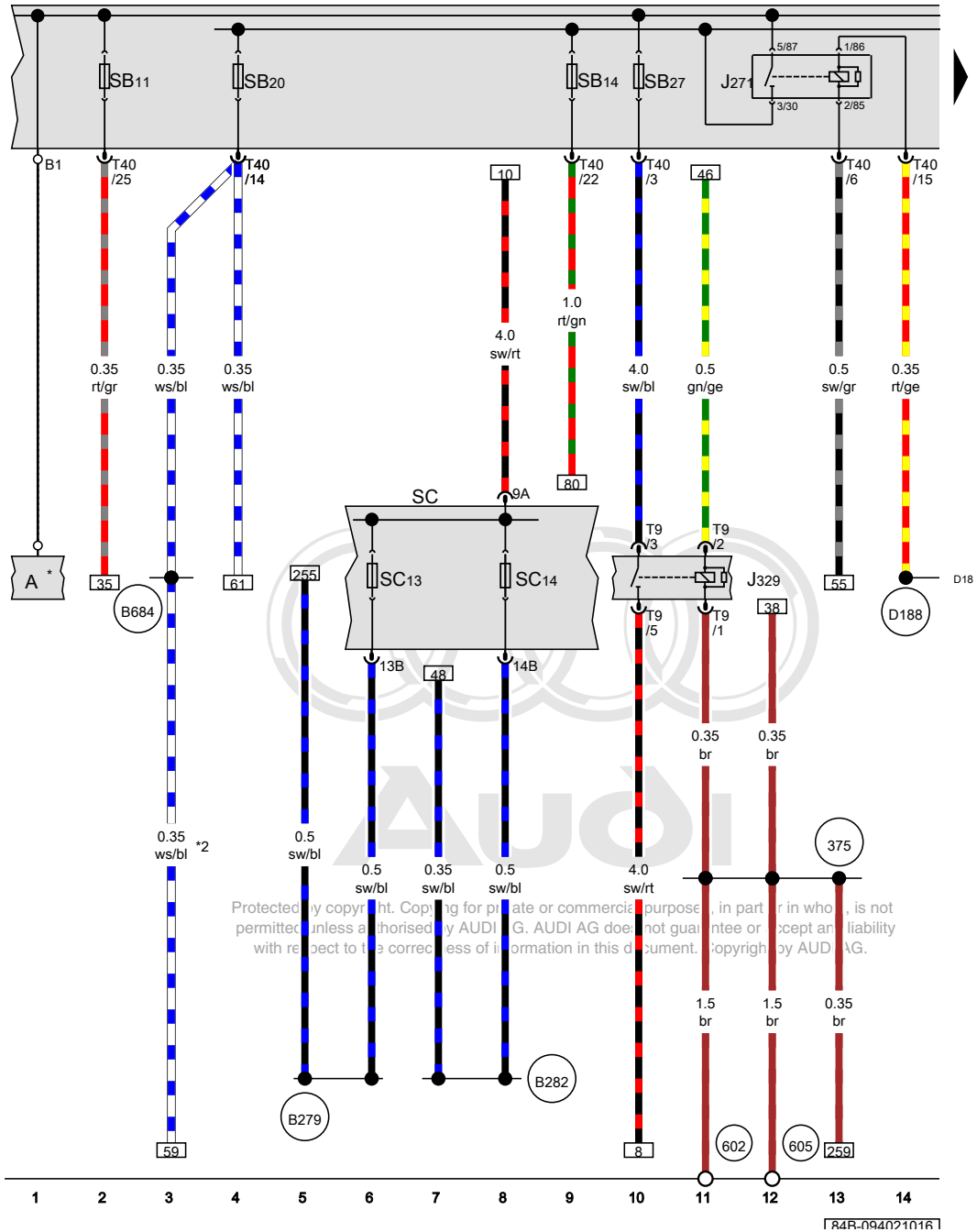
Control unit in dash panel insert, Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox

G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J743	Mechatronic unit for dual clutch gearbox
T3ao	3-pin connector, black
T16d	16-pin connector, black
T20	20-pin connector, red
T20e	20-pin connector, black
T32	32-pin connector, blue
401	Earth connection (sender earth), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Only models with dual clutch gearbox
*2	Only left-hand drive models

2.0l petrol engine , DBRA,DBSA

From December 2015

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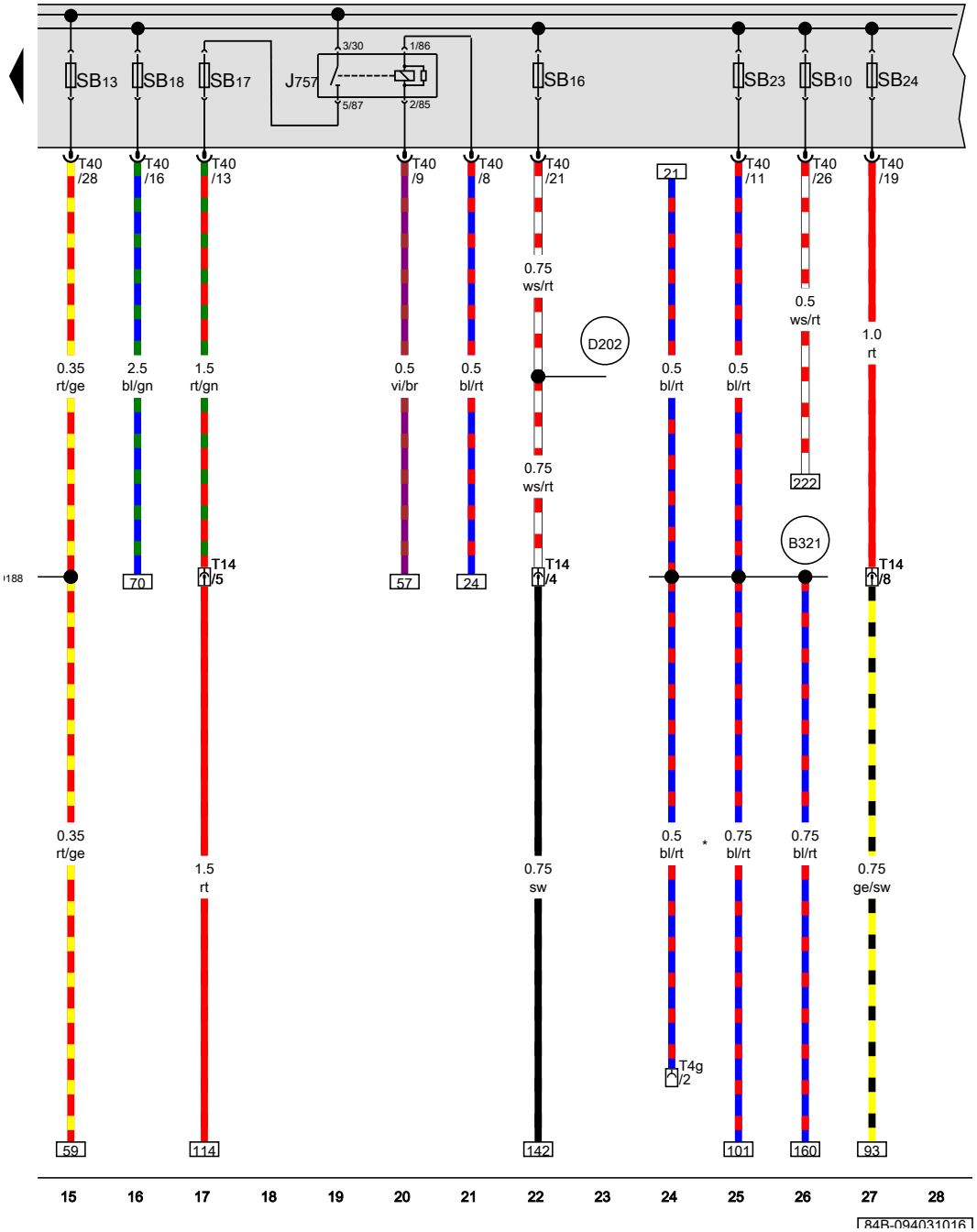


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Main relay, Terminal 15 voltage supply relay, Fuse holder C

A	Battery
J271	Main relay
J329	Terminal 15 voltage supply relay
SB11	Fuse 11 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SC14	Fuse 14 on fuse holder C
T9	9-pin connector, black
T40	40-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Only models with manual gearbox

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

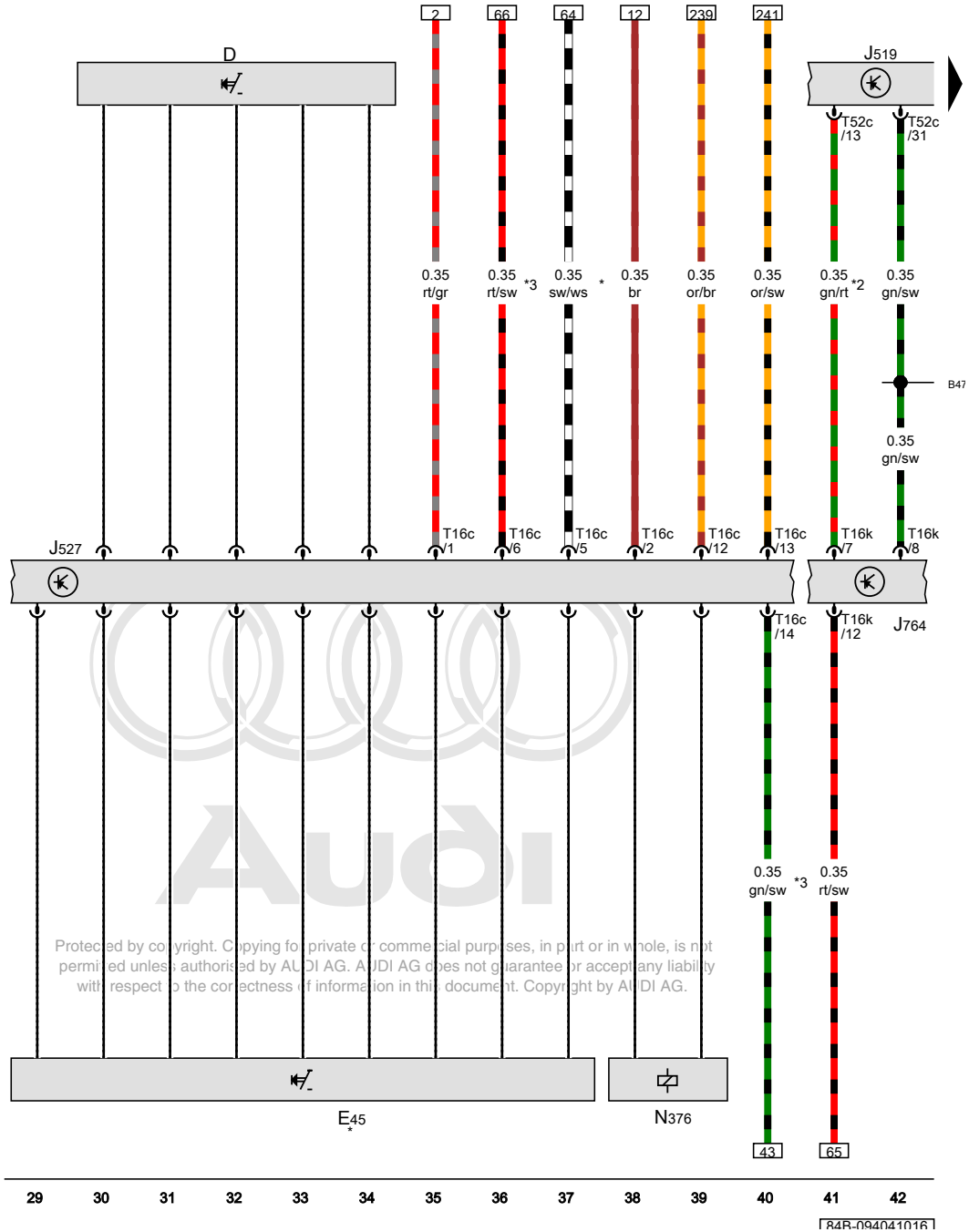


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Engine component current supply relay, Fuse 10 on fuse holder B, Fuse 23 on fuse holder B

J757	Engine component current supply relay
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T4g	4-pin connector
T14	14-pin connector, black
T40	40-pin connector, black
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness
D202	Connection 6 (87a), in engine compartment wiring harness
*	Radiator fan connection

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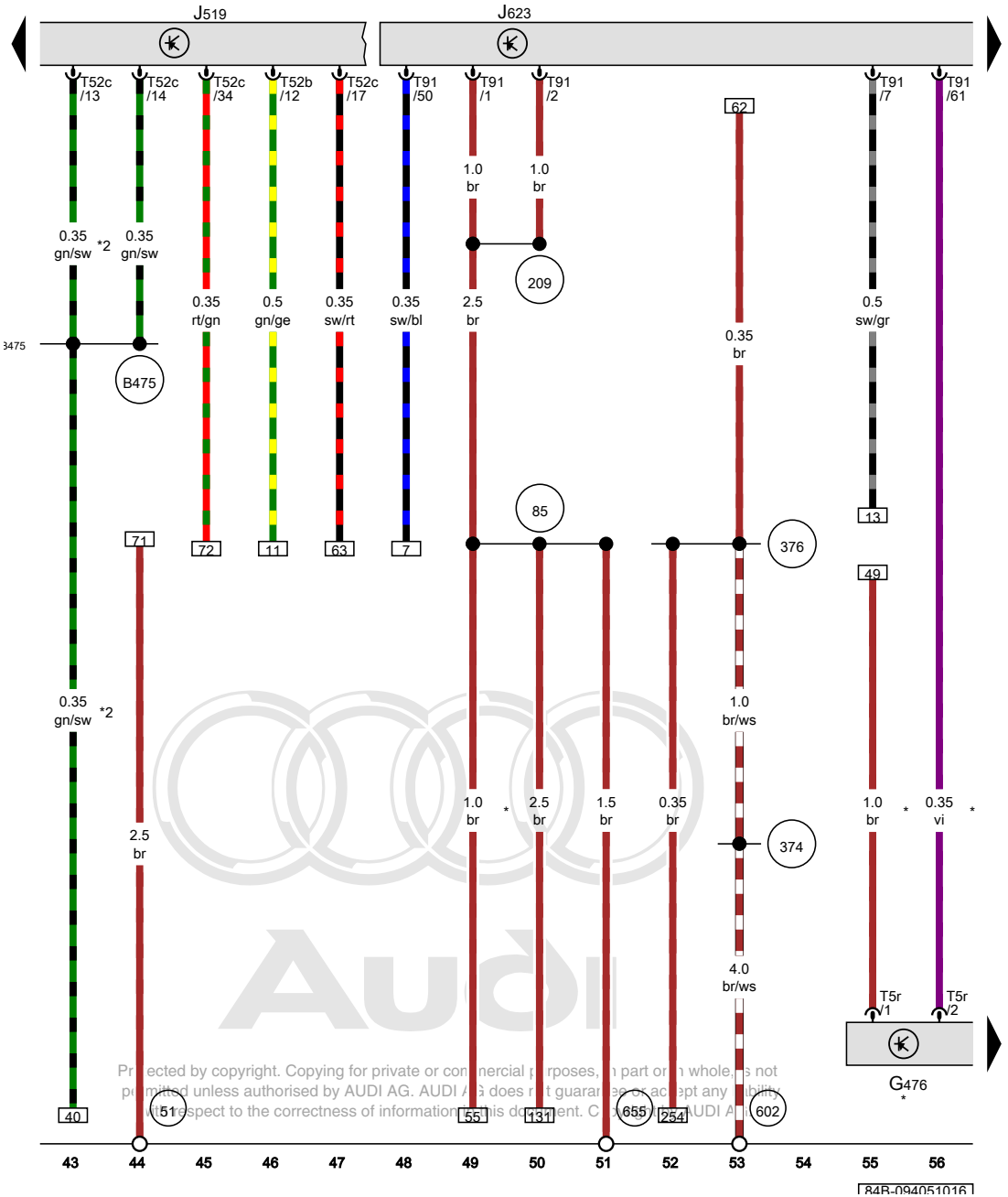


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Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
J764	Control unit for electronic steering column lock
N376	Ignition key withdrawal lock solenoid
T16c	16-pin connector, black
T16k	16-pin connector, black
T52c	52-pin connector, brown
B475	Connection 11, in main wiring harness
*	Only models with cruise control system (CCS)
*2	Only models with entry and start authorisation
*3	Only models with no entry and start authorisation

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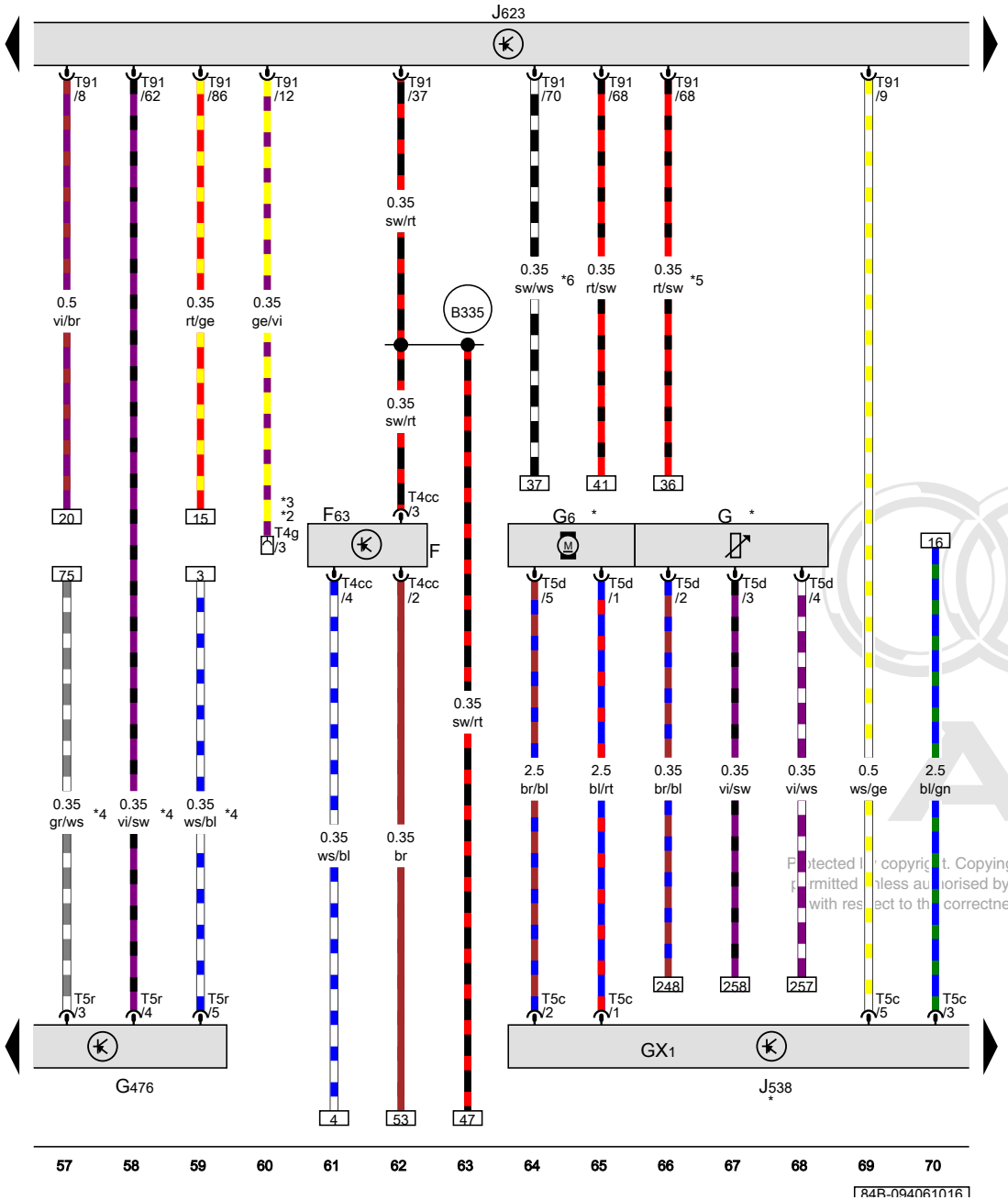


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Clutch position sender, Onboard supply control unit, Engine control unit

G476	Clutch position sender
J519	Onboard supply control unit
J623	Engine control unit
T5r	5-pin connector
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
T91	91-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
655	Earth point, on left headlight
B475	Connection 11, in main wiring harness
*	Only models with manual gearbox
*2	Only models with no entry and start authorisation

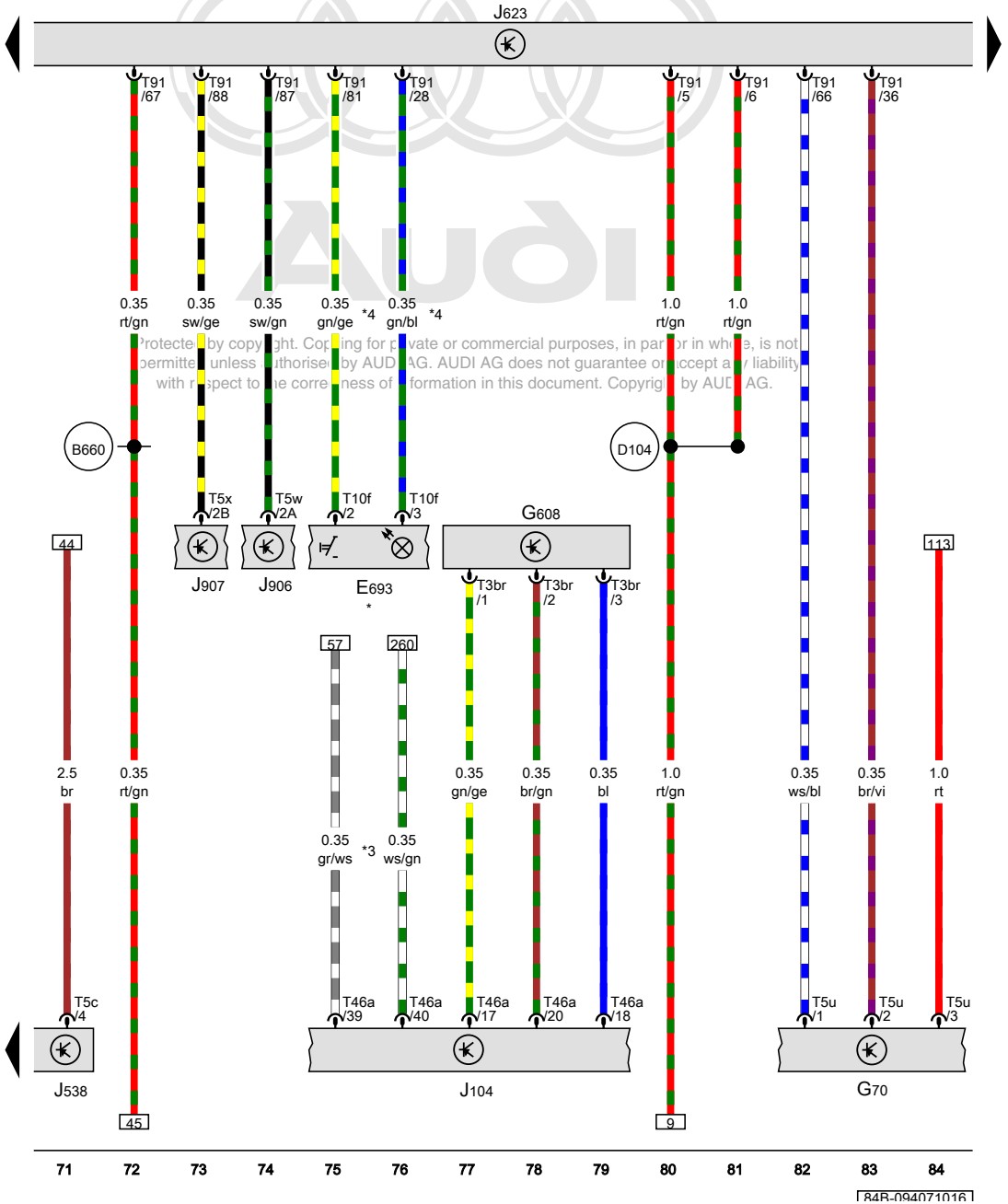


Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Clutch position sender, Engine control unit

F	Brake light switch
F63	Brake pedal switch
G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J623	Engine control unit
T4cc	4-pin connector, black
T4g	4-pin connector
T5c	5-pin connector
T5d	5-pin connector, black
T5r	5-pin connector
T91	91-pin connector, black
B335	Connection 1 (54), in main wiring harness
*	Only models with front-wheel drive
*2	Radiator fan connection
*3	see applicable current flow diagram for radiator fan
*4	Only models with manual gearbox
*5	Only models with no entry and start authorisation
*6	Only models with cruise control system (CCS)

ws	=	white
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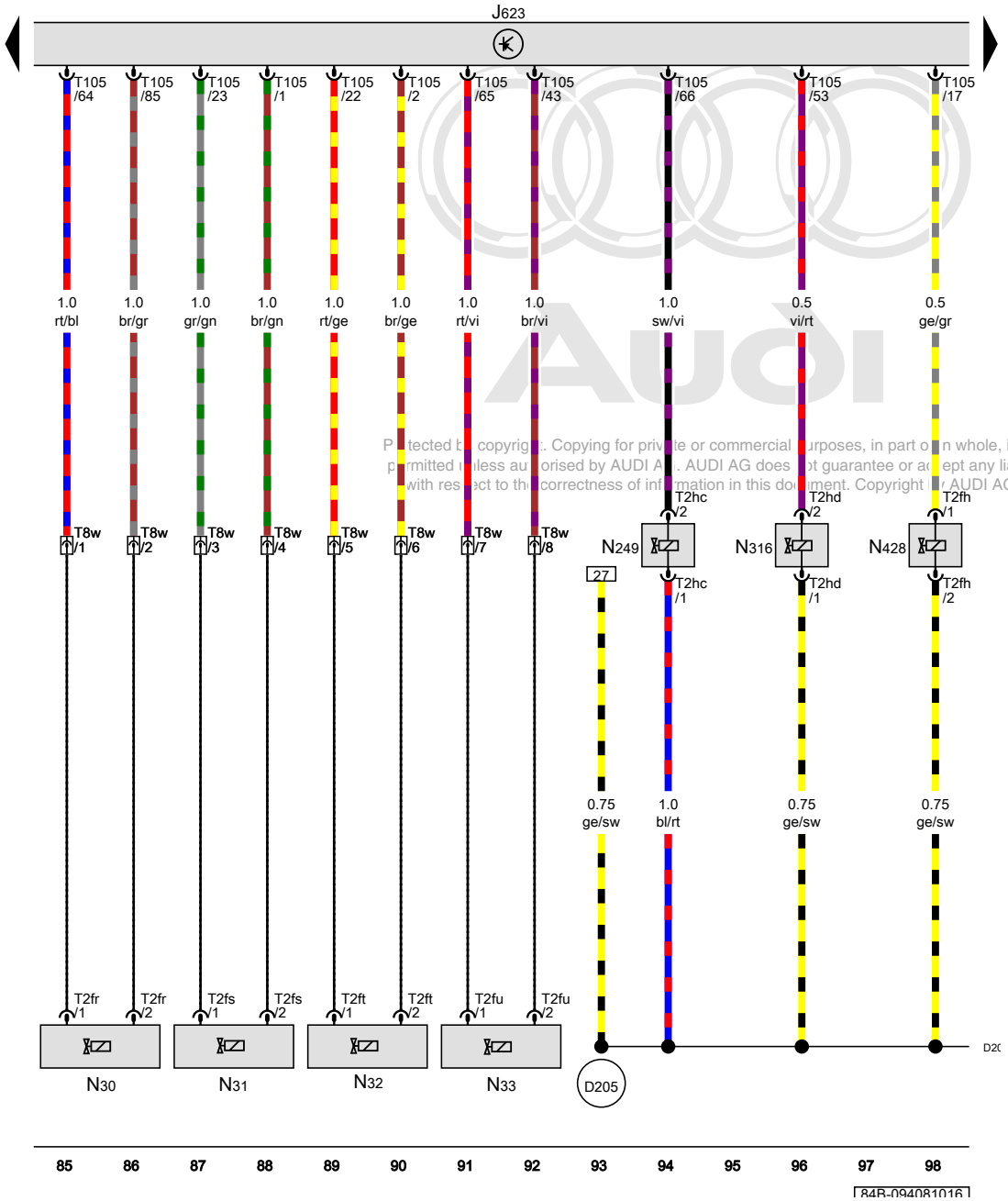


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Start/Stop operation button, Vacuum sender, Engine control unit

E693	Start/Stop operation button
G70	Air mass meter
G608	Vacuum sender
J104	ABS control unit
J538	Fuel pump control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
T3br	3-pin connector, black
T5c	5-pin connector
T5u	5-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T46a	46-pin connector, black
T91	91-pin connector, black
B660	Connection (diagnosis terminal 50), in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	According to equipment
*3	Only models with manual gearbox
*4	Only models with start/stop system

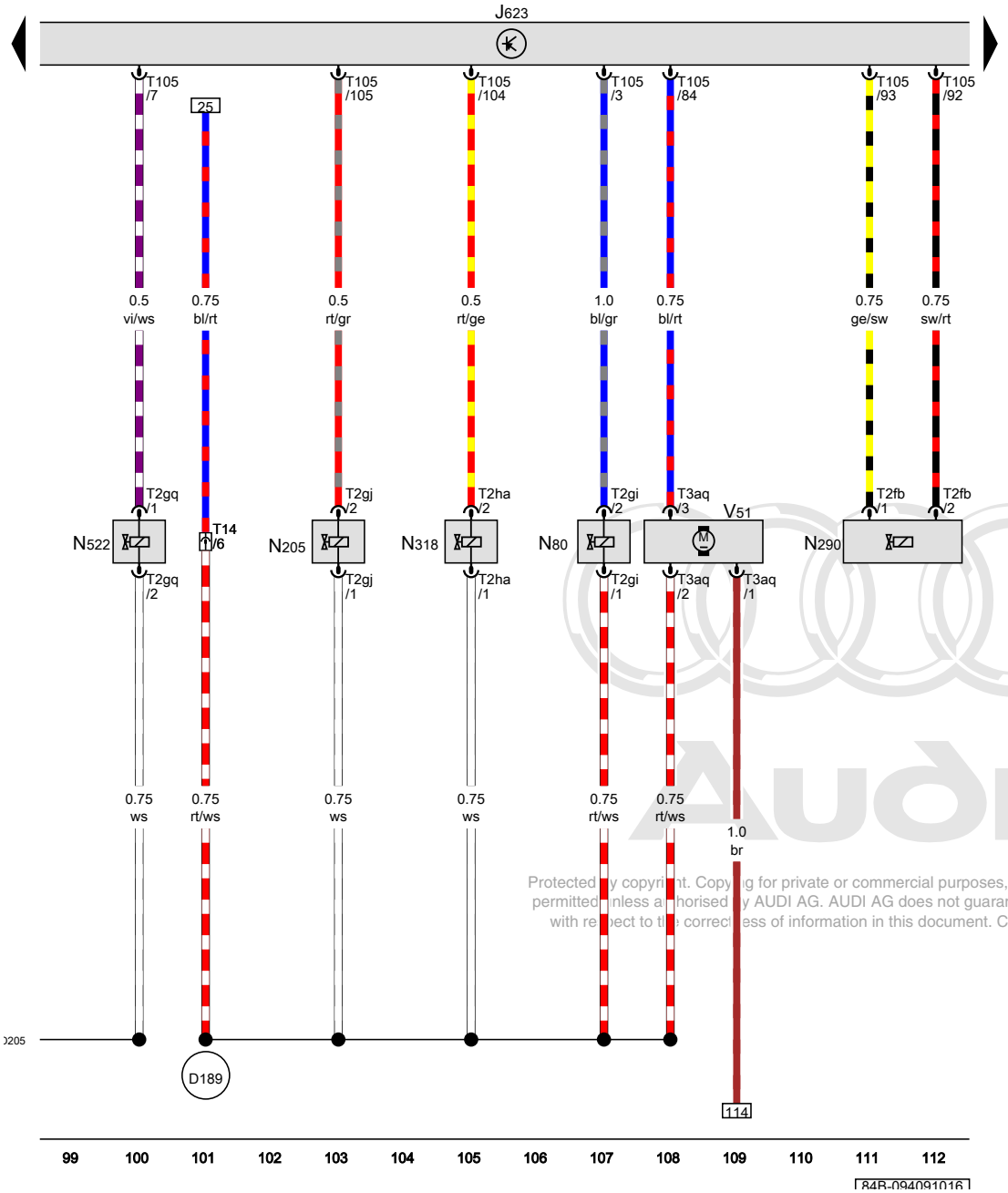


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

J623	Engine control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T2hc	2-pin connector, black
T2hd	2-pin connector, black
T8w	8-pin connector
T105	105-pin connector, black
D205	Connection 3 (87a) in engine prewiring harness

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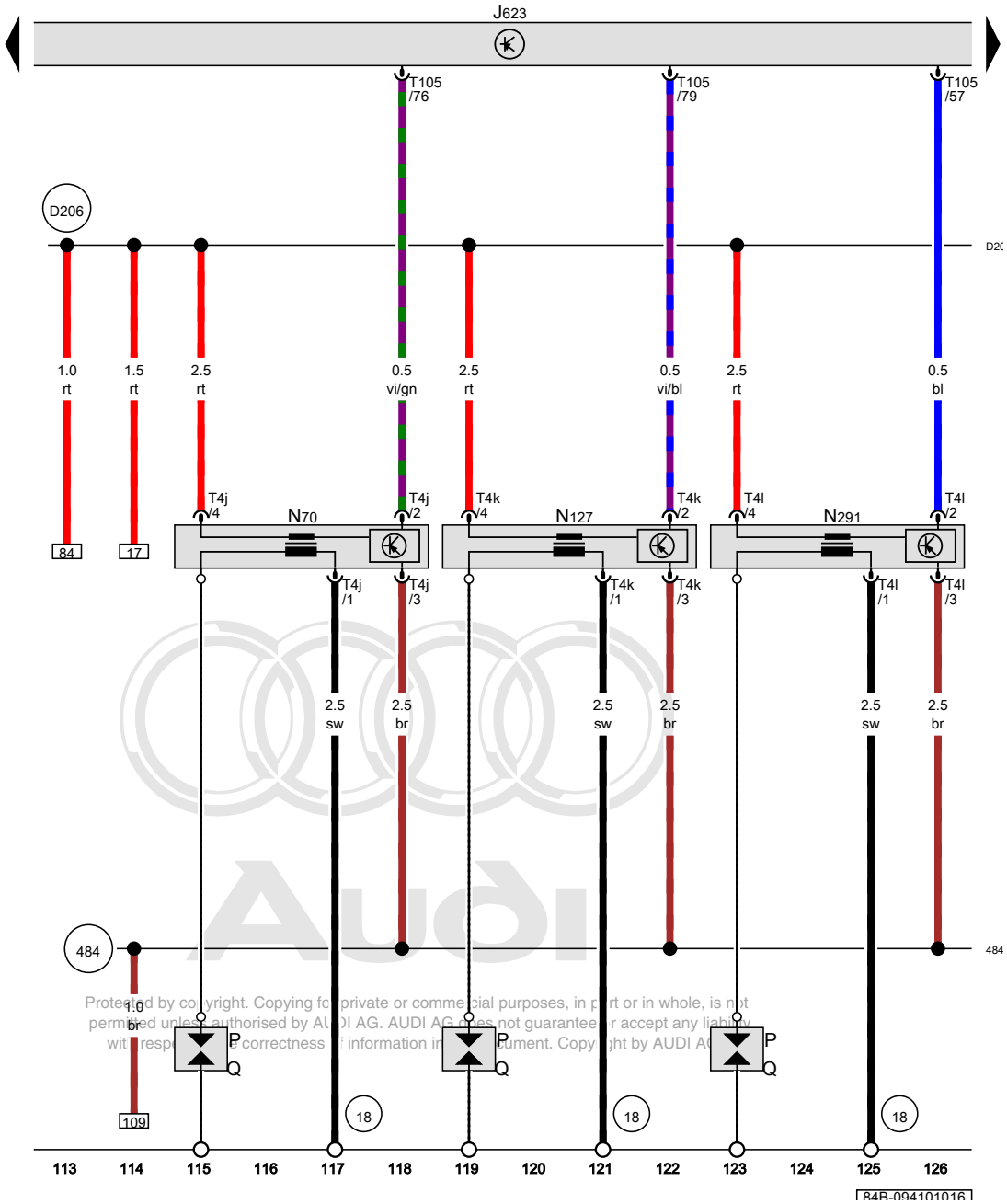


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1, Piston cooling jet control valve, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N290	Fuel metering valve
N318	Exhaust camshaft control valve 1
N522	Piston cooling jet control valve
T2fb	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gq	2-pin connector
T2ha	2-pin connector, black
T3aq	3-pin connector
T14	14-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
D189	Connection (87a) in engine prewiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	According to equipment

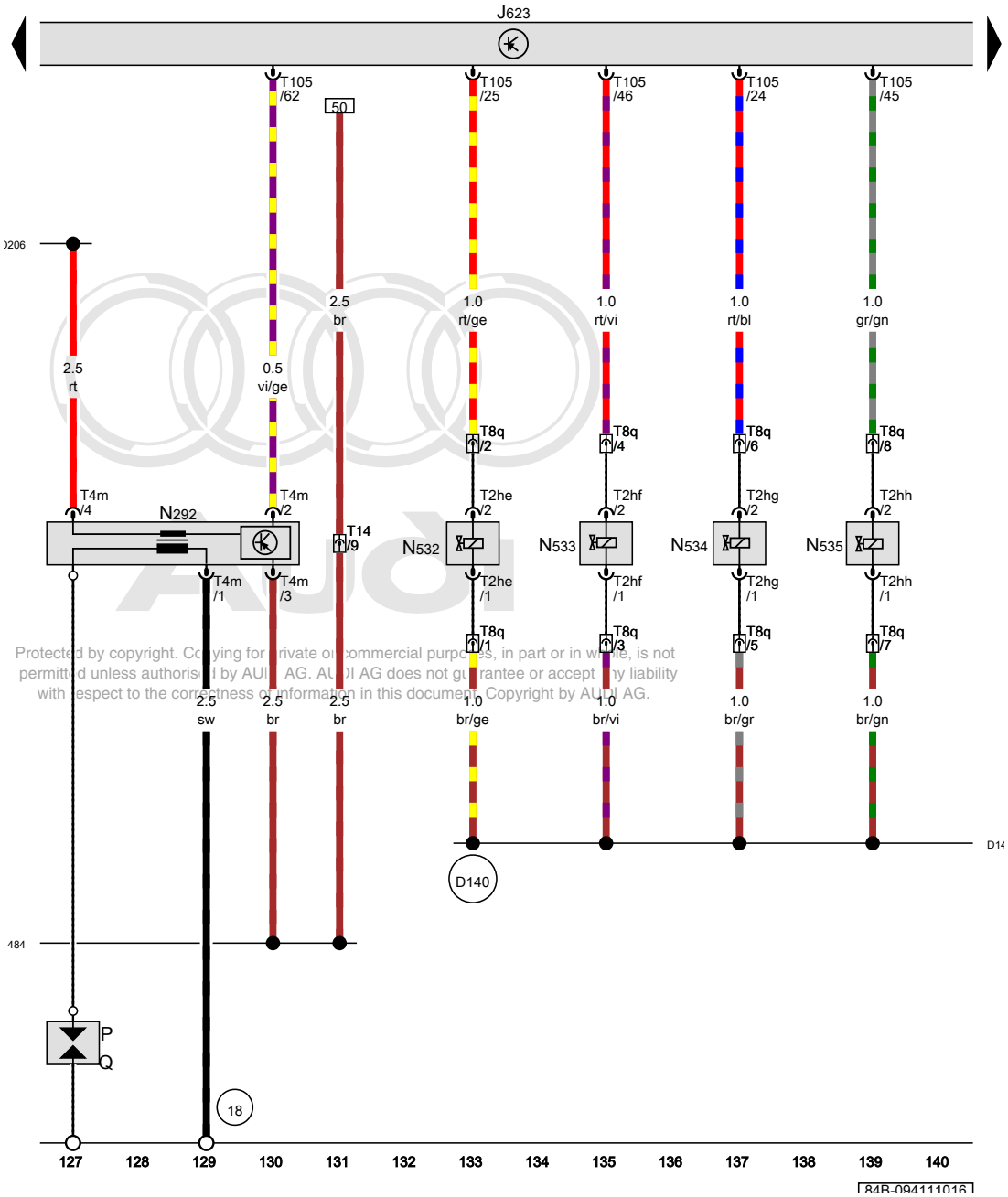


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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

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
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T105	105-pin connector, black
18	Earth point, on cylinder block
484	Earth connection 2 (ignition coils), in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

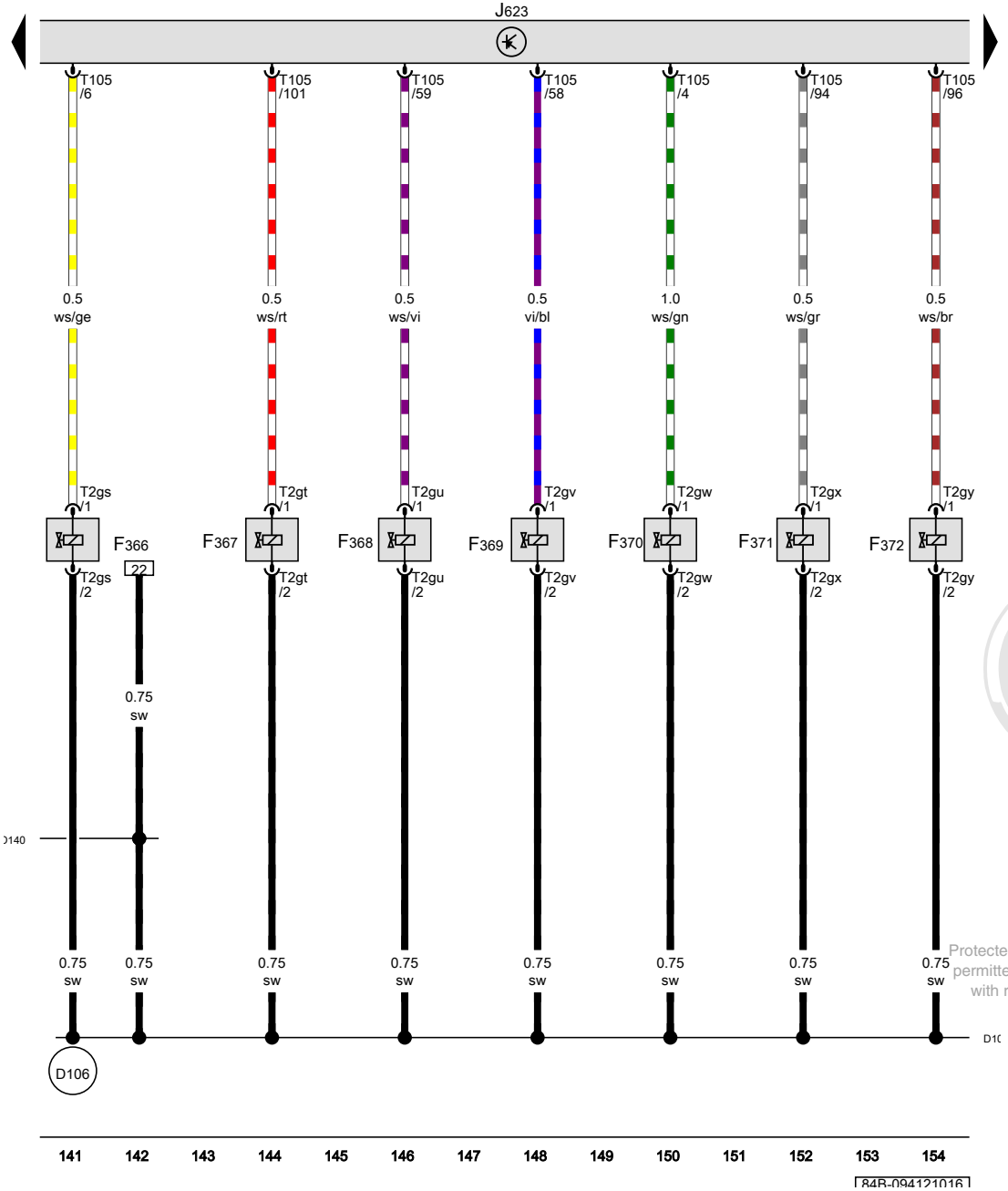


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Engine control unit, Ignition coil 4 with output stage, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

J623	Engine control unit
N292	Ignition coil 4 with output stage
N532	Injector 2, cylinder 1
N533	Injector 2, cylinder 2
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
P	Spark plug connector
Q	Spark plugs
T2he	2-pin connector, black
T2hf	2-pin connector, black
T2hg	2-pin connector, black
T2hh	2-pin connector, black
T4m	4-pin connector, black
T8q	8-pin connector
T14	14-pin connector, black
T105	105-pin connector, black
18	Earth point, on cylinder block
484	Earth connection 2 (ignition coils), in engine prewiring harness
D140	Connection (injectors), in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness

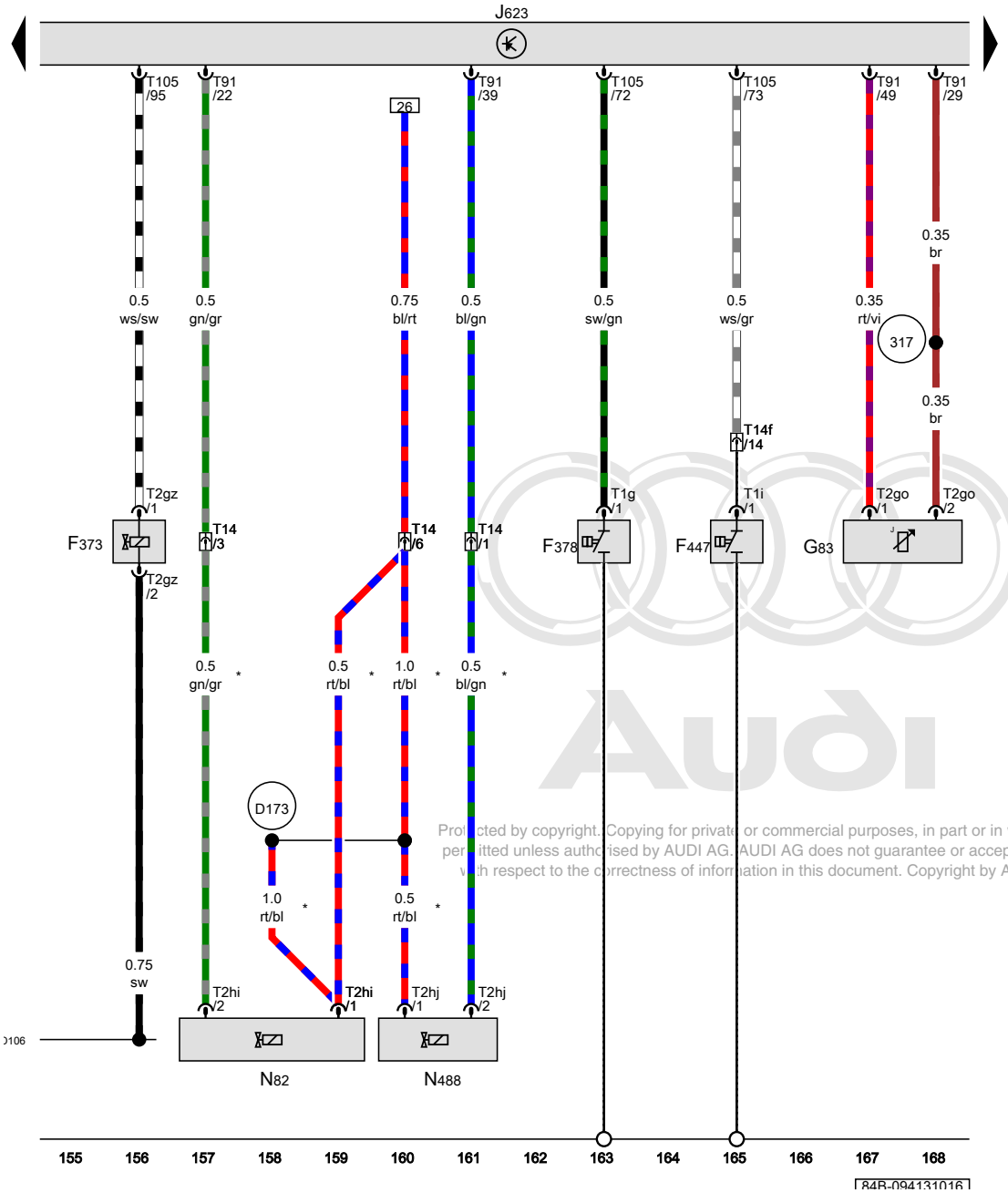


Actuator 1 for camshaft adjustment, Actuator 2 for camshaft adjustment, Actuator 3 for camshaft adjustment, Actuator 4 for camshaft adjustment, Actuator 5 for camshaft adjustment, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Engine control unit

F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
F371	Actuator 6 for camshaft adjustment
F372	Actuator 7 for camshaft adjustment
J623	Engine control unit
T2gs	2-pin connector, black
T2gt	2-pin connector, black
T2gu	2-pin connector, black
T2gv	2-pin connector, black
T2gw	2-pin connector, black
T2gx	2-pin connector, black
T2gy	2-pin connector, black
T105	105-pin connector, black
D106	Connection 4 in engine compartment wiring harness
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
ge	=	yellow
or	=	orange
rs	=	pink

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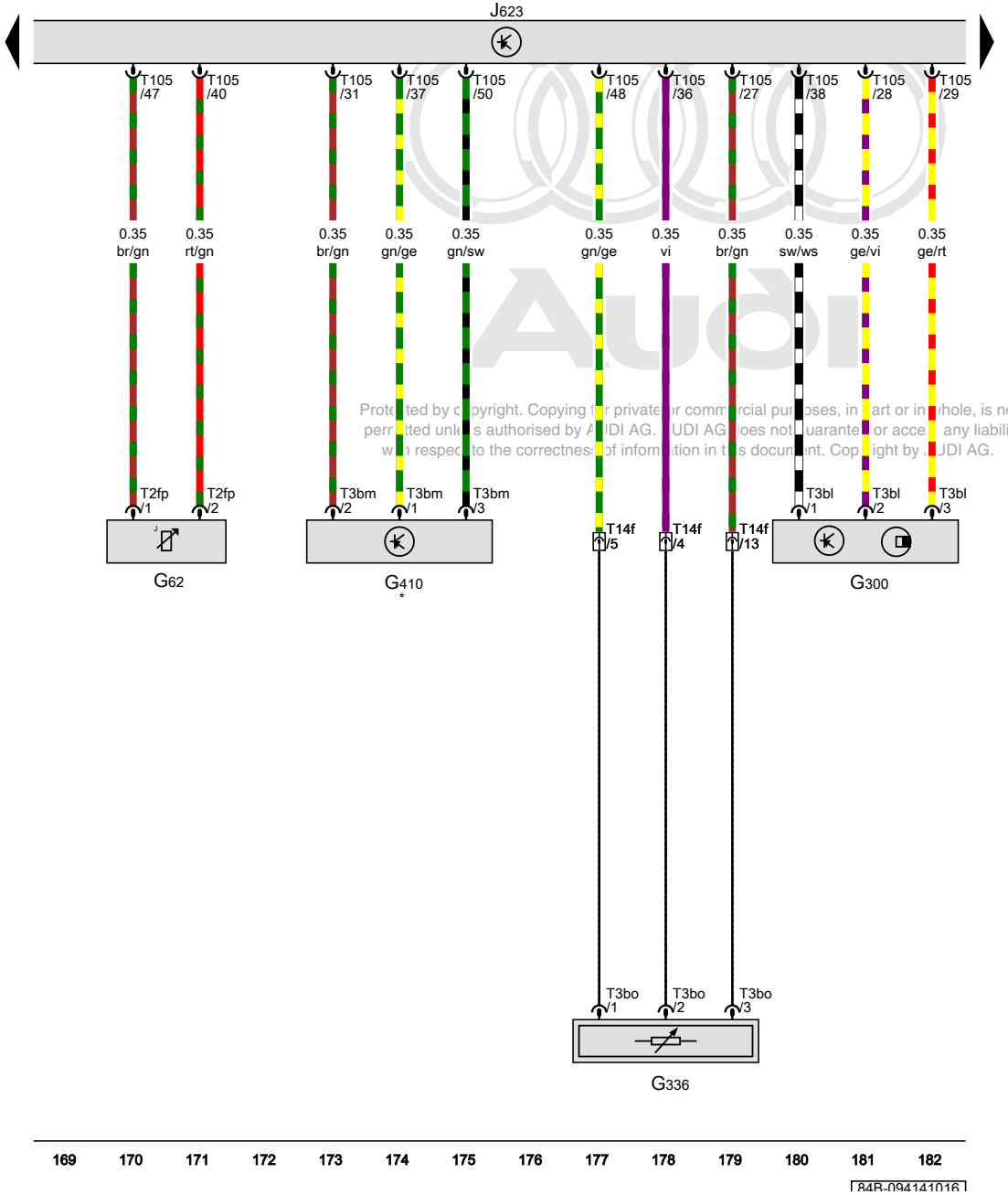
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Actuator 8 for camshaft adjustment, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

F373	Actuator 8 for camshaft adjustment
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
G83	Radiator outlet coolant temperature sender
J623	Engine control unit
N82	Coolant shut-off valve
N488	Coolant valve for gearbox
T1g	1-pin connector, black
T1i	1-pin connector
T2go	2-pin connector, black
T2gz	2-pin connector, black
T2hi	2-pin connector
T2hj	2-pin connector, black
T14	14-pin connector, black
T14f	14-pin connector, in engine compartment
T91	91-pin connector, black
T105	105-pin connector, black
317	Earth connection 7, in engine compartment wiring harness
D106	Connection 4 in engine compartment wiring harness
D173	Connection (87), in engine prewiring harness
*	According to equipment

Coolant temperature sender, Hall sender 3, Intake manifold flap potentiometer, Engine control unit



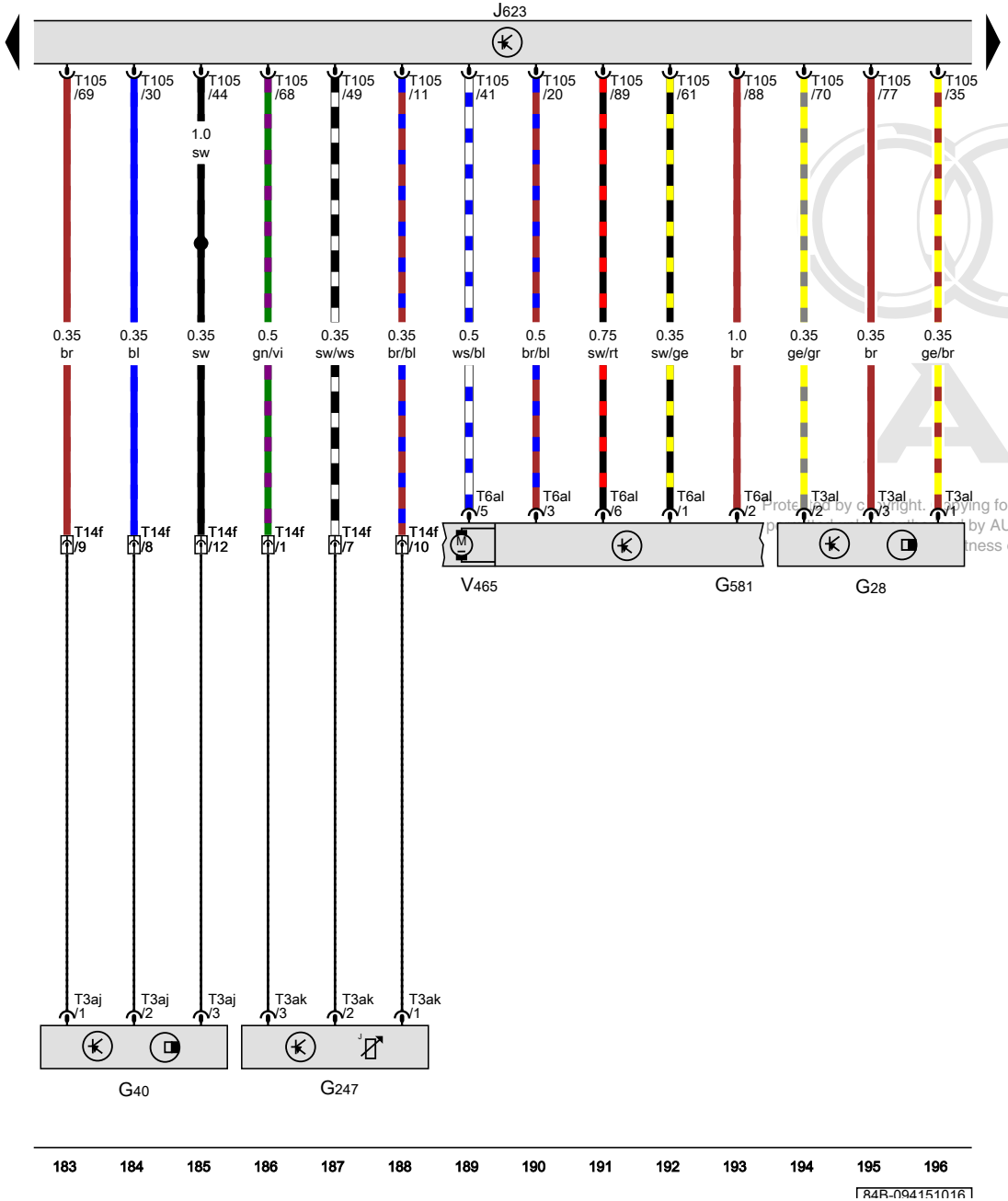
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G62	Coolant temperature sender
G300	Hall sender 3
G336	Intake manifold flap potentiometer
G410	Fuel pressure sender for low pressure
J623	Engine control unit
T2fp	2-pin connector, black
T3bl	3-pin connector, black
T3bm	3-pin connector
T3bo	3-pin connector
T14f	14-pin connector, in engine compartment
T105	105-pin connector, black
*	According to equipment

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
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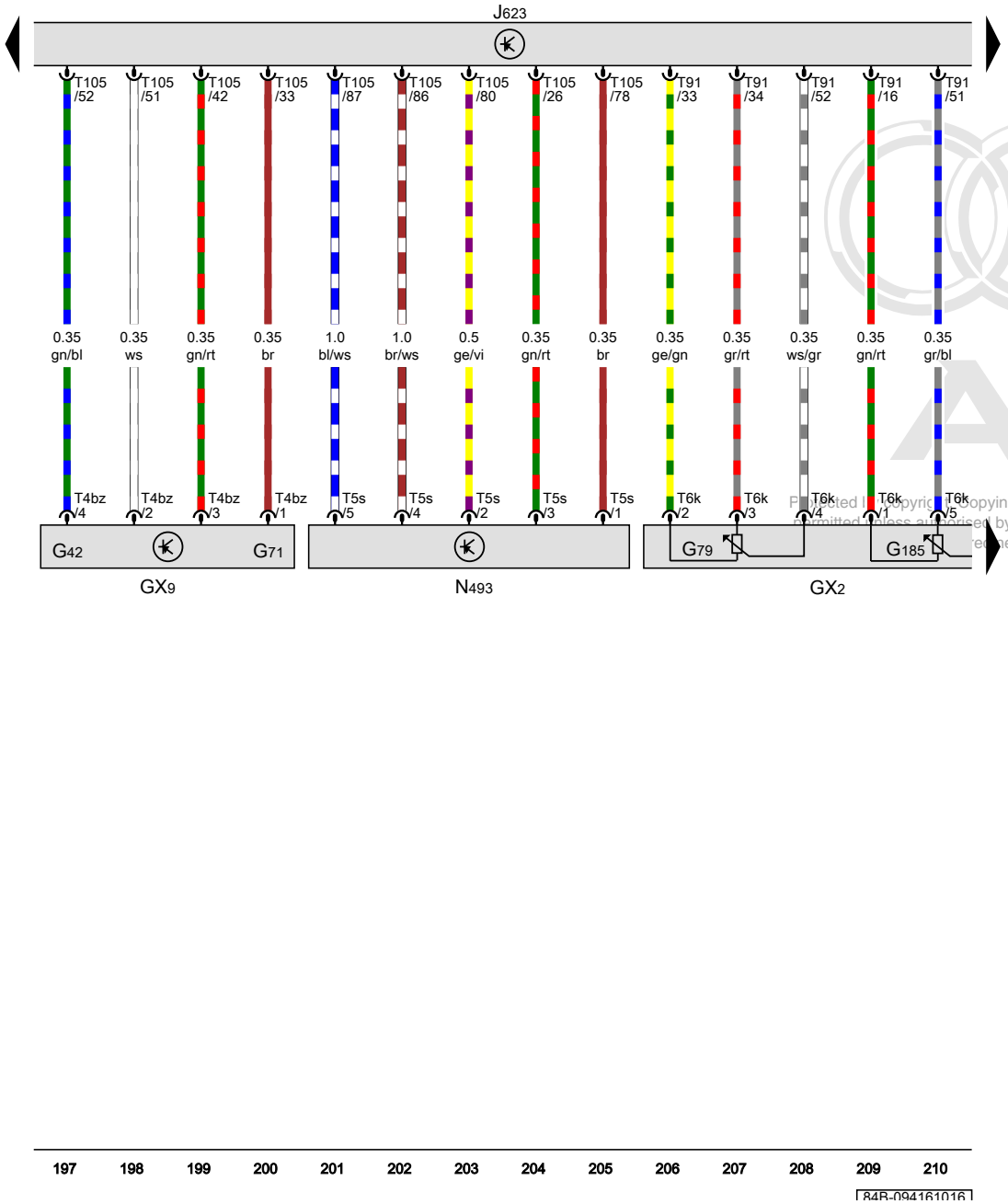
Engine speed sender, Hall sender, Fuel pressure sender, Engine control unit, Charge pressure positioner

G28	Engine speed sender
G40	Hall sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
J623	Engine control unit
T3aj	3-pin connector, black
T3ak	3-pin connector
T3al	3-pin connector, dark brown
T6al	6-pin connector, black
T14f	14-pin connector, in engine compartment
T105	105-pin connector, black
V465	Charge pressure positioner



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br	=	brown
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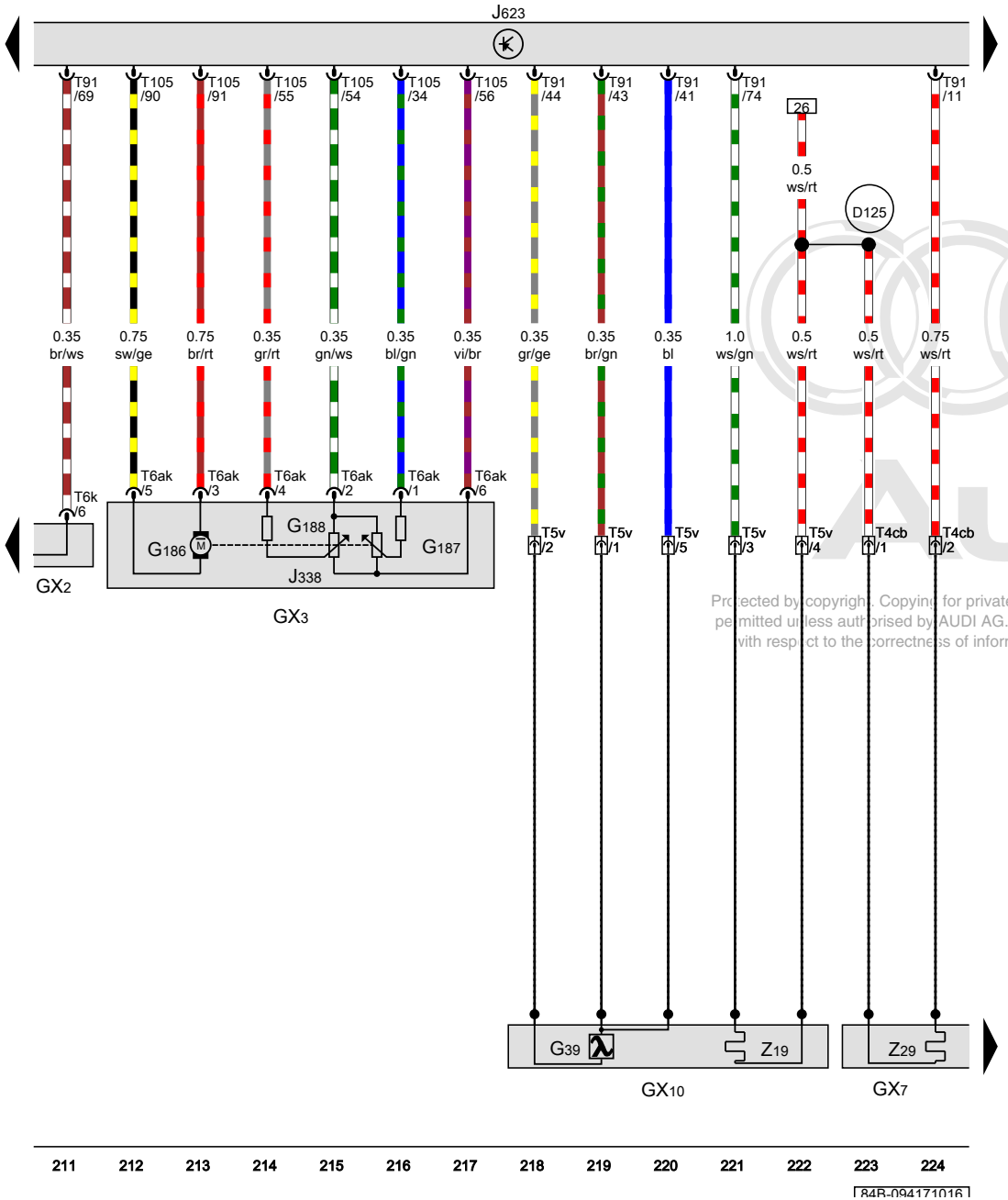


Accelerator pedal module, Intake manifold sender, Intake air temperature sender, Intake manifold pressure sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Actuator for engine temperature regulation

GX2	Accelerator pedal module
GX9	Intake manifold sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
N493	Actuator for engine temperature regulation
T4bz	4-pin connector
T5s	5-pin connector, black
T6k	6-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black

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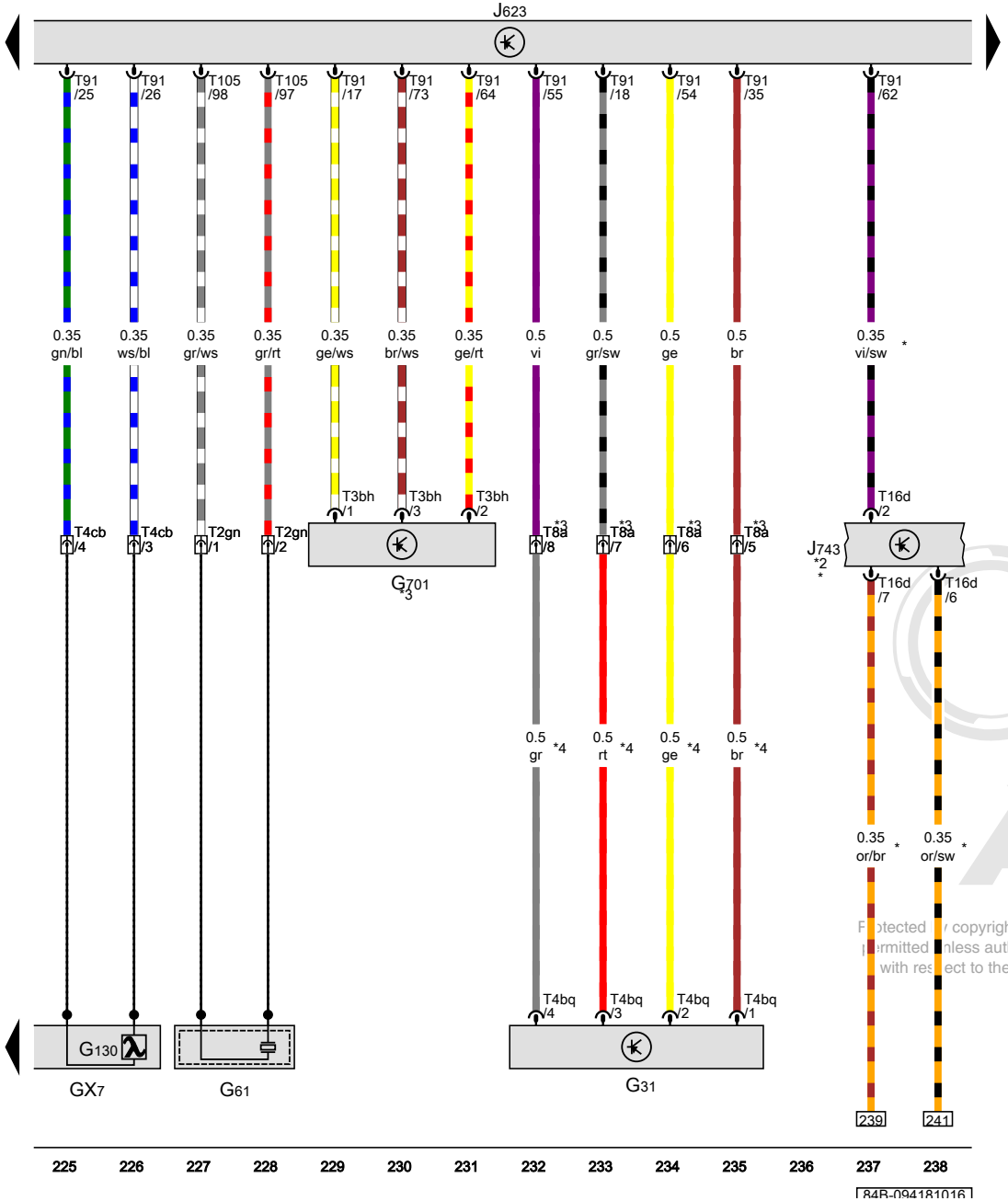


Accelerator pedal module, Throttle valve module, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Throttle valve module, Engine control unit

GX2	Accelerator pedal module
GX3	Throttle valve module
GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
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
T4cb	4-pin connector, black
T5v	5-pin connector, grey
T6ak	6-pin connector, black
T6k	6-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness

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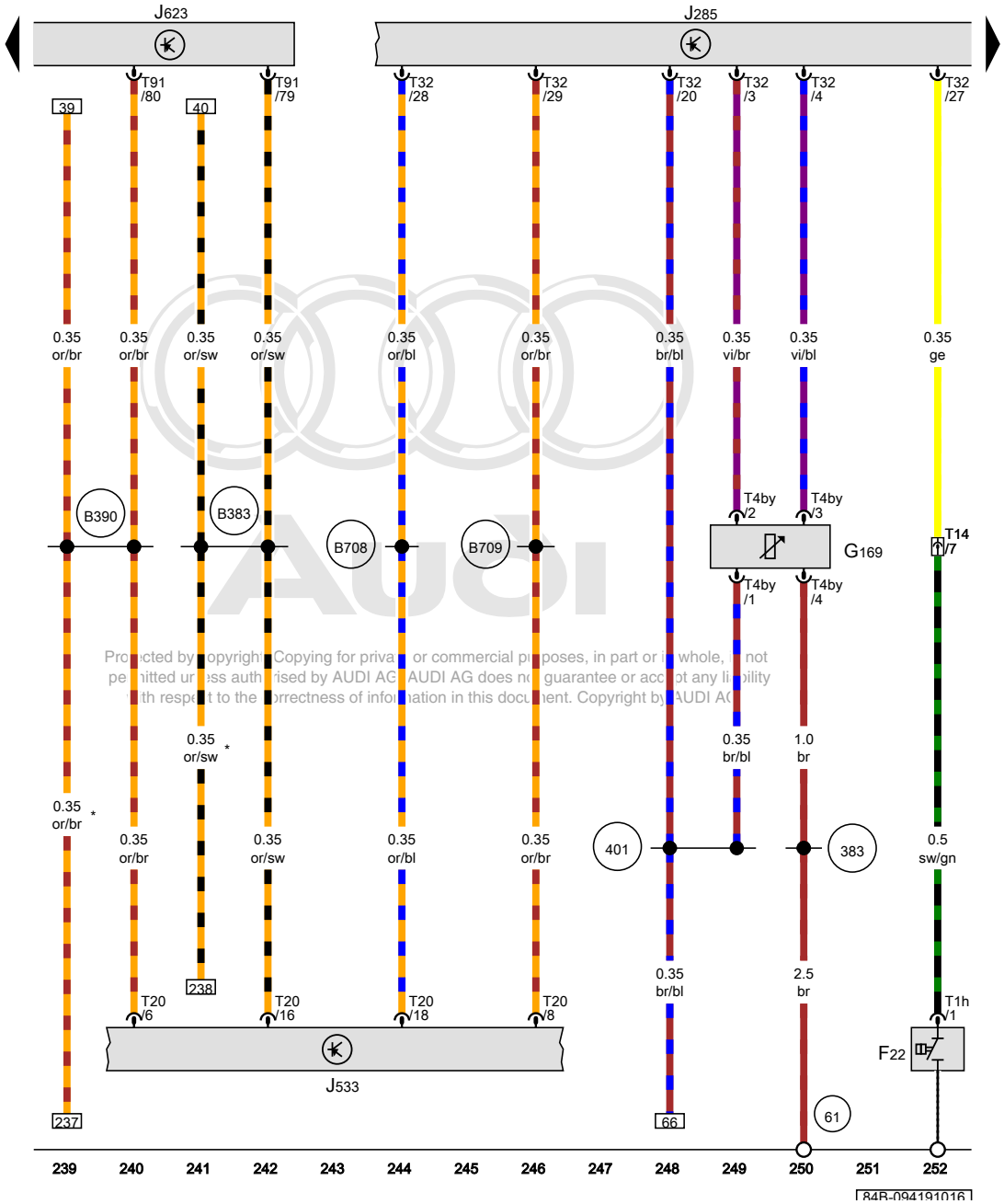


Lambda probe 1 after catalytic converter, Charge pressure sender, Knock sensor 1, Lambda probe after catalytic converter, Gearbox neutral position sender, Engine control unit, Mechatronic unit for dual clutch gearbox

GX7	Lambda probe 1 after catalytic converter
G31	Charge pressure sender
G61	Knock sensor 1
G130	Lambda probe after catalytic converter
G701	Gearbox neutral position sender
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T2gn	2-pin connector, black
T3bh	3-pin connector, black, brown
T4bq	4-pin connector, black
T4cb	4-pin connector, black
T8a	8-pin connector
T16d	16-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
*	Only models with dual clutch gearbox
*2	see applicable current flow diagram
*3	According to 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
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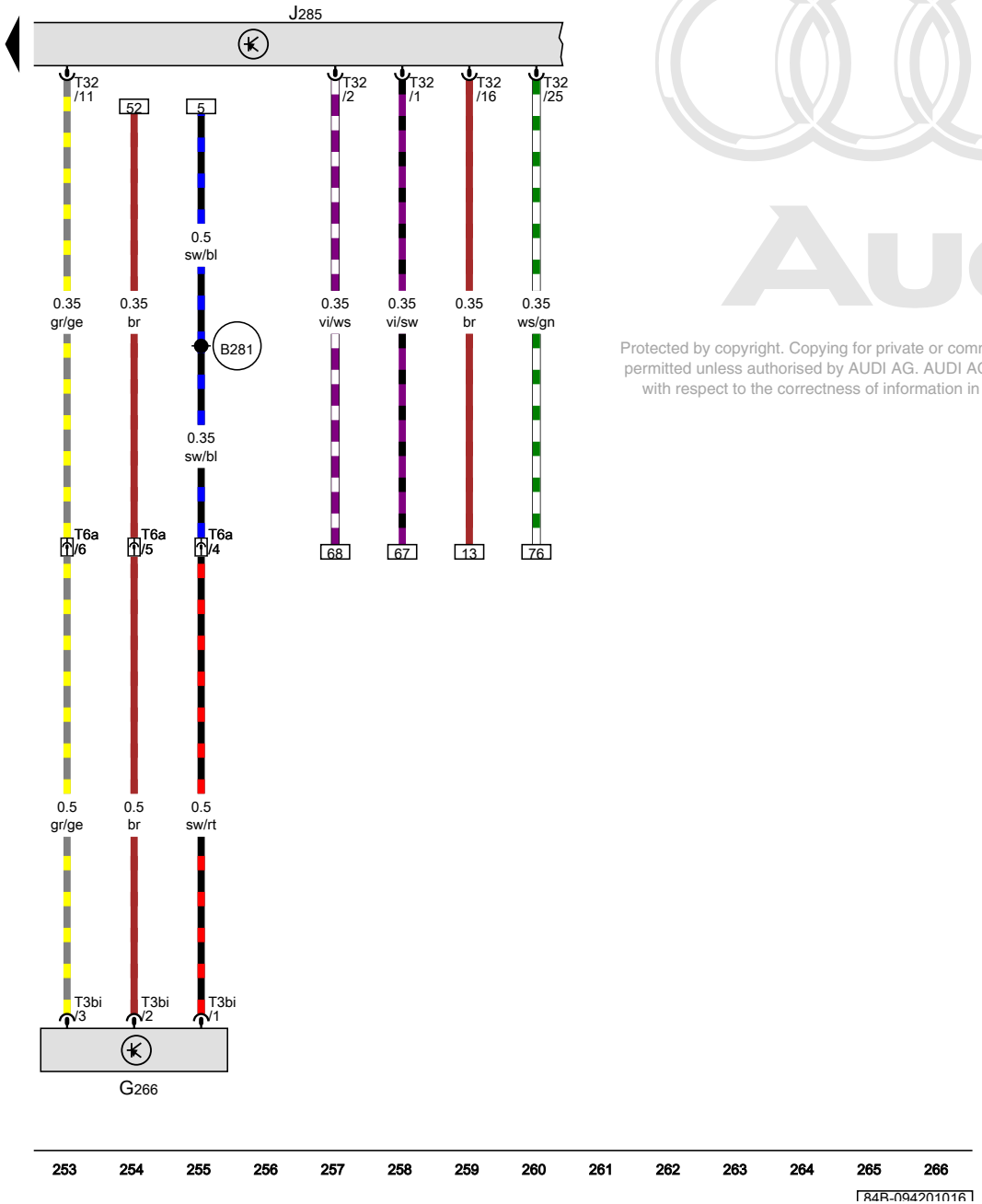


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Oil pressure switch, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit

F22	Oil pressure switch
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
T1h	1-pin connector, dark blue
T4by	4-pin connector
T14	14-pin connector, black
T20	20-pin connector, red
T32	32-pin connector, blue
T91	91-pin connector, black
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	Only models with dual clutch gearbox



Control unit in dash panel insert

G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
T3bi	3-pin connector, black
T6a	6-pin connector, black
T32	32-pin connector, blue
B281	Positive connection 5 (15a) in main wiring harness

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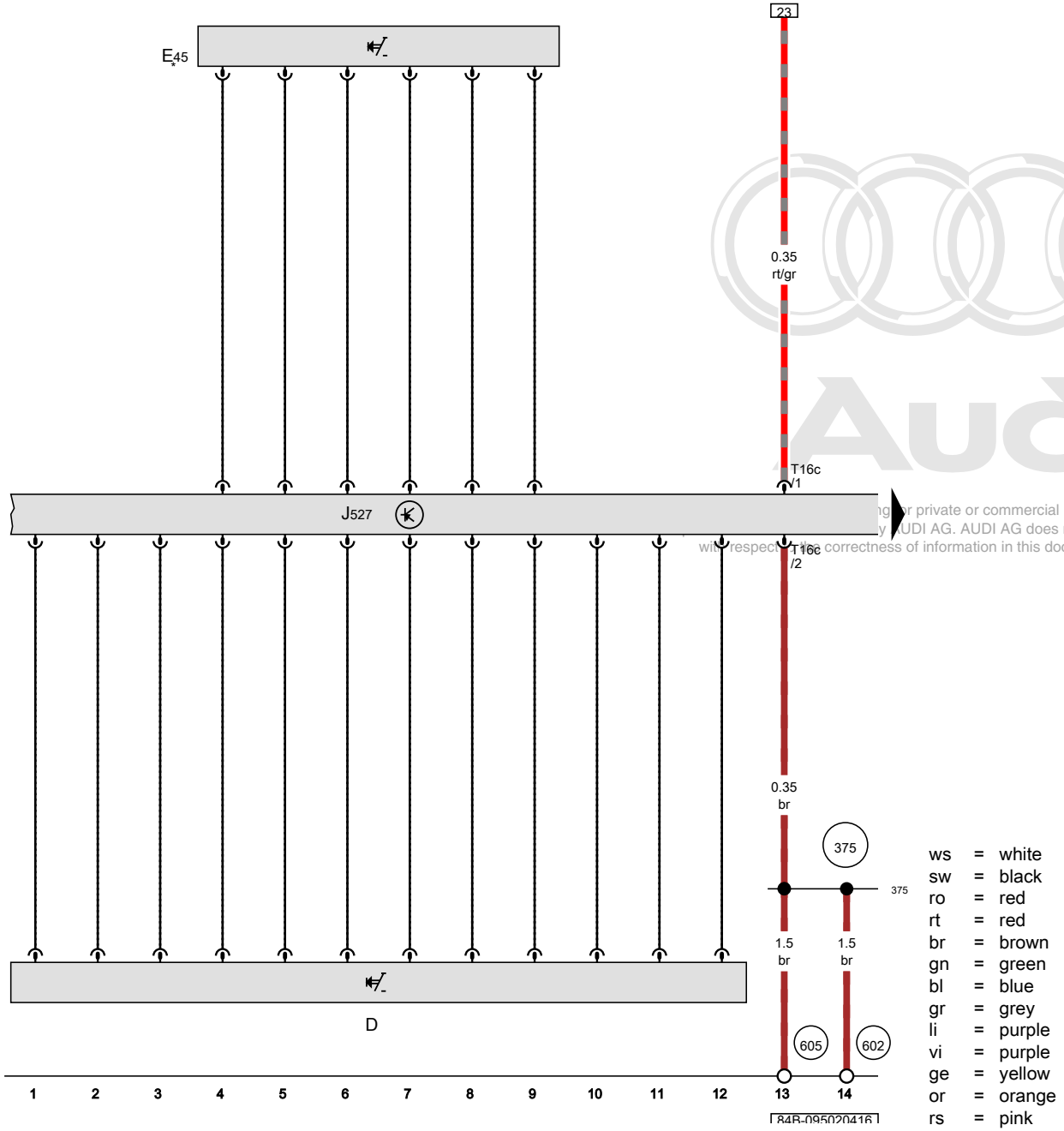
1.4l petrol engine , CSSA

From October 2015

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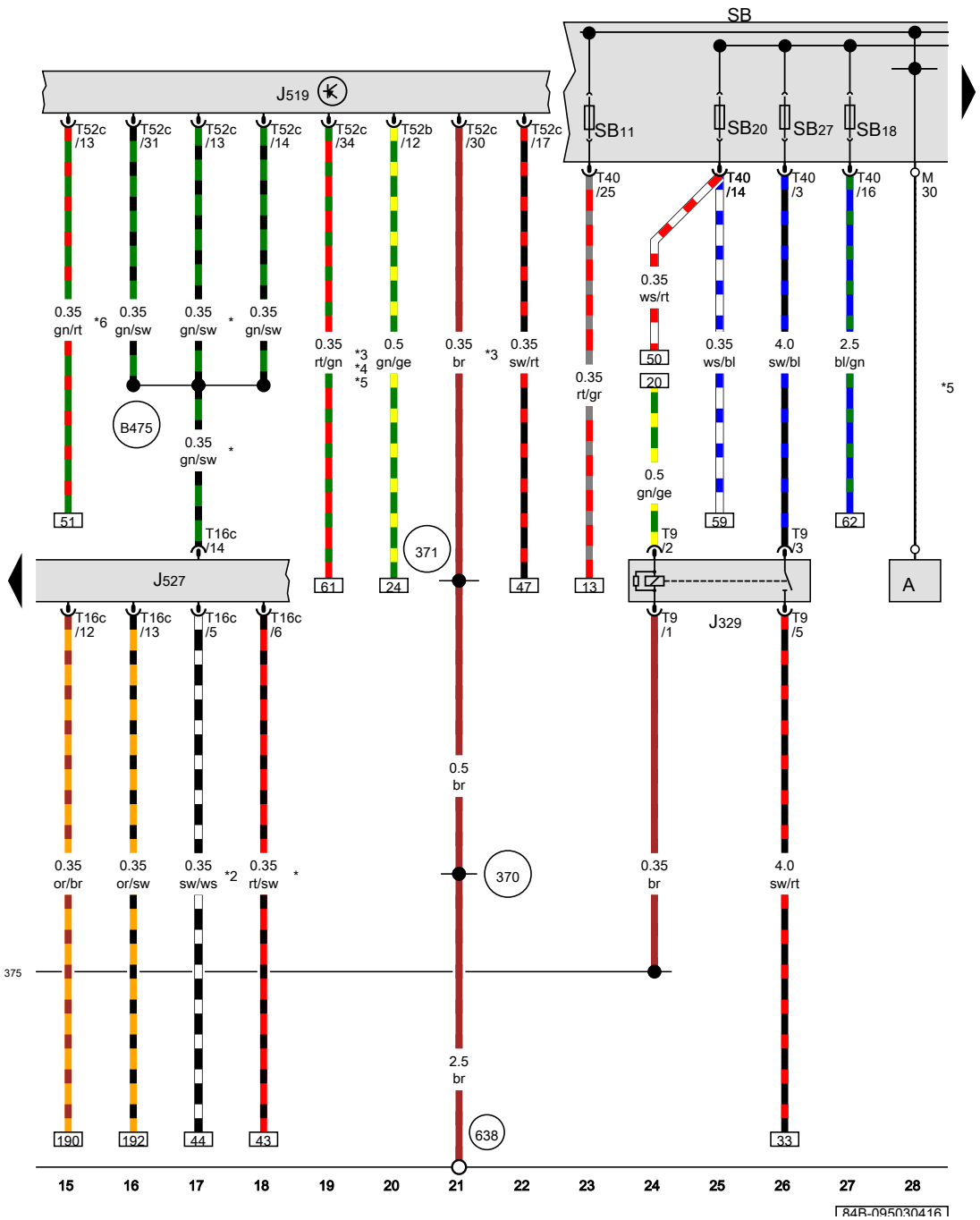
Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
T16c	16-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only 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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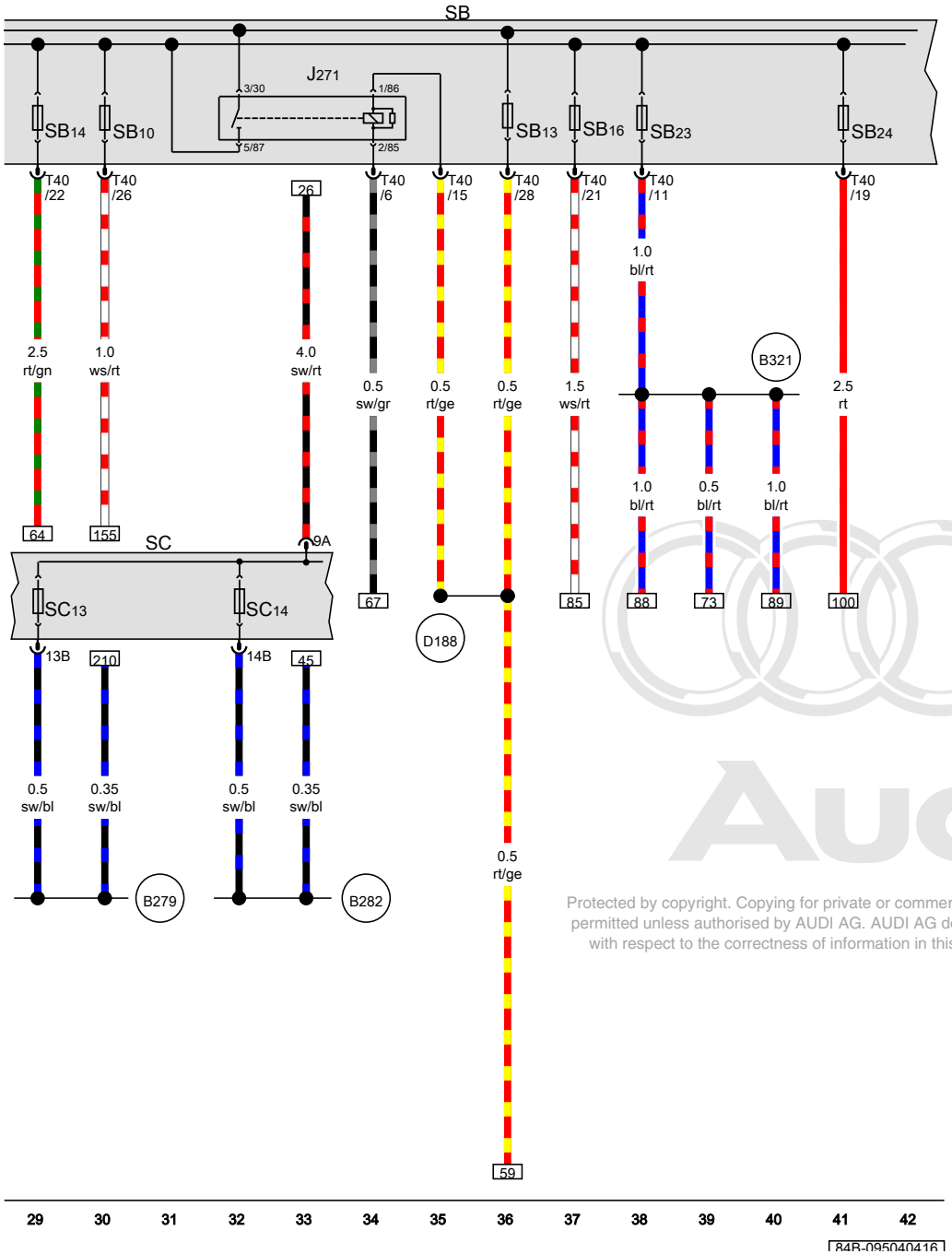


ws = white
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ro = red
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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder B

