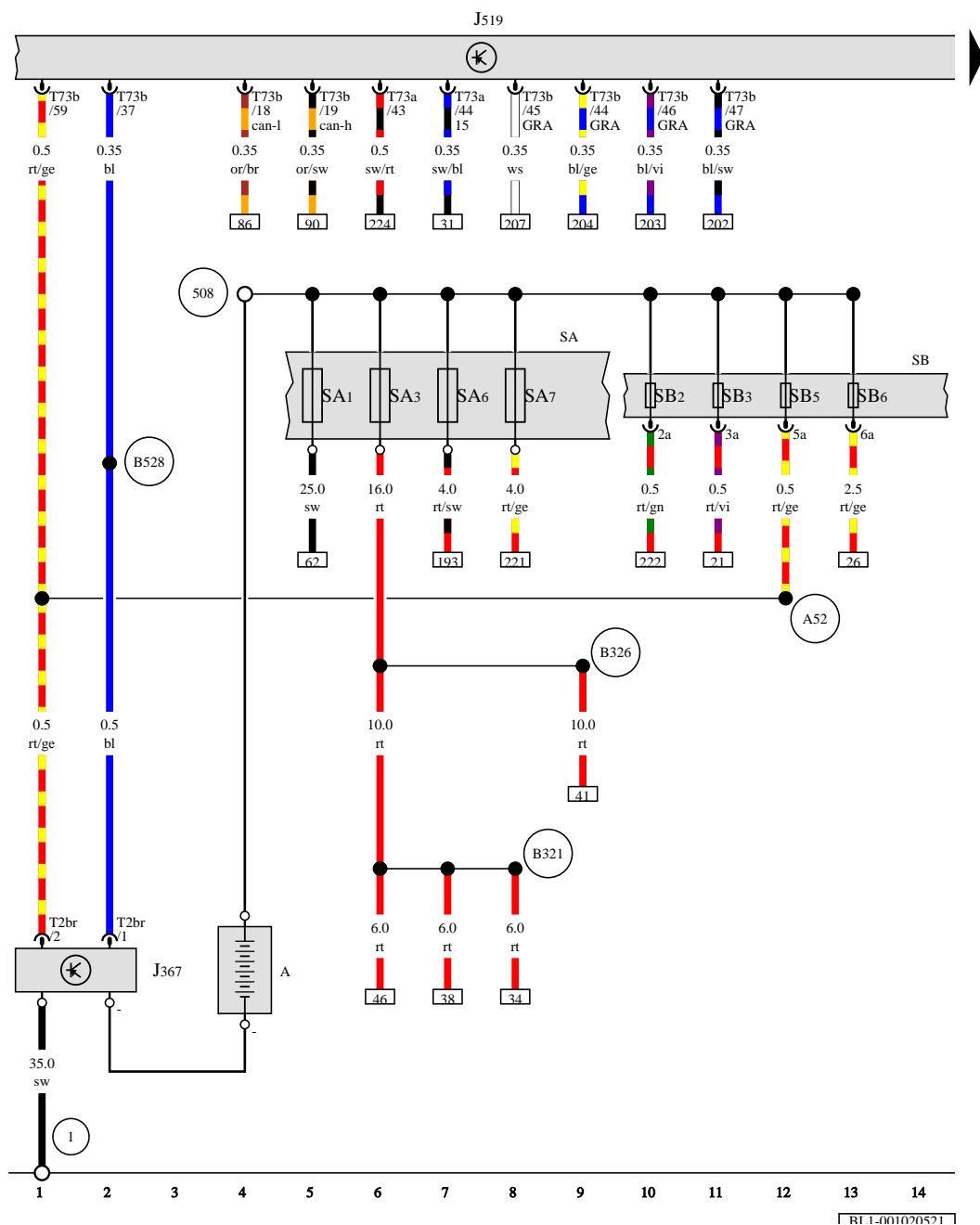


Electric drive system , EABA

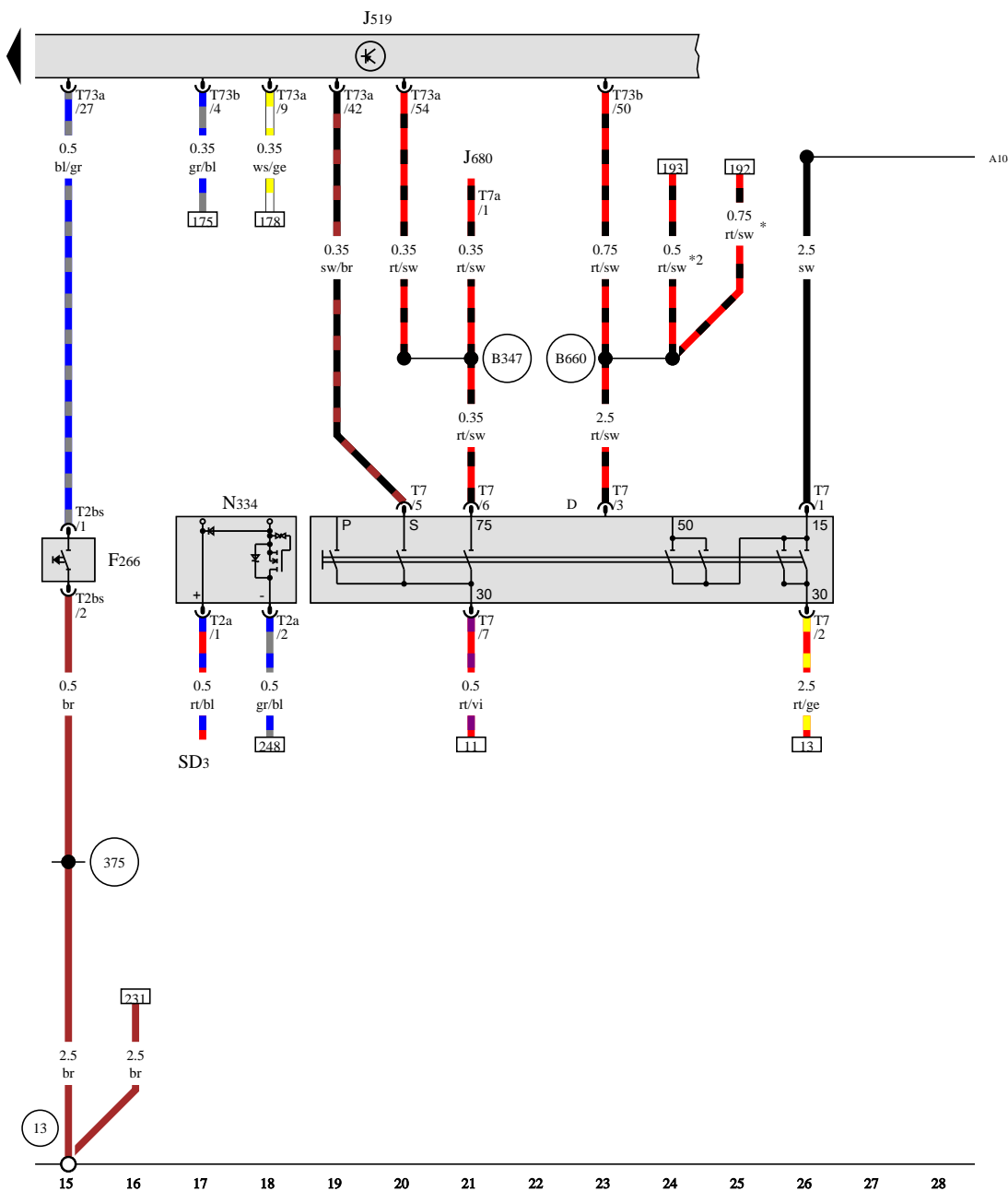
From July 2013

Battery, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B



- A Battery
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SA3 Fuse 3 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA6 Fuse 6 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SA7 Fuse 7 on fuse holder A
- T2br 2-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

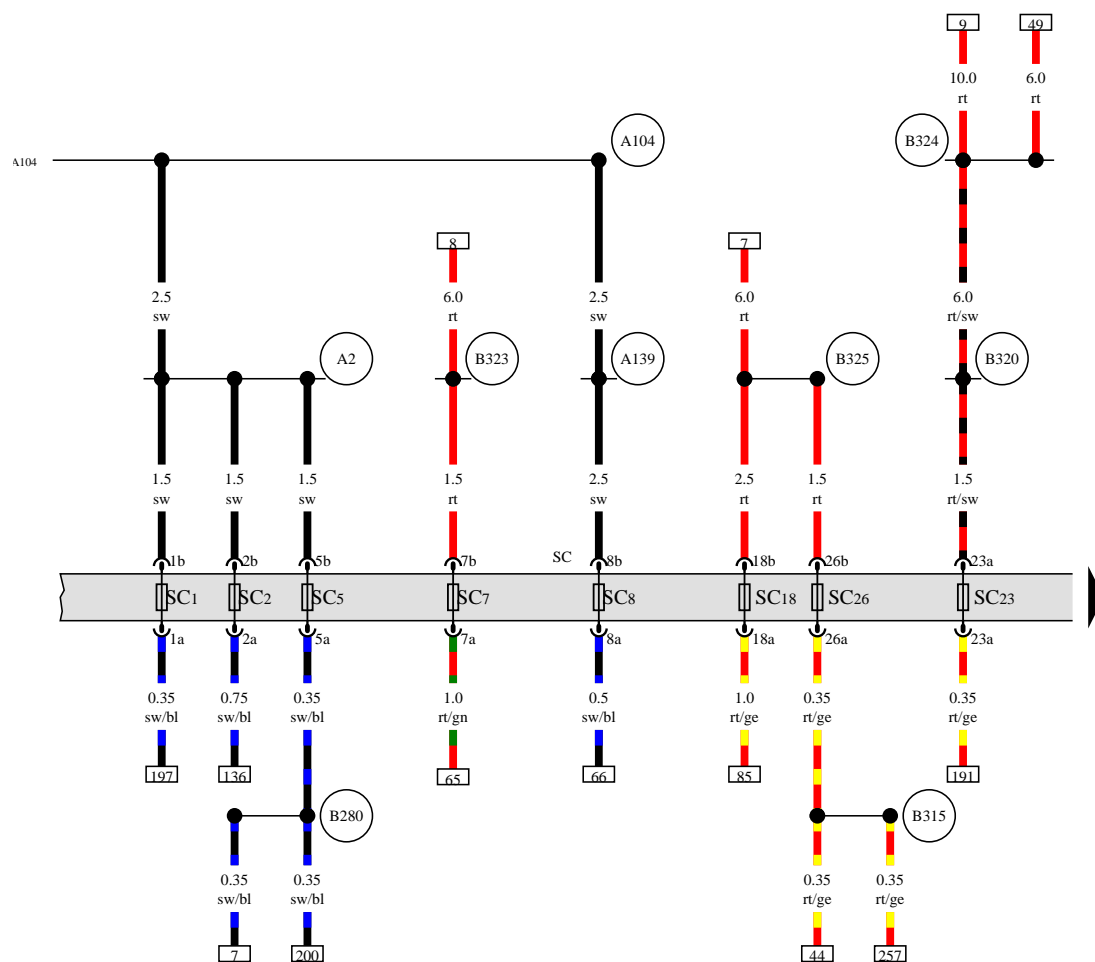
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- A52 Positive connection 2 (30), in dash panel wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness



Ignition/starter switch, Bonnet contact switch, Onboard supply control unit, Ignition key withdrawal lock solenoid valve

- D Ignition/starter switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- N334 Ignition key withdrawal lock solenoid valve
- SD3 Fuse 3 on fuse holder D
- T2a 2-pin connector
- T2bs 2-pin connector
- T7 7-pin connector
- T7a 7-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B347 Connection 2 (75), in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- * From November 2013
- *2 Up to November 2013

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



Fuse holder C

- | | |
|------|--|
| 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 |
| SC7 | Fuse 7 on fuse holder C |
| SC8 | Fuse 8 on fuse holder C |
| SC18 | Fuse 18 on fuse holder C |
| SC23 | Fuse 23 on fuse holder C |
| SC26 | Fuse 26 on fuse holder C |
| A2 | Positive connection (15), in dash panel wiring harness |
| A104 | Positive connection 2 (15), in dash panel wiring harness |
| A139 | Connection 3 (15) in dash panel wiring harness |
| B280 | Positive connection 4 (15a) in main wiring harness |
| B315 | Positive connection 1 (30a) in main wiring harness |
| B320 | Positive connection 6 (30a) in main wiring harness |
| B323 | Positive connection 9 (30a) in main wiring harness |
| B324 | Positive connection 10 (30a) in main wiring harness |
| B325 | Positive connection 11 (30a) 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



J271	Main relay
SC	Fuse holder C
SC31	Fuse 31 on fuse holder C
SC40	Fuse 40 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC44	Fuse 44 on fuse holder C
T9	9-pin connector

(B146) Positive connection 1 (87), in interior wiring harness

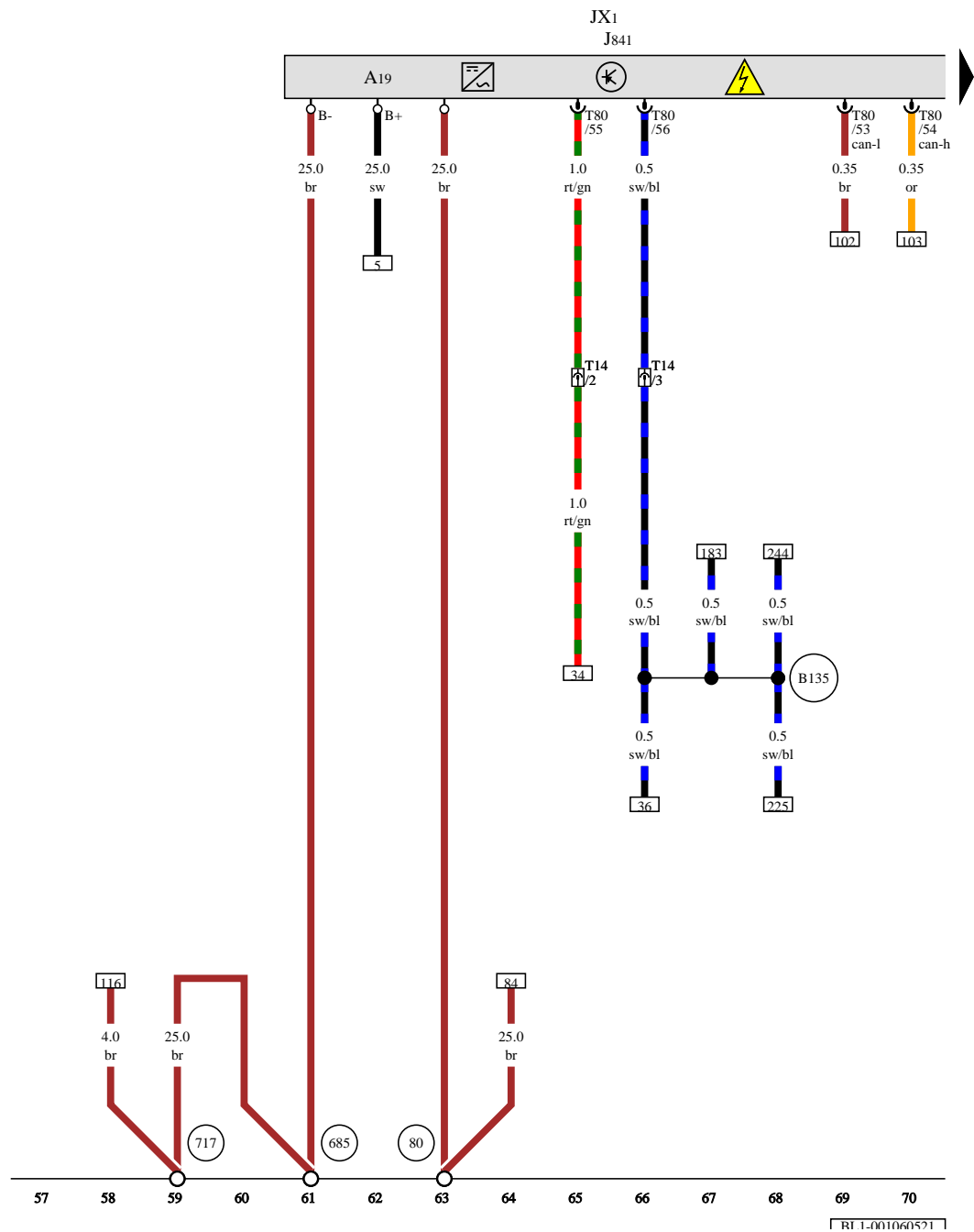
B322 Positive connection 8 (30a) in main wiring harness

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

Power and control electronics for electric drive, Electric drive control unit

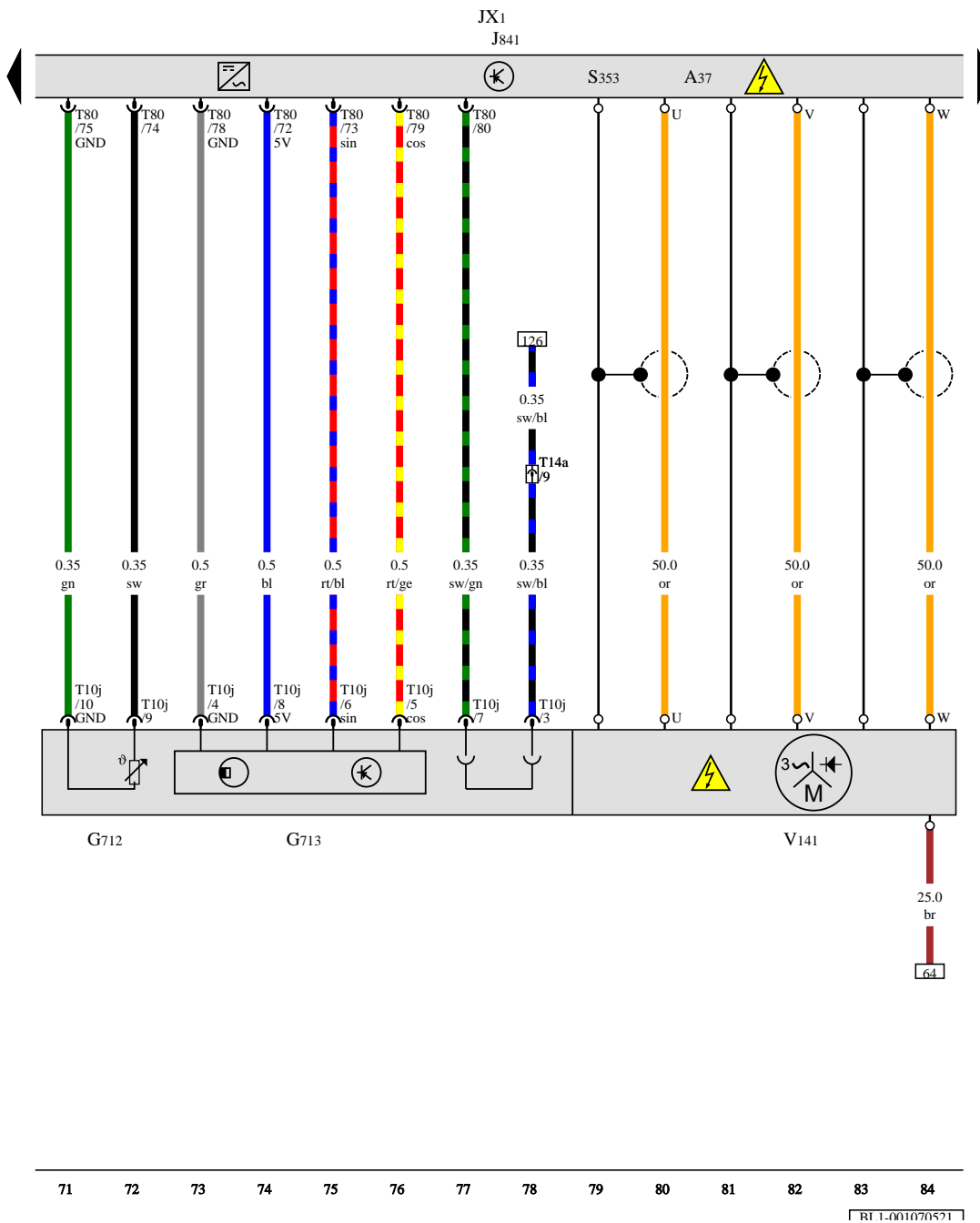
- A19 Voltage converter
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- T14 14-pin connector
- T80 80-pin connector