A	Battery
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
T9	9-pin connector, black
T16c	16-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only models with entry and start authorisation

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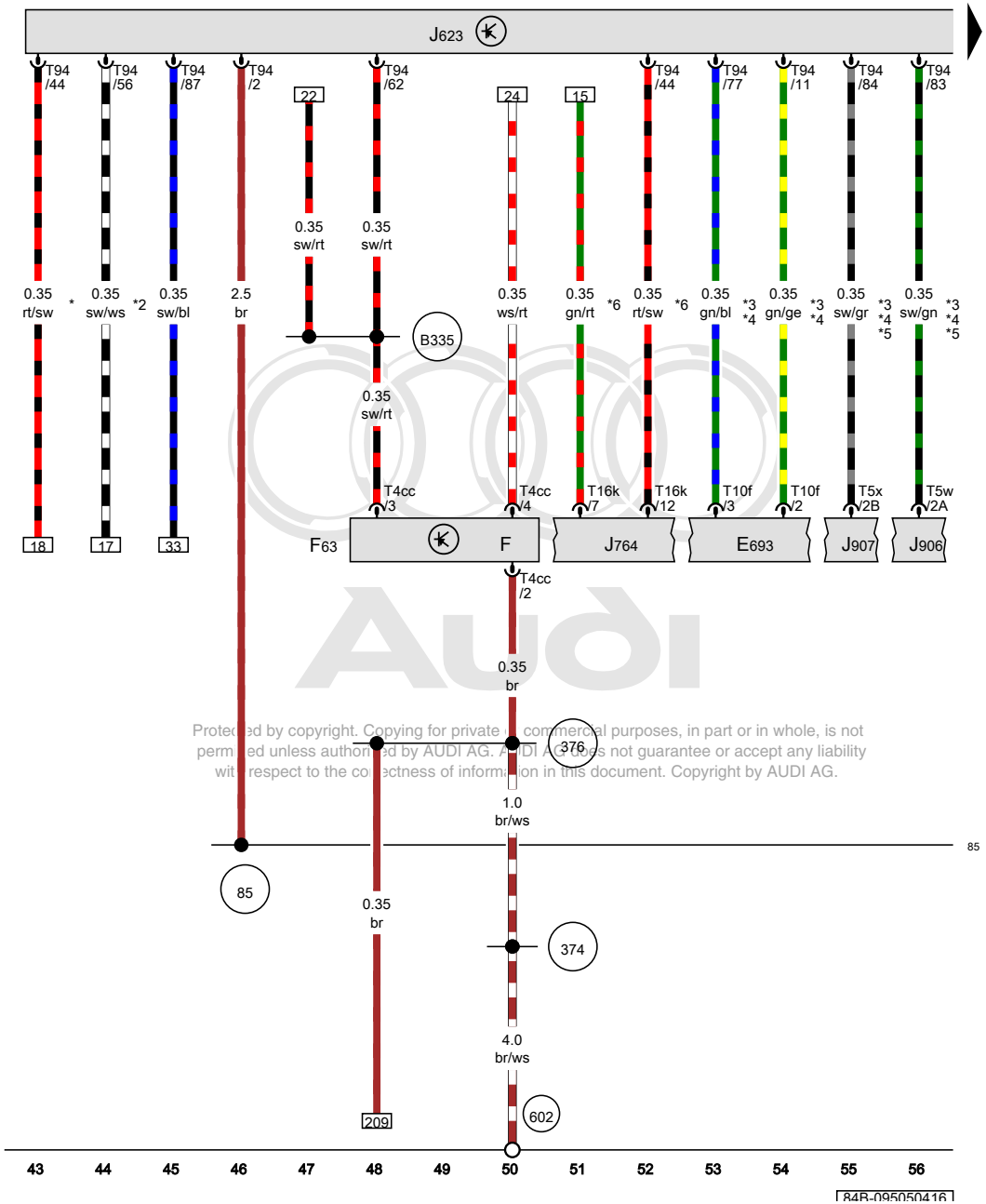
Main relay, Fuse holder B

J271	Main relay
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC14	Fuse 14 on fuse holder C
SB16	Fuse 16 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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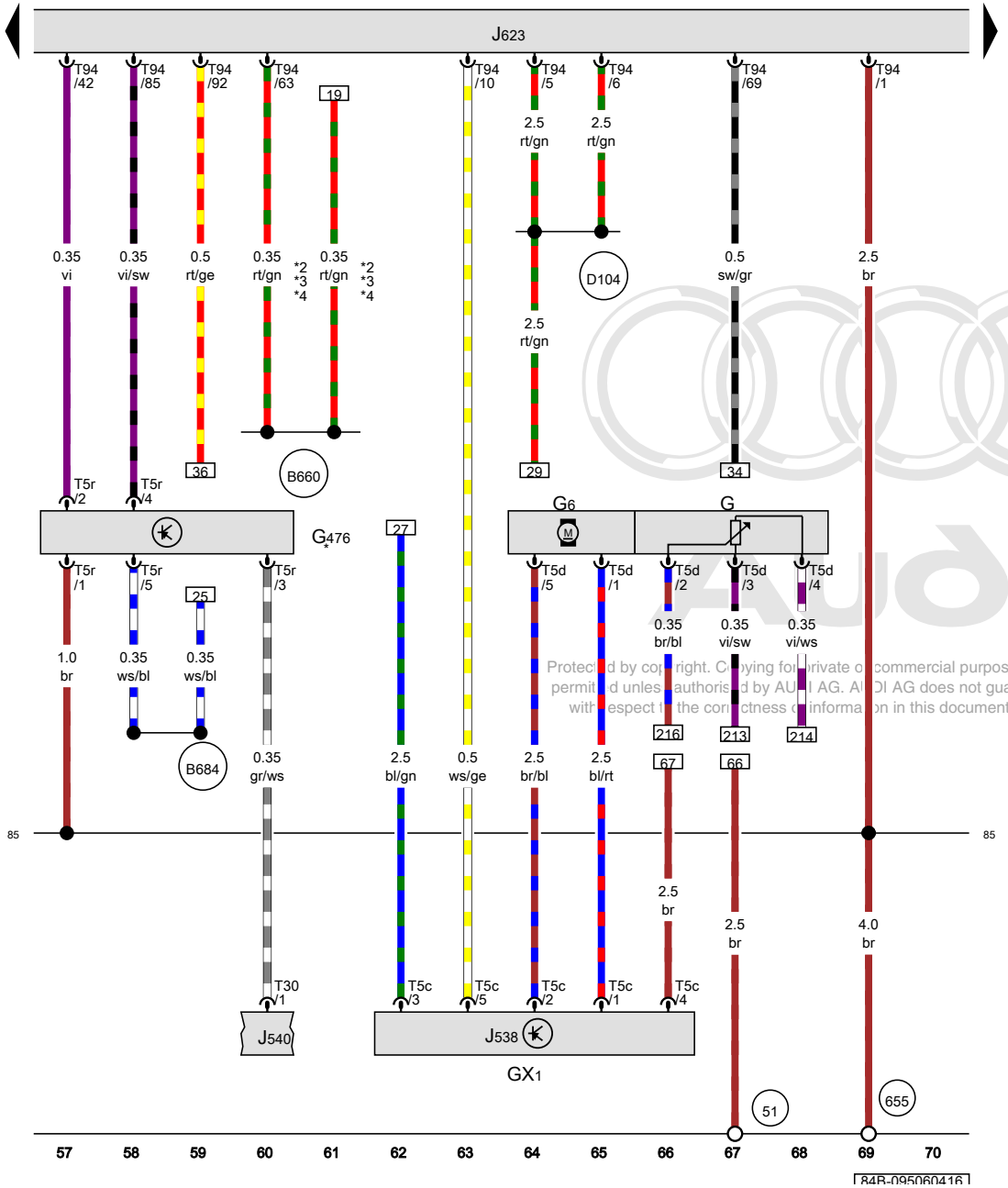
Brake light switch, Brake pedal switch, Engine control unit



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E693	Start/Stop operation button
F	Brake light switch
F63	Brake pedal switch
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T4cc	4-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T16k	16-pin connector
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	see applicable current flow diagram for battery in engine compartment
*5	Only models with energy recovery
*6	Only models with entry and start authorisation

ws	=	white
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rt	=	red
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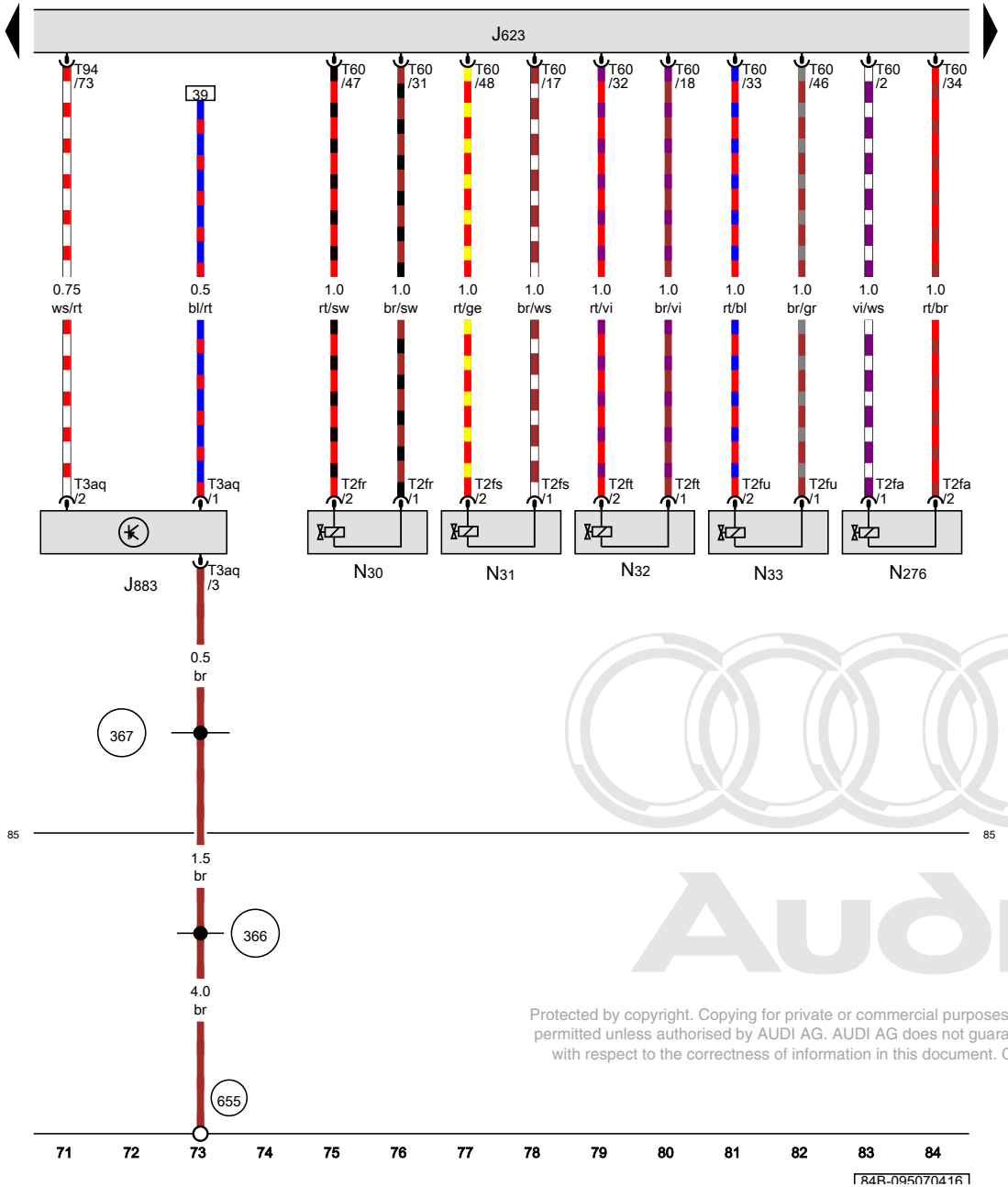


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Clutch position sender, Engine control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T5r	5-pin connector, black
T30	30-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
655	Earth point, on left headlight
B660	Connection (diagnosis terminal 50), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Only models with energy recovery
*4	see applicable current flow diagram for battery in engine compartment

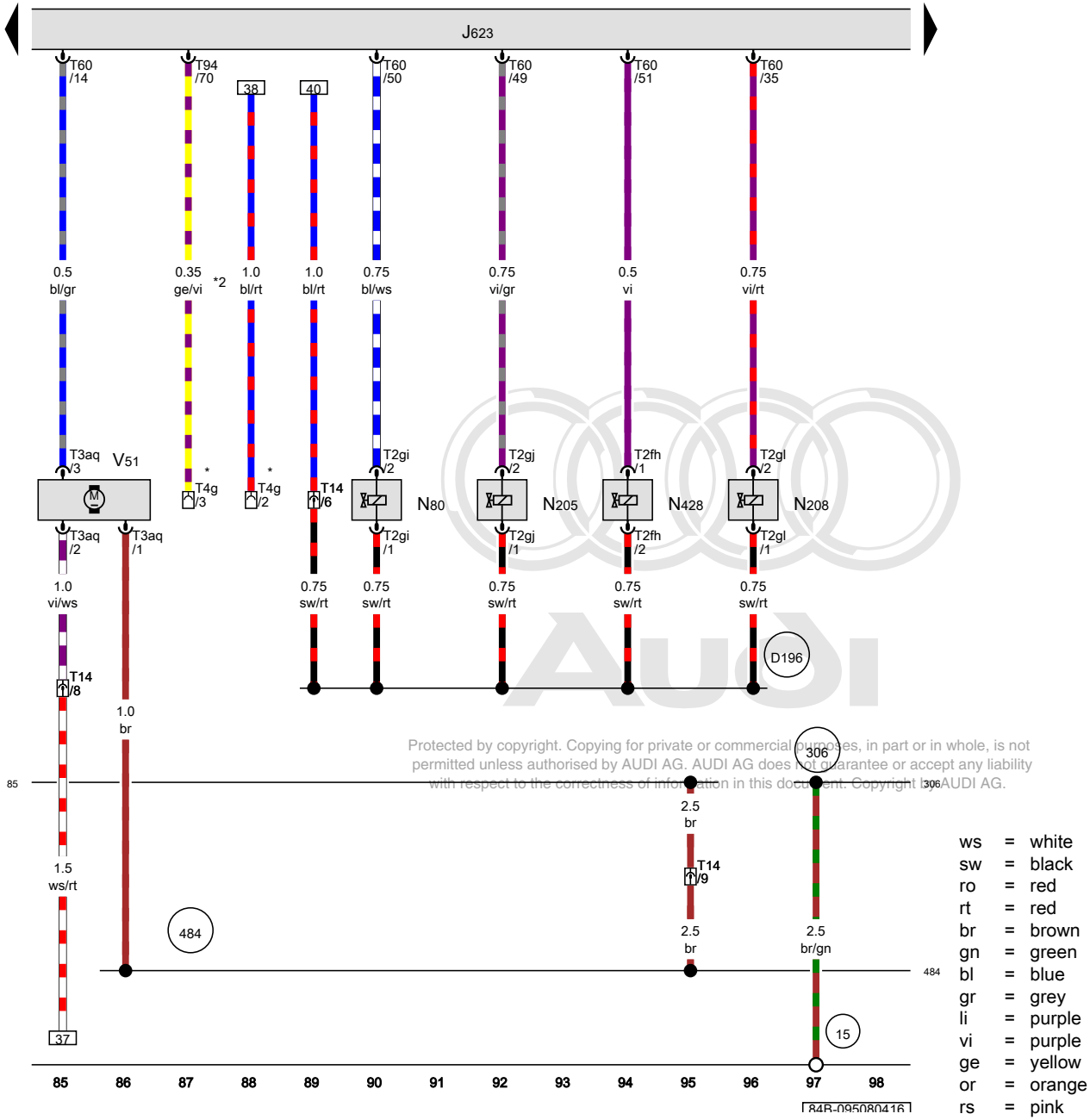


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

J623	Engine control unit
J883	Exhaust flap control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N276	Fuel pressure regulating valve
T2fa	2-pin connector
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T3aq	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight

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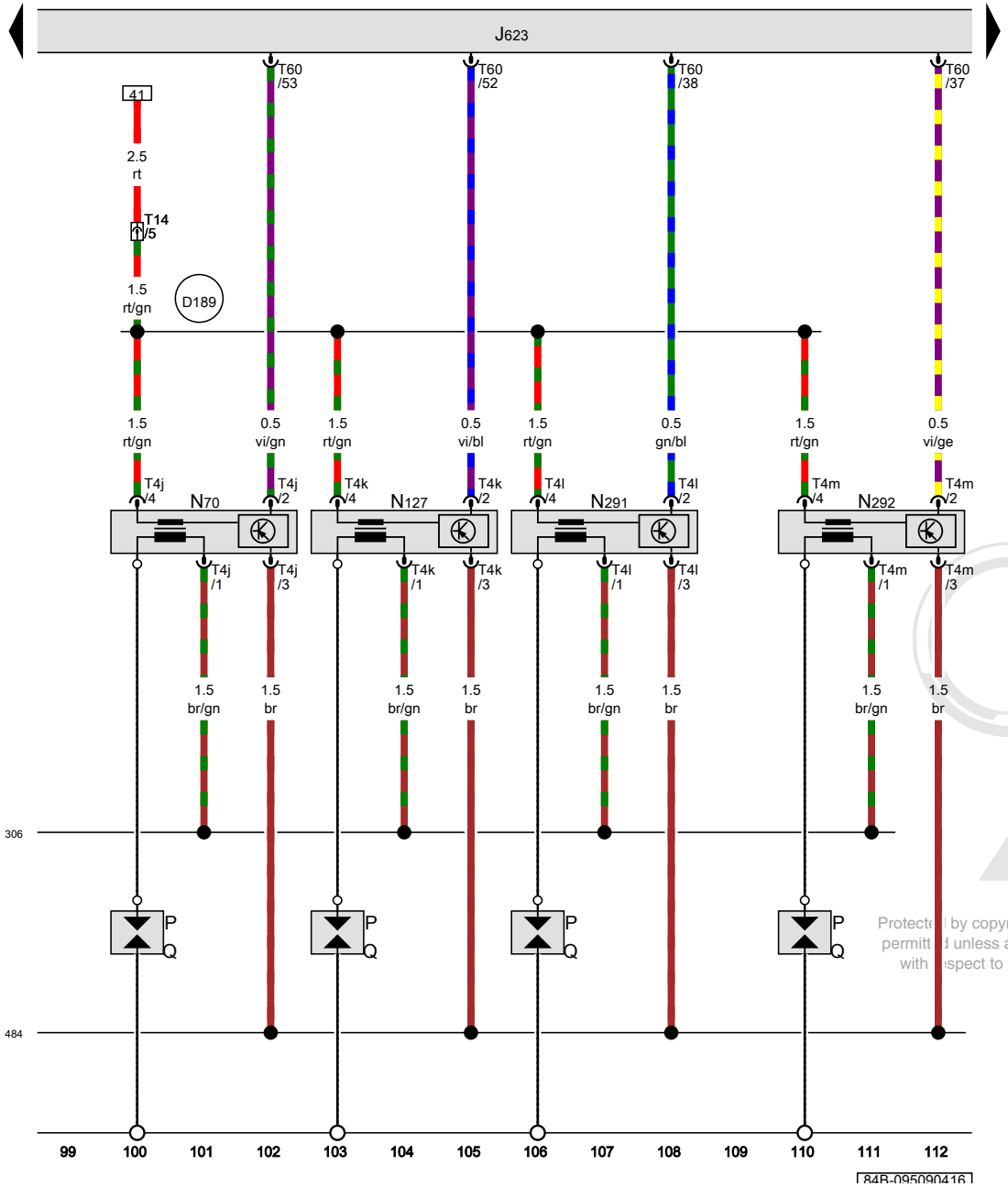


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T3aq	3-pin connector
T4g	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction

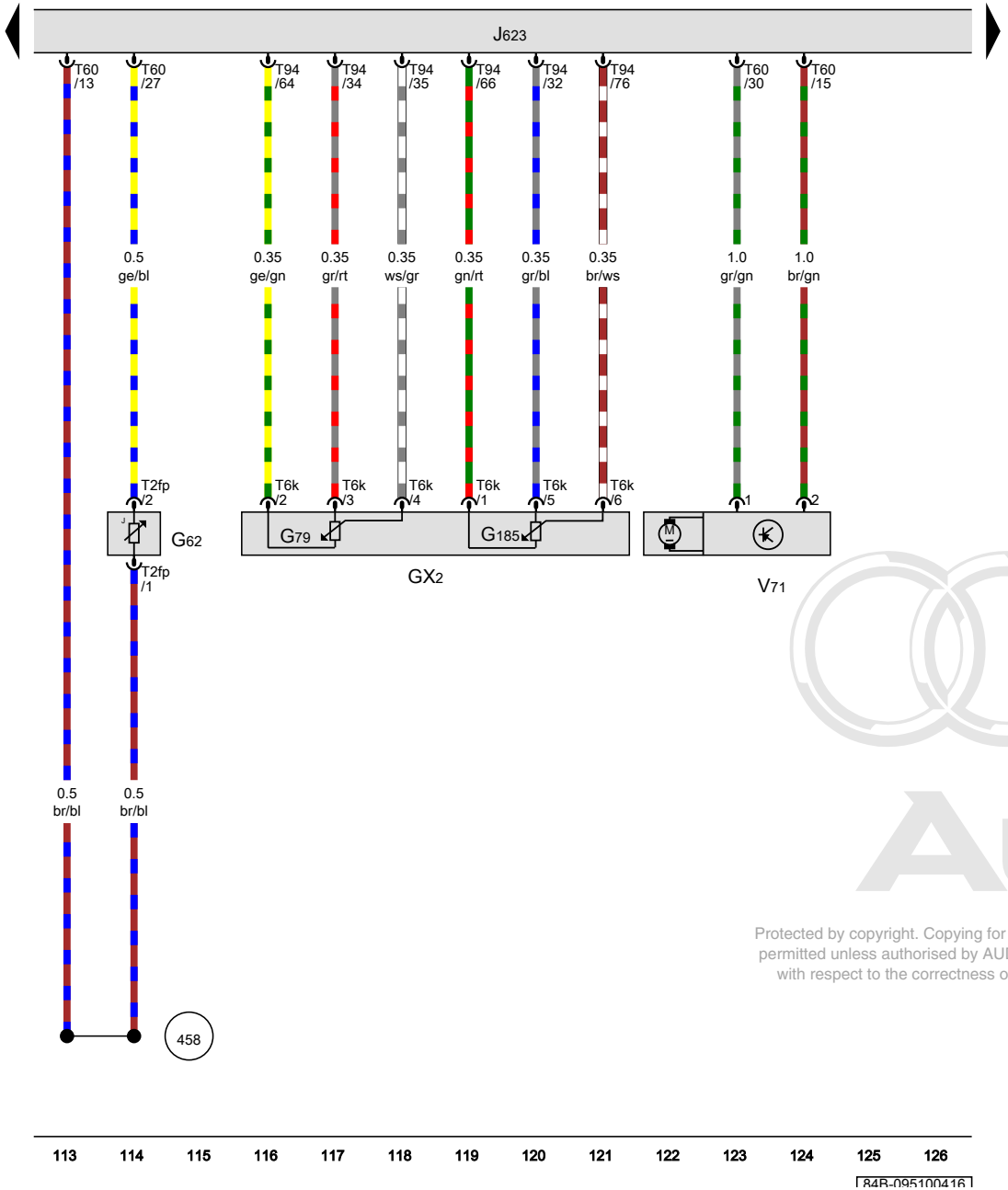


Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring 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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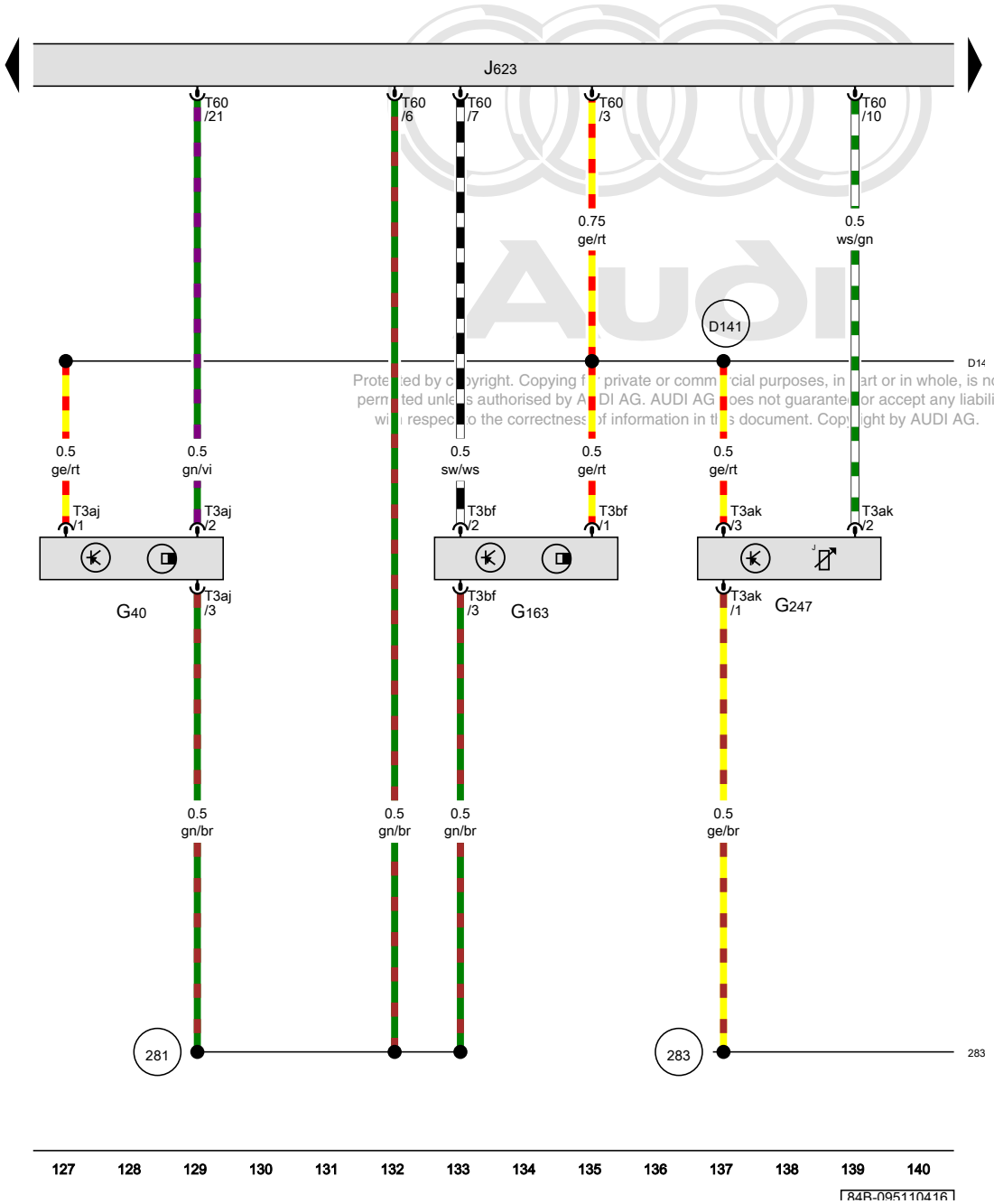


Accelerator pedal module, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Air flow flap control motor

GX2	Accelerator pedal module
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2fp	2-pin connector, black
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
458	Earth point 3, engine prewiring harness

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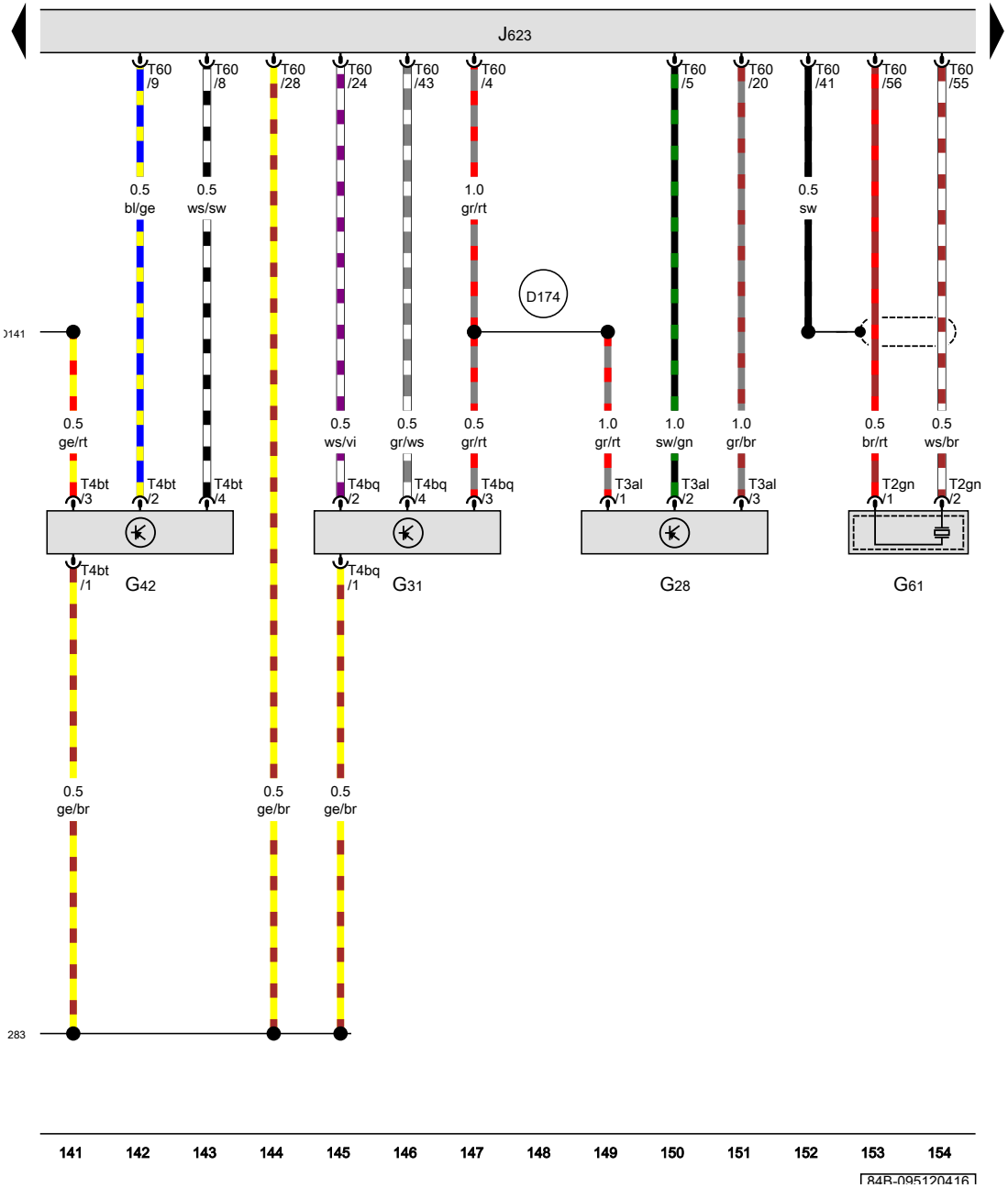


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Hall sender, Hall sender 2, Fuel pressure sender, Engine control unit

G40	Hall sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T3aj	3-pin connector, black
T3ak	3-pin connector, on fuel pressure sender
T3bf	3-pin connector
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

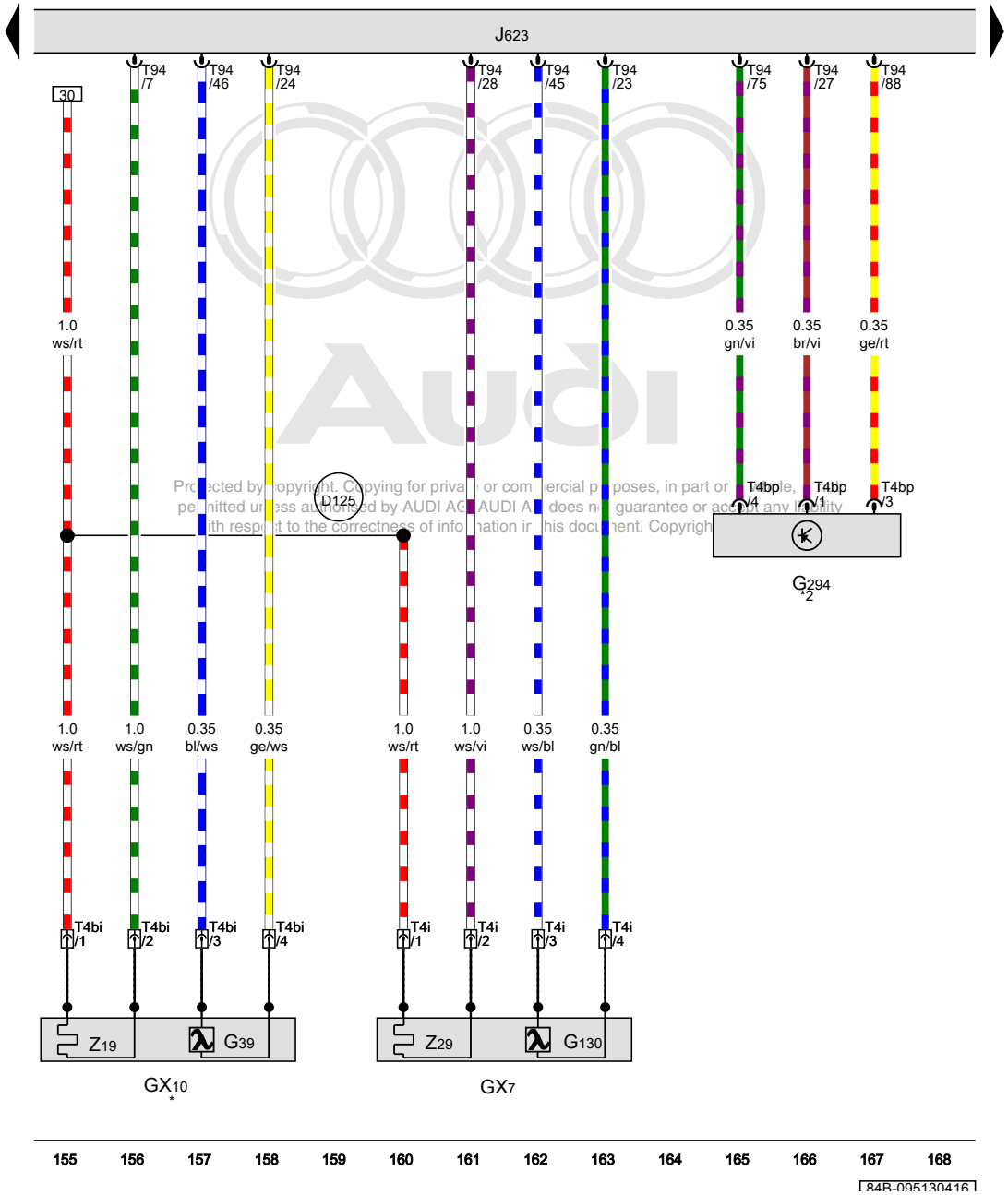


Engine speed sender, Charge pressure sender, Intake air temperature sender, Knock sensor 1, Engine control unit

G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G61	Knock sensor 1
J623	Engine control unit
T2gn	2-pin connector, black
T3al	3-pin connector, dark brown
T4bq	4-pin connector, black
T4bt	4-pin connector, black
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

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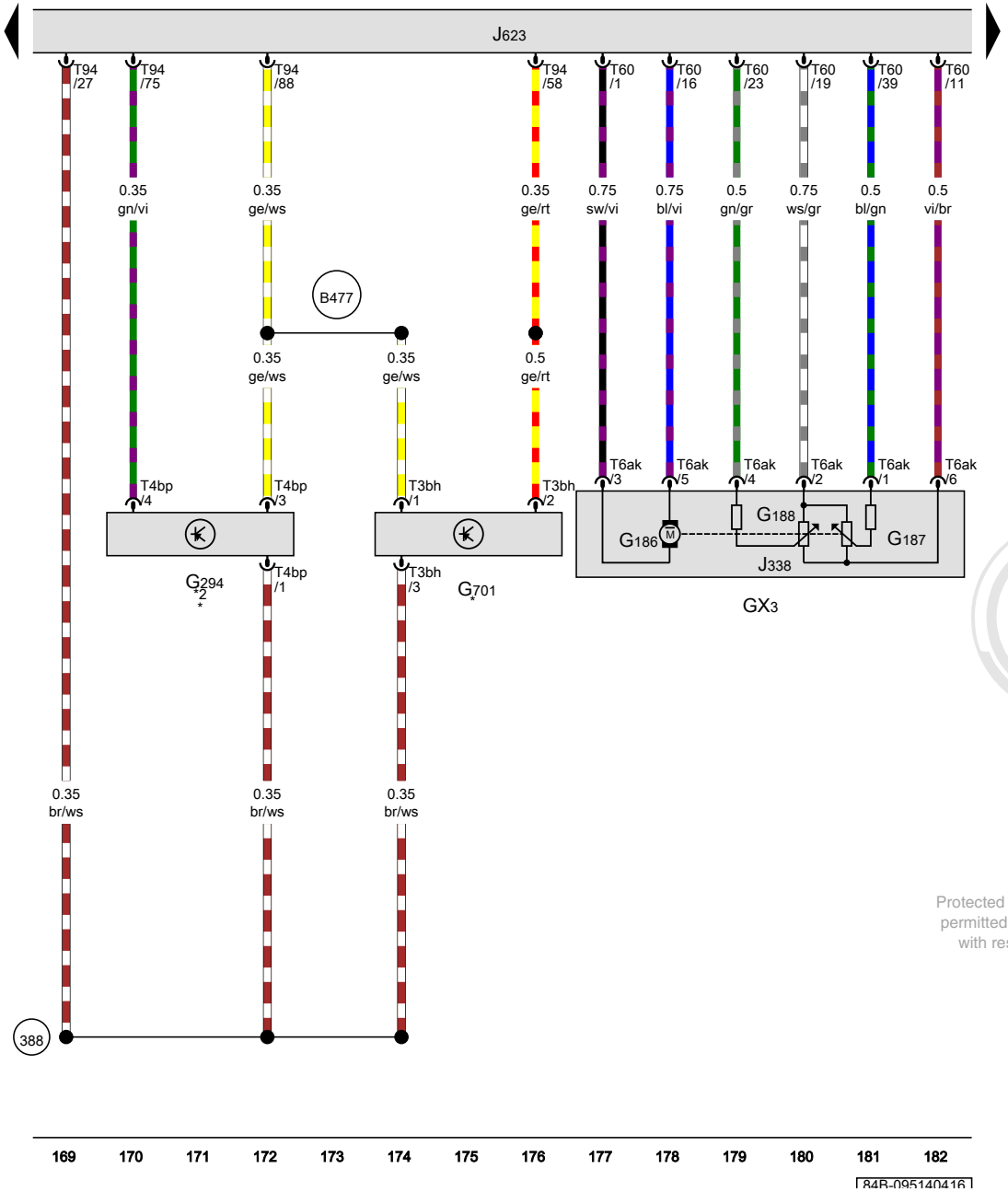


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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
G294	Brake servo pressure sensor
J623	Engine control unit
T4bi	4-pin connector, black
T4bp	4-pin connector, black
T4i	4-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	According to equipment
*2	If fitted

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rt	=	red
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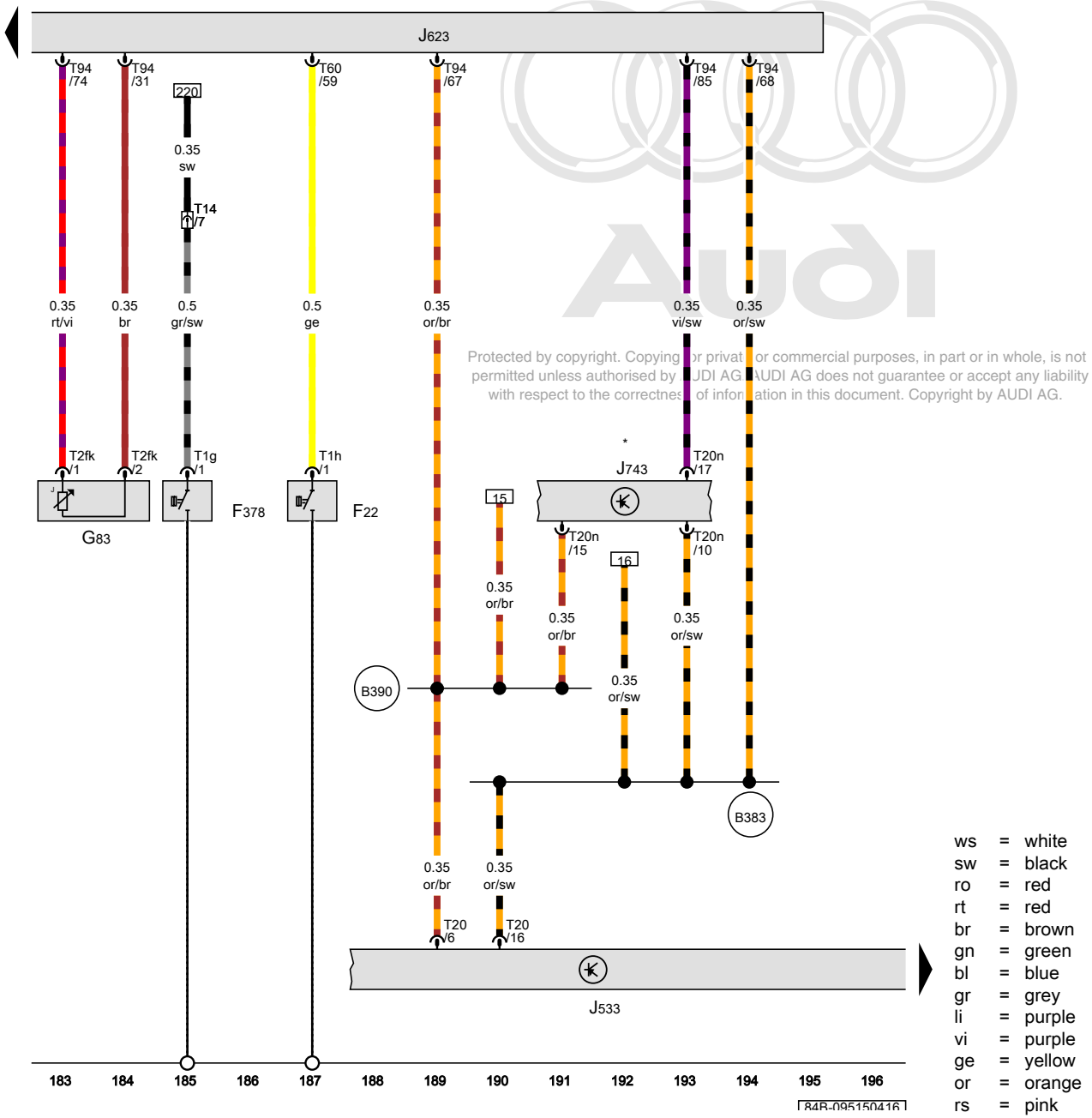


Throttle valve module, Gearbox neutral position sender, Throttle valve module, Engine control unit

GX3	Throttle valve module
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
G294	Brake servo pressure sensor
G701	Gearbox neutral position sender
J338	Throttle valve module
J623	Engine control unit
T3bh	3-pin connector, black, brown
T4bp	4-pin connector, black
T6ak	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
388	Earth connection 23, in main wiring harness
B477	Connection 13, in main wiring harness
*	Only models with manual gearbox
*2	Only models with brake servo pressure sensor

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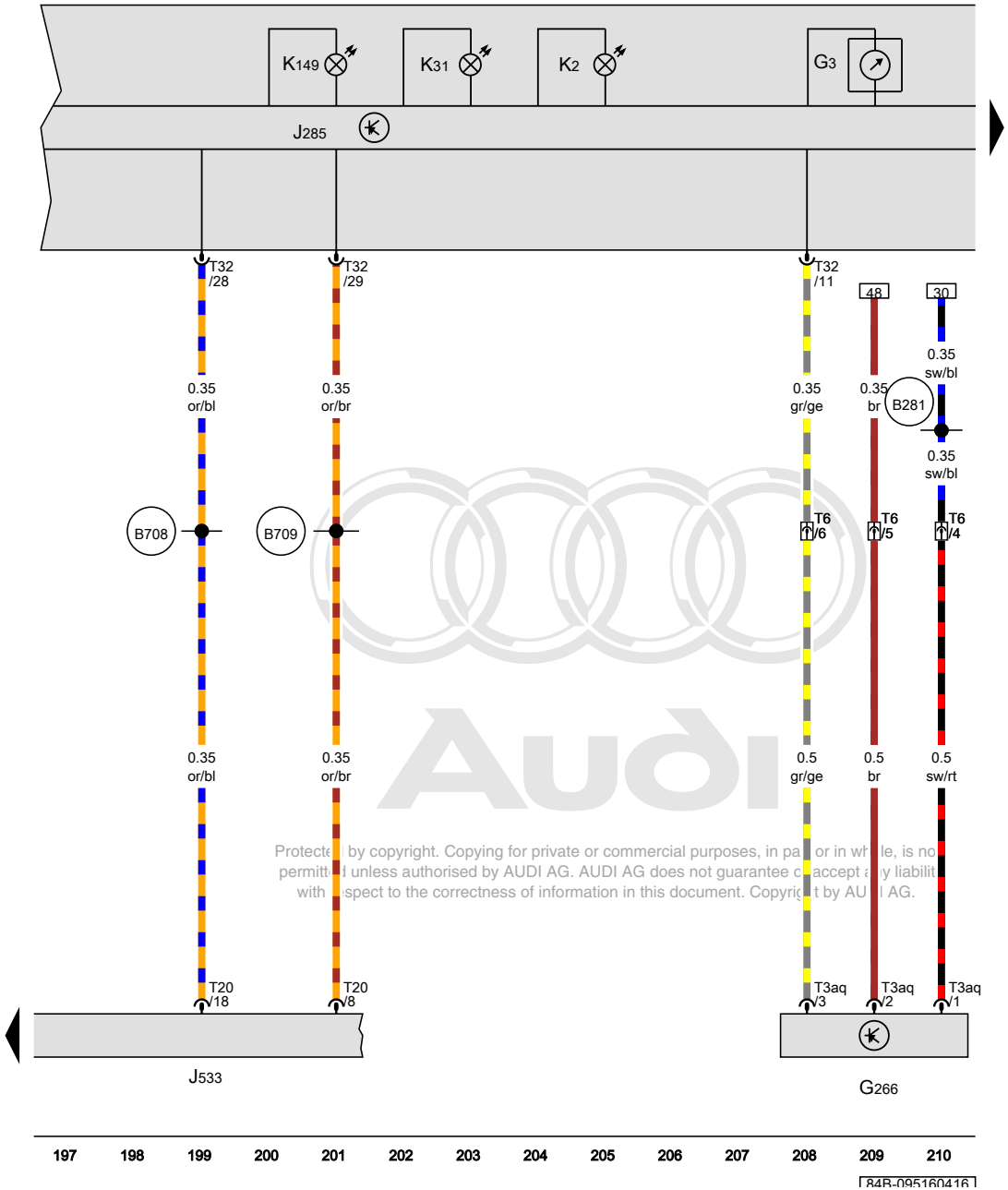
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G83	Radiator outlet coolant temperature sender
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T1g	Single connector, black
T1h	Single connector, dark blue
T2fk	2-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T20	20-pin connector, red
T20n	20-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
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 dual clutch gearbox

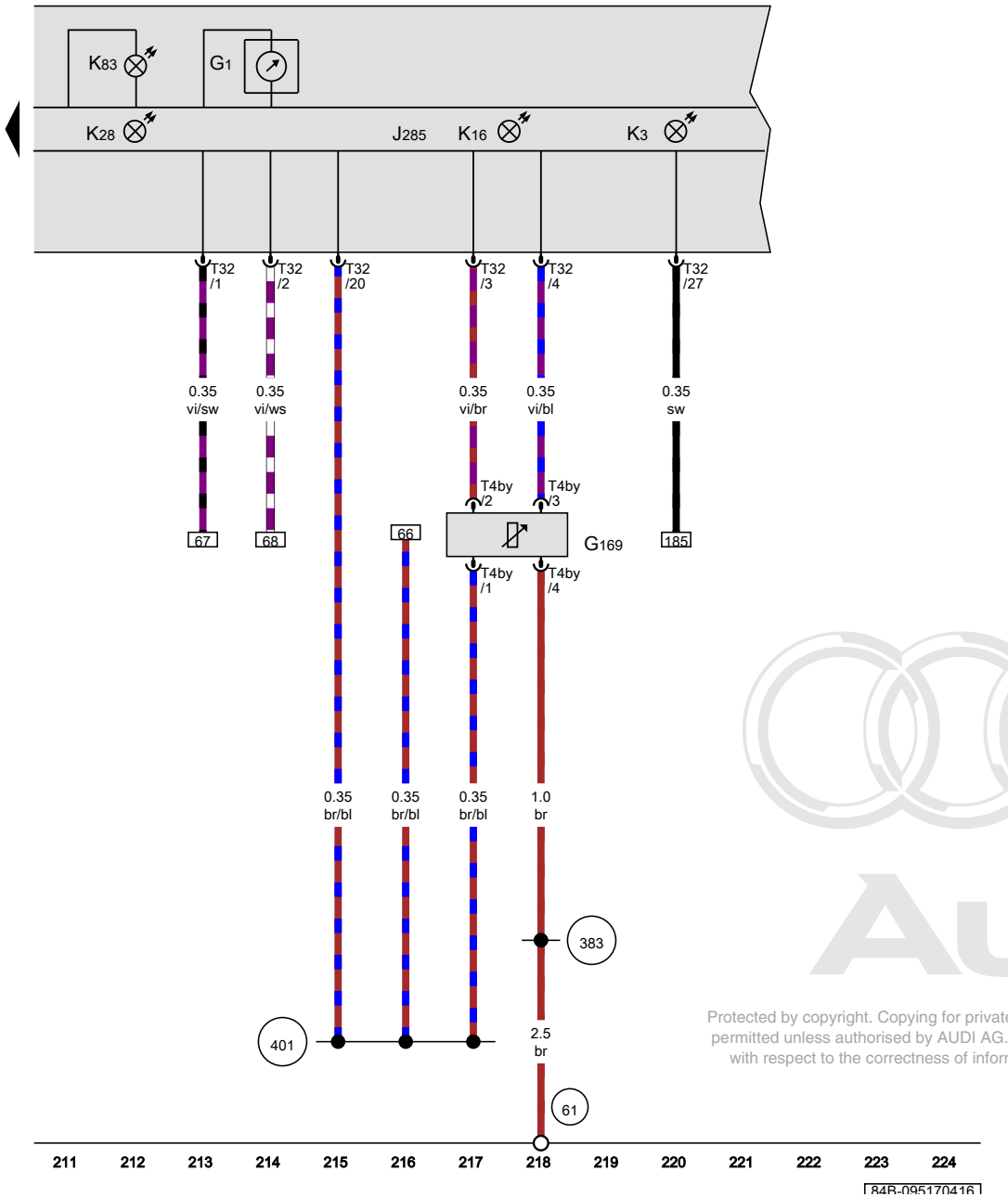
Oil level and oil temperature sender, Control unit in dash panel insert, Data bus diagnostic interface



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G3	Coolant temperature gauge
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T3aq	3-pin connector, black
T6	6-pin connector, near front left longitudinal member, black
T20	20-pin connector, red
T32	32-pin connector, blue
B281	Positive connection 5 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness



Control unit in dash panel insert

G1	Fuel gauge
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T4by	4-pin connector
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness

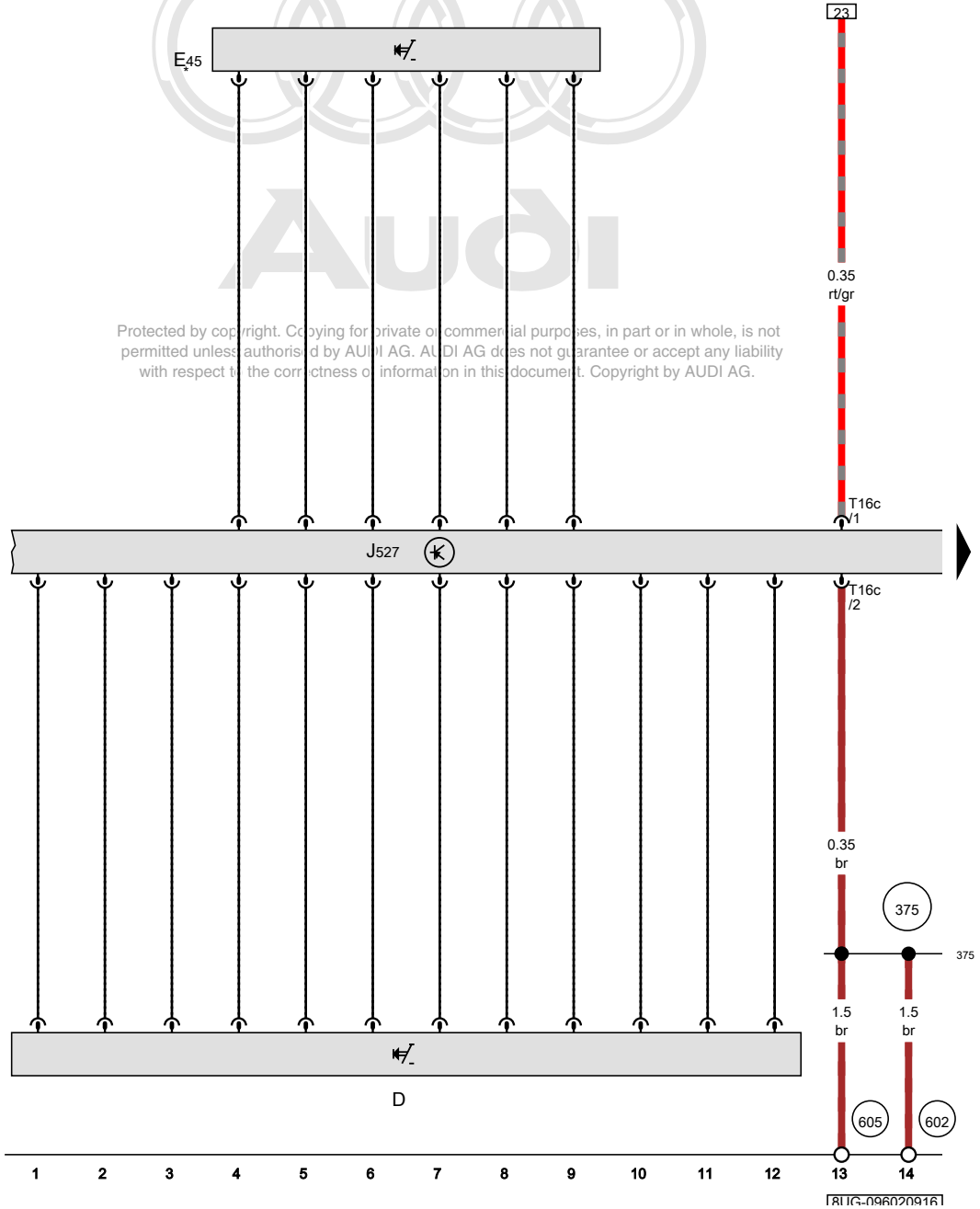
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1.4l petrol engine , CWLA

From May 2016

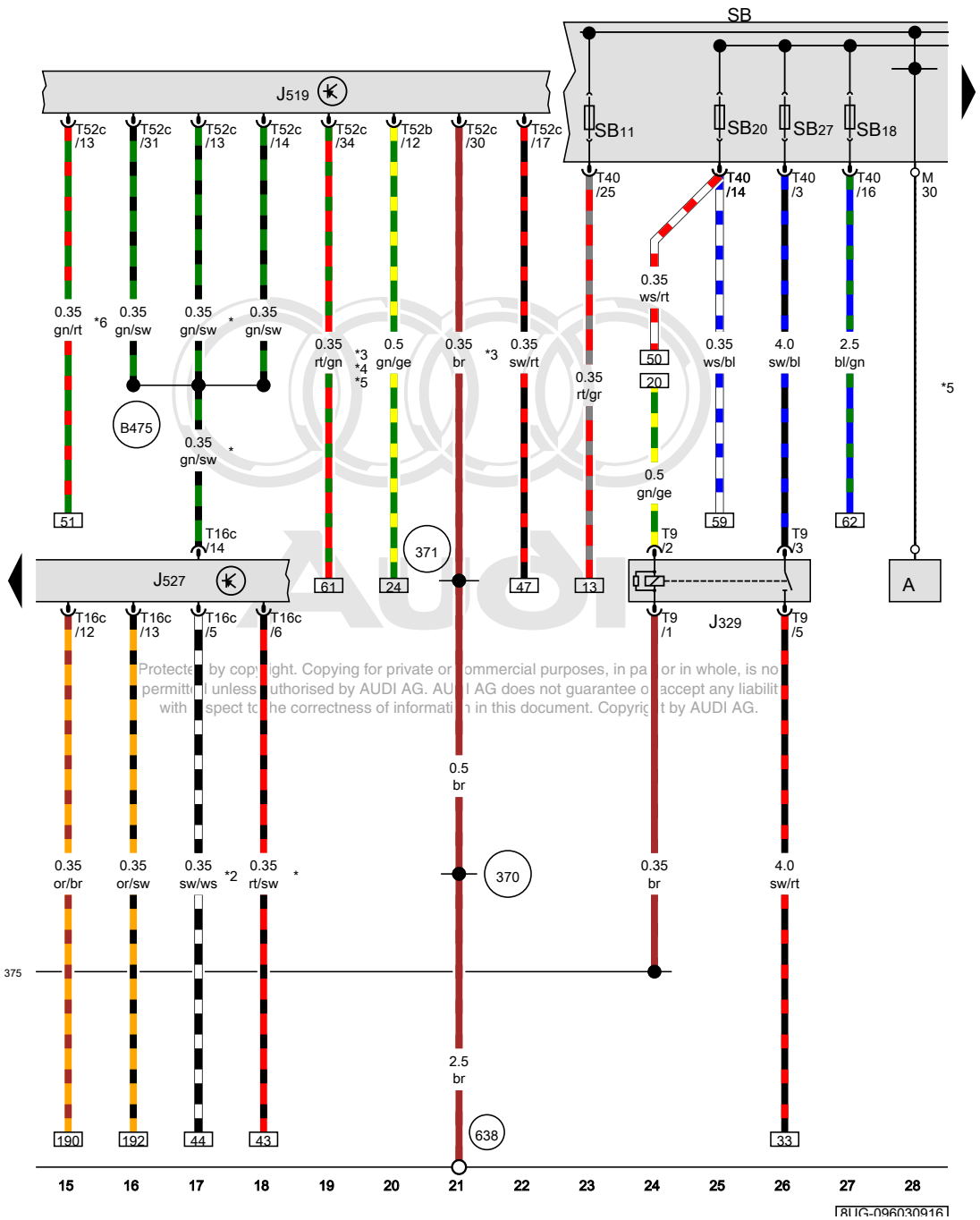
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Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
T16c	16-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

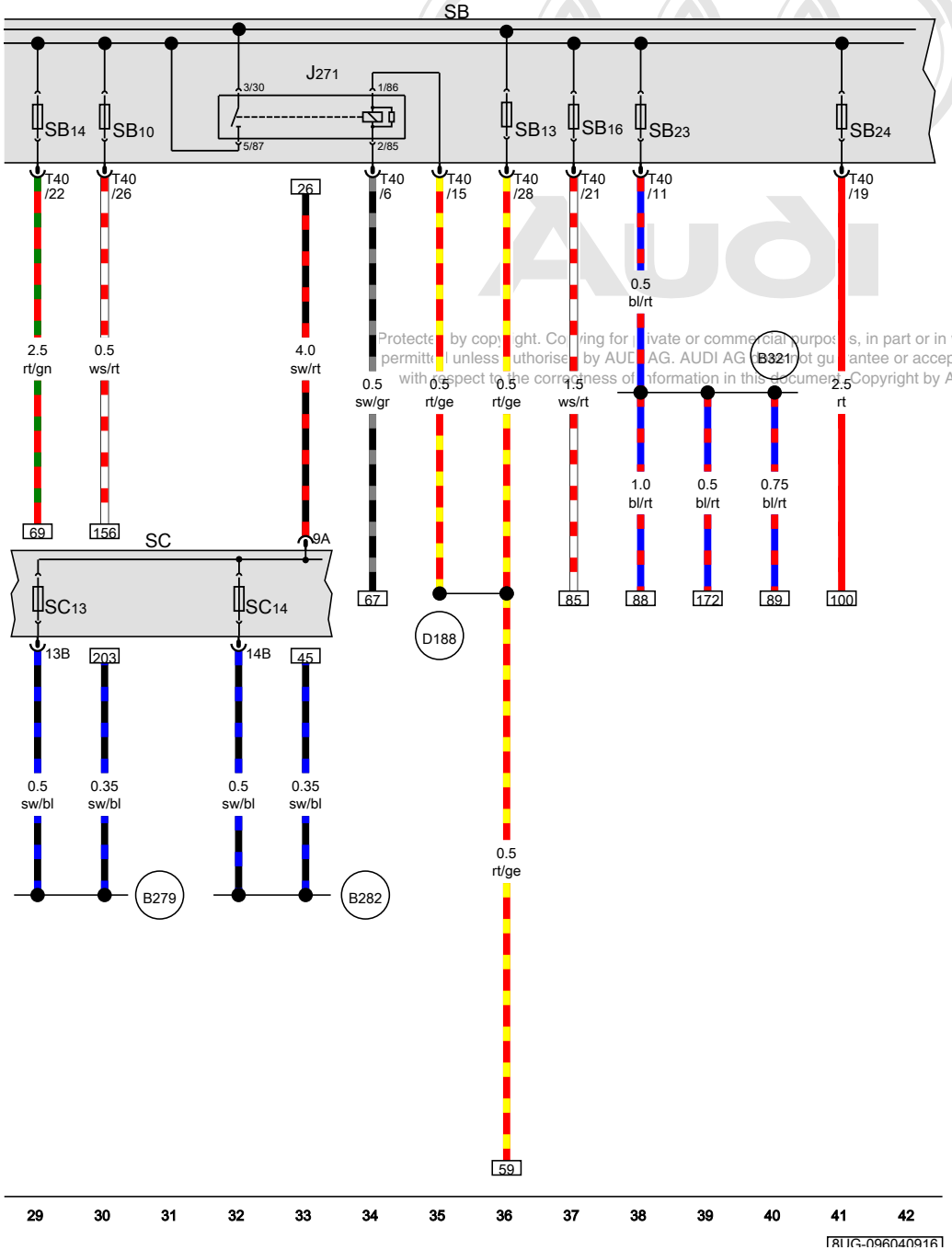


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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder B

A	Battery
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
T9	9-pin connector, black
T16c	16-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only models with entry and start authorisation



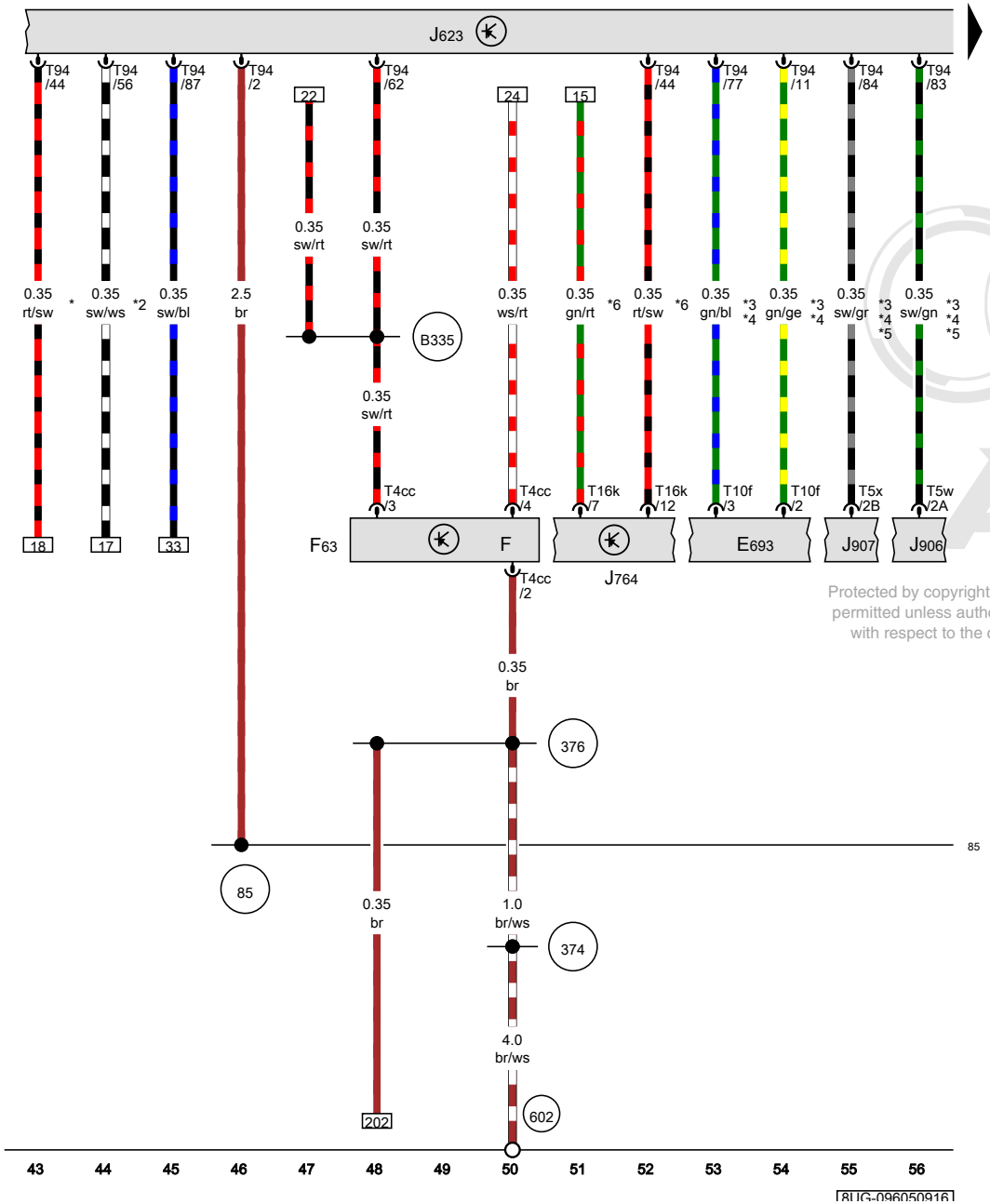
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Main relay, Fuse holder B

J271	Main relay
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC14	Fuse 14 on fuse holder C
SB16	Fuse 16 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
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bl	=	blue
gr	=	grey
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Brake light switch, Brake pedal switch, Engine control unit

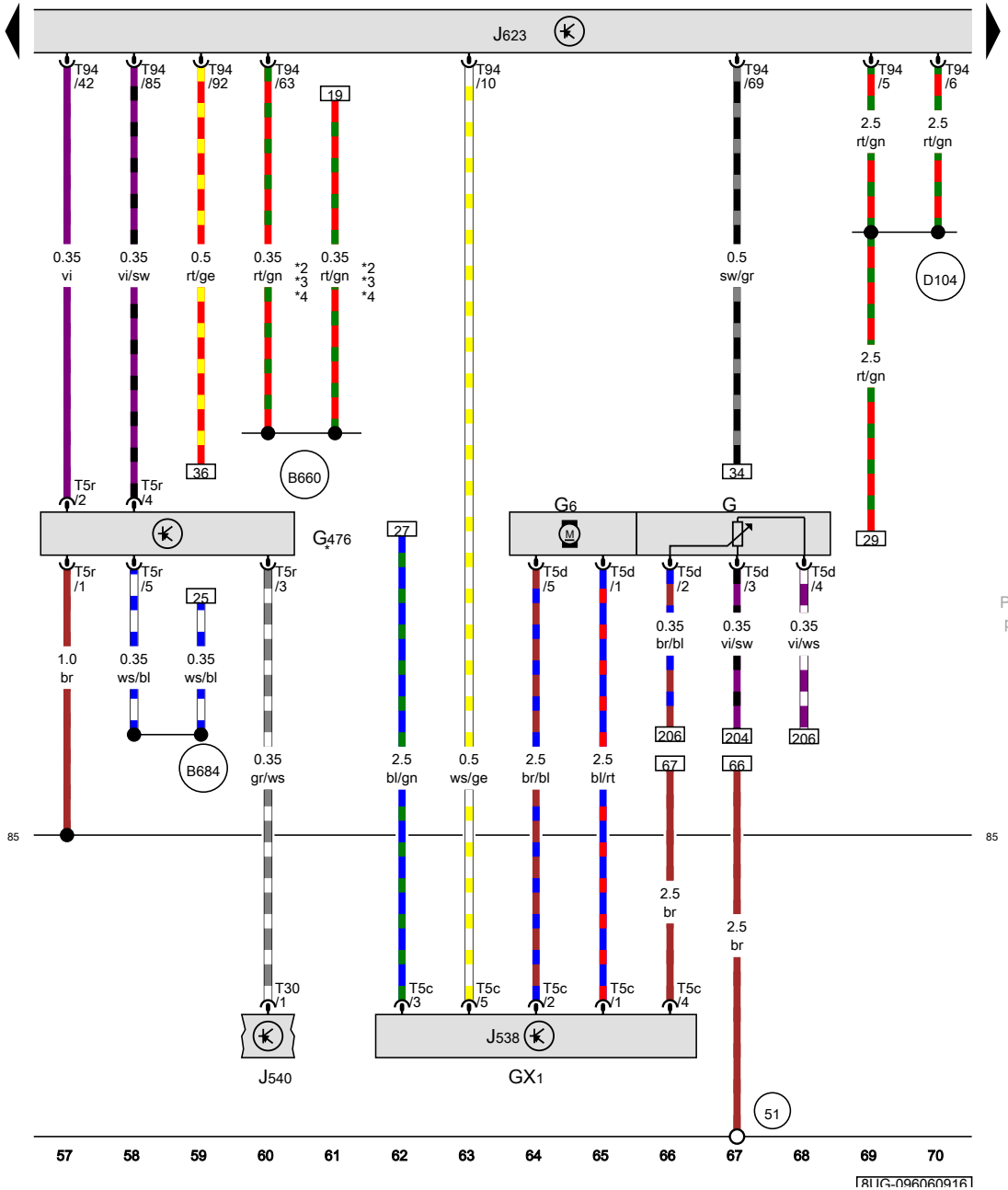


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E693	Start/Stop operation button
F	Brake light switch
F63	Brake pedal switch
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T4cc	4-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T16k	16-pin connector
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	see applicable current flow diagram for battery in engine compartment
*5	Only models with energy recovery
*6	Only models with entry and start authorisation

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Fuel gauge sender, Fuel system pressurisation pump, Clutch position sender, Engine control unit

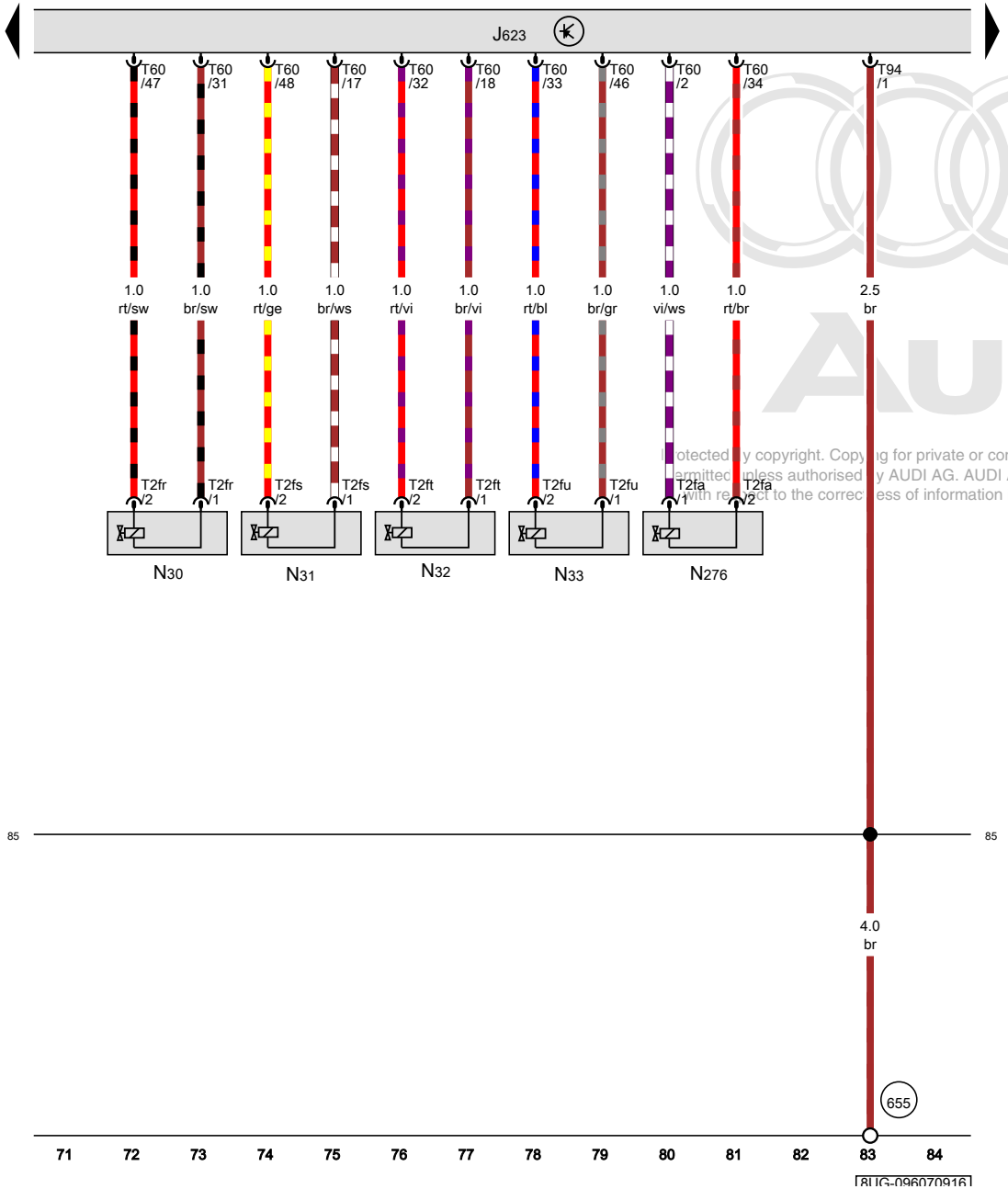


G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T5r	5-pin connector, black
T30	30-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
B660	Connection (diagnosis terminal 50), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Only models with energy recovery
*4	see applicable current flow diagram for battery in engine compartment

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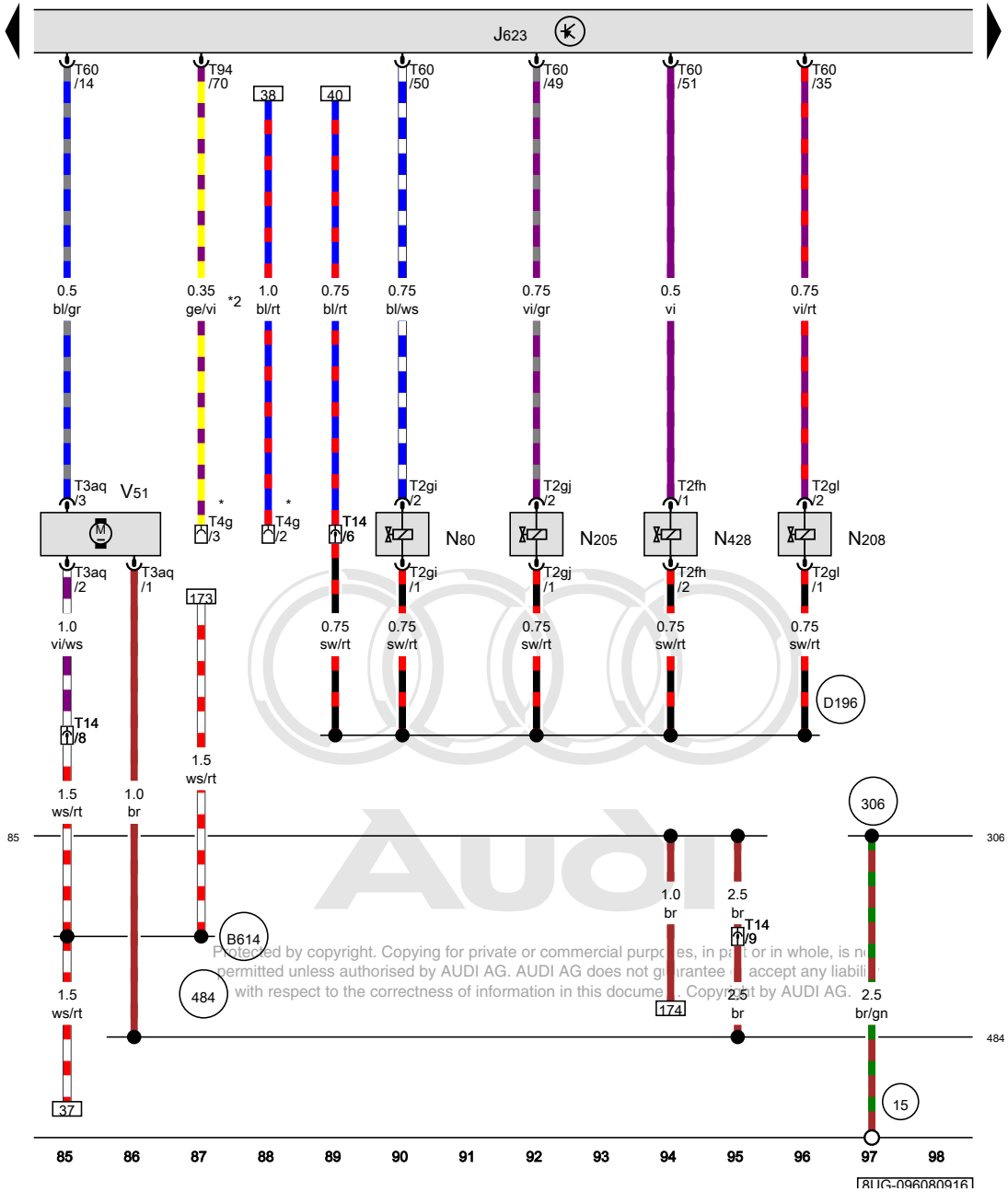
Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve



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
T2fa	2-pin connector
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
655	Earth point, on left headlight

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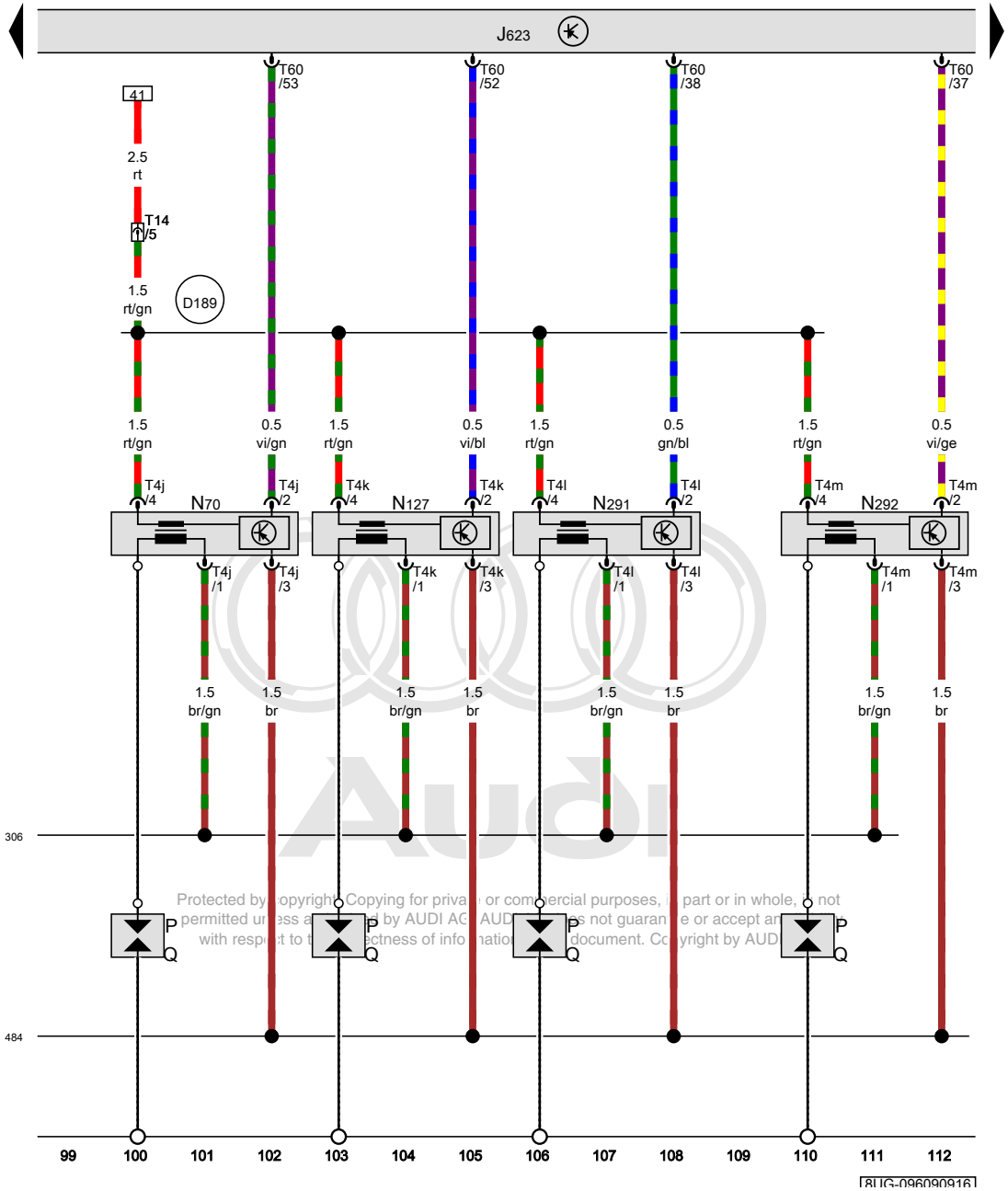


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T3aq	3-pin connector
T4g	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B614	Positive connection 23 (30a) in main wiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction

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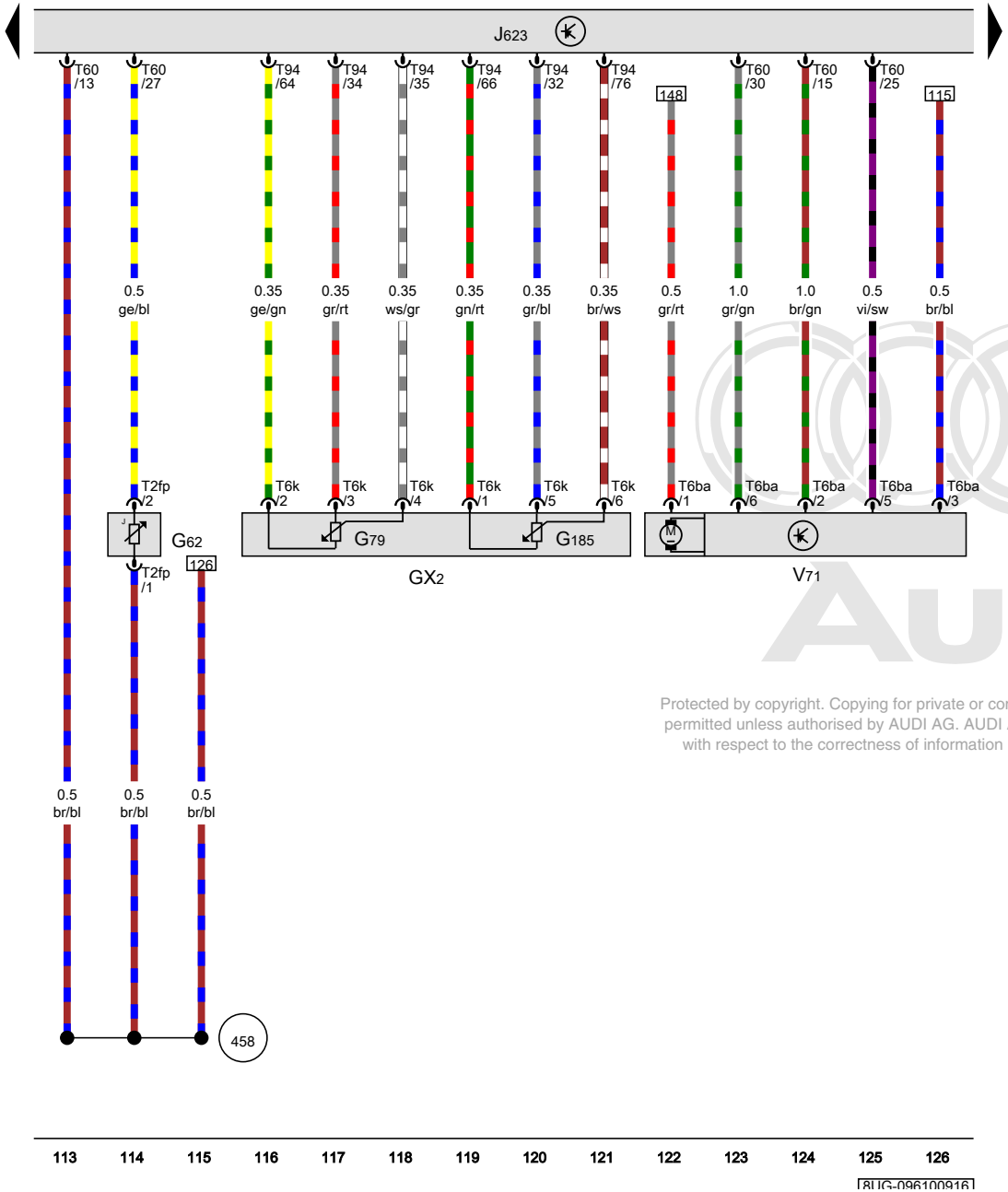


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Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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or	=	orange
rs	=	pink



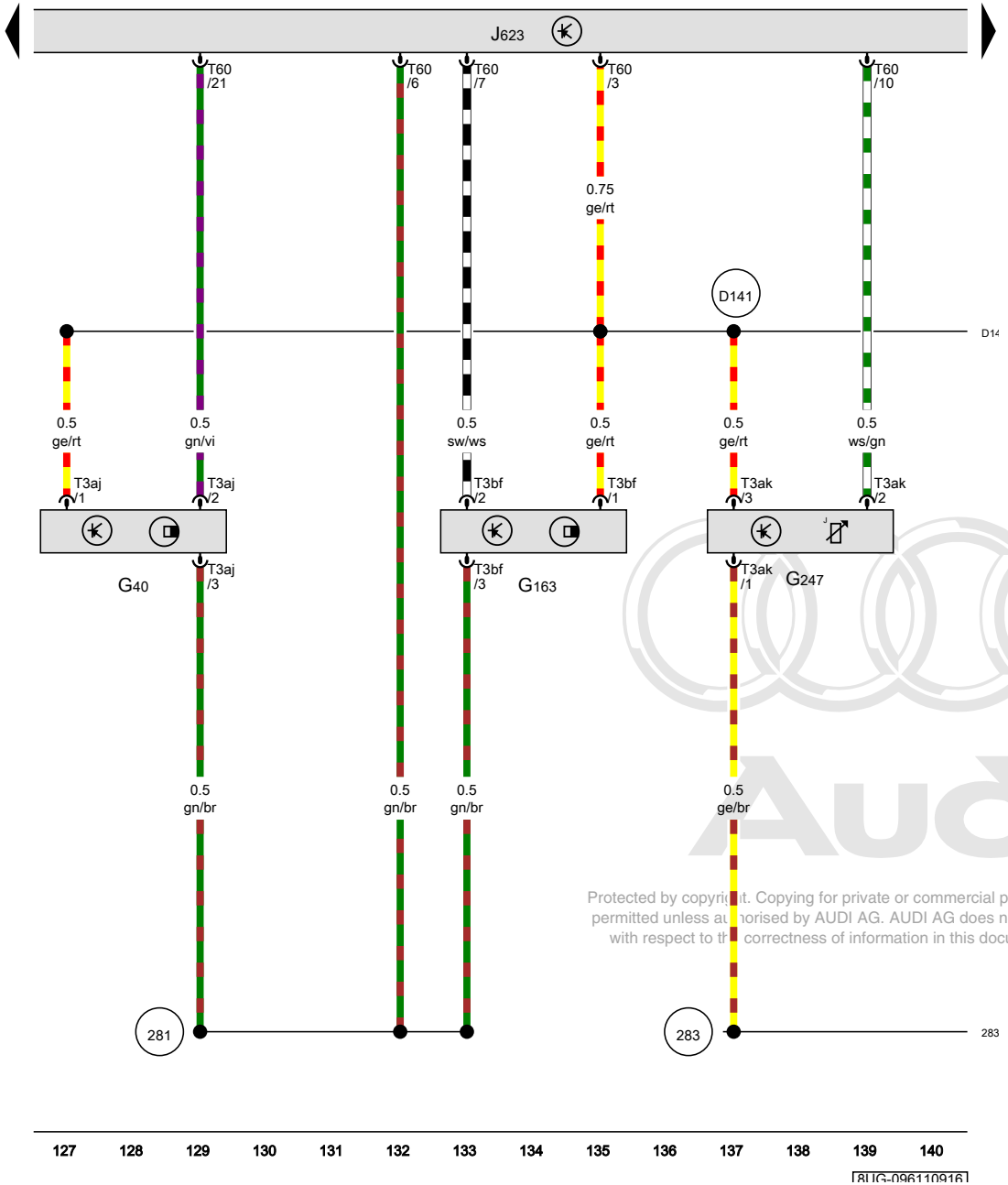
Accelerator pedal module, Coolant temperature sender, Engine control unit, Air flow flap control motor