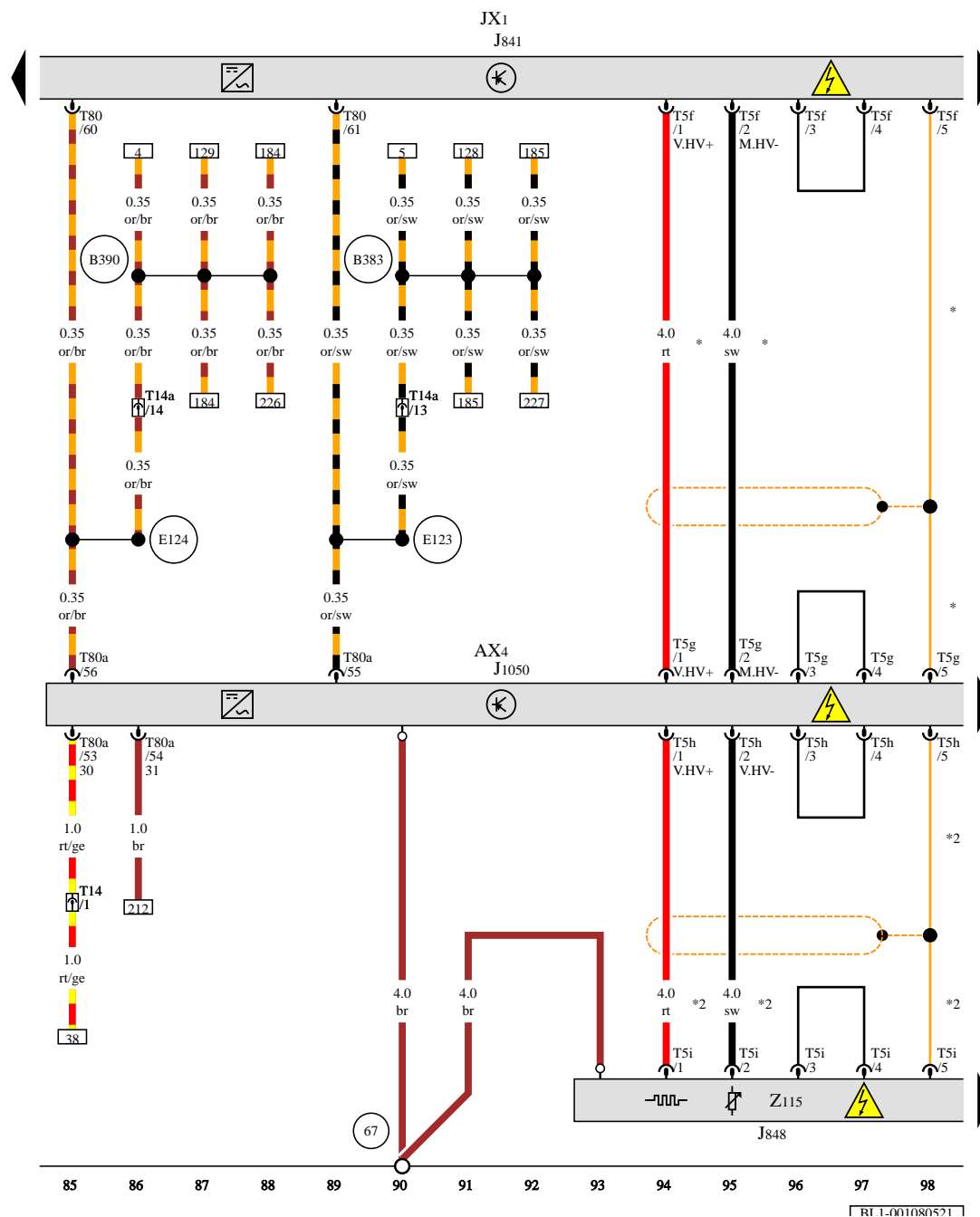
- 80 Earth point, on centre of front cross member
- 685 Earth point 1, on front of right longitudinal member
- 717 Earth point on front right of cross member
- B135 Connection 1 (15a), in interior wiring harness



Power and control electronics for electric drive, Electric drive control unit, Electric drive motor

- A37 DC/AC converter for drive motor
- G712 Drive motor temperature sender
- G713 Drive motor rotor position sender 1
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- S353 High-voltage system fuse 3
- T10j 10-pin connector
- T14a 14-pin connector
- T80 80-pin connector
- V141 Electric drive motor

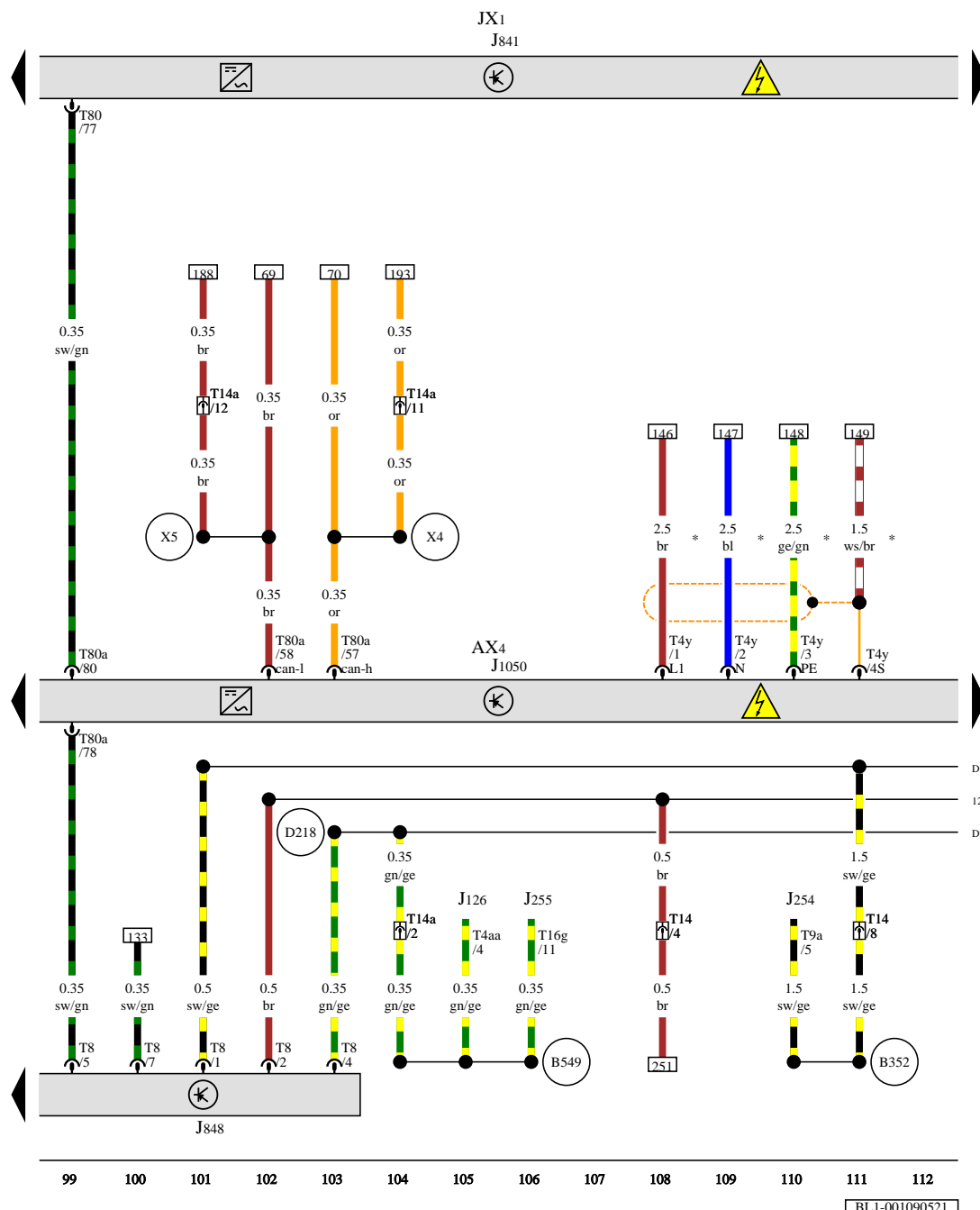




Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T5f 5-pin connector
- T5g 5-pin connector
- T5h 5-pin connector
- T5i 5-pin connector
- T14 14-pin connector
- T14a 14-pin connector
- T80 80-pin connector
- T80a 80-pin connector
- Z115 High-voltage heater (PTC)

- 67 Earth point, on left of front cross member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * High-voltage wire for charging unit 1/wiring junction (P12)
- *2 High-voltage wire for high-voltage heater (PTC) (P11)

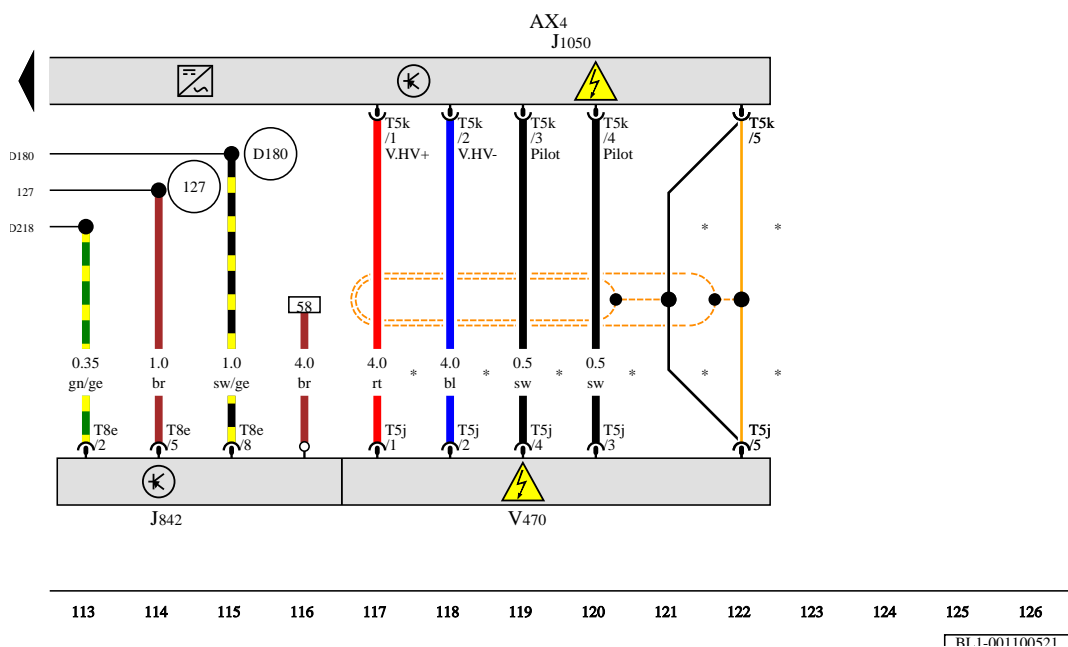
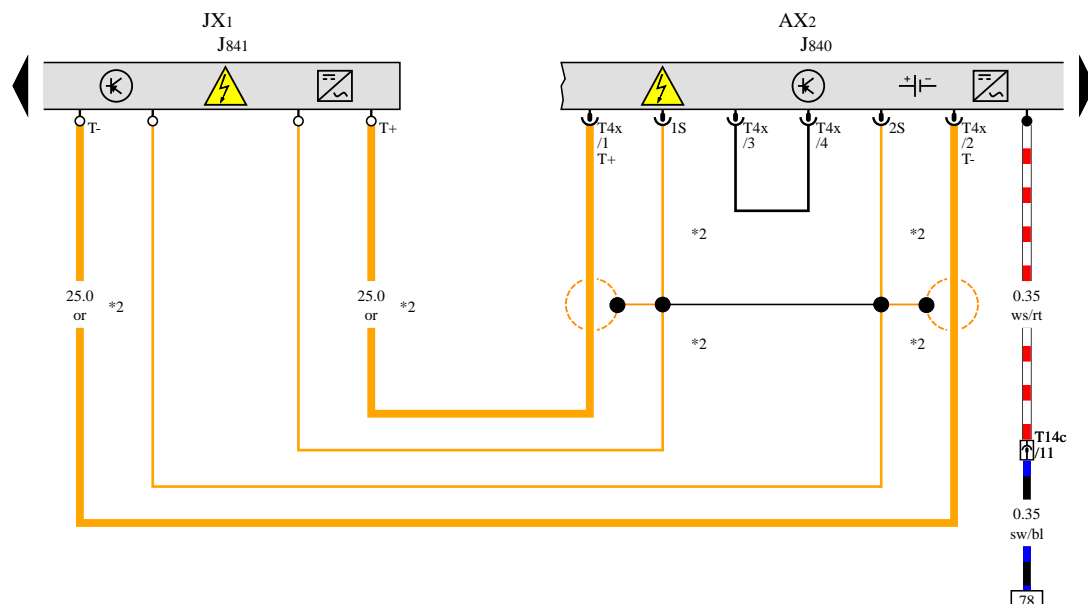


Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J126 Fresh air blower control unit
- J254 Climatronic relay
- J255 Climatronic control unit
- J841 Electric drive control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T4aa 4-pin connector
- T4y 4-pin connector
- T8 8-pin connector
- T9a 9-pin connector
- T14 14-pin connector
- T14a 14-pin connector
- T16g 16-pin connector
- T80 80-pin connector
- T80a 80-pin connector

- 127 Earth connection 1, in air conditioner compressor wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * High-voltage wire 1 for high-voltage charge current distributor/high-voltage charging socket (P18)

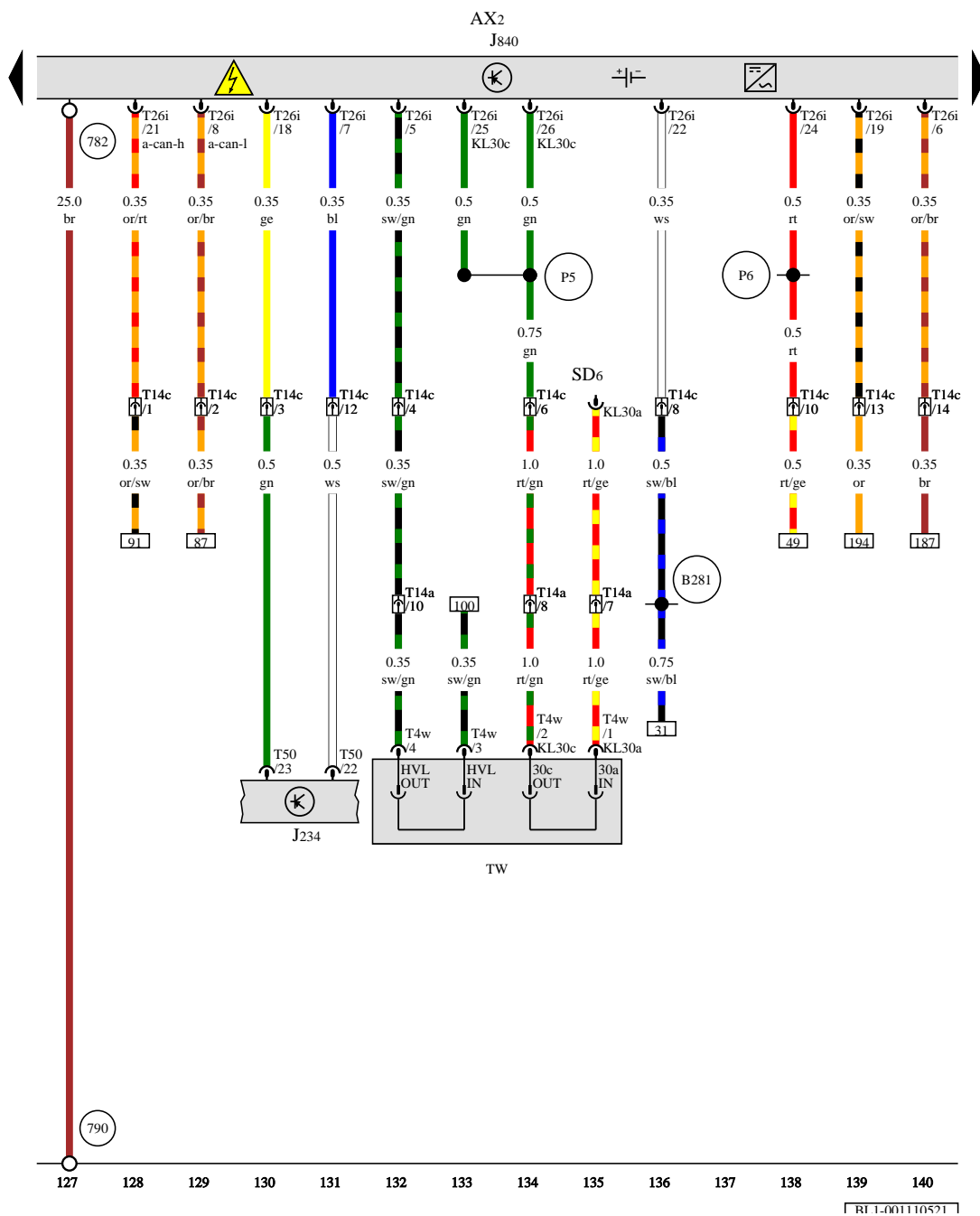
Volkswagen Technical Site: <https://vwts.ru>



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-voltage battery 1, Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Battery regulation control unit, Electric drive control unit, Control unit for air conditioner compressor, Control unit for high-voltage battery charging unit, Electrical air conditioner compressor

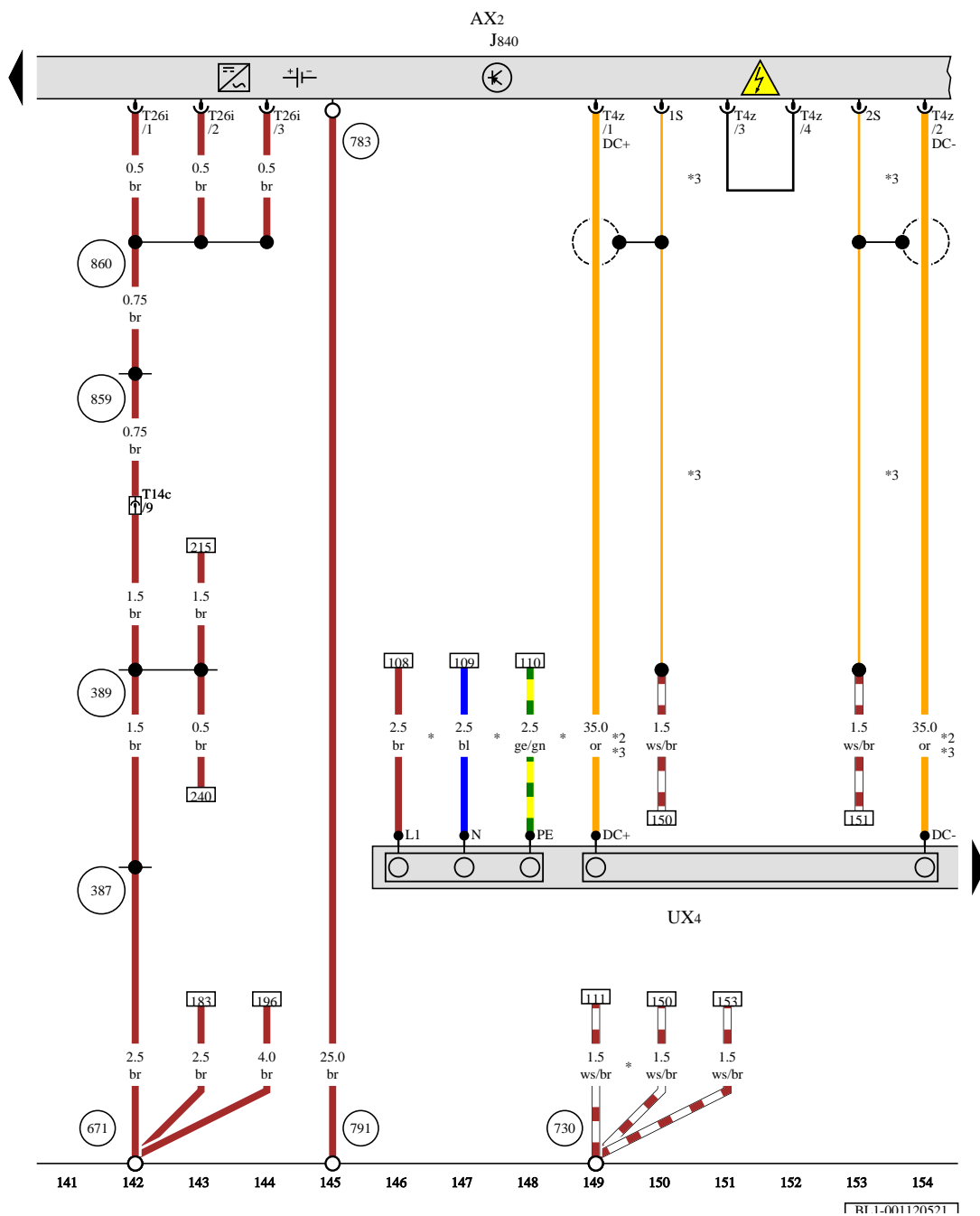
- AX2 High-voltage battery 1
- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J840 Battery regulation control unit
- J841 Electric drive control unit
- J842 Control unit for air conditioner compressor
- J1050 Control unit for high-voltage battery charging unit
- T4x 4-pin connector
- T5j 5-pin connector
- T5k 5-pin connector
- T8e 8-pin connector
- T14c 14-pin connector
- V470 Electrical air conditioner compressor
- 127 Earth connection 1, in air conditioner compressor wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * High-voltage wire for electrical air conditioner compressor (P3)
- *2 High-voltage wiring harness for high-voltage battery (PX1)



High-voltage battery 1, Battery regulation control unit,
Maintenance connector for high-voltage system

- | | |
|------|---|
| AX2 | High-voltage battery 1 |
| J234 | Airbag control unit |
| J840 | Battery regulation control unit |
| SD6 | Fuse 6 on fuse holder D |
| T4w | 4-pin connector |
| T14a | 14-pin connector |
| T14c | 14-pin connector |
| T26i | 26-pin connector |
| T50 | 50-pin connector |
| TW | Maintenance connector for high-voltage system |
| 782 | Earth point 1, on high-voltage battery |
| 790 | Earth point on front left of underbody |
| B281 | Positive connection 5 (15a) in main wiring harness |
| P5 | Positive connection 1, in high-voltage battery wiring harness |
| P6 | Positive connection 2, in high-voltage battery 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



High-voltage battery 1, Battery regulation control unit,
High-voltage battery charging socket 1

AX2	High-voltage battery 1
J840	Battery regulation control unit
T4z	4-pin connector
T14c	14-pin connector
T26i	26-pin connector
UX4	High-voltage battery charging socket 1

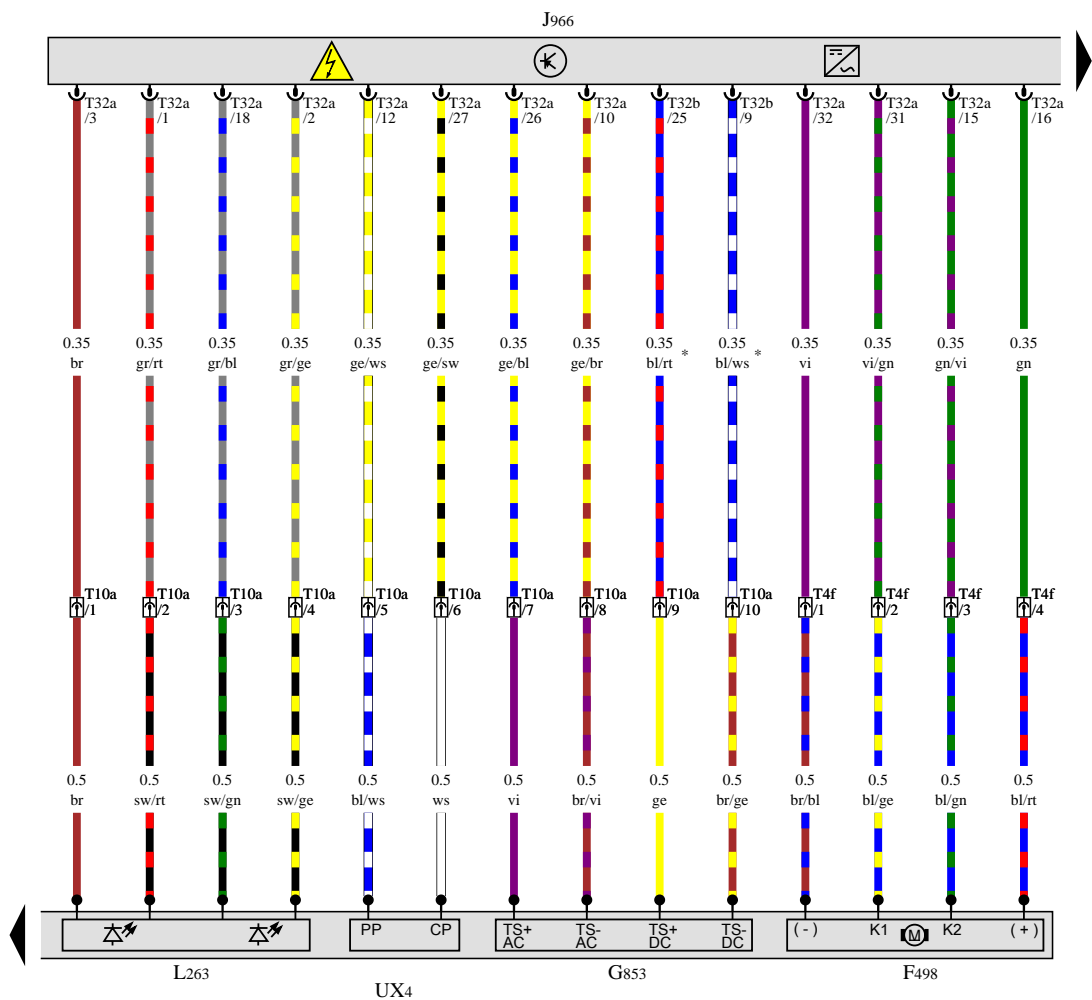
- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 730 Earth point 1, on right rear wheel housing
- 783 Earth point 2, on high-voltage battery
- 791 Earth point, on rear right of underbody
- 859 Earth connection 1, in high-voltage battery wiring harness
- 860 Earth connection 2, in high-voltage battery wiring harness

- * High-voltage wire 1 for high-voltage charge current distributor/
high-voltage charging socket (P18)
- *2 For models with combined AC and DC charging system
- *3 High-voltage wire for high-voltage battery charging (P52)

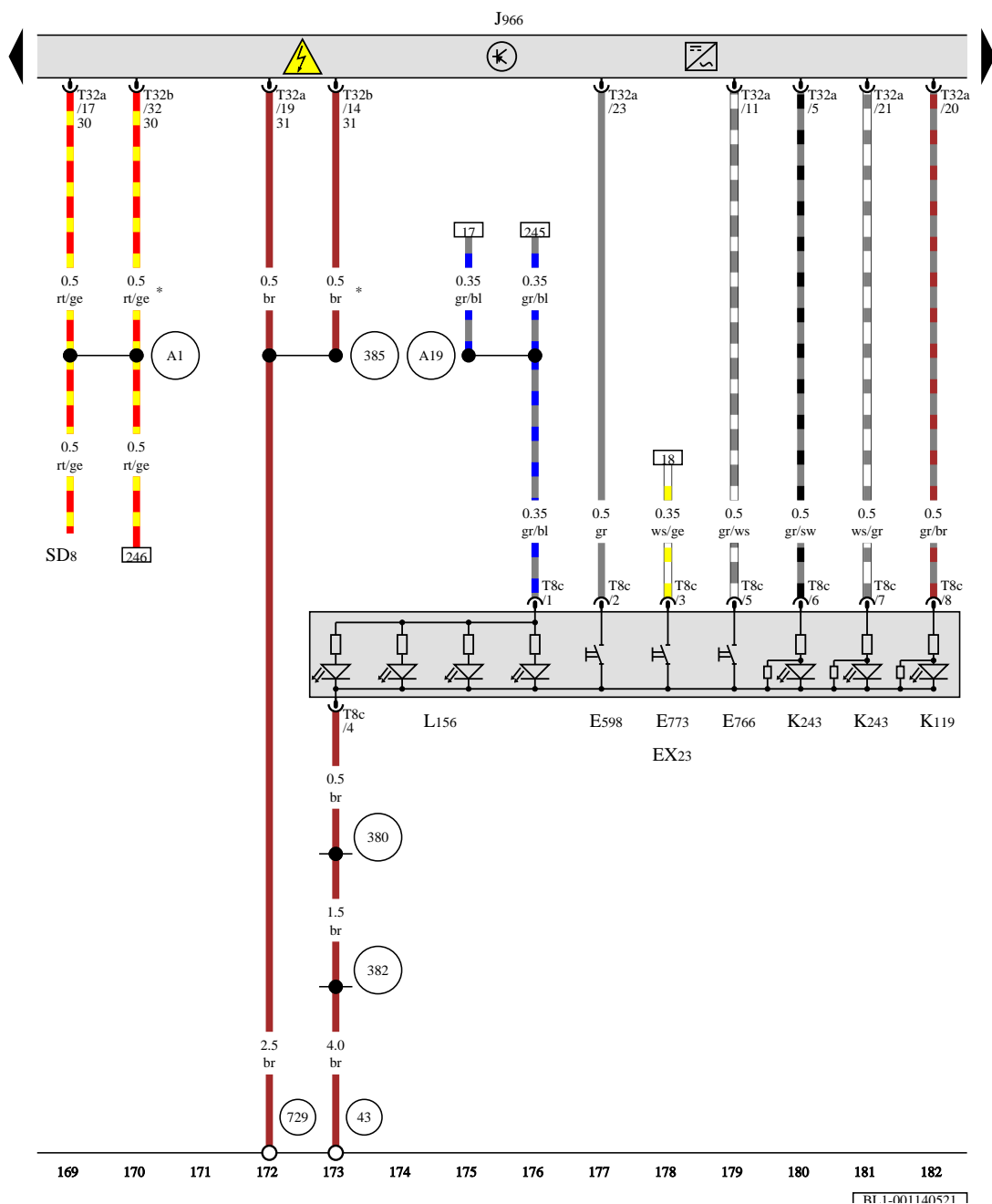
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- F498 Actuator for high-voltage charging socket lock 1
- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- L263 LED module for charging socket 1
- T4f 4-pin connector
- T10a 10-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- UX4 High-voltage battery charging socket 1
- * For models with combined AC and DC charging system



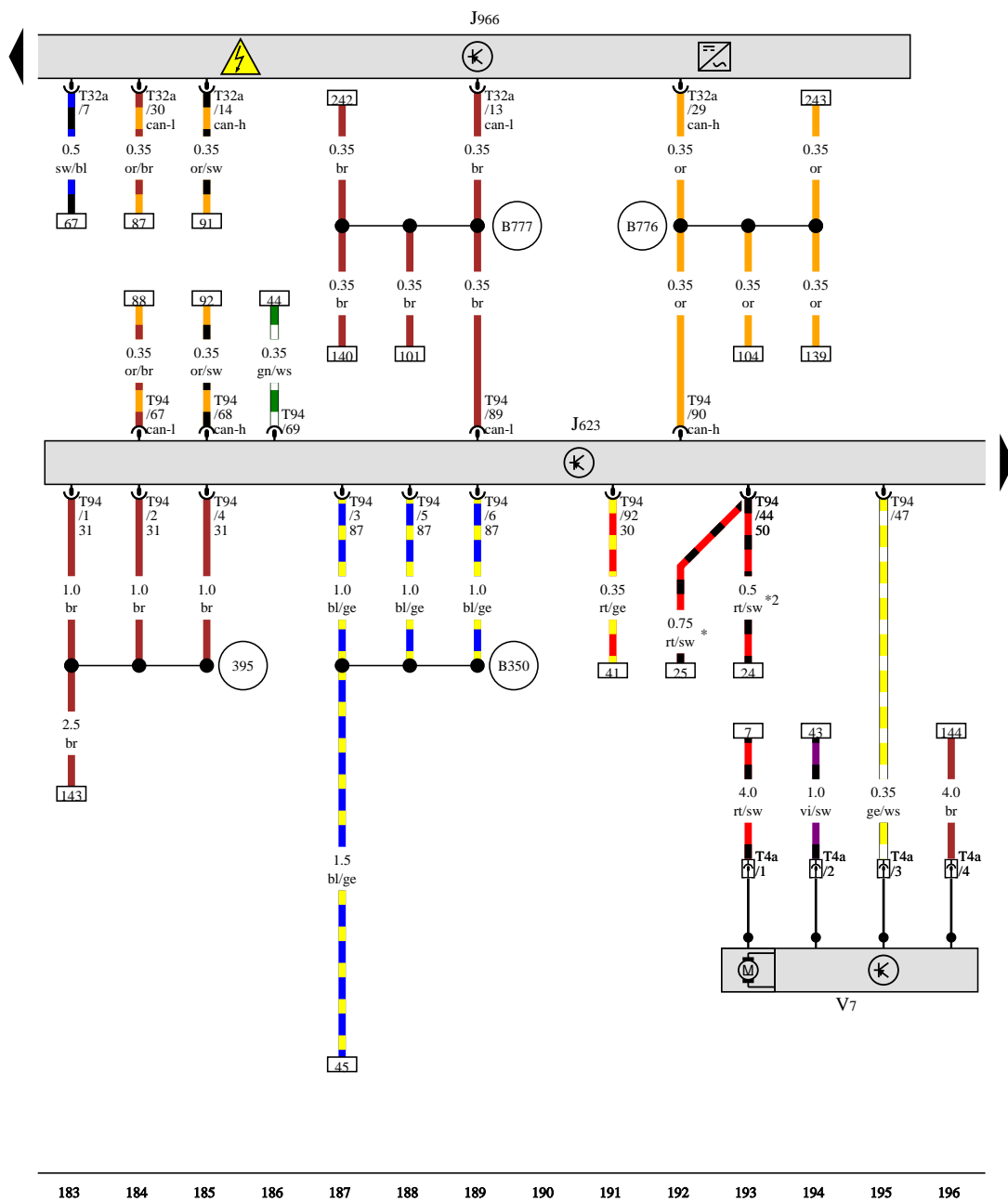
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Switch module 1 in centre console, Charge voltage control unit for high-voltage battery

- EX23 Switch module 1 in centre console
- E598 Driving program button
- E766 Immediate charge button
- E773 Button for emergency braking function
- J966 Charge voltage control unit for high-voltage battery
- K119 Charge air monitor warning lamp
- K243 Driving program warning light
- L156 Switch illumination bulb
- SD8 Fuse 8 on fuse holder D
- T8c 8-pin connector
- T32a 32-pin connector
- T32b 32-pin connector

- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- A1 Positive connection (30a), in dash panel wiring harness
- A19 Connection (58d), in dash panel wiring harness
- * For models with combined AC and DC charging system

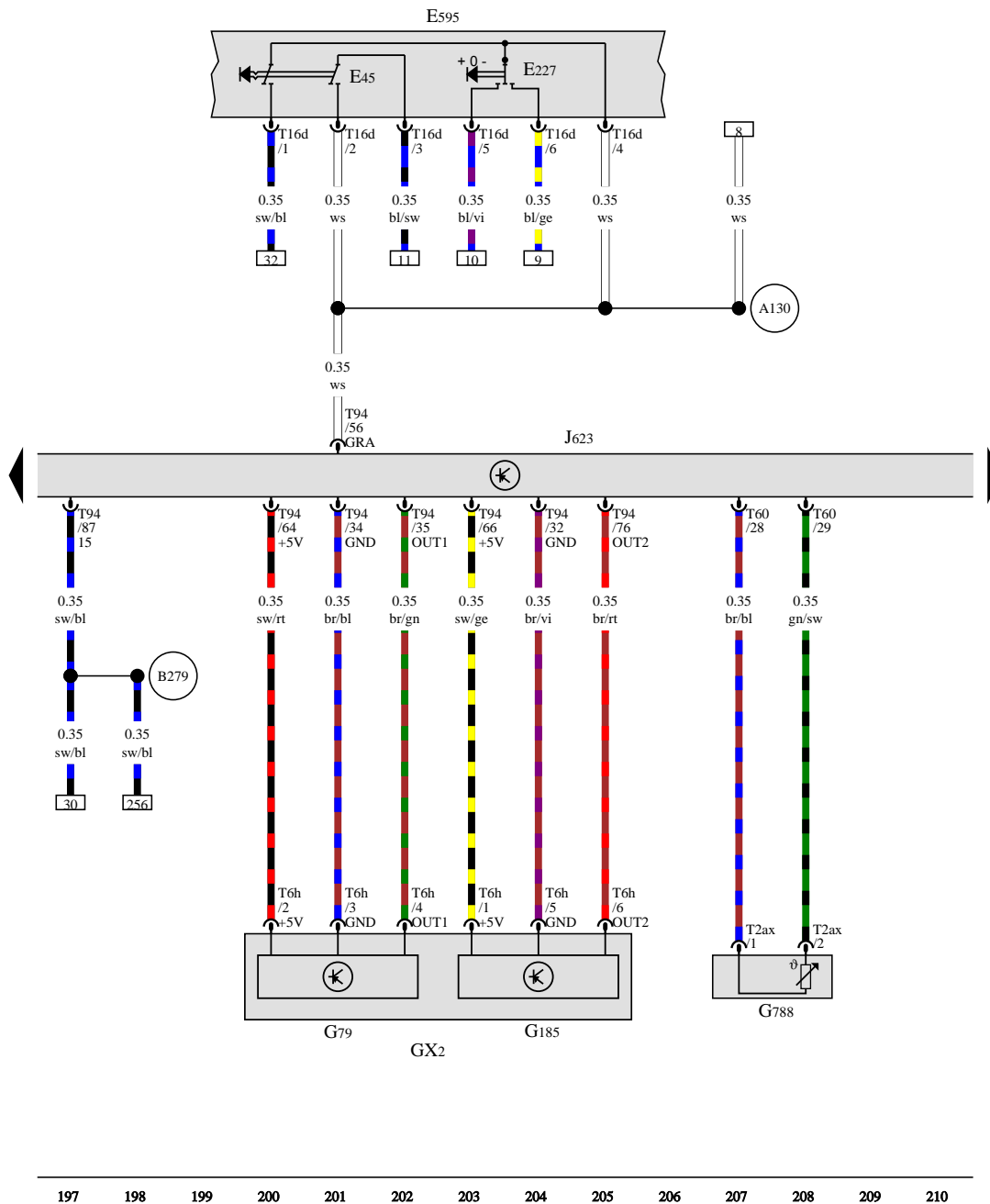


Engine/motor control unit, Charge voltage control unit for high-voltage battery, Radiator fan

- J623 Engine/motor control unit
- J966 Charge voltage control unit for high-voltage battery
- T4a 4-pin connector
- T32a 32-pin connector
- T94 94-pin connector
- V7 Radiator fan

- 395 Earth connection 30, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness

* From November 2013
 *2 Up to November 2013



Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Accelerator pedal module, Temperature sender after electric drive motor, Engine/motor control unit

- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G788 Temperature sender after electric drive motor
- J623 Engine/motor control unit
- T2ax 2-pin connector
- T6h 6-pin connector
- T16d 16-pin connector
- T60 60-pin connector
- T94 94-pin connector

A130 Connection (CCS), in dash panel wiring harness

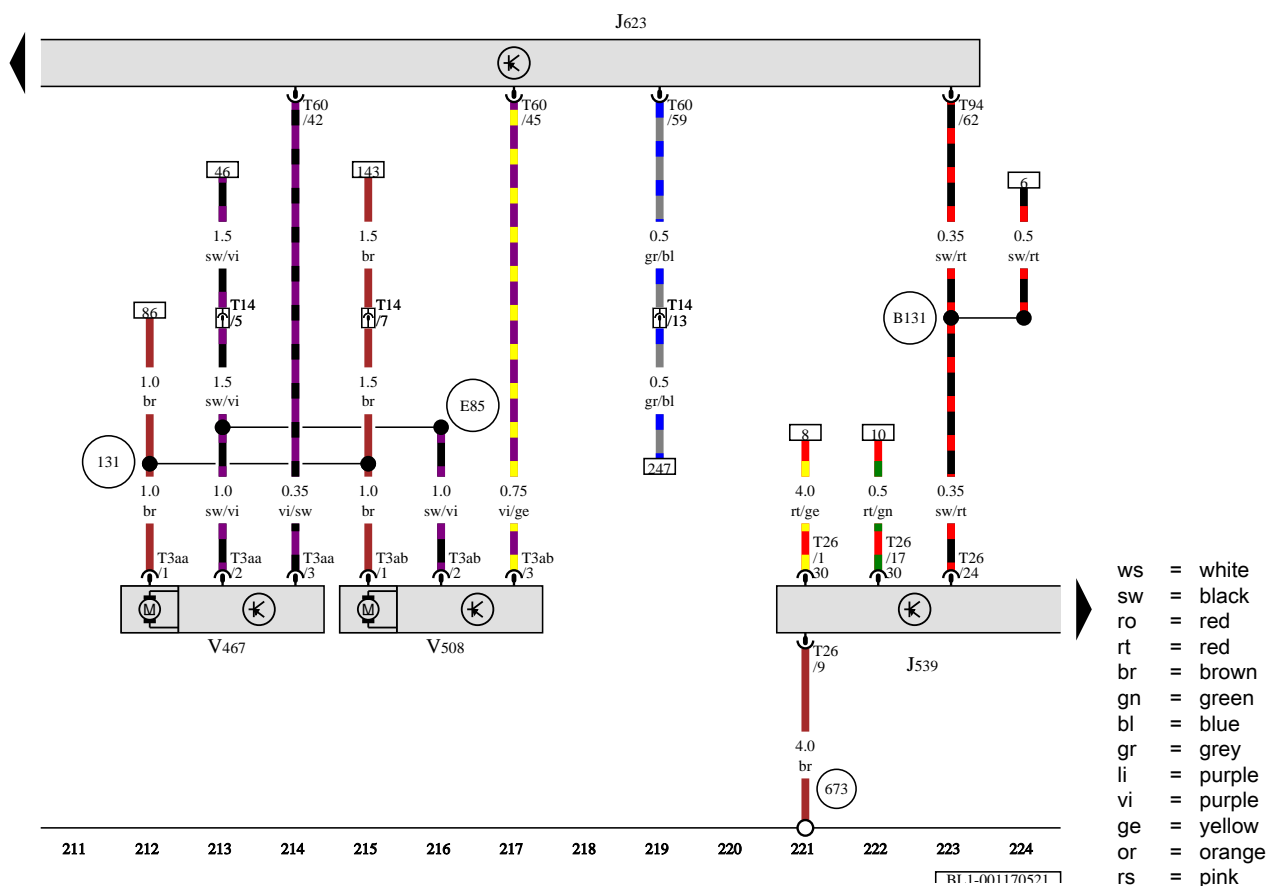
B279 Positive connection 3 (15a) in main wiring harness

- 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

Brake servo control unit, Engine/motor control unit,
Coolant pump for high-temperature circuit, Coolant
circulation pump before power and control electronics for
electric drive