GX2	Accelerator pedal module
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2fp	2-pin connector, black
T6ba	6-pin connector
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
458	Earth point 3, engine prewiring harness

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

Hall sender, Hall sender 2, Fuel pressure sender, Engine control unit



G40 Hall sender
G163 Hall sender 2
G247 Fuel pressure sender
J623 Engine control unit
T3aj 3-pin connector, black
T3ak 3-pin connector, on fuel pressure sender
T3bf 3-pin connector
T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

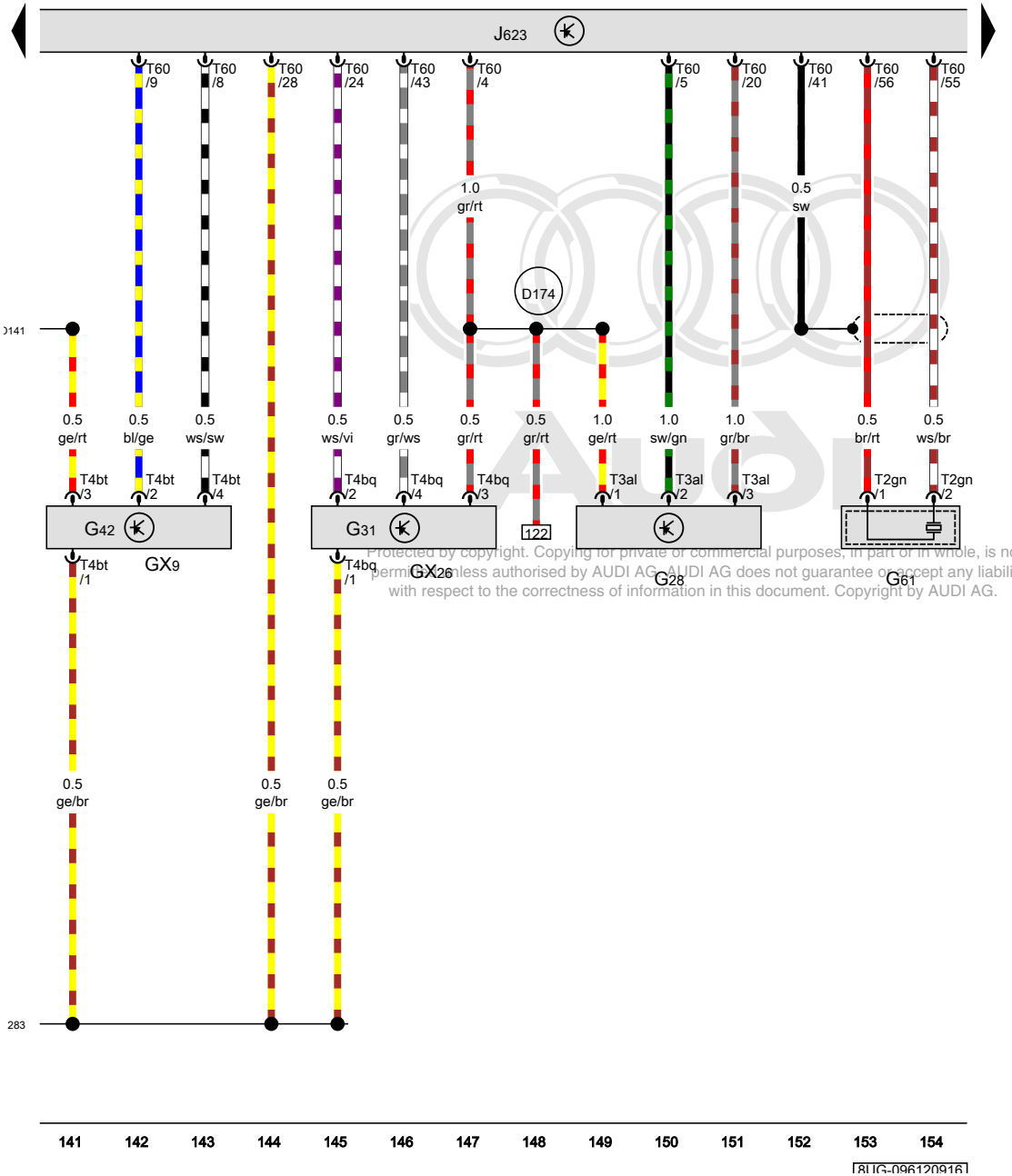
283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

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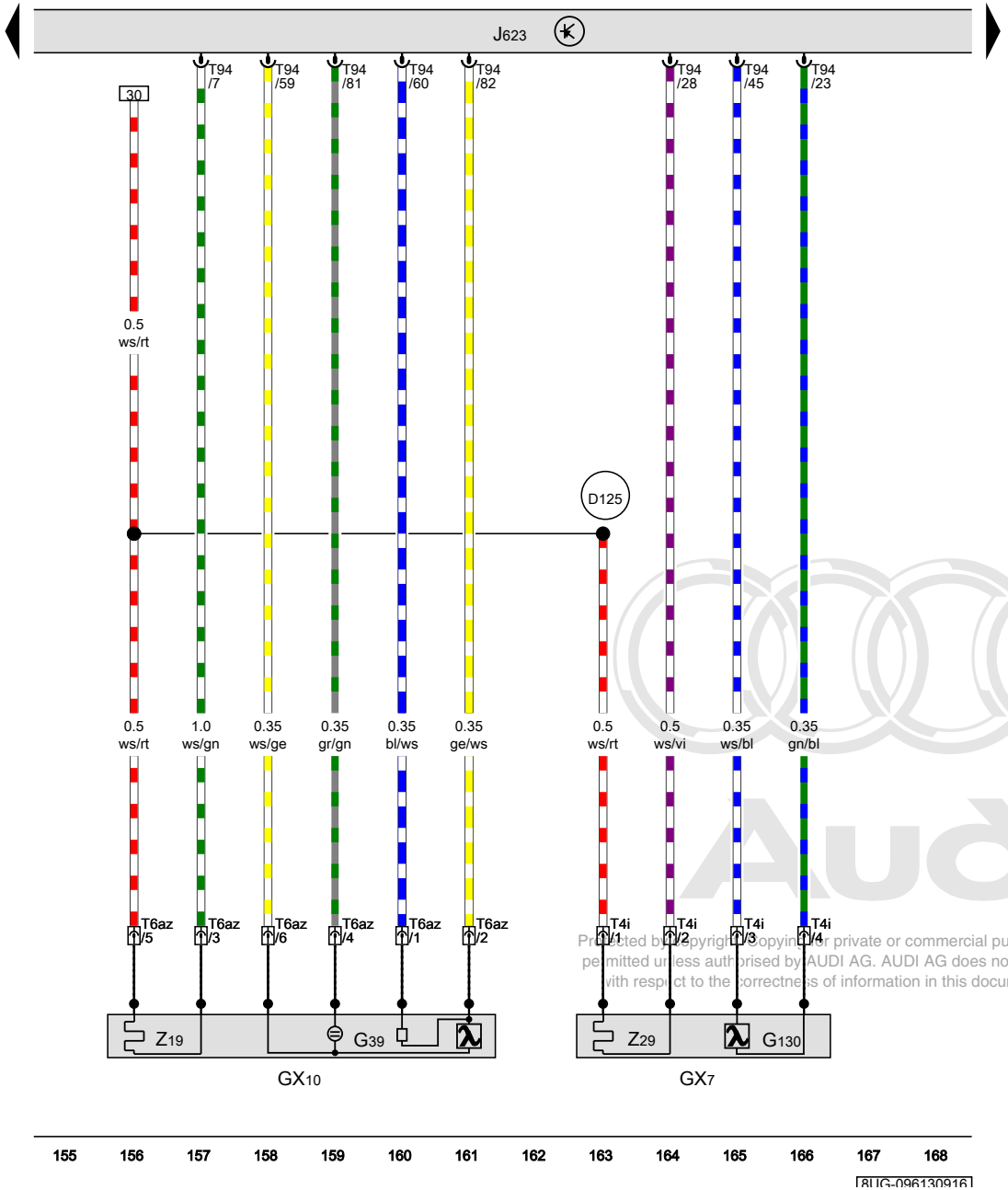
Engine speed sender, Charge pressure sender, Intake air temperature sender, Knock sensor 1, Engine control unit



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GX9	Intake manifold sender
GX26	Charge pressure sender
G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G61	Knock sensor 1
J623	Engine control unit
T2gn	2-pin connector, black
T3al	3-pin connector, dark brown
T4bq	4-pin connector, black
T4bt	4-pin connector, black
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

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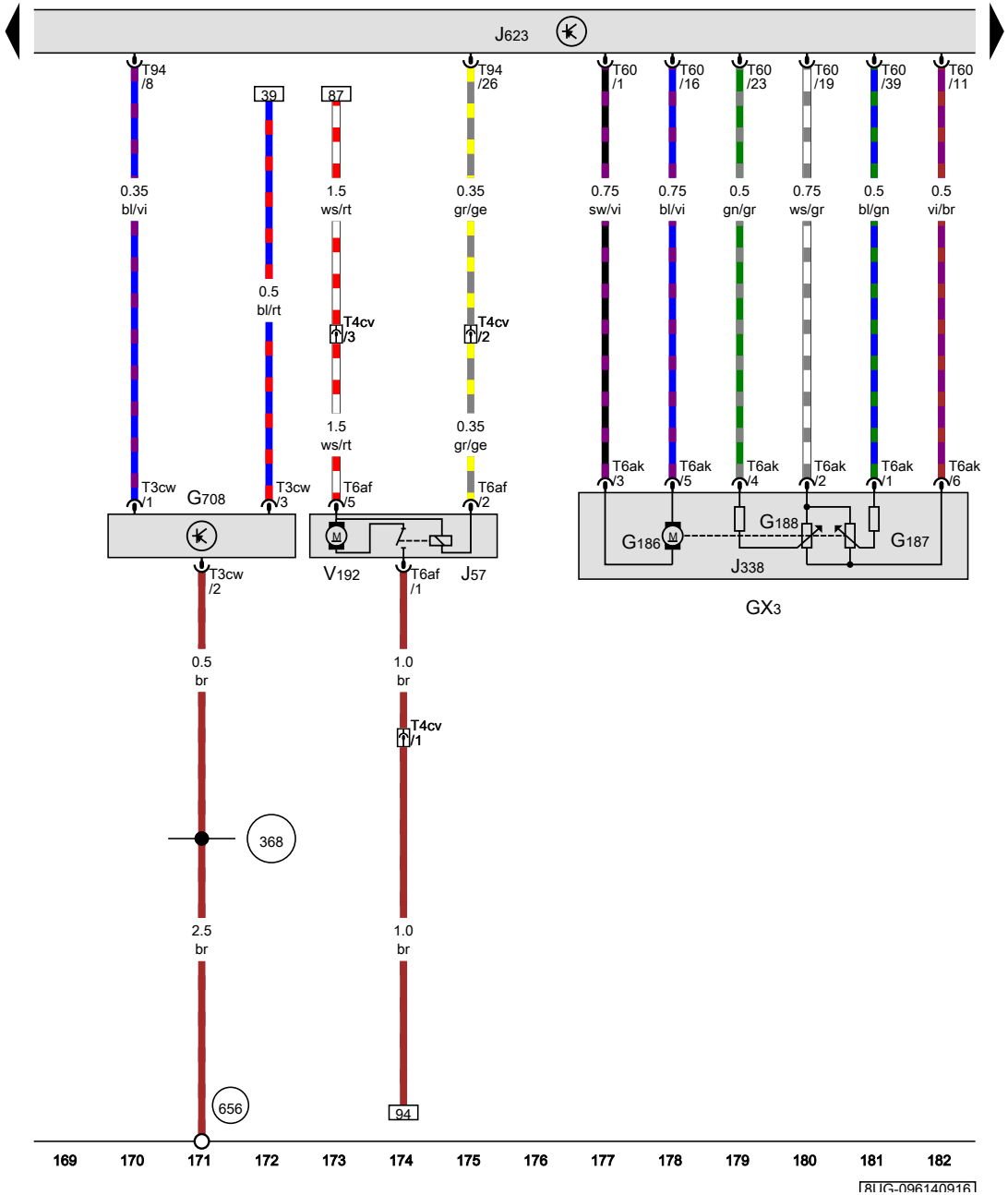


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
J623	Engine control unit
T4i	4-pin connector, black
T6az	6-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness

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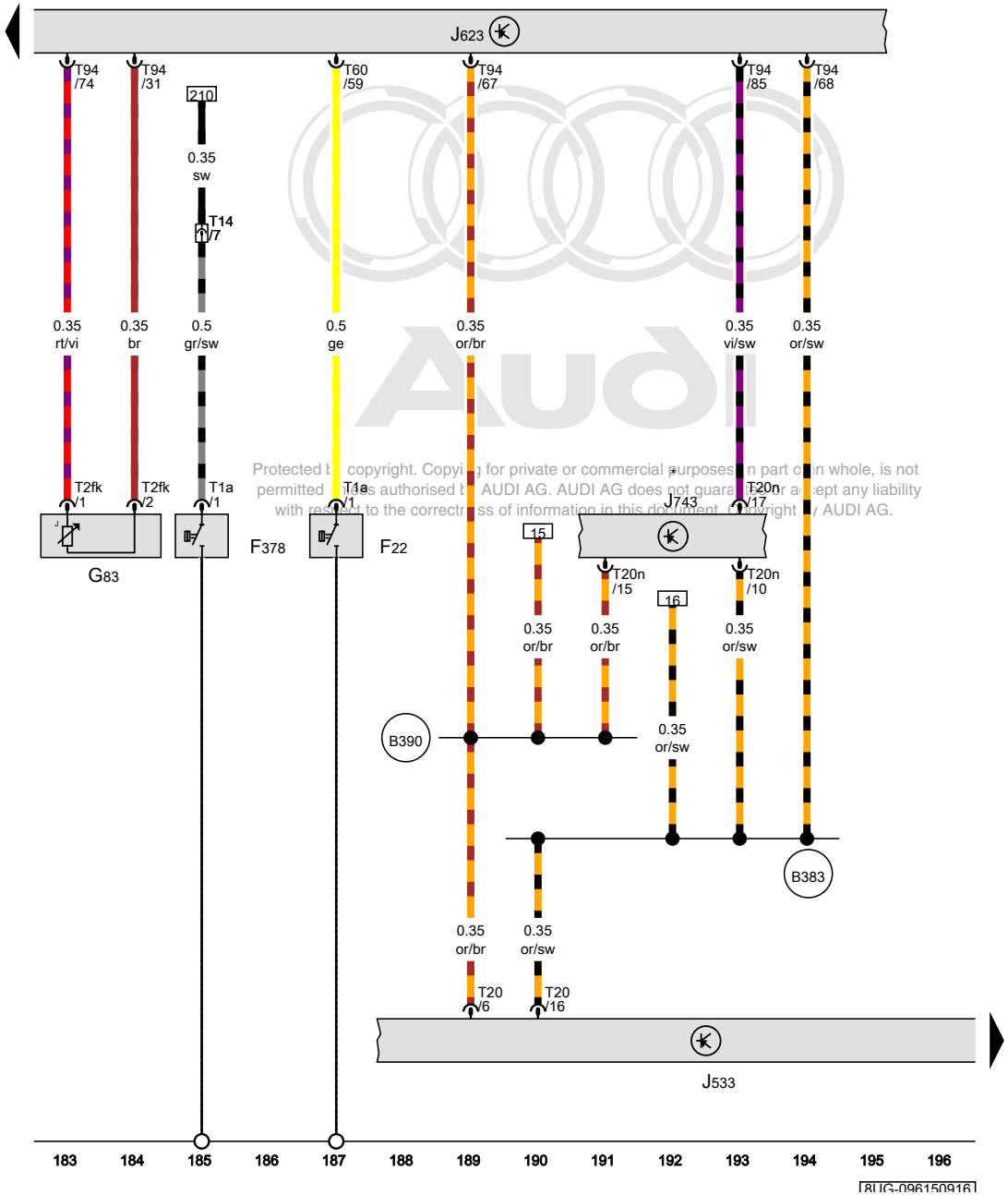


Throttle valve module, Engine control unit

GX3	Throttle valve module
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
G708	Ethanol concentration sender
J57	Vacuum pump relay
J338	Throttle valve module
J623	Engine control unit
T3cw	3-pin connector, black
T4cv	4-pin connector, black
T6af	6-pin connector
T6ak	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V192	Vacuum pump for brakes
368	Earth connection 3, in main wiring harness
656	Earth point, on right headlight

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
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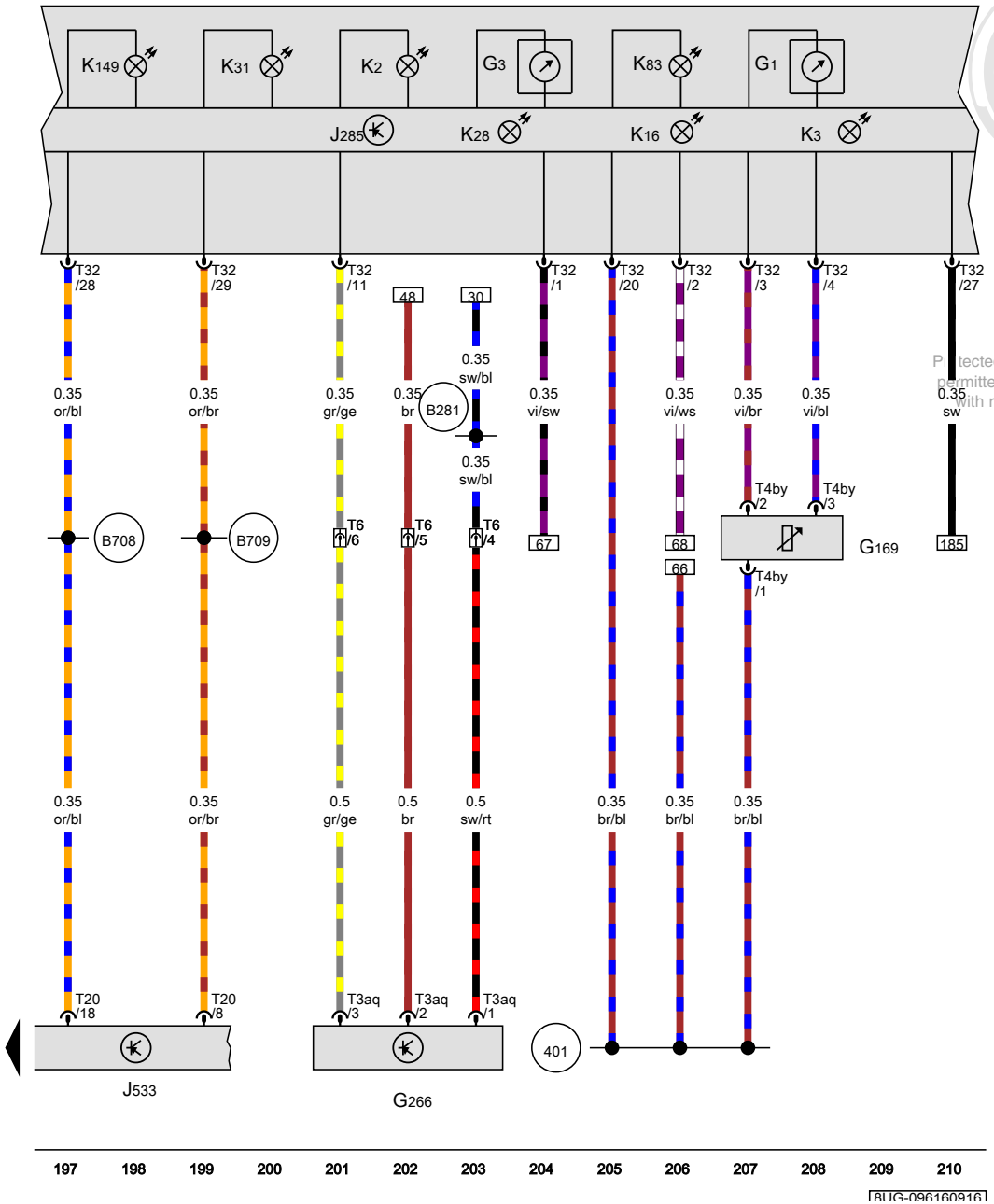
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
G83	Radiator outlet coolant temperature sender
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
T1a	1-pin connector, black
T2fk	2-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T20	20-pin connector, red
T20n	20-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
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 dual clutch gearbox

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

Oil level and oil temperature sender, Control unit in dash panel insert, Data bus diagnostic interface



G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
K2	Alternator warning lamp
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K31	Cruise control system warning lamp
K83	Exhaust emissions warning lamp
K149	Engine electronics warning lamp
T3aq	3-pin connector, black
T4by	4-pin connector
T6	6-pin connector, near front left longitudinal member, black
T20	20-pin connector, red
T32	32-pin connector, blue
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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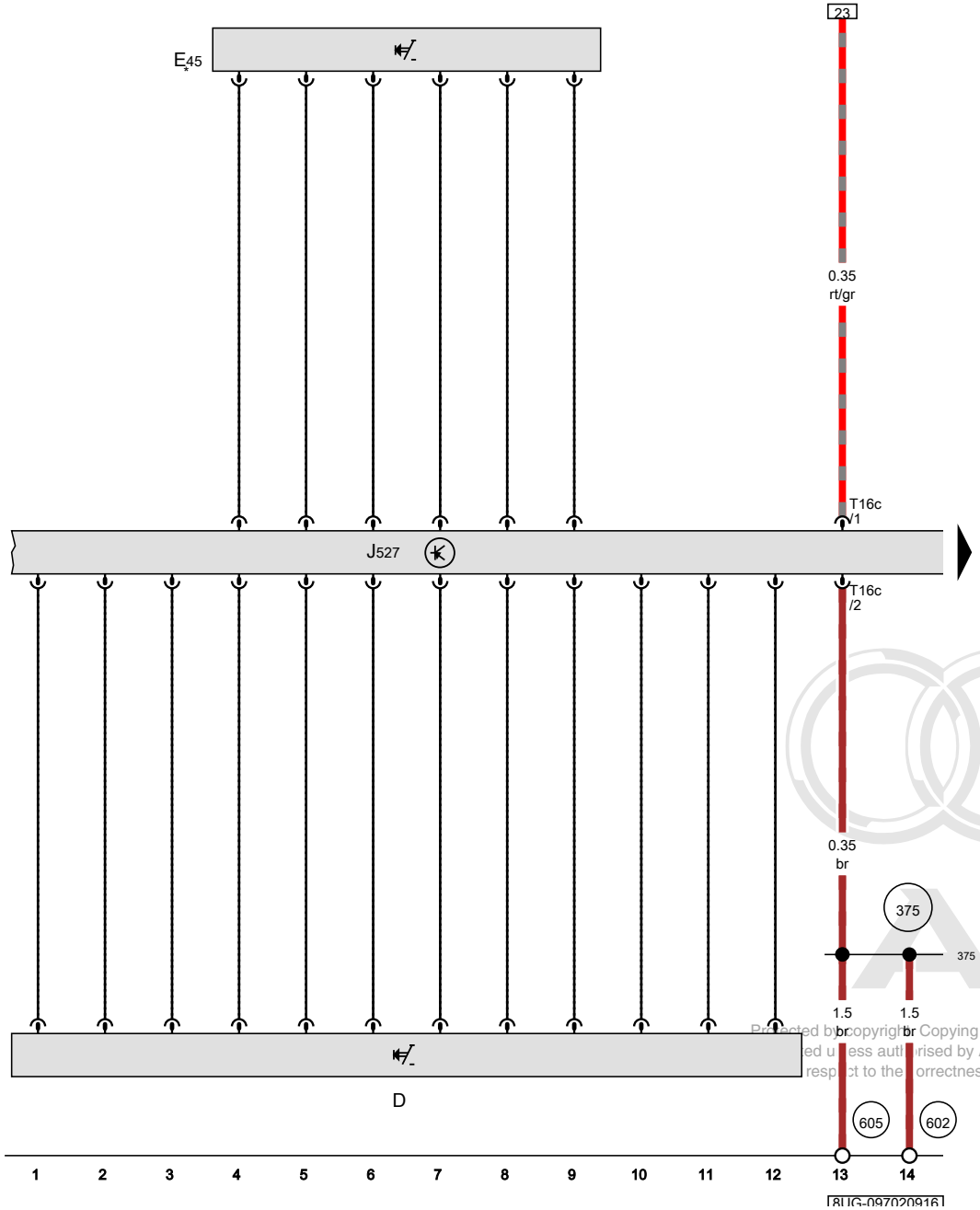
1.4l petrol engine , CPTA,CZEA

From October 2015

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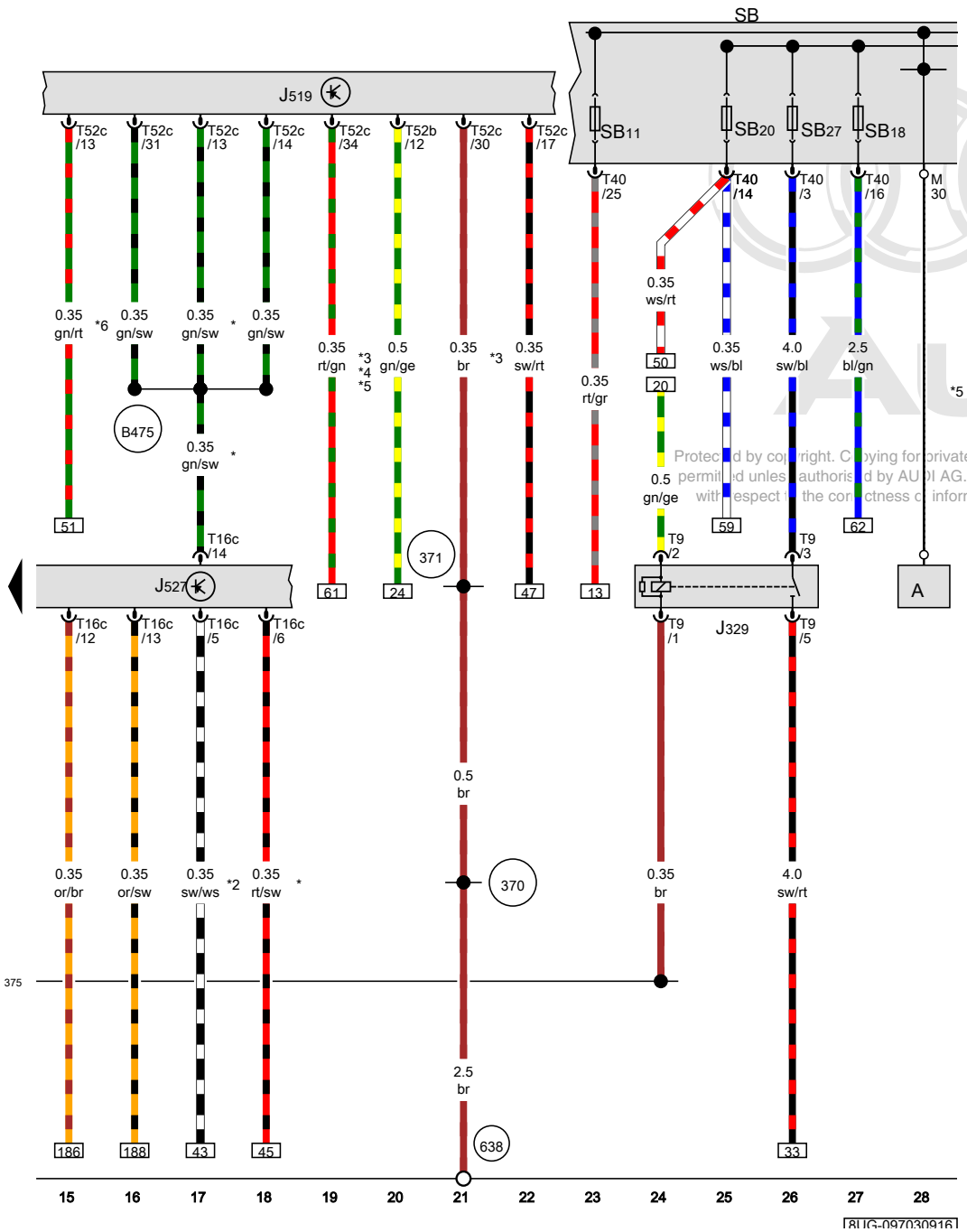
Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
T16c	16-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only 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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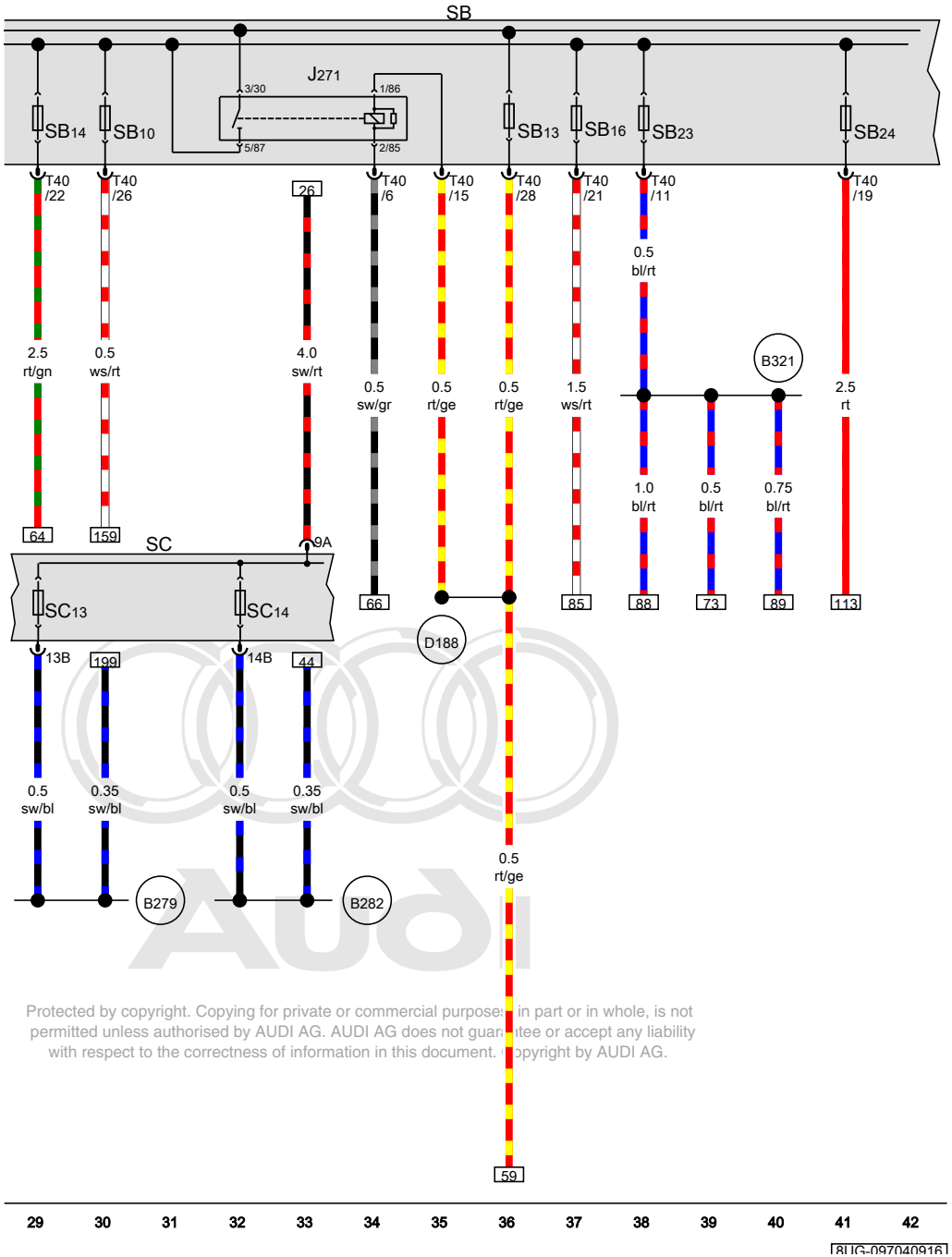


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gn = green
bl = blue
gr = grey
li = purple
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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder B

A	Battery
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
T9	9-pin connector, black
T16c	16-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only models with entry and start authorisation

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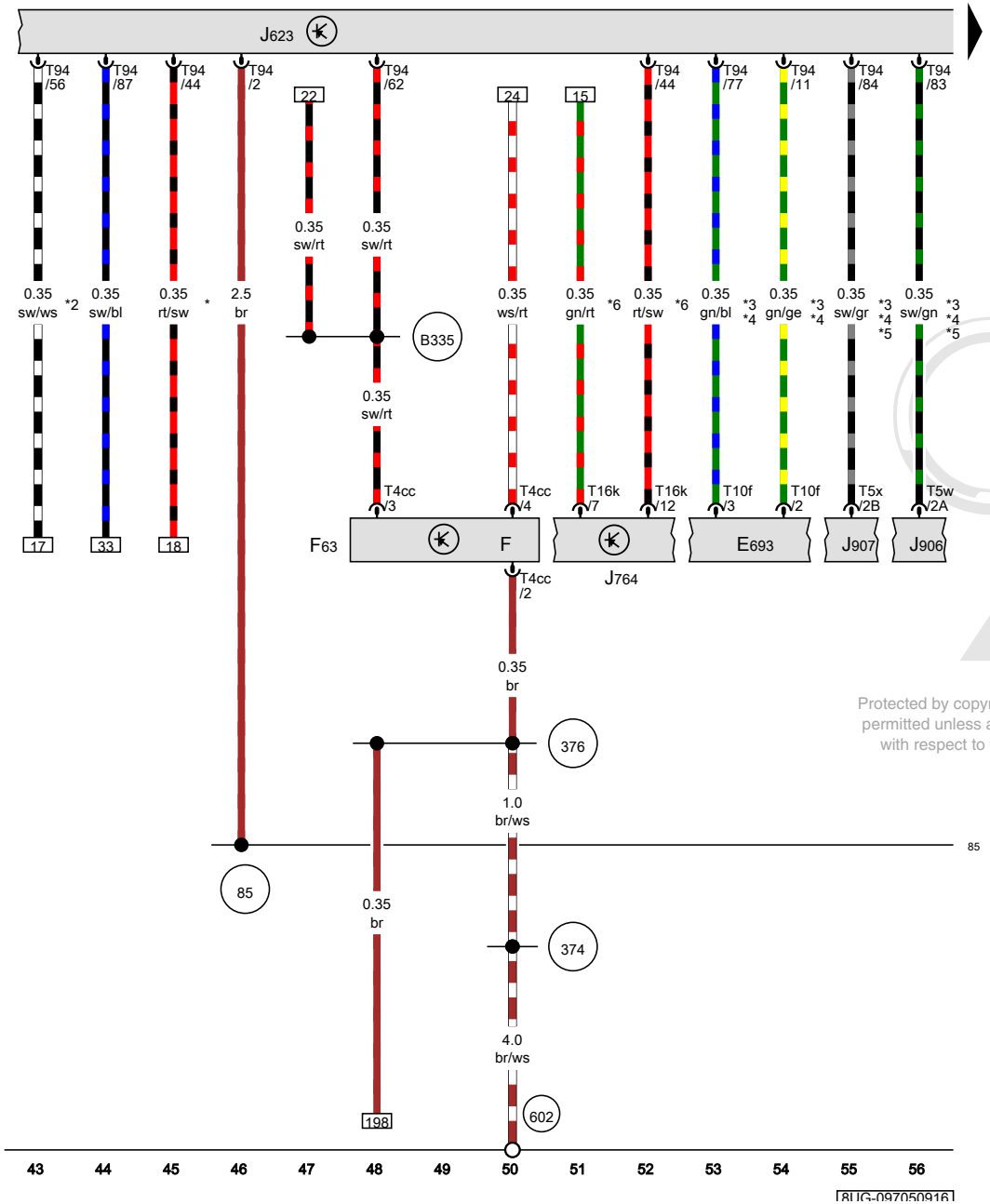
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Main relay, Fuse holder B, Fuse holder C

J271	Main relay
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC14	Fuse 14 on fuse holder C
SB16	Fuse 16 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
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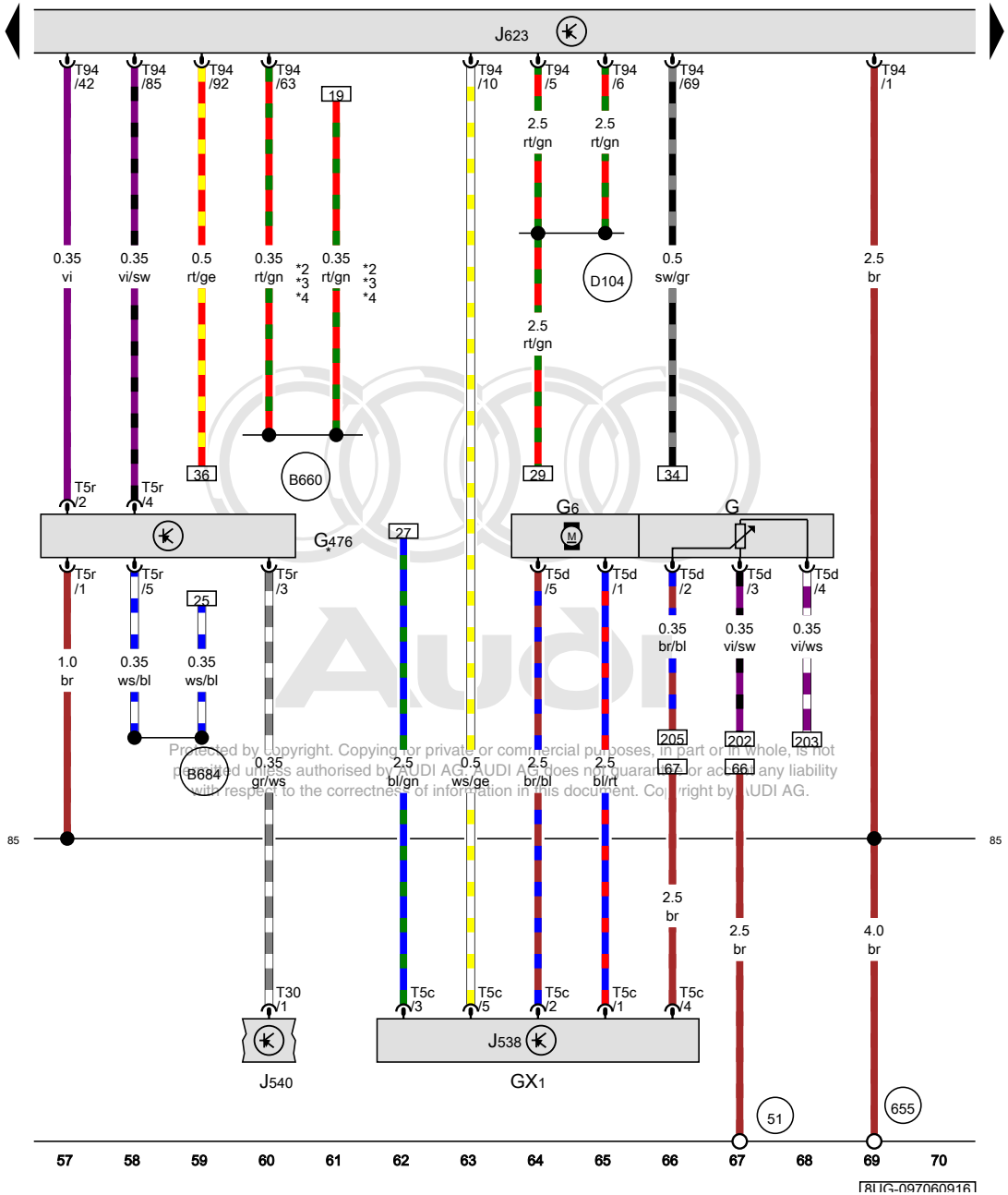
Brake light switch, Brake pedal switch, Engine control unit



E693	Start/Stop operation button
F	Brake light switch
F63	Brake pedal switch
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T4cc	4-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T16k	16-pin connector
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	see applicable current flow diagram for battery in engine compartment
*5	Only models with energy recovery
*6	Only models with entry and start authorisation

ws	=	white
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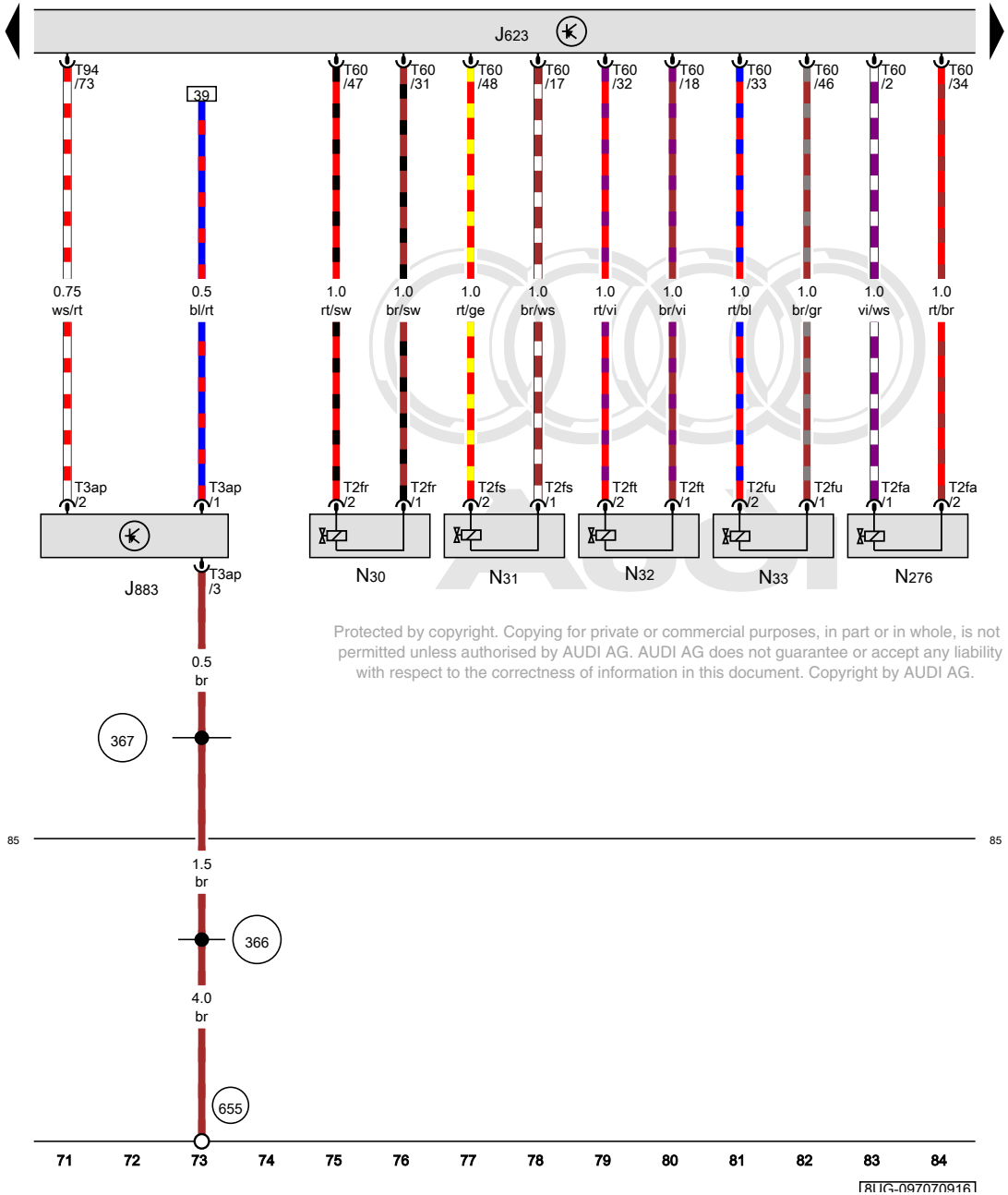


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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Clutch position sender, Engine control unit

G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T5r	5-pin connector, black
T30	30-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
655	Earth point, on left headlight
B660	Connection (diagnosis terminal 50), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Only models with energy recovery
*4	see applicable current flow diagram for battery in engine compartment

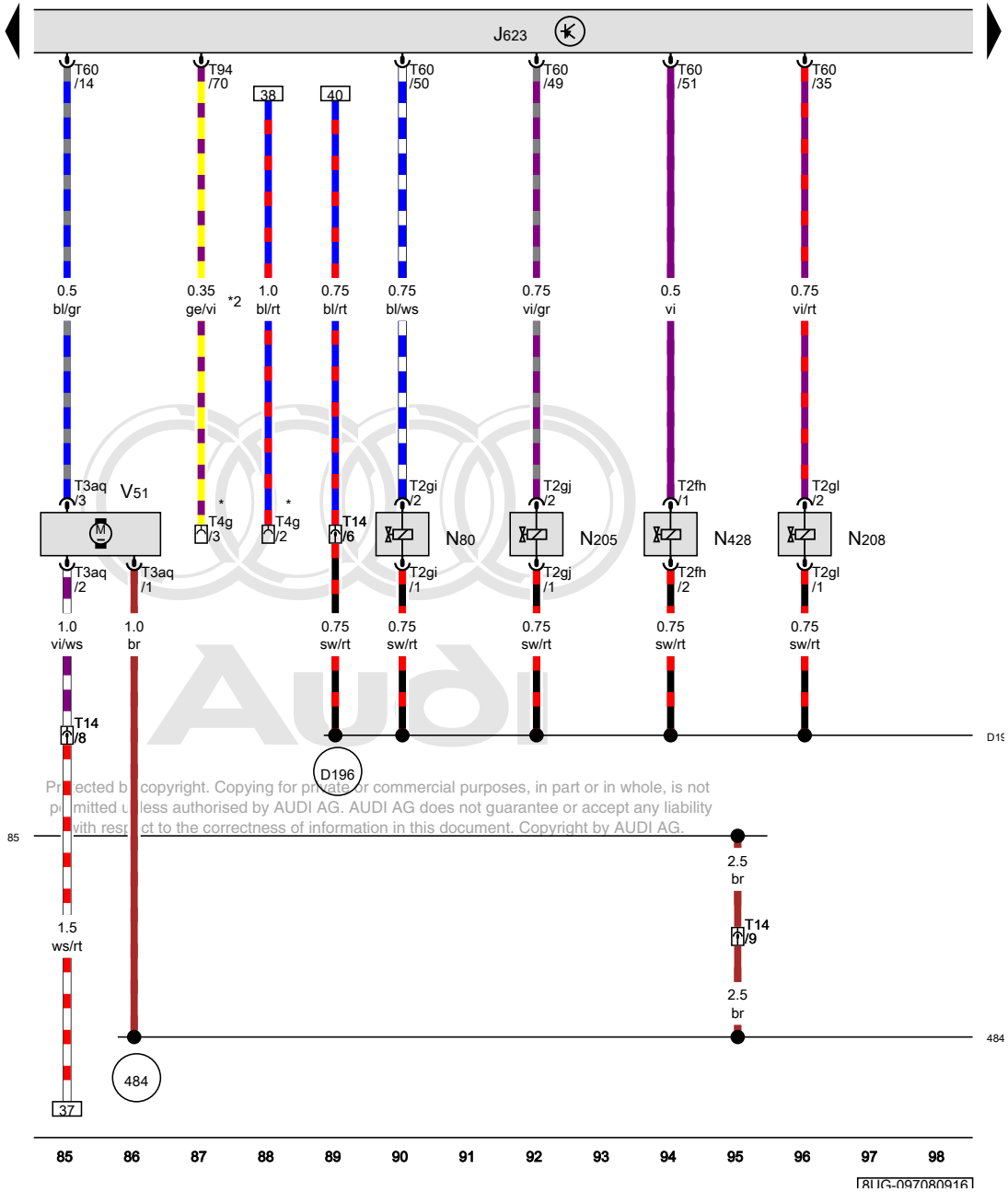


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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

J623	Engine control unit
J883	Exhaust flap control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
N276	Fuel pressure regulating valve
T2fa	2-pin connector
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T3ap	3-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
366	Earth connection 1, in main wiring harness
367	Earth connection 2, in main wiring harness
655	Earth point, on left headlight

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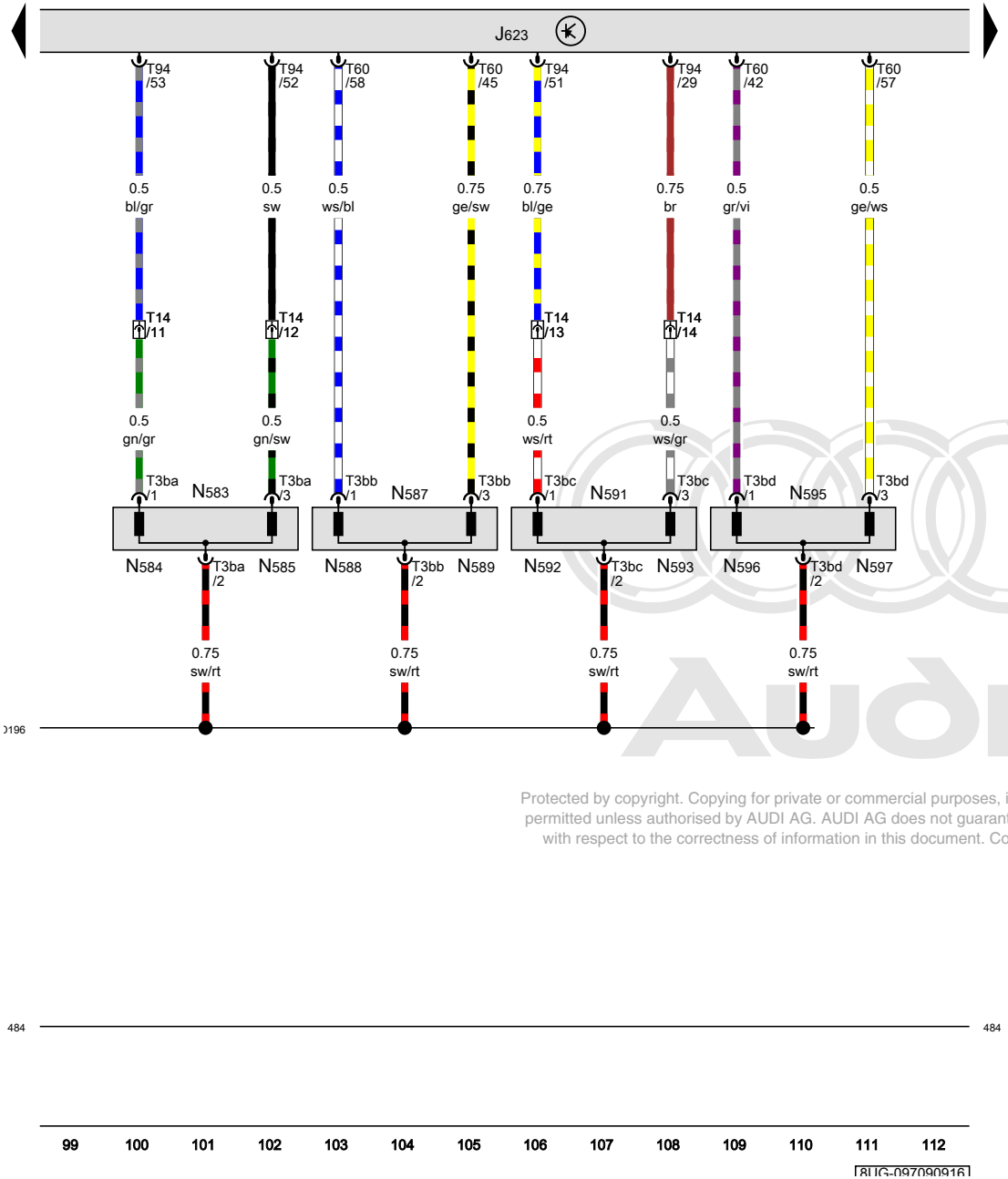


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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T3aq	3-pin connector
T4g	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
85	Earth connection 1, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness
*	Radiator fan connection
*2	gradual introduction

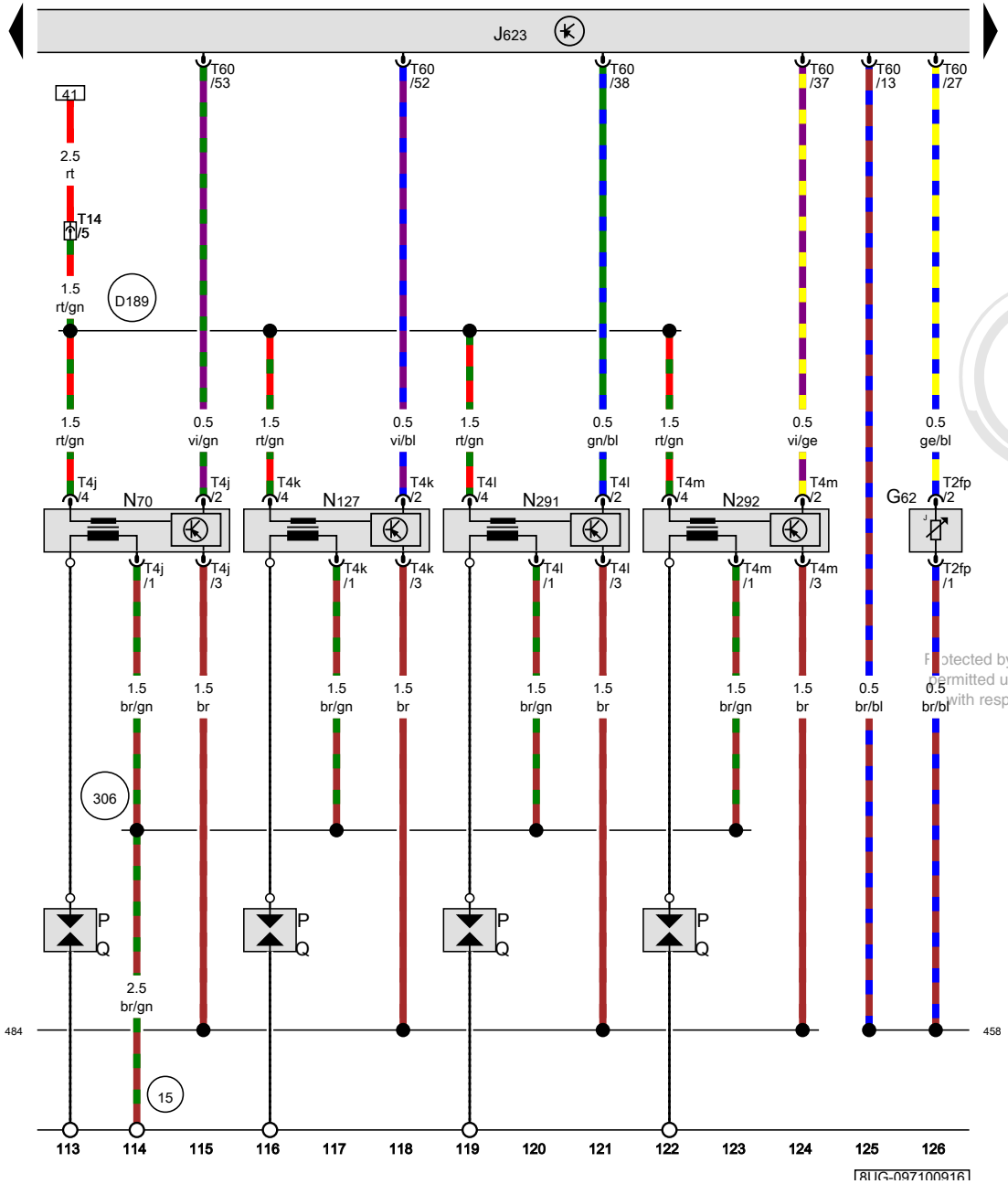


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Engine control unit, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

J623	Engine control unit
N583	Inlet cam actuator for cylinder 2
N584	Inlet cam actuator A for cylinder 2
N585	Inlet cam actuator B for cylinder 2
N587	Exhaust cam actuator for cylinder 2
N588	Exhaust cam actuator A for cylinder 2
N589	Exhaust cam actuator B for cylinder 2
N591	Inlet cam actuator for cylinder 3
N592	Inlet cam actuator A for cylinder 3
N593	Inlet cam actuator B for cylinder 3
N595	Exhaust cam actuator for cylinder 3
N596	Exhaust cam actuator A for cylinder 3
N597	Exhaust cam actuator B for cylinder 3
T3ba	3-pin connector
T3bb	3-pin connector
T3bc	3-pin connector
T3bd	3-pin connector
T14	14-pin connector
T60	60-pin connector, black
T94	94-pin connector, black
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness

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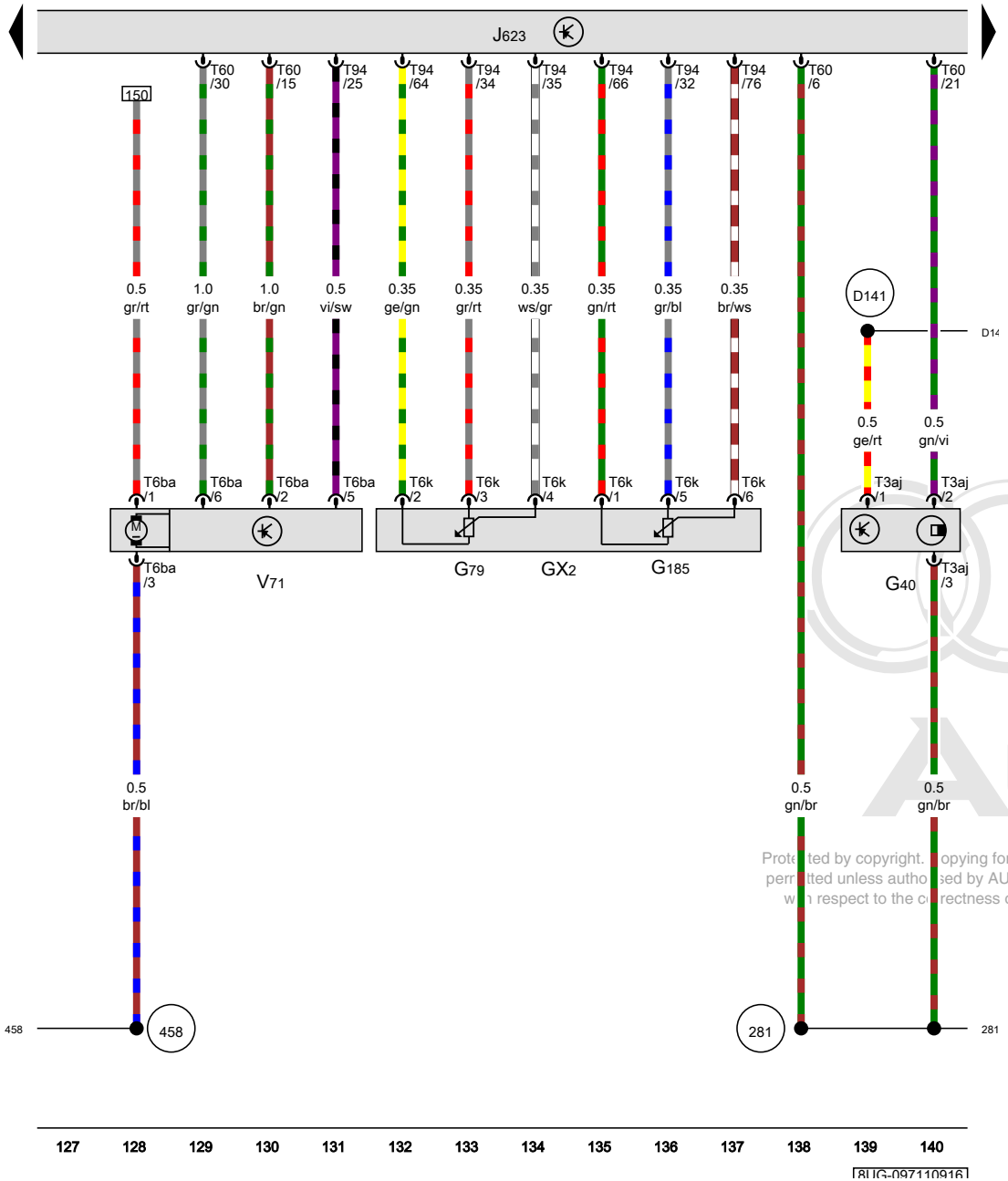
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Coolant temperature sender, 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

G62	Coolant temperature sender
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
T2fp	2-pin connector, black
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
15	Earth point, on cylinder head
306	Earth connection (ignition coils), in engine prewiring harness
458	Earth point 3, engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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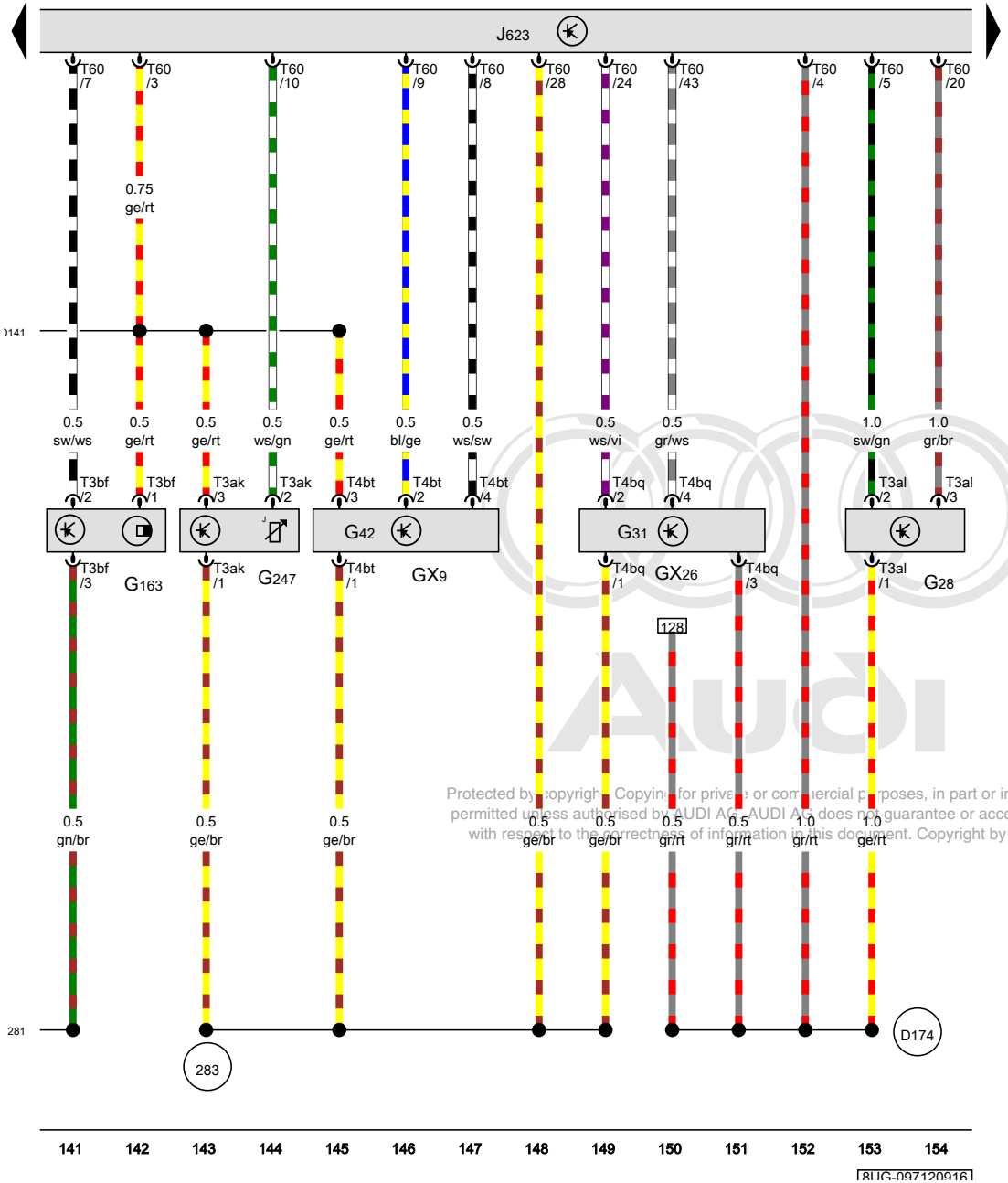
Accelerator pedal module, Hall sender, Accelerator position sender 2, Engine control unit, Air flow flap control motor



GX2	Accelerator pedal module
G40	Hall sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T3aj	3-pin connector, black
T6ba	6-pin connector
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
281	Earth point 1, engine prewiring harness
458	Earth point 3, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

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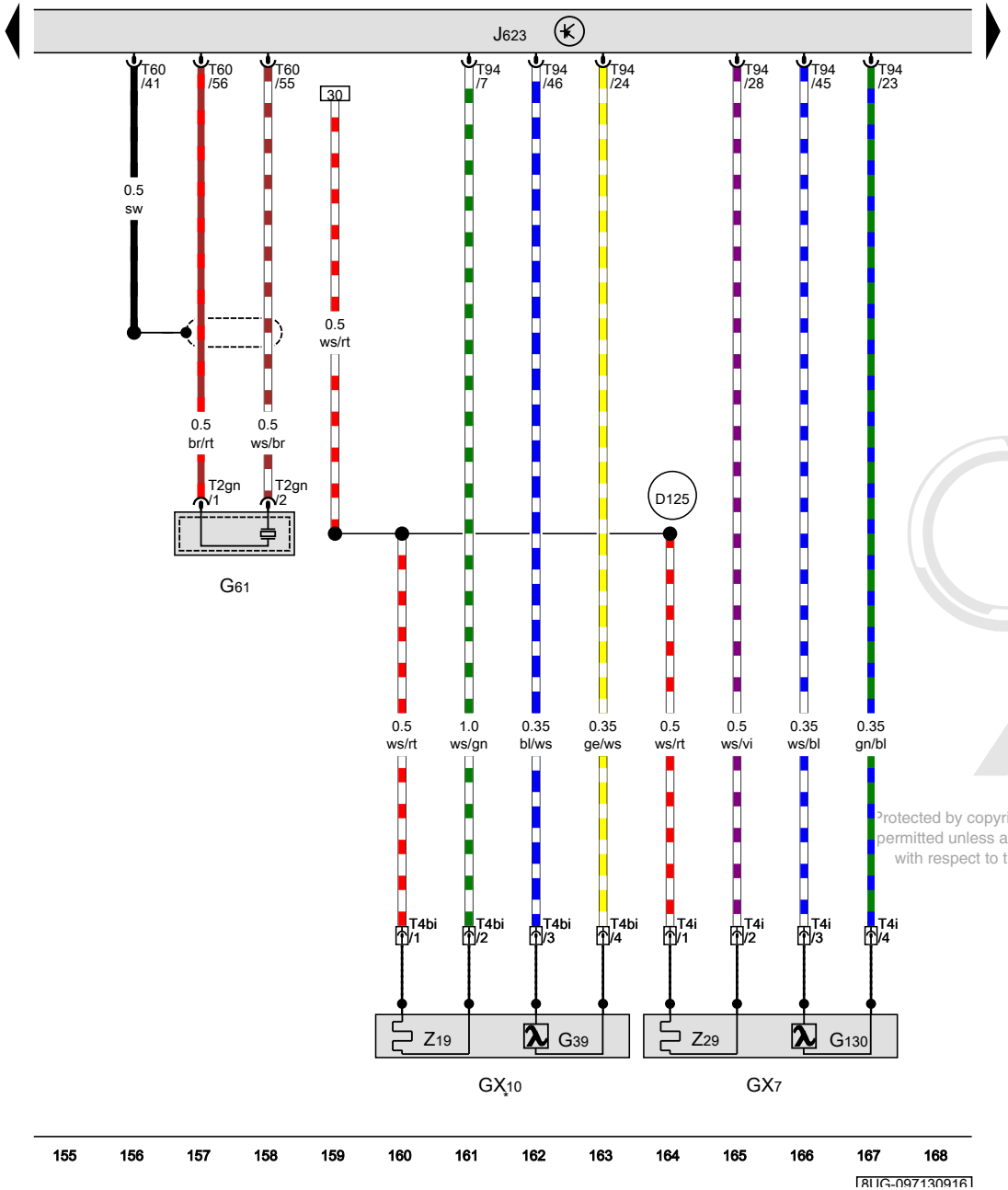


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Intake manifold sender, Charge pressure sender, Engine speed sender, Charge pressure sender, Intake air temperature sender, Hall sender 2, Fuel pressure sender, Engine control unit

GX9	Intake manifold sender
GX26	Charge pressure sender
G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T3ak	3-pin connector, on fuel pressure sender
T3al	3-pin connector, dark brown
T3bf	3-pin connector
T4bq	4-pin connector, black
T4bt	4-pin connector, black
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

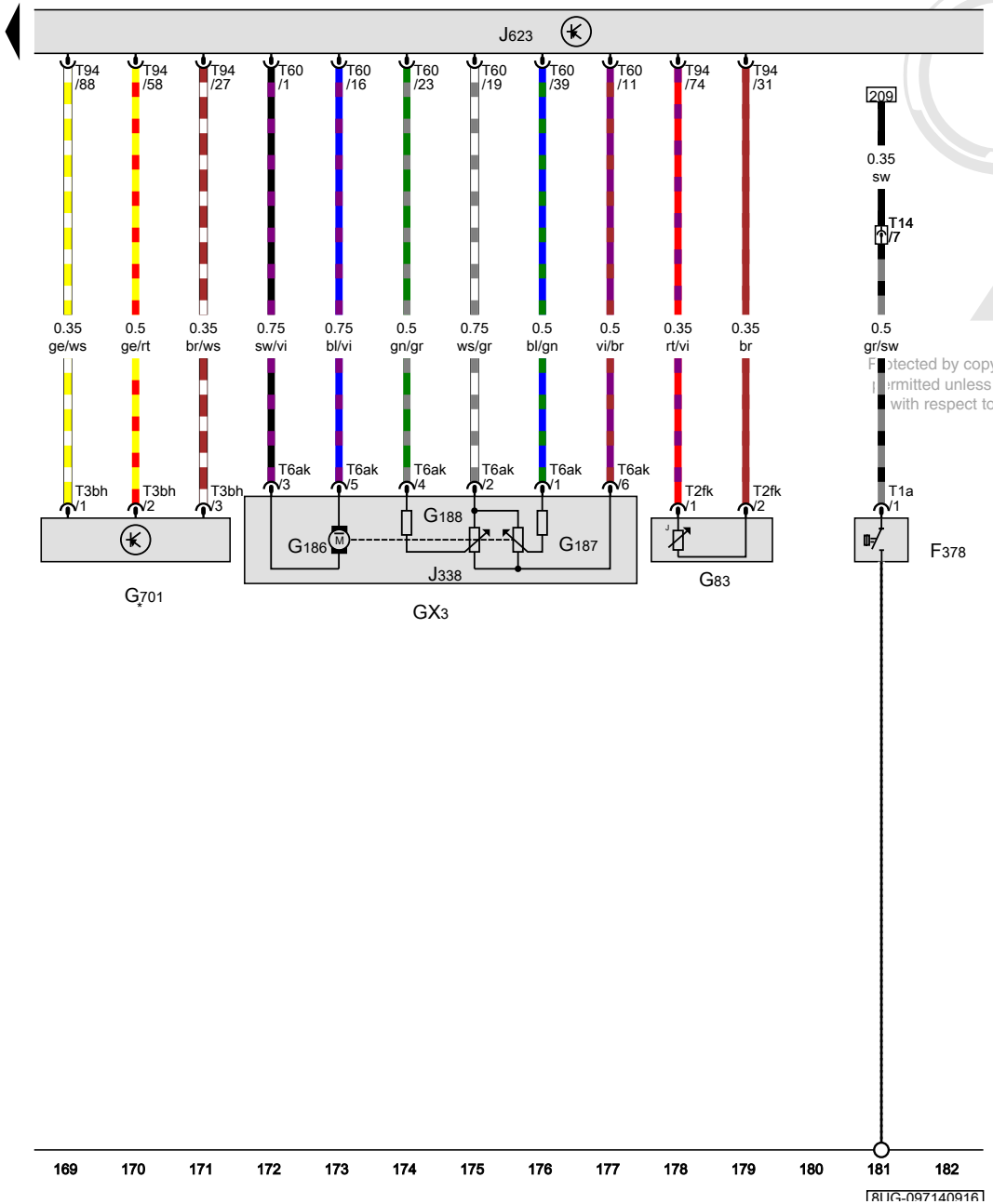


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Knock sensor 1, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G61	Knock sensor 1
G130	Lambda probe after catalytic converter
J623	Engine control unit
T2gn	2-pin connector, black
T4bi	4-pin connector, black
T4i	4-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	According to equipment

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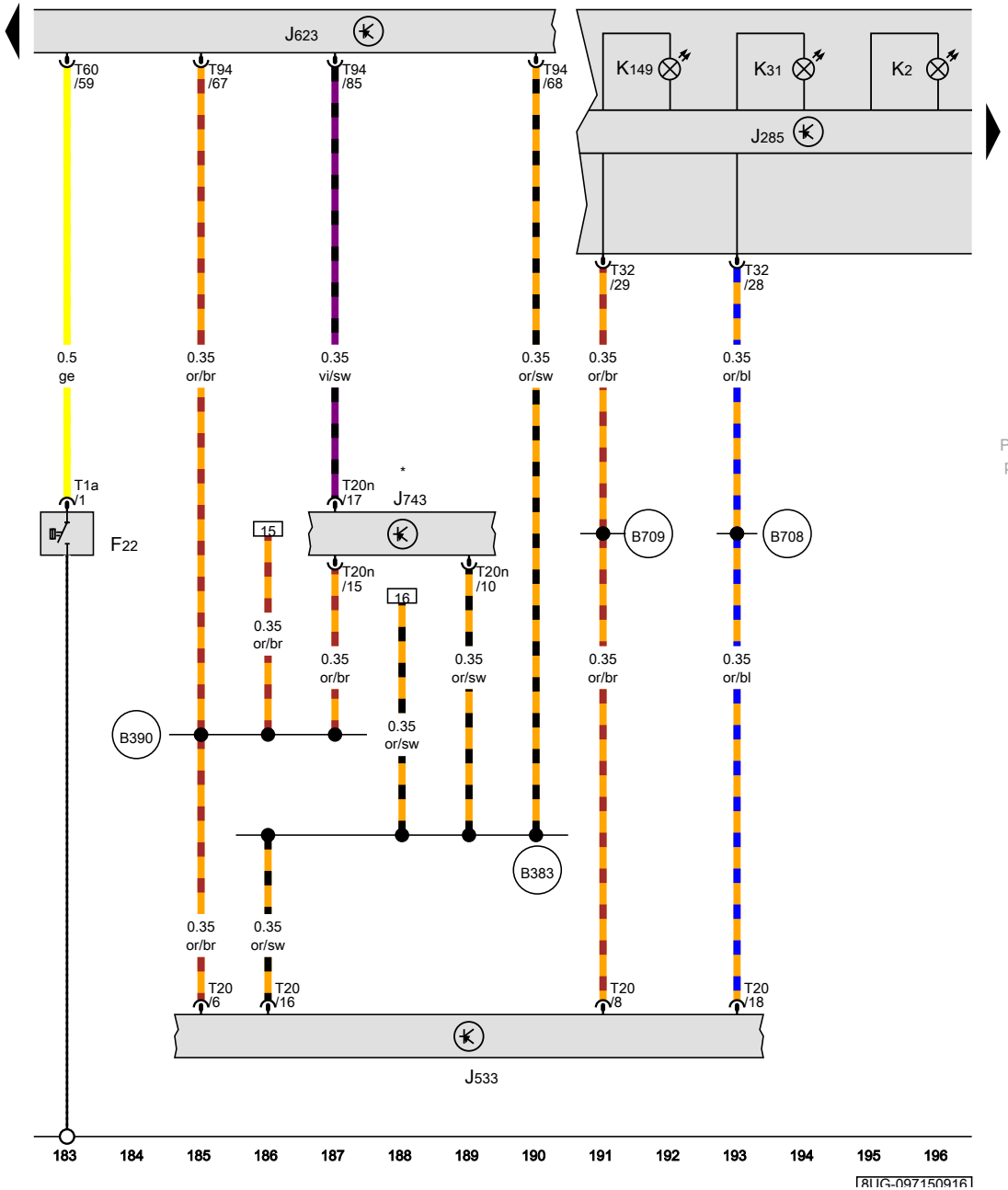


Oil pressure switch for reduced oil pressure, Throttle valve module, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

F378	Oil pressure switch for reduced oil pressure
GX3	Throttle valve module
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
G701	Gearbox neutral position sender
J338	Throttle valve module
J623	Engine control unit
T1a	1-pin connector, black
T2fk	2-pin connector, black
T3bh	3-pin connector, black, brown
T6ak	6-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black
*	Only models with manual gearbox

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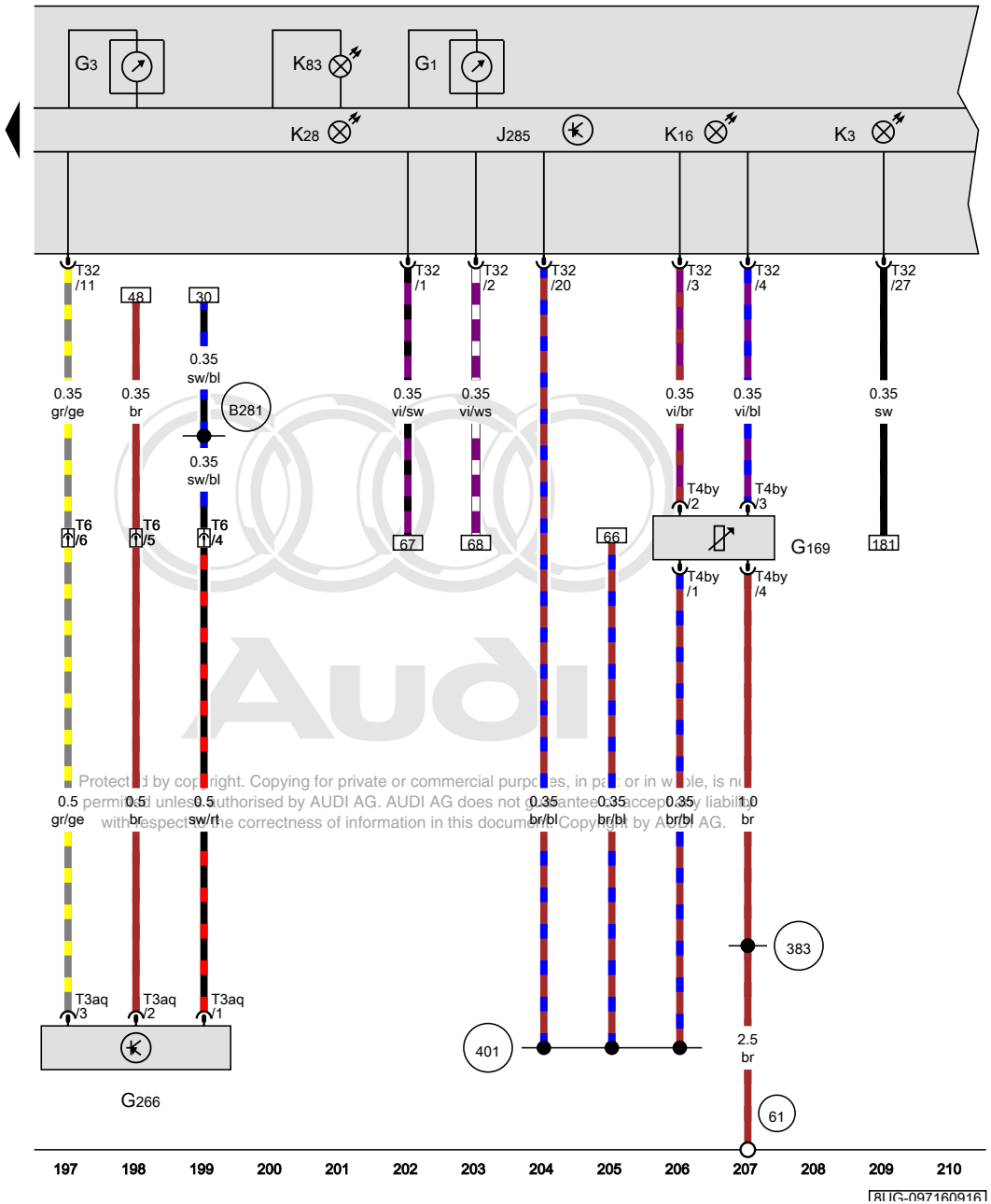


Oil pressure switch, Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

F22	Oil pressure switch
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T1a	1-pin connector, dark blue
T20	20-pin connector, red
T20n	20-pin connector, black
T32	32-pin connector, blue
T60	60-pin connector, black
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for dual clutch gearbox

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Fuel gauge sender 2, Oil level and oil temperature sender, Control unit in dash panel insert

G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T3aq	3-pin connector, black
T4by	4-pin connector
T6	6-pin connector, near front left longitudinal member, black
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness

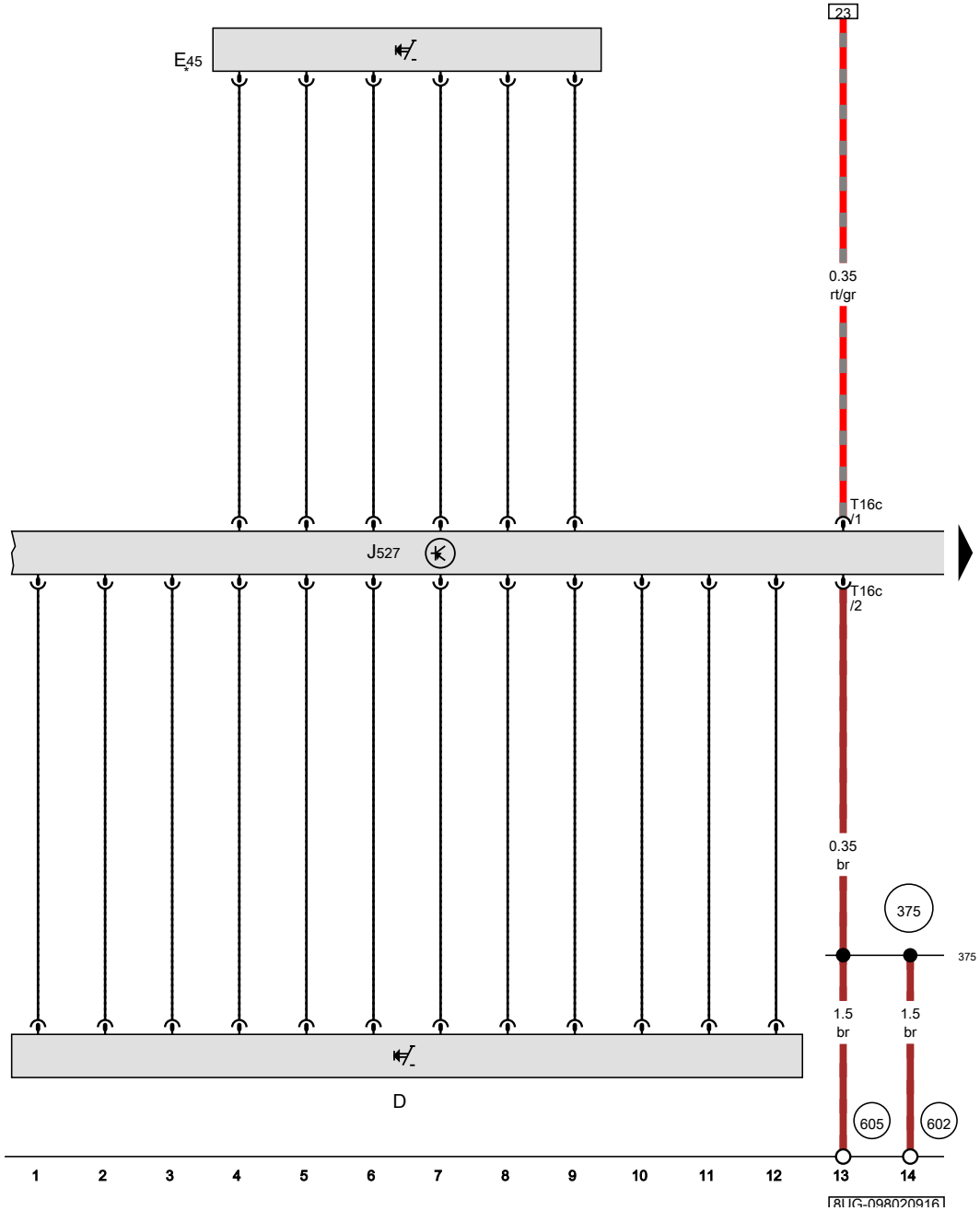
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1.4l petrol engine , CHPB,CZDA,CZDB

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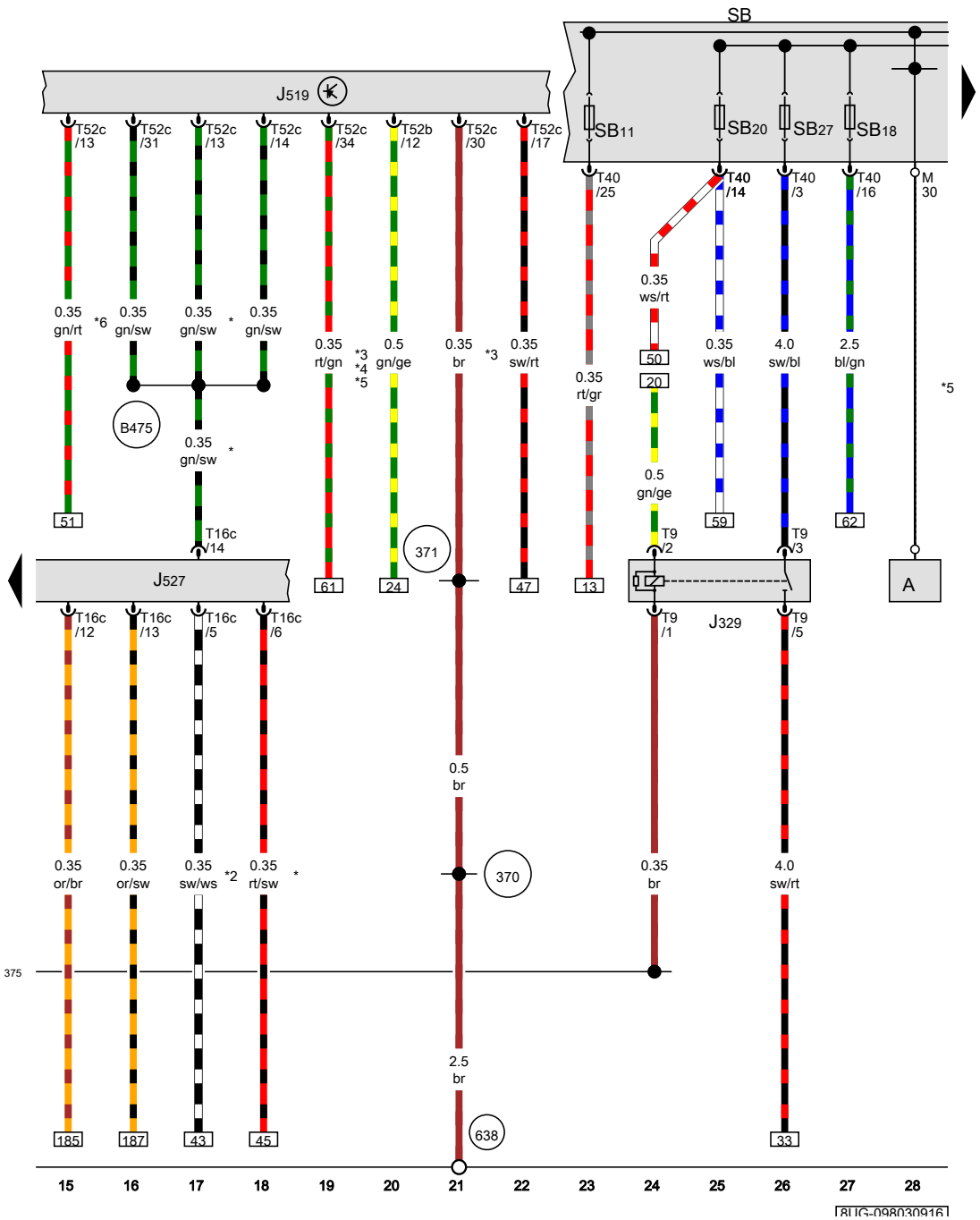


Ignition/starter switch, Cruise control system switch, Steering column electronics control unit

D	Ignition/starter switch
E45	Cruise control system switch
J527	Steering column electronics control unit
T16c	16-pin connector, black
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
*	Only models with cruise control system (CCS)

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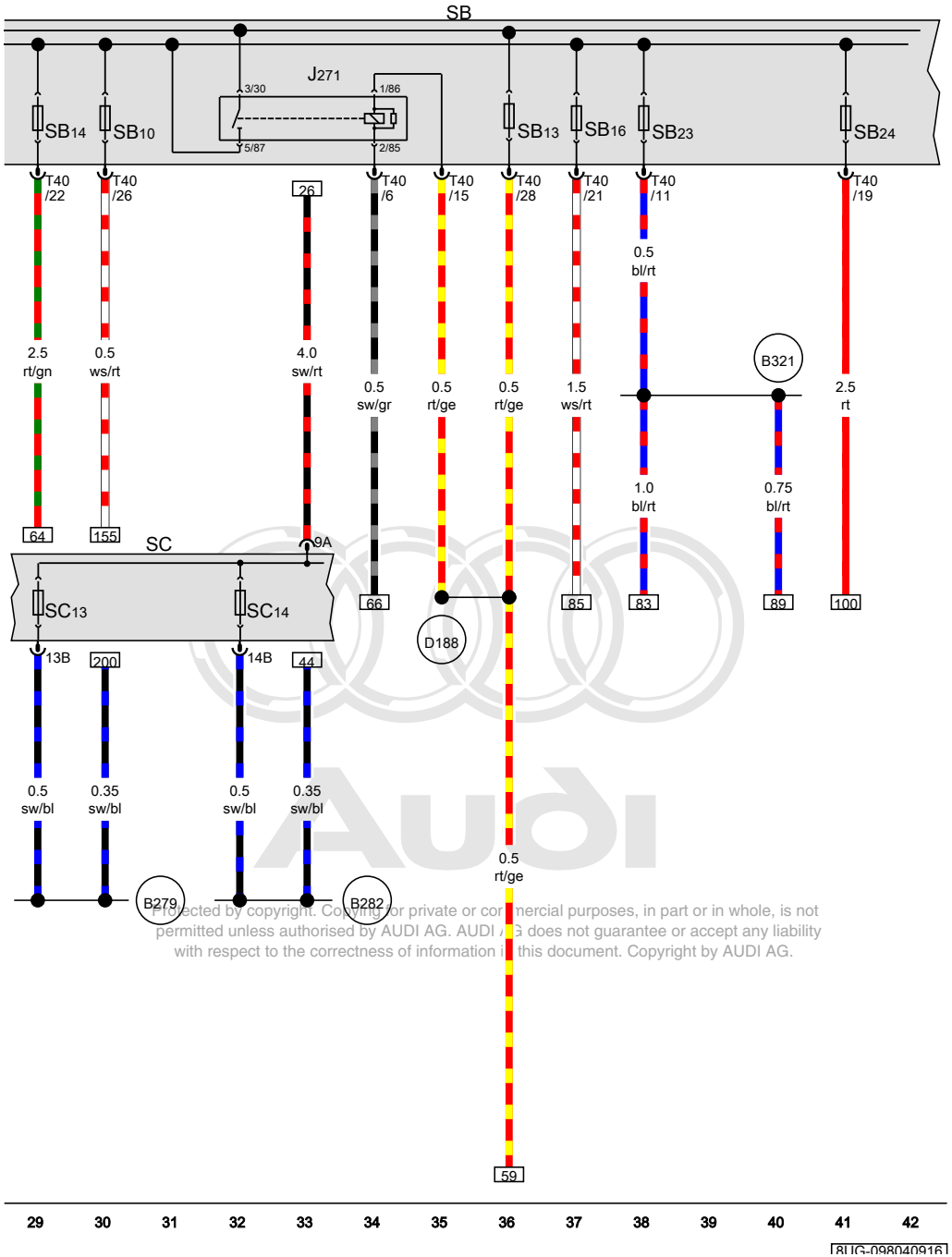


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Terminal 15 voltage supply relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder B

A	Battery
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J527	Steering column electronics control unit
SB	Fuse holder B
SB11	Fuse 11 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB27	Fuse 27 on fuse holder B
T9	9-pin connector, black
T16c	16-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T52c	52-pin connector, brown
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
375	Earth connection 10, in main wiring harness
638	Earth point, on right A-pillar
B475	Connection 11, in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	Only models with energy recovery
*5	see applicable current flow diagram for battery in engine compartment
*6	Only models with entry and start authorisation

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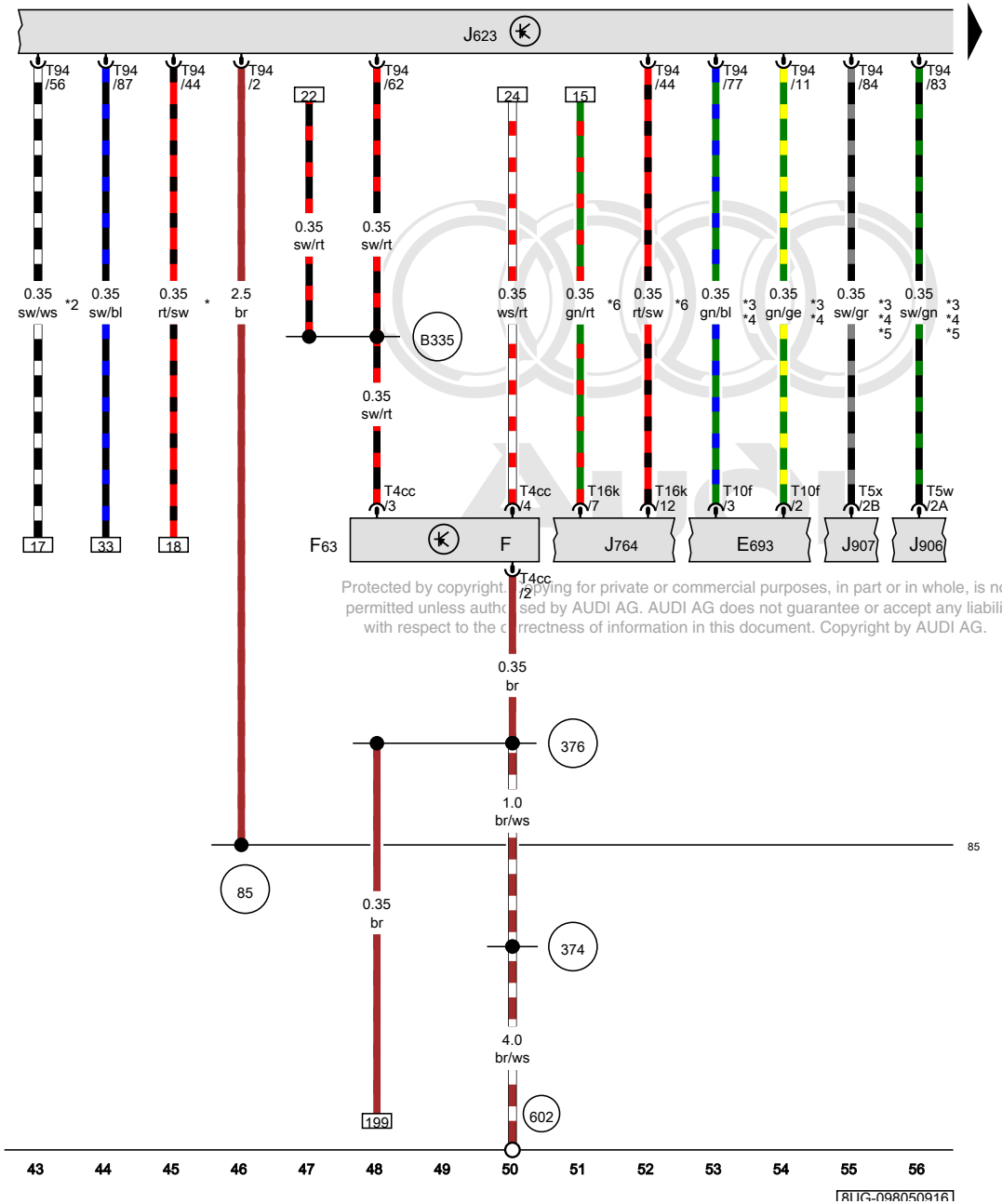
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Main relay, Fuse holder B

J271	Main relay
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
SB13	Fuse 13 on fuse holder B
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
SB14	Fuse 14 on fuse holder B
SC14	Fuse 14 on fuse holder C
SB16	Fuse 16 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
T40	40-pin connector, black
B279	Positive connection 3 (15a) in main wiring harness
B282	Positive connection 6 (15a) in main wiring harness
B321	Positive connection 7 (30a) in main wiring harness
D188	Positive connection 3 (30a), in engine compartment wiring harness

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Brake light switch, Brake pedal switch, Engine control unit

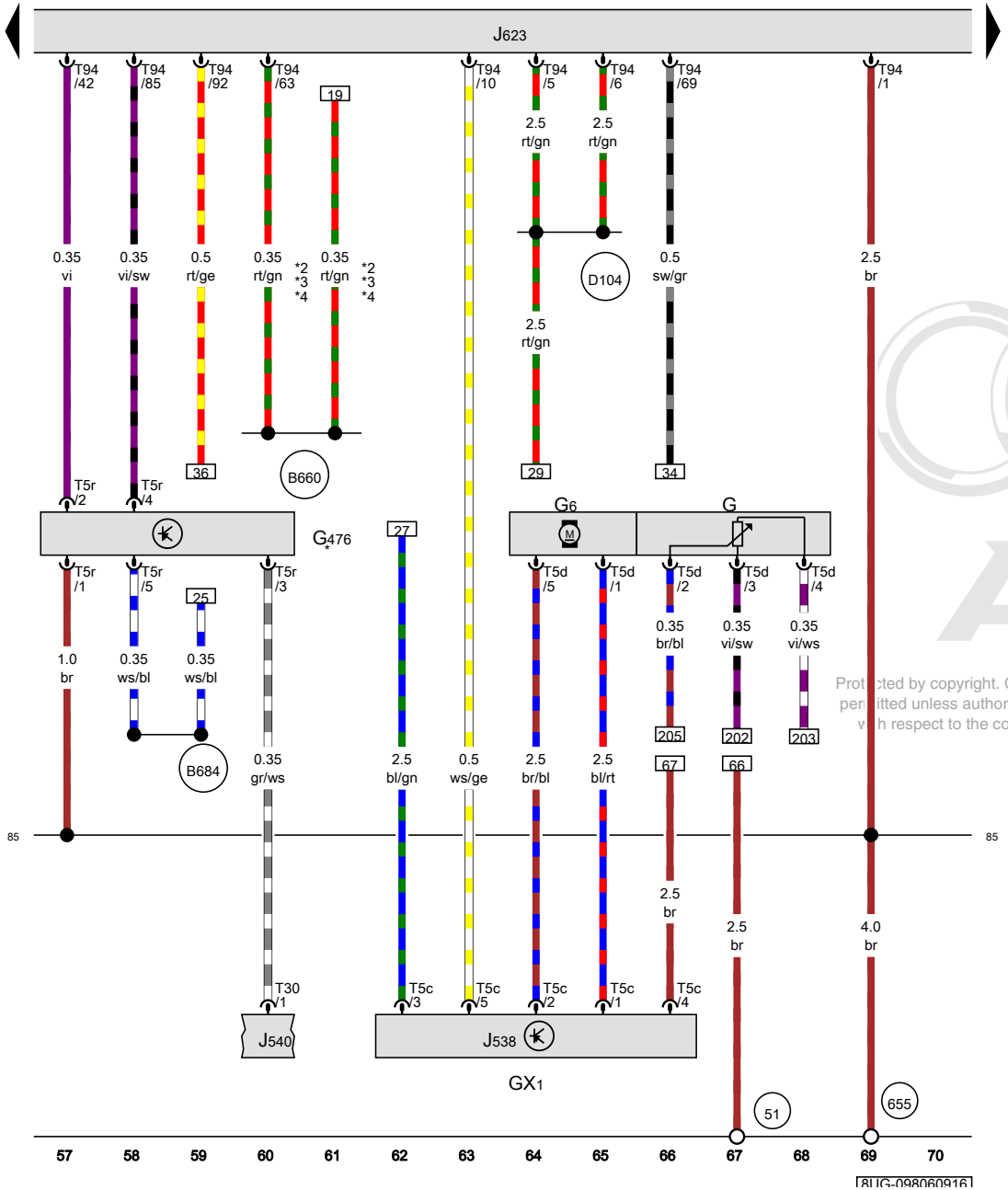


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E693	Start/Stop operation button
F	Brake light switch
F63	Brake pedal switch
J623	Engine control unit
J764	Control unit for electronic steering column lock
J906	Starter relay 1
J907	Starter relay 2
T4cc	4-pin connector, black
T5w	5-pin connector, green
T5x	5-pin connector, green
T10f	10-pin connector, red
T16k	16-pin connector
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
602	Earth point, in front left footwell
B335	Connection 1 (54), in main wiring harness
*	Only models with no entry and start authorisation
*2	Only models with cruise control system (CCS)
*3	Only models with start/stop system
*4	see applicable current flow diagram for battery in engine compartment
*5	Only models with energy recovery
*6	Only models with entry and start authorisation

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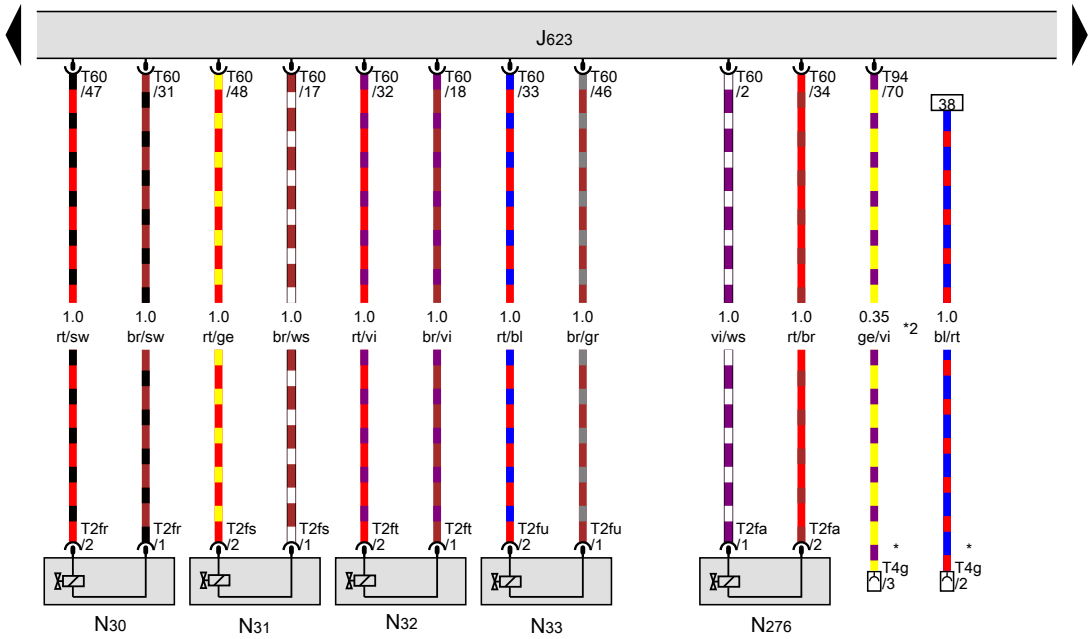
Fuel gauge sender, Fuel system pressurisation pump, Clutch position sender, Engine control unit

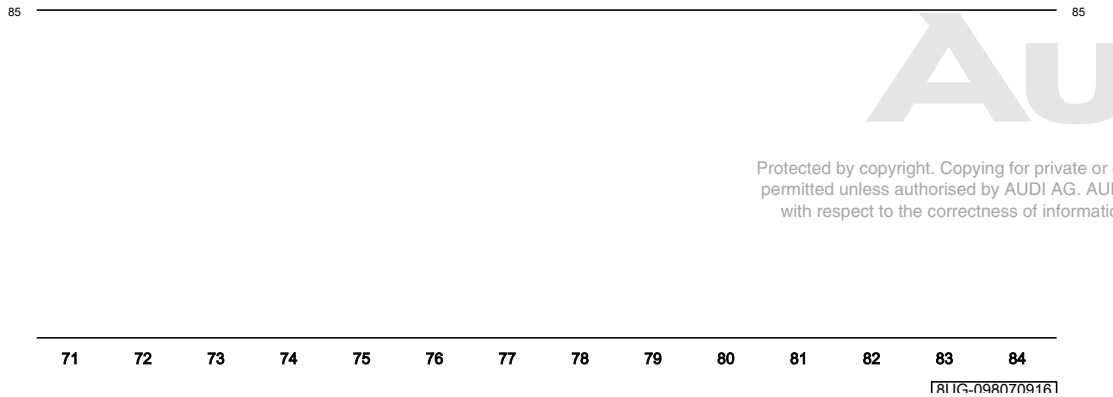


G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
G476	Clutch position sender
J538	Fuel pump control unit
J540	Control unit for electromechanical parking brake
J623	Engine control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T5r	5-pin connector, black
T30	30-pin connector, black
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
85	Earth connection 1, in engine compartment wiring harness
655	Earth point, on left headlight
B660	Connection (diagnosis terminal 50), in main wiring harness
B684	Positive connection 24 (30a) in main wiring harness
D104	Positive connection 2 (30a), in engine compartment wiring harness
*	Only models with manual gearbox
*2	Only models with start/stop system
*3	Only models with energy recovery
*4	see applicable current flow diagram for battery in engine compartment

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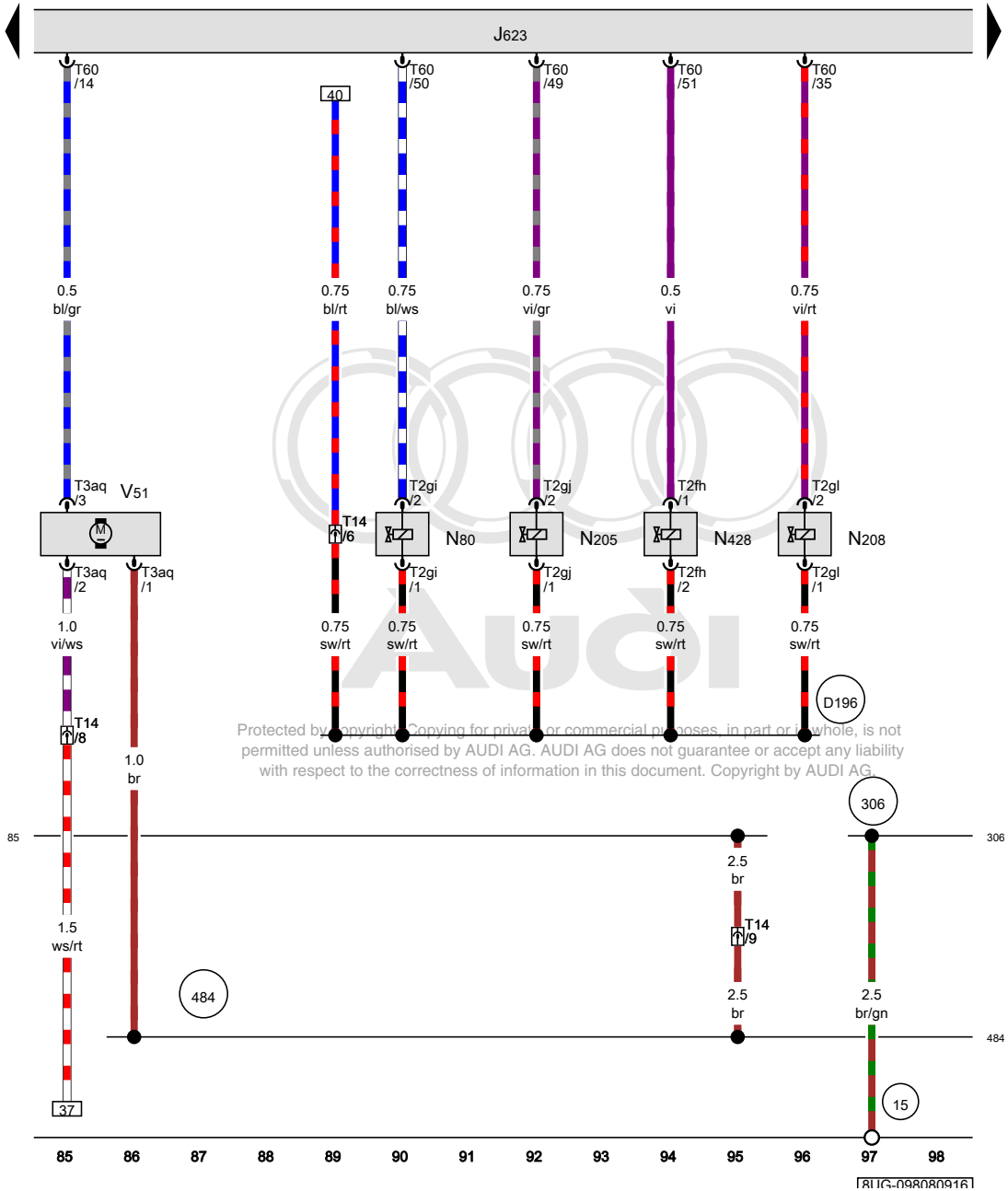


Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve

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
T2fa	2-pin connector
T2fr	2-pin connector, black
T2fs	2-pin connector, black
T2ft	2-pin connector, black
T2fu	2-pin connector, black
T4g	4-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
*	Radiator fan connection
*2	gradual introduction

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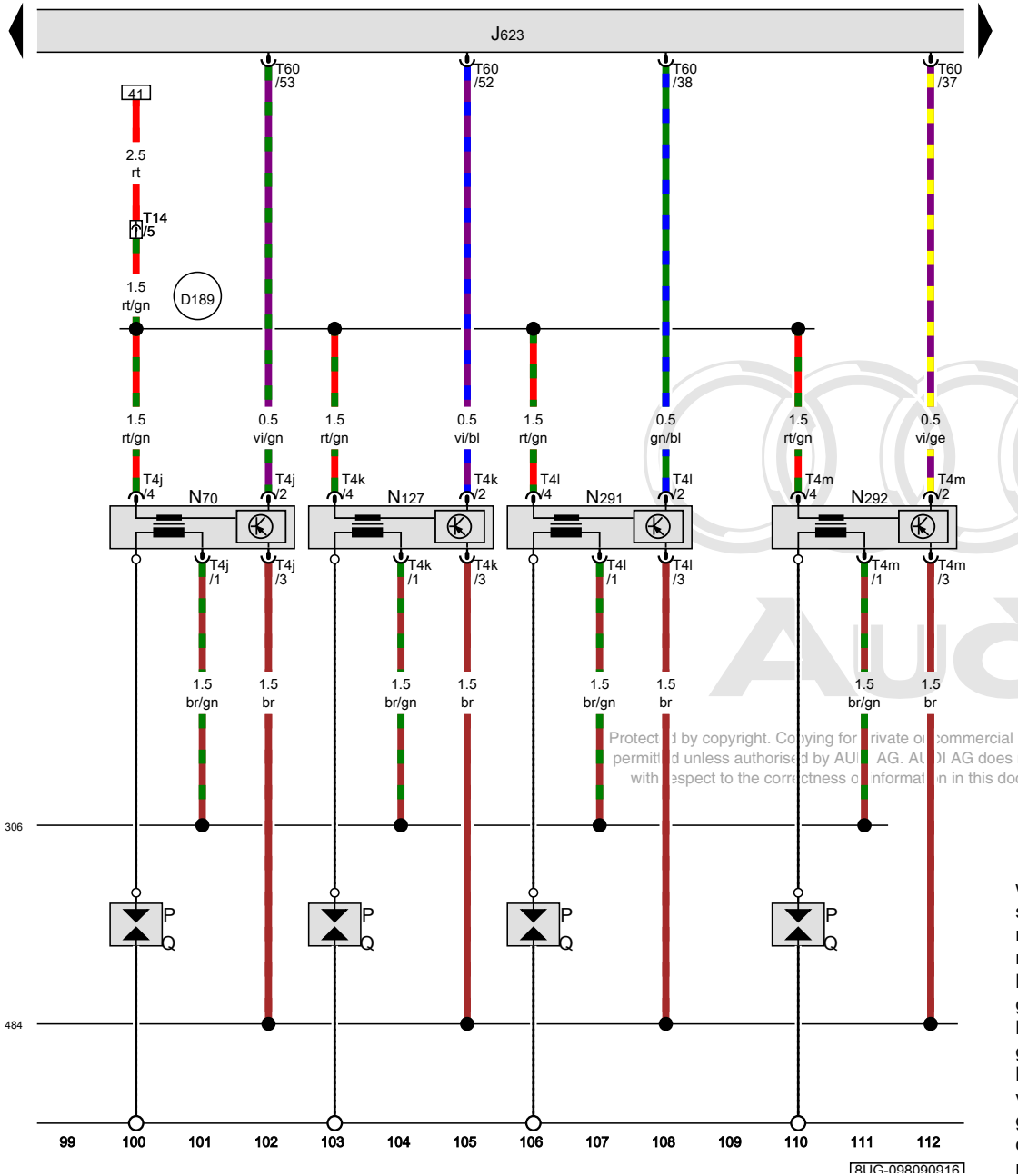
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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control, Continued coolant circulation pump

J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
T2fh	2-pin connector, black
T2gi	2-pin connector, yellow
T2gj	2-pin connector, black
T2gl	2-pin connector, black
T3aq	3-pin connector
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
V51	Continued coolant circulation pump
15	Earth point, on cylinder head
85	Earth connection 1, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness

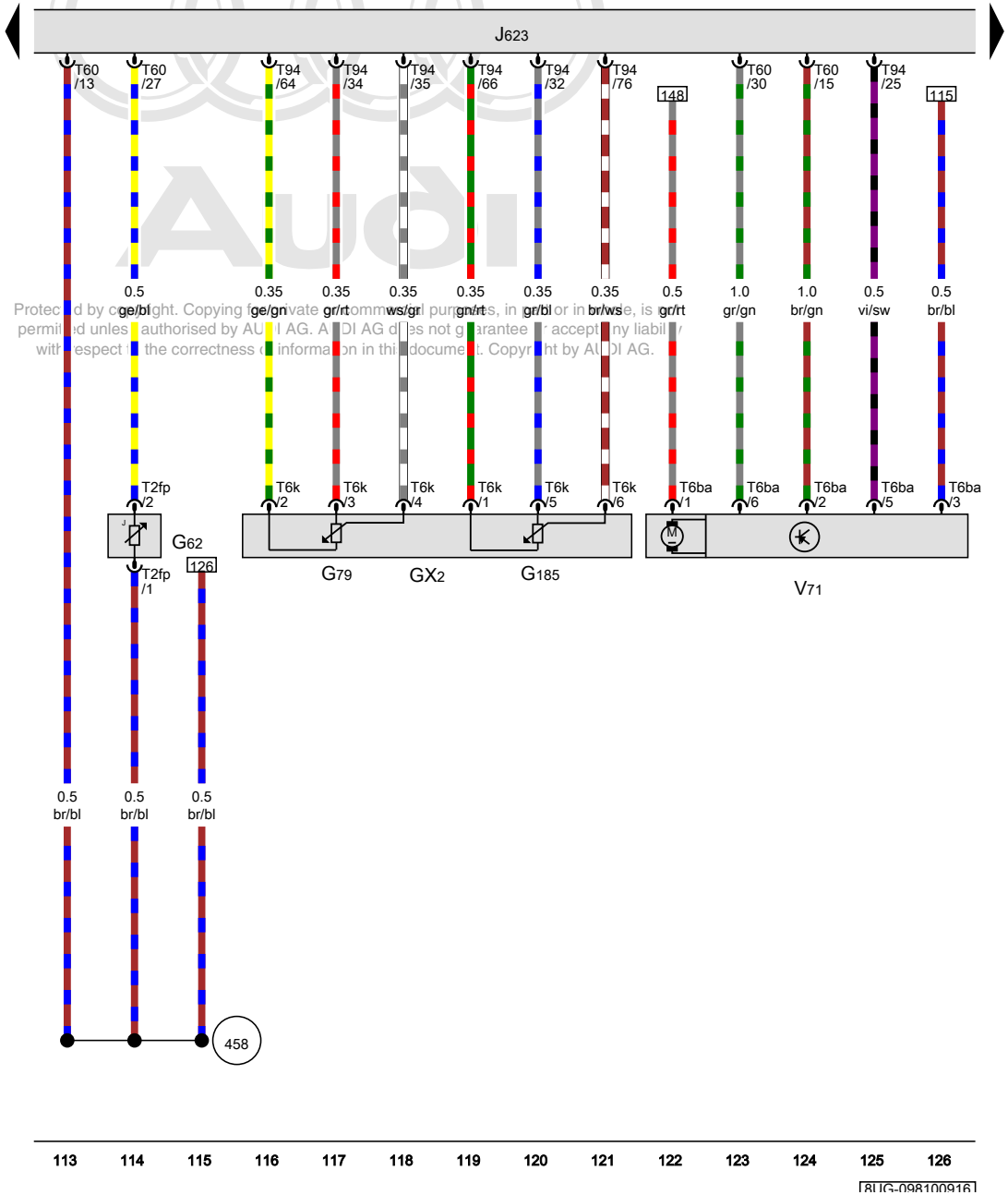
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage



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
T4j	4-pin connector, black
T4k	4-pin connector, black
T4l	4-pin connector, black
T4m	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
306	Earth connection (ignition coils), in engine prewiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D189	Connection (87a) in engine prewiring harness

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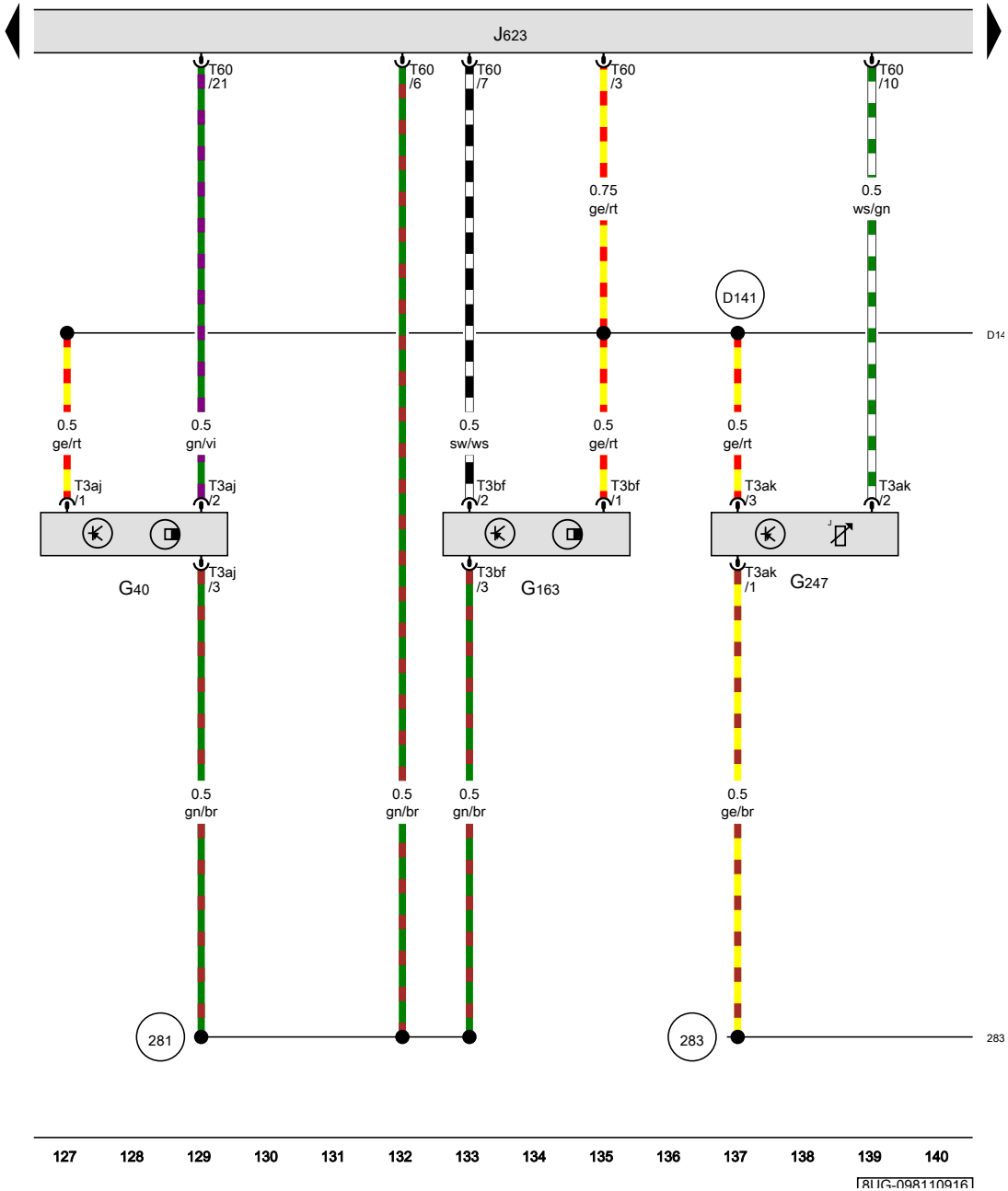
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Accelerator pedal module, Coolant temperature sender, Accelerator position sender 2, Engine control unit, Air flow flap control motor

GX2	Accelerator pedal module
G62	Coolant temperature sender
G79	Accelerator position sender
G185	Accelerator position sender 2
J623	Engine control unit
T2fp	2-pin connector, black
T6ba	6-pin connector
T6k	6-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
V71	Air flow flap control motor
458	Earth point 3, engine prewiring harness

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rs	=	pink

Hall sender, Hall sender 2, Fuel pressure sender, Engine control unit

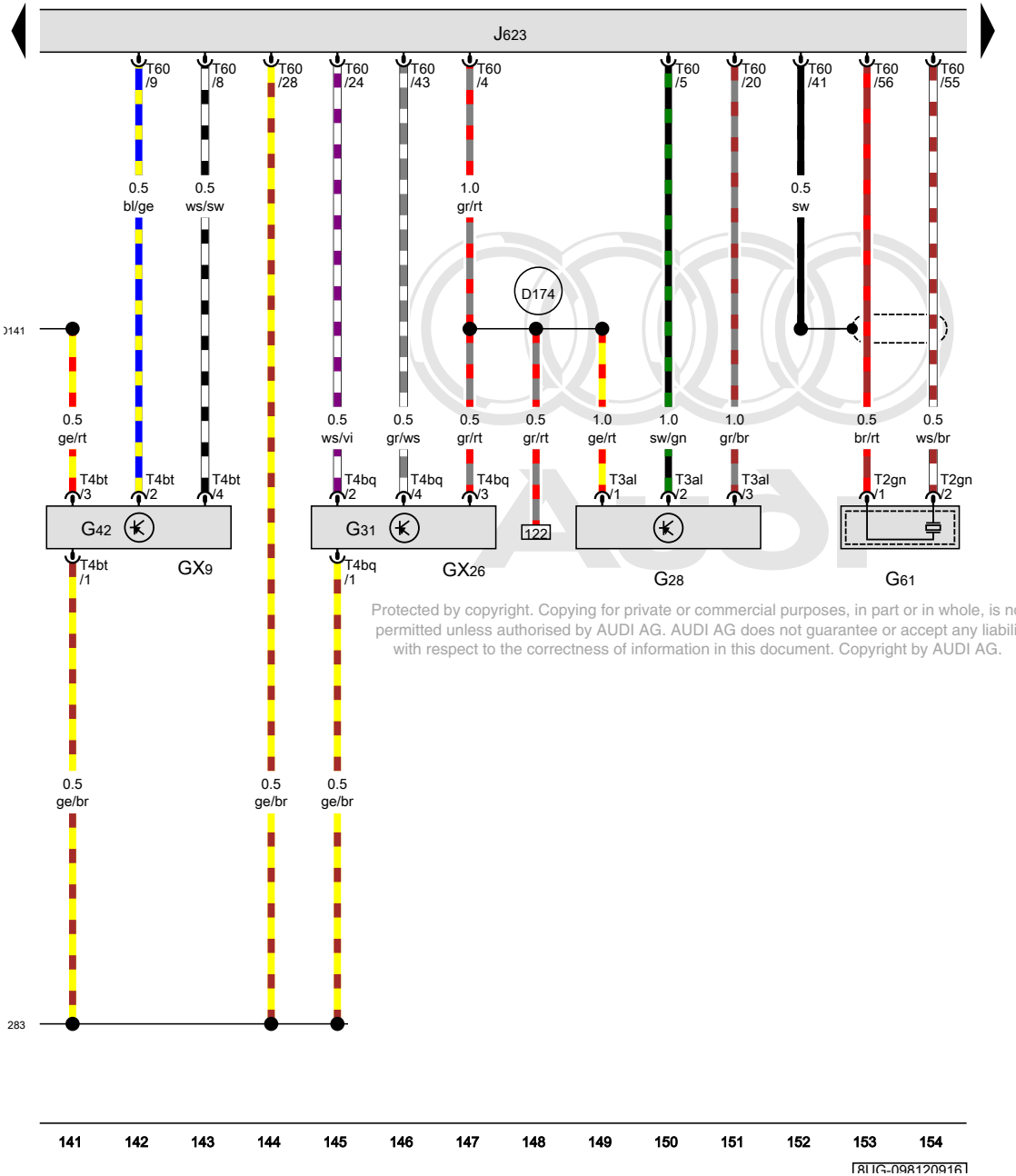


G40	Hall sender
G163	Hall sender 2
G247	Fuel pressure sender
J623	Engine control unit
T3aj	3-pin connector, black
T3ak	3-pin connector, on fuel pressure sender
T3bf	3-pin connector
T60	60-pin connector, black
281	Earth point 1, engine prewiring harness
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness

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rt	=	red
br	=	brown
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rs	=	pink

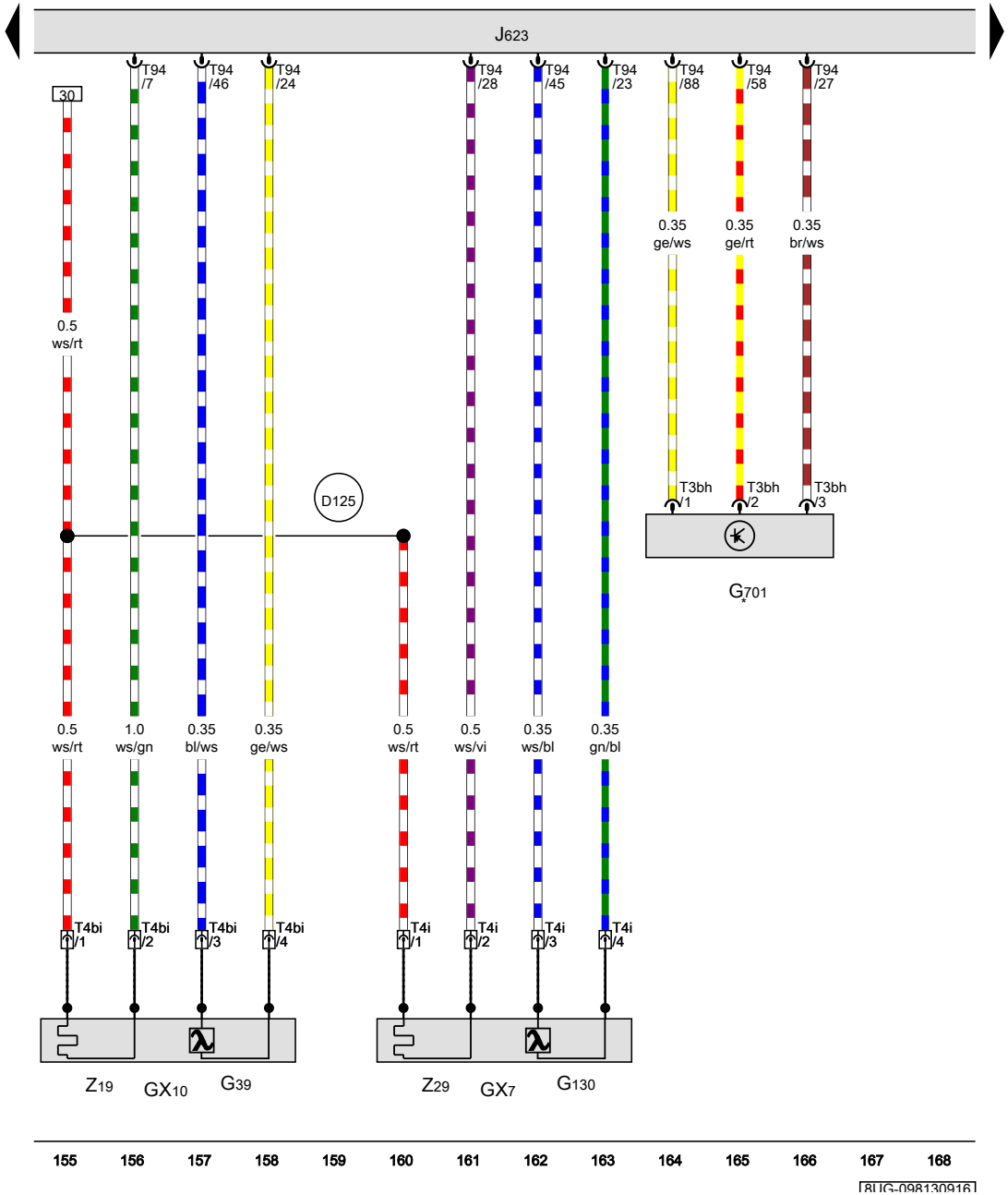
Engine speed sender, Charge pressure sender, Intake air temperature sender, Knock sensor 1, Engine control unit



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GX9	Intake manifold sender
GX26	Charge pressure sender
G28	Engine speed sender
G31	Charge pressure sender
G42	Intake air temperature sender
G61	Knock sensor 1
J623	Engine control unit
T2gn	2-pin connector, black
T3al	3-pin connector, dark brown
T4bq	4-pin connector, black
T4bt	4-pin connector, black
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness

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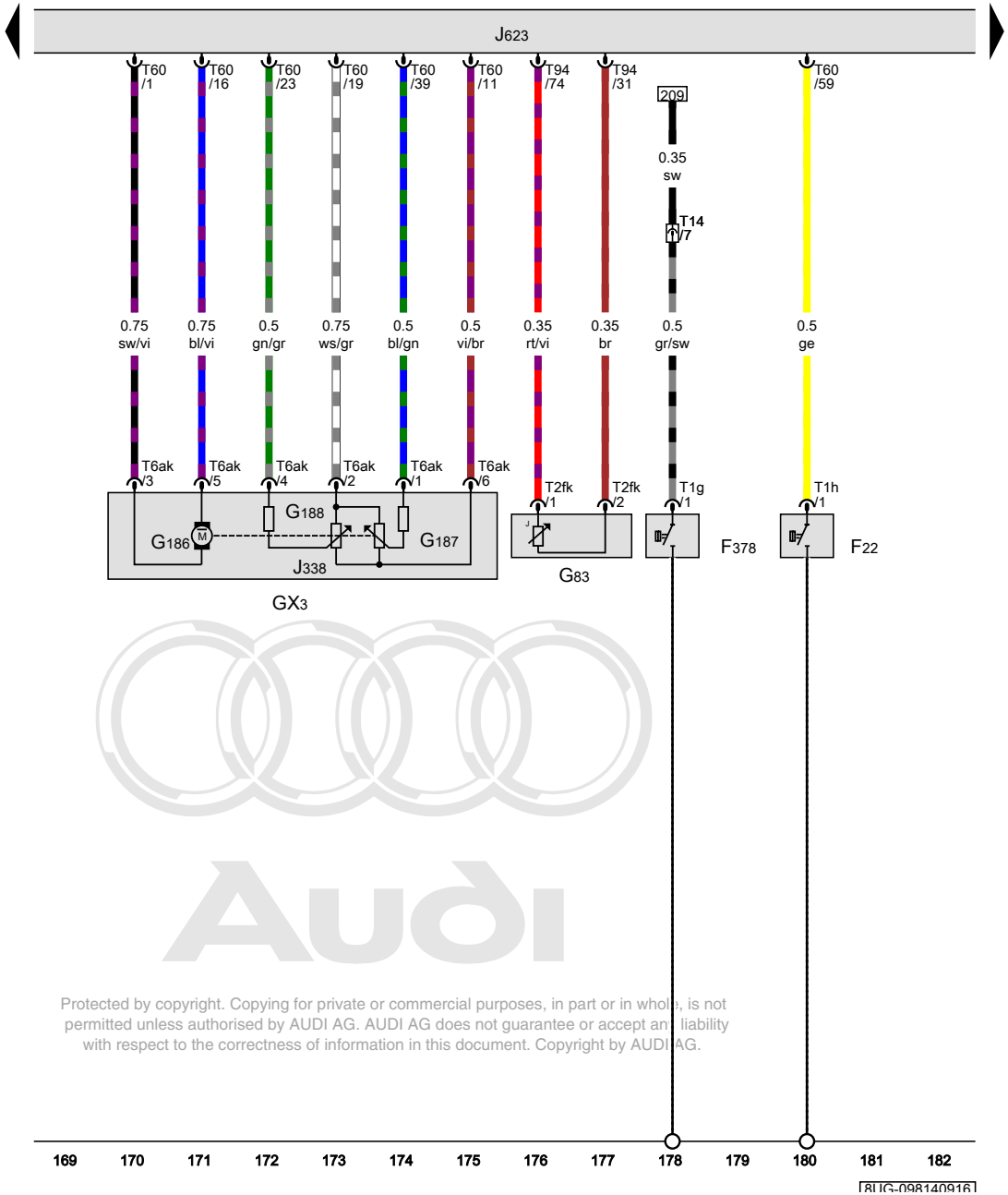


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Gearbox neutral position sender, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

GX7	Lambda probe 1 after catalytic converter
GX10	Lambda probe 1 before catalytic converter
G39	Lambda probe
G130	Lambda probe after catalytic converter
G701	Gearbox neutral position sender
J623	Engine control unit
T3bh	3-pin connector, black, brown
T4bi	4-pin connector, black
T4i	4-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D125	Connection 23 in engine compartment wiring harness
*	Only models with manual gearbox

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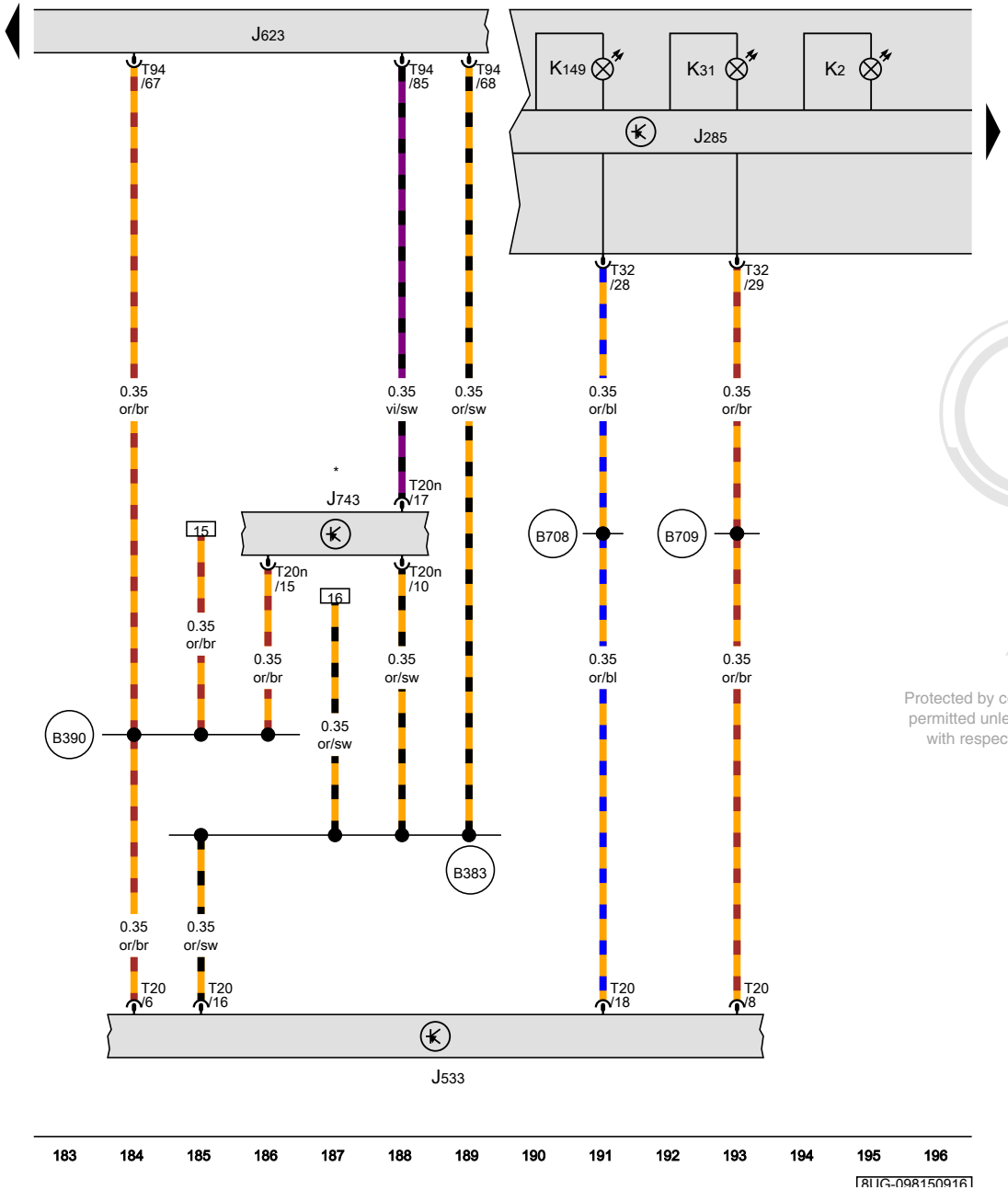


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Oil pressure switch, Oil pressure switch for reduced oil pressure, Throttle valve module, Radiator outlet coolant temperature sender, Engine control unit

F22	Oil pressure switch
F378	Oil pressure switch for reduced oil pressure
GX3	Throttle valve module
G83	Radiator outlet coolant temperature sender
G186	Throttle valve drive for electric throttle
G187	Throttle valve drive angle sender 1 for electric throttle
G188	Throttle valve drive angle sender 2 for electric throttle
J338	Throttle valve module
J623	Engine control unit
T1g	1-pin connector, black
T1h	1-pin connector, dark blue
T2fk	2-pin connector, black
T6ak	6-pin connector, black
T14	14-pin connector, near front left longitudinal member, black
T60	60-pin connector, black
T94	94-pin connector, black

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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
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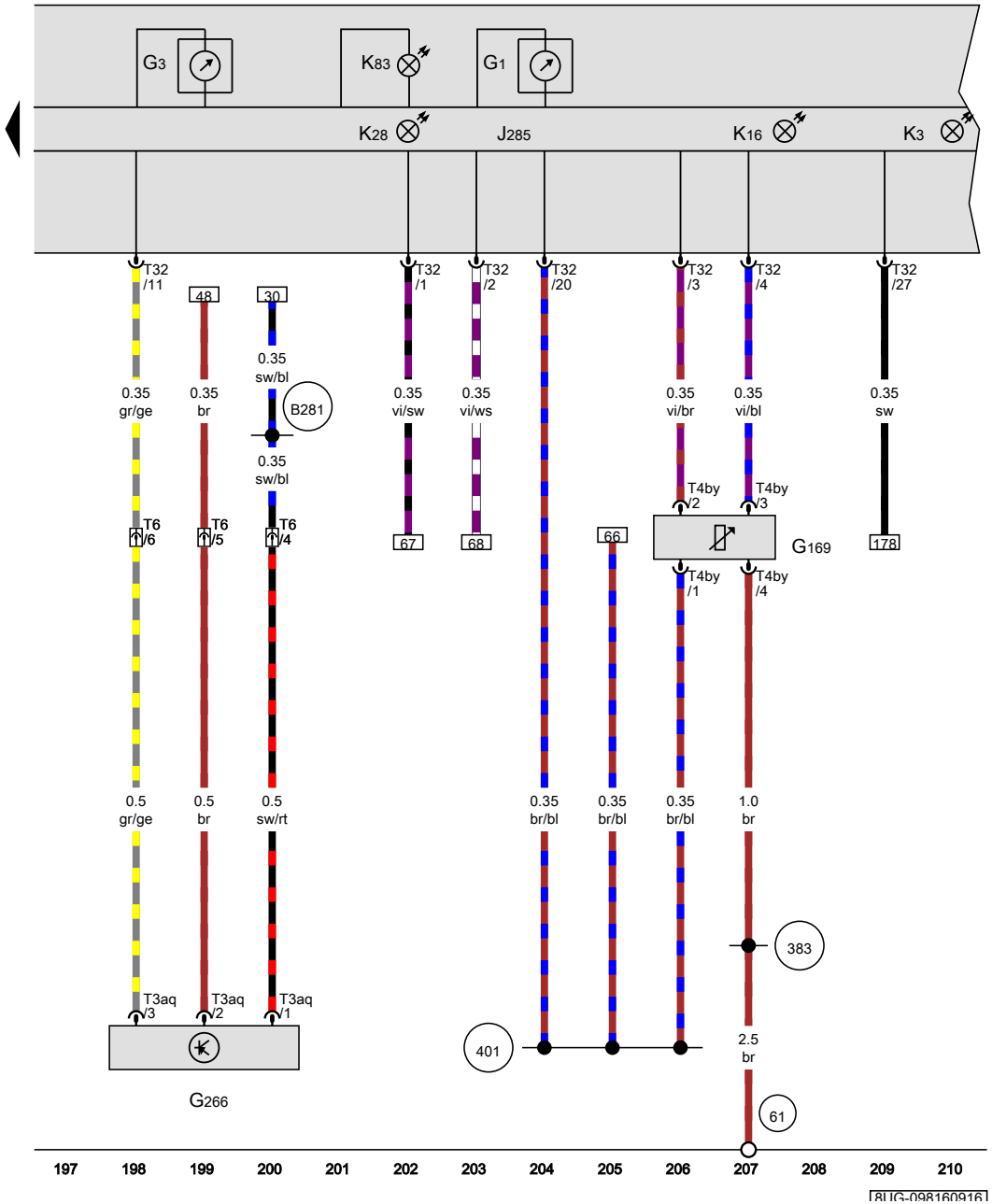
Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine control unit
J743	Mechatronic unit for dual clutch gearbox
K2	Alternator warning lamp
K31	Cruise control system warning lamp
K149	Engine electronics warning lamp
T20	20-pin connector, red
T20n	20-pin connector, black
T32	32-pin connector, blue
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness
*	see applicable current flow diagram for dual clutch gearbox

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Oil level and oil temperature sender, Control unit in dash panel insert



G1	Fuel gauge
G3	Coolant temperature gauge
G169	Fuel gauge sender 2
G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
K3	Oil pressure warning lamp
K16	Reserve fuel warning lamp
K28	Coolant temperature and coolant shortage warning lamp
K83	Exhaust emissions warning lamp
T3aq	3-pin connector, black
T4by	4-pin connector
T6	6-pin connector, near front left longitudinal member, black
T32	32-pin connector, blue
61	Earth point, left C-pillar
383	Earth connection 18, in main wiring harness
401	Earth connection (sender earth), in interior wiring harness
B281	Positive connection 5 (15a) in main wiring harness

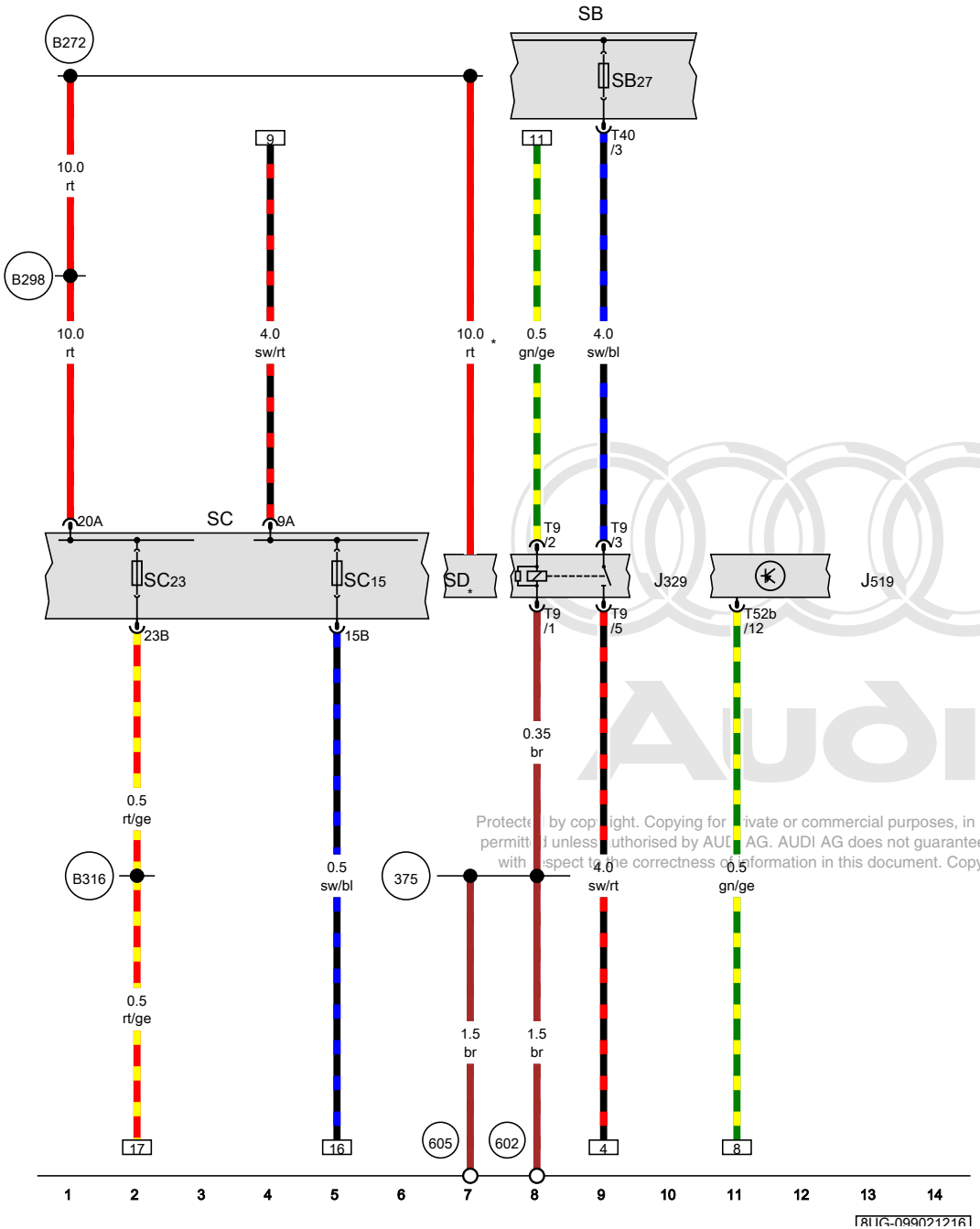
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USB charging sockets

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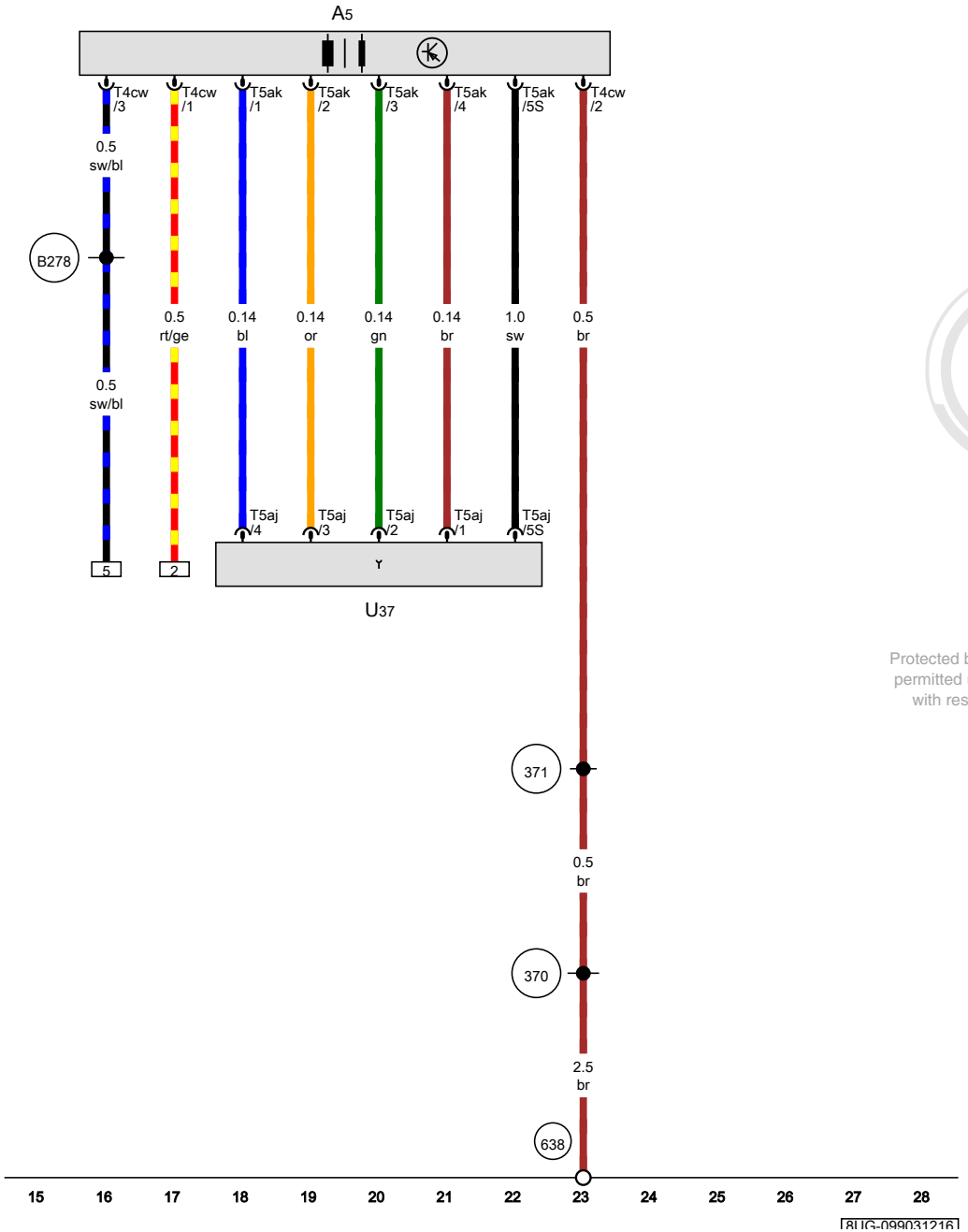
Audi
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J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC23	Fuse 23 on fuse holder C
SD	Fuse holder D
T9	9-pin connector
T40	40-pin connector
T52b	52-pin connector
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness
*	see applicable current flow diagram for fuse assignment

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

Voltage converter for USB charge module, USB charging socket 1

A5	Voltage converter for USB charge module
T4cw	4-pin connector, red
T5aj	5-pin connector, green
T5ak	5-pin connector, blue
U37	USB charging socket 1
370	Earth connection 5, in main wiring harness
371	Earth connection 6, in main wiring harness
638	Earth point, on right A-pillar
B278	Positive connection 2 (15a) in main wiring harness



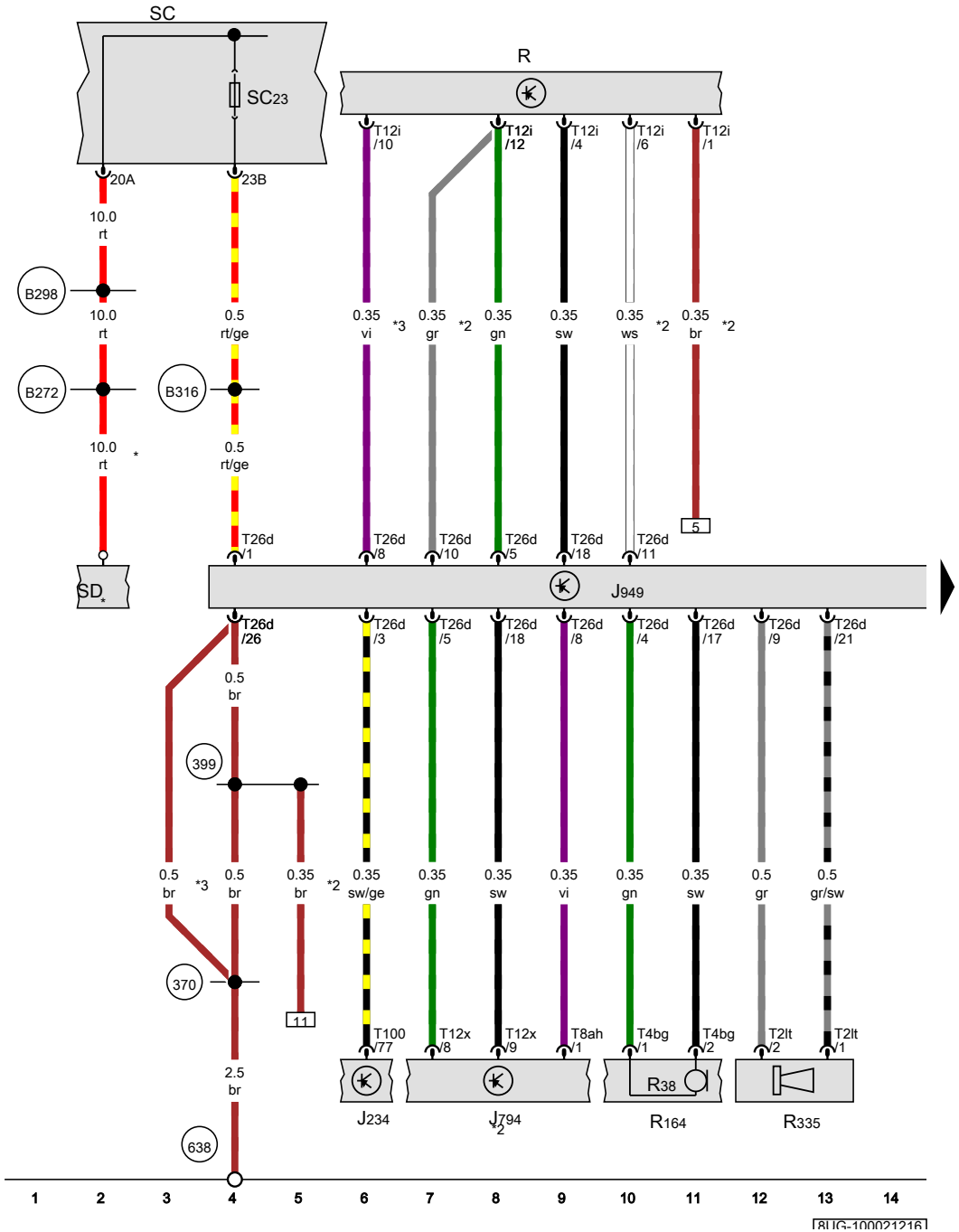
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Emergency call module , (NZ3)

From November 2016

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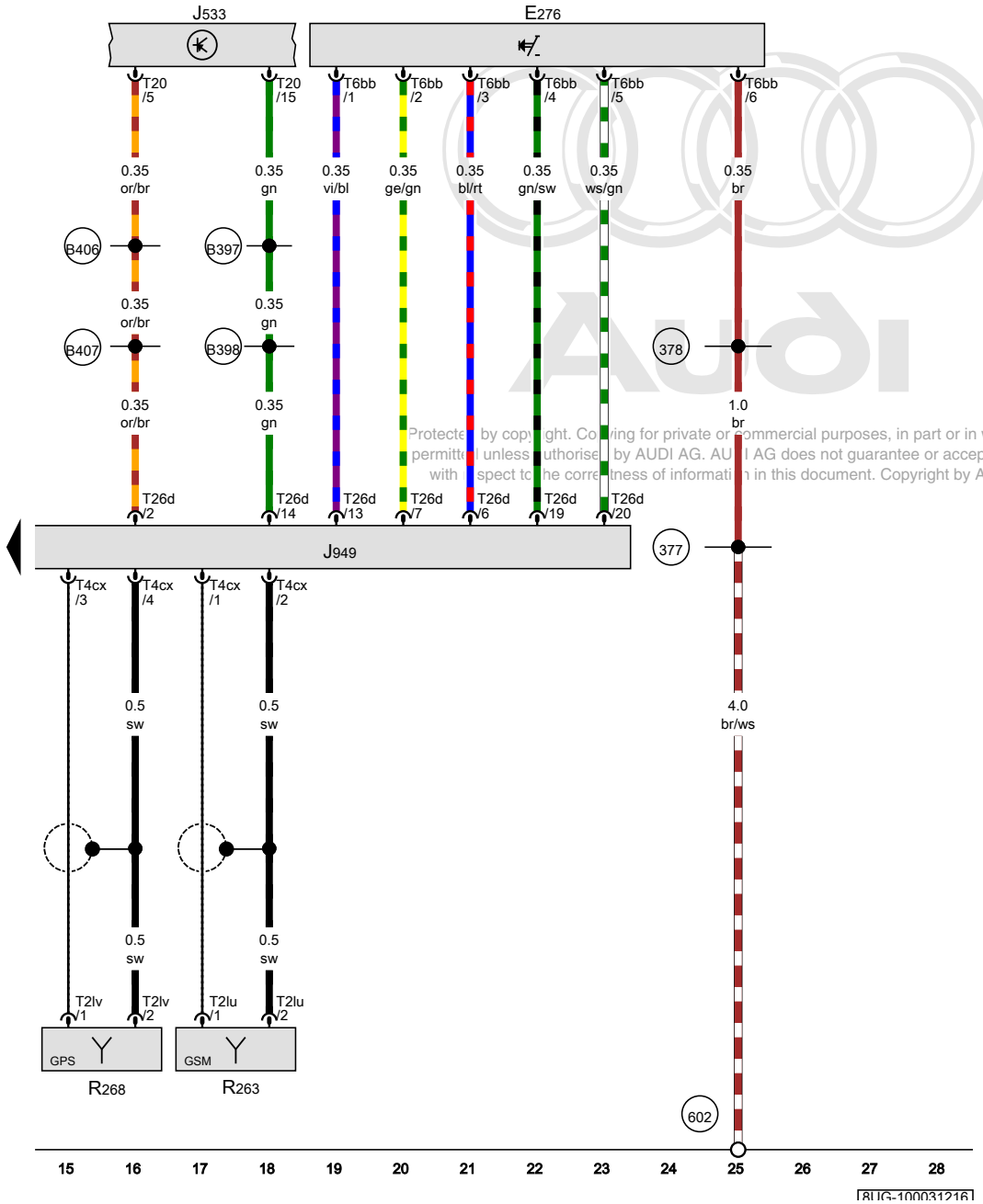
Airbag control unit, Control unit 1 for information electronics, Emergency call module control unit and communication unit, Radio, Telephone microphone, Microphone unit in front roof module, Loudspeaker for emergency call module, Fuse holder C

J234	Airbag control unit
J794	Control unit 1 for information electronics
J949	Emergency call module control unit and communication unit
R	Radio
R38	Telephone microphone
R164	Microphone unit in front roof module
R335	Loudspeaker for emergency call module
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SD	Fuse holder D
T2lt	2-pin connector, black
T4bg	4-pin connector, black
T8ah	8-pin connector, brown
T12i	12-pin connector, blue
T12x	12-pin connector, blue
T26d	26-pin connector, black
T100	100-pin connector, yellow
370	Earth connection 5, in main wiring harness
399	Earth connection 34, in main wiring harness
638	Earth point, on right A-pillar
B272	Positive connection (30), in main wiring harness
B298	Positive connection 2 (30), in main wiring harness
B316	Positive connection 2 (30a) in main wiring harness

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

*	see applicable current flow diagram for fuse assignment
*2	Only models with MMI
*3	Only models with radio chorus

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BUG-1000031216

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

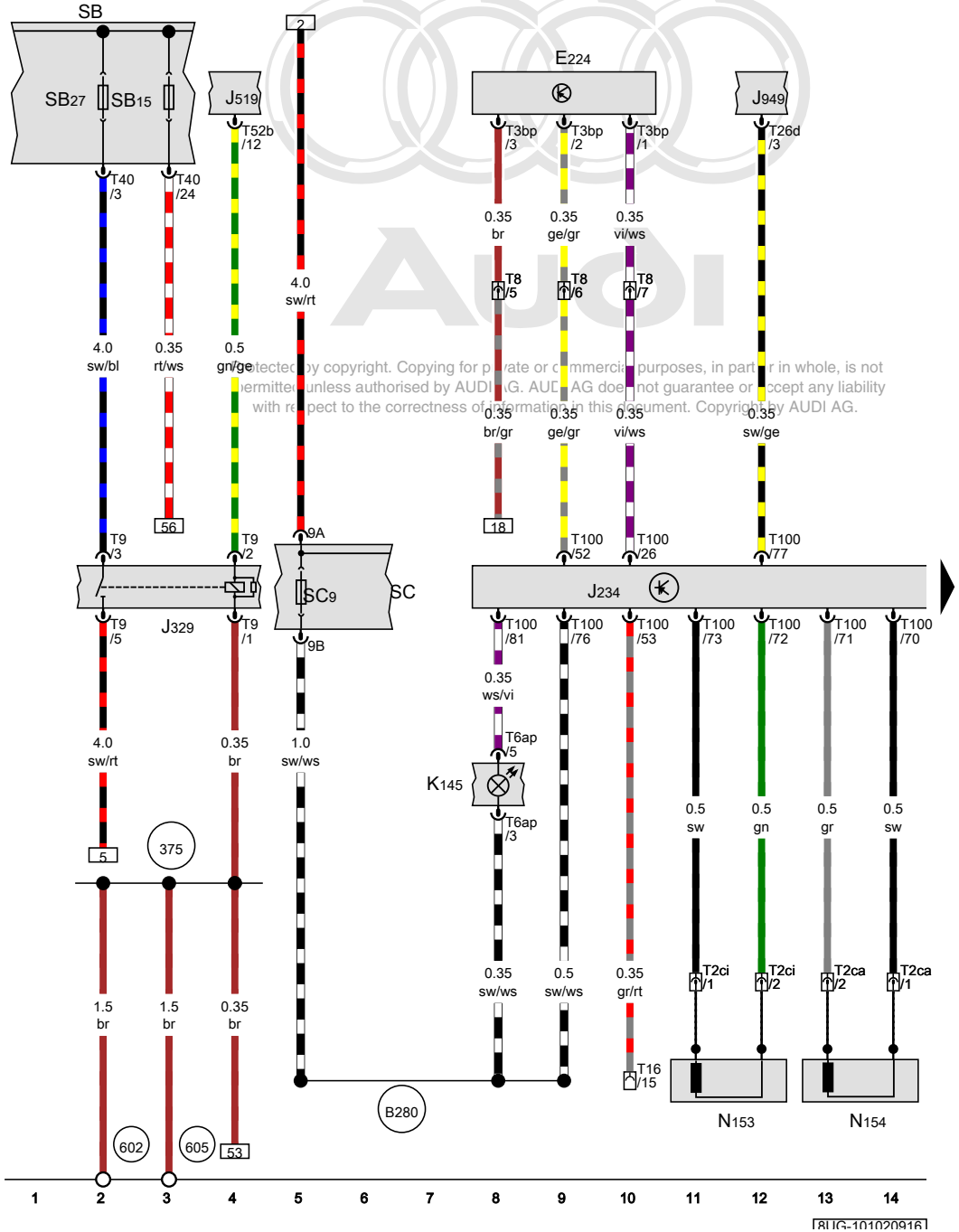
Emergency assistance call button, Data bus diagnostic interface, Emergency call module control unit and communication unit, GPS aerial 2

E276	Emergency assistance call button
J533	Data bus diagnostic interface
J949	Emergency call module control unit and communication unit
R263	Emergency call module aerial
R268	GPS aerial 2
T2lu	2-pin connector, purple
T2lv	2-pin connector, blue
T4cx	4-pin connector, purple
T6bb	6-pin connector, black
T20	20-pin connector, red
T26d	26-pin connector, black
377	Earth connection 12, in main wiring harness
378	Earth connection 13, in main wiring harness
602	Earth point, in front left footwell
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness

Airbag systems , (NZ3)

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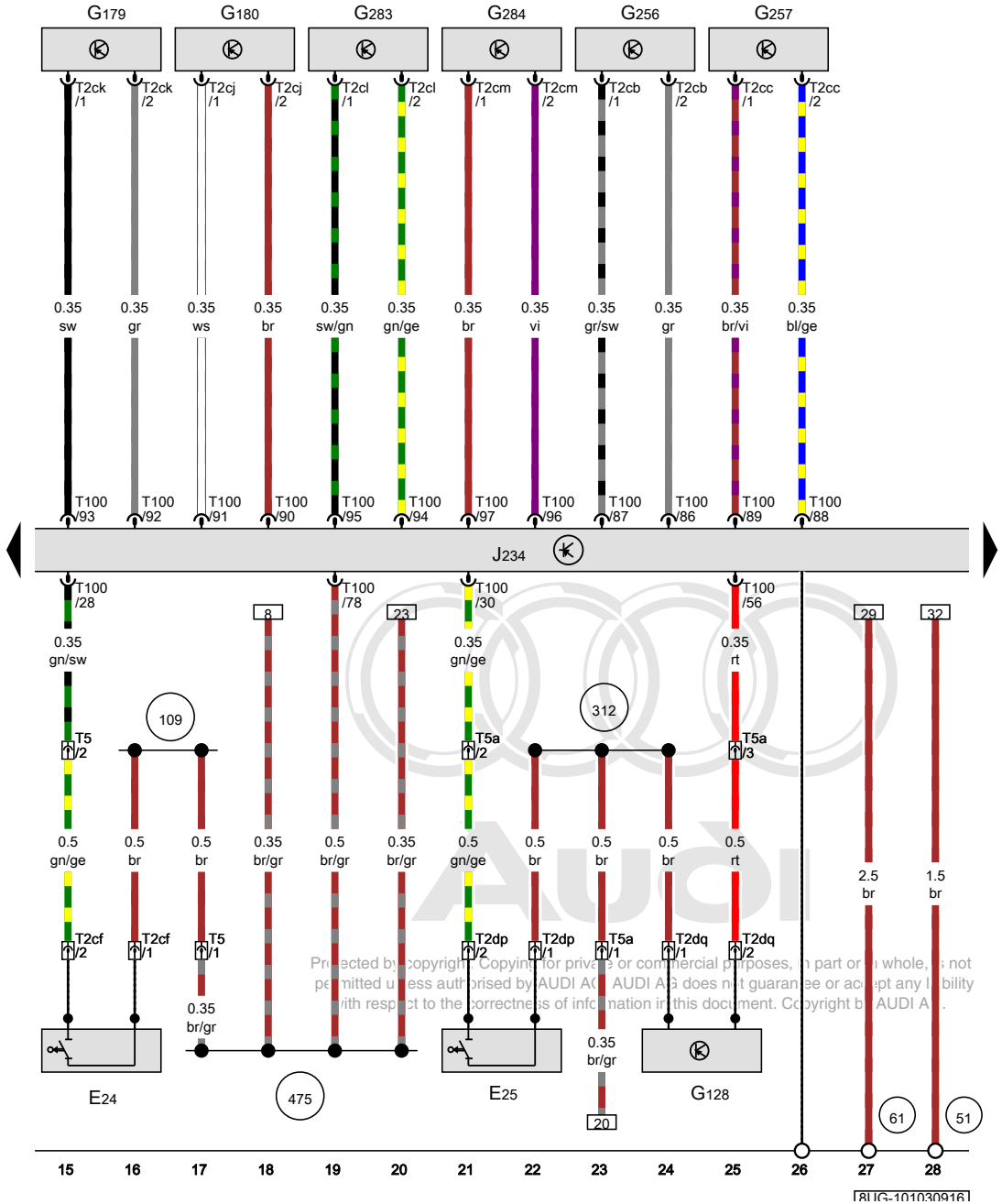


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Key operated switch to deactivate front passenger side airbag, Terminal 15 voltage supply relay, Onboard supply control unit, Emergency call module control unit and communication unit, Front passenger side airbag deactivated warning lamp, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

E224	Key operated switch to deactivate front passenger side airbag
J234	Airbag control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J949	Emergency call module control unit and communication unit
K145	Front passenger side airbag deactivated warning lamp
N153	Driver seat belt tensioner igniter 1
N154	Front passenger seat belt tensioner igniter 1
SB	Fuse holder B
SC9	Fuse 9 on fuse holder C
SB15	Fuse 15 on fuse holder B
SB27	Fuse 27 on fuse holder B
SC	Fuse holder C
T2ca	2-pin connector, yellow, green
T2ci	2-pin connector, yellow
T3bp	3-pin connector
T6ap	6-pin connector, white
T8	8-pin connector, black
T9	9-pin connector, black
T16	16-pin connector, black
T26d	26-pin connector, black
T40	40-pin connector, black
T52b	52-pin connector, colourless
T100	100-pin connector, yellow
375	Earth connection 10, in main wiring harness
602	Earth point, in front left footwell
605	Earth point, on top end of steering column
B280	Positive connection 4 (15a) in main wiring harness

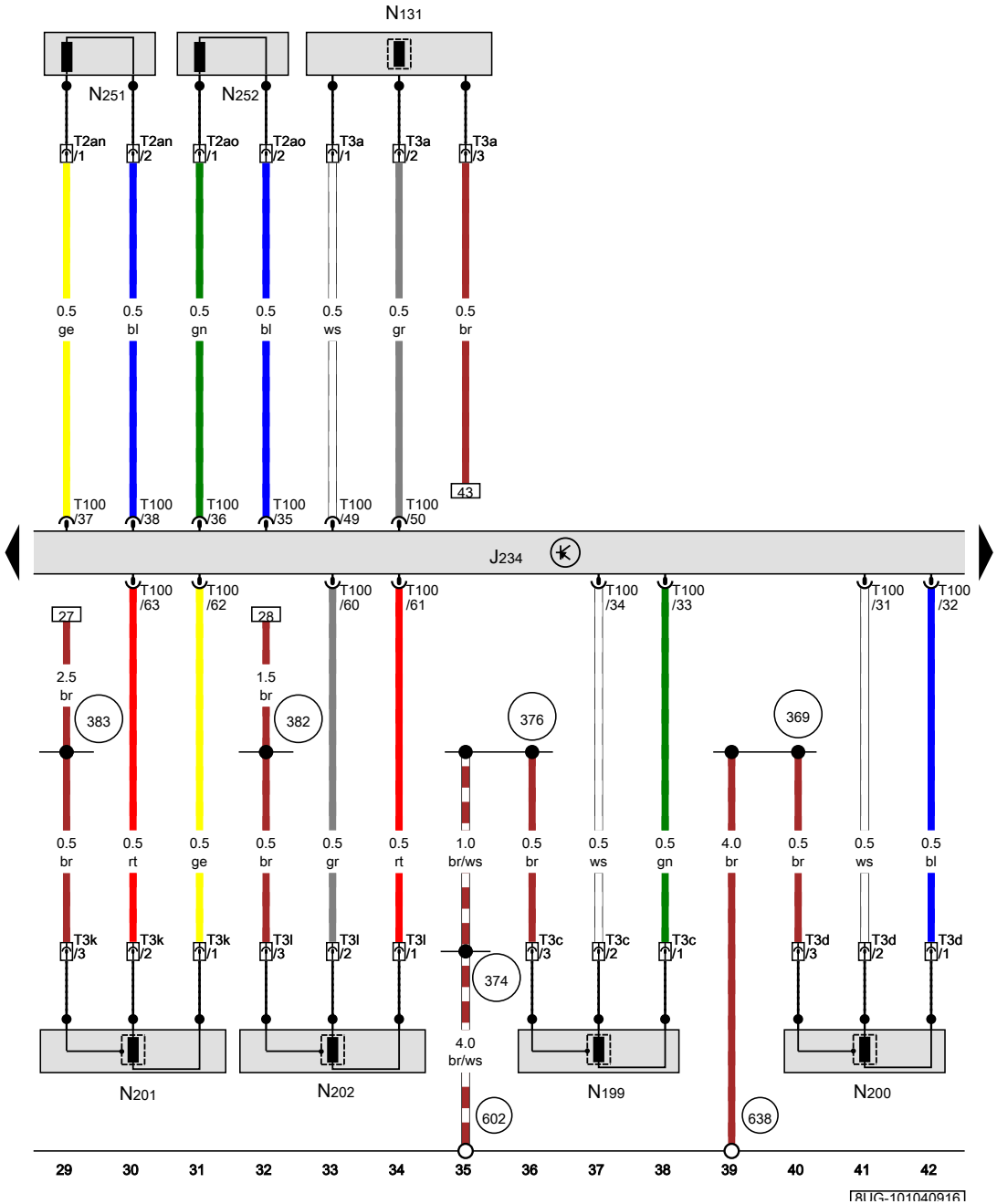


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Driver side belt switch, Front passenger side belt switch, Seat occupied sensor, front passenger side, Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side

E24	Driver side belt switch
E25	Front passenger side belt switch
G128	Seat occupied sensor, front passenger side
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, yellow, black
T2cc	2-pin connector, yellow, black
T2cf	2-pin connector, black, yellow
T2cj	2-pin connector, yellow
T2ck	2-pin connector, yellow
T2cl	2-pin connector, yellow
T2cm	2-pin connector, yellow
T2dp	2-pin connector, yellow
T2dq	2-pin connector, yellow
T5	5-pin connector, black
T5a	5-pin connector, black
T100	100-pin connector, yellow
51	Earth point, on right in luggage compartment
61	Earth point, left C-pillar
109	Earth connection, in airbag wiring harness
312	Earth connection 2, in airbag wiring harness
475	Earth connection (airbag), in main wiring harness

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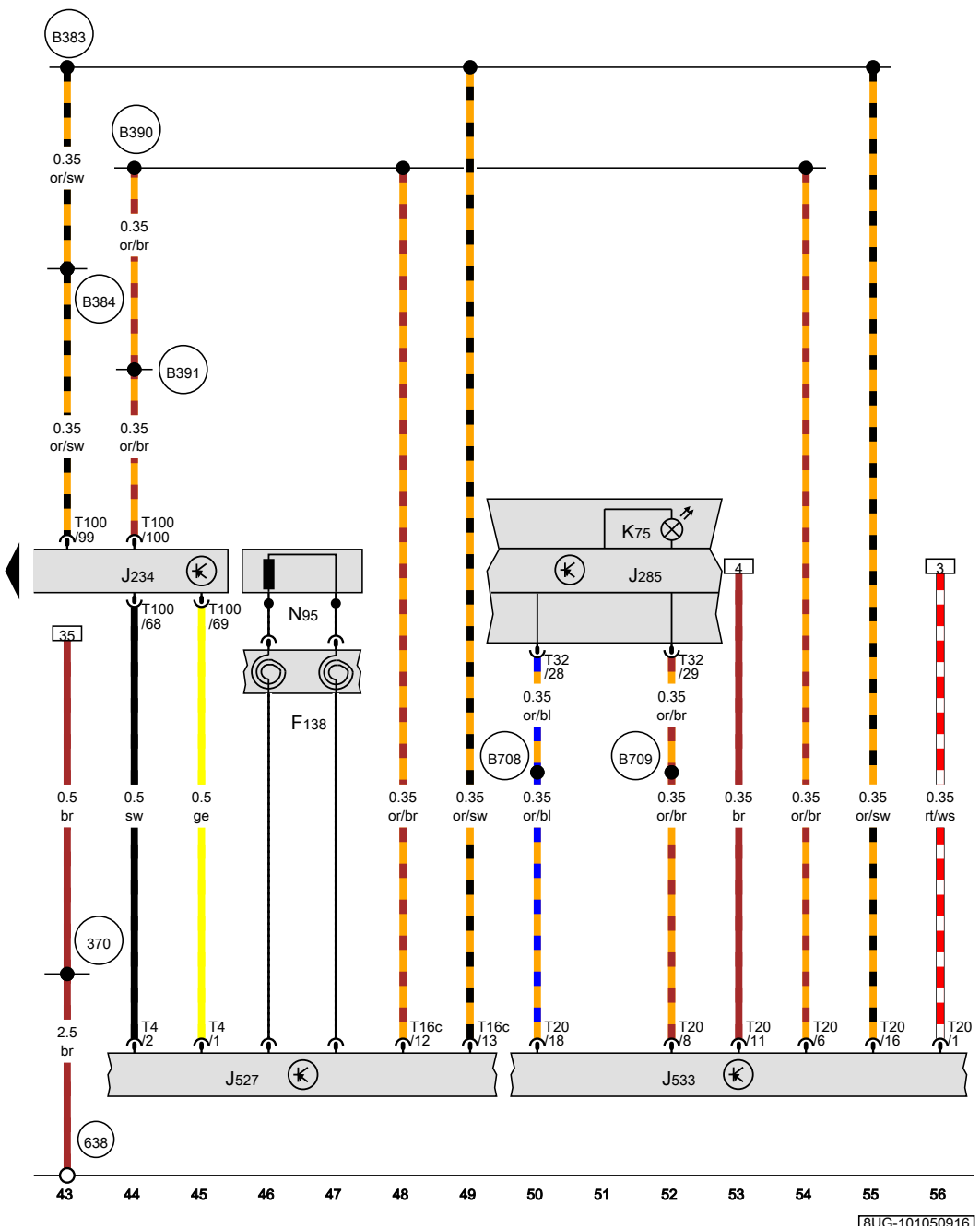


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sw = black
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br = brown
gn = green
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Front passenger side airbag igniter 1, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Rear side airbag igniter on front passenger side, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

J234	Airbag control unit
N131	Front passenger side airbag igniter 1
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
N251	Driver side curtain airbag igniter
N252	Front passenger side curtain airbag igniter
T2an	2-pin connector, yellow
T2ao	2-pin connector, yellow
T3a	3-pin connector, white
T3c	3-pin connector, yellow
T3d	3-pin connector, yellow
T3k	3-pin connector, yellow
T3l	3-pin connector, yellow
T100	100-pin connector, yellow
369	Earth connection 4, in main wiring harness
374	Earth connection 9, in main wiring harness
376	Earth connection 11, in main wiring harness
382	Earth connection 17, in main wiring harness
383	Earth connection 18, in main wiring harness
602	Earth point, in front left footwell
638	Earth point, on right A-pillar

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Control unit in dash panel insert, Steering column electronics control unit, Data bus diagnostic interface, Airbag warning lamp, Driver side airbag igniter

F138	Airbag coil connector and return ring with slip ring
J234	Airbag control unit
J285	Control unit in dash panel insert
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
K75	Airbag warning lamp
N95	Driver side airbag igniter
T4	4-pin connector, yellow
T16c	16-pin connector, black
T20	20-pin connector, red
T32	32-pin connector, blue
T100	100-pin connector, yellow
370	Earth connection 5, 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
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B391	Connection 2 (powertrain CAN bus, low), in main wiring harness
B708	Connection 1 (dash panel insert CAN bus high) in main wiring harness
B709	Connection 1 (dash panel insert CAN bus low) in main wiring harness

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1 Earth points

1.1 Overview of earth points

656 - Earth point, on right headlight
- ❑ Fitting location: ⇒ page 3

12 - Earth point, on left in engine compartment
- ❑ Fitting location: ⇒ page 4

638 - Earth point, right A-pillar
- ❑ Fitting location: ⇒ page 5

687 - Earth point 1, on centre tunnel
- ❑ Fitting location: ⇒ page 6

51 - Earth point, on right in luggage compartment
- ❑ Fitting location: ⇒ page 7

53 - Earth point, on right in rear lid
- ❑ Fitting location: ⇒ page 8

675 - Earth point 2, on right in luggage compartment
- ❑ Fitting location: ⇒ page 7

775 - Earth point 3, on right in luggage compartment
- ❑ Fitting location: ⇒ page 16

57 - Earth point, rear left pillar
- ❑ Fitting location: ⇒ page 9

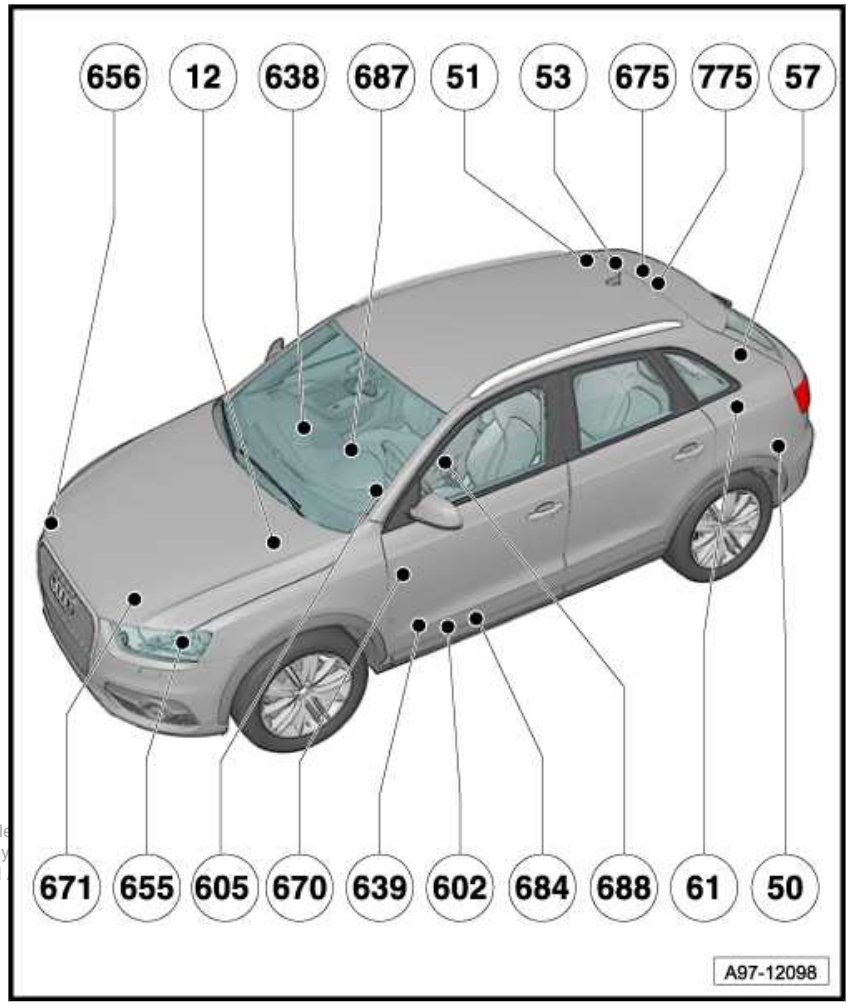
50 - Earth point, on left in luggage compartment
- ❑ Fitting location: ⇒ page 10

61 - Earth point, left C-pillar
- ❑ Fitting location: ⇒ page 11

688 - Earth point 2, on centre tunnel
- ❑ Fitting location: ⇒ page 6

684 - Earth point on front of left side member
- ❑ Fitting location: ⇒ page 12

602 - Earth point, in front left footwell
- ❑ Fitting location: ⇒ page 12



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639 - Earth point, left A-pillar

- ❑ Fitting location: ⇒ page 12

670 - Earth point 2, left A-pillar

- ❑ Fitting location: ⇒ page 12

605 - Earth point, on top end of steering column

- ❑ Fitting location: ⇒ page 13

655 - Earth point, on left headlight

- ❑ Fitting location: ⇒ page 14

671 - Earth point 1, on front of left longitudinal member

- ❑ Fitting location: ⇒ page 15

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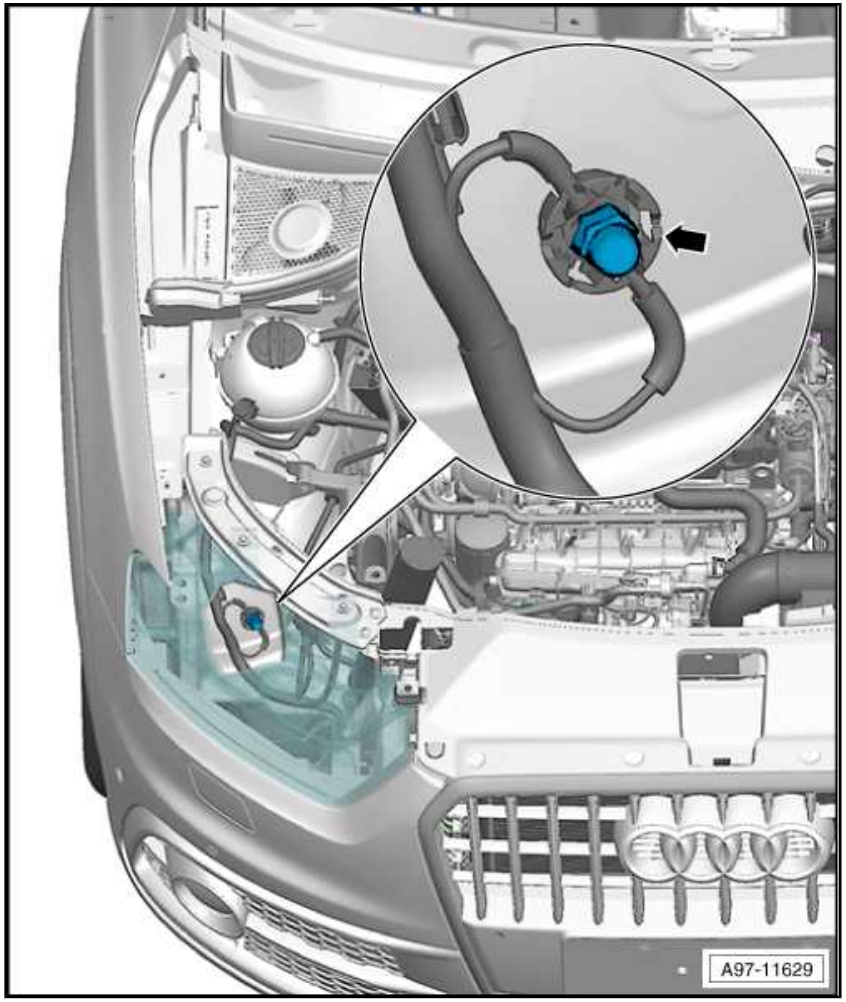
656 - Earth point on right headlight -arrow-

Fitting location:

on right headlight.