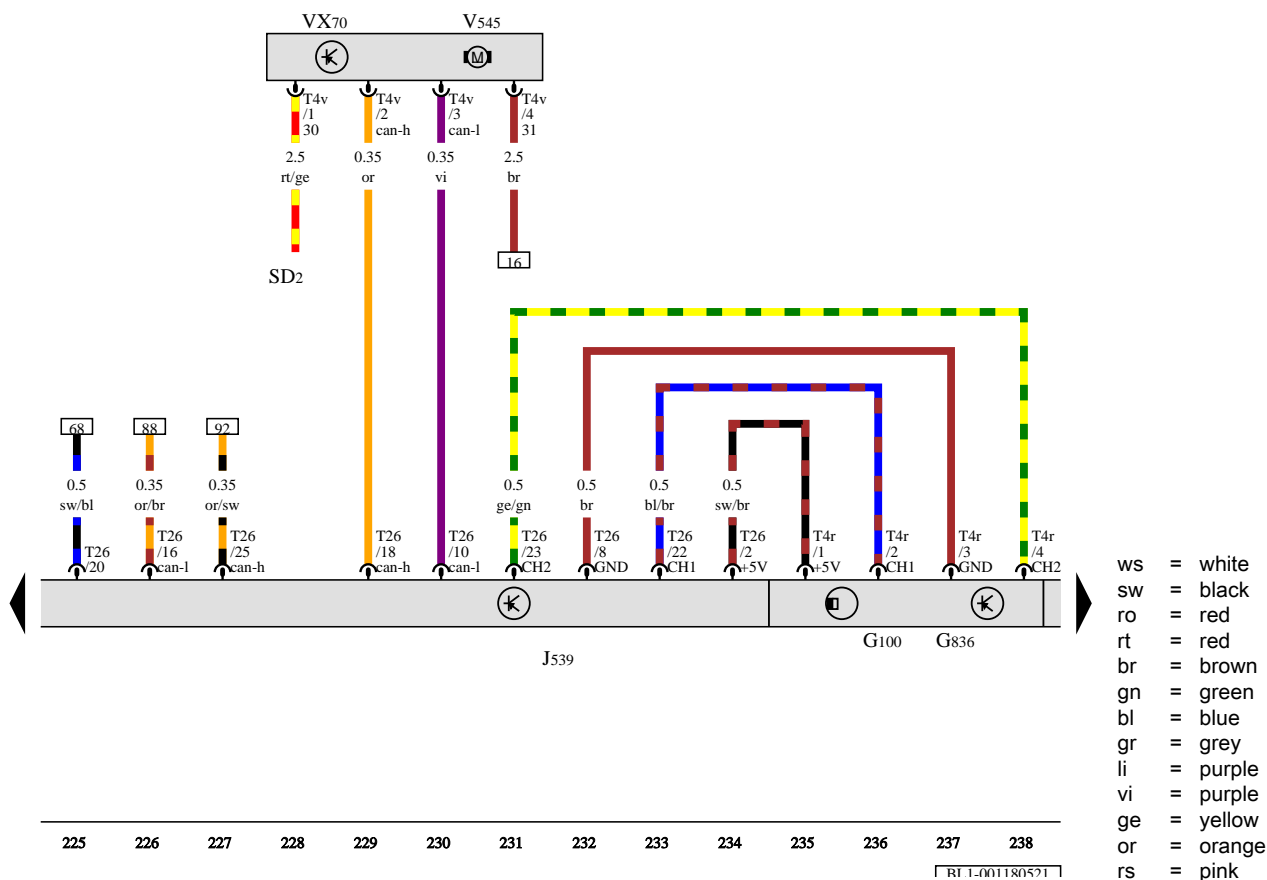
- J539 Brake servo control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector
- T3ab 3-pin connector
- T14 14-pin connector
- T26 26-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

- 131 Earth connection 2, in engine compartment wiring harness
- 673 Earth point 3, on front of left longitudinal member
- B131 Connection (54), in interior wiring harness
- E85 Connection 9 (87a) in engine wiring harness



Brake pedal position sender, Brake servo control unit,
Brake system pressure accumulator

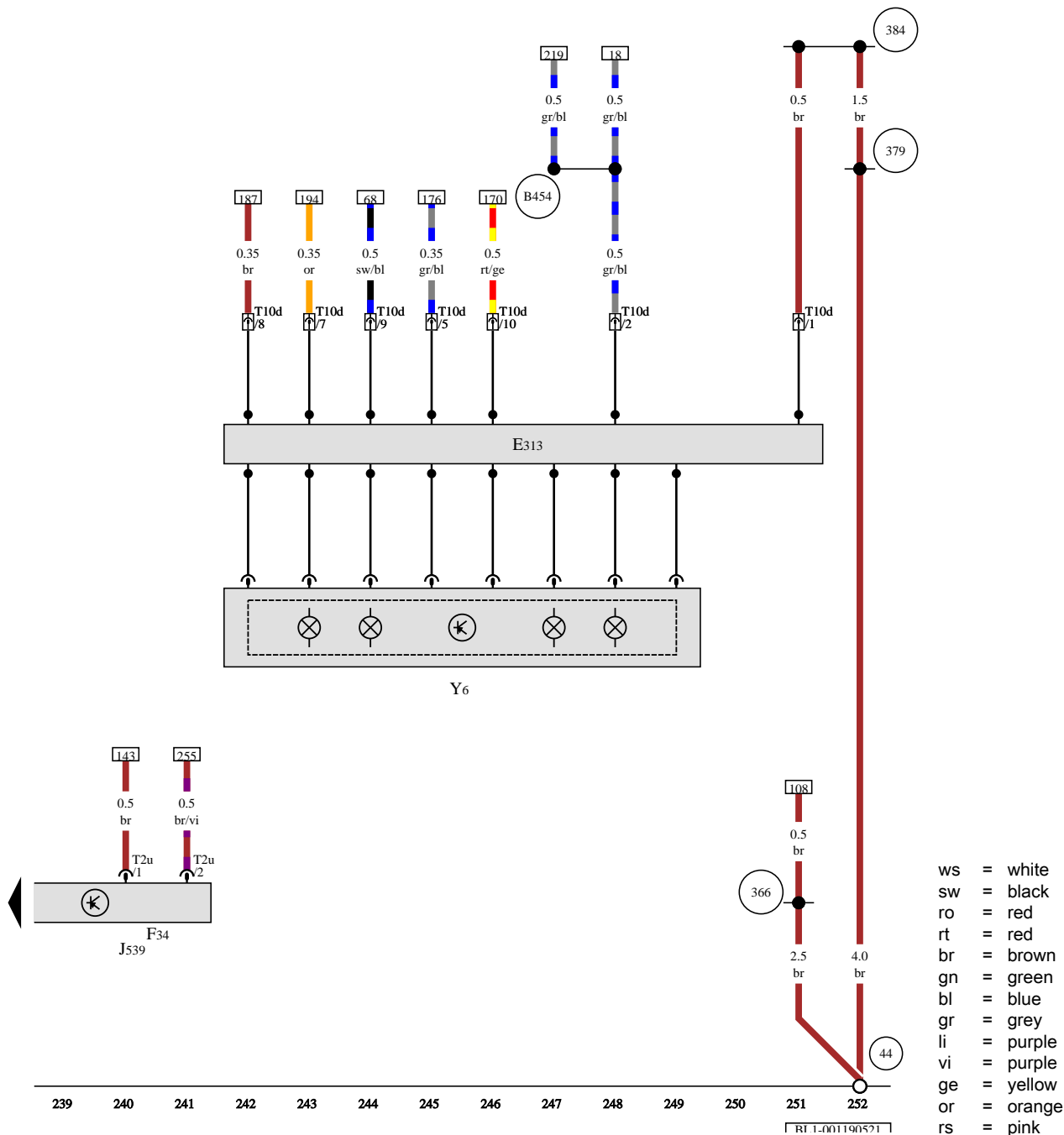
- G100 Brake pedal position sender
- G836 Brake pedal position sender 2
- J539 Brake servo control unit
- SD2 Fuse 2 on fuse holder D
- T4r 4-pin connector
- T4v 4-pin connector
- T26 26-pin connector
- VX70 Brake system pressure accumulator
- V545 Motor in brake pressure accumulator for energy recovery



Selector lever, Brake fluid level warning contact, Brake servo control unit, Selector lever position display

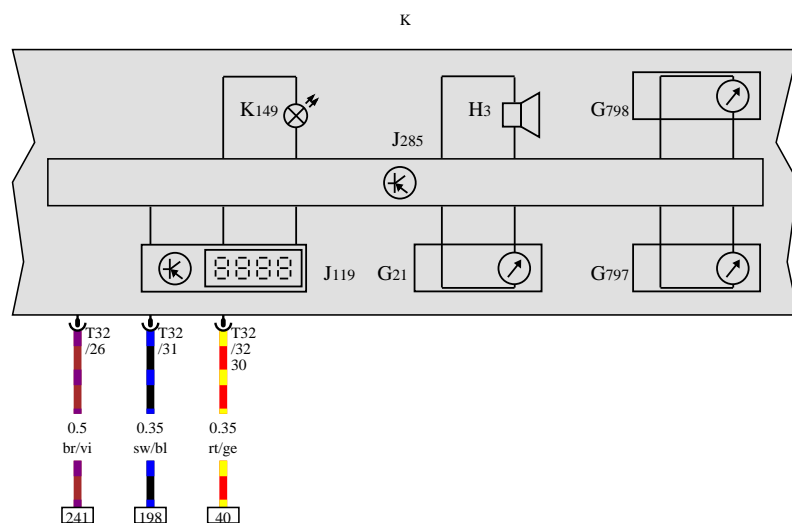
- E313 Selector lever
- F34 Brake fluid level warning contact
- J539 Brake servo control unit
- T2u 2-pin connector
- T10d 10-pin connector
- Y6 Selector lever position display

- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- B454 Connection (shift lock), in main wiring harness



Speedometer, Charge level display, Operating range display, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

- G21 Speedometer
- G797 Charge level display
- G798 Operating range display
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K149 Engine electronics warning lamp
- T32 32-pin connector



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

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

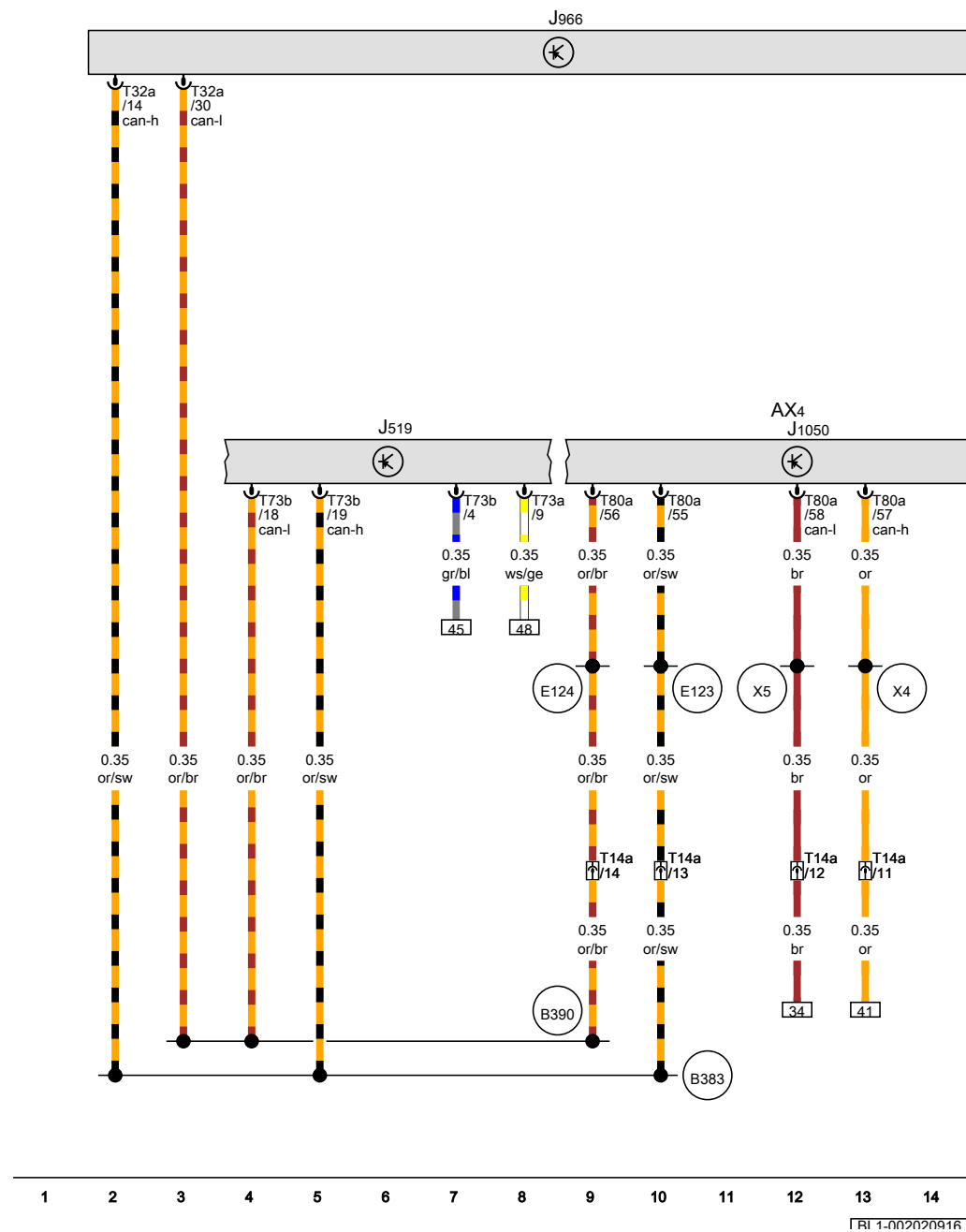
[RT 1-001200521]

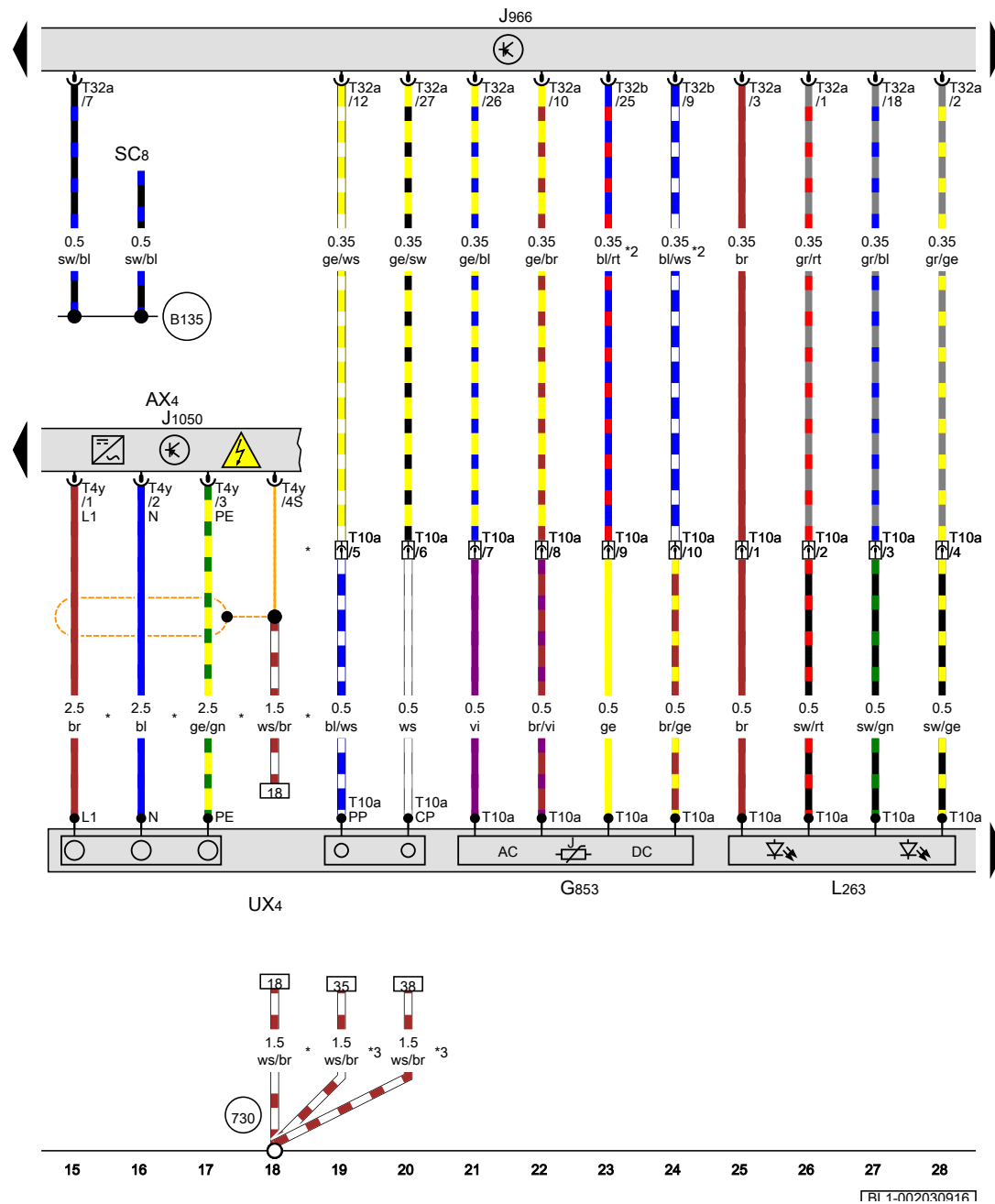
Charging sockets for high-voltage system

From July 2013

Charging unit 1 for high-voltage battery, Charge voltage control unit for high-voltage battery

- AX4 Charging unit 1 for high-voltage battery
- J519 Onboard supply control unit
- J966 Charge voltage control unit for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- T14a 14-pin connector
- T32a 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- T80a 80-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness





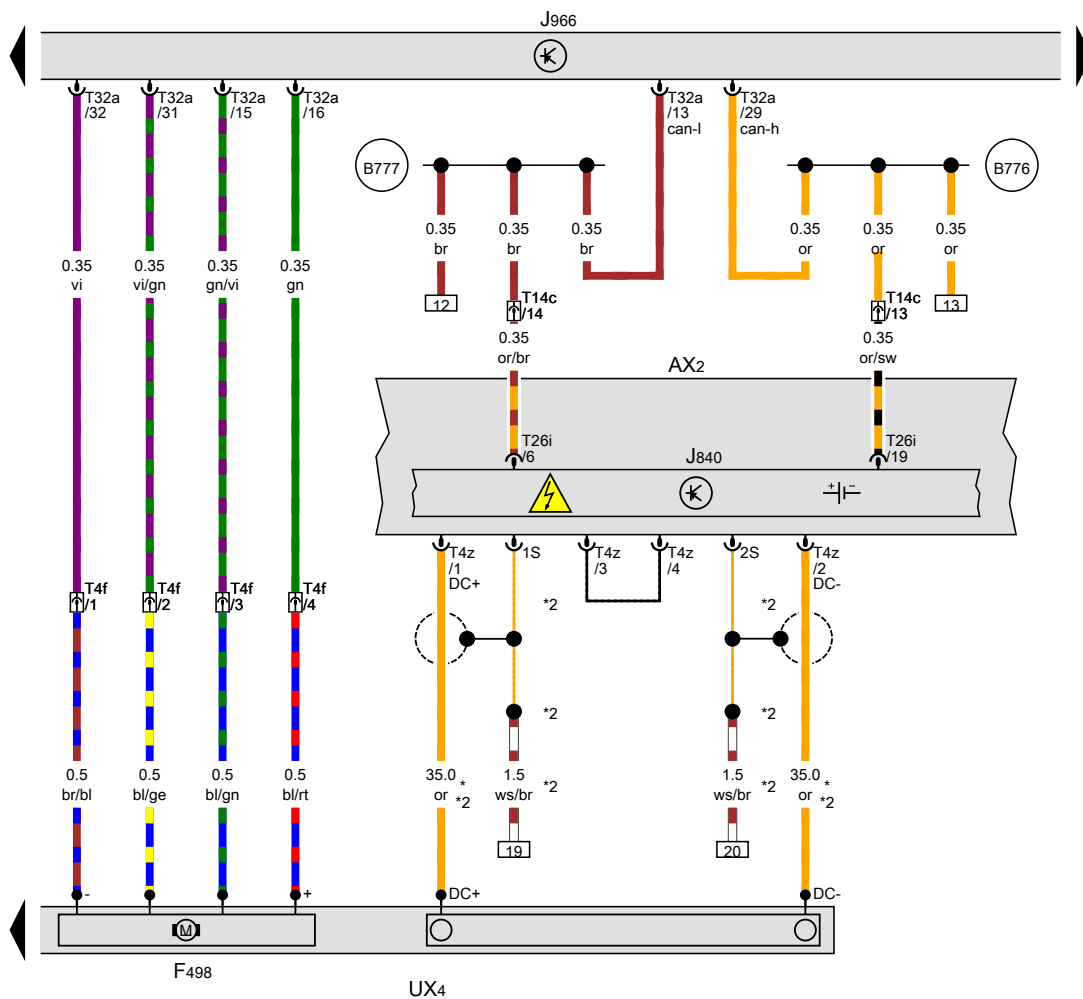
Charging unit 1 for high-voltage battery, Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- AX4 Charging unit 1 for high-voltage battery
- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- L263 LED module for charging socket 1
- SC8 Fuse 8 on fuse holder C
- T4y 4-pin connector
- T10a 10-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- UX4 High-voltage battery charging socket 1

730 Earth point 1, on right rear wheel housing

B135 Connection 1 (15a), in interior wiring harness

- * High-voltage wire 1 for high-voltage charge current distributor/ high-voltage charging socket (P18)
- *2 Only models with combined AC and DC charging system
- *3 High-voltage wire for high-voltage battery charging (P52)



Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- AX2 High-voltage battery 1
- F498 Actuator for high-voltage charging socket lock 1
- J840 Battery regulation control unit
- J966 Charge voltage control unit for high-voltage battery
- T4f 4-pin connector
- T4z 4-pin connector
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 32-pin connector
- UX4 High-voltage battery charging socket 1