Tightening torque:

9 Nm

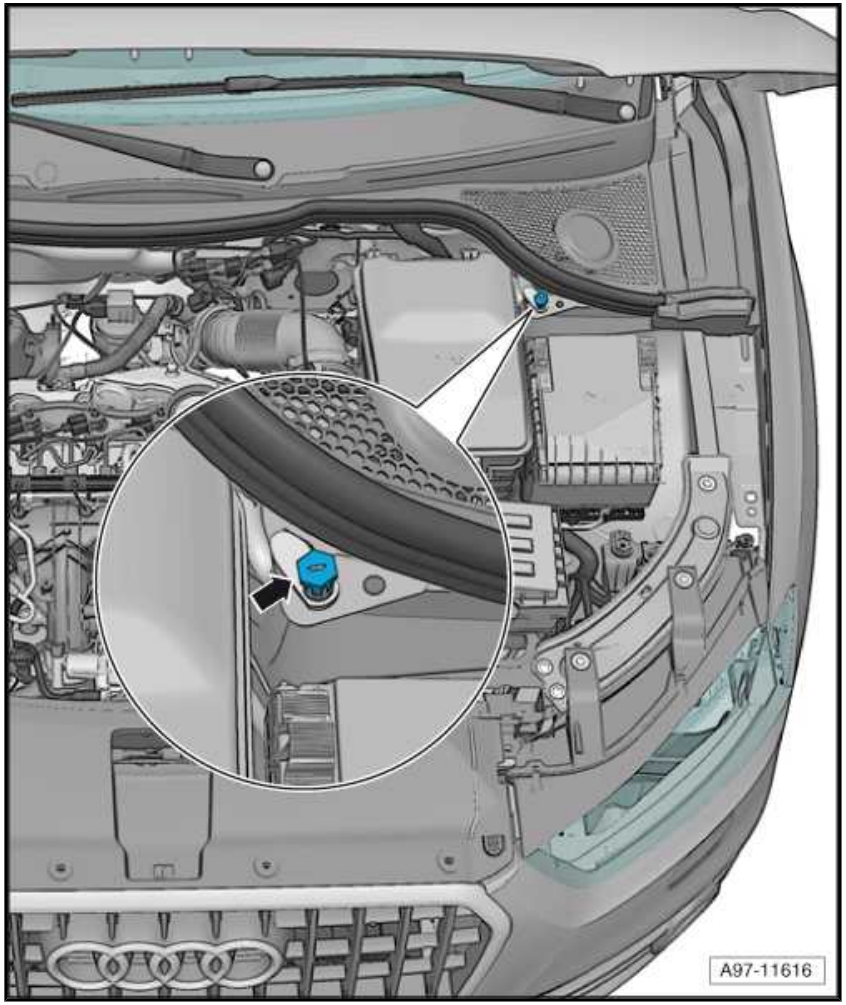


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12 - Earth point on left in engine compartment -arrow-

Fitting location:

on left in engine compartment



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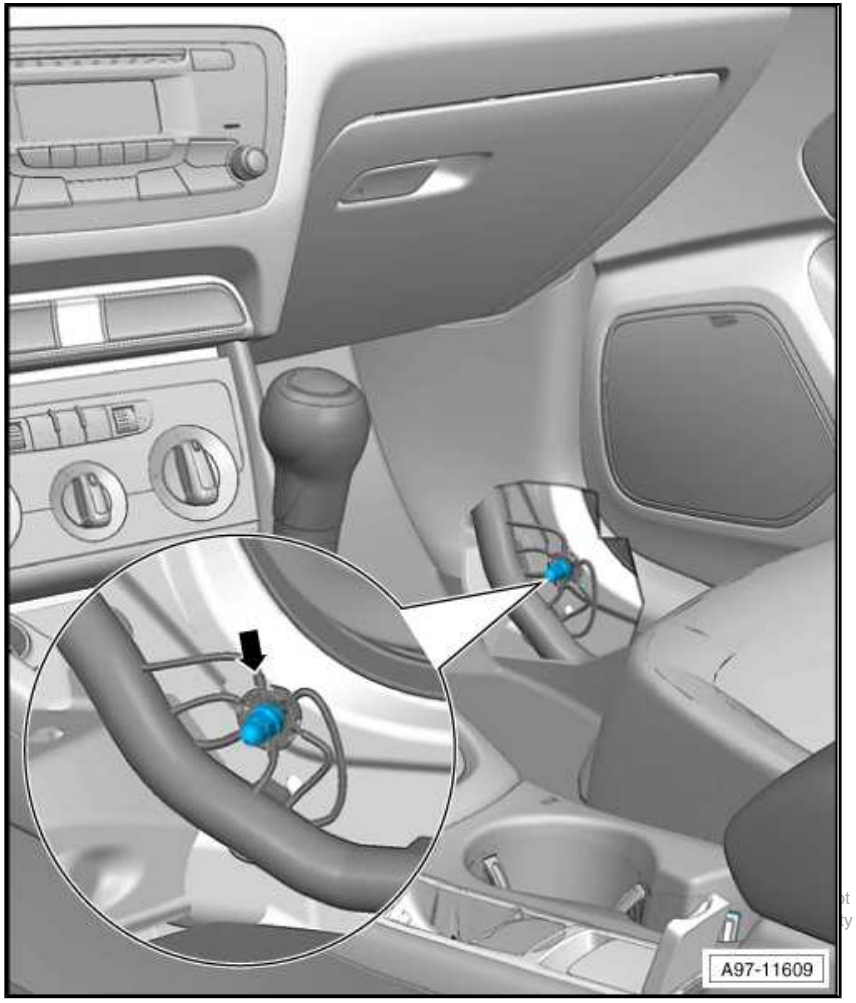
638 - Earth point, right A-pillar -arrow-

Fitting location:

behind right A-pillar trim

Tightening torque:

9 Nm



687 - Earth point 1 on centre tunnel -arrow A-

Fitting location:

On front right of centre tunnel

Tightening torque:

9 Nm

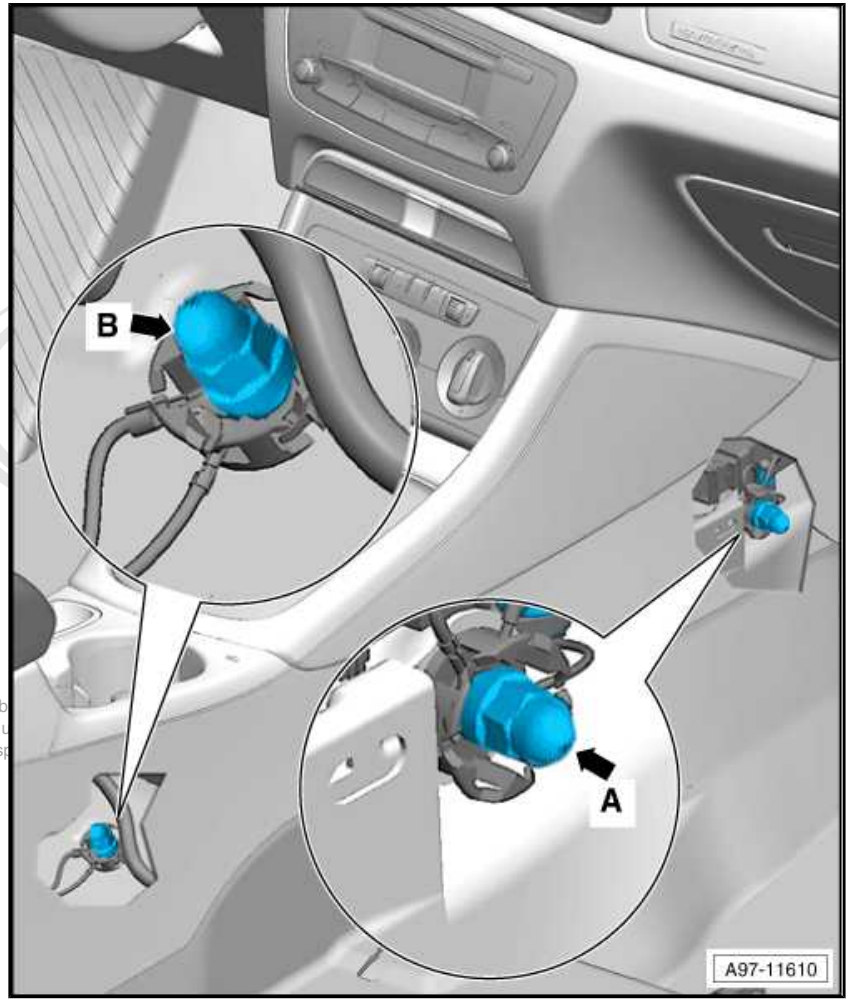
688 - Earth point 2 on centre tunnel -arrow B-

Fitting location:

On centre rear of centre tunnel

Tightening torque:

9 Nm



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51 - Earth point, on right in luggage compartment -arrow A-

Fitting location:

behind luggage compartment right trim.

Tightening torque:

9 Nm

675 - Earth point 2 on right in luggage compartment -arrow B-

Fitting location:

behind luggage compartment right trim.

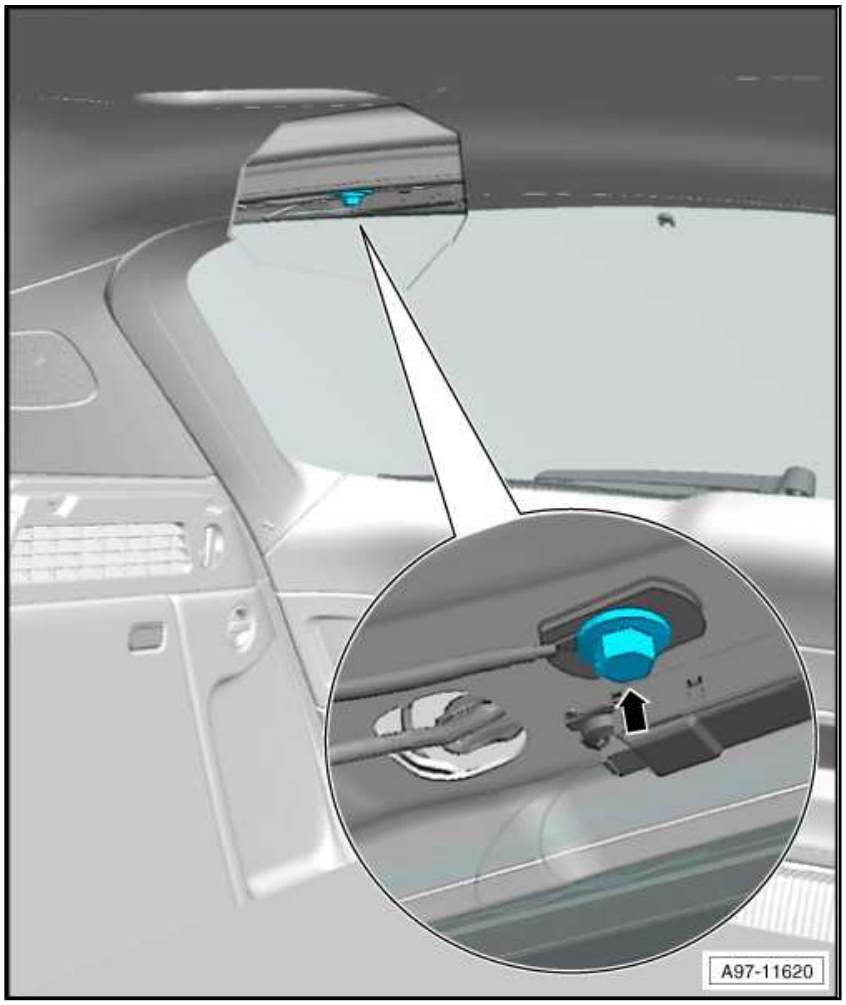


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53 - Earth point, on right in rear lid -Arrow-

Fitting location:

on right in rear lid, behind the trim.

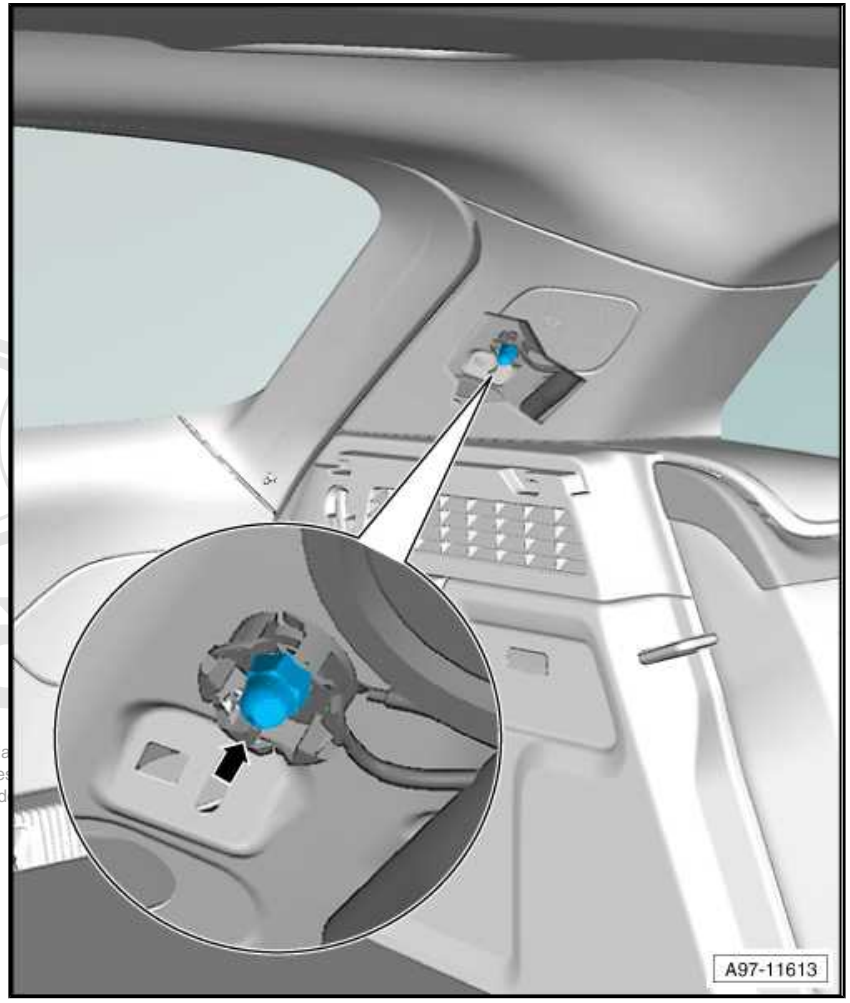


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57 - Earth point on rear left pillar -arrow-

Fitting location:

On left C-pillar, behind the trim



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50 - Earth point, on left in luggage compartment -Arrow-

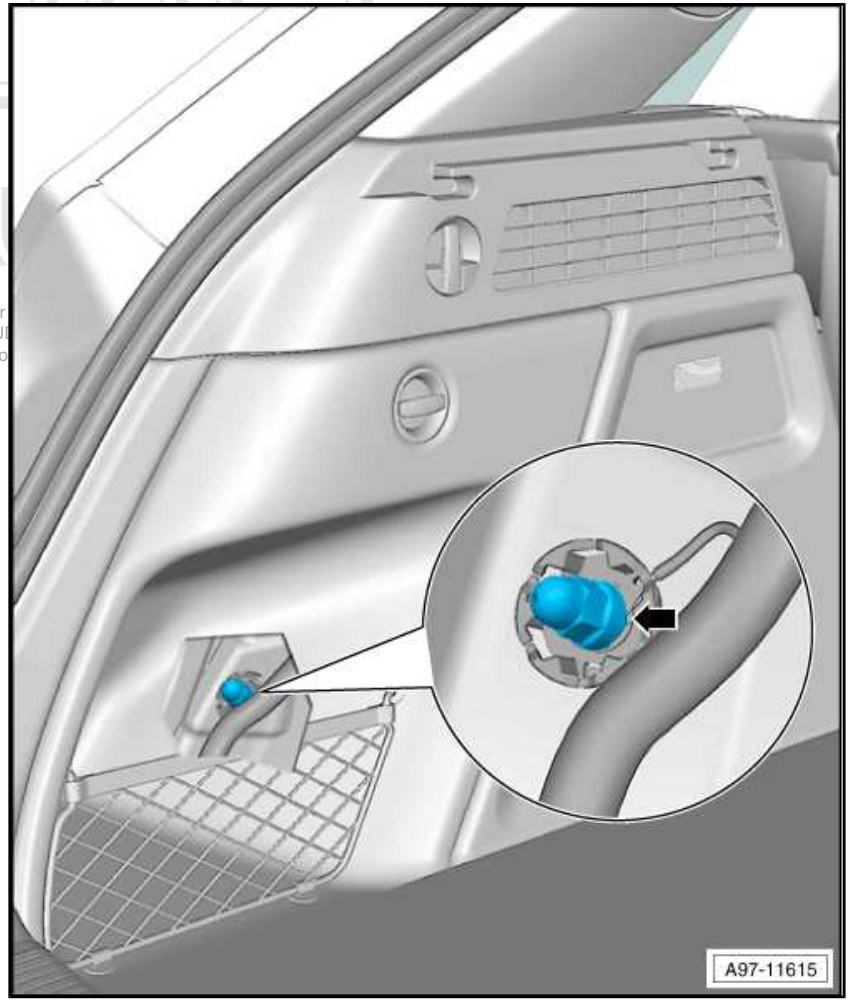
Fitting location:

behind luggage compartment left trim.

Tightening torque:

9 Nm

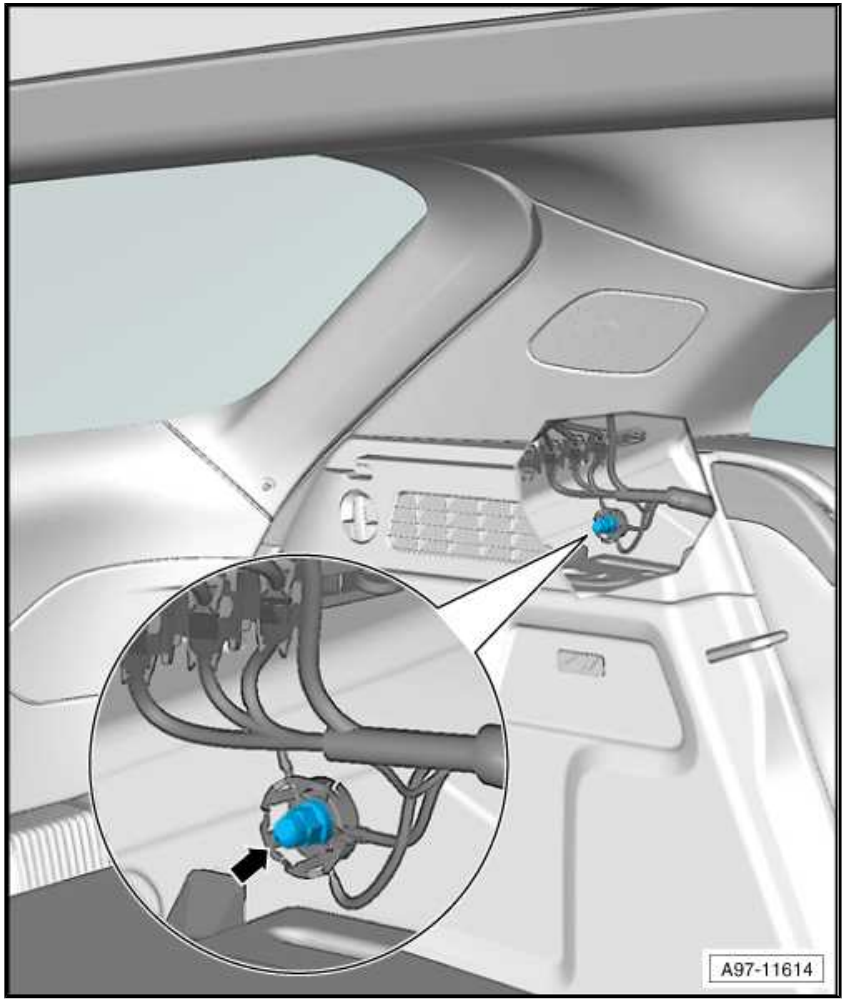
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61 - Earth point on left C-pillar -arrow-

Fitting location:

On left A-pillar, under trim.



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670 - Earth point 2 on left A-pillar -arrow A-

Fitting location:

On left A-pillar, behind the trim.

Tightening torque:

9 Nm

639 - Earth point on left A-pillar -arrow B-

Fitting location:

On left A-pillar, behind the trim.

Tightening torque:

9 Nm

602 - Earth point, in front left footwell -arrow C-

Fitting location:

In front left of footwell, behind trim.

Tightening torque:

9 Nm

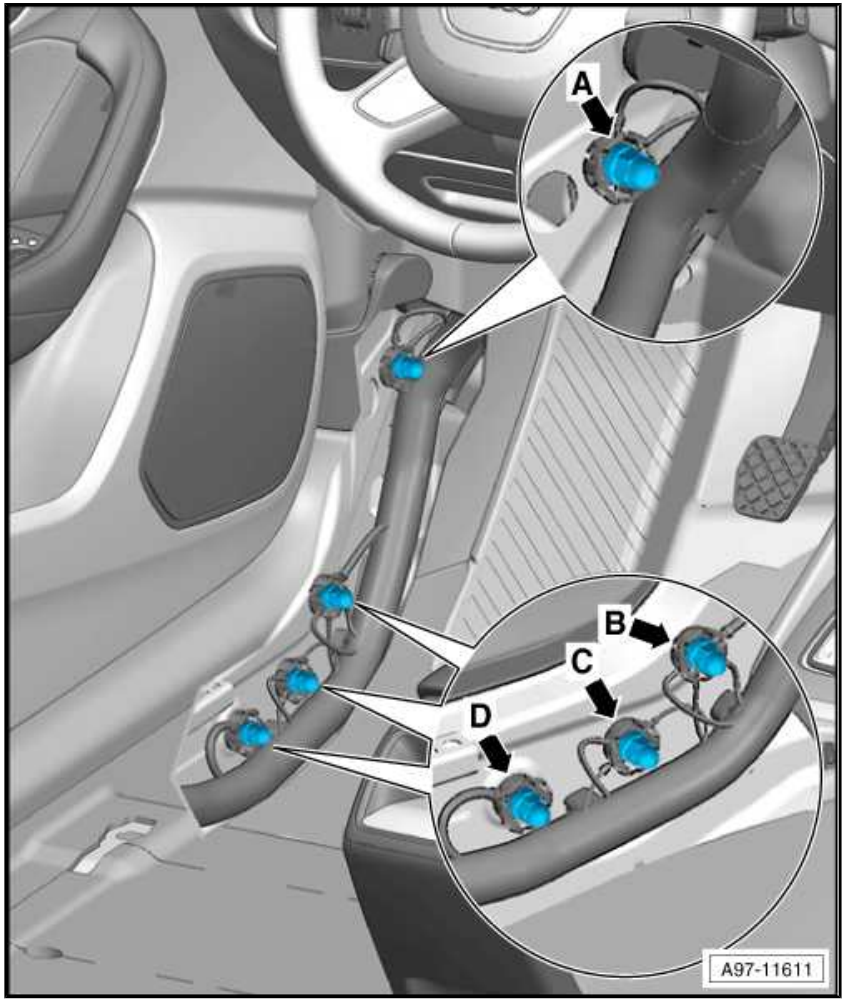
684 - Earth point on front of left side member -arrow D-

Fitting location:

On front left side member, behind trim.

Tightening torque:

9 Nm



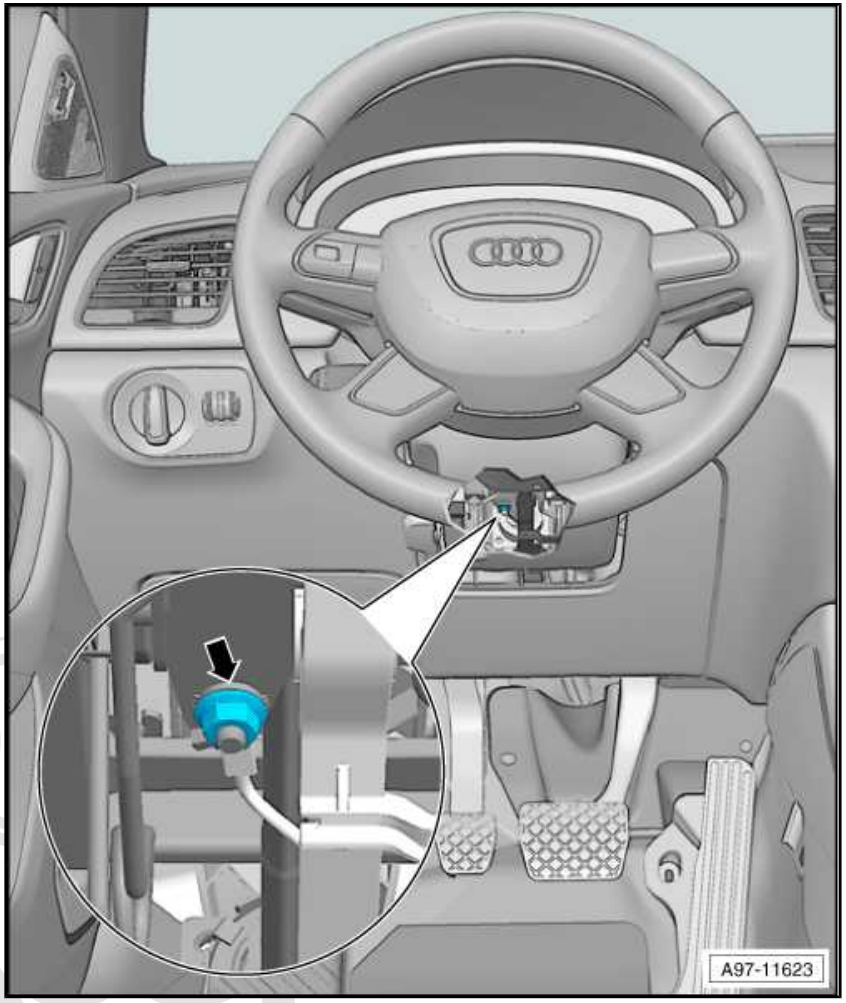
605 - Earth point, on top end of steering column -arrow-

Fitting location:

On steering column, behind the trim.

Tightening torque:

9 Nm



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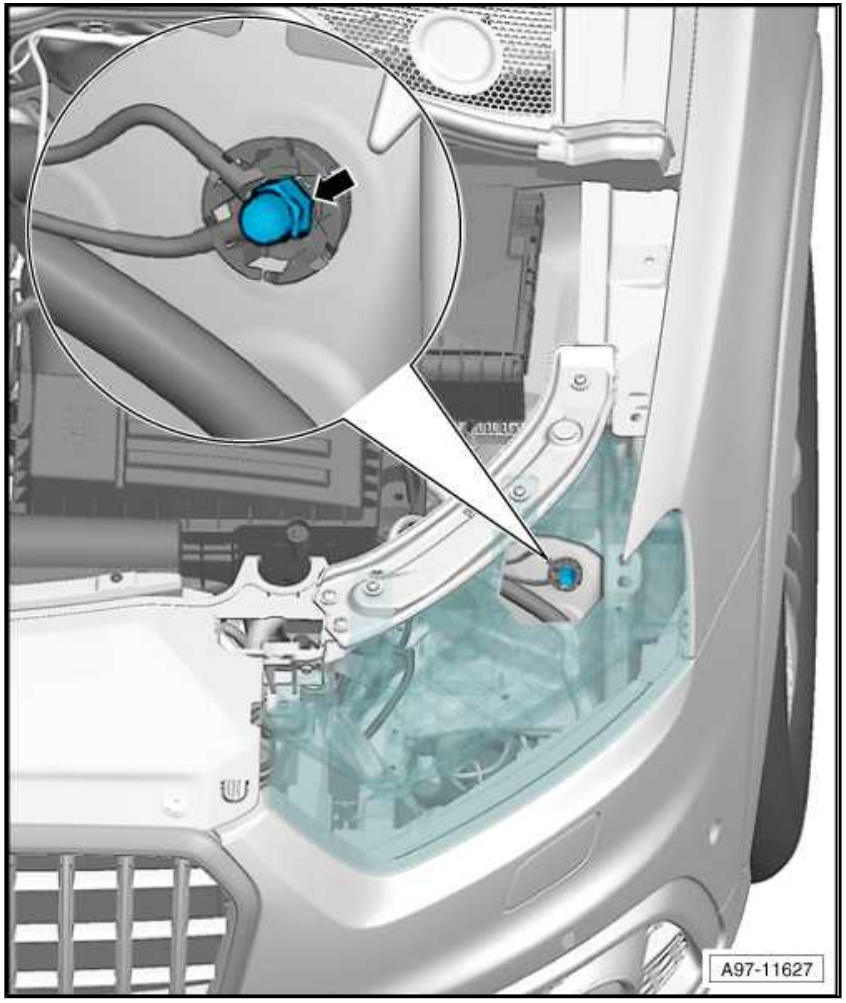
655 - Earth point on left headlight -arrow-

Fitting location:

on left headlight.

Tightening torque:

9 Nm



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671 - Earth point 1, on front left longitudinal member -Arrow-

Fitting location:

On front left longitudinal member, near headlight

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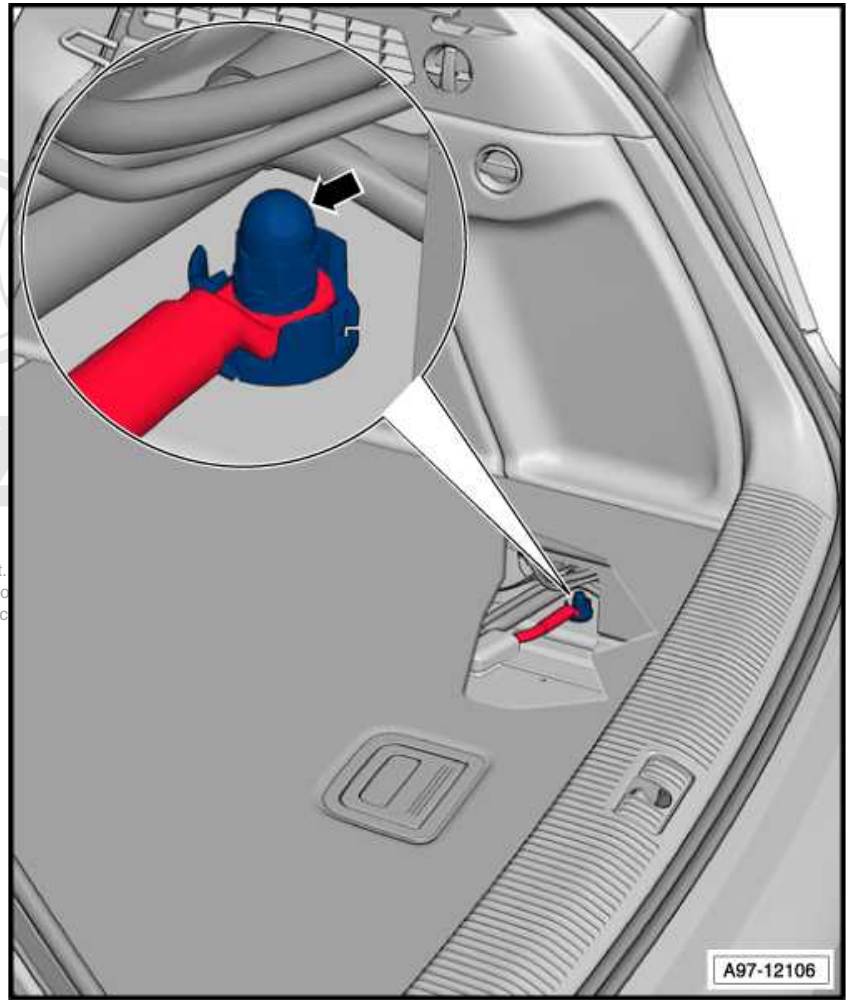


775 - Earth point 3 on right in luggage compartment -arrow-

Fitting location:

under the luggage compartment floor, on right in luggage compartment

- ❑ Only models with battery in luggage compartment



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1 Fuses

1.1 Overview of fuses

1 -
Fuses under dash panel

- Components: -S44- , -S46- , -S77-
- Fitting location for models with left-hand drive: ⇒ page 24
- Fitting location for models with right-hand drive: ⇒ page 26
- Position of fuses for models with left-hand drive: ⇒ page 24
- Position of fuses for models with right-hand drive: ⇒ page 26

2 - Fuse holder C -SC-

- Fitting location: ⇒ page 16
- Fuse assignment: ⇒ page 17

3 - Fuse holder B -SB-

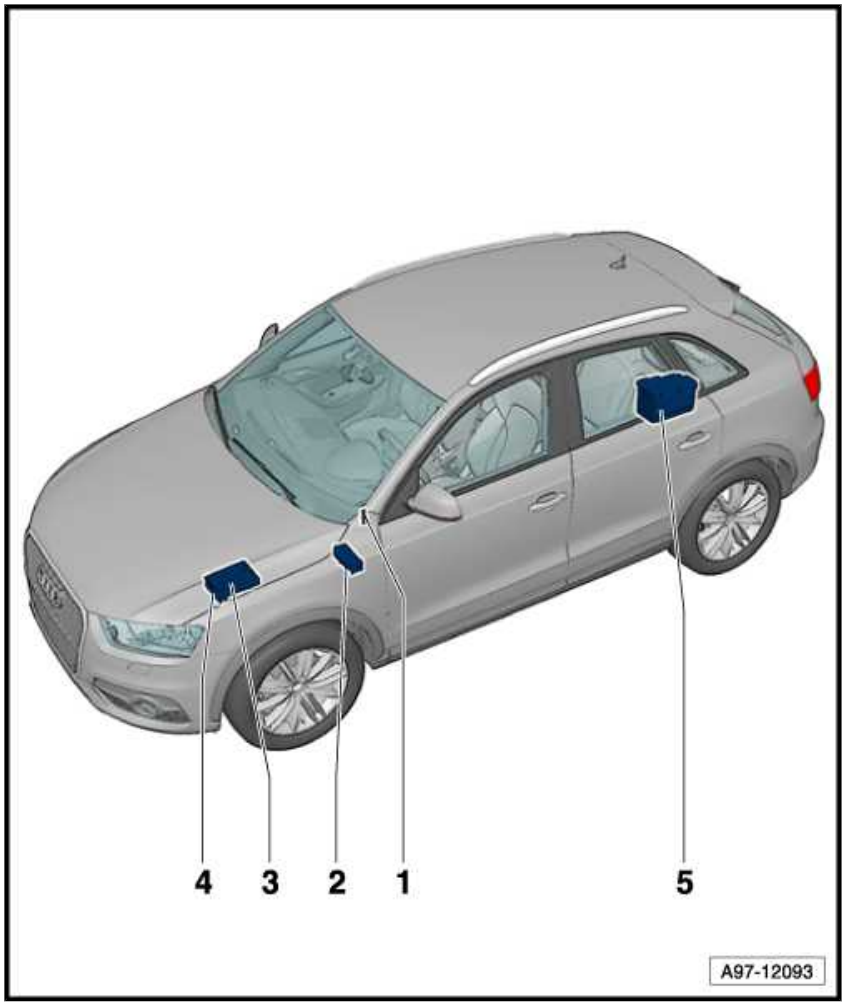
- Fitting location with battery in engine compartment, from August 2011: ⇒ page 7
- Fuse assignment, from August 2011: ⇒ page 8
- Fitting location with battery in engine compartment, from November 2012: ⇒ page 11
- Fuse assignment, from November 2012: ⇒ page 12

4 - Fuse holder A -SA-

- Fitting location with battery in engine compartment, from August 2011: ⇒ page 2
- Fuse assignment, from August 2011: ⇒ page 3
- Fitting location with battery in engine compartment, from November 2012: ⇒ page 3
- Fitting location with battery in luggage compartment, from May 2013: ⇒ page 5
- Fuse assignment with battery in engine compartment, from November 2012: ⇒ page 4
- Fuse assignment with battery in luggage compartment, from May 2013: ⇒ page 6

5 - Fuse holder D -SD-

- Fitting location with battery in luggage compartment, from May 2013: ⇒ page 22
- Fuse assignment with battery in luggage compartment, from May 2013: ⇒ page 23



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1.2 Fuse holder A -SA- , with battery in engine compartment, from August 2011, up to October 2012

Fitting location:

on electronics box, on left in engine compartment

SA - Fuse holder A

SA1 - Fuse 1 on fuse holder A , ⇒ page 3

SA2 - Fuse 2 on fuse holder A , ⇒ page 3

SA3 - Fuse 3 on fuse holder A , ⇒ page 3

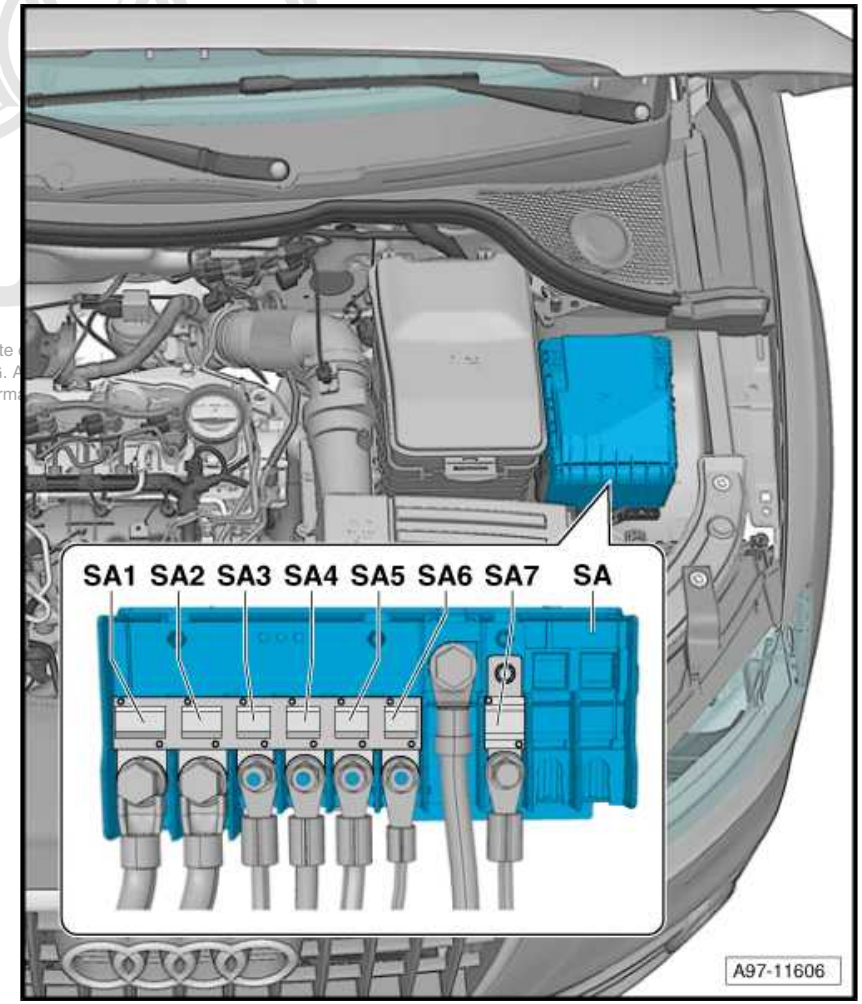
SA4 - Fuse 4 on fuse holder A , ⇒ page 3

SA5 - Fuse 5 on fuse holder A , ⇒ page 3

SA6 - Fuse 6 on fuse holder A , ⇒ page 3

SA7 - Fuse 7 on fuse holder A , ⇒ page 3

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1.3 Fuses in fuse holder A -SA- , from August 2011, up to October 2012

Current Flow Diagram designation	Nominal value		Function/component	Terminal
Fuse 1 on fuse holder A -SA1-	200 A	-	Alternator -C-	30
Fuse 2 on fuse holder A -SA2-	80 A	-	Power steering control unit -J500-	30
Fuse 3 on fuse holder A -SA3-	50 A	-	Supply for fuses: -SC40- , -SC41- , -SC42-	30
Fuse 4 on fuse holder A -SA4-	80 A	-	High heat output relay -J360-	30
Fuse 5 on fuse holder A -SA5-	80 A	-	Socket relay -J807- Supply for fuses: -SC7- , -SC8- , -SC20- to -SC24- , -SC43- to -SC53- , -SC54- , -SC55- , -SC56- , -SC57- , -SC58-	30
Fuse 5 on fuse holder A -SA5-	80 A	-	Supply for fuses: -SC28- to -SC33- for models without start/stop system only	30
Fuse 6 on fuse holder A -SA6-	40 A	-	Low heat output relay -J359-	30
Fuse 7 on fuse holder A -SA7-	60 A	-	Radiator fan control unit -J293-	30

1.4 Fuse holder A -SA- , with battery in engine compartment, from November 2012

Fitting location:

on electronics box, on left in engine compartment

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SA - Fuse holder A

SA1 - Fuse 1 on fuse holder A , ⇒ page 4

SA2 - Fuse 2 on fuse holder A , ⇒ page 4

SA3 - Fuse 3 on fuse holder A , ⇒ page 4

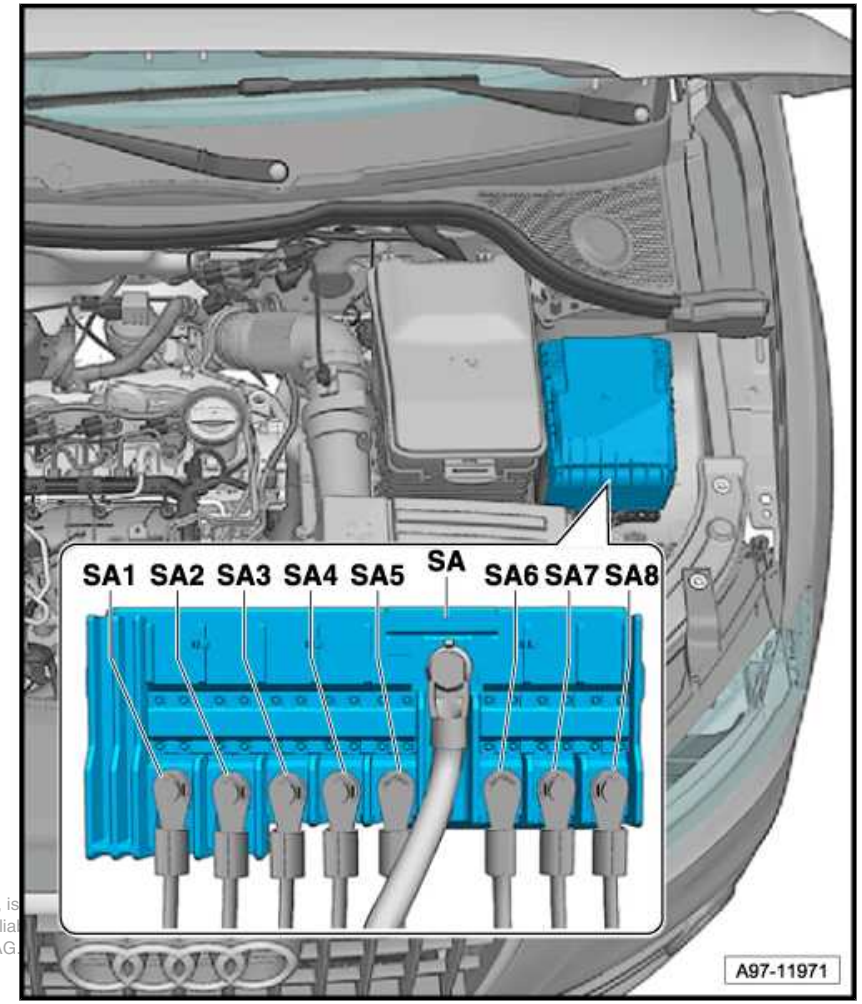
SA4 - Fuse 4 on fuse holder A , ⇒ page 4

SA5 - Fuse 5 on fuse holder A , ⇒ page 4

SA6 - Fuse 6 on fuse holder A , ⇒ page 4

SA7 - Fuse 7 on fuse holder A , ⇒ page 4

SA8 - Fuse 8 on fuse holder A , ⇒ page 4



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1.5 Fuses in fuse holder A -SA- , with battery in engine compartment, from November 2012

Current Flow Diagram designation	Nominal value		Function/component	Terminal
Fuse 1 on fuse holder A -SA1-	200 A	-	Alternator -C-	30
Fuse 2 on fuse holder A -SA2-	80 A	-	Power steering control unit -J500-	30
Fuse 3 on fuse holder A -SA3-	50 A	-	Supply for fuses: -SC40- , -SC41- , -SC42-	30

Fuse 4 on fuse holder A -SA4-	60 A	-	Radiator fan control unit -J293-	30
Fuse 5 on fuse holder A -SA5-	80 A	-	Supply for fuses: -SC28- to -SC33- for models without start/stop system only	30
Fuse 5 on fuse holder A -SA5-	80 A	-	Socket relay -J807- Supply for fuses: -SC7- , -SC8- , -SC20- to -SC24- , -SC43- to -SC53- , -SC54- , -SC55- , -SC56- , -SC57- , -SC58-	30
Fuse 6 on fuse holder A -SA6-	70 A	-	High heat output relay -J360-	30
Fuse 7 on fuse holder A -SA7-	60 A	-	Terminal 30 fuse, trailer towing attachment -S77-	30
Fuse 8 on fuse holder A -SA8-	40 A	-	Low heat output relay -J359-	30

1.6 Fuse holder A -SA- , with battery in luggage compartment, from May 2013

Fitting location:

on electronics box, on left in engine compartment

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SA - Fuse holder A

SA1 - Fuse 1 on fuse holder A , ⇒ page 6

SA2 - Fuse 2 on fuse holder A , ⇒ page 6

SA3 - Fuse 3 on fuse holder A , ⇒ page 6

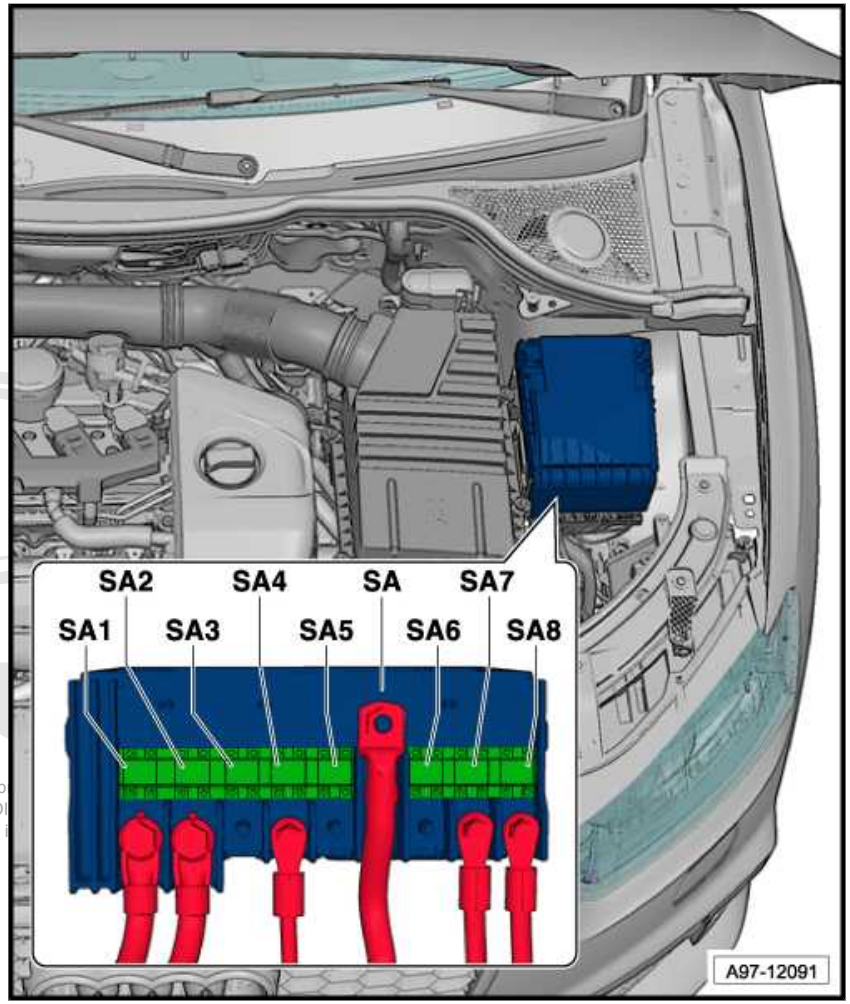
SA4 - Fuse 4 on fuse holder A , ⇒ page 6

SA5 - Fuse 5 on fuse holder A , ⇒ page 6

SA6 - Fuse 6 on fuse holder A , ⇒ page 6

SA7 - Fuse 7 on fuse holder A , ⇒ page 6

SA8 - Fuse 8 on fuse holder A , ⇒ page 6



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1.7 Fuses in fuse holder A -SA- , with battery in luggage compartment, from May 2013

Current Flow Diagram designation	Nominal value		Function/component	Terminal
Fuse 1 on fuse holder A -SA1-	200 A	-	Alternator -C-	30
Fuse 2 on fuse holder A -SA2-	80 A	-	Power steering control unit -J500-	30
Fuse 3 on fuse holder A -SA3-	50 A	-	not assigned	30
Fuse 4 on fuse holder A -SA4-	60 A	-	Radiator fan control unit -J293-	30

Fuse 5 on fuse holder A -SA5-	80 A	-	not assigned	30
Fuse 6 on fuse holder A -SA6-	70 A	-	not assigned	30
Fuse 7 on fuse holder A -SA7-	60 A	-	Terminal 30 fuse, trailer towing attachment -S77-	30
Fuse 8 on fuse holder A -SA8-	40 A	-	Suppression filter -C24-	30

1.8 Fuse holder B -SB- , from August 2011, up to October 2012

Fitting location:

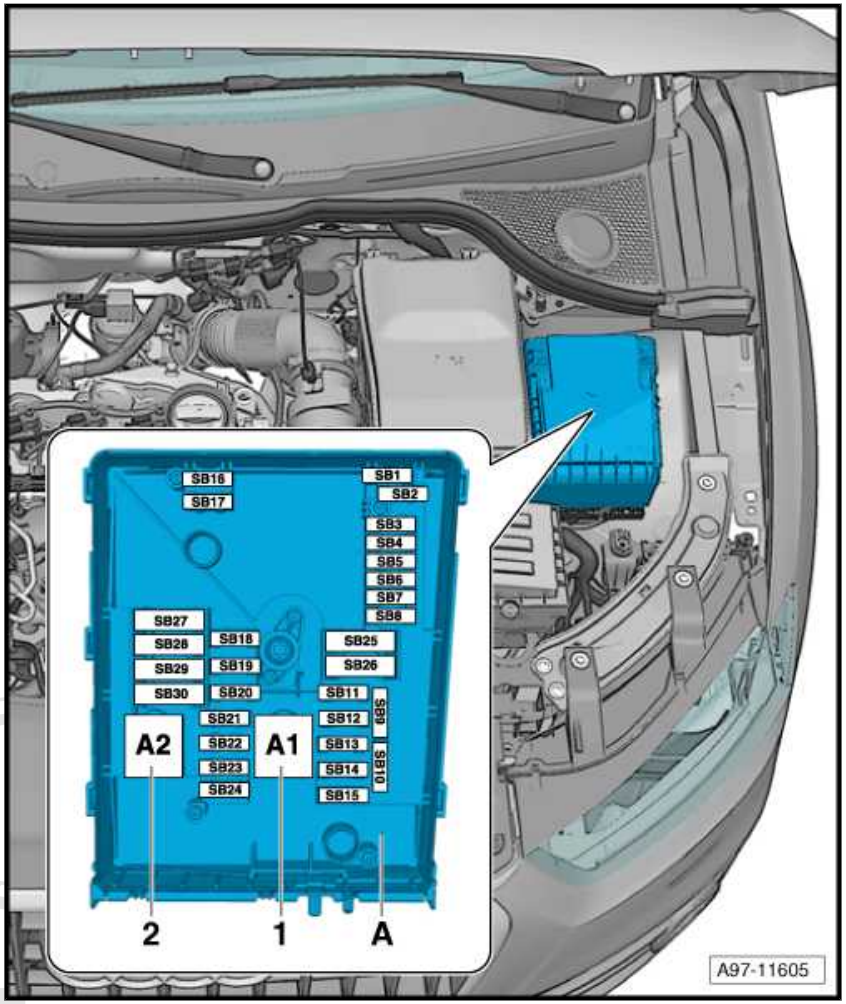
on the electronics box, on left in engine compartment

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A - Fuse holder B -SB- , ⇒ page 8

Fuse colours:

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple



1.9 Fuses in fuse holder B -SB- , from August 2011, up to October 2012

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No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	40 A	-	Voltage stabiliser -J532- Supply for fuses: -SC28- to -SC33- for models with start/stop system only	30

F2	-	Fuse 2 on fuse holder B -SB2-	10 A	-	Electric lumbar support adjustment Driver seat lumbar support adjustment switch -E176- Driver seat lumbar support longitudinal adjustment motor -V125- Driver seat lumbar support height adjustment motor -V129- Front passenger seat lumbar support adjustment switch -E177- Front passenger seat lumbar support longitudinal adjustment motor -V126- Front passenger seat lumbar support height adjustment motor -V130-	30
F3	-	Fuse 3 on fuse holder B -SB3-	5 A	-	Onboard supply control unit -J519- Battery monitoring control unit -J367-	30
F4	-	Fuse 4 on fuse holder B -SB4-	30 A	-	ABS control unit -J104- (MK60 valves)	30
F5	-	Fuse 5 on fuse holder B -SB5-	15 A	-	Mechatronic unit for dual clutch gearbox -J743- Selector lever sensors control unit -J587-	30
F6	-	Fuse 6 on fuse holder B -SB6-	5 A	-	Steering column electronics control unit -J527-	30
F7	-	Fuse 7 on fuse holder B -SB7-	30 A	-	Onboard supply control unit -J519- (left turn signal, left dipped beam headlight, left main beam headlight, left front fog light, right turning light, front right parking light, right daytime running light, left rear parking light, right brake light, left reversing light, right fog tail light)	30
F8	-	Fuse 8 on fuse holder B -SB8-	20 A	-	Windscreen and rear window washer pump -V59- Rear window wiper motor -V12- Central locking for rear left and right doors, fuel filler flap, rear window lock	30
F9	-	Fuse 9 on fuse holder B -SB9-	5 A	-	Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	30
F10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Terminal 30 voltage supply relay -J317- Engine control unit -J623- for models with diesel engine only	30
F10	-	Fuse 10 on fuse holder B -SB10-	10 A	-	Main relay -J271- Engine control unit -J623- for models with petrol engine only	30
F11	-	Fuse 11 on fuse holder B -SB11-	-	-	not assigned	-
F12	-	Fuse 12 on fuse holder B -SB12-	5 A	-	Data bus diagnostic interface -J533-	30
F13	-	Fuse 13 on fuse holder B -SB13-	30 A	-	Engine control unit -J623- for models with diesel engine only	87
			25 A		Engine control unit -J623- for models with petrol engine only	
F14	-	Fuse 14 on fuse holder B -SB14-	20 A	-	Fuel pressure control valve -N276- Fuel metering valve -N290- for models with diesel engine only	87
F14	-	Fuse 14 on fuse holder B -SB14-	20 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- for models with petrol engine only	87

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F15	-	Fuse 15 on fuse holder B -SB15-	5 A	-	Automatic glow period control unit -J179- for models with diesel engine only	87
F15	-	Fuse 15 on fuse holder B -SB15-	10 A	-	Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- for models with petrol engine only	87
F16	-	Fuse 16 on fuse holder B -SB16-	30 A	-	Onboard supply control unit -J519- (right turn signal, right dipped beam headlight, right main beam headlight, right front fog light, left turning light, front left parking light, left daytime running light, rear right parking light, left brake light, right reversing light, licence plate light, left fog tail light)	30
F17	-	Fuse 17 on fuse holder B -SB17-	15 A	-	Horn relay -J413- Treble horn -H2- Bass horn -H7-	30
F18	-	Fuse 18 on fuse holder B -SB18-	30 A	-	Control unit 1 for information electronics -J794- Radio -R- Voltage stabiliser -J532- Digital sound package control unit -J525-	30
F19	-	Fuse 19 on fuse holder B -SB19-	30 A	-	Wiper motor control unit -J400-	30
F20	-	Fuse 20 on fuse holder B -SB20-	20 A	-	Fuel pressure control valve -N276- for models with petrol engine only	87
F21	-	Fuse 21 on fuse holder B -SB21-	10 A	-	Lambda probe heater -Z19- for models with diesel engine only	87
F21	-	Fuse 21 on fuse holder B -SB21-	25 A	-	Fuel pump control valve -J538- for models with petrol engine only	87
F22	-	Fuse 22 on fuse holder B -SB22-	5 A	-	Clutch position sender -G476-	87
F23	-	Fuse 23 on fuse holder B -SB23-	10 A	-	Charge pressure control solenoid valve -N75- Exhaust gas recirculation cooler changeover valve -N345- Air mass meter -G70- for models with diesel engine only	87
F24	-	Fuse 24 on fuse holder B -SB24-	10 A	-	Fuel pump relay -J17- Radiator fan control unit -J293- Low heat output relay -J359- High heat output relay -J360- Exhaust gas recirculation cooler pump -V400- for models with diesel engine only	87
F24	-	Fuse 24 on fuse holder B -SB24-	10 A	-	Additional coolant pump relay -J496- Radiator fan control unit -J293- Engine component current supply relay -J757- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Oil pressure regulation valve -N428- for models with petrol engine only	87

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F25		Fuse 25 on fuse holder B -SB25-	40 A		ABS control unit -J104- (MK60 ESP pump)	30
F26	-	Fuse 26 on fuse holder B -SB26-	30 A	-	Fuse 34 on fuse holder C -SC34- Fuse 35 on fuse holder C -SC35-	30
F27	-	Fuse 27 on fuse holder B -SB27-	50 A	-	Automatic glow period control unit -J179- Glow plug 1 -Q10- Glow plug 2 -Q11- Glow plug 3 -Q12- Glow plug 4 -Q13- for models with diesel engine only	87
F28	-	Fuse 28 on fuse holder B -SB28-	50 A	-	Terminal 30 fuse, trailer towing attachment -S77- for Australia only	30
F29	-	Fuse 29 on fuse holder B -SB29-	30 A	-	Driver seat adjustment thermal fuse 1 -S44- Front passenger seat adjustment thermal fuse 1 -S46-	30
F30	-	Fuse 30 on fuse holder B -SB30-	50 A	-	Terminal 15 voltage supply relay -J329- Supply for fuses: -SC9- to -SC16- , -SC25- , -SC26- , -SC27-	30

1.10 Fuse holder B -SB- , with battery in engine compartment, from November 2012

Fitting location:

on the electronics box, on left in engine compartment

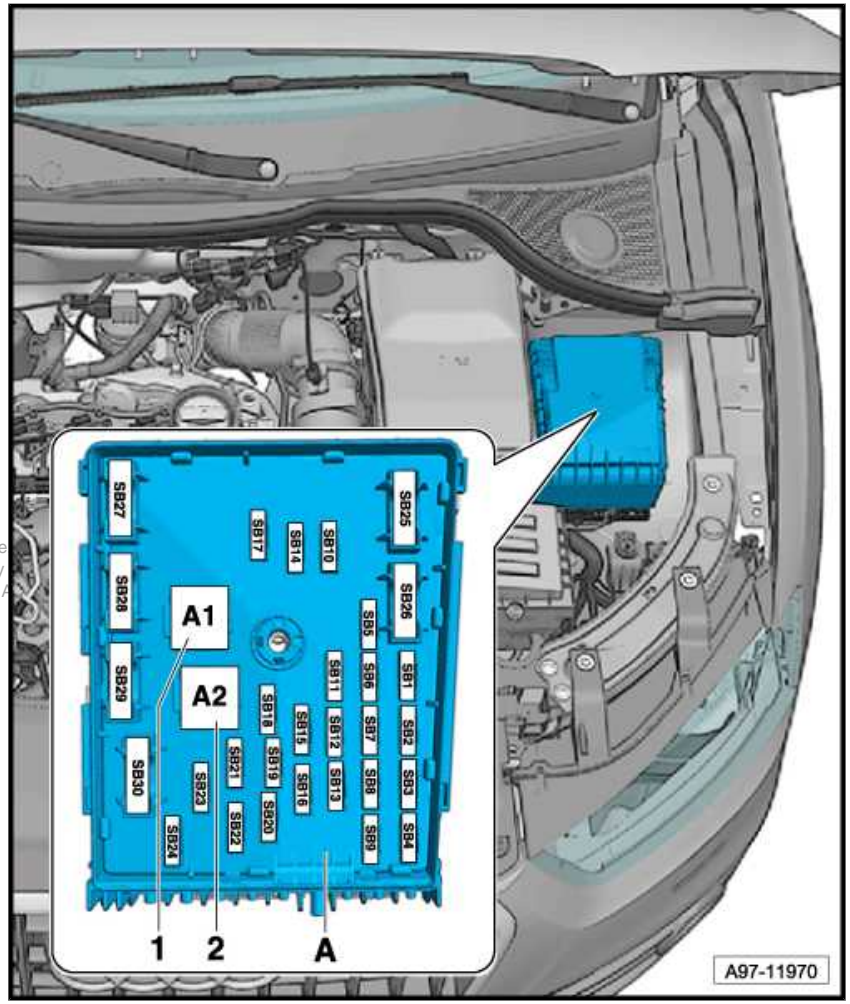
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A - Fuse holder B -SB- , ⇒ page 12

Fuse colours:

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple

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1.11 Fuses in fuse holder B -SB- , from November 2012

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
F1	-	Fuse 1 on fuse holder B -SB1-	15 A	-	Mechatronic unit for dual clutch gearbox -J743- Selector lever -E313-	30
F2	-	Fuse 2 on fuse holder B -SB2-	30 A	-	ABS control unit -J104- (MK60 valves) up to October 2014	30

F2	-	Fuse 2 on fuse holder B -SB2-	40 A	-	ABS control unit -J104- (MK60 valves) from November 2014	30
F3	-	Fuse 3 on fuse holder B -SB3-	15 A	-	Horn relay -J413- Treble horn -H2- Bass horn -H7-	30
F4	-	Fuse 4 on fuse holder B -SB4-	40 A	-	Voltage stabiliser -J532- Supply for fuses: -SC28- to -SC33- for models with start/stop system only	30
F5	-	Fuse 5 on fuse holder B -SB5-	5 A	-	Onboard supply control unit -J519- Battery monitoring control unit -J367-	30
F6	-	Fuse 6 on fuse holder B -SB6-	30 A	-	Onboard supply control unit -J519- (right turn signal, right dipped beam headlight, right main beam headlight, right front fog light, left turning light, front left parking light, left daytime running light, rear right parking light, left brake light, right reversing light, licence plate light, left fog tail light)	30
F7	-	Fuse 7 on fuse holder B -SB7-	20 A	-	Windscreen and rear window washer pump -V59-	30
F8	-	Fuse 8 on fuse holder B -SB8-	30 A	-	Onboard supply control unit -J519- (left turn signal, left dipped beam headlight, left main beam headlight, left front fog light, right turning light, front right parking light, right daytime running light, left rear parking light, right brake light, left reversing light, right fog tail light)	30
F9	-	Fuse 9 on fuse holder B -SB9-	10 A	-	Electric lumbar support adjustment Driver seat lumbar support adjustment switch -E176- Driver seat lumbar support longitudinal adjustment motor -V125- Driver seat lumbar support height adjustment motor -V129- Front passenger seat lumbar support adjustment switch -E177- Front passenger seat lumbar support longitudinal adjustment motor -V126- Front passenger seat lumbar support height adjustment motor -V130-	30
F10	-	Fuse 10 on fuse holder B -SB10-	5 A	-	Automatic glow period control unit -J179- for models with diesel engine only	87
F10	-	Fuse 10 on fuse holder B -SB10-	10 A	-	Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- for models with petrol engine only	87
F11	-	Fuse 11 on fuse holder B -SB11-	5 A	-	Steering column electronics control unit -J527-	30
F12	-	Fuse 12 on fuse holder B -SB12-	5 A	-	Aerial amplifier for mobile telephone -R86- Telephone bracket -R126-	30
F13	-	Fuse 13 on fuse holder B -SB13-	5 A	-	Terminal 30 voltage supply relay -J317- Engine control unit -J623- for models with diesel engine only	30
F13	-	Fuse 13 on fuse holder B -SB13-	5 A	-	Main relay -J271- Engine control unit -J623- for models with 2.5 l petrol engine only	30

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F13	-	Fuse 13 on fuse holder B -SB13-	10 A	-	Main relay -J271- Engine control unit -J623- for models with petrol engine only not for models with 2.5 l petrol engine	30
F14		Fuse 14 on fuse holder B -SB14-	30 A		Engine control unit -J623- for models with diesel engine only	87
F14		Fuse 14 on fuse holder B -SB14-	25 A		Engine control unit -J623- for models with petrol engine only not for models with 2.5 l petrol engine	87
F14		Fuse 14 on fuse holder B -SB14-	15 A		Engine control unit -J623- for models with 2.5 l petrol engine only	87
F15	-	Fuse 15 on fuse holder B -SB15-	5 A	-	Data bus diagnostic interface -J533-	30
F16	-	Fuse 16 on fuse holder B -SB16-	10 A	-	Charge pressure control solenoid valve -N75- Exhaust gas recirculation cooler changeover valve -N345- Air mass meter -G70- for models with diesel engine only	87
F16	-	Fuse 16 on fuse holder B -SB16-	10 A	-	Additional coolant pump relay -J496- Solenoid for coolant circuit -N492- Coolant circulation pump -V50- for models with 2.5 l petrol engine	87
F17	-	Fuse 17 on fuse holder B -SB17-	20 A	-	Fuel pressure control valve -N276- for models with petrol engine only not for models with 2.5 l petrol engine	87
F17	-	Fuse 17 on fuse holder B -SB17-	10 A	-	Fuel metering valve -N290- for models with 2.5 l petrol engine only	87
F18	-	Fuse 18 on fuse holder B -SB18-	10 A	-	Lambda probe heater -Z19- for models with diesel engine only	87
F18	-	Fuse 18 on fuse holder B -SB18-	25 A	-	Fuel pump control valve -J538- for models with petrol engine only	87
F19	-	Fuse 19 on fuse holder B -SB19-	30 A	-	Control unit 1 for information electronics -J794- Radio -R- Voltage stabiliser -J532- Digital sound package control unit -J525-	30
F20	-	Fuse 20 on fuse holder B -SB20-	5 A	-	Clutch position sender -G476-	87
F21	-	Fuse 21 on fuse holder B -SB21-	30 A	-	Control unit for reducing-agent heater -J891-	30
F22	-	Fuse 22 on fuse holder B -SB22-	30 A	-	Wiper motor control unit -J400-	30
F23	-	Fuse 23 on fuse holder B -SB23-	10 A	-	Fuel pump relay -J17- Radiator fan control unit -J293- Low heat output relay -J359- High heat output relay -J360- Exhaust gas recirculation cooler pump -V400- for models with diesel engine only	87

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F23	-	Fuse 23 on fuse holder B -SB23-	10 A	-	Additional coolant pump relay -J496- Radiator fan control unit -J293- Engine component current supply relay -J757- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Oil pressure regulation valve -N428- for models with petrol engine only not for models with 2.5 l petrol engine	87
F23	-	Fuse 23 on fuse holder B -SB23-	10 A	-	Radiator fan control unit -J293- Engine component current supply relay -J757- Exhaust flap control unit -J883- Charge pressure control solenoid valve -N75- Activated charcoal filter solenoid valve 1 -N80- Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- for models with 2.5 l petrol engine only	87
F24	-	Fuse 24 on fuse holder B -SB24-	20 A	-	Fuel pressure control valve -N276- Fuel metering vavle -N290- for models with diesel engine only	87
F24	-	Fuse 24 on fuse holder B -SB24-	20 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- for models with petrol engine only not for models with 2.5 l petrol engine	87
F24	-	Fuse 24 on fuse holder B -SB24-	10 A	-	Camshaft control valve 1 -N205- Exhaust camshaft control valve 1 -N318- Oil pressure regulation valve -N428- for models with 2.5 l petrol engine only	87
F25		Fuse 25 on fuse holder B -SB25-	30 A		Driver door control unit -J386- Rear left door control unit -J388-	30
F26	-	Fuse 26 on fuse holder B -SB26-	30 A	-	Front passenger door control unit -J387- Rear right door control unit -J389-	30
F27	-	Fuse 27 on fuse holder B -SB27-	50 A	-	Terminal 15 voltage supply relay -J329- Supply for fuses: -SC9- to -SC16- , -SC25- , -SC26- , -SC27-	30
F27	-	Fuse 27 on fuse holder B -SB27-	40 A	-	Terminal 15 voltage supply relay -J329- Supply for fuses: -SC9- to -SC16- , -SC25- , -SC26- , -SC27- from November 2014	30

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F28	-	Fuse 28 on fuse holder B -SB28-	50 A	-	Automatic glow period control unit -J179- Glow plug 1 -Q10- Glow plug 2 -Q11- Glow plug 3 -Q12- Glow plug 4 -Q13- for models with diesel engine only	87
F28	-	Fuse 28 on fuse holder B -SB28-	30 A	-	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291- Ignition coil 4 with output stage -N292- Ignition coil 5 with output stage -N323- for models with 2.5 l petrol engine only	87
F29	-	Fuse 29 on fuse holder B -SB29-	30 A	-	Driver seat adjustment thermal fuse 1 -S44- Front passenger seat adjustment thermal fuse 1 -S46-	30
F30		Fuse 30 on fuse holder B -SB30-	40 A		ABS control unit -J104- (MK60 ESP pump)	30

1.12 Fuse holder C -SC-

Fitting location:

On left under dash panel

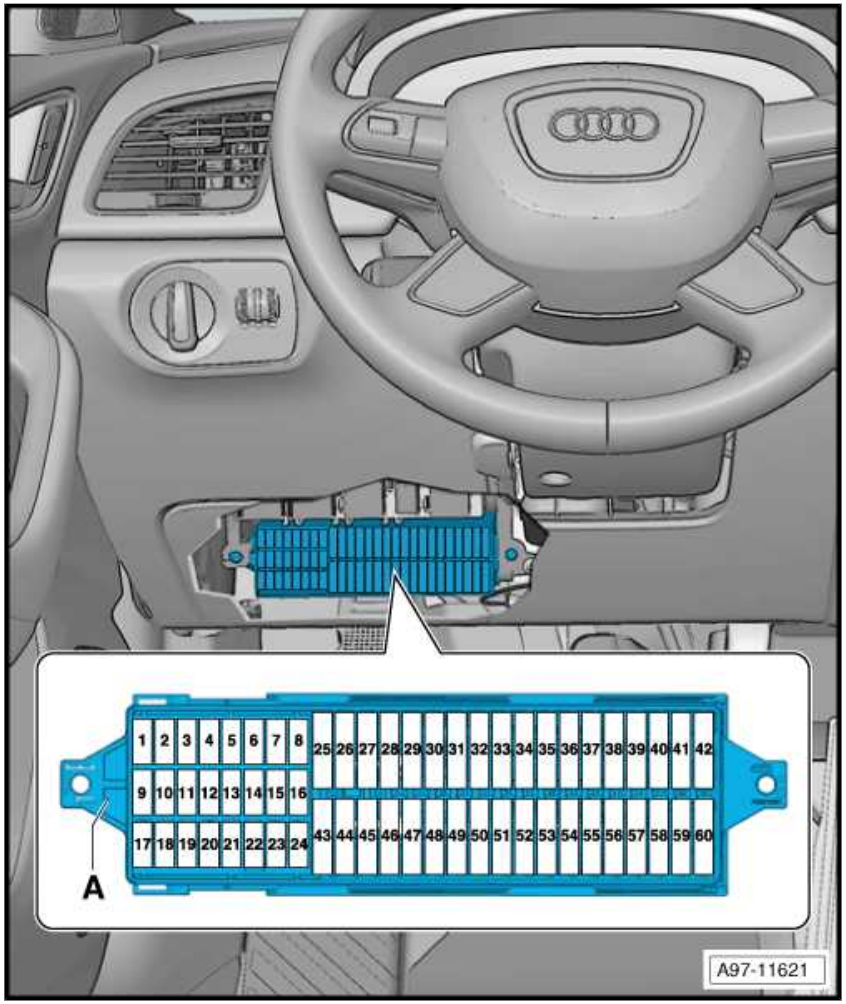
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A - Fuse holder C -SC- , ⇒ page 17

Fuse colours:

- 50 A - red
- 40 A - orange
- 30 A - light-green
- 25 A - natural (white)
- 20 A - yellow
- 15 A - light blue
- 10 A - red
- 7.5 A - brown
- 5 A - light-brown
- 3 A - purple

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1.13 Fuses in fuse holder C -SC-

No.		Current flow diagram designation	Nominal value		Function/component	Terminal
1	-	Fuse 1 on fuse holder C -SC1-	10 A	-	Output module 1 for left LED headlight -A31-	15
2	-	Fuse 2 on fuse holder C -SC2-	10 A	-	Output module 1 for right LED headlight -A27-	15

3	-	Fuse 3 on fuse holder C -SC3-	5 A	-	Glove compartment light switch -E26- Driver side vanity mirror contact switch -F147- Front passenger side vanity mirror contact switch -F148- Glove compartment light -W6- Front passenger side illuminated vanity mirror -W14- Driver side illuminated vanity mirror -W20- Front roof module -WX3- discontinued from November 2014	30
4	-	Fuse 4 on fuse holder C -SC4-	5 A	-	Front camera for driver assist systems -R242-	15
5	-	Fuse 5 on fuse holder C -SC5-	10 A	-	Output module for left headlight -J667-	15
5	-	Fuse 5 on fuse holder C -SC5-	5 A	-	Power output module for left headlight -J667- from November 2014	15
6	-	Fuse 6 on fuse holder C -SC6-	10 A	-	Output module for right headlight -J668-	15
6	-	Fuse 6 on fuse holder C -SC6-	5 A	-	Power output module for right headlight -J668- from November 2014	15
7	-	Fuse 7 on fuse holder C -SC7-	7.5 A	-	Control unit for electronic steering column lock -J764-	30
8	-	Fuse 8 on fuse holder C -SC8-	7.5 A	-	Entry and start authorisation control unit -J518 -	30
9	-	Fuse 9 on fuse holder C -SC9-	5 A	-	Front passenger airbag deactivated warning lamp -K145- Airbag control unit -J234-	15
10	-	Fuse 10 on fuse holder C -SC10-	10 A	-	All-wheel drive control unit -J492- bis April 2013	15
11	-	not assigned	-	-		-
12	-	Fuse 12 on fuse holder C -SC12-	5 A	-	Mechatronic unit for dual clutch gearbox -J743- Selector lever sensors control unit -J587-	15
13	-	Fuse 13 on fuse holder C -SC13-	5 A	-	Oil level and oil temperature sender -G266- Start/stop system button -E693- TSC and ESP button -E256- Reversing light switch -F4- High-pressure sender -G65- Air quality sensor -G238- Climatronic control unit -J255- air conditioning system control unit -J301- Voltage supply relay 1 -J701- Voltage supply relay 2 -J710- AUTO HOLD warning lamp -K237- AUTO HOLD button -E540- Automatic anti-dazzle interior mirror -Y7- Interior mirror -EX5- Heater element for left washer jet -Z20- Heater element for right washer jet -Z21- Seat occupied recognition control unit -J706-	15
14	-	Fuse 14 on fuse holder C -SC14-	7.5 A	-	Starter relay 1 -J906- Starter relay 2 -J907- gradual introduction	15

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14	-	Fuse 14 on fuse holder C -SC14-	7.5 A	-	Light switch -E1- Brake light switch -F- Brake pedal switch -F63- Engine control unit -J623- Trailer detector control unit -J345- Electronically controlled damping control unit -J250- ABS control unit -J104- Power steering control unit -J500- Data bus diagnostic interface -J533- Terminal 15 voltage supply relay 2 -J681-	15
15	-	Fuse 15 on fuse holder C -SC15-	10 A	-	Crankcase breather heater element -N79- for models with diesel engine only	15
15	-	Fuse 15 on fuse holder C -SC15-	10 A	-	Air mass meter -G70- for models with petrol engine only	15
15	-	Fuse 15 on fuse holder C -SC15-	10 A	-	Headlight range control unit -J431- Voltage stabiliser -J532- Relay for automatic anti-dazzle interior mirror -J910- Control unit for electromechanical parking brake -J540- Cornering light and headlight range control unit -J745- Socket relay -J807- 16-pin connector -T16- (diagnostic connection) Headlight range control regulator -E102- Left headlight range control motor -V48- Right headlight range control motor -V49-	15
16	-	Fuse 16 on fuse holder C -SC16-	5 A	-	Parking aid control unit -J446- Lane change assist control unit -J769- Lane change assist control unit 2 -J770-	15
17	-	Fuse 17 on fuse holder C -SC17-	5 A	-	Reversing camera system control unit -J772-	30
18	-	Fuse 18 on fuse holder C -SC18-	5 A	-	Radio -R- TV tuner -R78- Internet access control unit -J666- Chip card reader control unit -J676-	30
19	-	Fuse 19 on fuse holder C -SC19-	5 A	-	Onboard supply control unit -J519- Voltage stabiliser -J532- Engine control unit -J623-	50
20	-	Fuse 20 on fuse holder C -SC20-	5 A	-	ABS control unit -J104- Air conditioning control unit -J301- Climatronic control unit -J255- Interface control unit for vehicle location system -J843-	30
21	-	not assigned	-	-		-
22	-	Fuse 22 on fuse holder C -SC22-	10 A	-	Interior monitoring sensor -G273- Alarm horn -H12-	30

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23	-	Fuse 23 on fuse holder C -SC23-	10 A	-	Light switch -E1- Rain and light sensor -G397- Electromechanical parking brake warning lamp -K213- 16-pin connector -T16- (diagnostic connection) Front roof module -WX3-	30
24	-	Fuse 24 on fuse holder C -SC24-	10 A	-	Relay for reducing agent metering system -J963-	30
25	-	Fuse 25 on fuse holder C -SC25-	20 A	-	Fuse 4 on fuse holder C -SC4- Fuse 5 on fuse holder C -SC5- Fuse 6 on fuse holder C -SC6-	15
26	-	Fuse 26 on fuse holder C -SC26-	15 A	-	Rear window wiper motor -V12-	15
27	-	Fuse 27 on fuse holder C -SC27-	40 A	-	Starter relay 1 -J906- Starter relay 2 -J907-	15
27	-	Fuse 27 on fuse holder C -SC27-	30 A	-	Starter relay 1 -J906- Starter relay 2 -J907- from November 2014	15
28	-	Fuse 28 on fuse holder C -SC28-	15 A	-	Control unit 1 for information electronics -J794- Radio -R- for models with radio system only	30
28	-	Fuse 28 on fuse holder C -SC28-	7.5 A	-	Control unit 1 for information electronics -J794- for models with MMI only	30
29	-	Fuse 29 on fuse holder C -SC29-	15 A	-	Fuse 18 on fuse holder C -SC18- Fuse 17 on fuse holder C -SC17-	30
30	-	Fuse 30 on fuse holder C -SC30-	5 A	-	CD changer -R41-	30
31	-	Fuse 31 on fuse holder C -SC31-	5 A	-	Display unit for front information display and operating unit control unit -J685-	30
32	-	Fuse 32 on fuse holder C -SC32-	5 A	-	Control unit in dash panel insert -J285-	30
33	-	Fuse 33 on fuse holder C -SC33-	10 A	-	Relay for automatic anti-dazzle interior mirror -J910-	30
34	-	Fuse 34 on fuse holder C -SC34-	10 A	-	Rear left door control unit -J388- (central locking for rear left door) Rear right door control unit -J389- (central locking for rear right door) up to October 2012	30
35	-	Fuse 35 on fuse holder C -SC35-	10 A	-	Driver door control unit -J386- (central locking for front left door) Front passenger control unit -J387- (central locking for front right door) up to October 2012	30
36	-	Fuse 36 on fuse holder C -SC36-	20 A	-	Socket -U- Cigarette lighter -U1-	15
37	-	Fuse 37 on fuse holder C -SC37-	20 A	-	12 V socket 2 -U18- 12 V socket -U5-	15
38	-	Fuse 38 on fuse holder C -SC38-	15 A	-	Terminal 15 voltage supply relay 2 -J681-	30
39	-	not assigned	-	-		-
40	-	Fuse 40 on fuse holder C -SC40-	15 A	-	Trailer detector control unit -J345-	30

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41	-	Fuse 41 on fuse holder C -SC41-	20 A	-	Trailer detector control unit -J345-	30
42	-	Fuse 42 on fuse holder C -SC42-	20 A	-	Trailer detector control unit -J345-	30
43	-	Fuse 43 on fuse holder C -SC43-	20 A	-	Headlight washer system relay -J39- Headlight washer system pump -V11-	30
44	-	Fuse 44 on fuse holder C -SC44-	30 A	-	Heated rear window relay -J9- Heated rear window -Z1-	30
45	-	Fuse 45 on fuse holder C -SC45-	20 A	-	Control unit for electromechanical parking brake -J540-	30
46	-	Fuse 46 on fuse holder C -SC46-	30 A	-	Rear left door control unit -J388- Rear right control unit -J389- up to October 2012	30
46	-	Fuse 46 on fuse holder C -SC46-	20 A	-	Trailer voltage supply relay -J941- from November 2014	30
47	-	Fuse 47 on fuse holder C -SC47-	30 A	-	Driver door control unit -J386- up to October 2012	30
47	-	Fuse 47 on fuse holder C -SC47-	15 A	-	All-wheel drive control unit -J492- from May 2013	30
48	-	Fuse 48 on fuse holder C -SC48-	30 A	-	Front passenger door control unit -J387- up to October 2012	30
49	-	Fuse 49 on fuse holder C -SC49-	25 A	-	Fuel pump relay -J17- Fuel pump control unit -J538- for models with diesel engine only	30
50	-	Fuse 50 on fuse holder C -SC50-	40 A	-	Relief relay for X-contact -J59- Fresh air blower control unit -J126- Fresh air blower -V2-	30
51	-	Fuse 51 on fuse holder C -SC51-	20 A	-	Control unit for electromechanical parking brake -J540-	30
52	-	Fuse 52 on fuse holder C -SC52-	20 A	-	Onboard supply control unit -J519- (footwell lighting, terminal 30G, terminal 58d, luggage compartment lighting) Hazard lights warning lamp -K6- Fuel pump relay -J17-	30
53	-	Fuse 53 on fuse holder C -SC53-	30 A	-	Climatronic control unit -J255- (front seat heating with automatic air conditioning system) Heated front seats control unit -J774- (front seat heating with manual air conditioning system)	30
54	-	Fuse 54 on fuse holder C -SC54-	20 A	-	Sliding sunroof adjustment control unit -J245-	30
55	-	Fuse 55 on fuse holder C -SC55-	20 A	-	Sunroof roller blind control unit -J394-	30
56	-	Fuse 56 on fuse holder C -SC56-	20 A	-	Electronically controlled damping control unit -J250-	30
57	-	Fuse 57 on fuse holder C -SC57-	10 A	-	Special vehicle control unit -J608- for models with driving aids only	30
57	-	Fuse 57 on fuse holder C -SC57-	10 A	-	Voltage supply relay 1 -J701- for models with driving school equipment only	30

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58	-	Fuse 58 on fuse holder C -SC58-	5 A	-	Voltage supply relay 2 -J710- for models with driving school equipment only	30
59	-	not assigned	-	-		-
60	-	not assigned	-	-		-

1.14 Fuse holder D -SD- , with battery in luggage compartment, from May 2013

Fitting location:

on right in luggage compartment

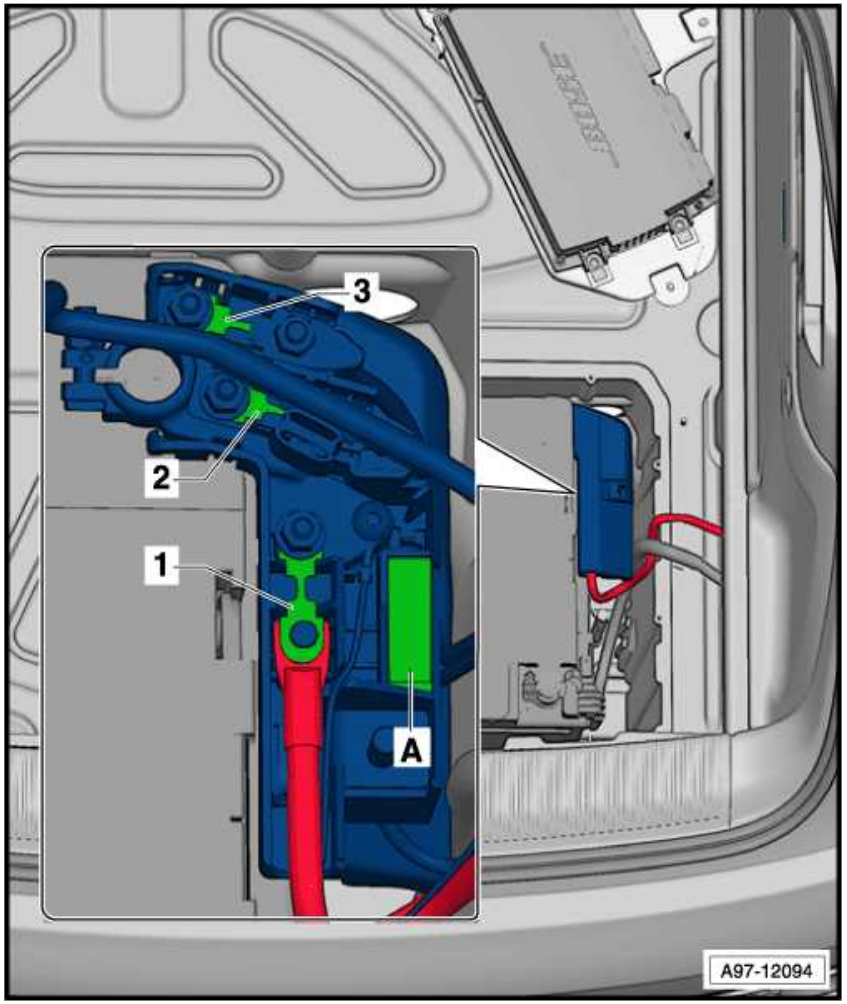
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A - Battery isolation igniter -N253-

1 - Fuse 1 on fuse holder D -SD1- , ⇒ page 23

2 - Fuse 2 on fuse holder D -SD2- , ⇒ page 23

3 - Fuse 3 on fuse holder D -SD3- , ⇒ page 23



1.15 Fuses in fuse holder D -SD- , with battery in luggage compartment, from May 2013

Current Flow Diagram designation	Nominal value		Function/component	Terminal
Fuse 1 on fuse holder D -SD1-	175 A	-	Electronics box supply	30
Fuse 2 on fuse holder D -SD2-	50 A	-	Supply for fuses: -SC40- , -SC41- , -SC42-	30

Fuse 3 on fuse holder D -SD3-	80 A	-	Supply for fuses: -SC28- to -SC33- for models without start/stop system only	30
Fuse 3 on fuse holder D -SD3-	80 A	-	Socket relay -J807- Supply for fuses: -SC7- , -SC8- , -SC20- to -SC24- , -SC43- to -SC53- , -SC54- , -SC55- , -SC56- , -SC57- , -SC58-	30

1.16 Fuses on left under dash panel

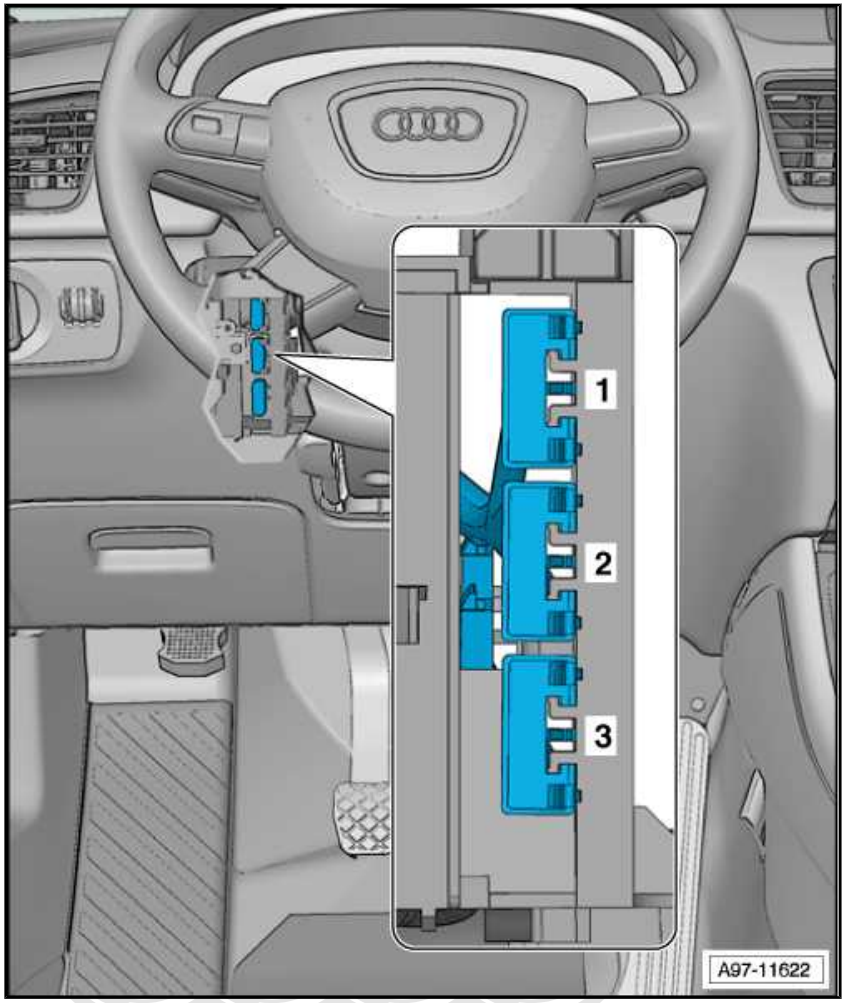
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1 - Driver seat adjustment thermal fuse 1 -S44- - 15 A

2 - Front passenger seat adjustment thermal fuse 1 -S46- - 15 A

3 - Terminal 30 fuse, trailer towing attachment -S77- - 30 A

❑ for models with US equipment only



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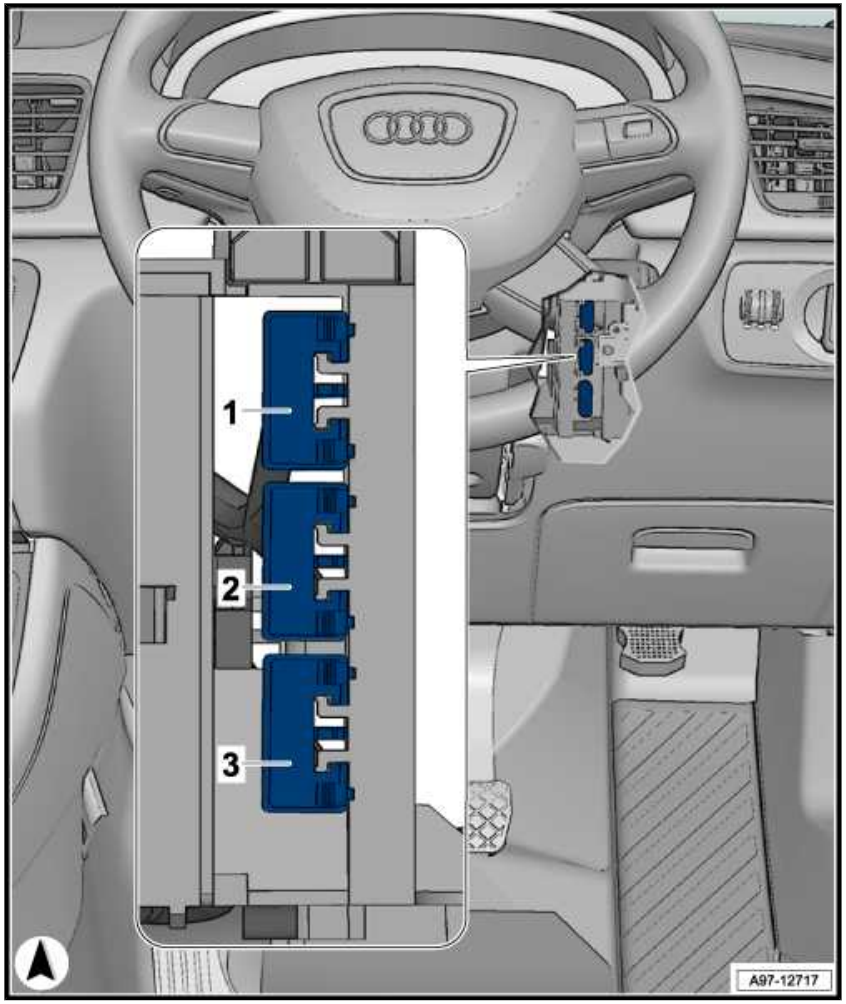
1.17 Fuses on right under dash panel

1 - Driver seat adjustment thermal fuse 1 -S44- - 15 A

2 - Front passenger seat adjustment thermal fuse 1 -S46- - 15 A

3 - Terminal 30 fuse, trailer towing attachment -S77- - 30 A

- ❑ Australia only



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1 Relays

1.1 Overview of relays

1 -
Relay carrier on onboard supply control unit

- On left under dash panel
- Components: -J359- , -J360- , -J963- , -J701- , -J710-
- Relay assignment: ⇒ page 6

2 -
Relay carrier on left under dash panel

- Components: -J9- , -J17- , -J39- , -J59- , -J496- , -J413- , -J329- , -J681- , -J807- , -J906- , -J907- , -J910- , -J941-
- Relay assignment: ⇒ page 7

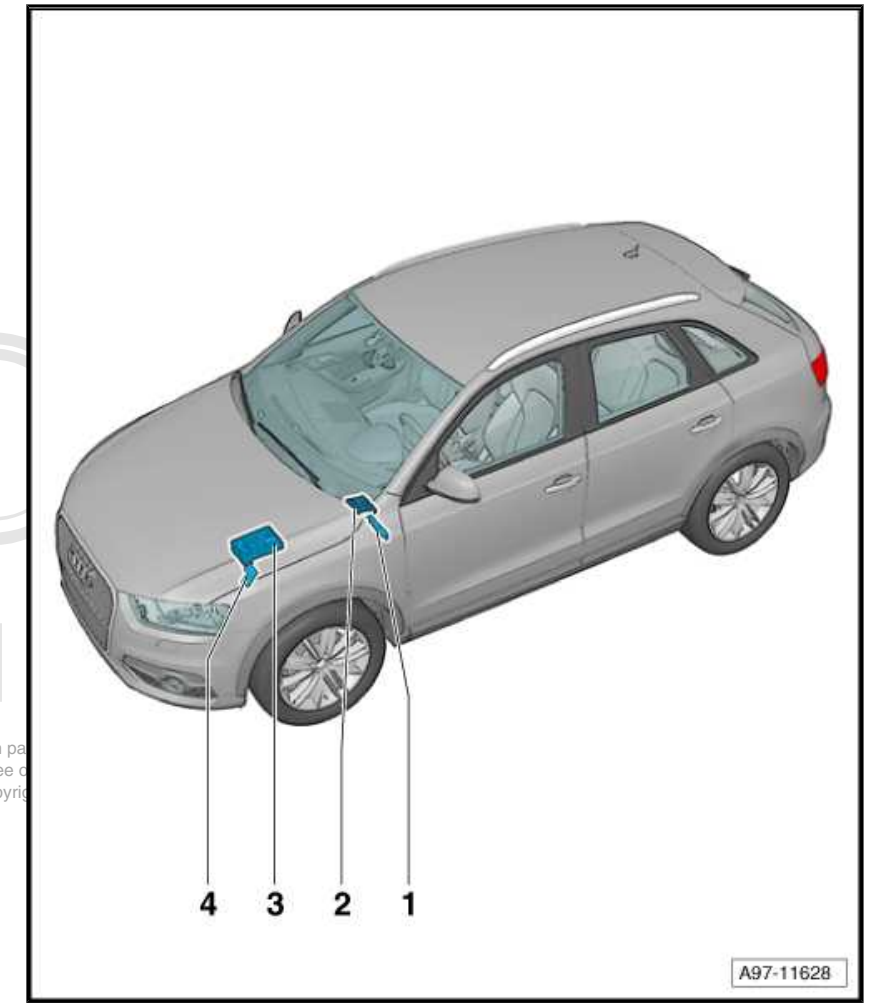
3 -
Relay carrier on E-box

- in left of engine compartment.
- Components: -J271- , -J317- , -J757-
- Relay slot assignment with battery in engine compartment, from August 2011: ⇒ page 2
- Relay slot assignment with battery in engine compartment, from November 2012: ⇒ page 3
- Relay slot assignment with battery in luggage compartment, from May 2013: ⇒ page 4

4 - Relay carrier under electronics box

- in left of engine compartment.
- Component: -J179-
- Relay assignment: ⇒ page 5

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1.2 Relay slot assignment on electronics box, from August 2011, up to October 2012

1 - Main relay -J271-

- ❑ Slot A1
- ❑ for models with petrol engines only

2 - Engine component current supply relay -J757-

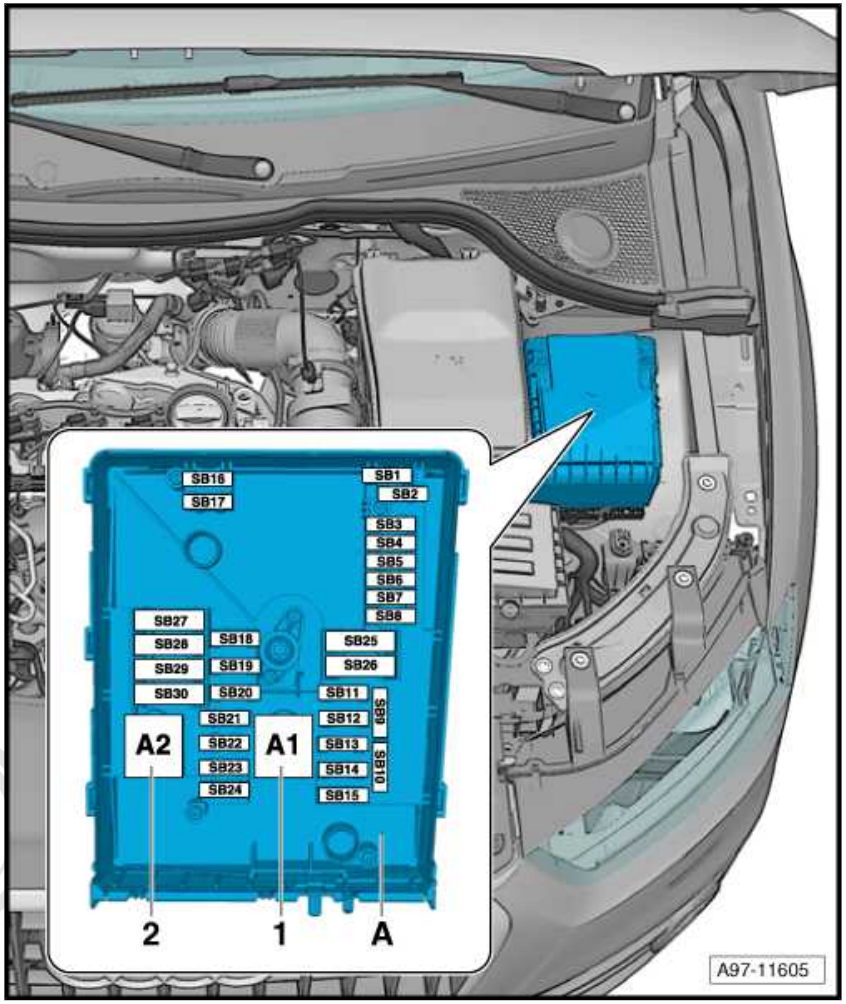
- ❑ Slot A2
- ❑ for models with petrol engines only

1 - Terminal 30 voltage supply relay -J317-

- ❑ Slot A1
- ❑ for models with diesel engines only

2 - Wiring bridges, automatic glow period control unit -J179-

- ❑ Slot A2
- ❑ for models with diesel engines only



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1.3 Relay slot assignment on electronics box, with battery in engine compartment, from November 2012

1 - Engine component current supply relay -J757-

- ❑ Slot A1
- ❑ for models with petrol engines only

1 - Wiring bridges, automatic glow period control unit -J179-

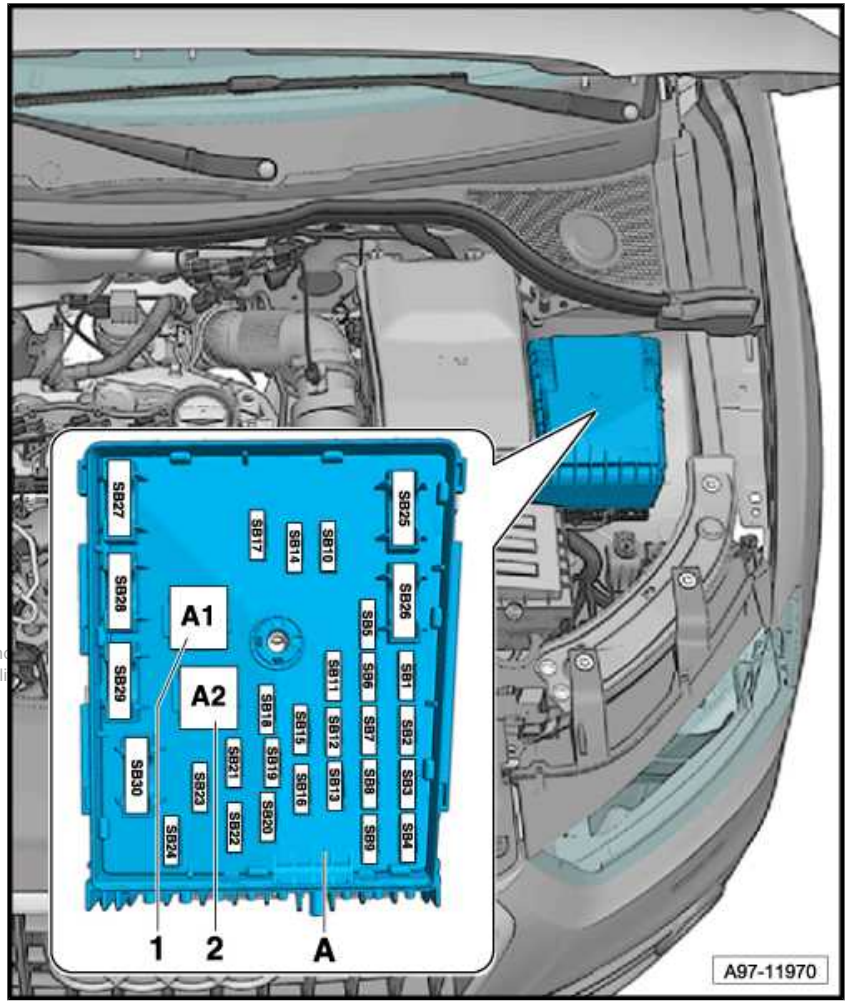
- ❑ Slot A1
- ❑ for models with diesel engines only

2 - Main relay -J271-

- ❑ Slot A2
- ❑ for models with petrol engines only

2 - Terminal 30 voltage supply relay -J317-

- ❑ Slot A2
- ❑ for models with diesel engines only



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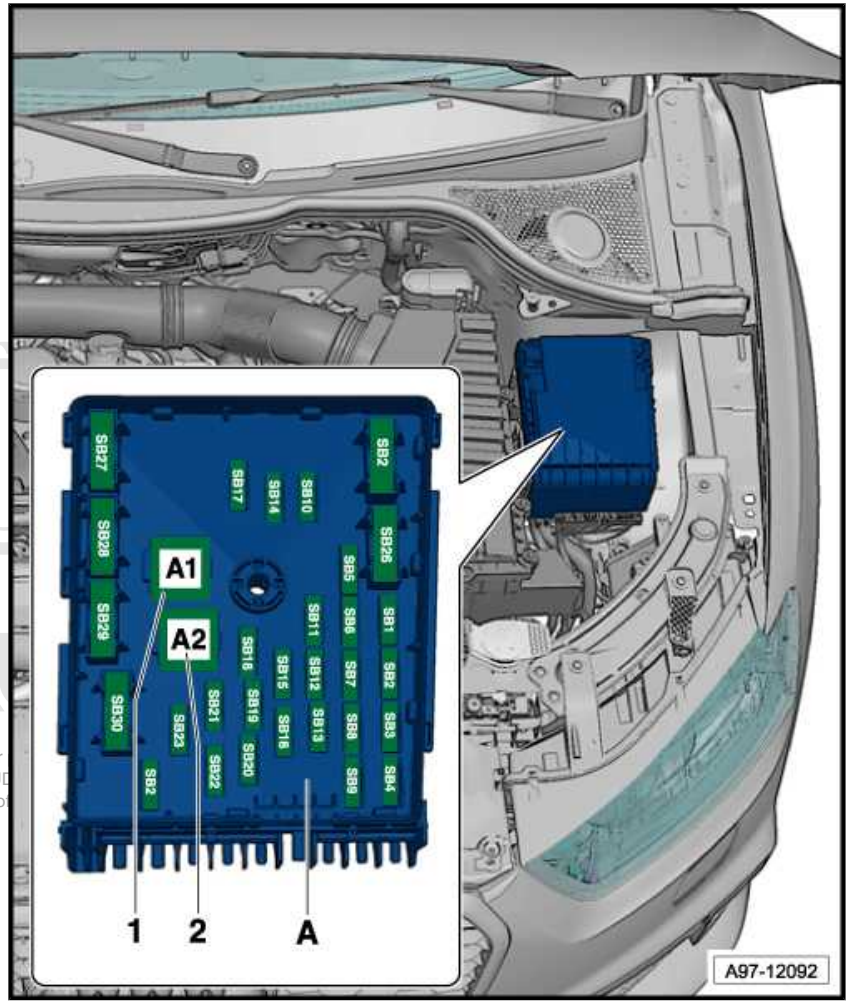
1.4 Relay slot assignment on electronics box, with battery in luggage compartment, from May 2013

1 - Engine component current supply relay -J757-

- ❑ Slot A1

2 - Main relay -J271-

- ❑ Slot A2



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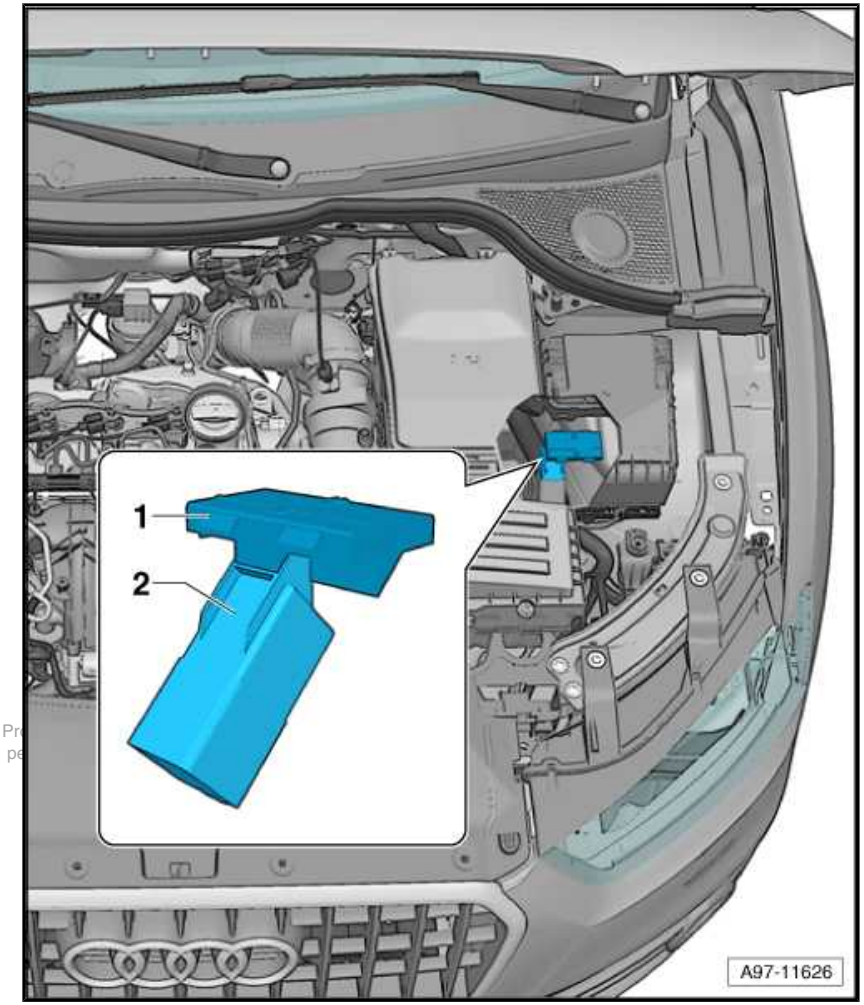
1.5 Relay slot assignment under electronics box

1 - Relay carrier under electronics box in engine compartment, left

2 - Automatic glow period control unit -J179-

Note:

The relay carrier is only visible when the electronics box is removed.



1.6 Relay slot assignment, relay carrier on onboard power supply control unit, under left dash panel

1 - High heat output relay -J360-

2 - Low heat output relay -J359-

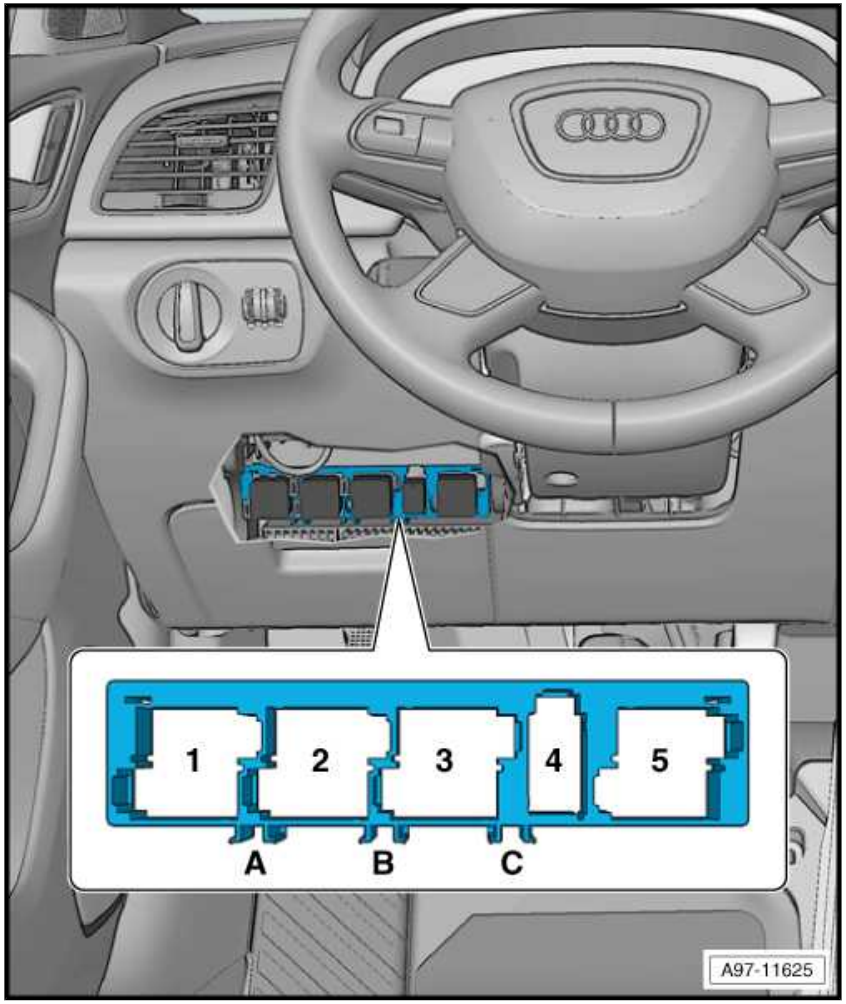
3 - not assigned

4 - Relay for reducing agent metering system -J963-

5 - Voltage supply relay 1 -J701-

5 - Voltage supply relay 2 -J710-

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1.7 Relay slot assignment under left dash panel

1 - Terminal 15 voltage supply relay -J329-

2 - Horn relay -J413-

3 - Relay for power sockets -J807-

4 - X-contact relief relay -J59-

5 - Additional coolant pump relay -J496-
- ❑ for models with petrol engines only

5 - Fuel pump relay -J17-
- ❑ for models with diesel engines only

6 - Heated rear window relay -J9-

7 - Relay for automatic anti-dazzle interior mirror -J910-

7 - Terminal 15 voltage supply relay 2 -J681-

7 - Headlight washer system relay -J39-

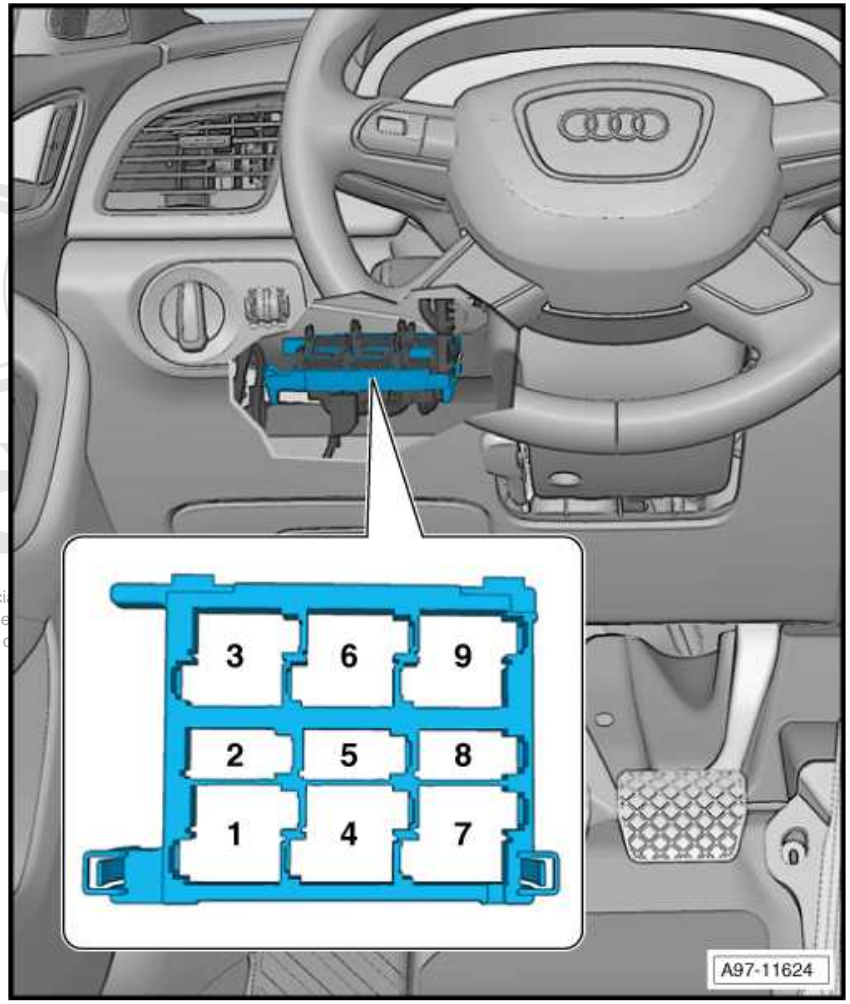
8 - Trailer voltage supply relay -J941-

9 - Starter relay 1 -J906-

9 - Starter relay 2 -J907-

Note:

-J39- und -J910- bzw. -J906- and -J907- are mini relays and are located on a relay slot.



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1 Control units in front part of vehicle

1.1 Overview of control units in front part of vehicle

1 - Output module for right headlight -J668-
- ❑ Fitting location: in right headlight

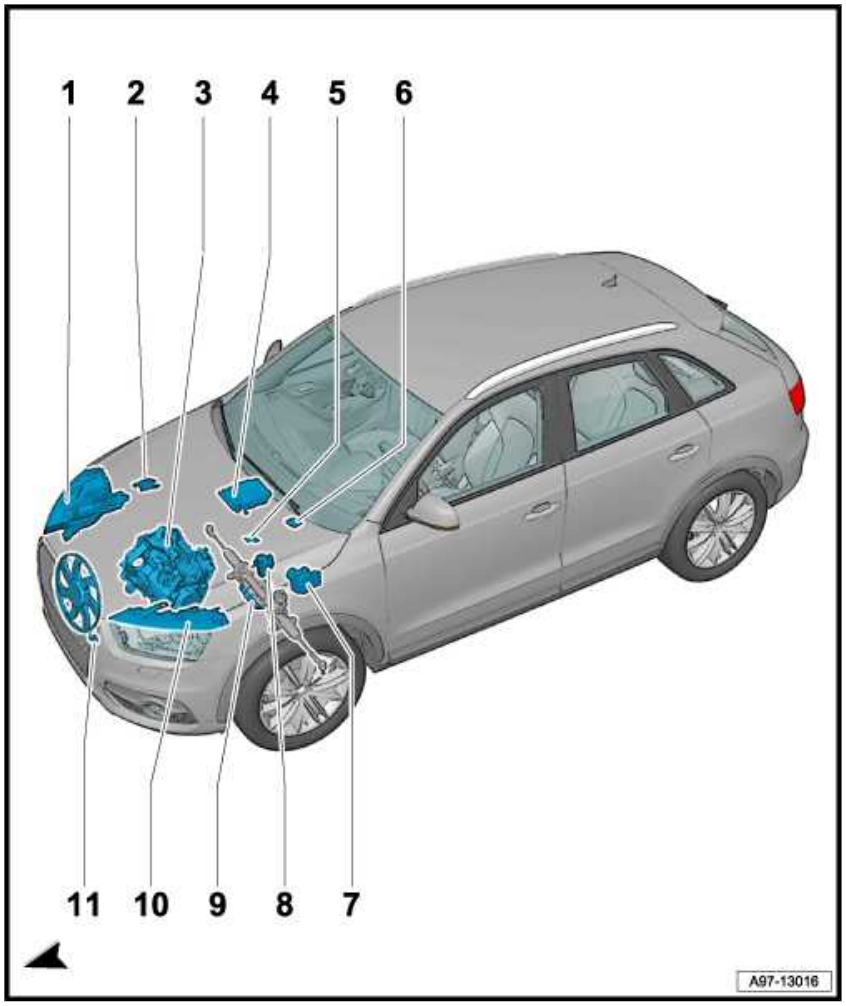
1 - Control unit for right daytime running light and side light -J861-
- ❑ Fitting location: in right gas discharge headlight

2 - Control unit for NOx sender -J583-
- ❑ Fitting location and connector: ⇒ page 10

3 - Mechatronic unit for dual clutch gearbox -J743-
- ❑ Fitting location: on gearbox

4 - Engine control unit -J623-
- ❑ Fitting location and 154-pin connector: ⇒ page 5
- ❑ Fitting location and 196-pin connector: ⇒ page 6

5 - Battery monitor control unit -J367-
- ❑ Fitting location and connector: ⇒ page 8
- ❑ for models with battery in engine compartment only
- ❑ for models with battery in luggage compartment, see Fitting locations: control units in rear part



of vehicle

6 - Wiper motor control unit -J400-

- Fitting location: in plenum chamber

7 - ABS control unit -J104-

- Fitting location and 38-pin connector: ⇒ page 3
- Fitting location and 46-pin connector: ⇒ page 4

8 - Vacuum pump relay -J57-

- Fitting location and connector: ⇒ page 9

9 - Power steering control unit -J500-

- Fitting location and connectors: ⇒ page 7

10 - Output module for left headlight -J667-

- Fitting location: in left headlight

10 - Control unit for left daytime running light and side light -J860-

- Fitting location: in left gas discharge headlight

11 - Radiator fan control unit -J293-

- Fitting location: on radiator

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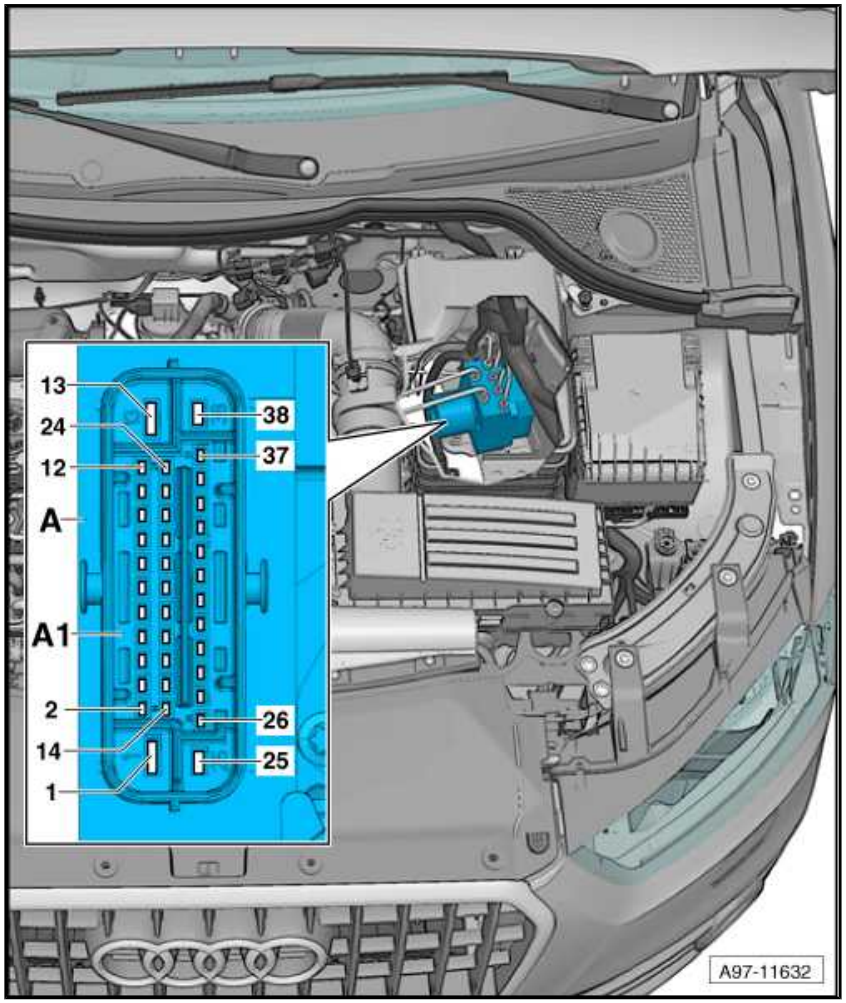
1.2 ABS control unit -J104- (38-pin) up to October 2014

Fitting location:

In left of engine compartment.

A - ABS control unit -J104-

A1 - 38-pin connector -T38a- , brown



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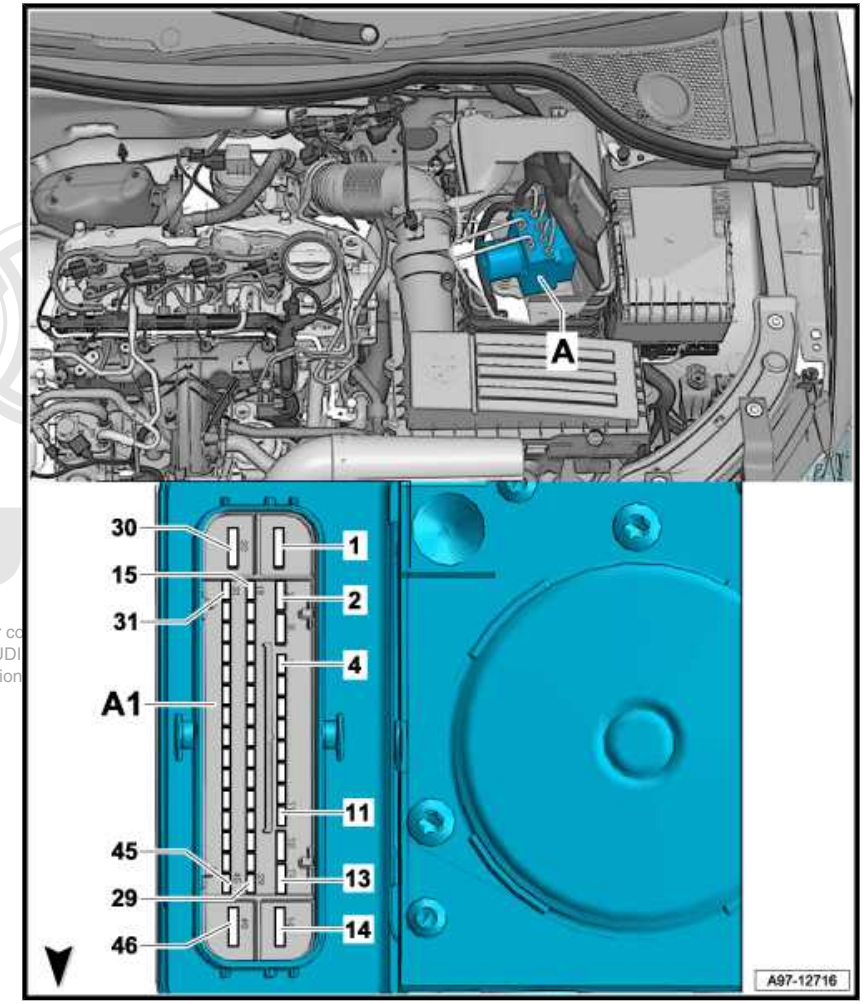
1.3 ABS control unit -J104- (46-pin) from November 2014

Fitting location:

In left of engine compartment.

A - ABS control unit -J104-

A1 - 46-pin connector -T46a- , black



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1.4 Engine control unit -J623- (154-pin)

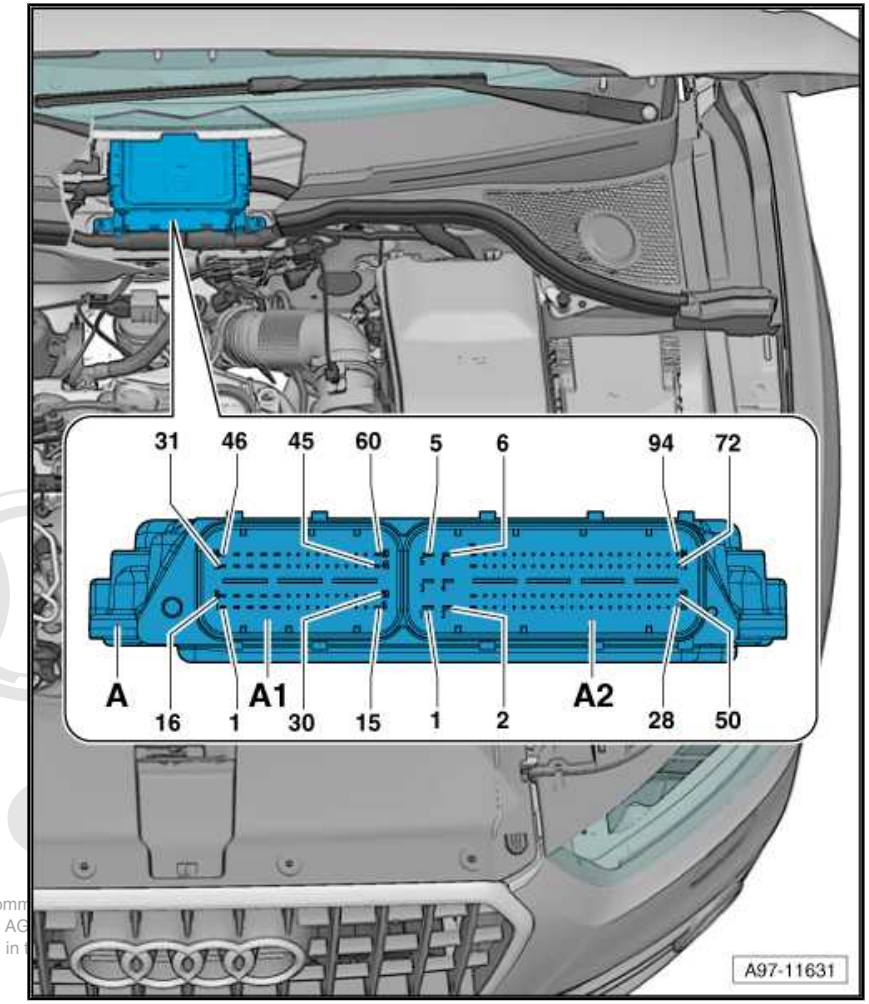
Fitting location:

in engine compartment - centre of plenum chamber.

A - Engine control unit -J623-

A1 - 60-pin connector -T60- , black

A2 - 94-pin connector -T94- , black



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1.5 Engine control unit -J623- (196-pin)

Fitting location:

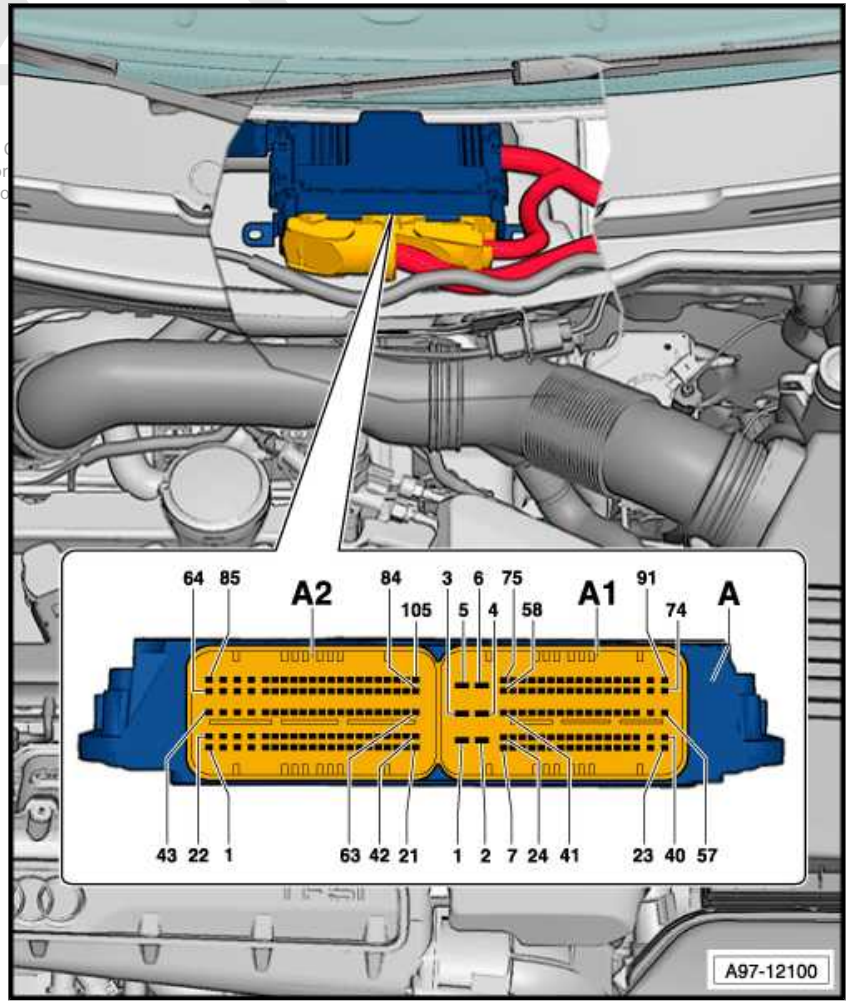
in engine compartment - centre of plenum chamber.

A - Engine control unit -J623-

A1 - 91-pin connector -T91- , black

A2 - 105-pin connector -T105- , black

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1.6 Power steering control unit -J500-

Fitting location:

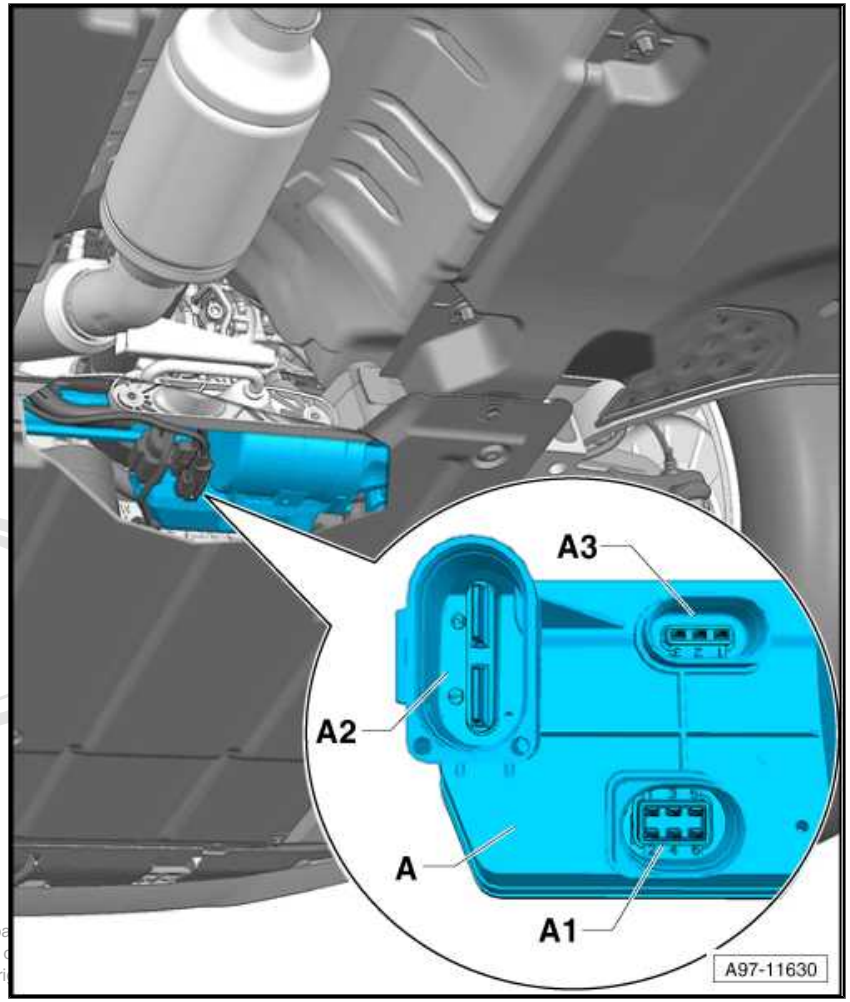
Steering box

A - Power steering control unit -J500-

A1 - 6-pin connector -T6x- , black

A2 - 2-pin connector -T2ag- , black

A3 - 3-pin connector -T3z- , black



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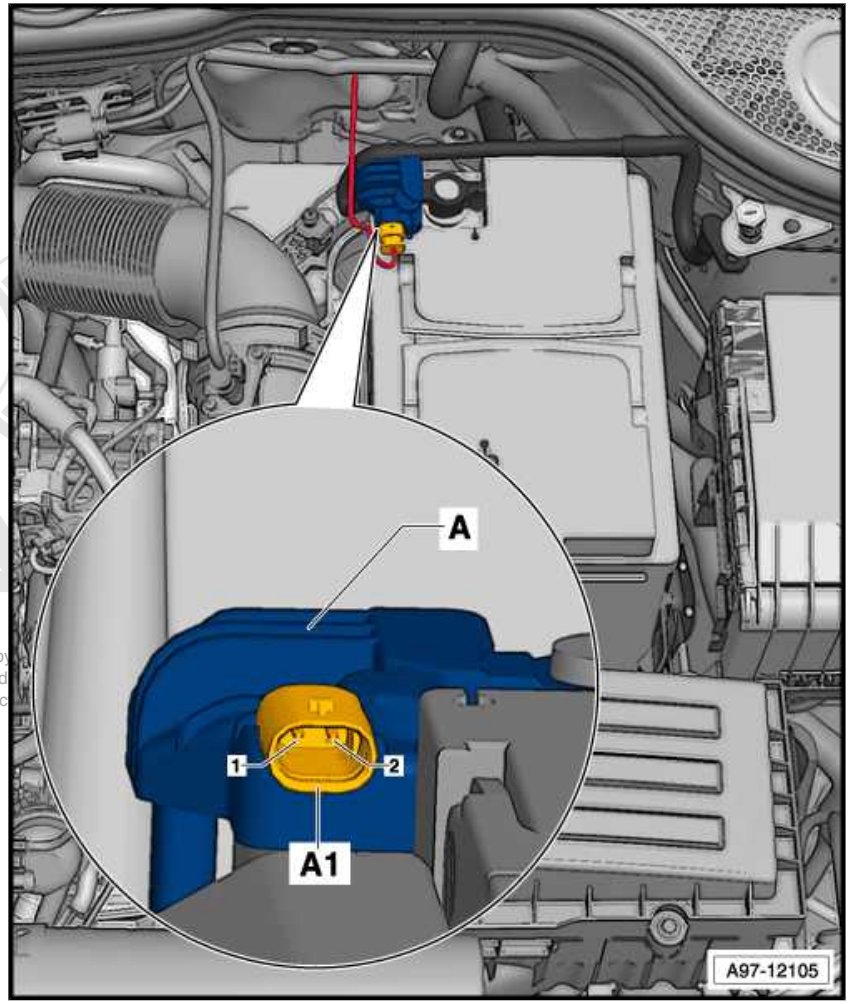
1.7 Battery monitor control unit -J367-

Fitting location:

on the battery.

A - Battery monitor control unit -J367-

A1 - 2-pin connector -T2- , black



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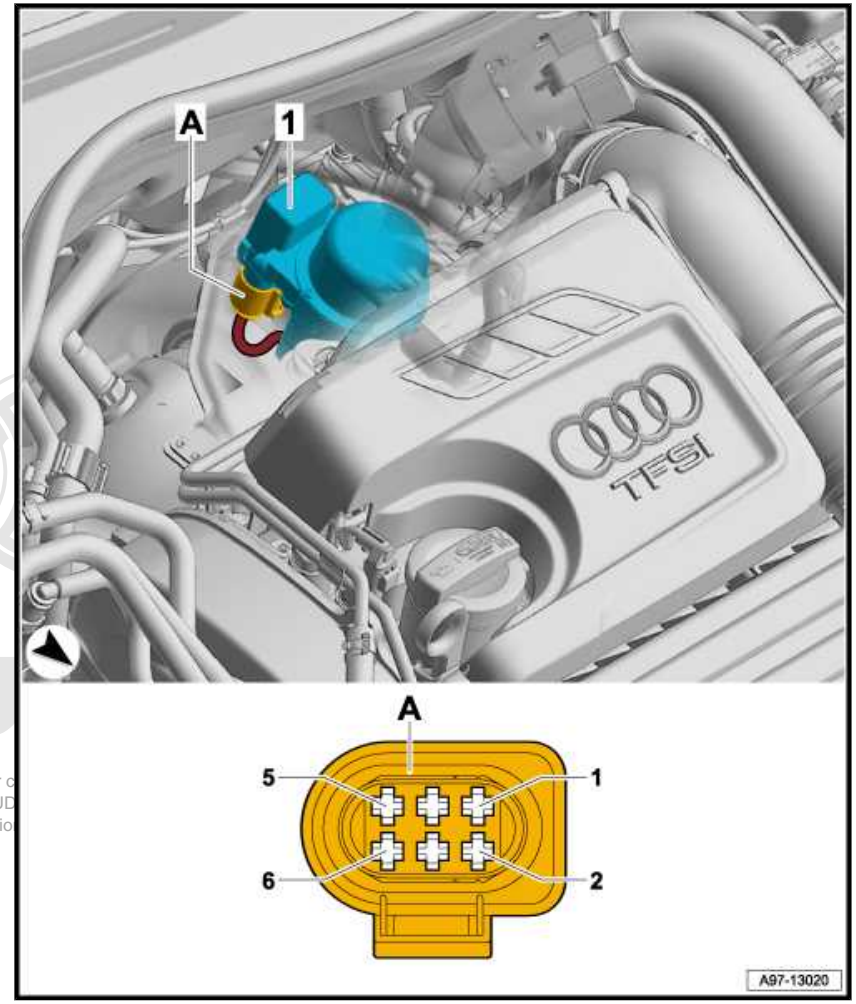
1.8 Vacuum pump relay -J57-

Fitting location:

In left of engine compartment.

1 - Vacuum pump relay -J57-

A - 6-pin connector -T6af-



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1.9 Control unit for NOx sender -J583-

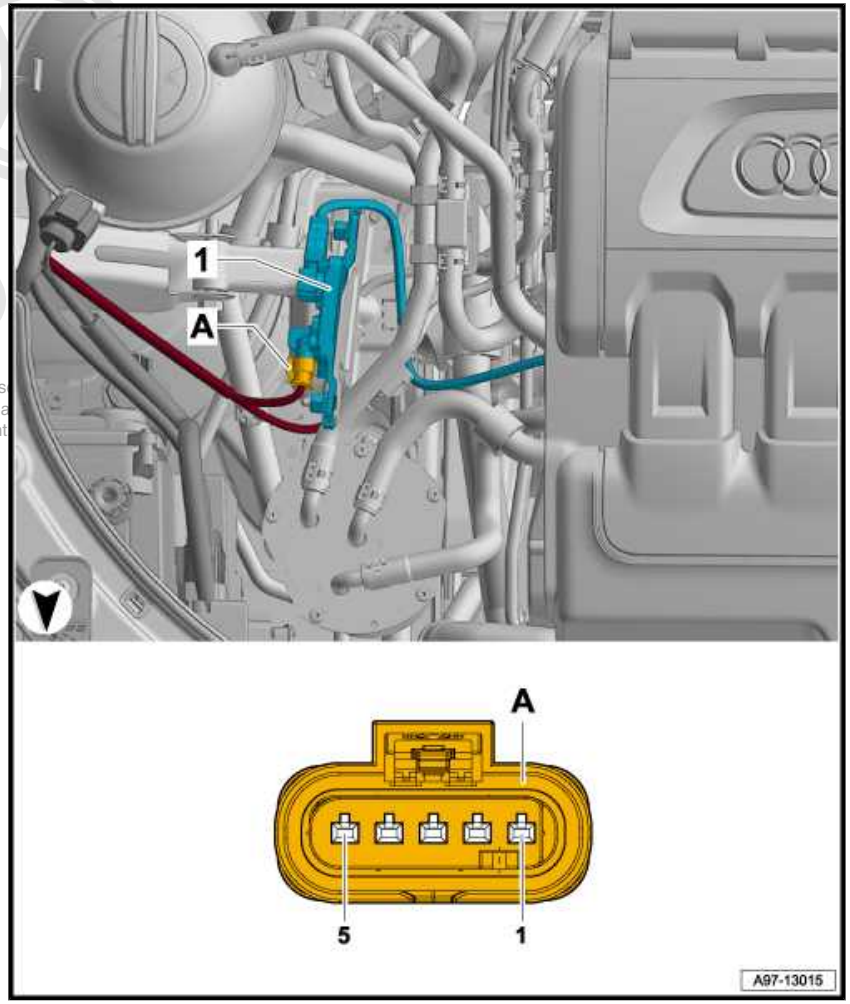
Fitting location:

in engine compartment, right.

1 - Control unit for NOx sender -J583-

A - 5-pin connector -T5o- , black

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1 Control units in middle part of vehicle

1.1 Overview of control units in middle part of vehicle

1 - Entry and start authorisation control unit -J518-
- ❑ Fitting location and connectors: ⇒ page 22

2 - Chip card reader control unit -J676-
- ❑ Fitting location and connectors: ⇒ page 34

3 - Headlight range control unit -J431-
- ❑ Fitting location and connectors: ⇒ page 21

3 - Control unit for cornering light and headlight range control -J745-
- ❑ Fitting location and connectors: ⇒ page 21

4 - Front passenger door control unit -J387-
- ❑ Fitting location and connectors: ⇒ page 8

5 - Internet access control unit -J666-
- ❑ Fitting location and connectors: ⇒ page 28

6 - Display unit for front information display and operating unit control unit -J685-
- ❑ Fitting location and connectors: ⇒ page 31

7 - Control unit in dash panel insert -J285-
- ❑ Fitting location and connectors: ⇒ page 16

8 - Lane departure warning control unit -J759-
- ❑ Fitting location and connectors: ⇒ page 10

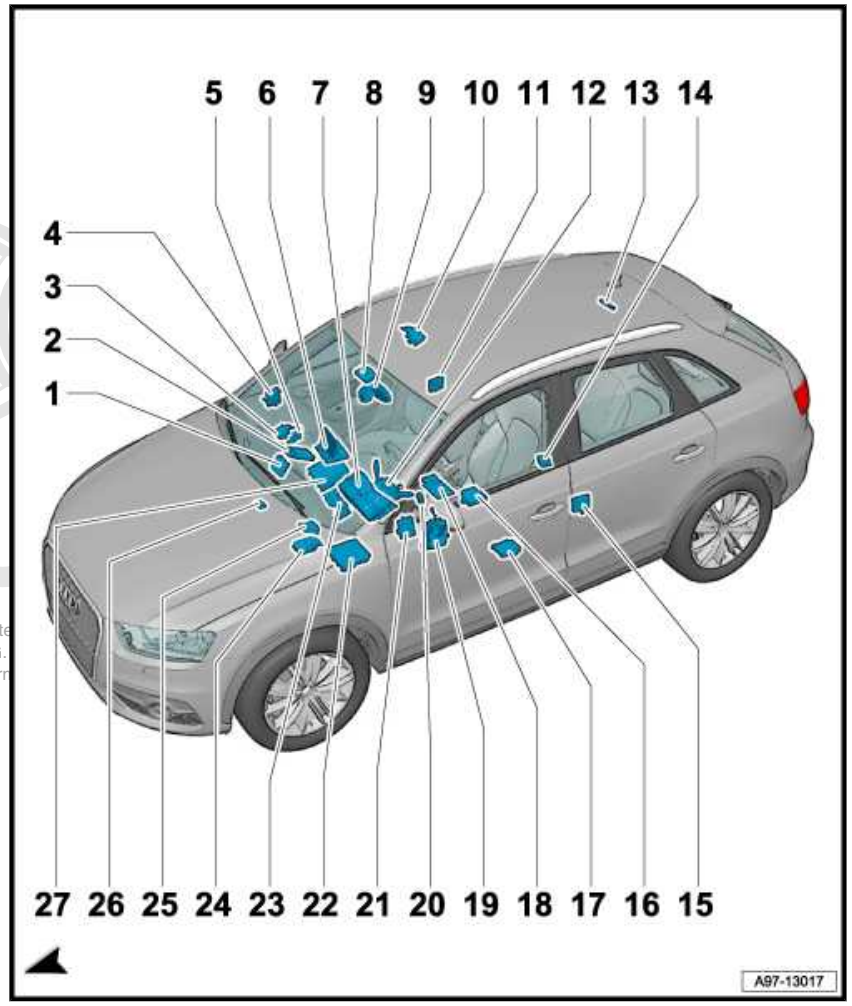
9 - Main beam assist control unit -J844-
- ❑ Fitting location and connectors: ⇒ page 32

10 - Sliding sunroof adjustment control unit -J245-
- ❑ Fitting location and connectors: ⇒ page 29

11 - Rear right door control unit -J389-
- ❑ Fitting location and connectors: ⇒ page 6

12 - Control unit for electronic steering column lock -J764-
- ❑ Fitting location and connectors: ⇒ page 23

12 - Steering column electronics control unit -J527-
- ❑ Fitting location and connectors: ⇒ page 11



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13 - Sunroof roller blind control unit -J394-
- Fitting location and connectors: ⇒ page 30

14 - Fuel pump control unit -J538-
- Fitting location and connectors for petrol engines: ⇒ page 27
- Fitting location and connectors for diesel engines: ⇒ page 26

15 - Rear left door control unit -J388-
- Fitting location and connectors: ⇒ page 7

16 - Control unit for electromechanical parking brake -J540-
- Fitting location and connectors: ⇒ page 4

17 - Voltage stabiliser -J532-
- Fitting location and connectors: ⇒ page 25

18 - Electronically controlled damping control unit -J250-
- Fitting location and connectors: ⇒ page 24

19 - Selector lever sensors control unit -J587-
- Fitting location and connectors: ⇒ page 33

20 - Heated front seats control unit -J774-
- Fitting location and connectors: ⇒ page 12

21 - Driver door control unit -J386-
- Fitting location and connectors: ⇒ page 9

22 - Onboard supply control unit -J519-
- Fitting location and connectors: ⇒ page 19

22 - Emergency call module control unit and communication unit -J949-
- Fitting location and connectors: ⇒ page 35

23 - Climatronic control unit -J255-
- Fitting location and connectors: ⇒ page 20

23 - Air conditioning system control unit -J301-
- Fitting location and connectors: ⇒ page 17

24 - Airbag control unit -J234-
- Fitting location and connectors: ⇒ page 13

25 - Data bus diagnostic interface -J533-
- Fitting location and connectors: ⇒ page 18

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26 - Fresh air blower control unit -J126-

- ❑ Fitting location and connectors: ⇒ page 15

27 - Radio -R-

- ❑ Location and connectors with chorus radio system: ⇒ page 5

27 - Control unit 1 for information electronics -J794-

- ❑ Fitting location and connectors: ⇒ page 36

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1.2 Control unit for electromechanical parking brake -J540-

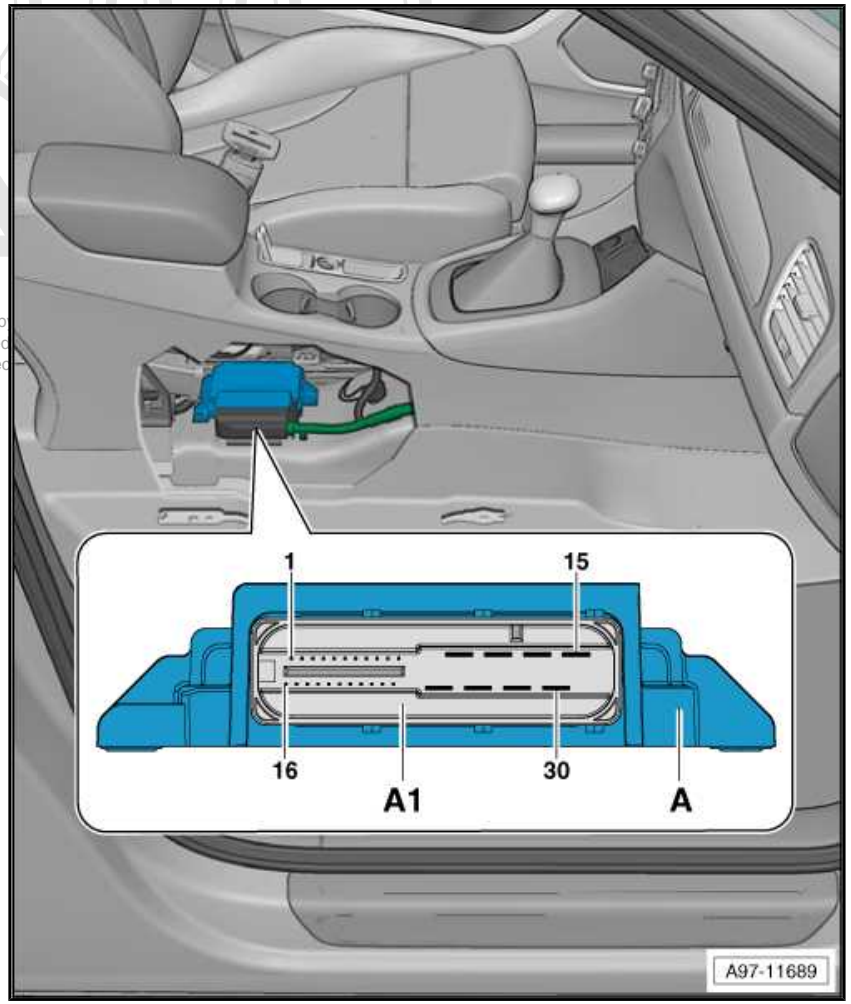
Fitting location:

Behind centre console.

A - Control unit for electromechanical parking brake -J540-

A1 - 30-pin connector -T30- , black

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1.3 Radio -R- (chorus radio system)

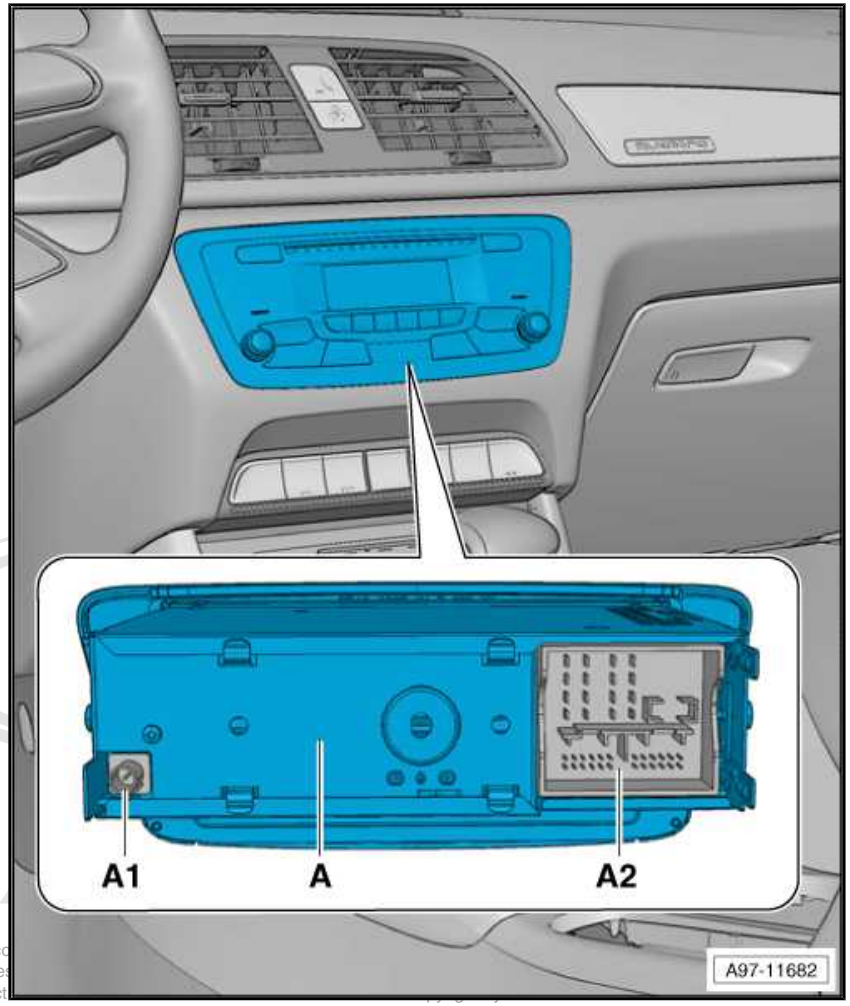
Fitting location:

Dash panel - centre.

A - Radio -R-

A1 - 2-pin connector -T2c- , cream white

A2 - Terminal block (-T8k- , -T12i- , -T8b-)



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1.4 Rear right door control unit -J389-

Fitting location:

In rear right door

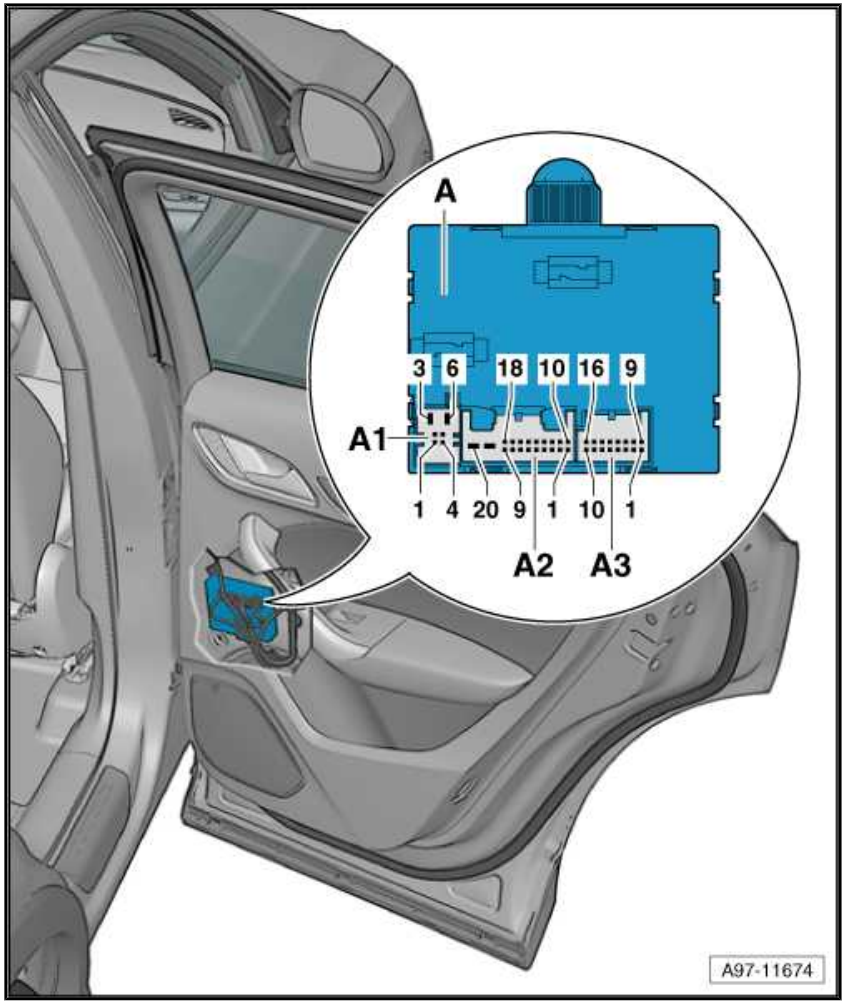
A - Rear right door control unit -J389-

A1 - 6-pin connector -T6i- , black

A2 - 6-pin connector -T20f- , black

A3 - 16-pin connector -T16j- , black

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1.5 Rear left door control unit -J388-

Fitting location:

In rear left door

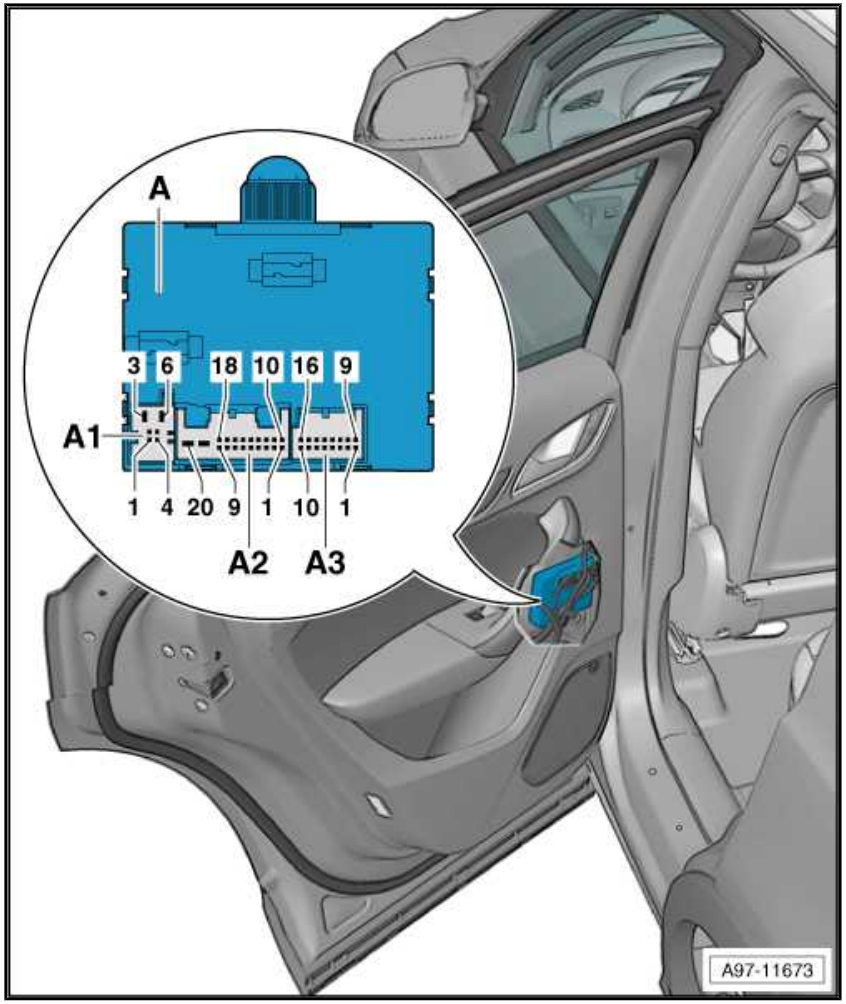
A - Rear left door control unit -J388-

A1 - 6-pin connector -T6h- , black

A2 - 20-pin connector -T20e- , black

A3 - 16-pin connector -T16i- , black

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1.6 Front passenger door control unit -J387-

Fitting location:

In front passenger door.

A - Front passenger door control unit -J387-

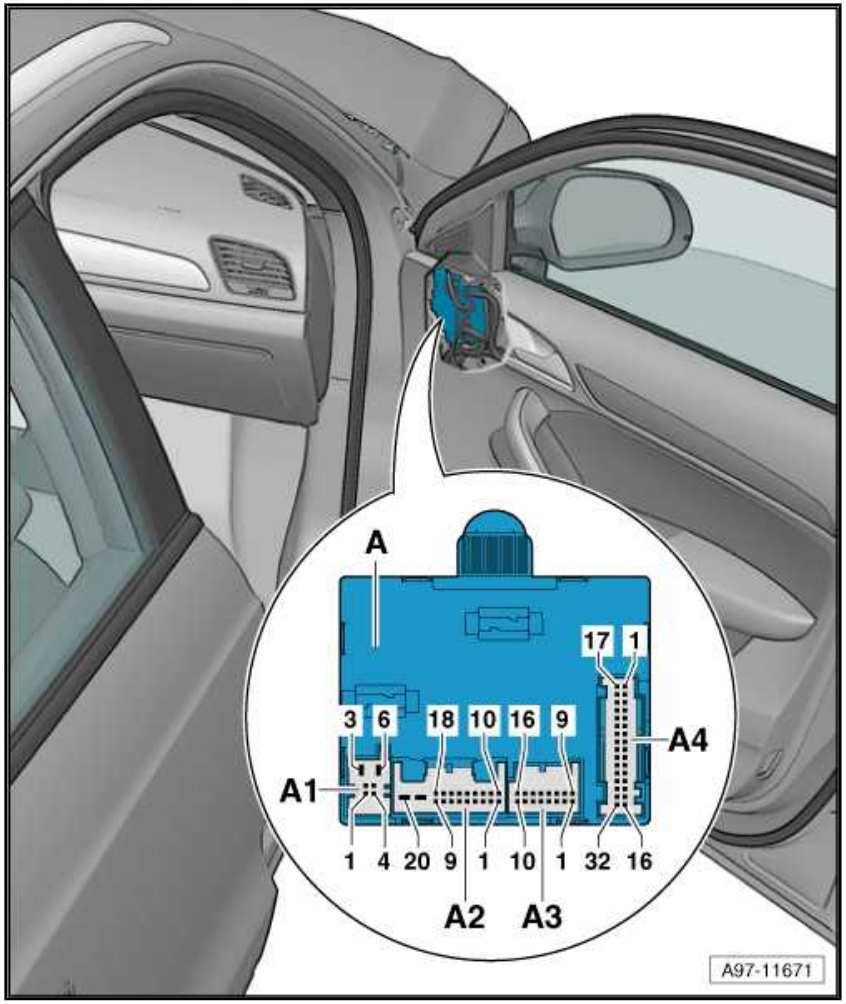
A1 - 6-pin connector -T6g- , black

A2 - 20-pin connector -T20d- , black

A3 - 16-pin connector -T16f- , black

A4 - 32-pin connector -T32c- , blue

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1.7 Driver door control unit -J386-

Fitting location:

In driver door.

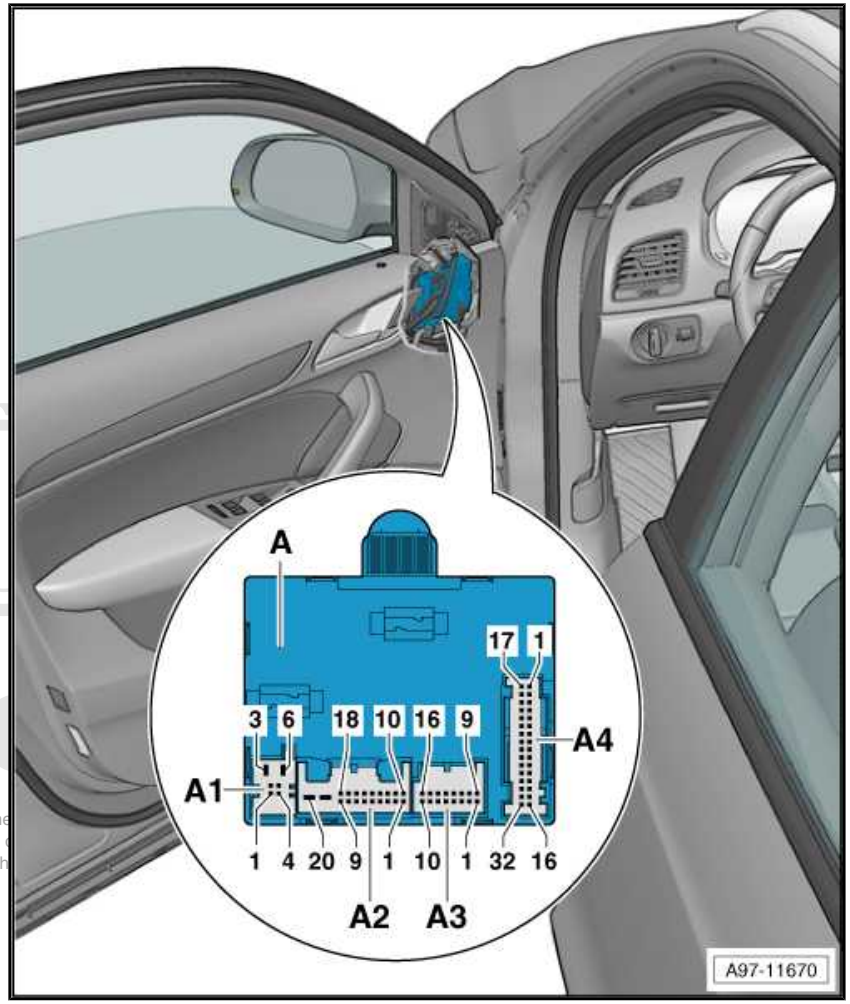
A - Driver door control unit -J386-

A1 - 6-pin connector -T6f- , black

A2 - 20-pin connector -T20c- , black

A3 - 16-pin connector -T16e- , black

A4 - 32-pin connector -T32b- , blue



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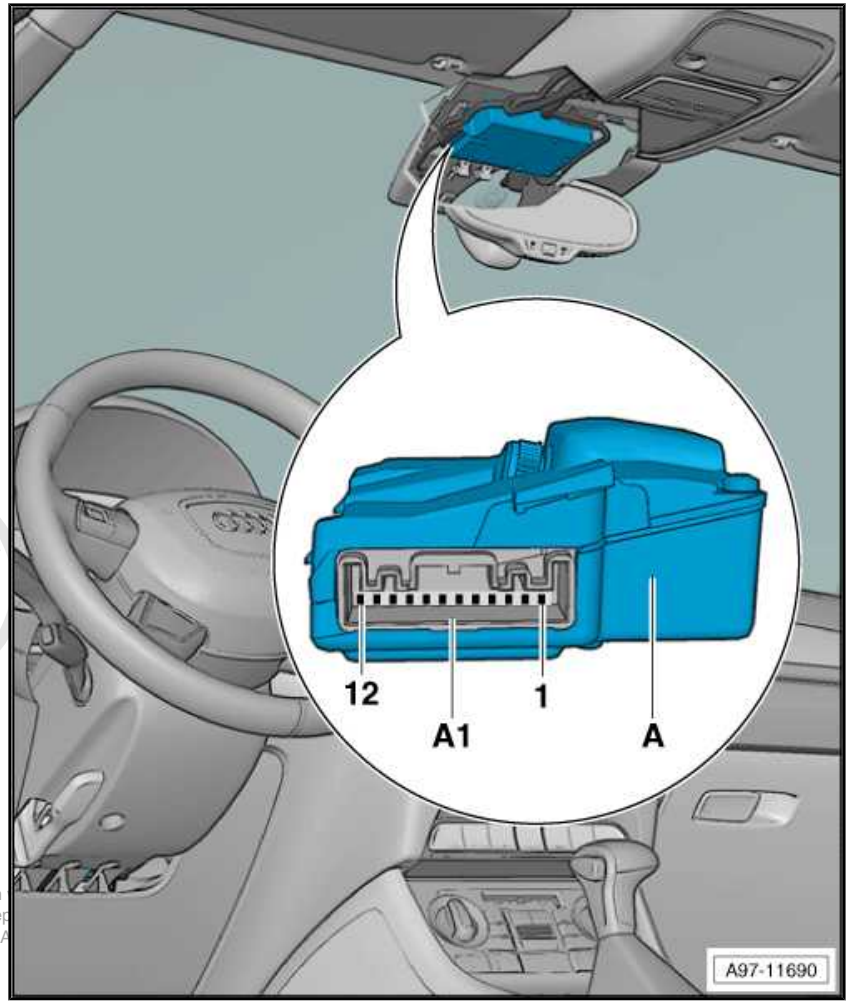
1.8 Lane departure warning control unit -J759-

Fitting location:

Near interior mirror.

A - Lane departure warning control unit -J759-

A1 - 12-pin connector -T12l- , black



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1.9 Steering column electronics control unit -J527-

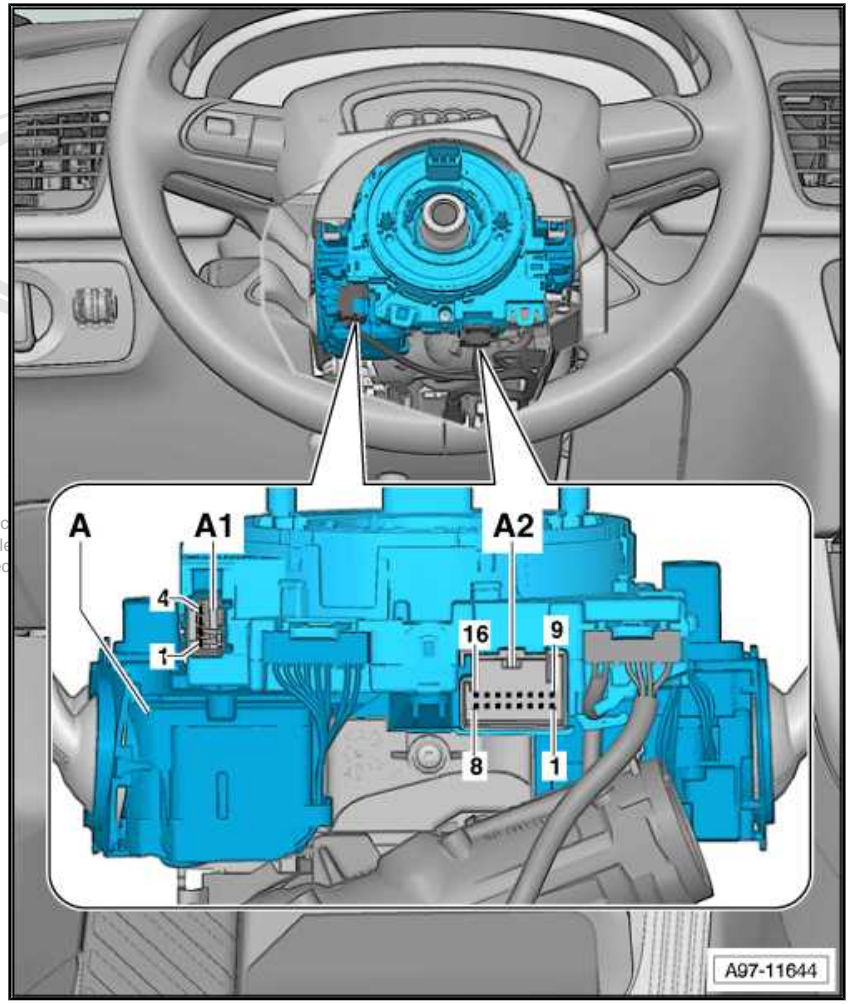
Fitting location:

On steering column.