B776 Connection 1 (hybrid CAN bus, high) in main wiring harness

B777 Connection 1 (hybrid CAN bus, low) in main wiring harness

* Only models with combined AC and DC charging system

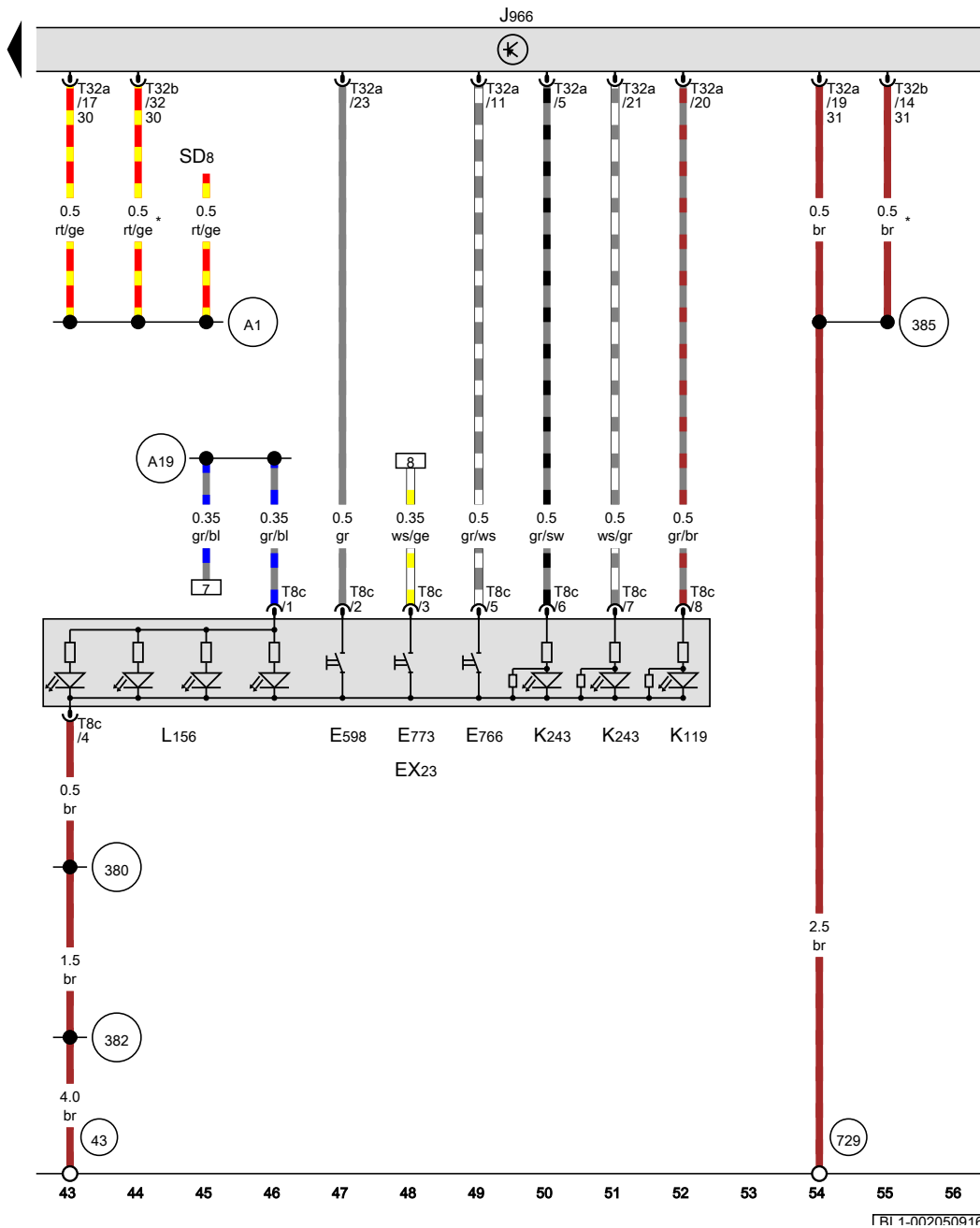
*2 High-voltage wire for high-voltage battery charging (P52)

- 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

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

1-002040916

Switch module 1 in centre console, Charge voltage control unit for high-voltage battery



- EX23 Switch module 1 in centre console
- E598 Driving program button
- E766 Immediate charge button
- E773 Button for emergency braking function
- J966 Charge voltage control unit for high-voltage battery
- K119 Charge air monitor warning lamp
- K243 Driving program warning light
- L156 Switch illumination bulb
- SD8 Fuse 8 on fuse holder D
- T8c 8-pin connector
- T32a 32-pin connector
- T32b 32-pin connector

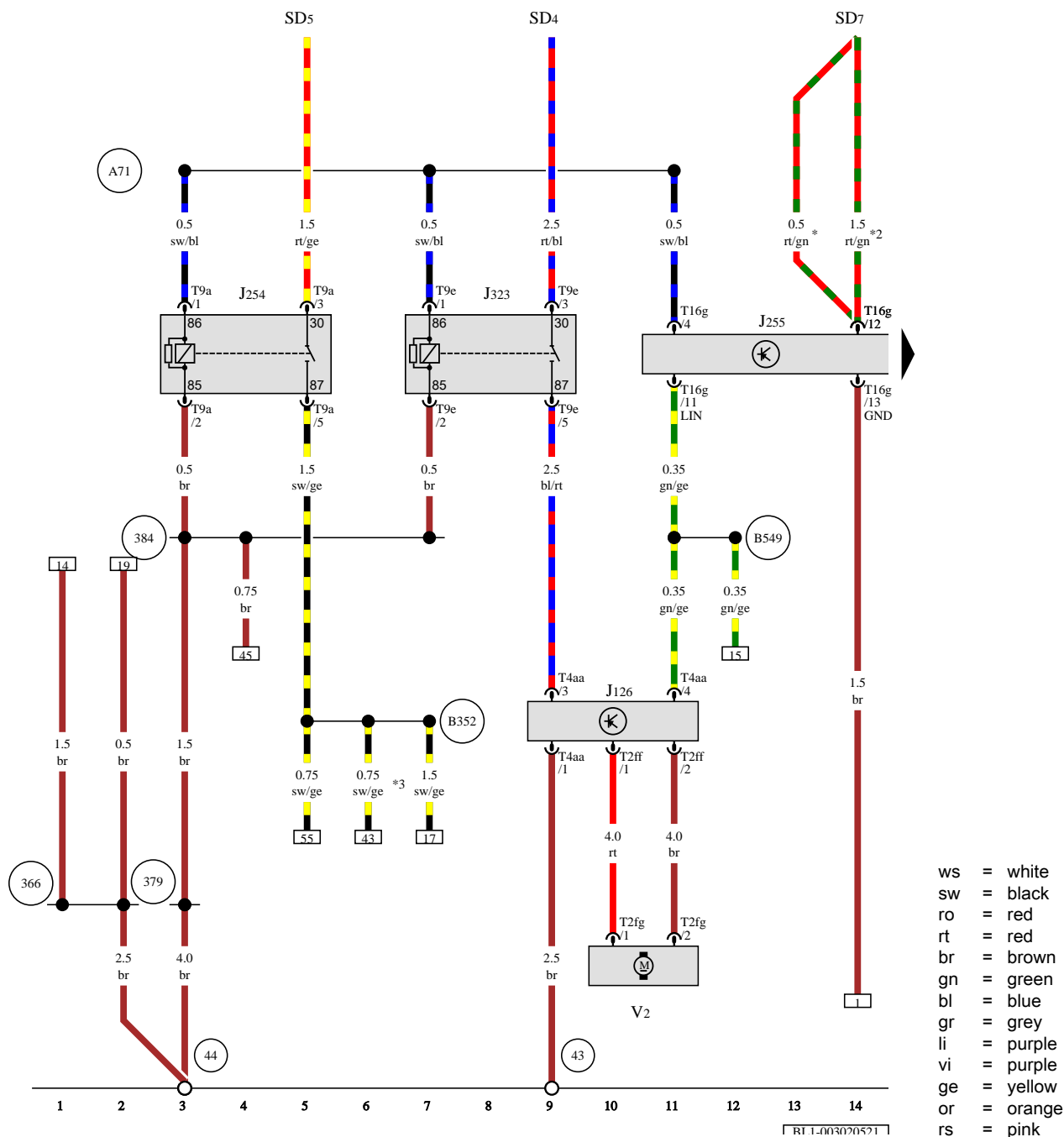
- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- A1 Positive connection (30a), in dash panel wiring harness
- A19 Connection (58d), in dash panel wiring harness

* Only models with combined AC and DC charging 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

Climatronic

From July 2013



Fresh air blower control unit, Climatronic relay, Climatronic control unit, Blower relay

J126	Fresh air blower control unit
J254	Climatronic relay
J255	Climatronic control unit
J323	Blower relay
SD4	Fuse 4 on fuse holder D
SD5	Fuse 5 on fuse holder D
SD7	Fuse 7 on fuse holder D
T2ff	2-pin connector, black
T2fg	2-pin connector, black
T4aa	4-pin connector
T9a	9-pin connector
T9e	9-pin connector
T16g	16-pin connector, black
V2	Fresh air blower

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- A71 Connection (86), in dash panel wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

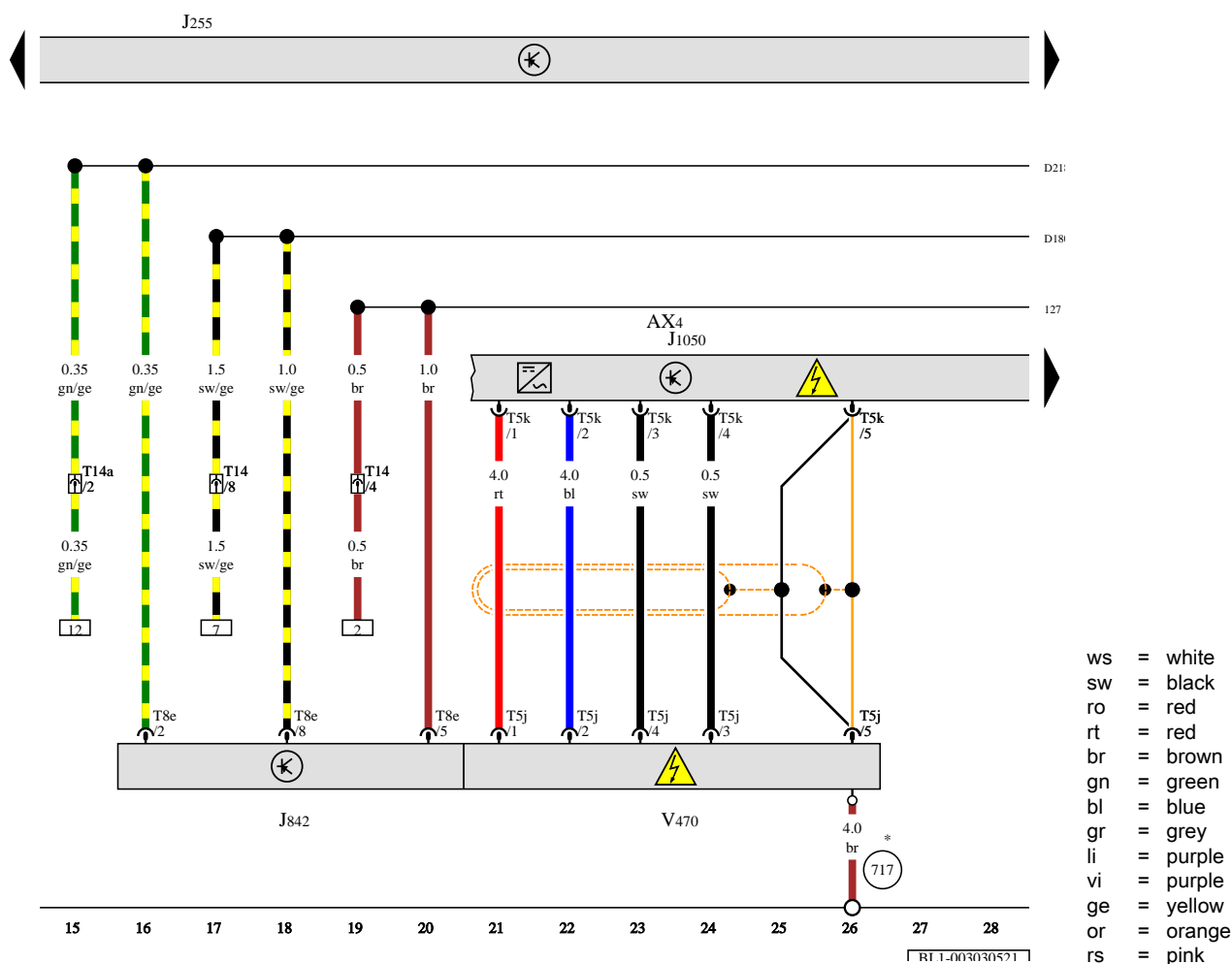
- * From November 2013
- *2 Up to November 2013
- *3 Up to August 2016

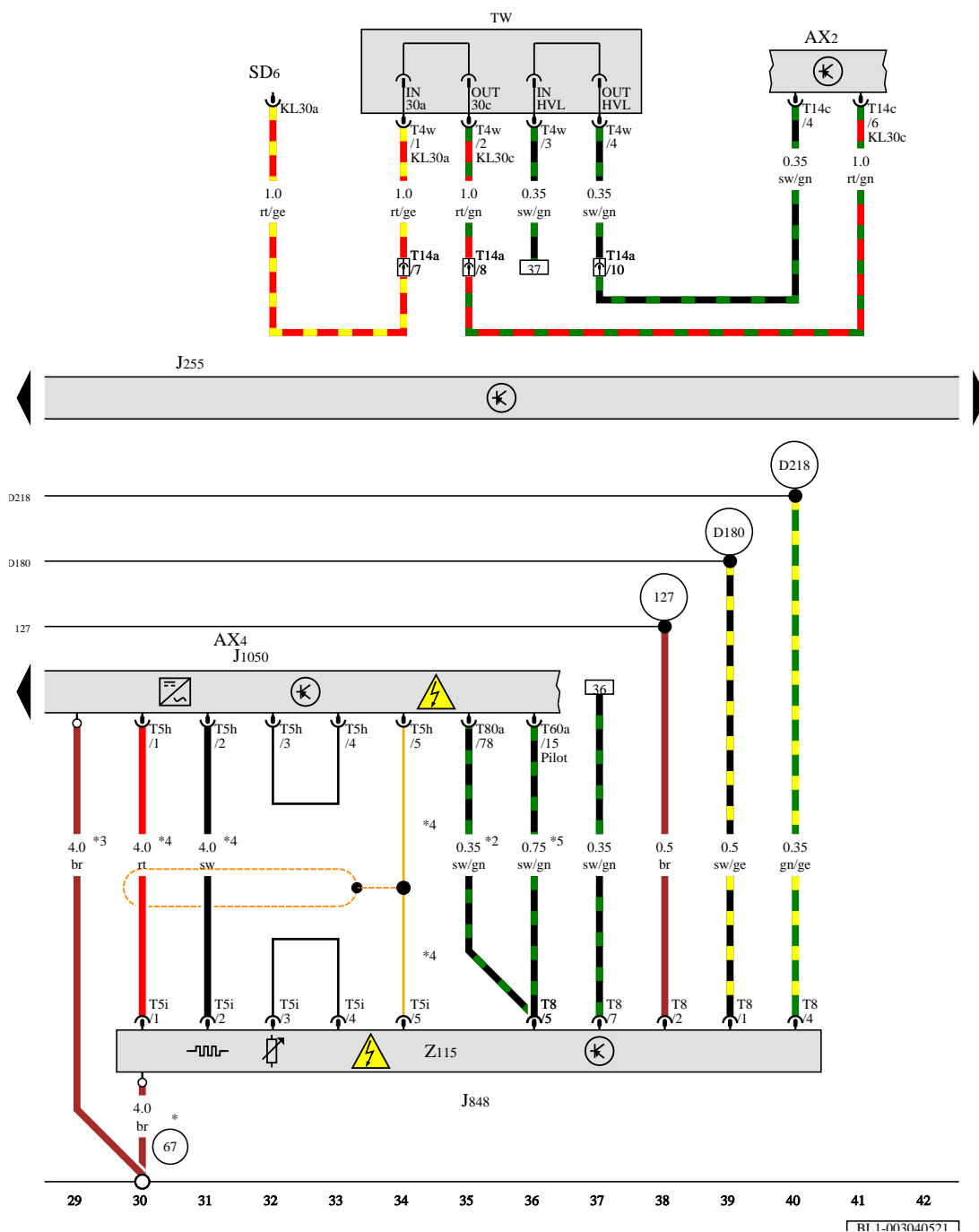
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Climatronic control unit, Control unit for air conditioner compressor, Control unit for high-voltage battery charging unit, Electrical air conditioner compressor

- AX4 Charging unit 1 for high-voltage battery
- J255 Climatronic control unit
- J842 Control unit for air conditioner compressor
- J1050 Control unit for high-voltage battery charging unit
- T5j 5-pin connector
- T5k 5-pin connector
- T8e 8-pin connector
- T14 14-pin connector
- T14a 14-pin connector
- V470 Electrical air conditioner compressor

- 127 Earth connection 1, in air conditioner compressor wiring harness
- 717 Earth point on front right of cross member
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * Potential equalisation line for control unit for air conditioner compressor (P82)





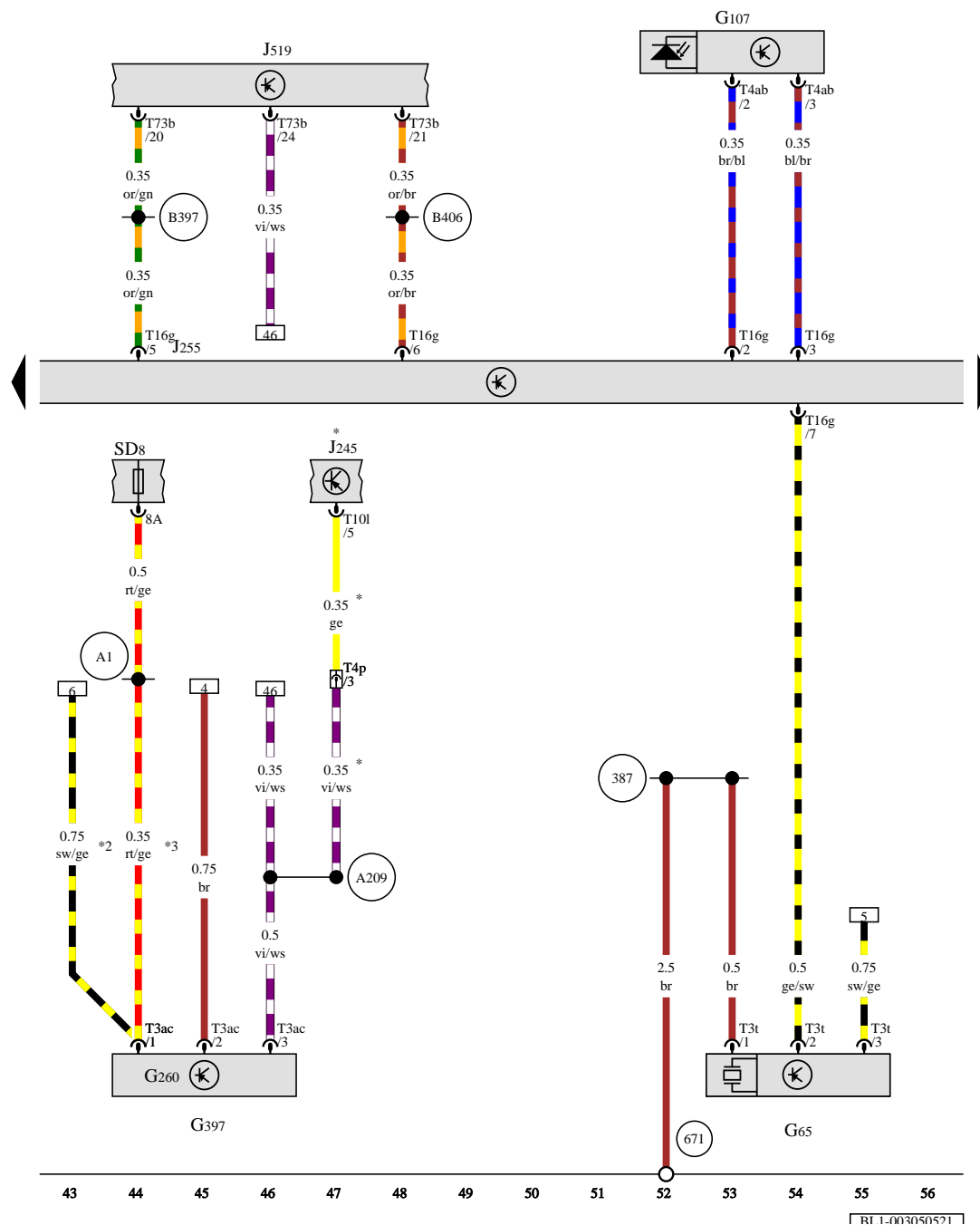
Climatronic control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit, Maintenance connector for high-voltage system

- AX2 High-voltage battery 1
- AX4 Charging unit 1 for high-voltage battery
- J255 Climatronic control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- SD6 Fuse 6 on fuse holder D
- T4w 4-pin connector
- T5h 5-pin connector
- T5i 5-pin connector
- T8 8-pin connector
- T14a 14-pin connector
- T14c 14-pin connector
- T60a 60-pin connector, black
- T80a 80-pin connector
- TW Maintenance connector for high-voltage system
- Z115 High-voltage heater (PTC)

- 67 Earth point, on left of front cross member
- 127 Earth connection 1, in air conditioner compressor wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness

- * Potential equalisation line for high-voltage heater (PTC) (P84)
- *2 Up to August 2019
- *3 Potential equalisation line for charging unit 1 for high-voltage battery (P68)
- *4 High-voltage wire for high-voltage heater (PTC) (P11)
- *5 From August 2019

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, Sunlight penetration photosensor, Rain and light sensor, Climatronic control unit, Onboard supply control unit