A - Steering column electronics control unit -J527-

A1 - 4-pin connector -T4- , yellow

A2 - 16-pin connector -T16c- , black



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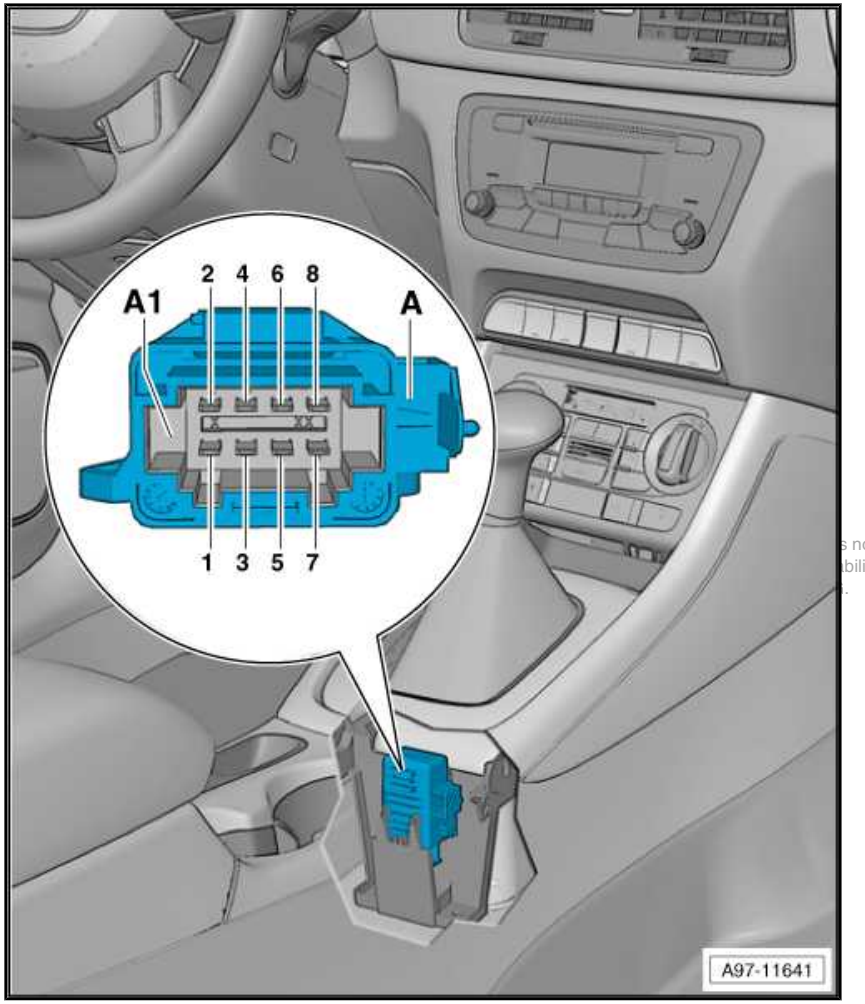
1.10 Heated front seats control unit -J774-

Fitting location:

Behind centre console.

A - Heated front seats control unit -J774-

A1 - 8-pin connector -T8z- , black



Back to overview ⇒ page 1 .

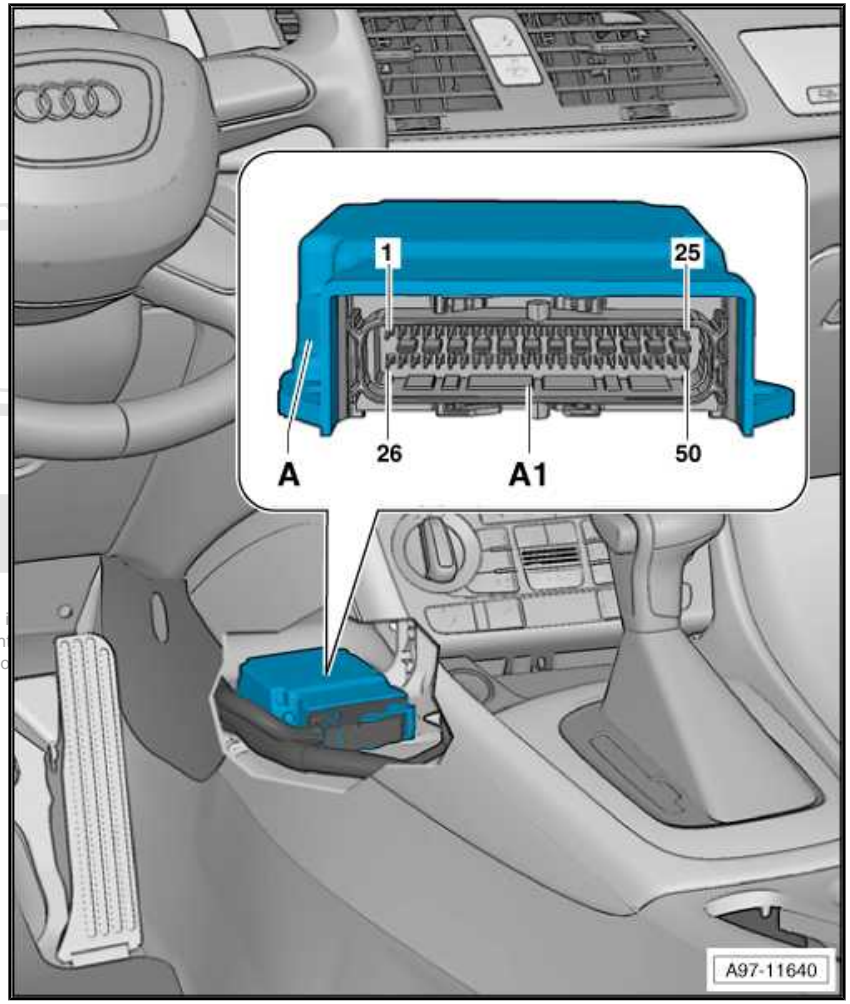
1.11 Airbag control unit -J234-

Fitting location:

Behind centre console.

A - Airbag control unit -J234-

A1 - 50-pin connector -T50- , yellow



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1.12 Airbag control unit -J234- , for models with US equipment or emergency call module only

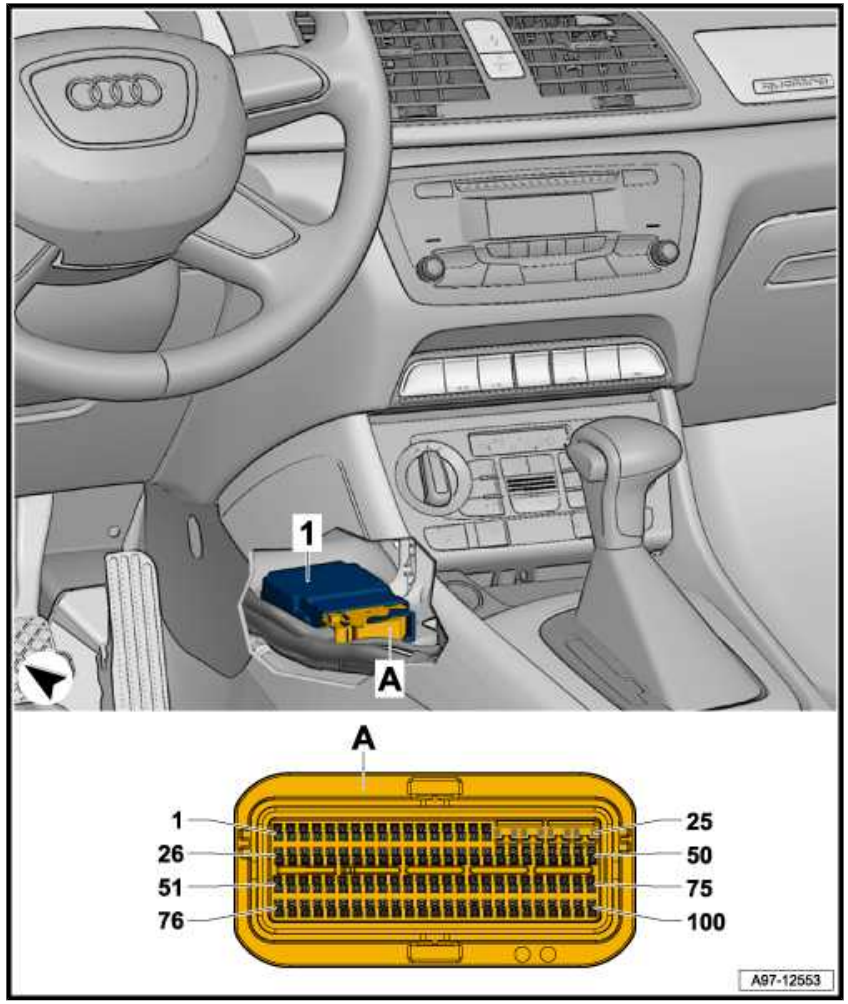
Fitting location:

Behind centre console.

1 - Airbag control unit -J234-

A - 100-pin connector -T100- , yellow

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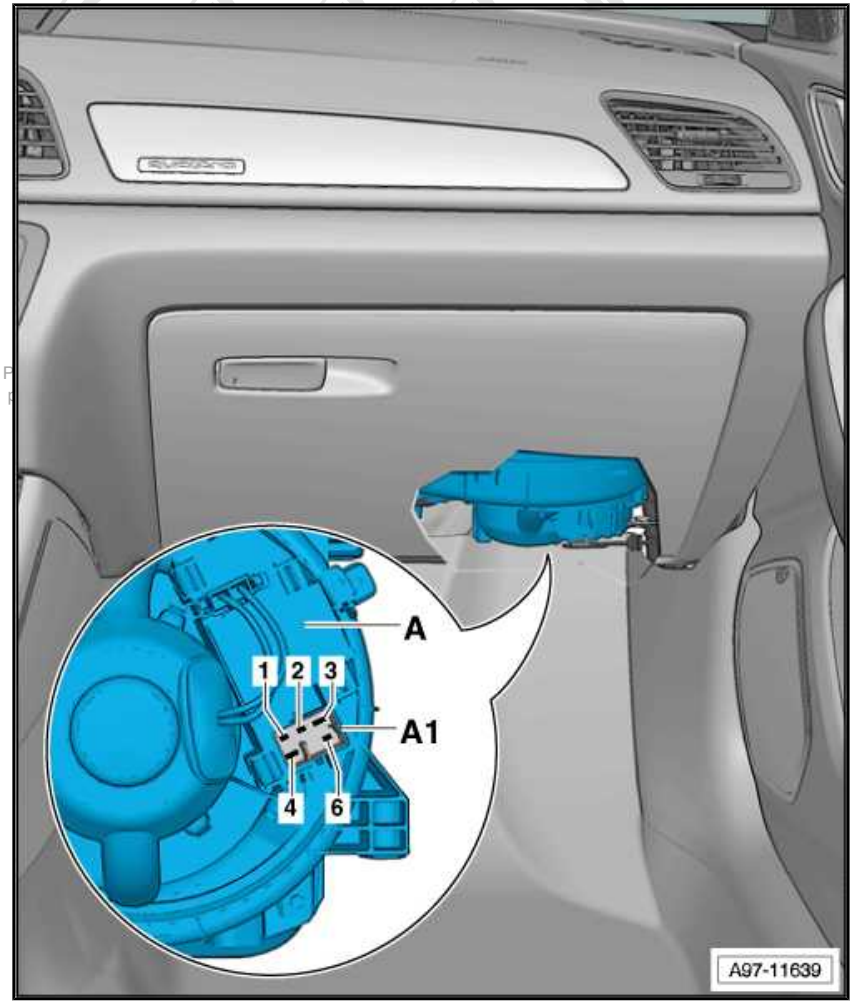
1.13 Fresh air blower control unit -J126-

Fitting location:

Behind glove compartment.

A - Fresh air blower control unit -J126-

A1 - 6-pin connector -T6u- , brown



Back to overview ⇒ page 1

1.14 Control unit in dash panel insert -J285-

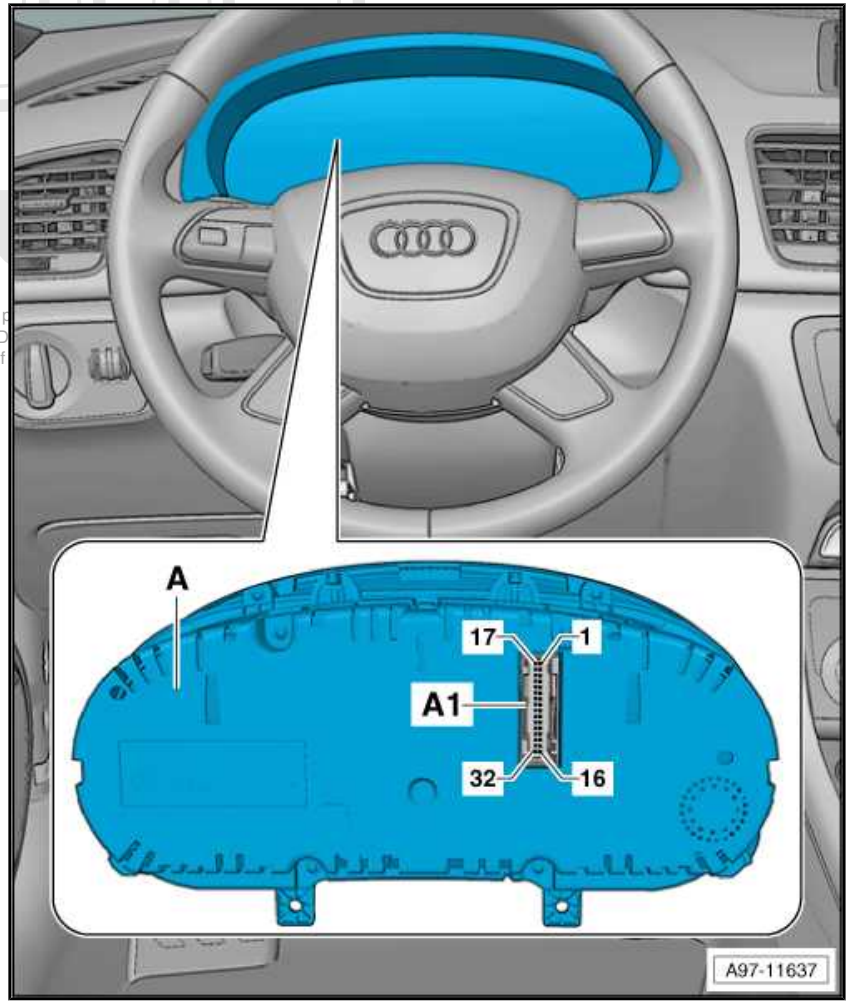
Fitting location:

In the dash panel.

A - Control unit in dash panel insert -J285-

A1 - 32-pin connector -T32- , blue

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1.15 Air conditioning system control unit -J301-

Fitting location:

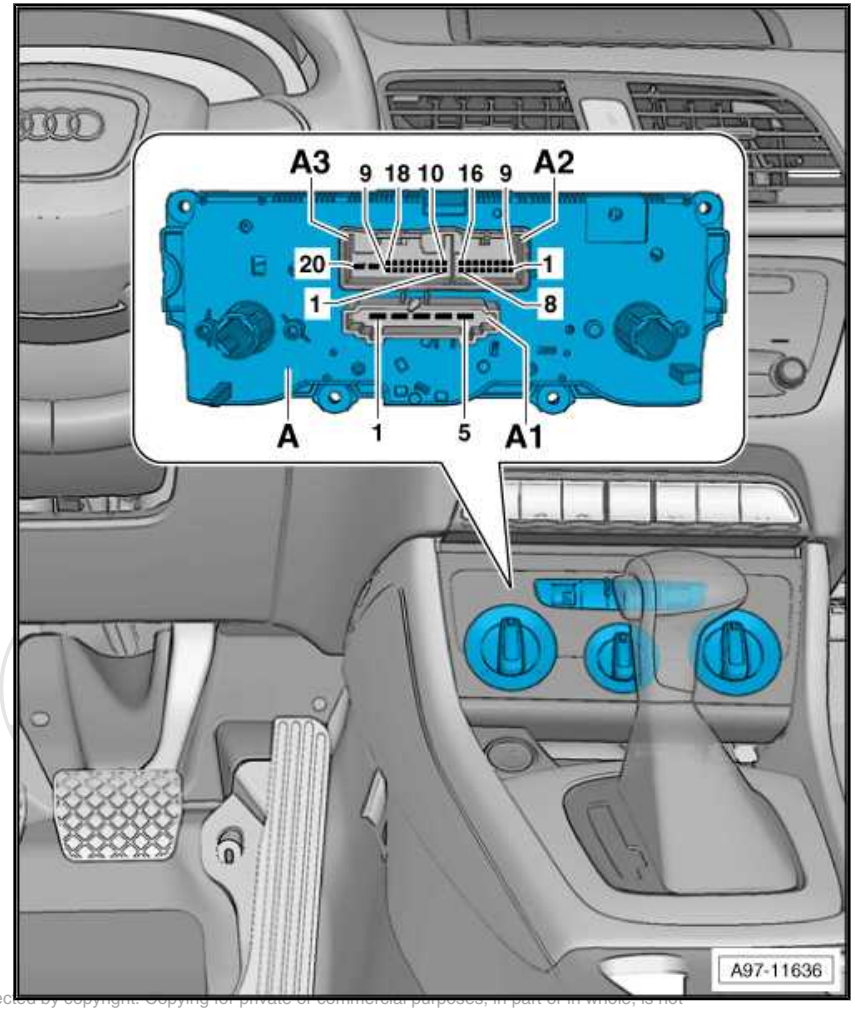
In centre of dash panel.

A - Air conditioning system control unit -J301-

A1 - 5-pin connector -T5e- , black

A2 - 16-pin connector -T16o- , black

A3 - 20-pin connector -T20b- , black



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Back to overview ⇒ page 1 .

1.16 Data bus diagnostic interface -J533-

Fitting location:

Behind dash panel on left.

A - Data bus diagnostic interface -J533-

- ❑ for models with MOST bus only

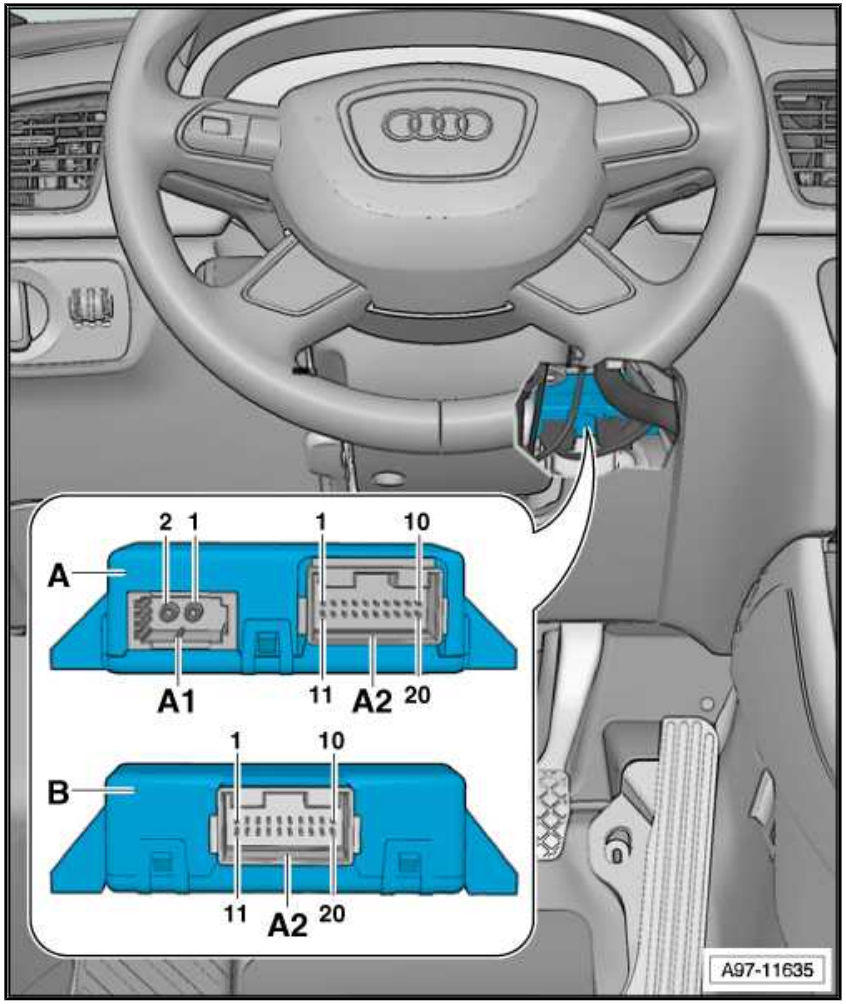
A1 - 2-pin connector -T2dl- , black

- ❑ for models with MOST bus only

A2 - 20-pin connector -T20- , red

B - Data bus diagnostic interface -J533-

- ❑ for models without MOST bus only



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1.17 Onboard supply control unit -J519-

Fitting location:

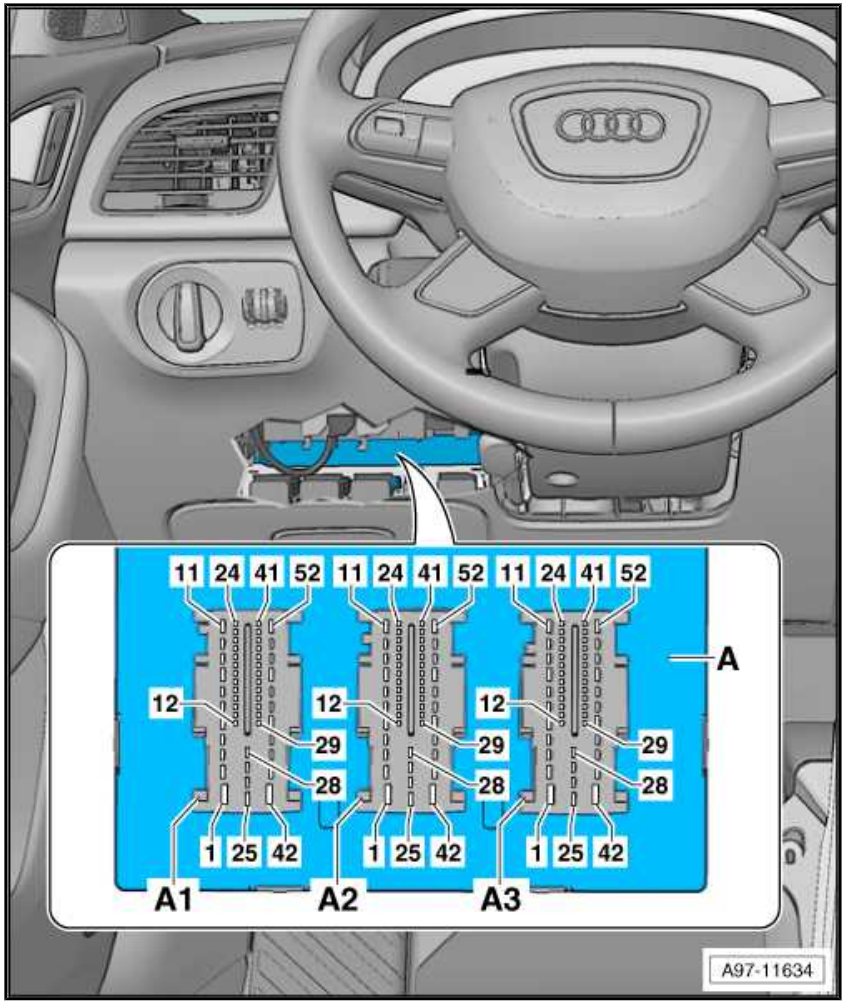
Behind dash panel on left.

A - Onboard supply control unit -J519-

A1 - 52-pin connector -T52a- , black

A2 - 52-pin connector -T52b- , natural

A3 - 52-pin connector -T52c- , brown



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1.18 Climatronic control unit -J255-

Fitting location:

In centre of dash panel.

A - Climatronic control unit -J255-

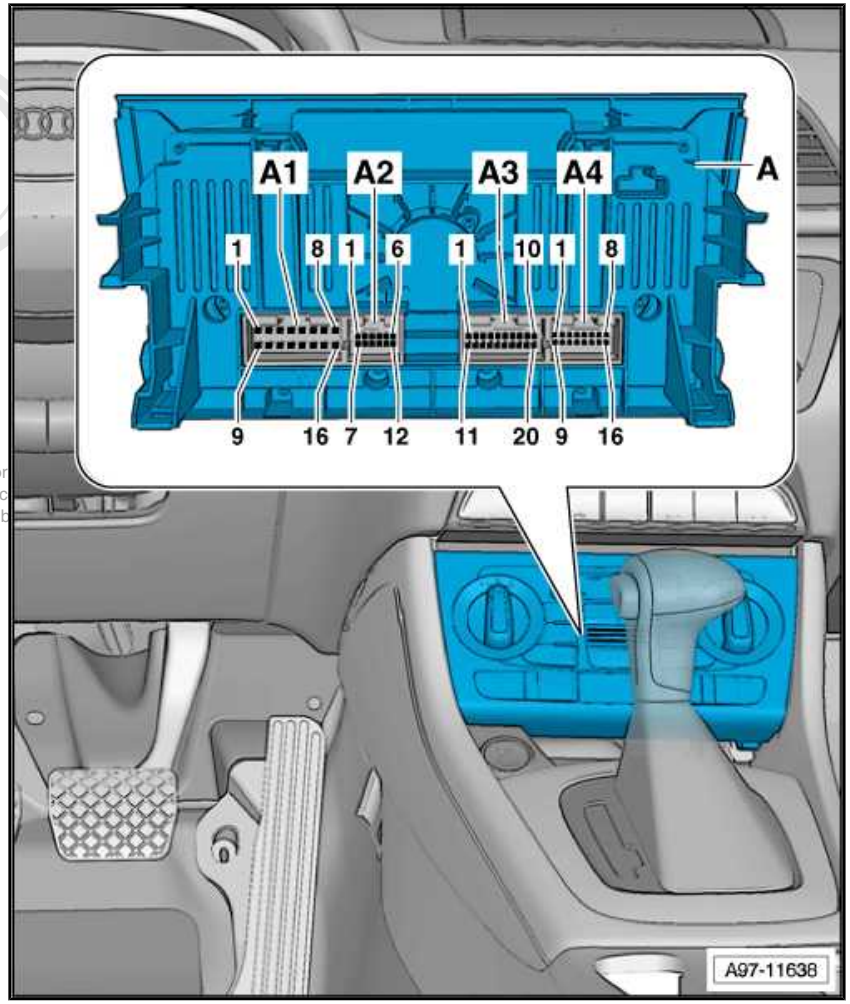
A1 - 16-pin connector -T16n- , black

A2 - 12-pin connector -T12j- , black

A3 - 20-pin connector -T20j- , red

A4 - 16-pin connector -T16m- , black

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1.19 Headlight range control unit -J431- / control unit for cornering light and headlight range -J745-

Fitting location:

Behind glove compartment.

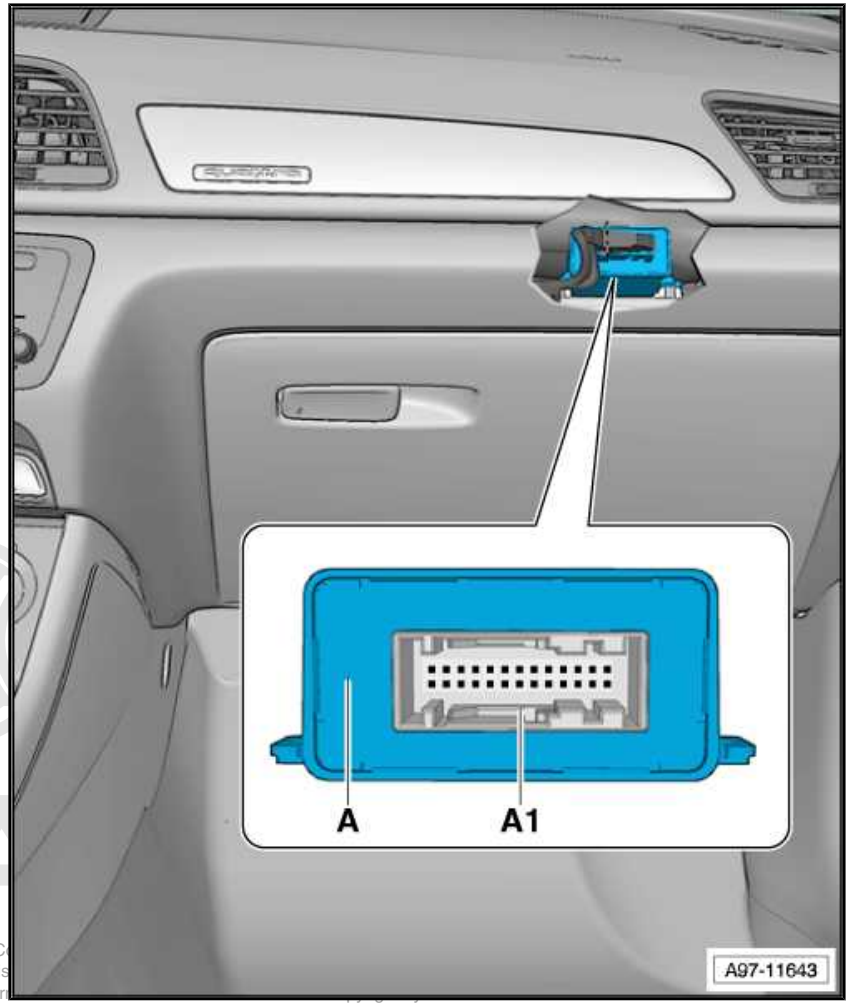
A - Headlight range control unit -J431- / control unit for cornering light and headlight range -J745-

A1 - 26-pin connector -T26a- , black

- ❑ for models without cornering light only

A1 - 26-pin connector -T26b- , black

- ❑ for models with cornering light only



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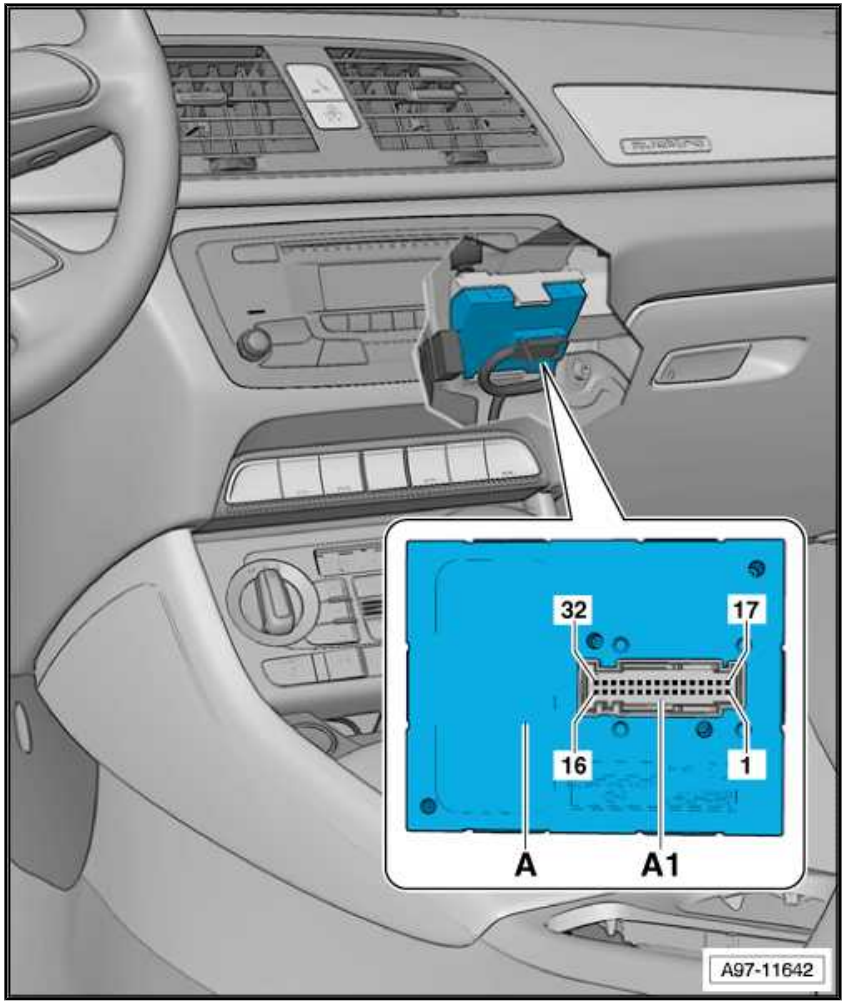
1.20 Entry and start authorisation control unit -J518-

Fitting location:

Below the dash panel.

A - Entry and start authorisation control unit -J518-

A1 - 32-pin connector -T32a- , blue



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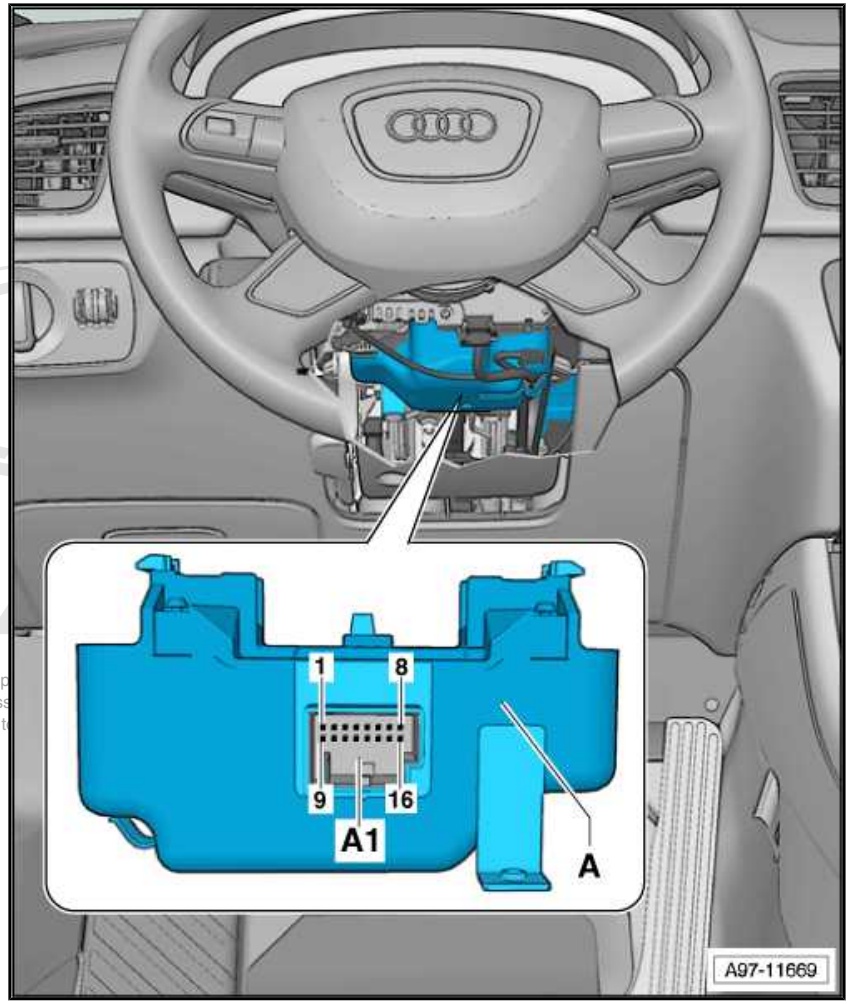
1.21 Control unit for electronic steering column lock -J764-

Fitting location:

On steering column.

A - Control unit for electronic steering column lock -J764-

A1 - 16-pin connector -T16k- , black



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Back to overview ⇒ page 1 .

1.22 Electronically controlled damping control unit -J250-

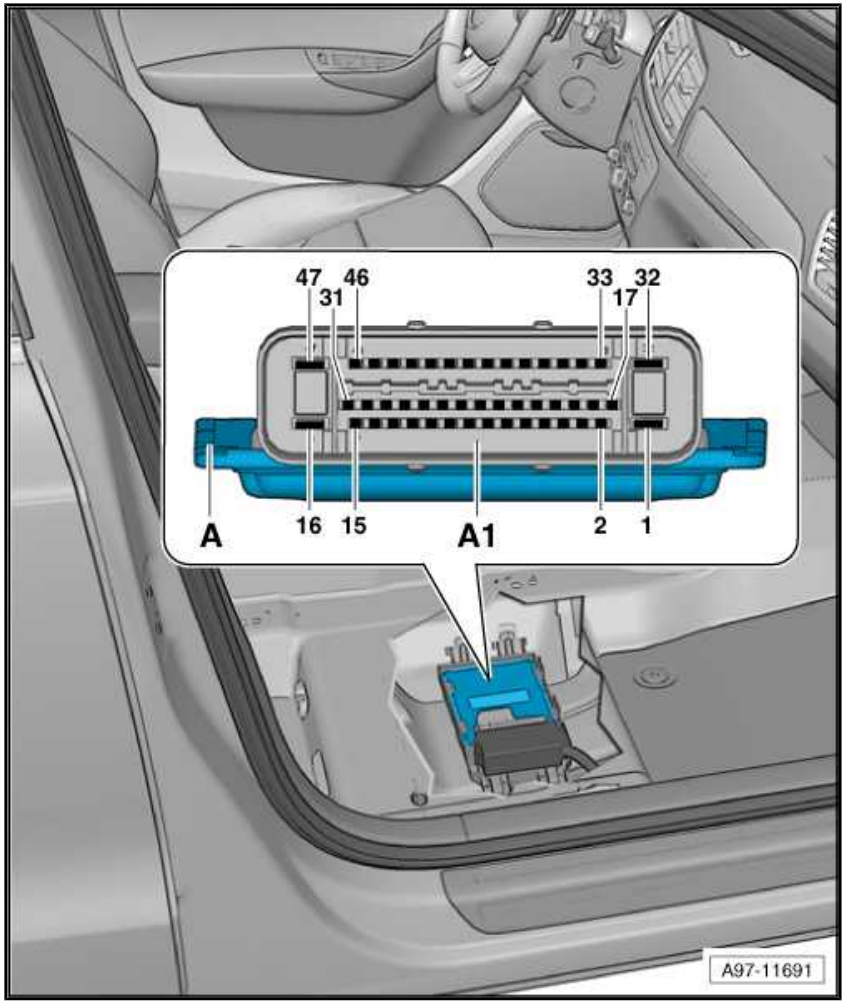
Fitting location:

Under front passenger seat.

A - Electronically controlled damping control unit -J250-

A1 - 47-pin connector -T47a- , black

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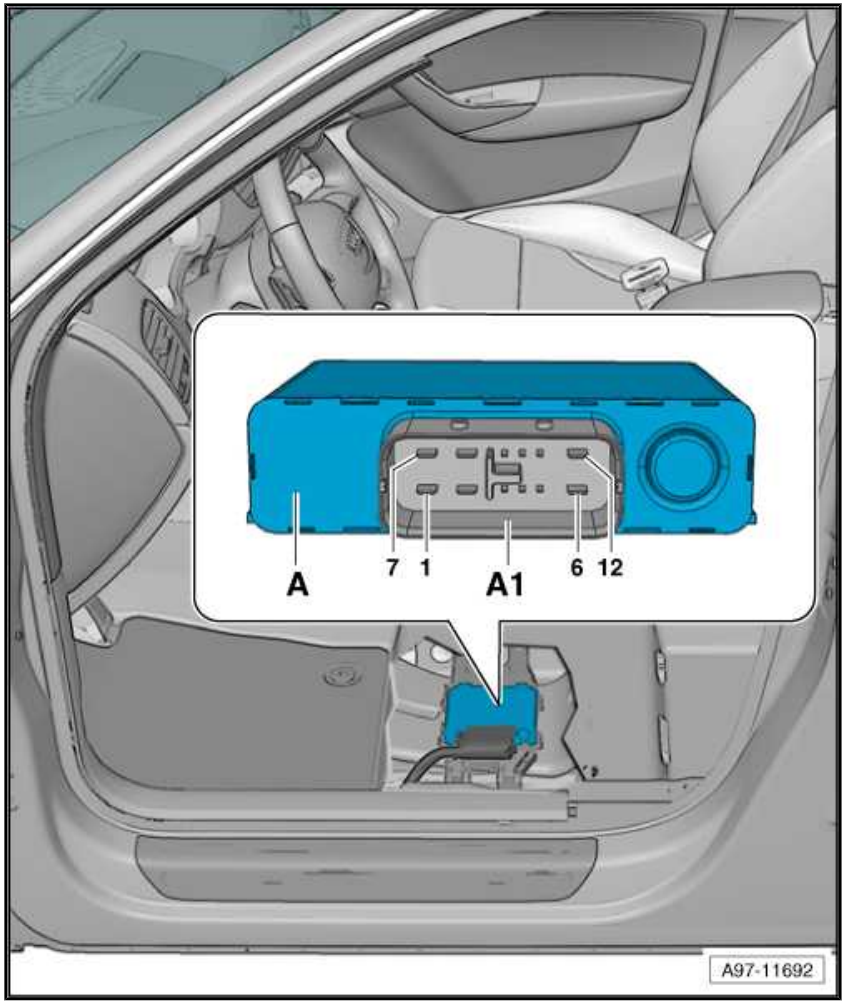
1.23 Voltage stabiliser -J532-

Fitting location:

Under driver seat.

A - Voltage stabiliser -J532-

A1 - 12-pin connector -T12d- , black



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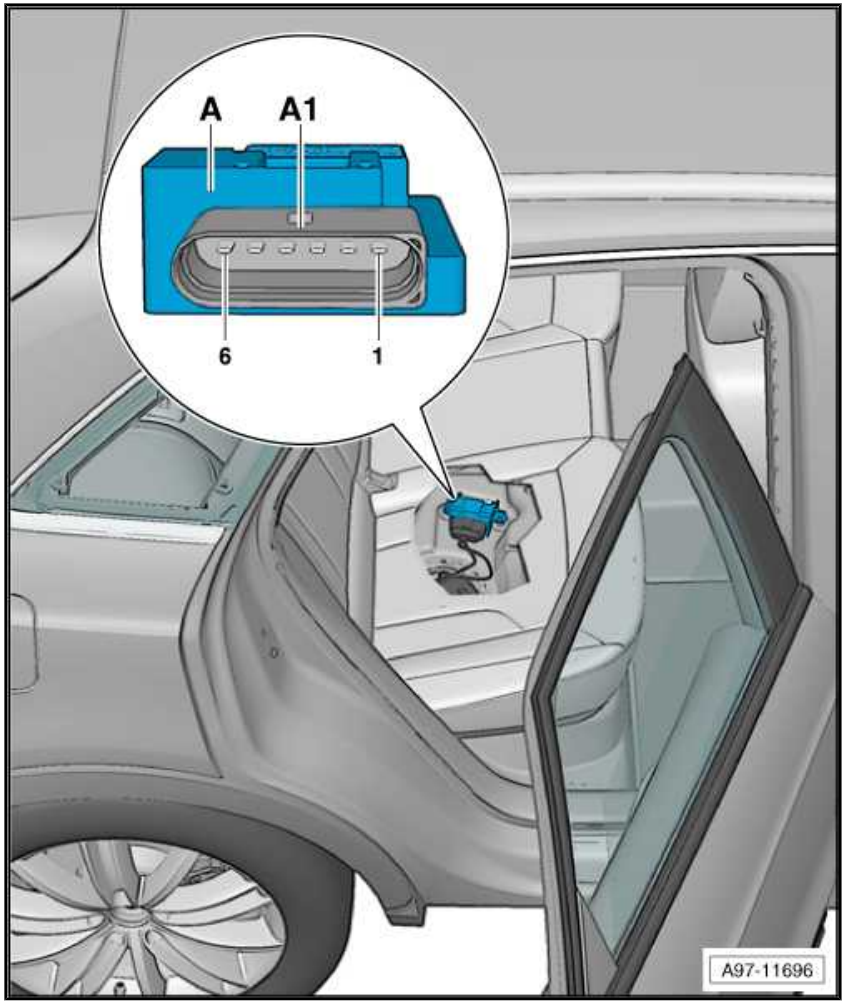
1.24 Fuel pump control unit -J538- (diesel engine)

Fitting location:

Under rear seat bench.

A - Fuel pump control unit -J538-

A1 - 6-pin connector -T6e- , black



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1.25 Fuel pump control unit -J538- (petrol engine)

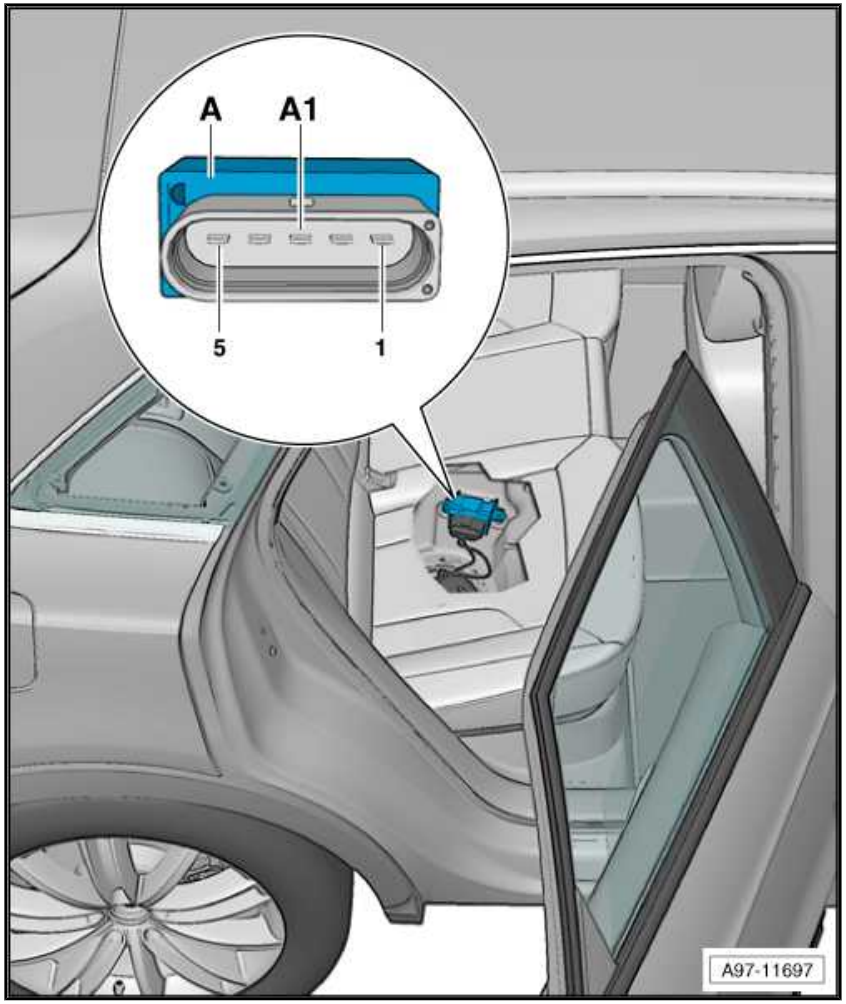
Fitting location:

Under rear seat bench.

A - Fuel pump control unit -J538-

A1 - 5-pin connector -T5c- , black

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1.26 Internet access control unit -J666-

Fitting location:

In glove compartment.

A - Internet access control unit -J666-

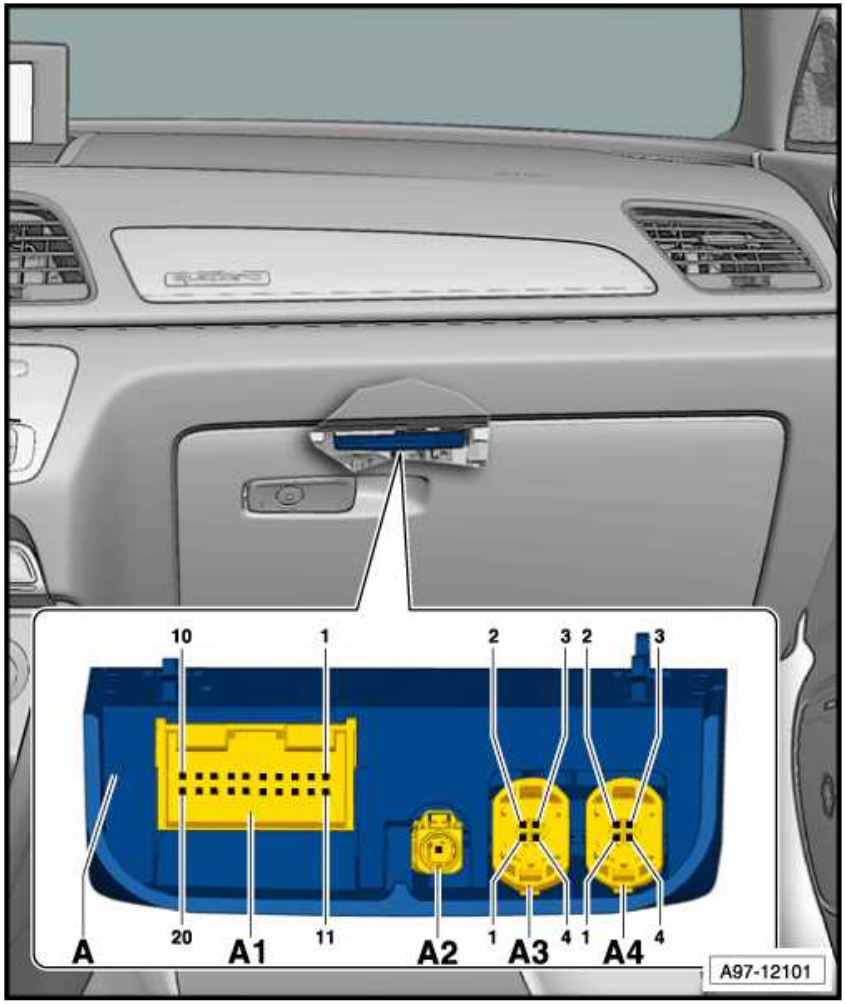
A1 - 20-pin connector -T20g- , black

A2 - 2-pin connector -T2af- , beige

A3 - 4-pin connector -T4o- , black

A4 - 4-pin connector -T4n- , leaf green

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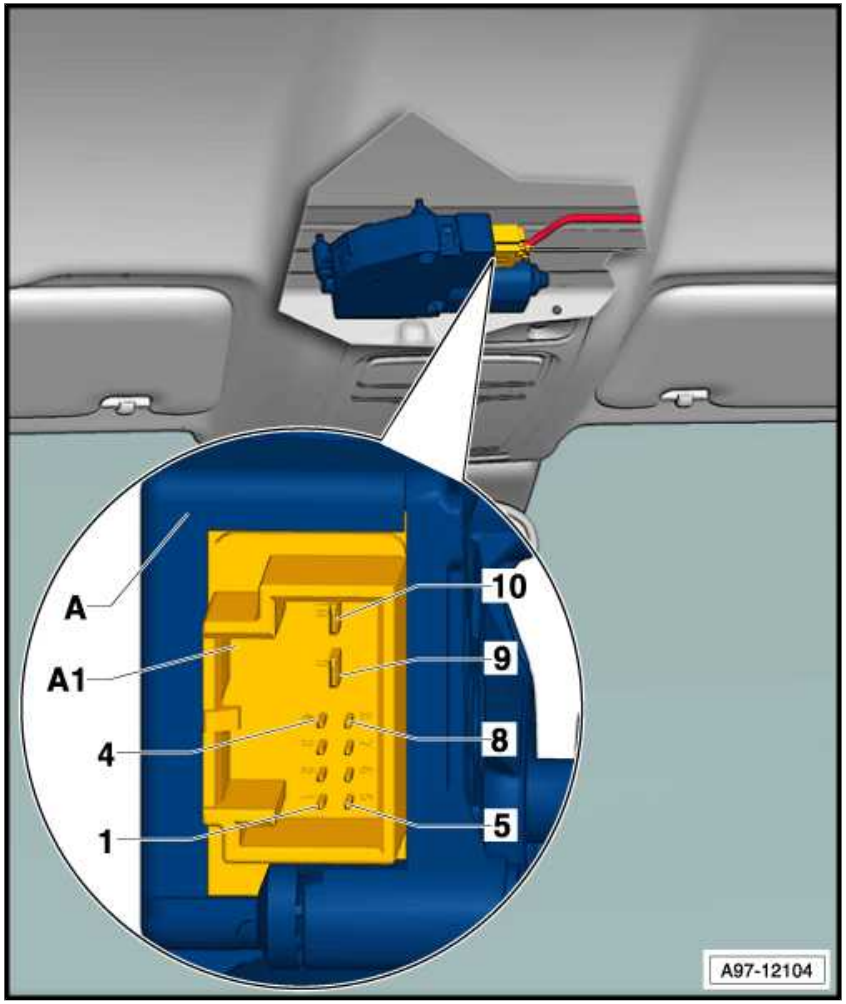
1.27 Sliding sunroof adjustment control unit -J245-

Fitting location:

On front sunroof motor.

A - Sliding sunroof adjustment control unit -J245-

A1 - 10-pin connector -T10m- , black



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Back to overview ⇒ page 1 .

1.28 Sunroof roller blind control unit -J394-

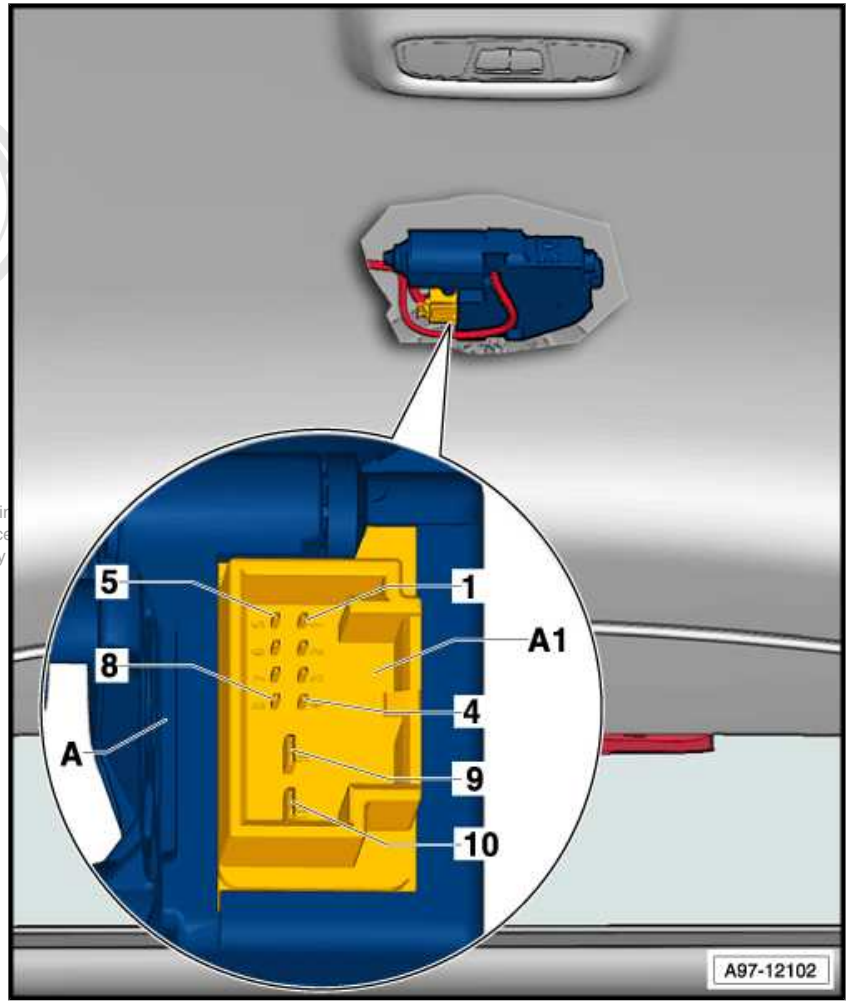
Fitting location:

On sunroof roller blind motor.

A - Sunroof roller blind control unit -J394-

A1 - 10-pin connector -T10n- , black

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1.29 Display unit for front information display and operating unit control unit -J685-

Fitting location:

Dash panel - centre.

1 - Display unit for front information display and operating unit control unit -J685-

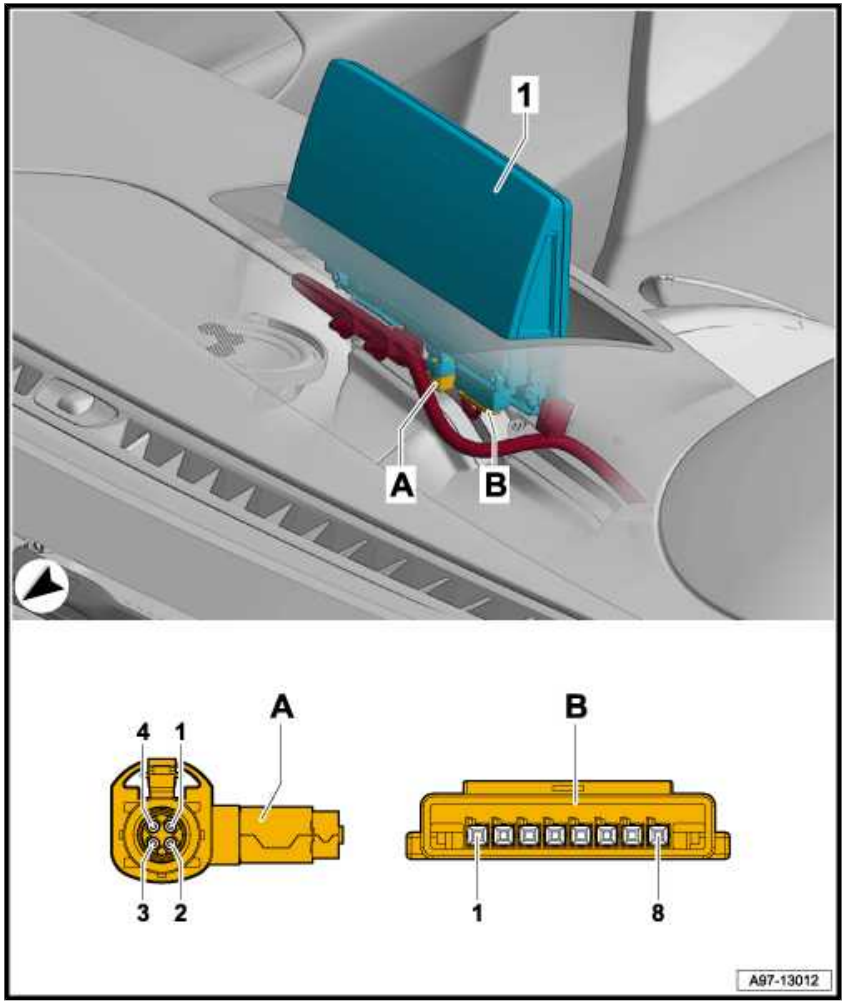
A - 4-pin connector -T4c- , white

- ❑ Only models with radio concert

A - 4-pin connector -T4ao- , black

- ❑ for models with MMI only

B - 8-pin connector -T8ai- , black



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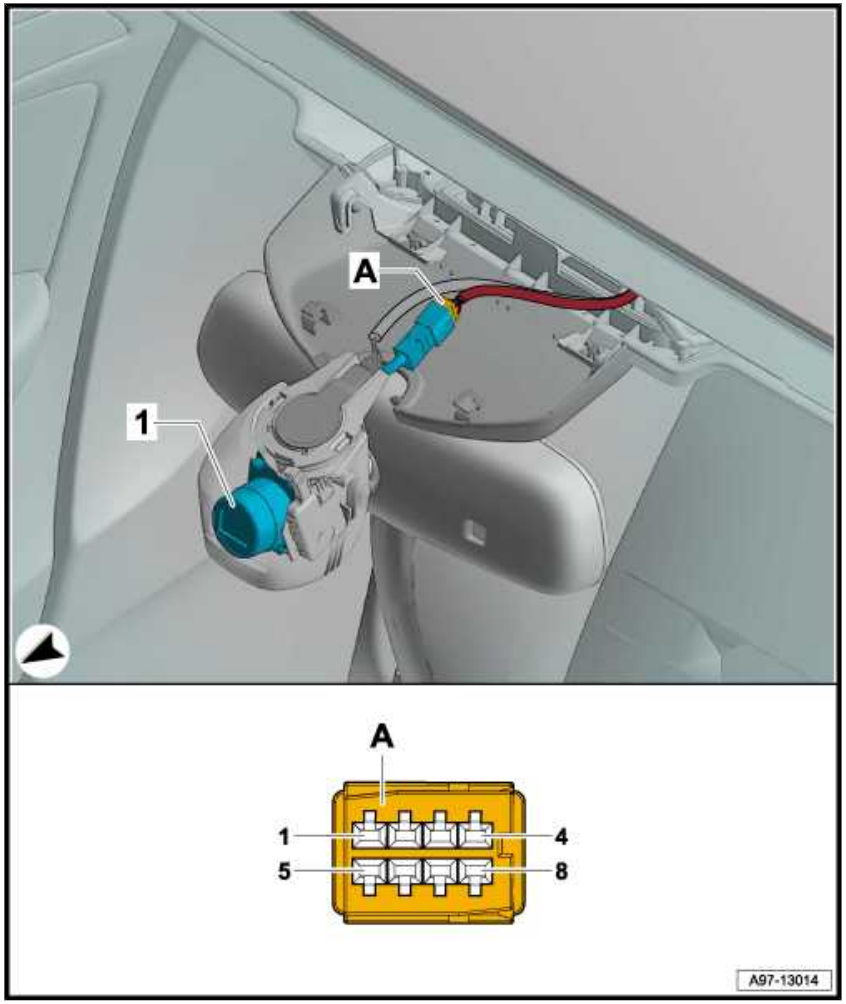
1.30 Main beam assist control unit -J844-

Fitting location:

On interior mirror.

1 - Main beam assist control unit -J844-

A - 8-pin connector -T8ad- , black



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Back to overview ⇒ page 1

1.31 Selector lever sensors control unit -J587-

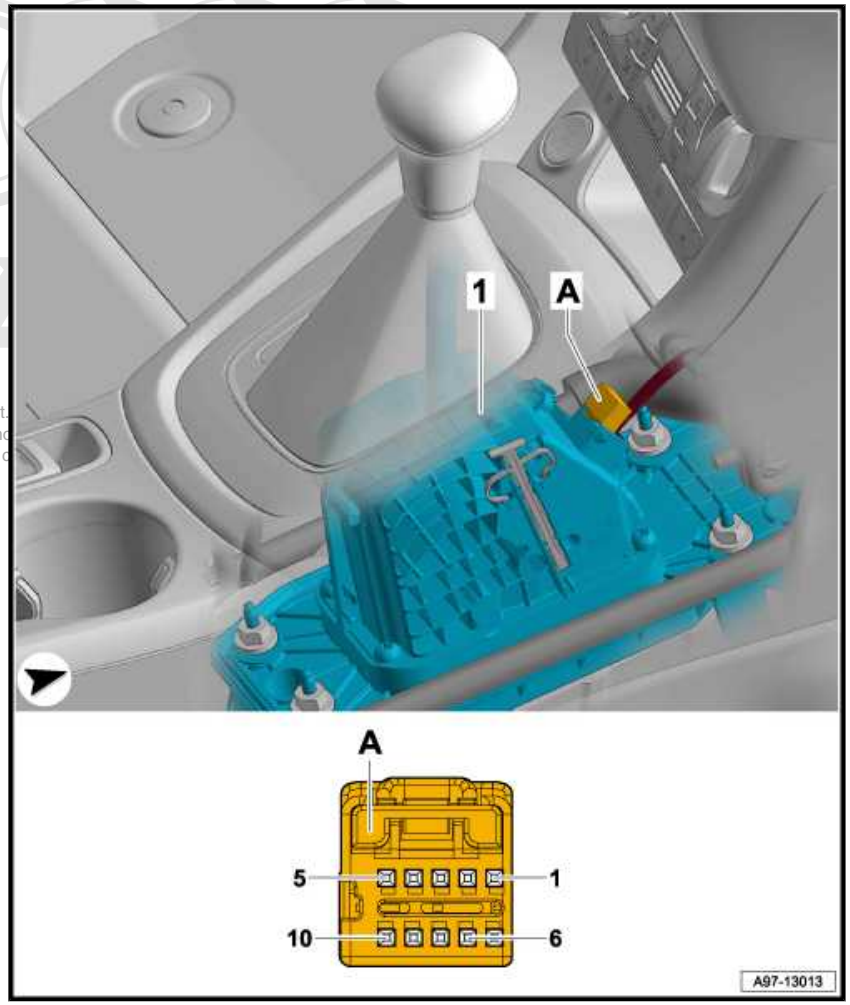
Fitting location:

On selector lever bracket

1 - Selector lever sensors control unit -J587-

A - 10-pin connector -T10j- , black

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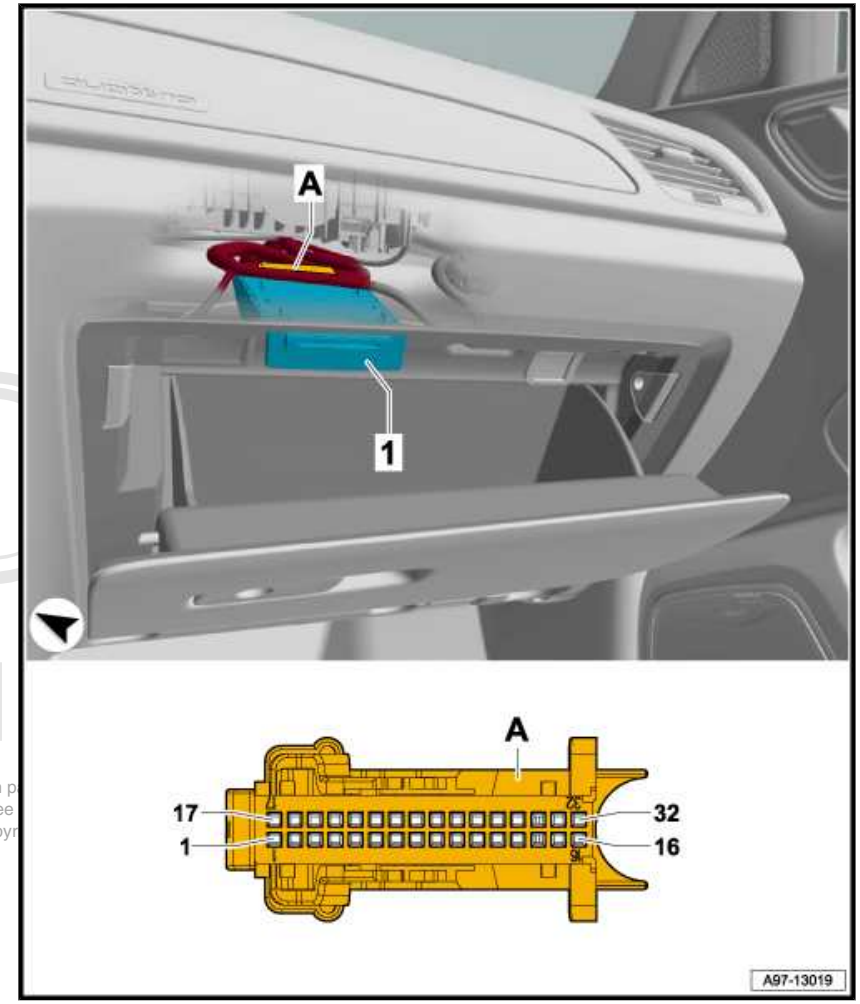
1.32 Chip card reader control unit -J676-

Fitting location:

In glove compartment.

1 - Chip card reader control unit -J676-

A - 32-pin connector -T32ja- , black



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1.33 Emergency call module control unit and communication unit -J949-

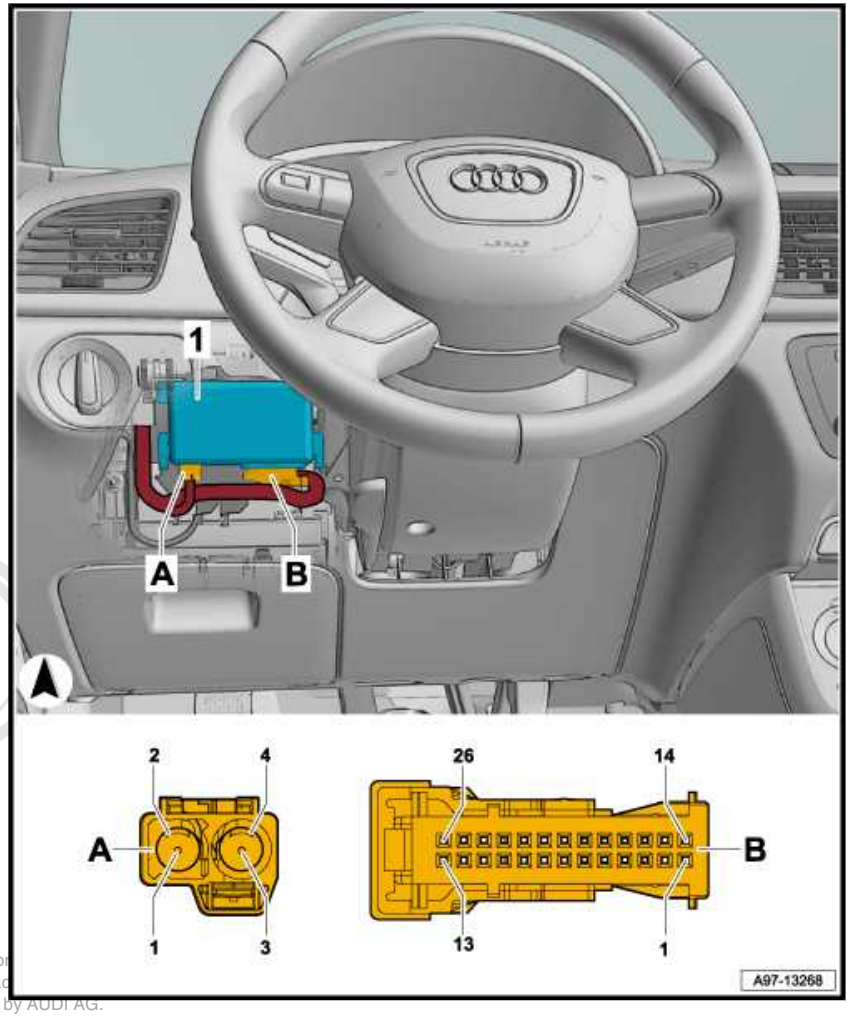
Fitting location:

Behind dash panel on left.

1 - Emergency call module control unit and communication unit -J949-

A - 4-pin connector, -T4cx- , violet

B - 26-pin connector -T26d- , black



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1.34 Control unit 1 for information electronics -J794-

Fitting location:

Dash panel - centre.

1 - Control unit 1 for information electronics -J794-

A - 2-pin connector -T2x- , blue

B - 2-pin connector -T2w- , violet

C - 4-pin connector -T4u- , yellow

D - 4-pin connector -T4al- , grey/blue

E - 2-pin connector -T2z- , green

F - 8-pin connector -T8ao-, black

G - 8-pin connector -T8ah- , brown

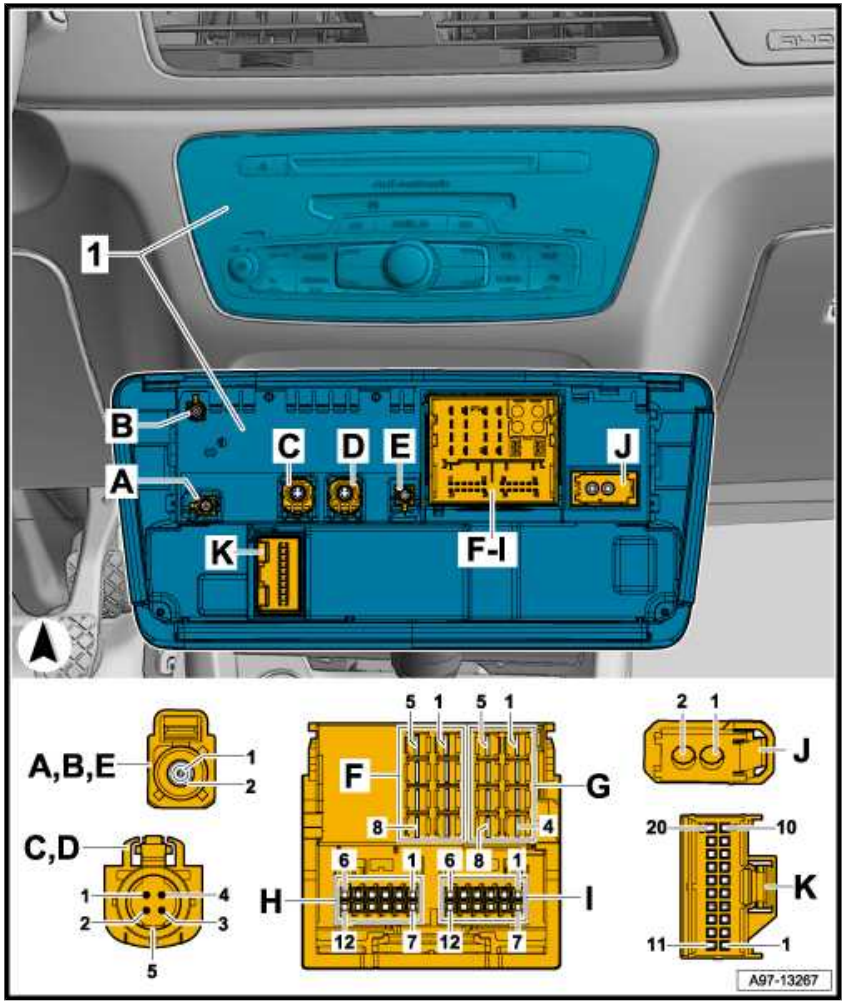
H - 12-pin connector -T12k- , green

I - 12-pin connector -T12x- , blue

J - 2-pin connector -T2di- , black

K - 20-pin connector -T20k- , black

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Back to overview ⇒ page 1 .

1 Control units in rear part of vehicle

1.1 Overview of control units in rear part of vehicle

1 - Control unit for reducing-agent heater -J891-
- ❑ Fitting location and connectors: ⇒ page 17

2 - Aerial amplifier for mobile telephone -R86-
- ❑ Fitting location and connectors: ⇒ page 8

3 - Trailer detector control unit -J345-
- ❑ Fitting location and connectors: ⇒ page 10

4 - Battery monitor control unit -J367-
- ❑ for models with battery in luggage compartment only
- ❑ Fitting location and connectors: ⇒ page 14

5 - Lane change assist control unit 2 -J770-
- ❑ Fitting location and connectors: ⇒ page 12

6 - Rear lid control unit -J605-
- ❑ Fitting location and connectors: ⇒ page 18

7 - CD changer -R41-
- ❑ Fitting location and connectors: ⇒ page 3

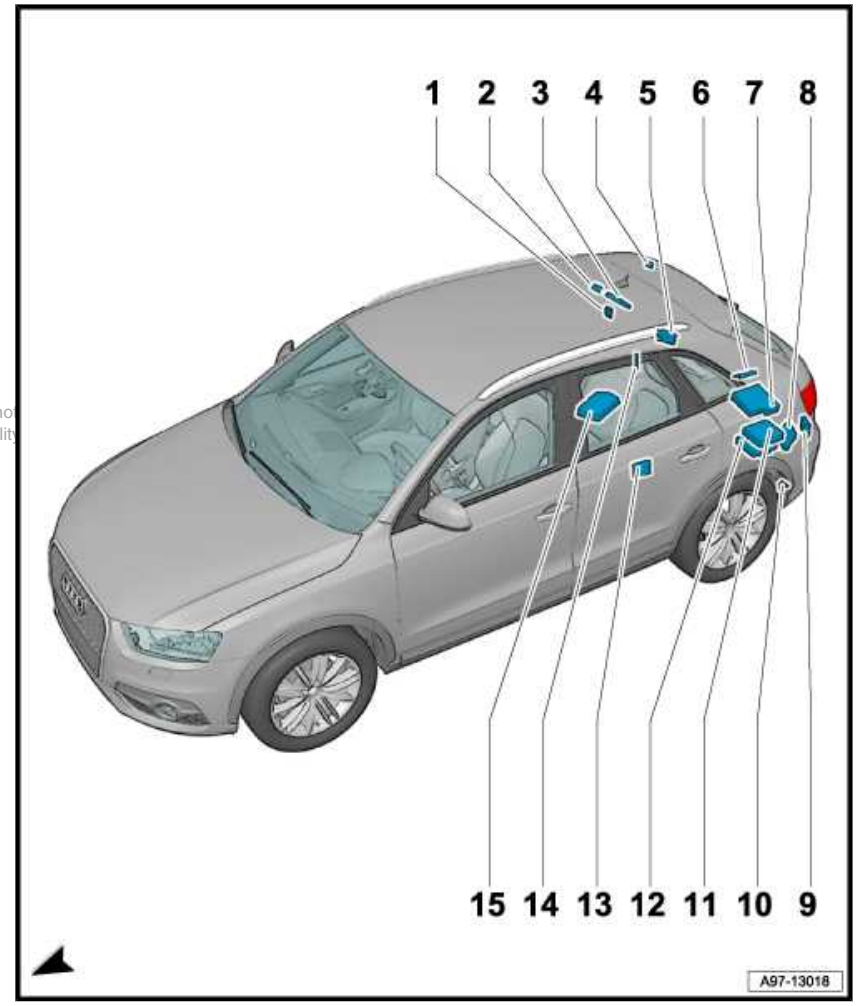
7 - Special vehicle control unit -J608-
- ❑ Fitting location and connectors: ⇒ page 15

8 - Reversing camera system control unit -J772-
- ❑ Fitting location and connectors: ⇒ page 7

9 - Lane change assist control unit -J769-
- ❑ Fitting location and connectors: ⇒ page 11

10 - Radio controlled clock receiver -J489-
- ❑ Fitting location and connectors: ⇒ page 19

11 - TV tuner -R78-
- ❑ Location and connectors with hybrid tuner: ⇒ page 5
- ❑ Location and connectors with digital tuner: ⇒ page 6



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12 - Radio -R-

- ❑ for models with MMI only
- ❑ Fitting location and connectors: ⇒ page 4

13 - All-wheel drive control unit -J492-

- ❑ Fitting location and connectors: ⇒ page 16

14 - Parking aid control unit -J446-

- ❑ Fitting location and connectors: ⇒ page 9

14 - Park assist steering control unit -J791-

- ❑ Fitting location and connectors: ⇒ page 9

15 - Digital sound package control unit -J525-

- ❑ Fitting location and connectors: ⇒ page 13

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1.2 CD changer -R41-

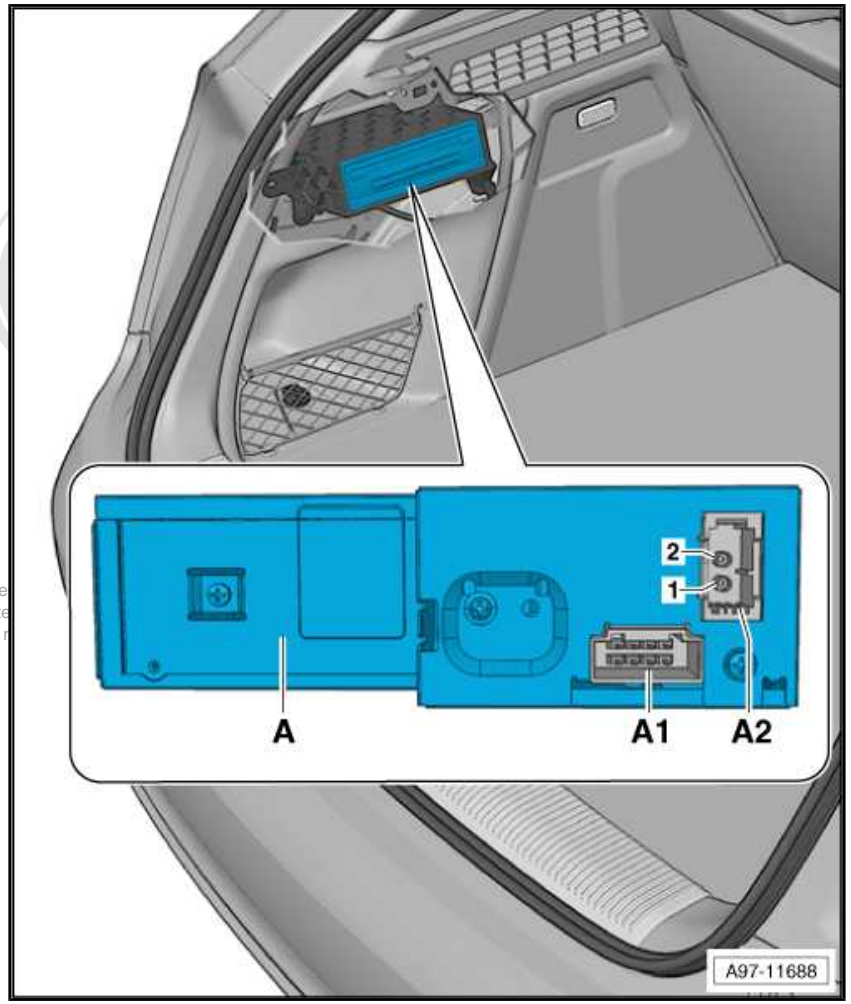
Fitting location:

behind left side trim in luggage compartment.

A - CD changer -R41-

A1 - 8-pin connector -T8aa- , black

A2 - 2-pin connector -T2dm- , black



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Back to overview ⇒ page 1 .

1.3 Radio -R- (MMI)

Fitting location:

behind left side trim in luggage compartment.

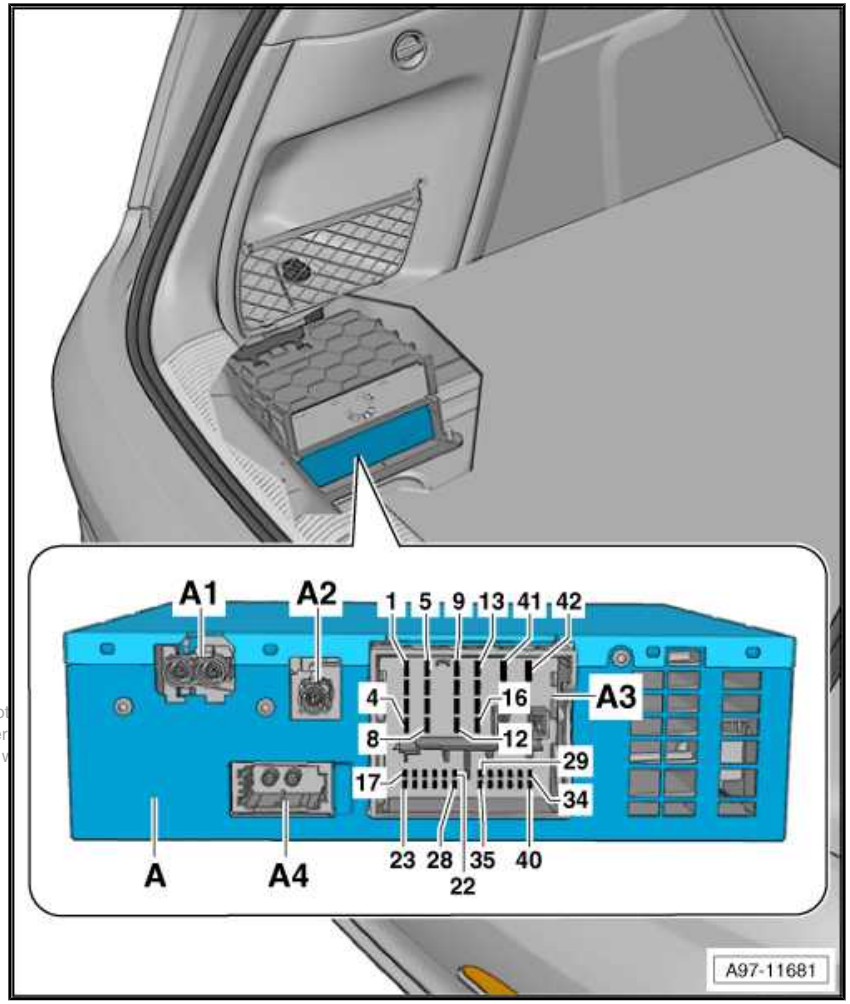
A - Radio -R-

A1 - 4-pin connector -T4v- , cream white

A2 - 2-pin connector -T2y- , black

A3 - Terminal block (-T10ag- , -T8af-)

A4 - 2-pin connector -T2dh- , black



Back to overview ⇒ page 1 .

1.4 TV tuner -R78- (hybrid tuner)

Fitting location:

behind left side trim in luggage compartment.

A - TV tuner -R78-

A1 - 4-pin connector -T4y- , nut brown

A2 - 4-pin connector -T2aa- , leaf green

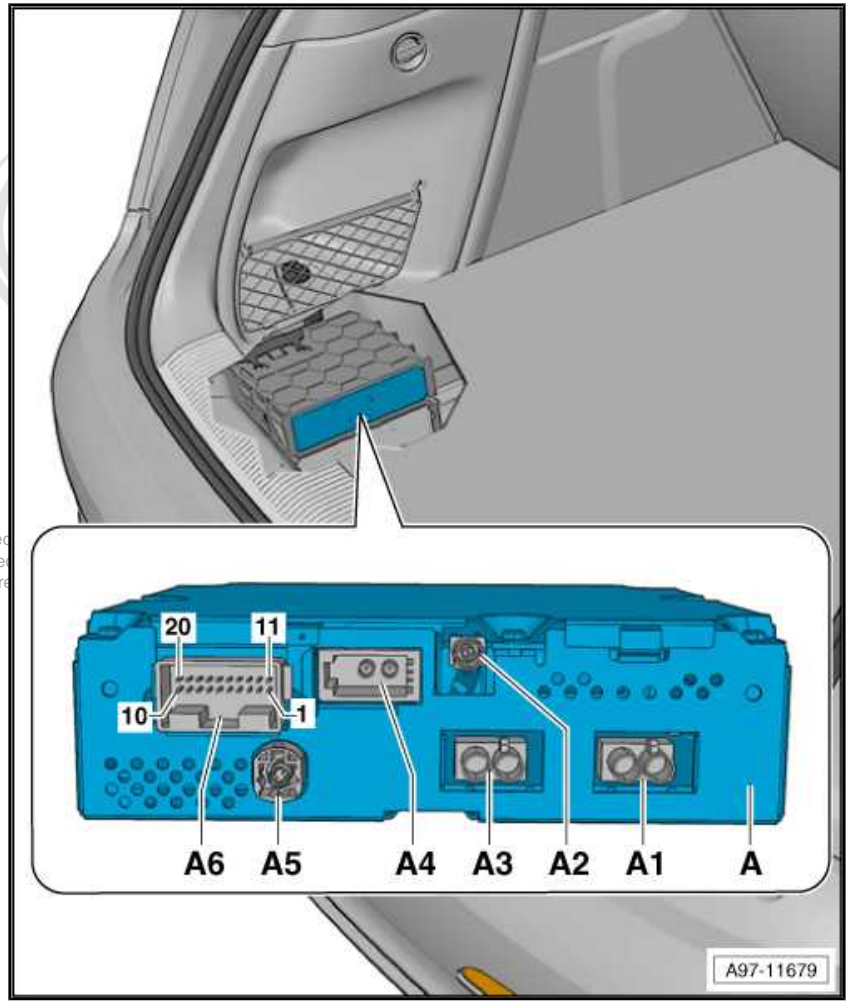
A3 - 4-pin connector -T4aa- , leaf green

A4 - 2-pin connector -T2do- , black

A5 - 4-pin connector -T4ah- , nut brown

- ❑ for models with Japan equipment only

A6 - 20-pin connector -T20l- , black



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Back to overview ⇒ page 1 .

1.5 TV tuner -R78- (digital tuner)

Fitting location:

behind left side trim in luggage compartment.

A - TV tuner -R78-

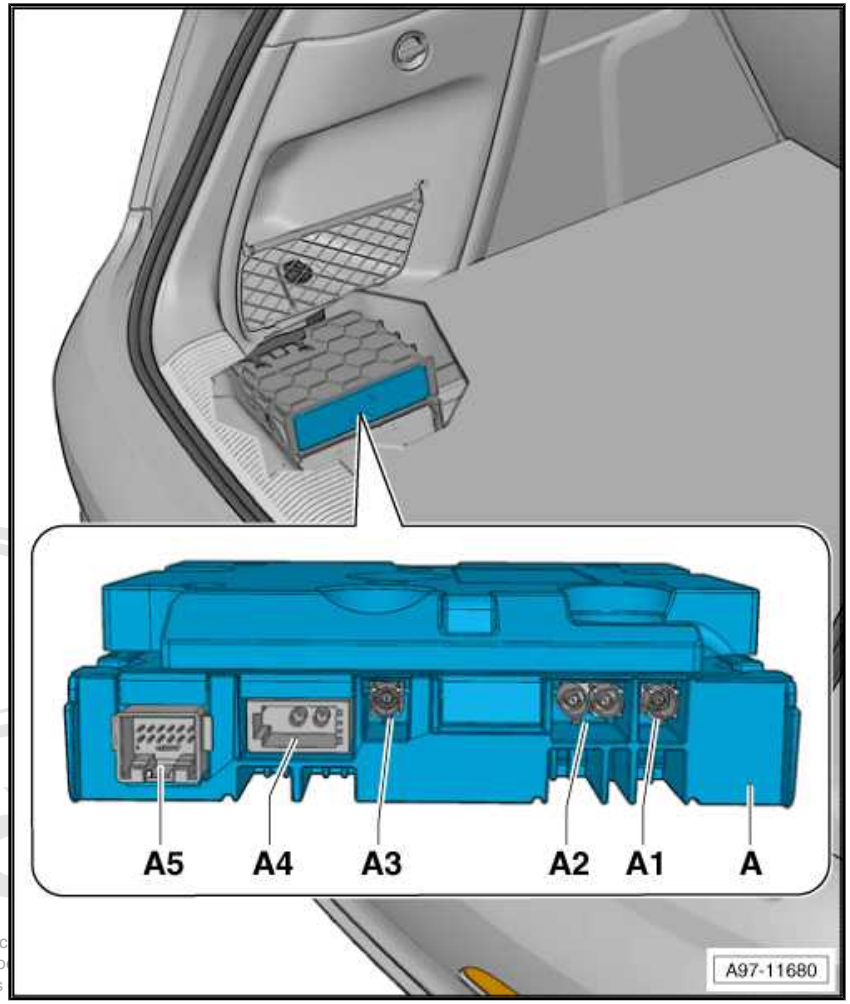
A1 - 2-pin connector -T2ab- , nut brown

A2 - 4-pin connector -T4ab- , leaf green

A3 - 2-pin connector -T2aa- , leaf green

A4 - 2-pin connector -T2do- , black

A5 - 12-pin connector -T12aa- , black



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with respect to the correctness of information in this

Back to overview ⇒ page 1 .