- G65 High-pressure sender
- G107 Sunlight penetration photosensor
- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J245 Sliding sunroof adjustment control unit
- J255 Climatronic control unit
- J519 Onboard supply control unit
- SD8 Fuse 8 on fuse holder D
- T3ac 3-pin connector
- T3t 3-pin connector
- T4ab 4-pin connector
- T4p 4-pin connector
- T10l 10-pin connector, black
- T16g 16-pin connector, black
- T73b 73-pin connector

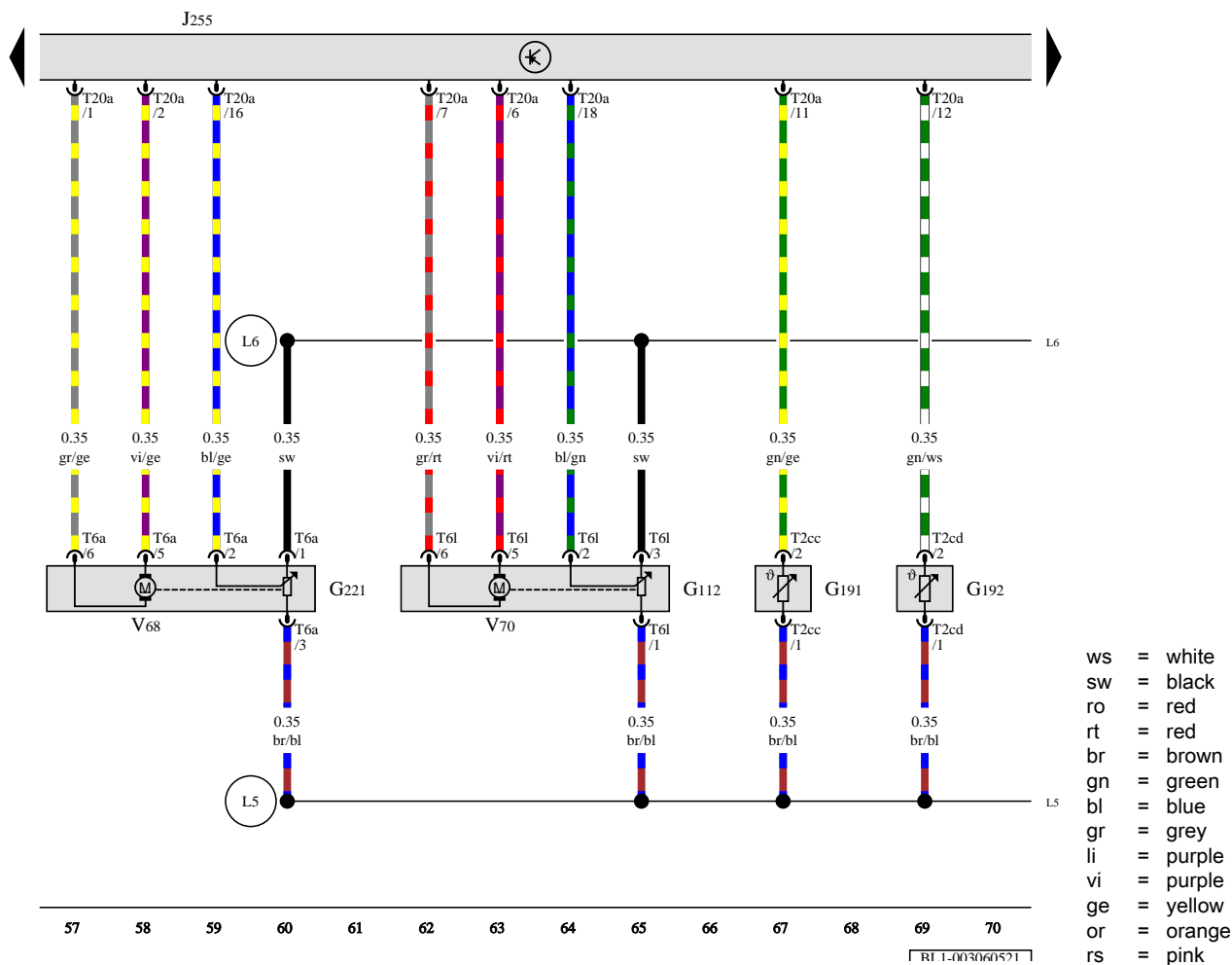
- 387 Earth connection 22, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- A1 Positive connection (30a), in dash panel wiring harness
- A209 Connection 1 (LIN bus) in dash panel wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * Up to August 2019
- *2 Up to August 2016
- *3 From August 2016

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

Centre vent temperature sender, Footwell vent temperature sender, Climatronic control unit, Temperature flap control motor, Centre flap control motor

- G112 Potentiometer for centre flap control motor
- G191 Centre vent temperature sender
- G192 Footwell vent temperature sender
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit
- T2cc 2-pin connector, black
- T2cd 2-pin connector, black
- T6a 6-pin connector, blue
- T6l 6-pin connector, blue
- T20a 20-pin connector, red
- V68 Temperature flap control motor
- V70 Centre flap control motor

- L5 Connection 1, in air conditioning unit wiring harness
- L6 Connection 2, in air conditioning unit wiring harness



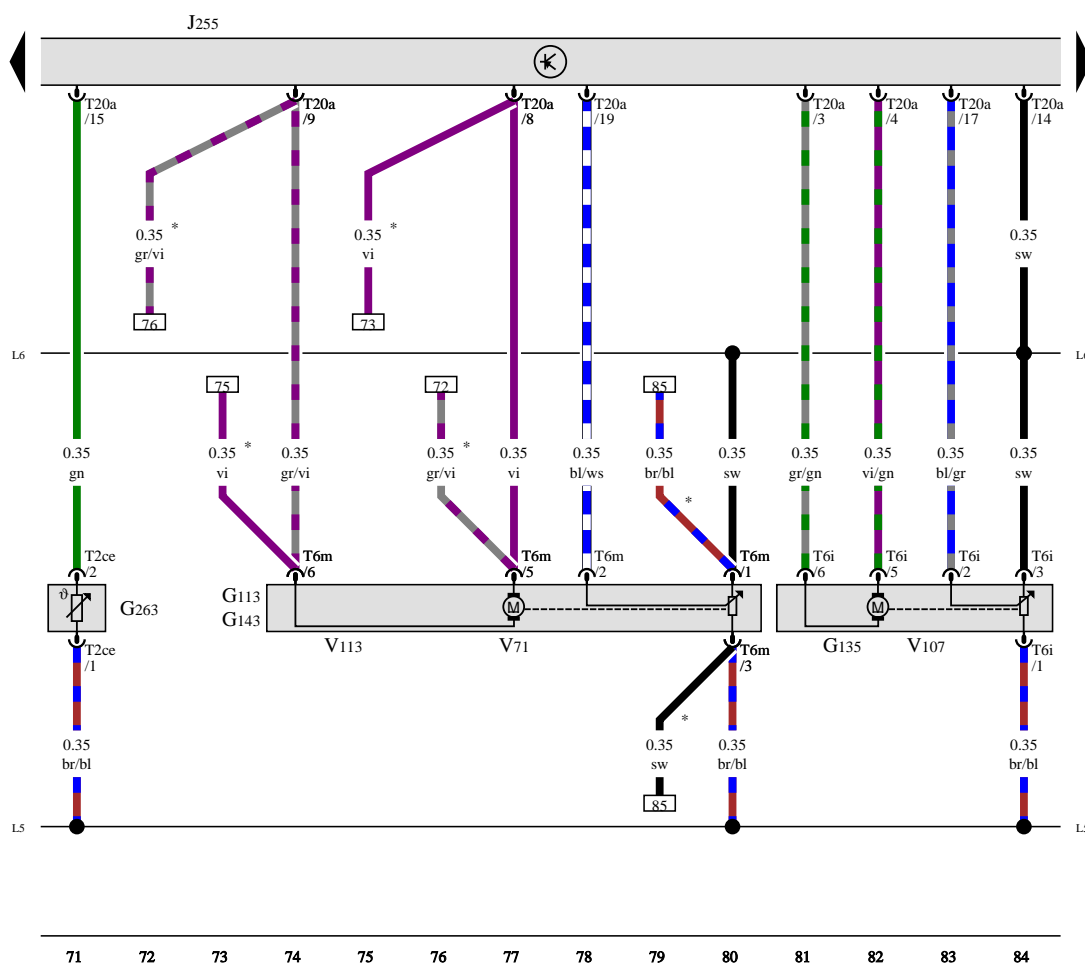
Evaporator output temperature sender, Climatronic control unit, Air flow flap control motor, Defroster flap control motor, Air recirculation flap control motor

- G113 Potentiometer for air flow flap control motor
- G135 Potentiometer for defroster flap control motor
- G143 Potentiometer for air recirculation flap control motor
- G263 Evaporator output temperature sender
- J255 Climatronic control unit
- T2ce 2-pin connector, black
- T6i 6-pin connector, blue
- T6m 6-pin connector, blue
- T20a 20-pin connector, red
- V71 Air flow flap control motor
- V107 Defroster flap control motor
- V113 Air recirculation flap control motor

L5 Connection 1, in air conditioning unit wiring harness

L6 Connection 2, in air conditioning unit wiring harness

* For right-hand drive models



Climatronic control unit

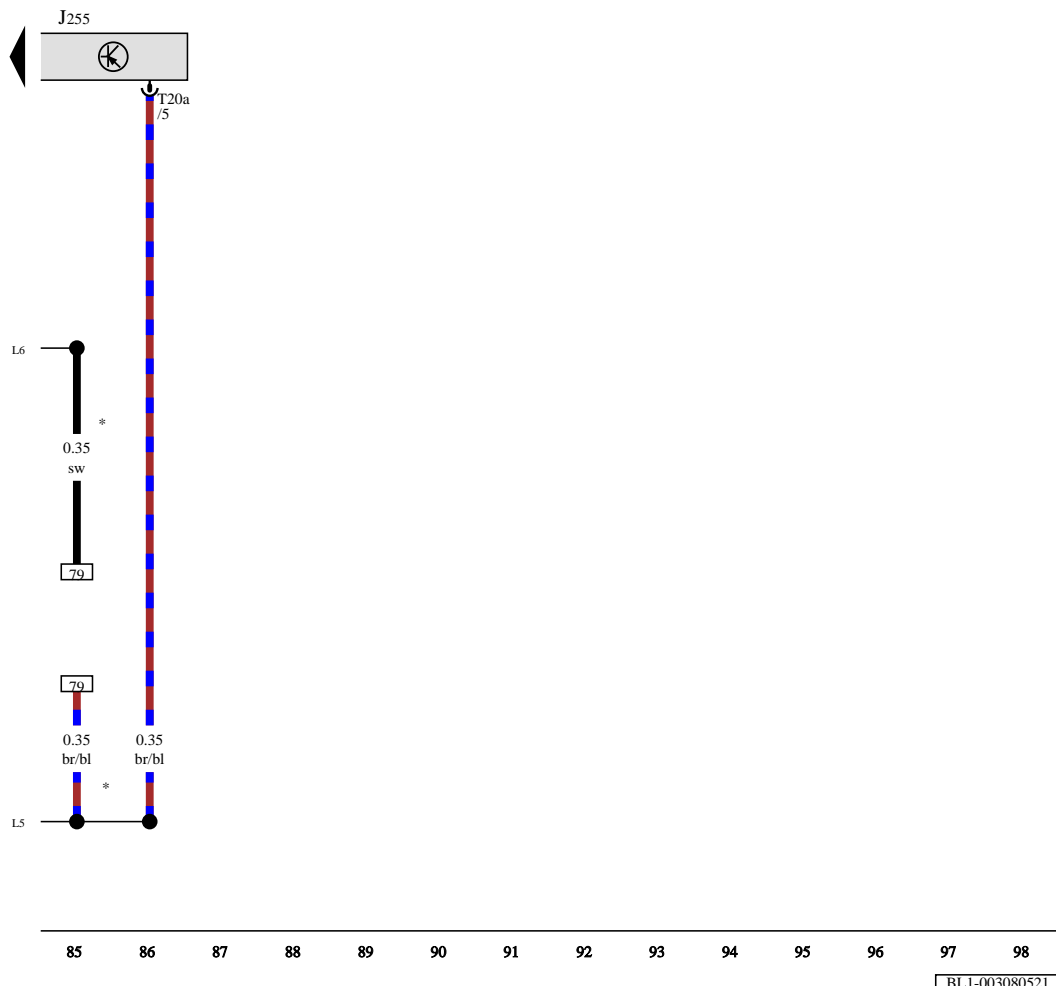
J255 Climatronic control unit

T20a 20-pin connector, red

L5 Connection 1, in air conditioning unit wiring harness

L6 Connection 2, in air conditioning unit wiring harness

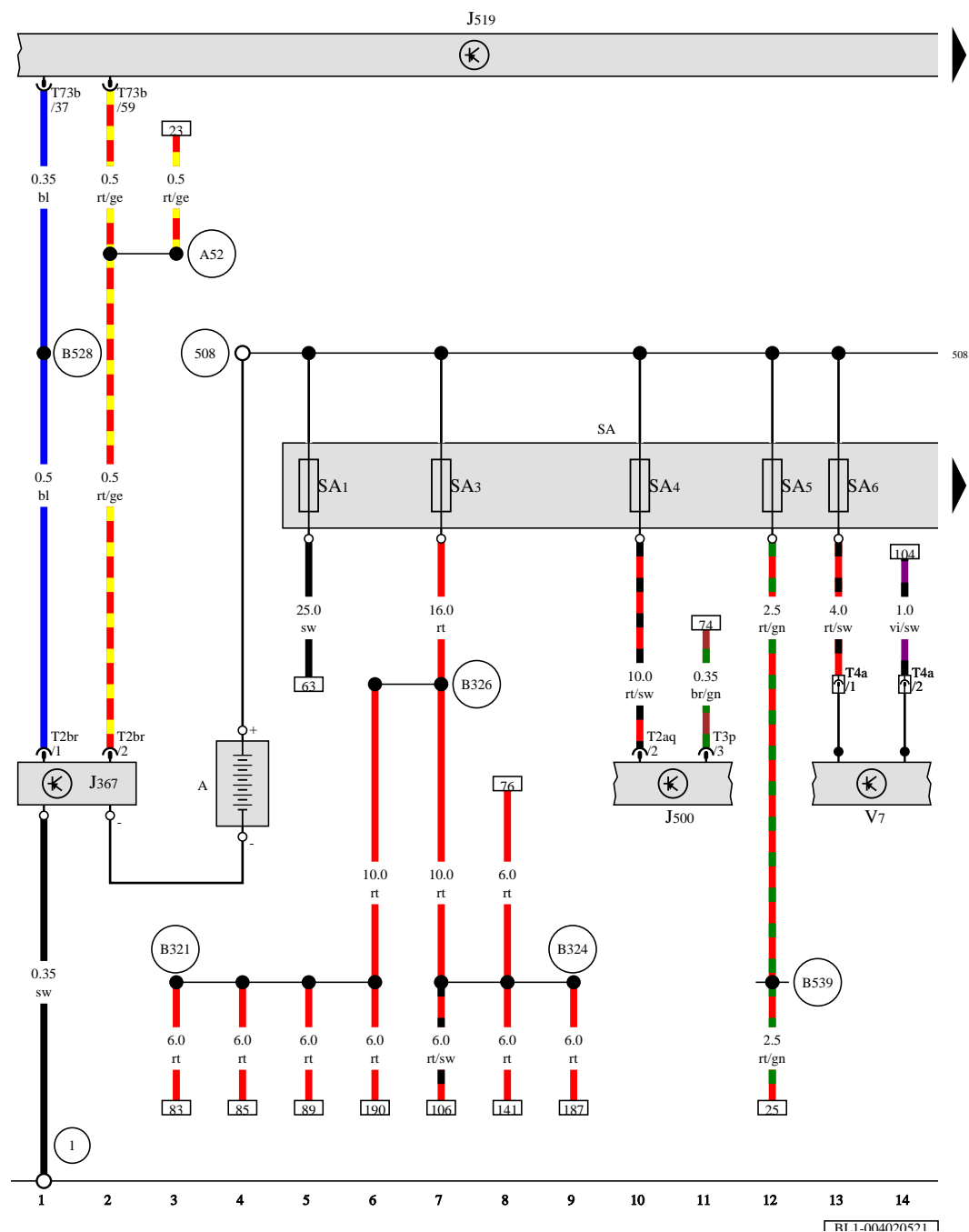
* For right-hand drive models



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

Fuse assignment

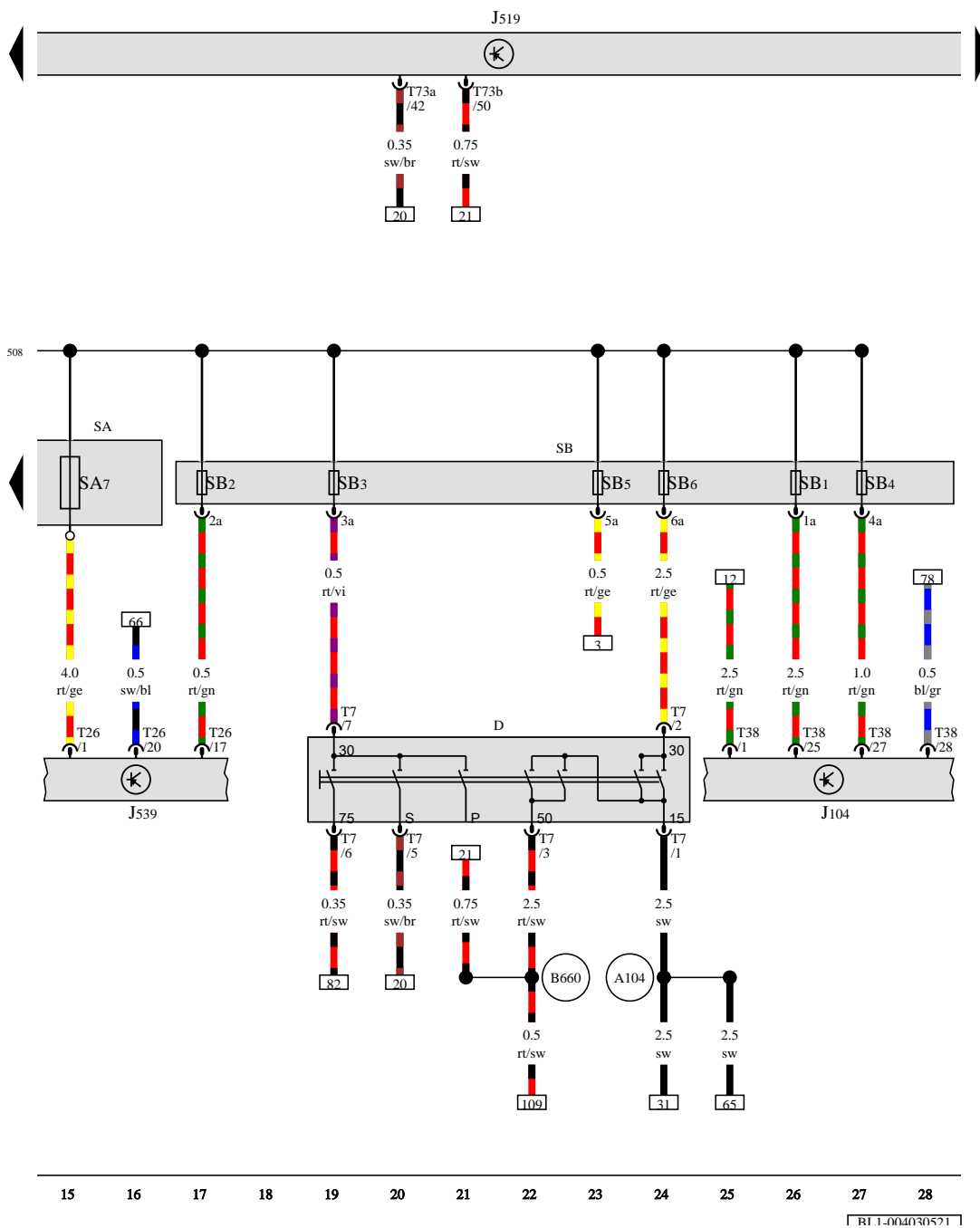
From July 2013



Battery, Battery monitor control unit, Fuse holder A

- | | |
|------|--|
| A | Battery |
| J367 | Battery monitor control unit |
| J500 | Power steering control unit |
| J519 | Onboard supply control unit |
| SA | Fuse holder A |
| SA1 | Fuse 1 on fuse holder A |
| SA3 | Fuse 3 on fuse holder A |
| SA4 | Fuse 4 on fuse holder A |
| SA5 | Fuse 5 on fuse holder A |
| SA6 | Fuse 6 on fuse holder A |
| T2aq | 2-pin connector |
| T2br | 2-pin connector |
| T3p | 3-pin connector |
| T4a | 4-pin connector, on radiator fan |
| T73b | 73-pin connector |
| V7 | Radiator fan |
| 1 | Earth strap, battery - body |
| 508 | Threaded connection (30) on E-box |
| A52 | Positive connection 2 (30), in dash panel wiring harness |
| B321 | Positive connection 7 (30a) in main wiring harness |
| B324 | Positive connection 10 (30a) in main wiring harness |
| B326 | Positive connection 12 (30a) in main wiring harness |
| B528 | Connection 1 (LIN bus) in main wiring harness |
| B539 | Connection 30, 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