1.6 Reversing camera system control unit -J772-

Fitting location:

behind left side trim in luggage compartment.

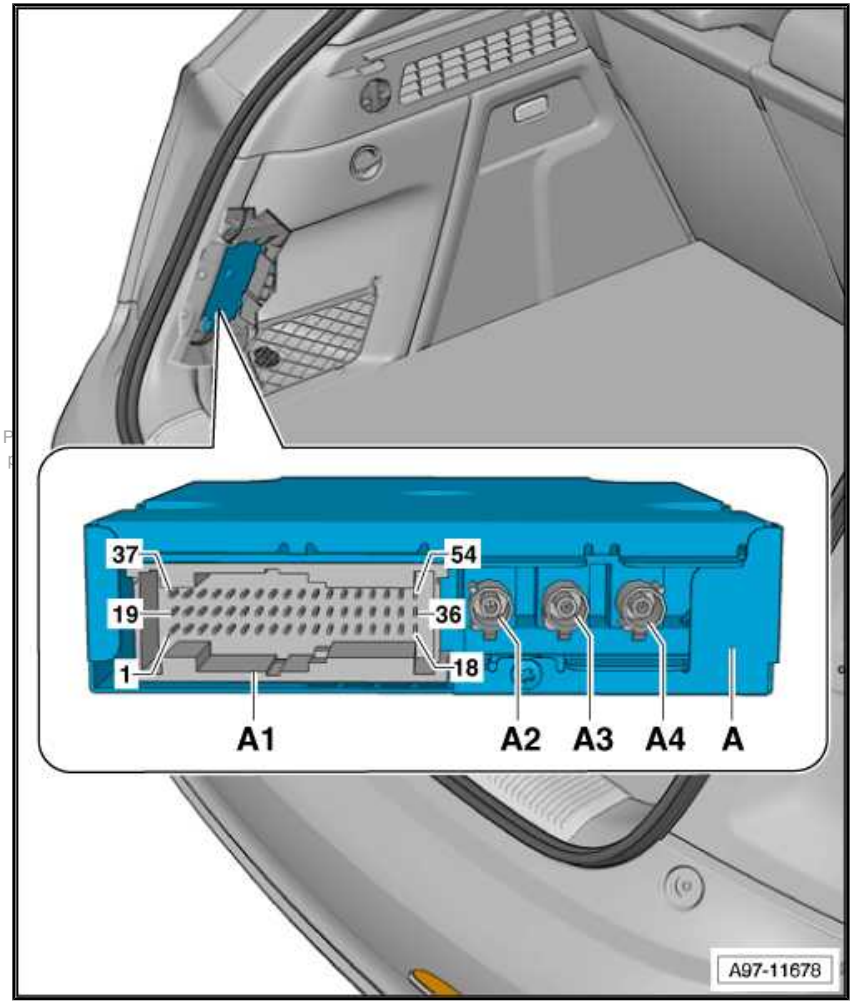
A - Reversing camera system control unit -J772-

A1 - 54-pin connector -T54a- , light blue

A2 - not assigned

A3 - 2-pin connector -T2df- , leaf green

A4 - 2-pin connector -T2v- , blue-grey



Back to overview ⇒ page 1 .

1.7 Aerial amplifier for mobile telephone -R86-

Fitting location:

behind right side trim in luggage compartment.

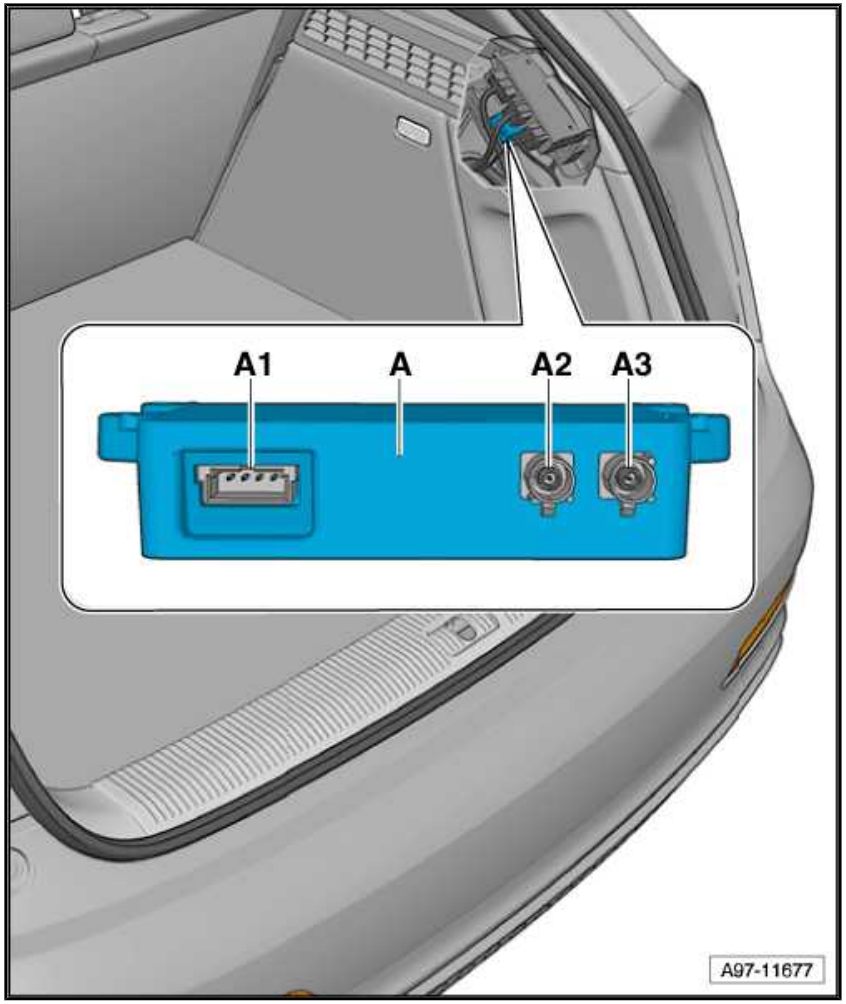
A - Aerial amplifier for mobile telephone -R86-

A1 - 4-pin connector -T4ak- , black

A2 - 2-pin connector -T2m- , black

A3 - 2-pin connector -T2n- , Bordeaux violet

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Back to overview ⇒ page 1 .

1.8 Parking aid control unit -J446- / park assist steering control unit -J791-

Fitting location:

behind right side trim in luggage compartment.

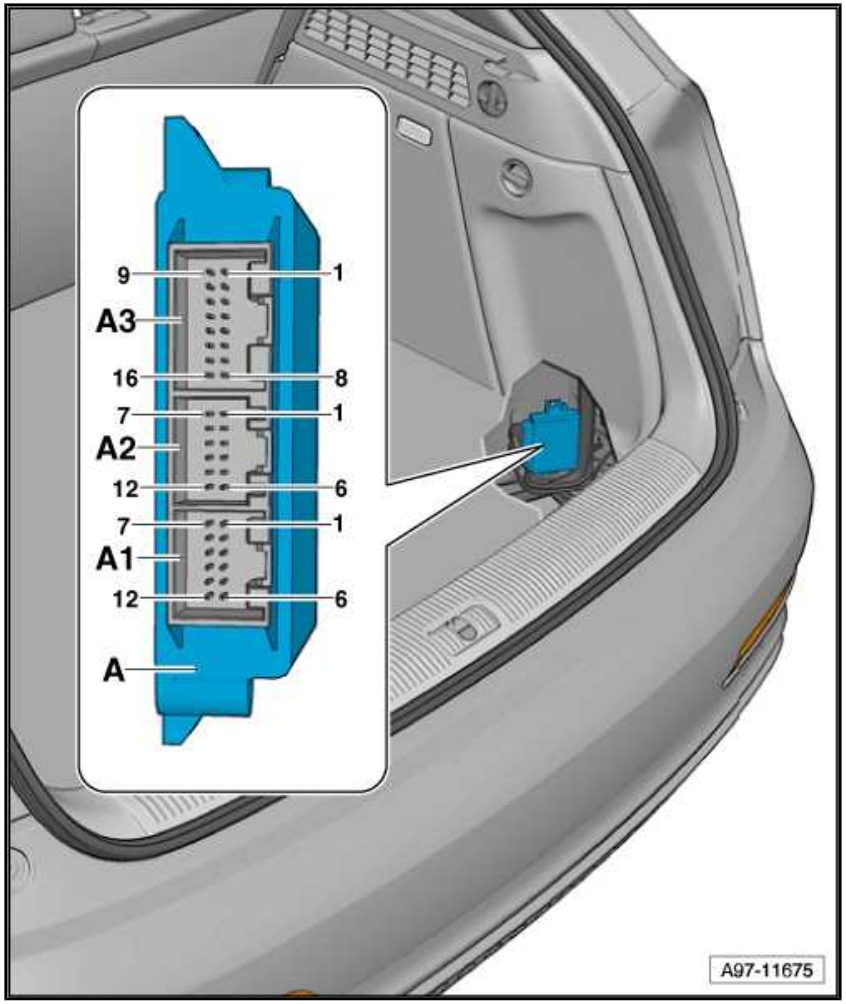
A - Parking aid control unit -J446- / park assist steering control unit -J791-

A1 - 12-pin connector -T12f- , black

A2 - 12-pin connector -T12e- , brown

A3 - 16-pin connector -T16b- , black

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Back to overview ⇒ page 1 .

1.9 Trailer detector control unit -J345-

Fitting location:

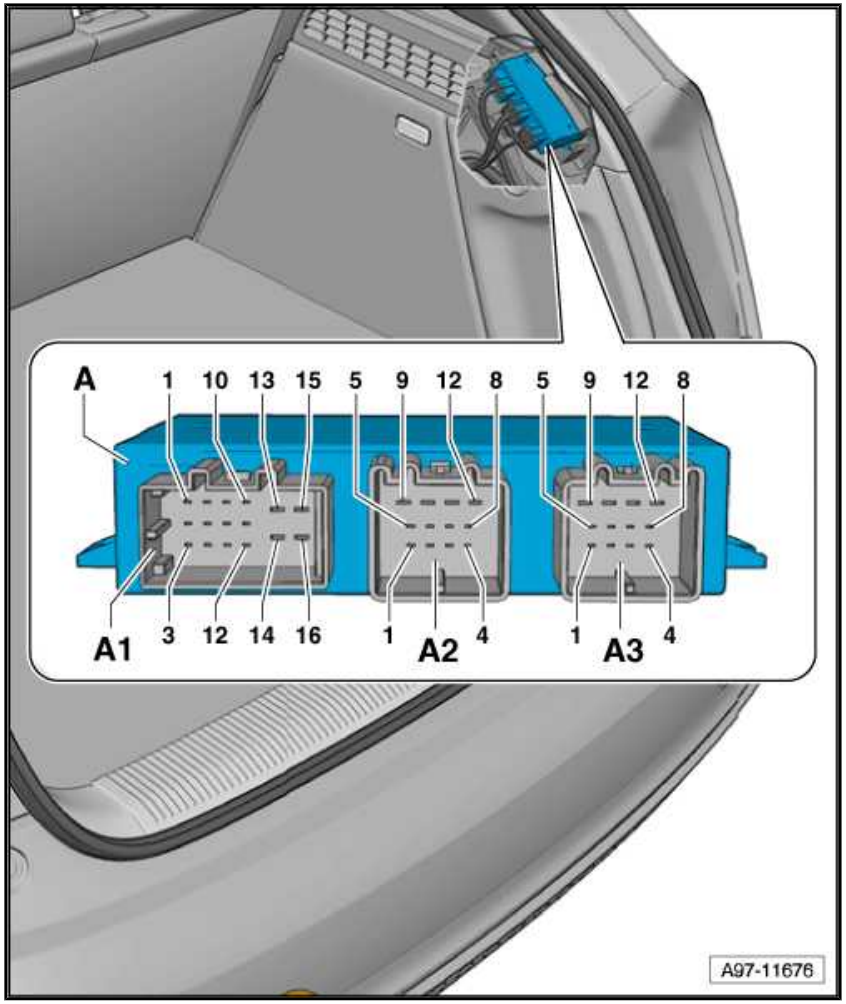
behind right side trim in luggage compartment.

A - Trailer detector control unit -J345-

A1 - 16-pin connector -T16l- , black

A2 - 12-pin connector -T12b- , red

A3 - 12-pin connector -T12c- , blue



Back to overview ⇒ page 1 .

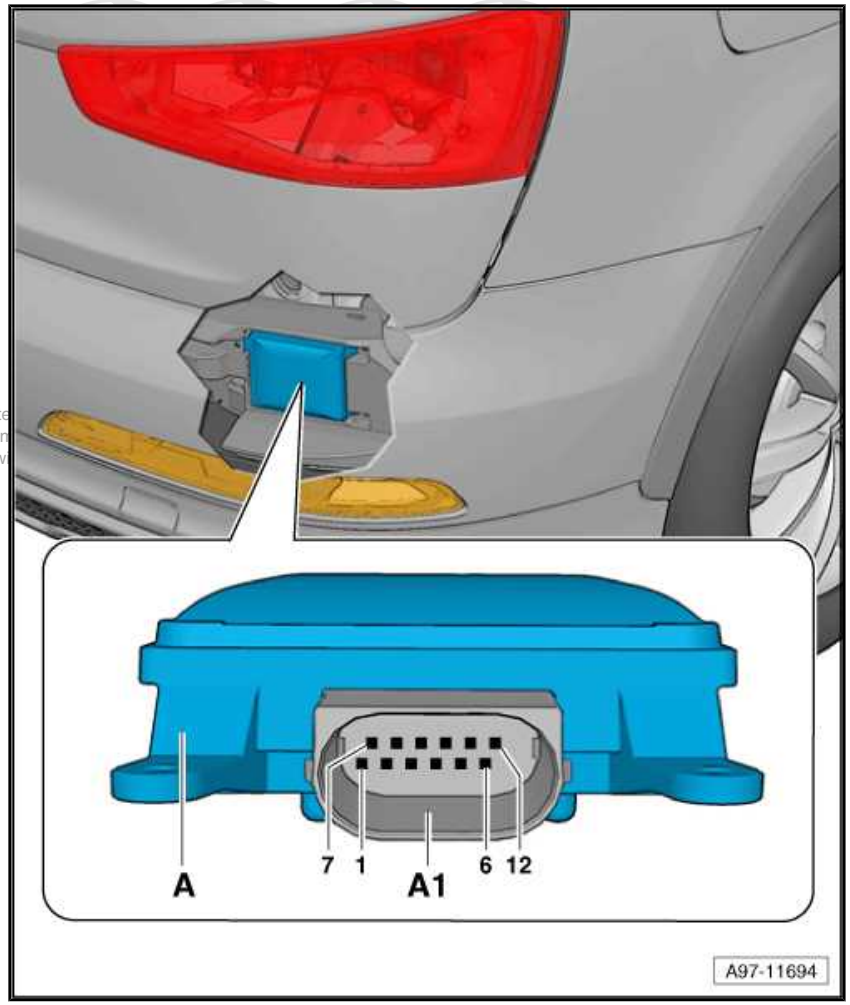
1.10 Lane change assist control unit -J769-

Fitting location:

in rear bumper on right.

A - Lane change assist control unit -J769-

A1 - 12-pin connector -T12g- , black



Back to overview ⇒ page 1 .

1.11 Lane change assist control unit 2 -J770-

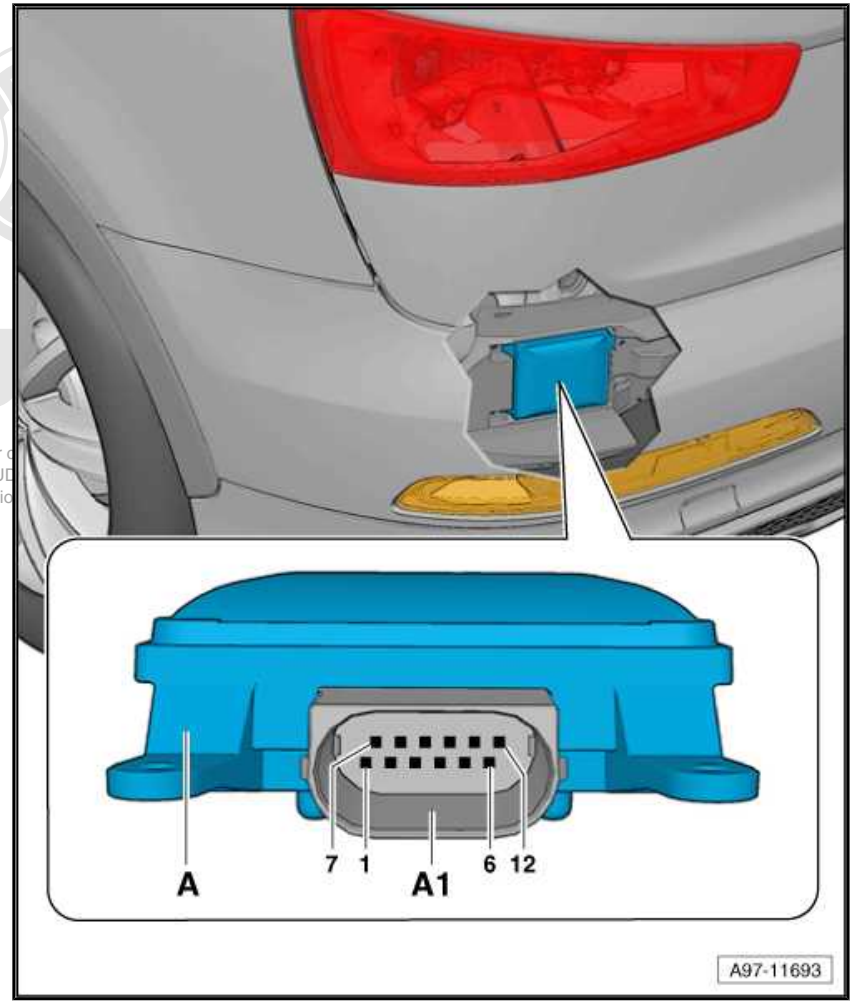
Fitting location:

in rear bumper on left.

A - Lane change assist control unit 2 -J770-

A1 - 12-pin connector -T12h- , black

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Back to overview ⇒ page 1 .

1.12 Digital sound package control unit -J525-

Fitting location:

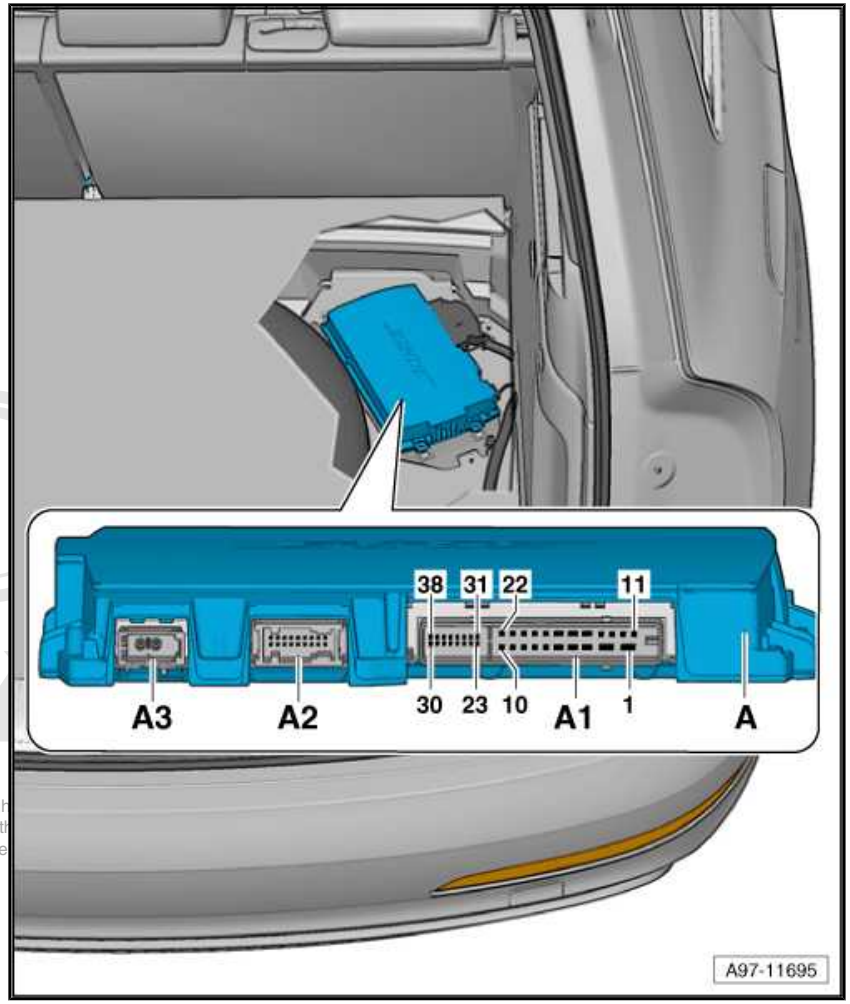
under luggage compartment floor at rear right.

A - Digital sound package control unit -J525-

A1 - 38-pin connector -T38- , black

A2 - not assigned

A3 - 2-pin connector -T2dk- , black



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Back to overview ⇒ page 1 .

1.13 Battery monitor control unit -J367-

Fitting location:

on earth cable battery terminal clamp.

A - Battery monitor control unit -J367-

A1 - 2-pin connector -T2- , black

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Back to overview ⇒ page 1 .

1.14 Special vehicle control unit -J608-

Fitting location:

behind left side trim in luggage compartment.

A - Special vehicle control unit -J608-

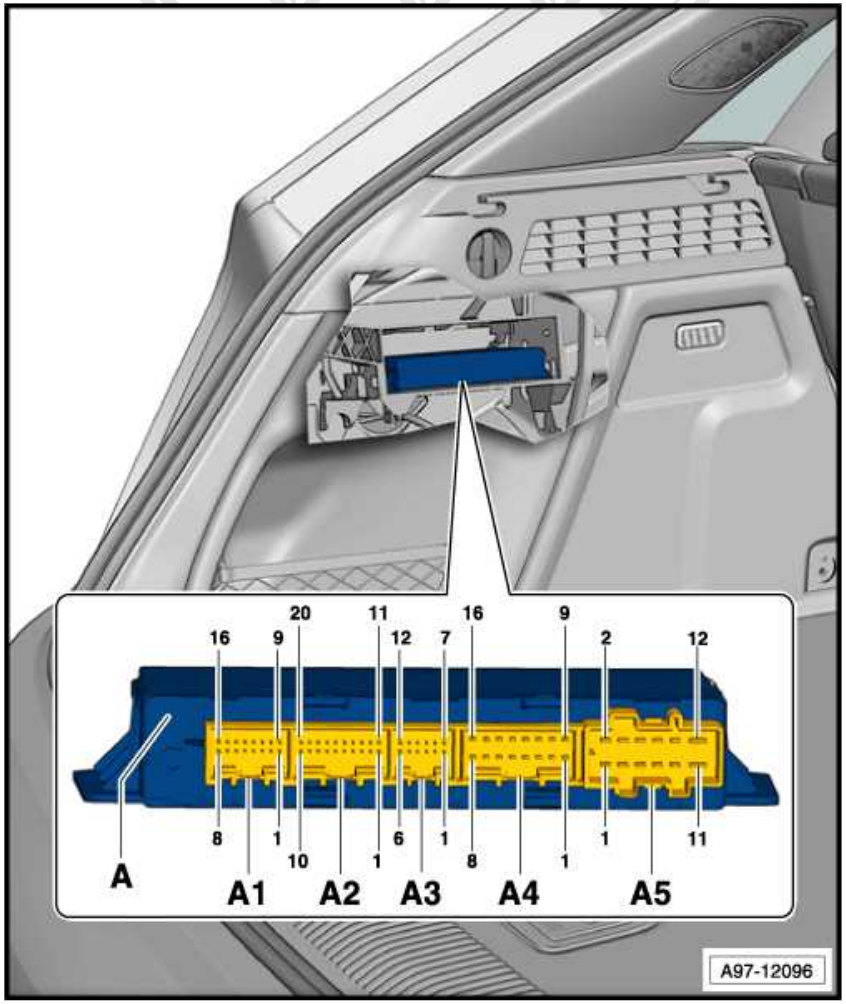
A1 - 16-pin connector -T16t- , brown

A2 - 20-pin connector -T20m- , black

A3 - not assigned

A4 - not assigned

A5 - 12-pin connector -T12ai- , black



Back to overview ⇒ page 1 .

1.15 All-wheel drive control unit -J492-

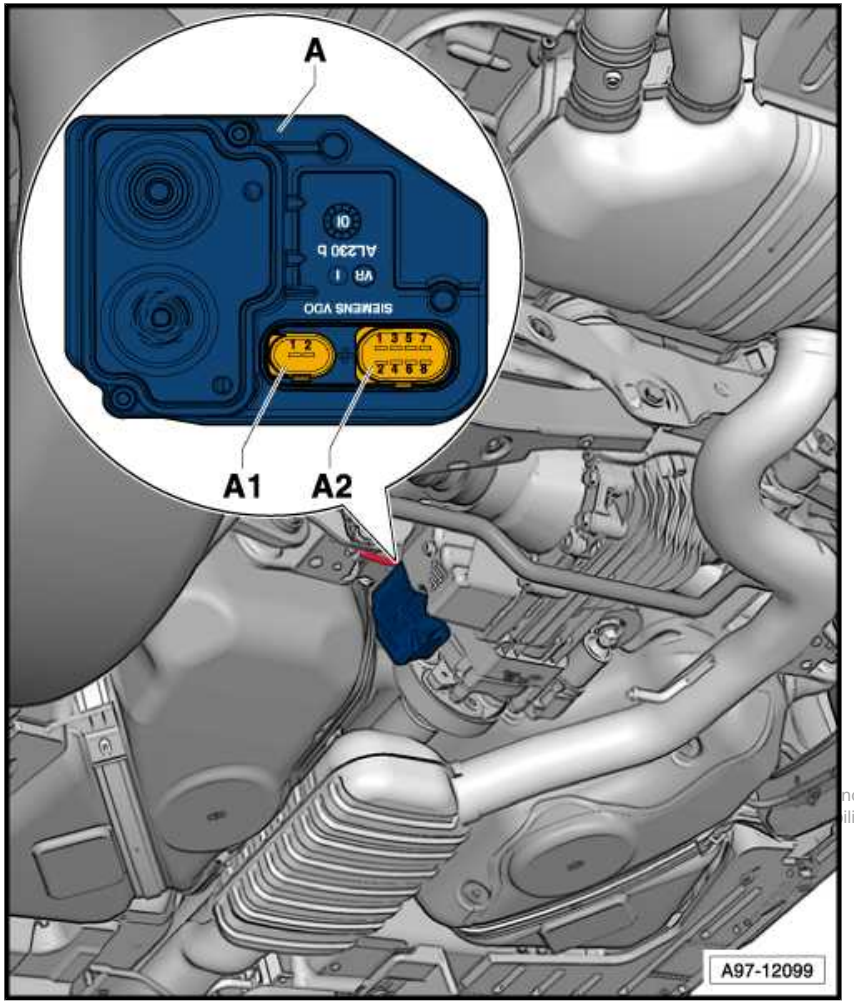
Fitting location:

on rear axle differential.

A - All-wheel drive control unit -J492-

A1 - 2-pin connector -T2ax- , black

A2 - 8-pin connector -T8y- , black



Back to overview ⇒ page 1 .

1.16 Control unit for reducing-agent heater -J891-

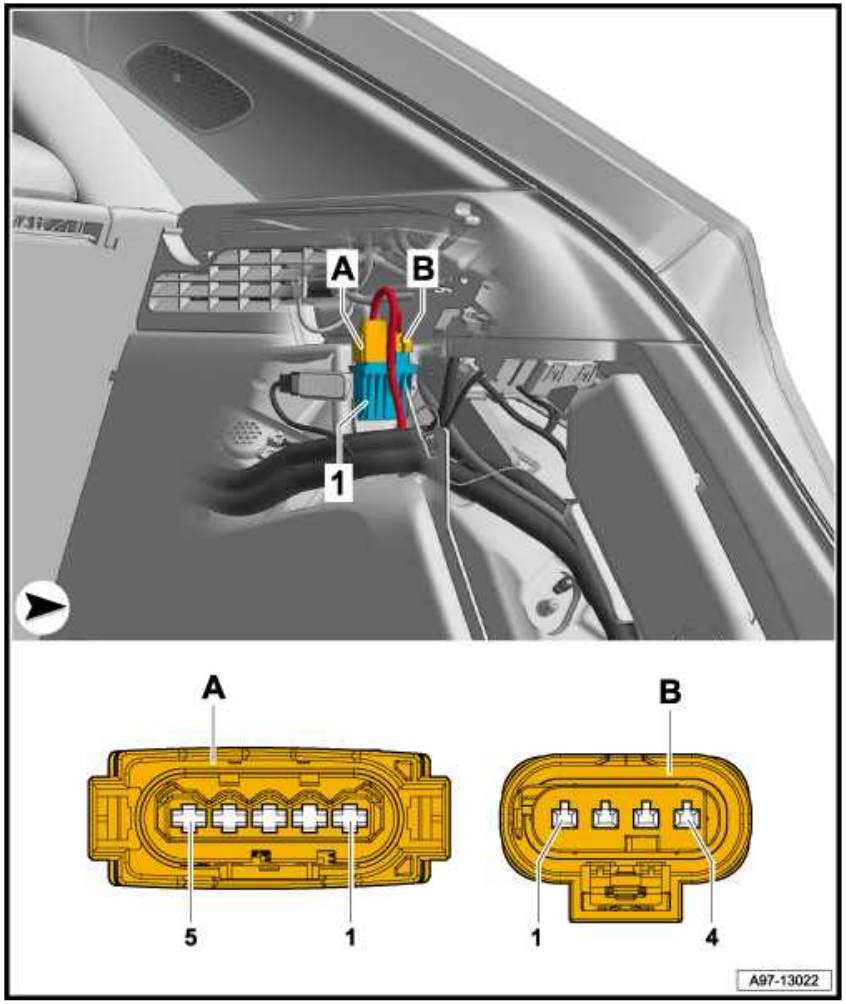
Fitting location:

behind right side trim in luggage compartment.

1 - Control unit for reducing-agent heater -J891-

A - 5-pin connector -T5p- , translucent

B - 4-pin connector -T4bo- , black



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Back to overview ⇒ page 1 .

1.17 Rear lid control unit -J605-

Fitting location:

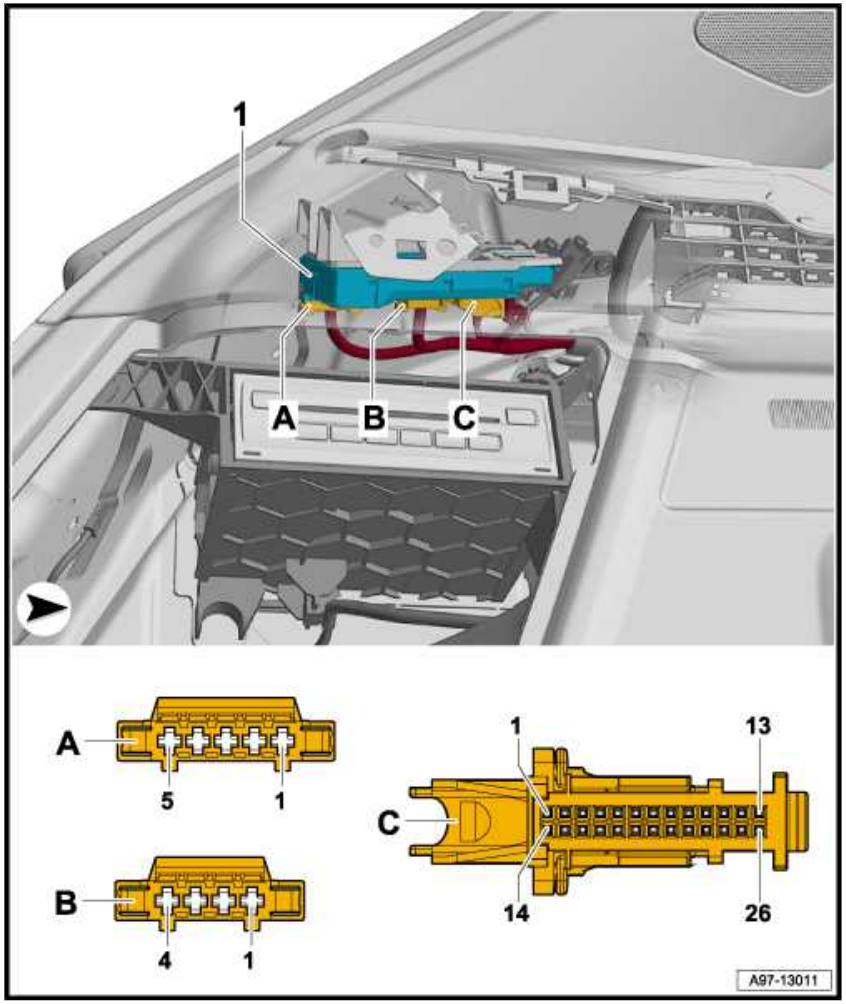
behind left side trim in luggage compartment.

1 - Rear lid control unit -J605-

A - 4-pin connector -T4ar- , black

B - 5-pin connector -T5g- , black

C - 26-pin connector -T26c- , black



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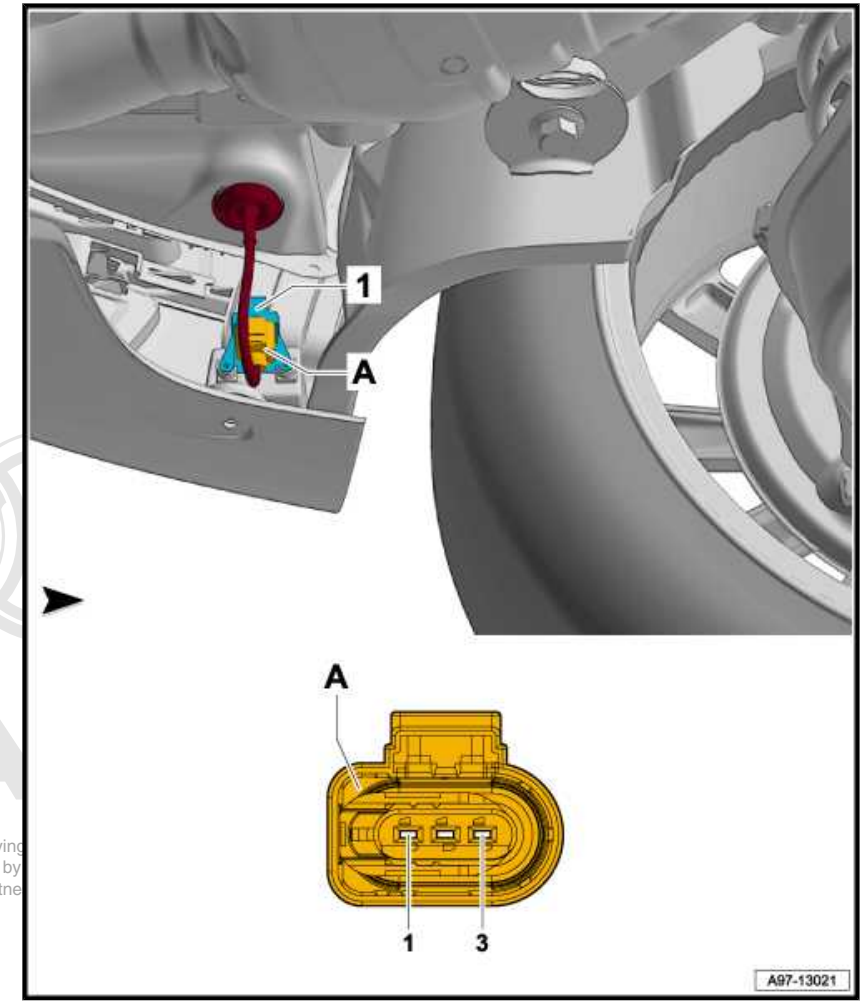
1.18 Radio controlled clock receiver -J489-

Fitting location:

in rear bumper on left.

1 - Radio controlled clock receiver -J489-

A - 3-pin connector -T3by- , black



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Back to overview ⇒ page 1 .

1 Coupling stations

1.1 Overview of coupling stations

1 - Front door wiring harness coupling station, right

- ❑ Connector: -T27a-
- ❑ Fitting location: ⇒ page 3

2 - Coupling station, glove box

- ❑ Connector: -T8-
- ❑ Fitting location: ⇒ page 4

3 - Coupling station, glove box

- ❑ Connector: -T10-
- ❑ Fitting location: ⇒ page 5

4 - Seat wiring coupling station, right

- ❑ Connectors: -T3d- , -T5a- , -T10e-
- ❑ Fitting location: ⇒ page 6

5 - Coupling station for roof wiring harness

- ❑ Connector: -T6b-
- ❑ Fitting location: ⇒ page 7

6 - Rear right coupling station for door wiring harness

- ❑ Connector: -T27c-
- ❑ Fitting location: ⇒ page 8

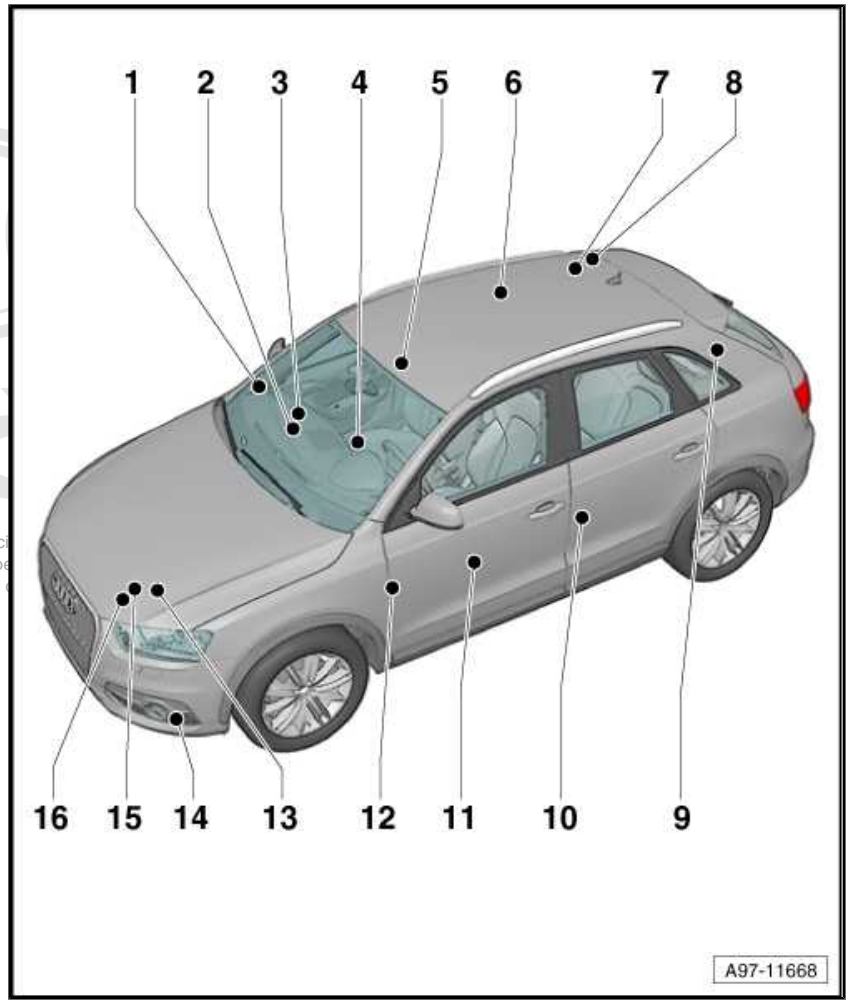
7 - Rear right coupling station, rear lid

- ❑ Connectors: -T2u- , -T17- , -T17a-
- ❑ Fitting location: ⇒ page 9

8 - Coupling station, right of rear bumper

- ❑ Connectors: -T12- , -T12a-
- ❑ Fitting location: ⇒ page 10

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9 -
Coupling station, rear left side of rear lid

- Connectors: -T2b- , -T2d- , -T2e-
- Fitting location: ⇒ page 11

10 -
Rear left coupling station for door wiring harness

- Connector: -T27b-
- Fitting location: ⇒ page 12

11 -
Seat wiring coupling station, left

- Connectors: -T3c- , -T5- , -T10d-
- Fitting location: ⇒ page 13

12 -
Front door wiring harness coupling station, left

- Connector: -T27-
- Fitting location: ⇒ page 14

12 - Coupling station, preparation for trailer hitch

- Connector: -T2p-
- Fitting location: ⇒ page 19

13 -
Coupling station for engine pre-wiring

- Connector: -T14-
- Fitting location: ⇒ page 15

14 -
Coupling station, left of front bumper

- Connectors: -T3e- , -T10a-
- Fitting location: ⇒ page 16

15 -
Coupling station, alternator

- Connector: -T8a-
- Fitting location: ⇒ page 17

16 -
Coupling station, electric steering

- Connector: -T6-
- Fitting location: ⇒ page 18

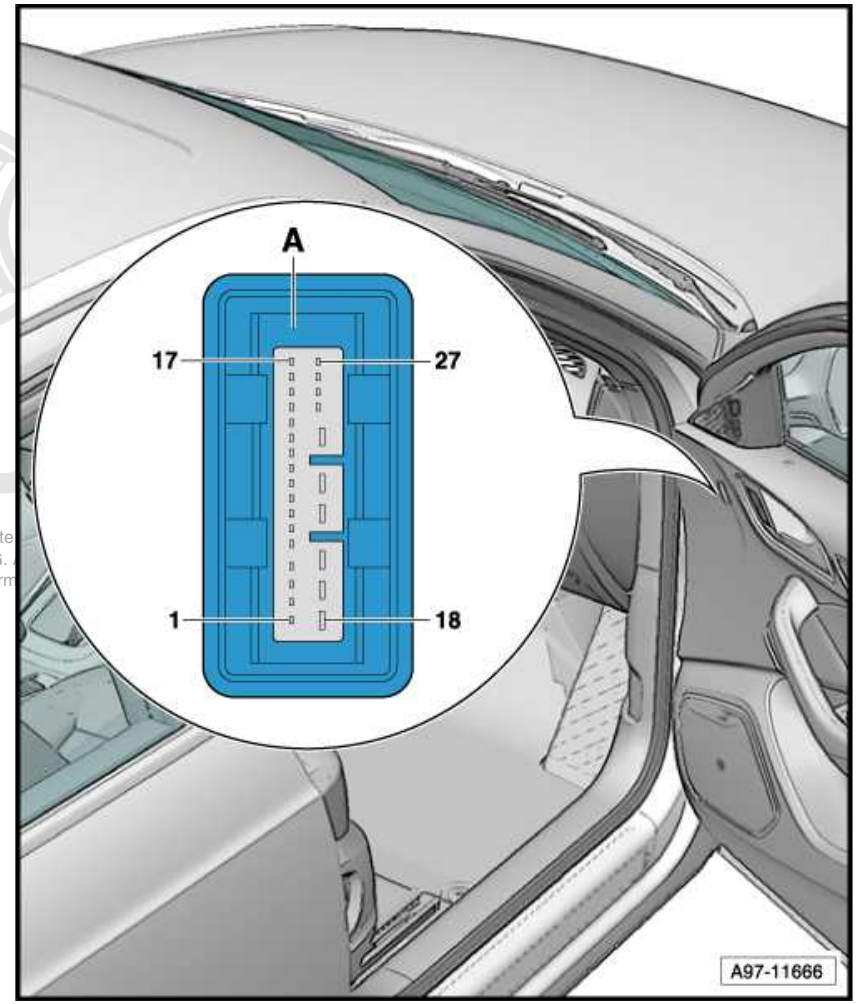
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1.2 Front door wiring harness coupling station, right

Fitting location:

on right A-pillar.

A - 27-pin connector -T27a- , black



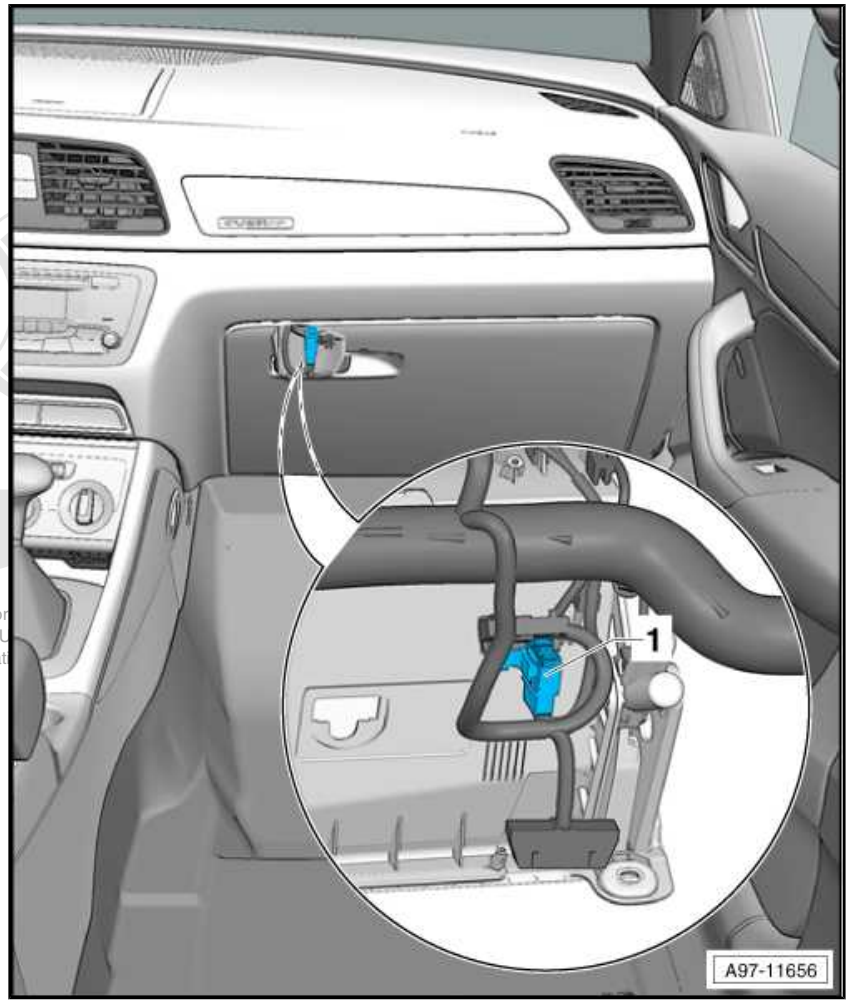
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1.3 Coupling station, glove box

Fitting location:

Behind the glove box.

1 - 8-pin connector -T8- , black



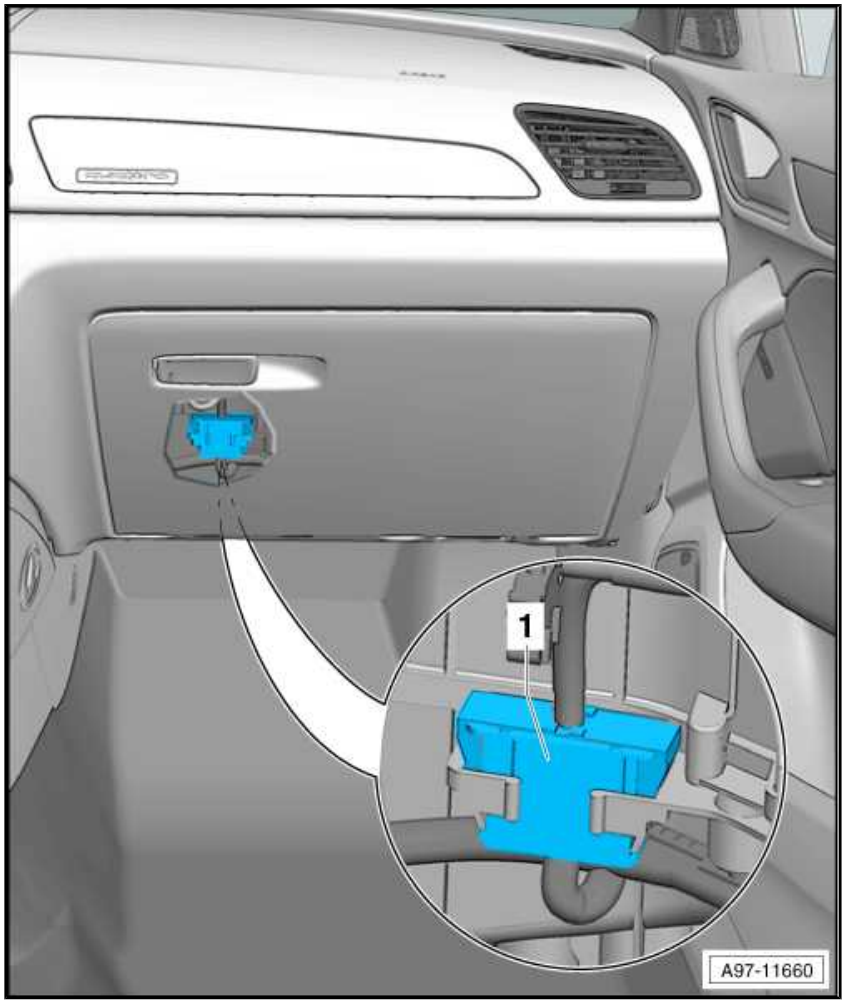
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1.4 Coupling station, glove box

Fitting location:

Behind the glove box.

1 - 10-pin connector -T10- , black



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1.5 Seat wiring coupling station, right

Fitting location:

Under front passenger seat.

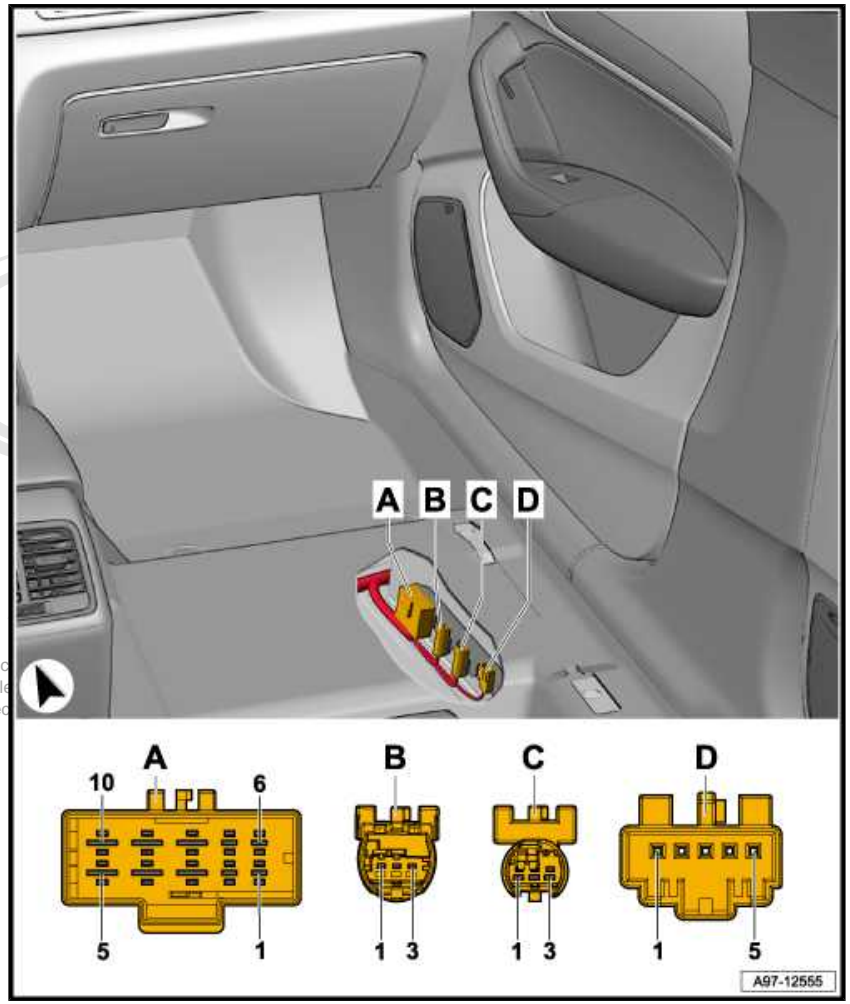
A - 10-pin connector -T10e- , black

B - 3-pin connector -T3d- , yellow

C - 3-pin connector -T3af- , yellow

- ❑ for models with US equipment only

D - 5-pin connector -T5a- , black



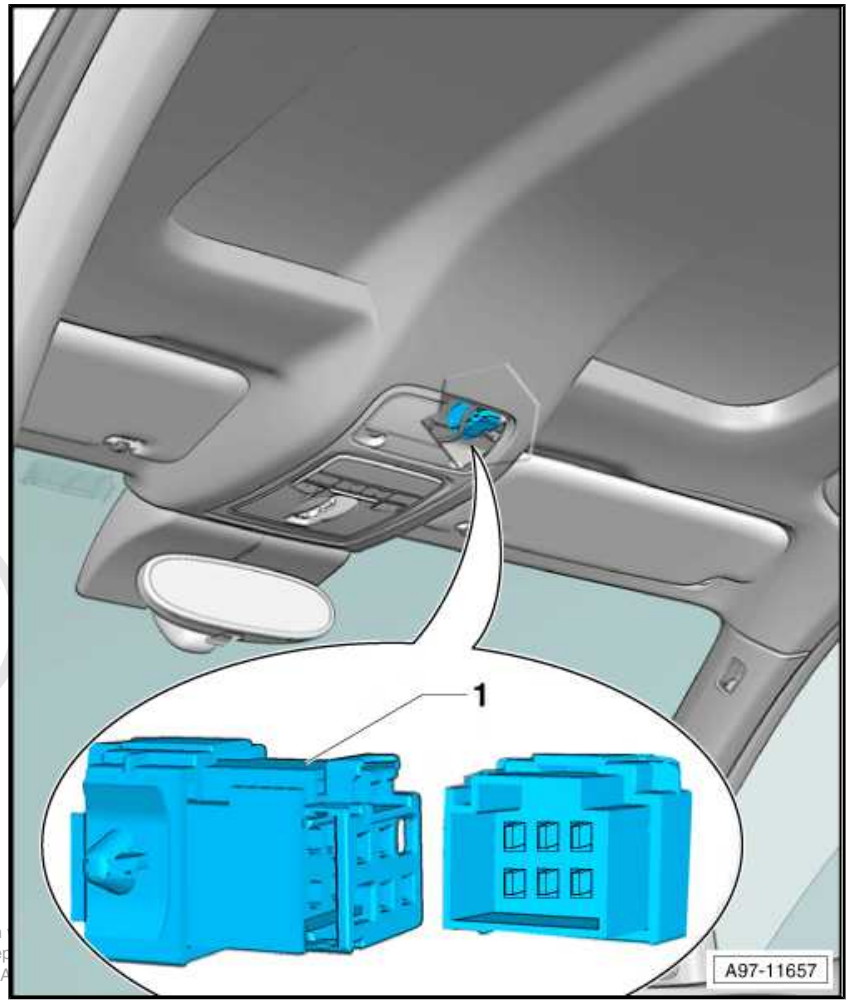
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1.6 Coupling station for roof wiring harness

Fitting location:

near front roof module.

1 - 6-pin connector -T6b- , black



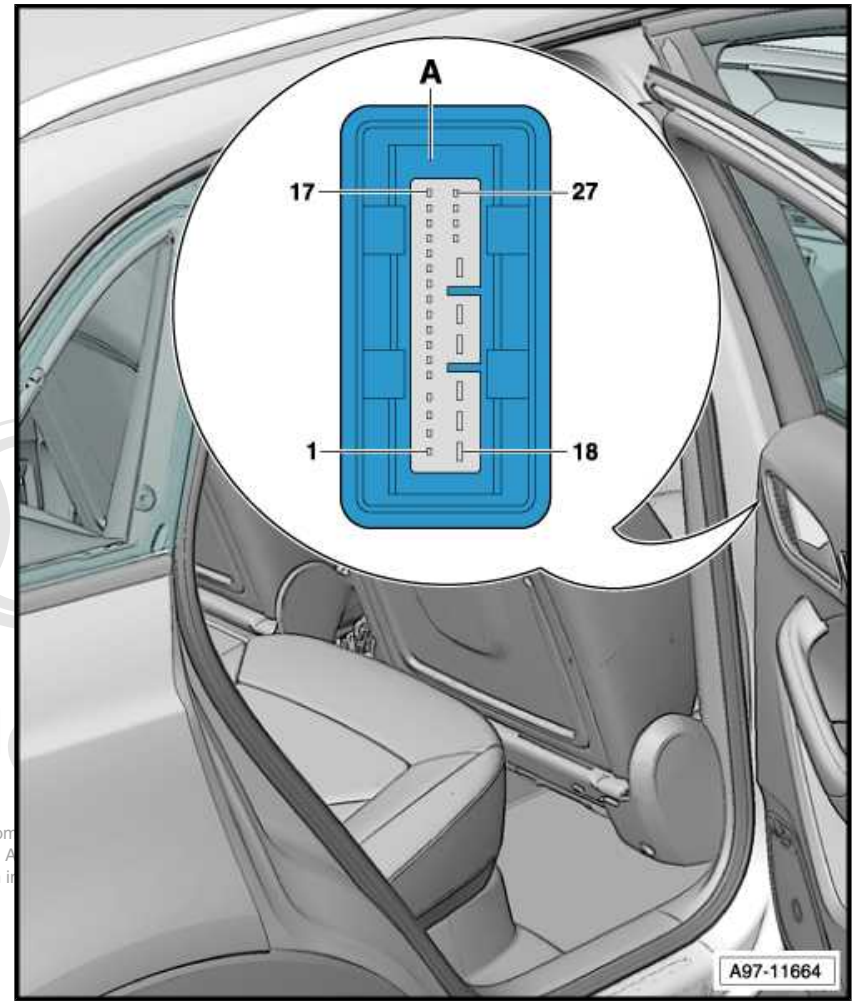
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1.7 Rear right coupling station for door wiring harness

Fitting location:

on right B-pillar.

A - 27-pin connector -T27c- , black



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1.8 Rear right coupling station, rear lid

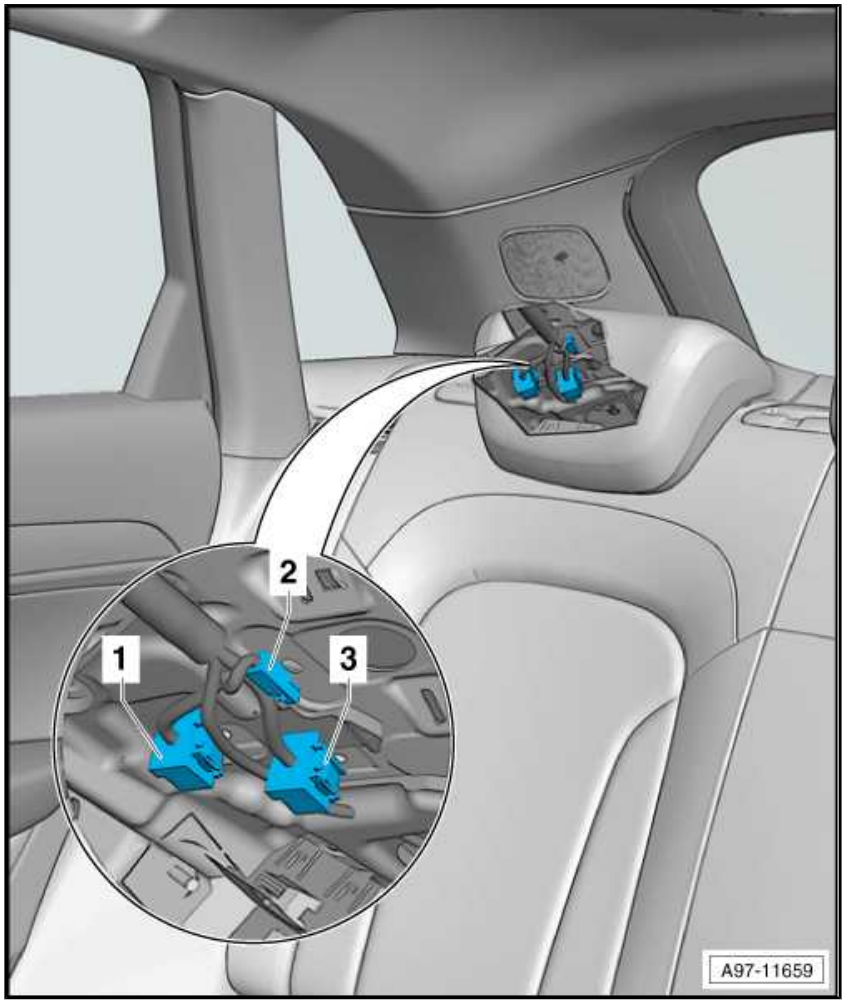
Fitting location:

on right C-pillar.

1 - 17-pin connector -T17- , black

2 - 2-pin connector -T2u- , grey

3 - 17-pin connector -T17a- , brown



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1.9 Coupling station, right of rear bumper

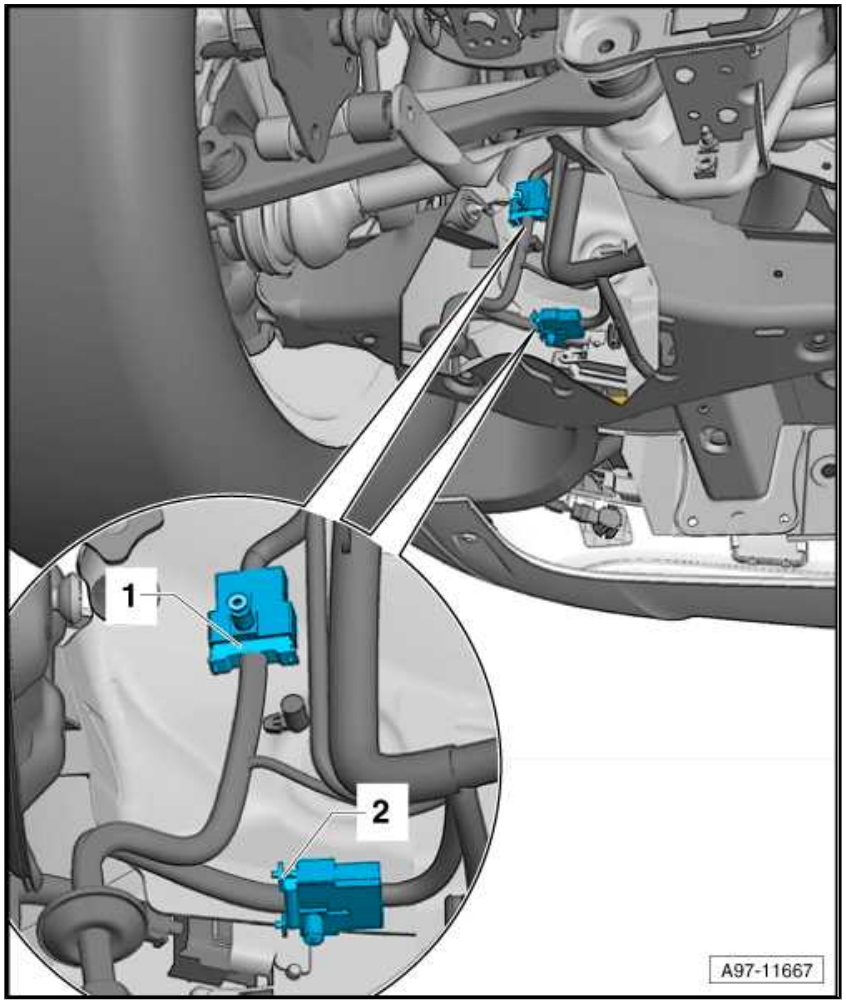
Fitting location:

in rear bumper on right.

1 - 12-pin connector -T12- , black

2 - 12-pin connector -T12a- , brown

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1.10 Coupling station, rear left side of rear lid

Fitting location:

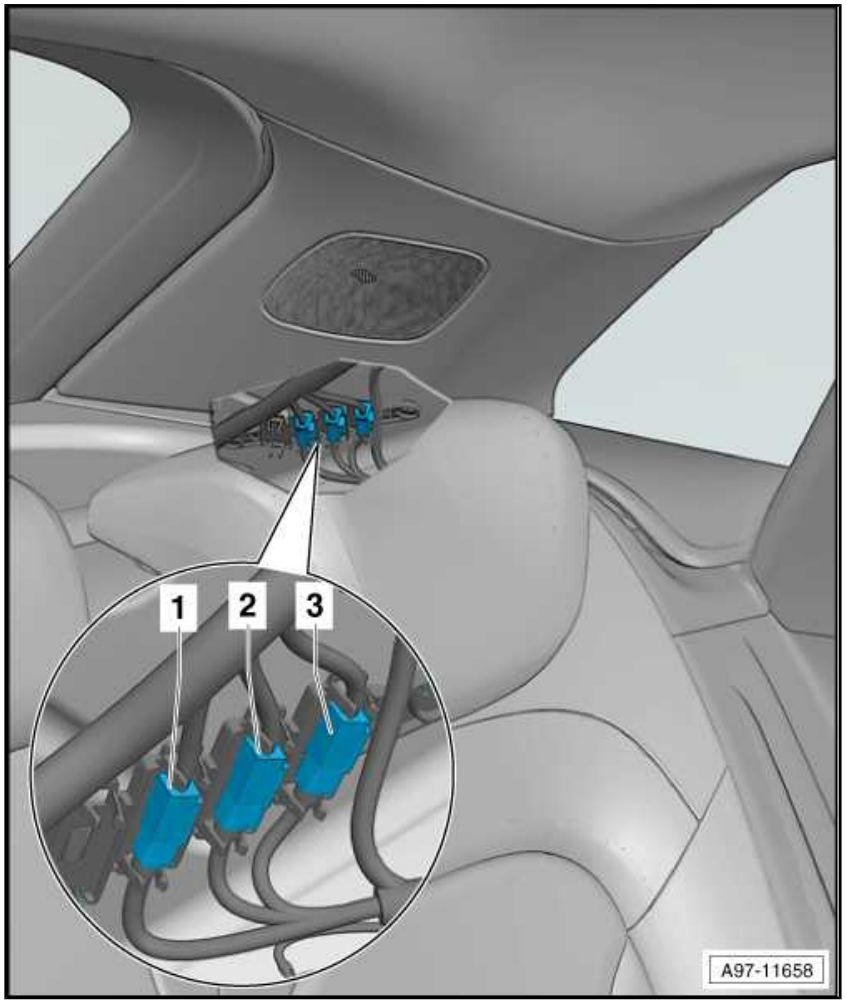
on left C-pillar

1 - 2-pin connector -T2b- , cream white

2 - 2-pin connector -T2d- , grey

3 - 2-pin connector -T2e- , black

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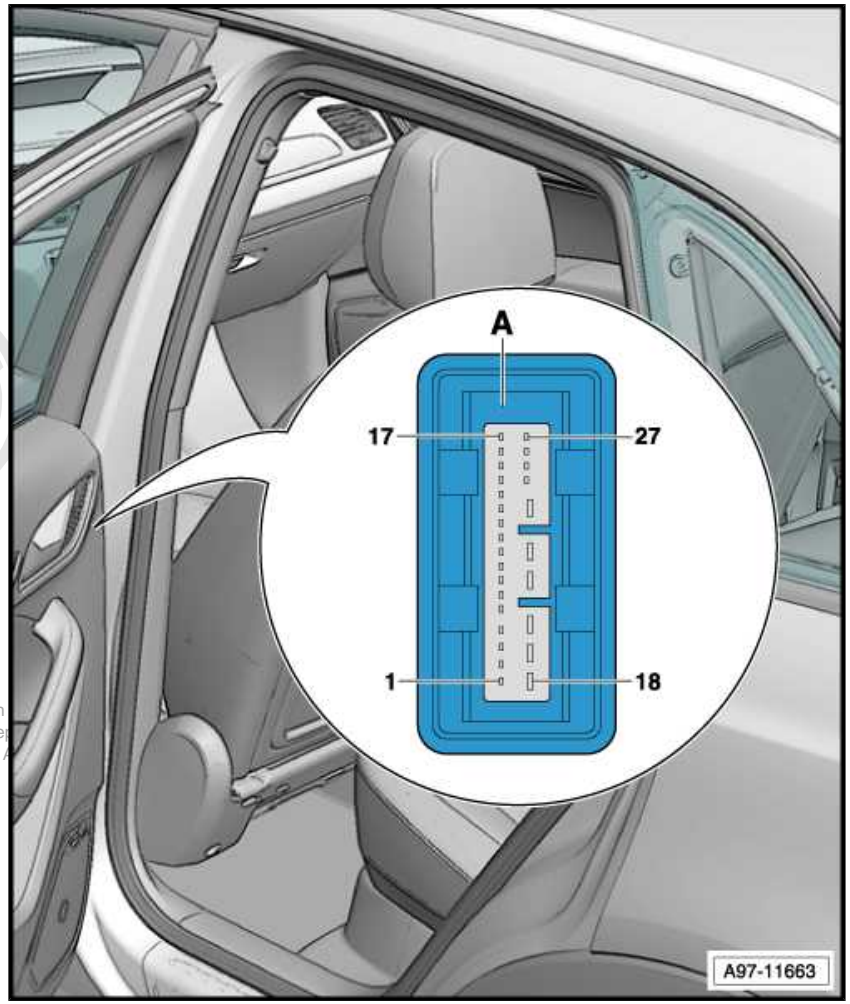


1.11 Rear left coupling station for door wiring harness

Fitting location:

on left B-pillar.

A - 27-pin connector -T27b- , black



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1.12 Seat wiring coupling station, left

Fitting location:

Under driver seat.

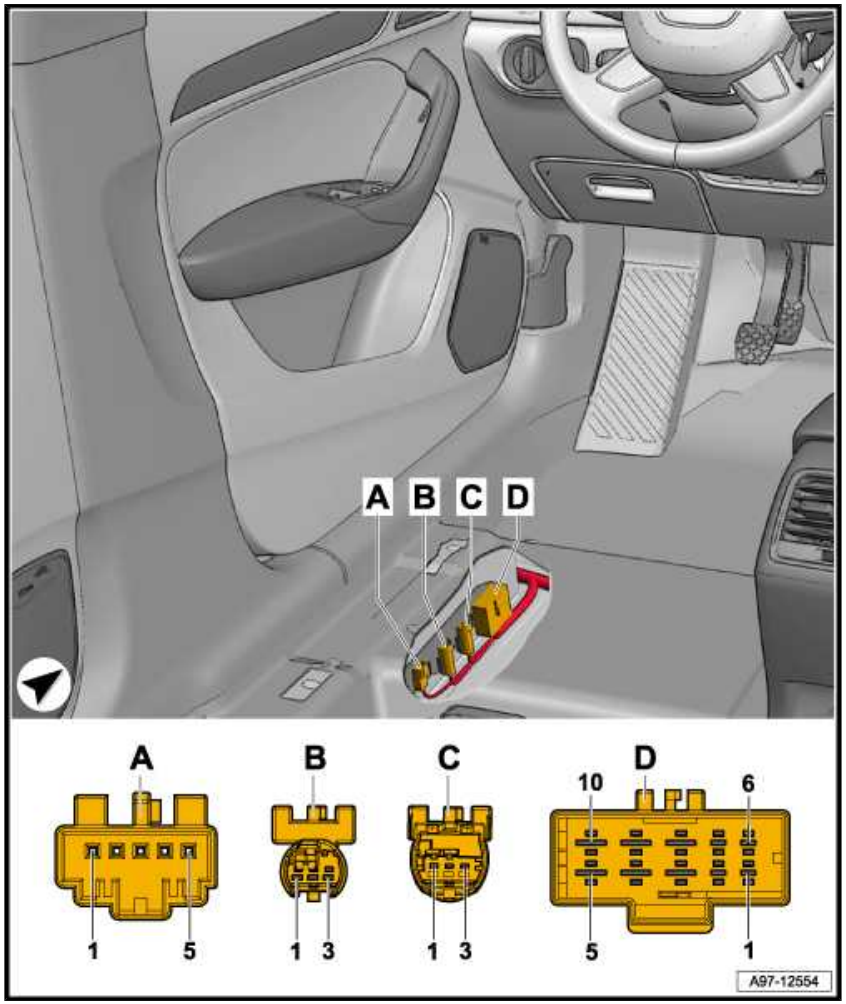
A - 5-pin connector -T5- , black

B - 3-pin connector -T3ae- , yellow

- ❑ for models with US equipment only

C - 3-pin connector -T3c- , yellow

D - 10-pin connector -T10d- , black



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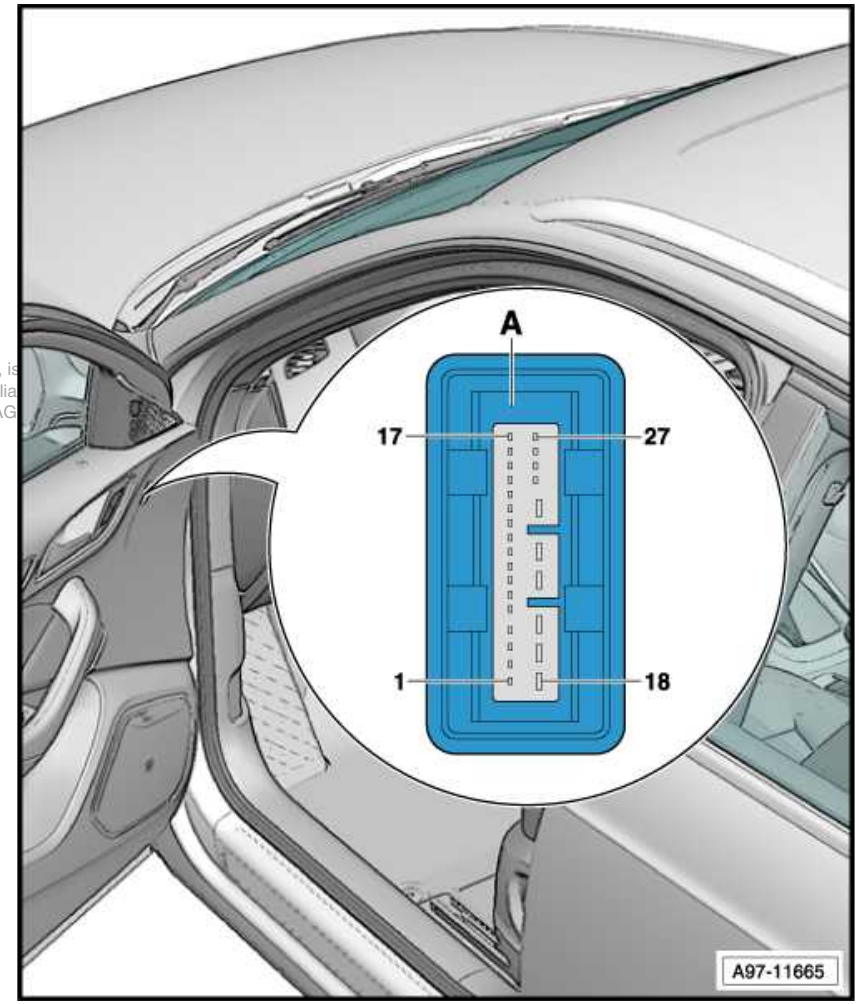
1.13 Front door wiring harness coupling station, left

Fitting location:

On left A-pillar.

A - 27-pin connector -T27- , black

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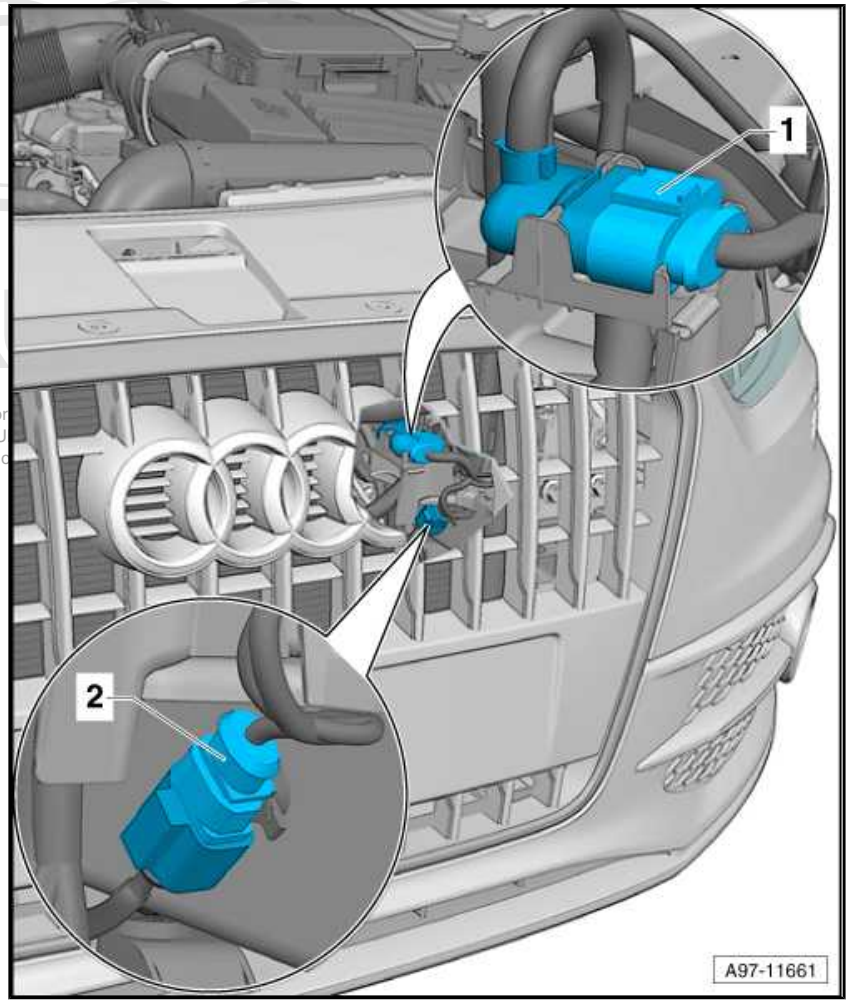


1.14 Coupling station for engine pre-wiring

Fitting location:

in engine compartment, front left.

1 - 14-pin connector -T14- , black



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1.15 Coupling station, left of front bumper

Fitting location:

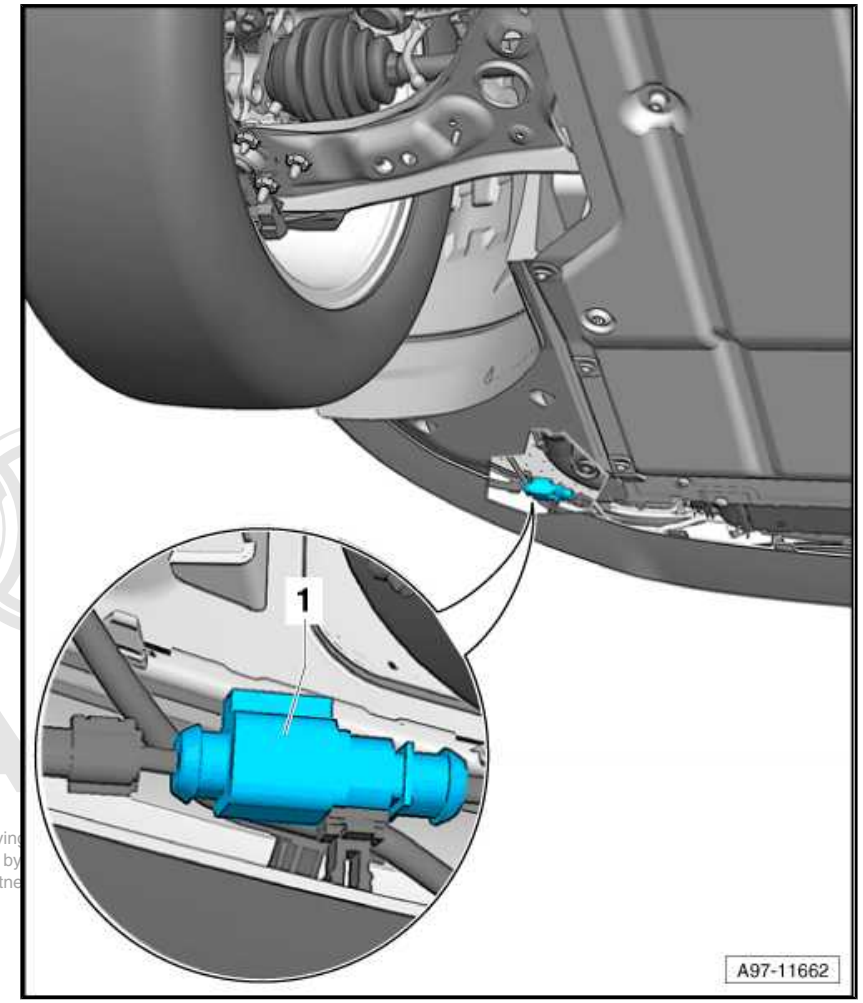
in front bumper on left.

1 - 10-pin connector -T10a- , black

- ❑ for models with parking aid only

1 - 3-pin connector -T3e- , black

- ❑ for models without parking aid only



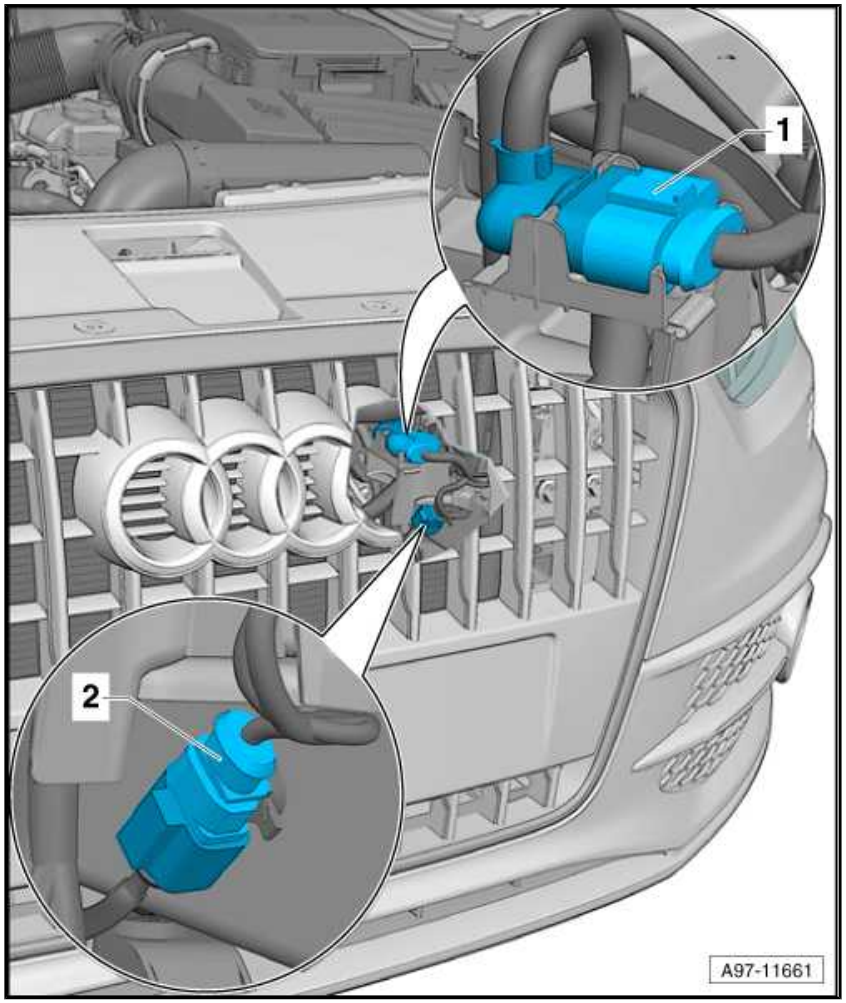
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1.16 Coupling station, alternator

Fitting location:

in engine compartment, front left.

2 - 8-pin connector -T8a- , black

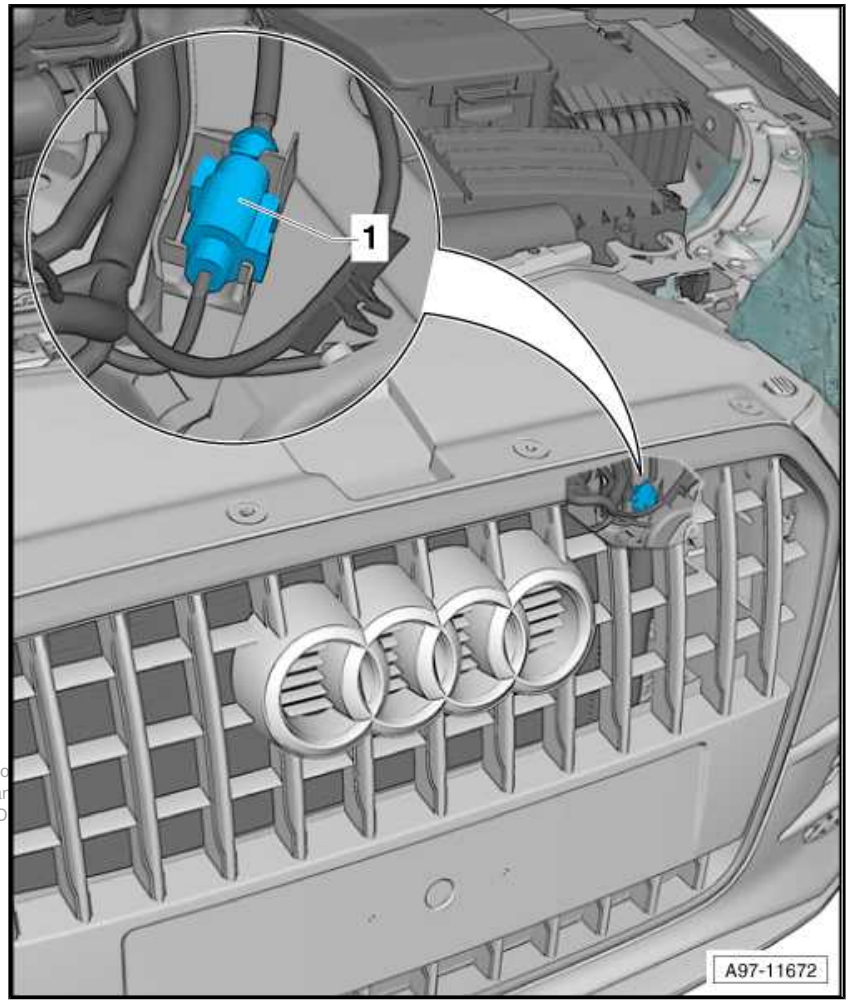


1.17 Coupling station, electric steering

Fitting location:

in engine compartment, front left.

1 - 6-pin connector -T6- , black



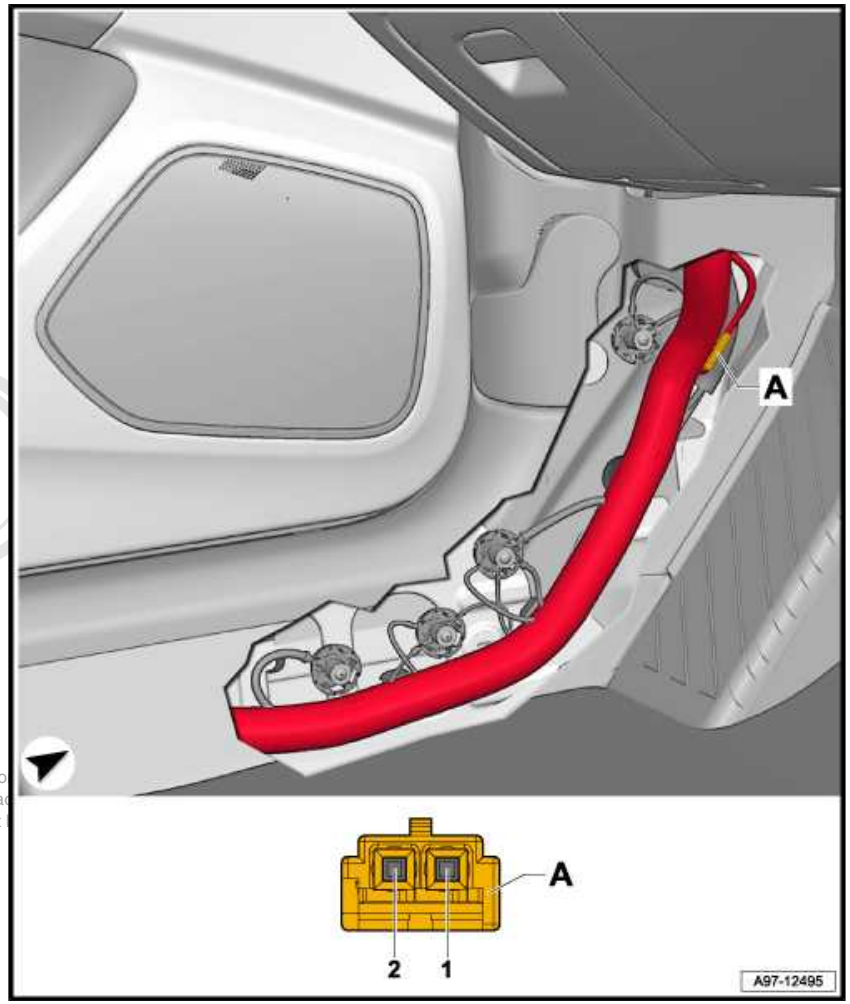
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1.18 Coupling station, preparation for trailer hitch

Fitting location:

On left A-pillar.

A - 2-pin connector -T2p- , black



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