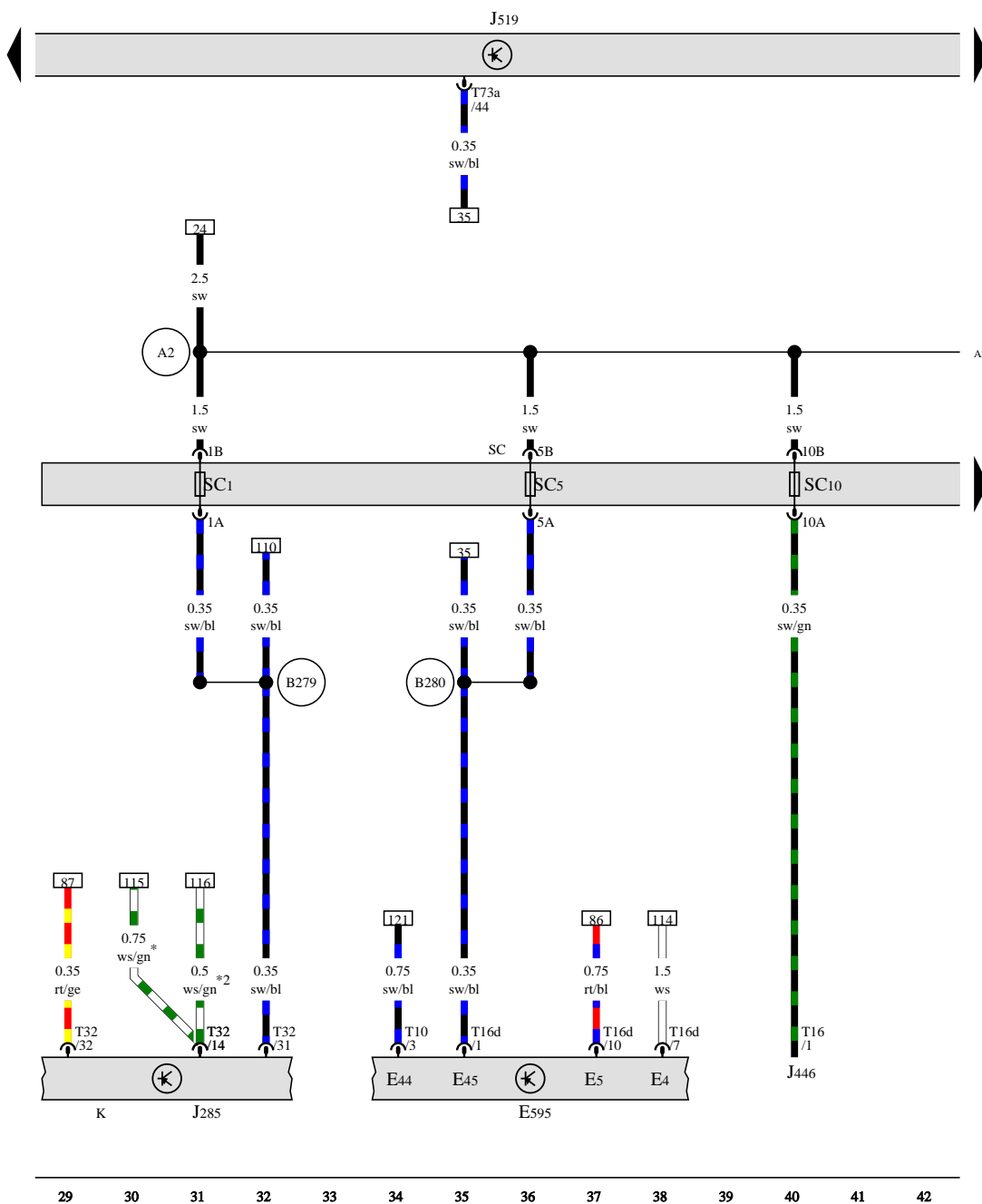


Ignition/starter switch, Fuse holder A, Fuse holder B

- D Ignition/starter switch
- J104 ABS control unit
- J519 Onboard supply control unit
- J539 Brake servo control unit
- SA Fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SA7 Fuse 7 on fuse holder A
- T7 7-pin connector
- T26 26-pin connector
- T38 38-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- 508 Threaded connection (30) on E-box
- A104 Positive connection 2 (15), in dash panel wiring harness
- B660 Connection (diagnosis terminal 50), 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



Fuse holder C

- E4 Headlight dipper and flasher switch
- E5 Headlight flasher switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E45 Cruise control system switch
- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- J519 Onboard supply control unit
- K Dash panel insert
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T10 10-pin connector
- T16 16-pin connector
- T16d 16-pin connector
- T32 32-pin connector
- T73a 73-pin connector

A2 Positive connection (15), in dash panel wiring harness

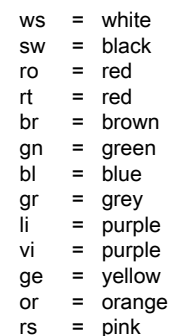
B279 Positive connection 3 (15a) in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

* From November 2013

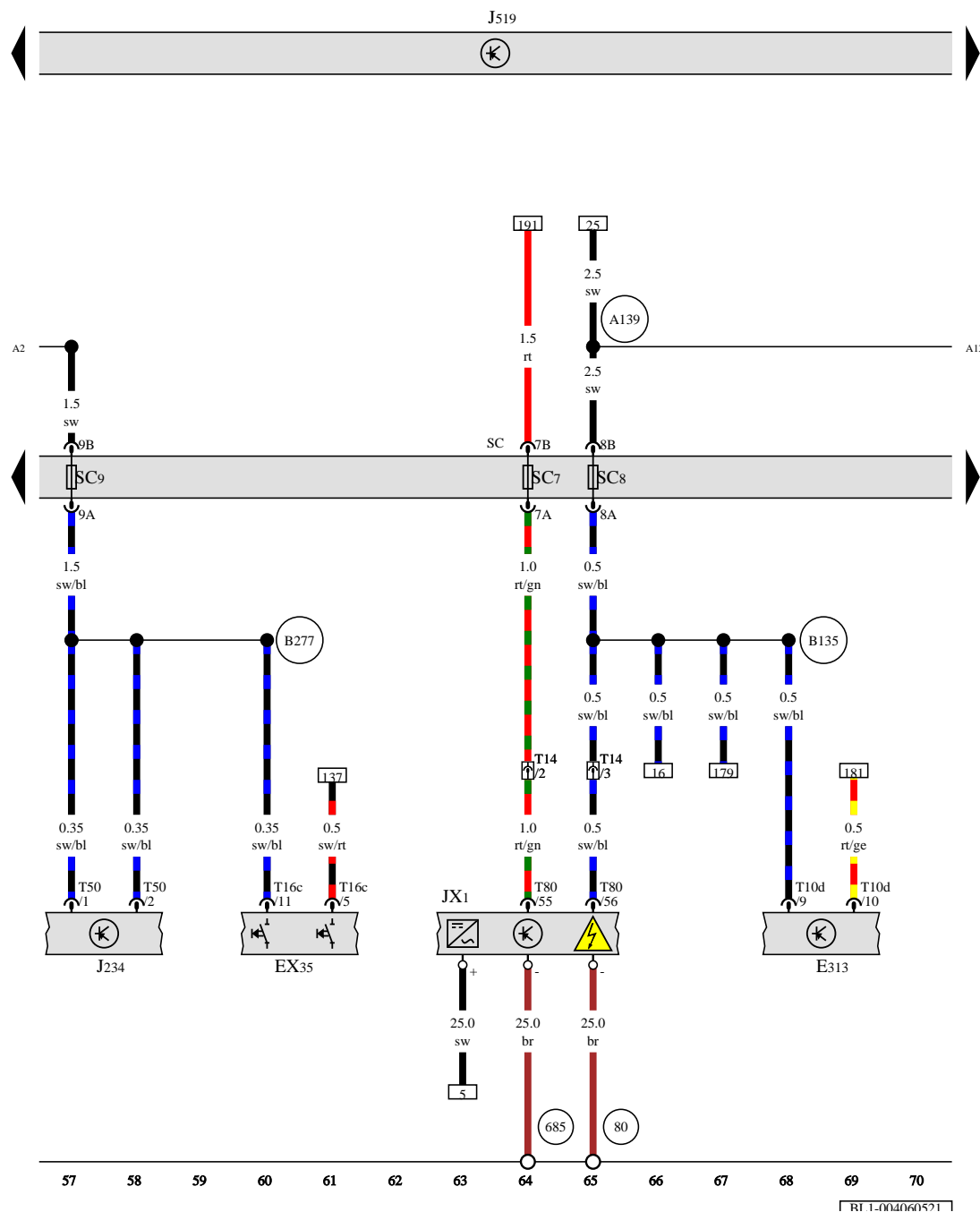
*2 Up to November 2013

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



E43	Mirror adjustment switch
E102	Headlight range control regulator
J519	Onboard supply control unit
MX1	Front left headlight
MX2	Front right headlight
M30	Left headlight main beam bulb
M32	Right headlight main beam bulb
SC	Fuse holder C
SC2	Fuse 2 on fuse holder C
SC6	Fuse 6 on fuse holder C
T3e	3-pin connector
T3f	3-pin connector
T3h	3-pin connector
T3n	3-pin connector
T6e	6-pin connector
T10e	10-pin connector
T16f	16-pin connector
T28	28-pin connector, in front left door
U31	Diagnostic connection
V48	Left headlight range control motor
V49	Right headlight range control motor

*2 Up to November 2013

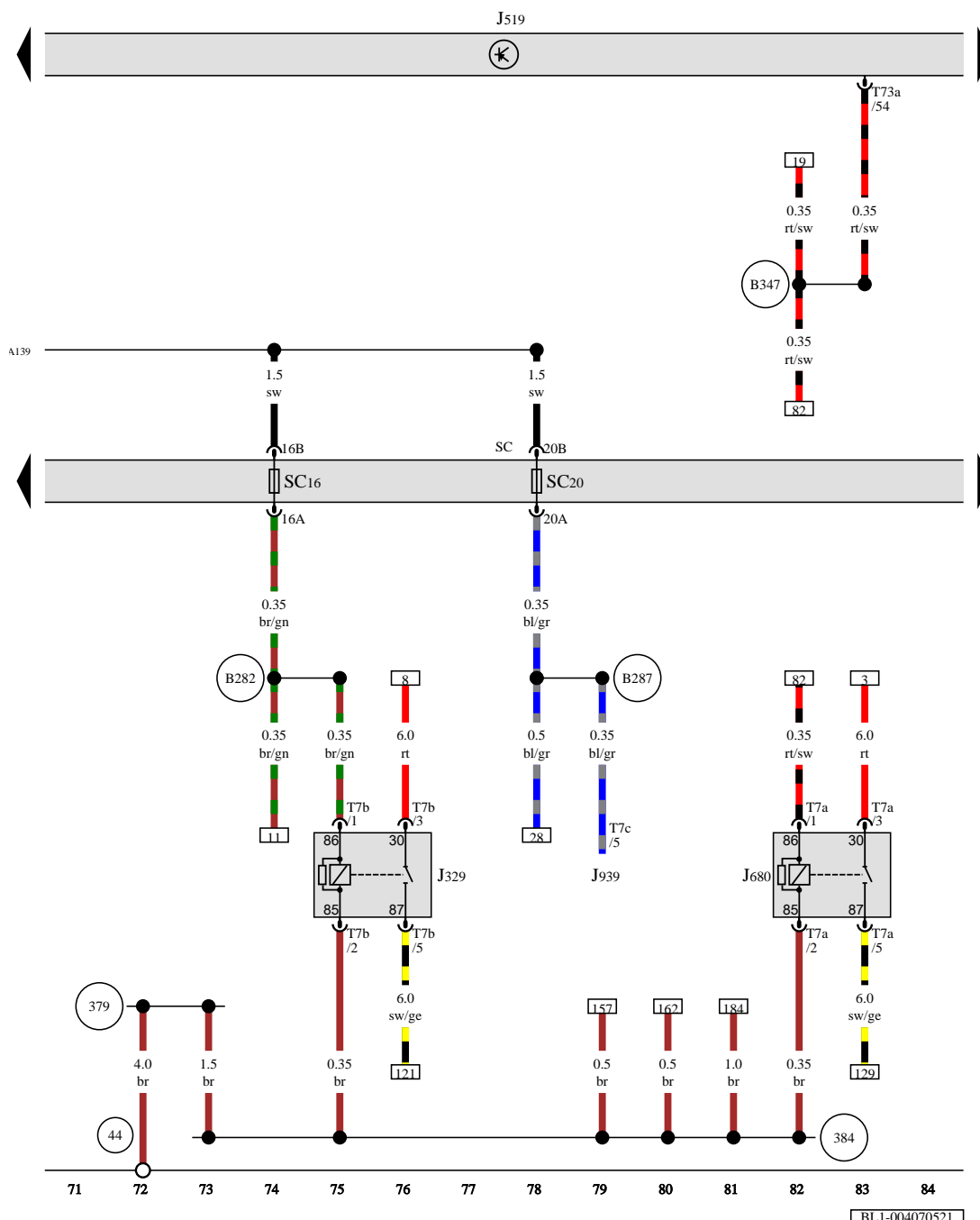


Fuse holder C

- EX35 Centre switch module 2 in dash panel
- E313 Selector lever
- JX1 Power and control electronics for electric drive
- J234 Airbag control unit
- J519 Onboard supply control unit
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T10d 10-pin connector
- T14 14-pin connector, on left in engine compartment
- T16c 16-pin connector
- T50 50-pin connector
- T80 80-pin connector

- (80) Earth point, on centre of front cross member
- (685) Earth point 1, on front of right longitudinal member
- A2 Positive connection (15), in dash panel wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B135 Connection 1 (15a), in interior wiring harness
- B277 Positive connection 1 (15a) 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

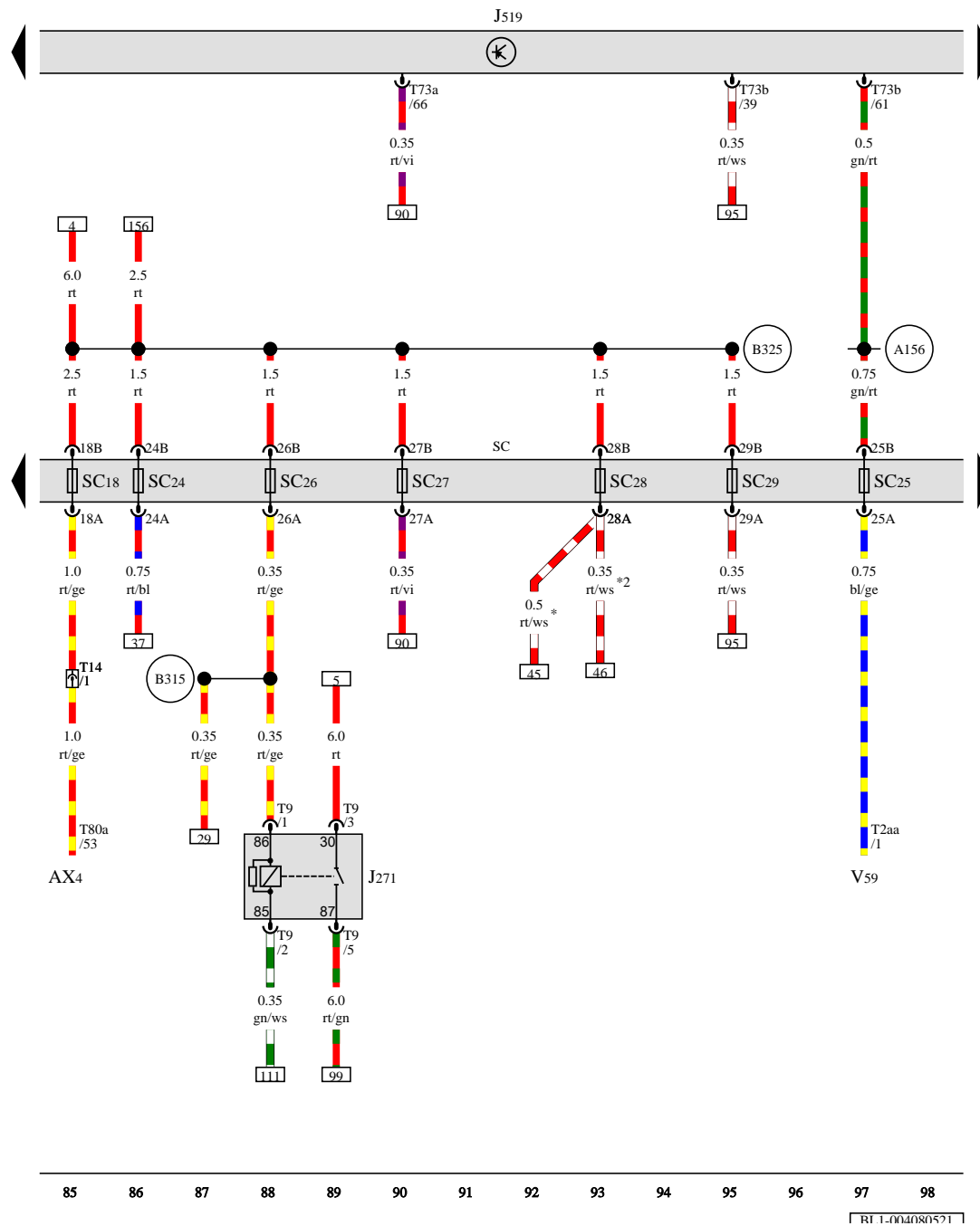


Terminal 15 voltage supply relay, Terminal 75 voltage supply relay 1, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- J939 Emergency braking function sensor unit
- SC Fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- T7a 7-pin connector
- T7b 7-pin connector
- T7c 7-pin connector
- T73a 73-pin connector

- 44 Earth point, lower part of left A-pillar
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B287 Positive connection 11 (15a) in main wiring harness
- B347 Connection 2 (75), 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



Main relay, Fuse holder C

AX4 Charging unit 1 for high-voltage battery

J271 Main relay

J519 Onboard supply control unit

SC Fuse holder C

SC18 Fuse 18 on fuse holder C

SC24 Fuse 24 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

SC28 Fuse 28 on fuse holder C

SC29 Fuse 29 on fuse holder C

T2aa 2-pin connector

T9 9-pin connector

T14 14-pin connector, on left in engine compartment

T73a 73-pin connector

T73b 73-pin connector

T80a 80-pin connector

V59 Windscreen and rear window washer pump

A156 Connection (53c), in dash panel wiring harness

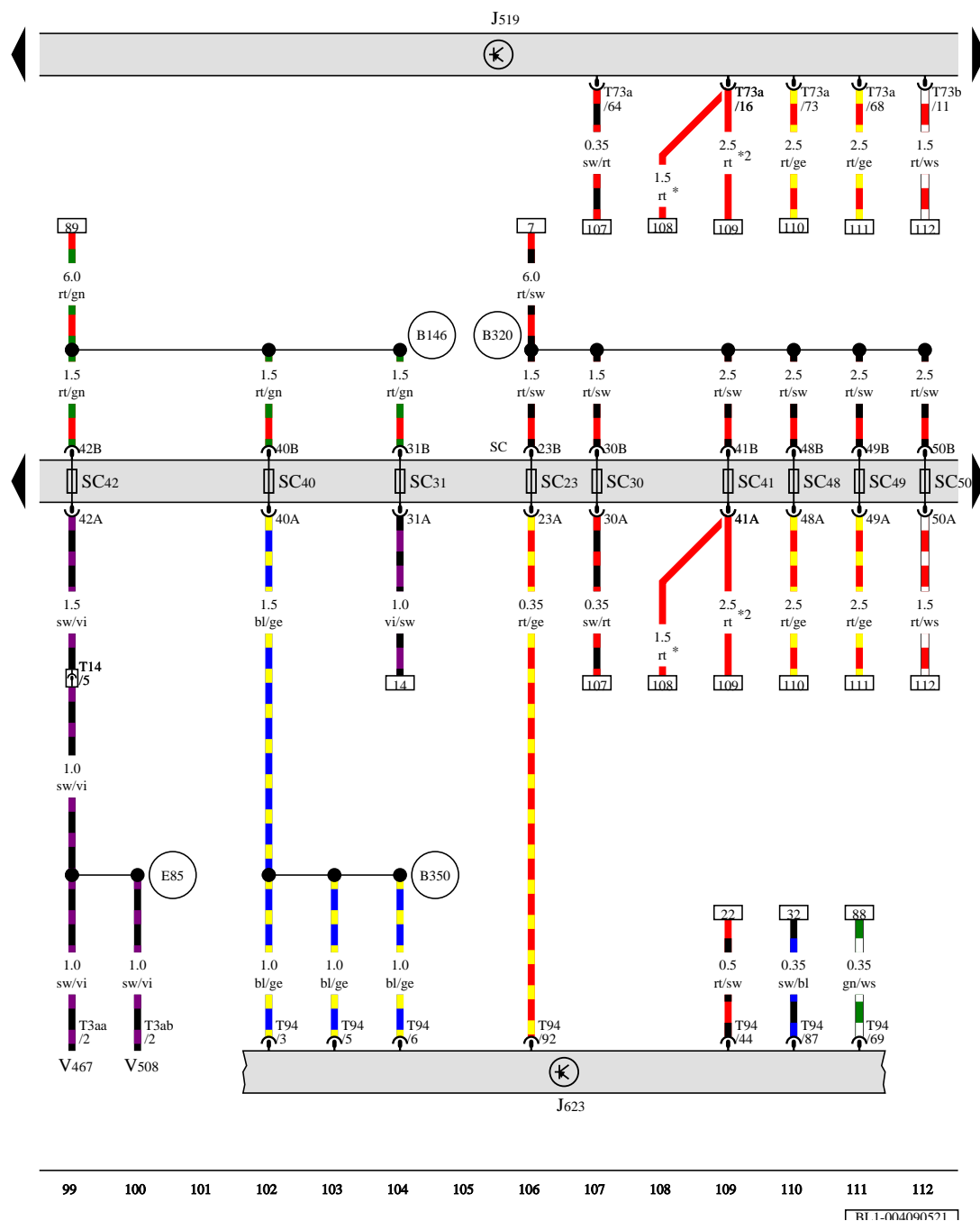
B315 Positive connection 1 (30a) in main wiring harness

B325 Positive connection 11 (30a) in main wiring harness

* From November 2013

*2 Up to November 2013

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



Fuse holder C

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 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
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T3aa 3-pin connector
- T3ab 3-pin connector
- T14 14-pin connector, on left in engine compartment
- T73a 73-pin connector
- T73b 73-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

B146 Positive connection 1 (87), in interior wiring harness

B320 Positive connection 6 (30a) in main wiring harness

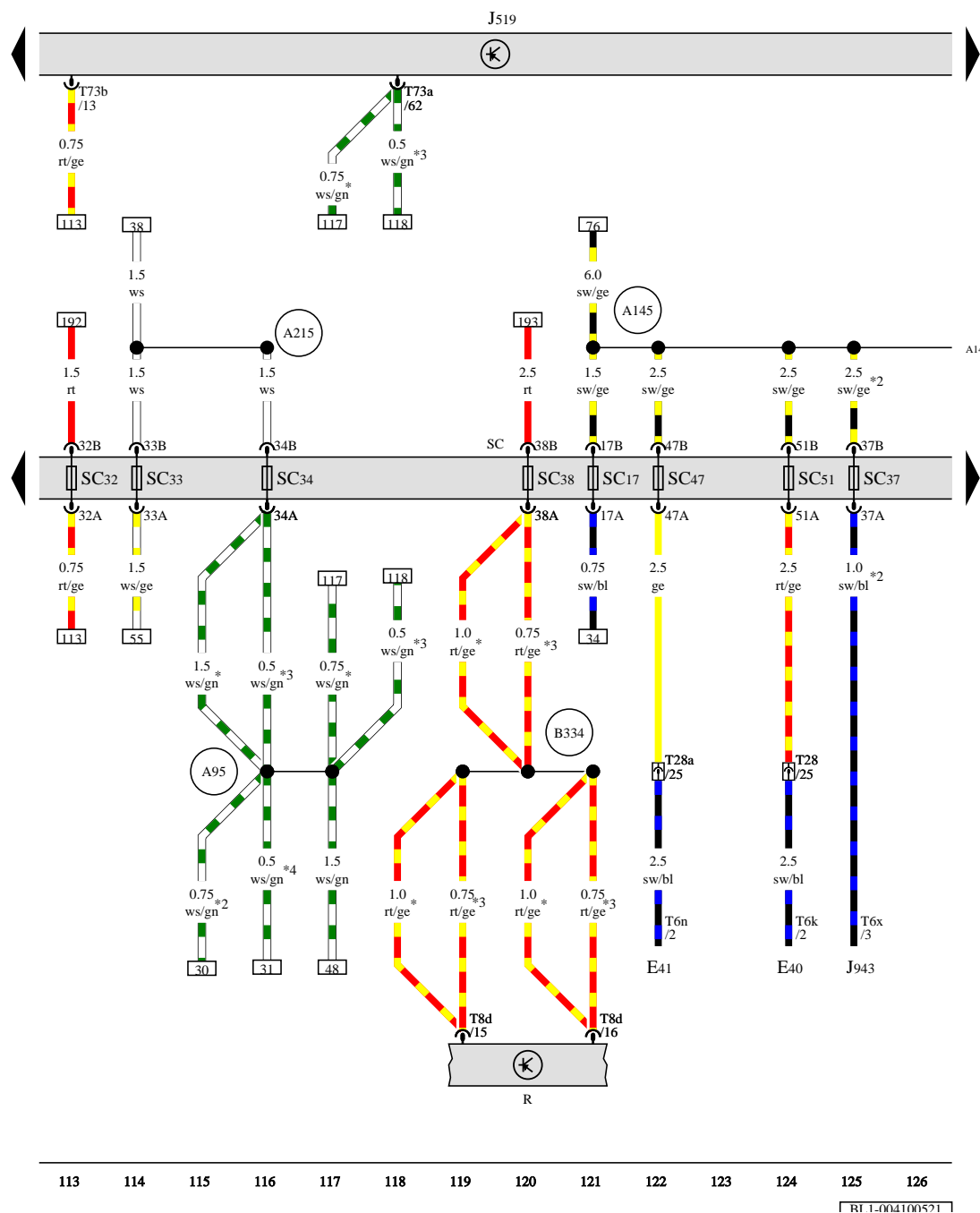
B350 Positive connection 1 (87a) in main wiring harness

E85 Connection 9 (87a) in engine wiring harness

* From November 2013

*2 Up to November 2013

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

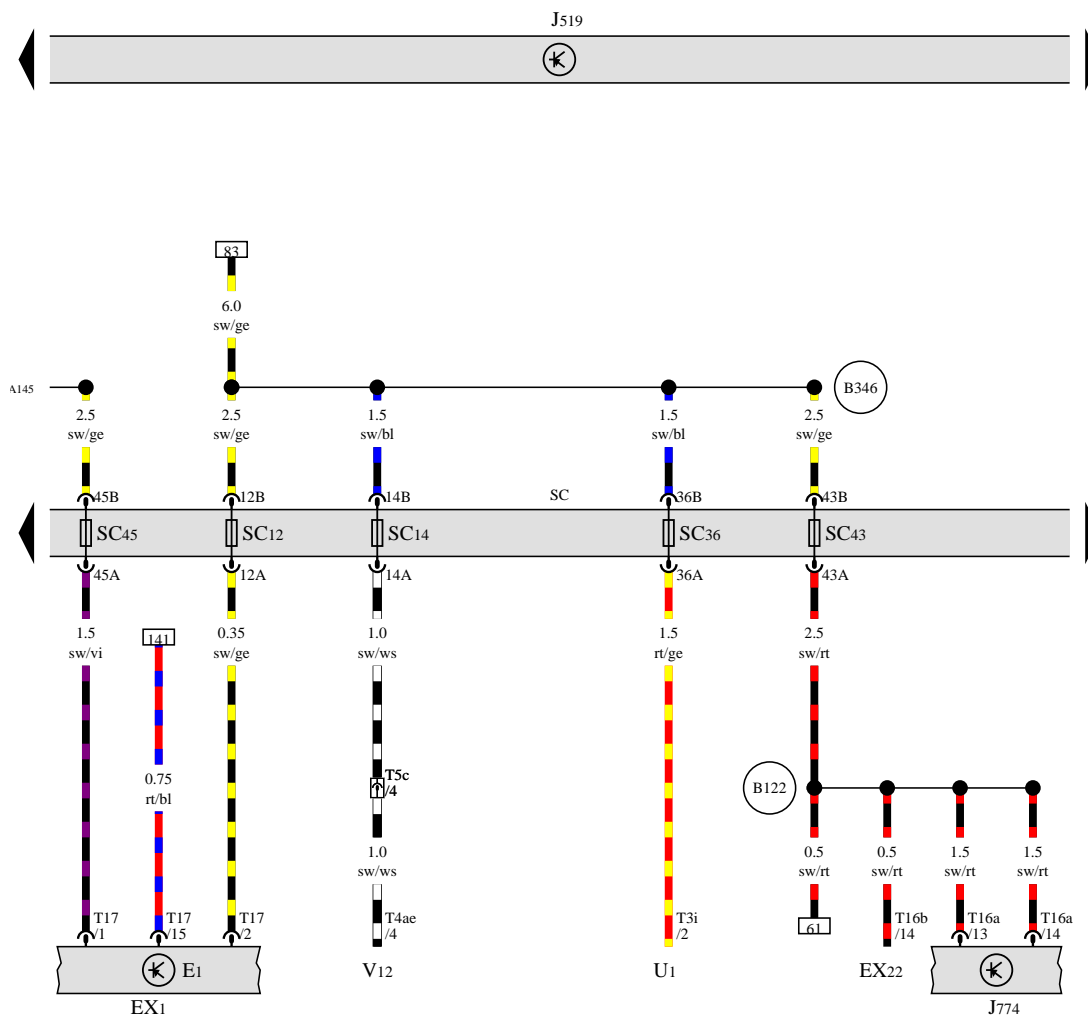


Fuse holder C

- E40 Front left window regulator switch
- E41 Front right window regulator switch
- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- R Radio
- SC Fuse holder C
- SC17 Fuse 17 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
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T6k 6-pin connector
- T6n 6-pin connector
- T6x 6-pin connector
- T8d 8-pin connector
- T28 28-pin connector, in front left door
- T28a 28-pin connector, in front right door
- T73a 73-pin connector
- T73b 73-pin connector

- A95 Connection 1 (56a), in dash panel wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- A215 Connection 2 (56a), in dash panel wiring harness
- B334 Positive connection 20 (30a) in main wiring harness
- * From May 2014
- *2 From November 2013
- *3 Up to May 2014
- *4 Up to November 2013

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

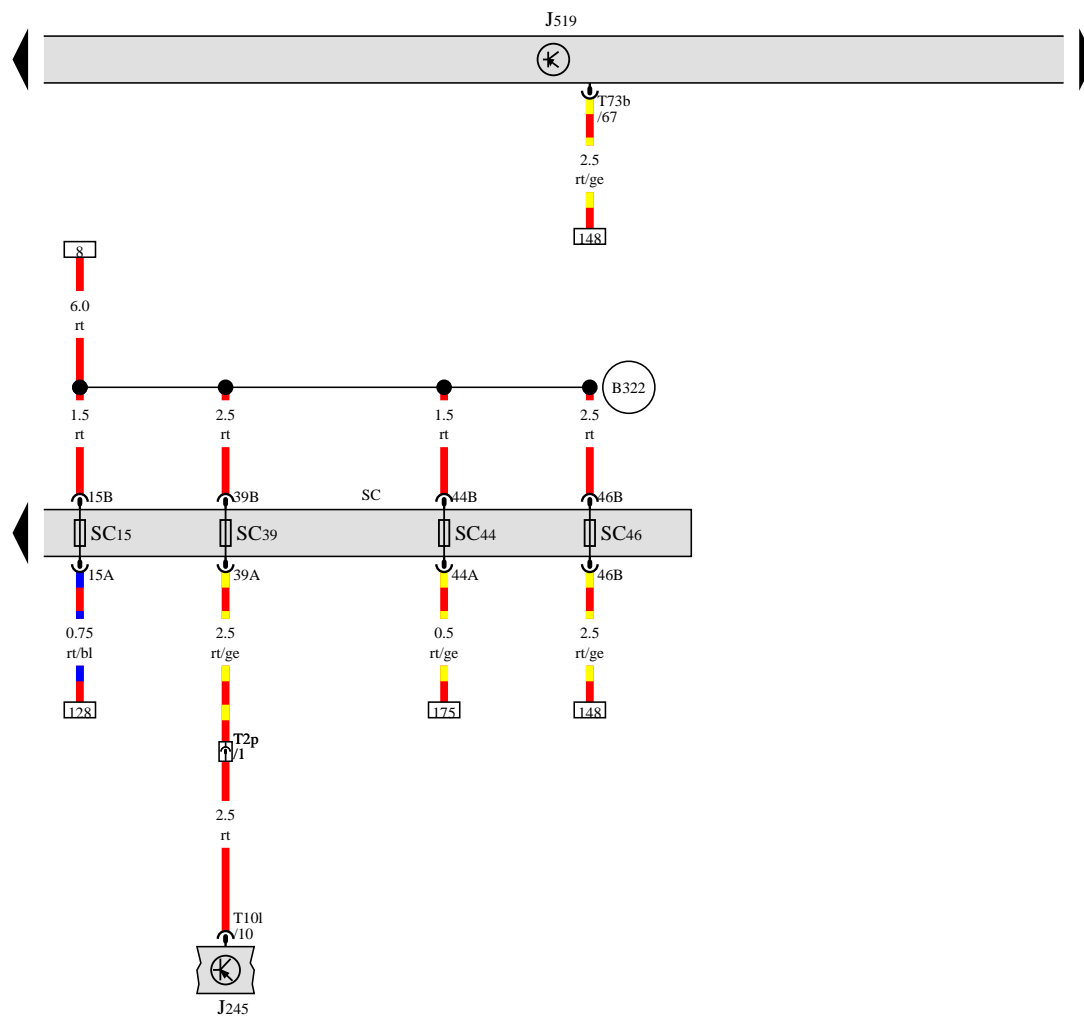


Fuse holder C

- E1 Light switch
- EX1 Rotary light switch
- EX22 Centre switch module in dash panel
- J519 Onboard supply control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T3i 3-pin connector
- T4ae 4-pin connector
- T5c 5-pin connector, in rear lid
- T16a 16-pin connector
- T16b 16-pin connector
- T17 17-pin connector
- U1 Cigarette lighter
- V12 Rear window wiper motor

- A145 Positive connection 4 (15), in dash panel wiring harness
- B122 Connection (75, seat heating), in interior wiring harness
- B346 Connection 1 (75), 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



Fuse holder C

- J245 Sliding sunroof adjustment control unit
- J519 Onboard supply control unit
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- T2p 2-pin connector, in roof
- T10l 10-pin connector, black
- T73b 73-pin connector

B322 Positive connection 8 (30a) 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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

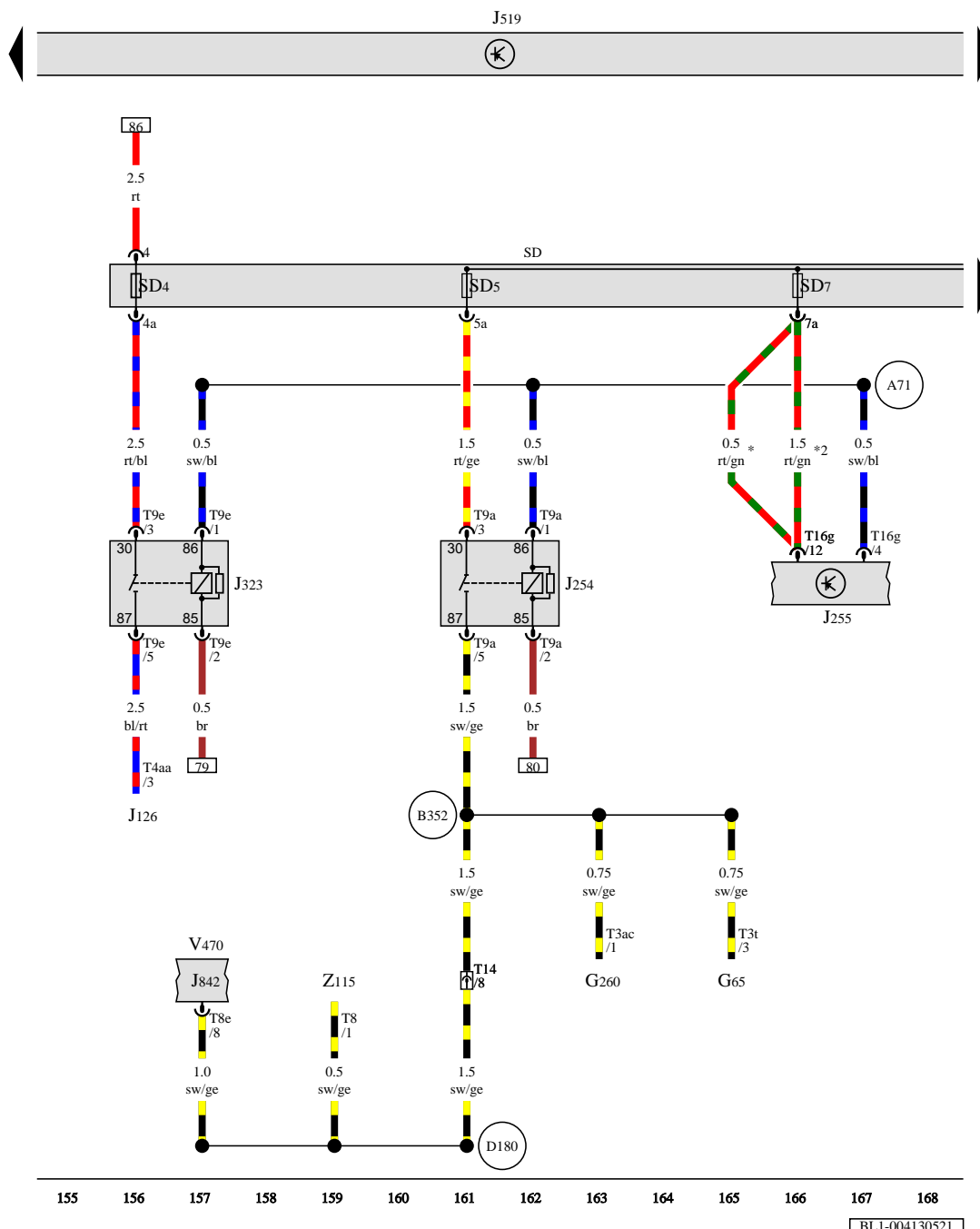
[RT 1-004170521]

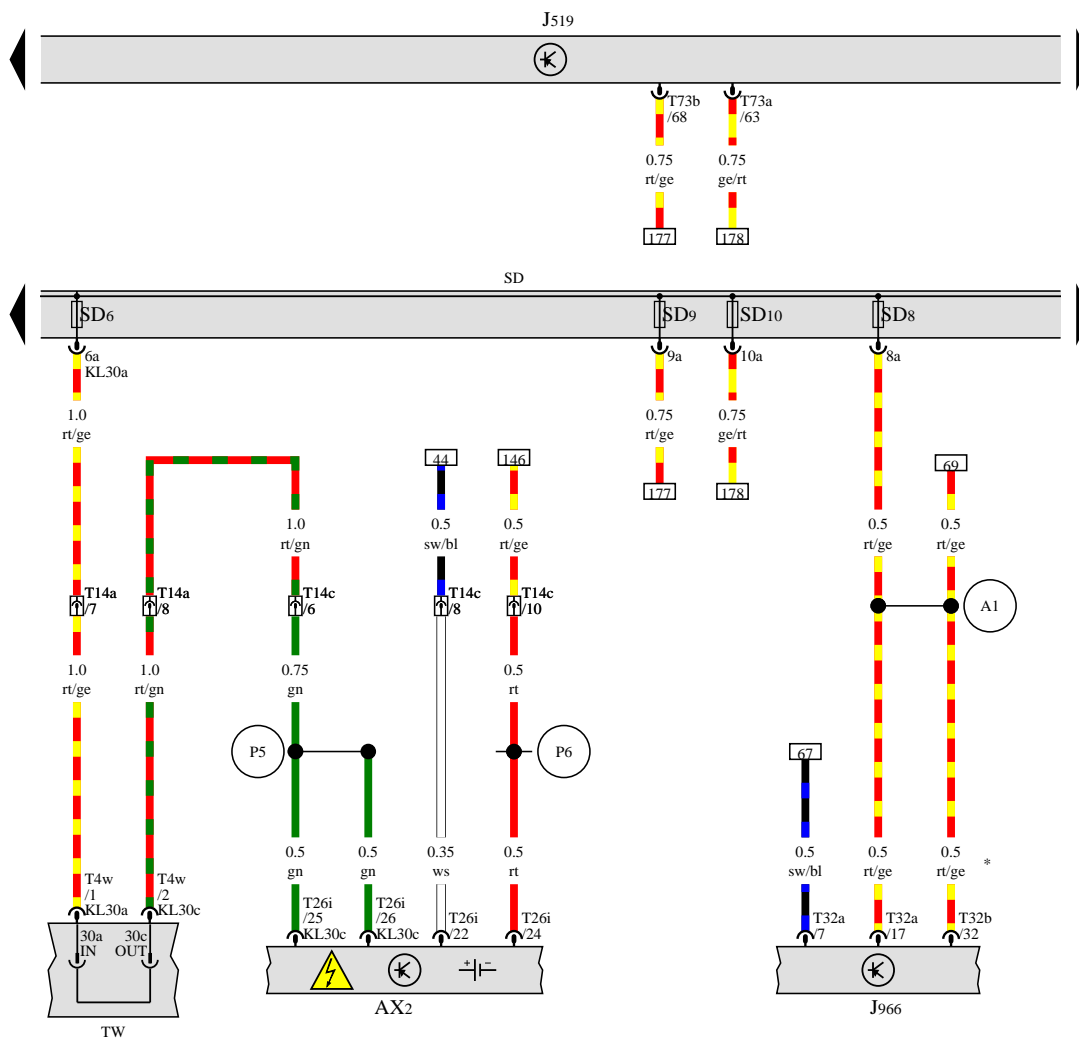
Climatronic relay, Blower relay, Fuse holder D

- G65 High-pressure sender
- G260 Humidity sender for air conditioning system
- J126 Fresh air blower control unit
- J254 Climatronic relay
- J255 Climatronic control unit
- J323 Blower relay
- J519 Onboard supply control unit
- J842 Control unit for air conditioner compressor
- SD Fuse holder D
- SD4 Fuse 4 on fuse holder D
- SD5 Fuse 5 on fuse holder D
- SD7 Fuse 7 on fuse holder D
- T3ac 3-pin connector
- T3t 3-pin connector
- T4aa 4-pin connector
- T8 8-pin connector
- T8e 8-pin connector
- T9a 9-pin connector
- T9e 9-pin connector
- T14 14-pin connector, on left in engine compartment
- T16g 16-pin connector
- V470 Electrical air conditioner compressor
- Z115 High-voltage heater (PTC)

- (A71) Connection (86), in dash panel wiring harness
- (B352) Positive connection 3 (87a) in main wiring harness
- (D180) Connection (87a), in engine compartment wiring harness
- * From May 2014
- *2 Up to May 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





Fuse holder D

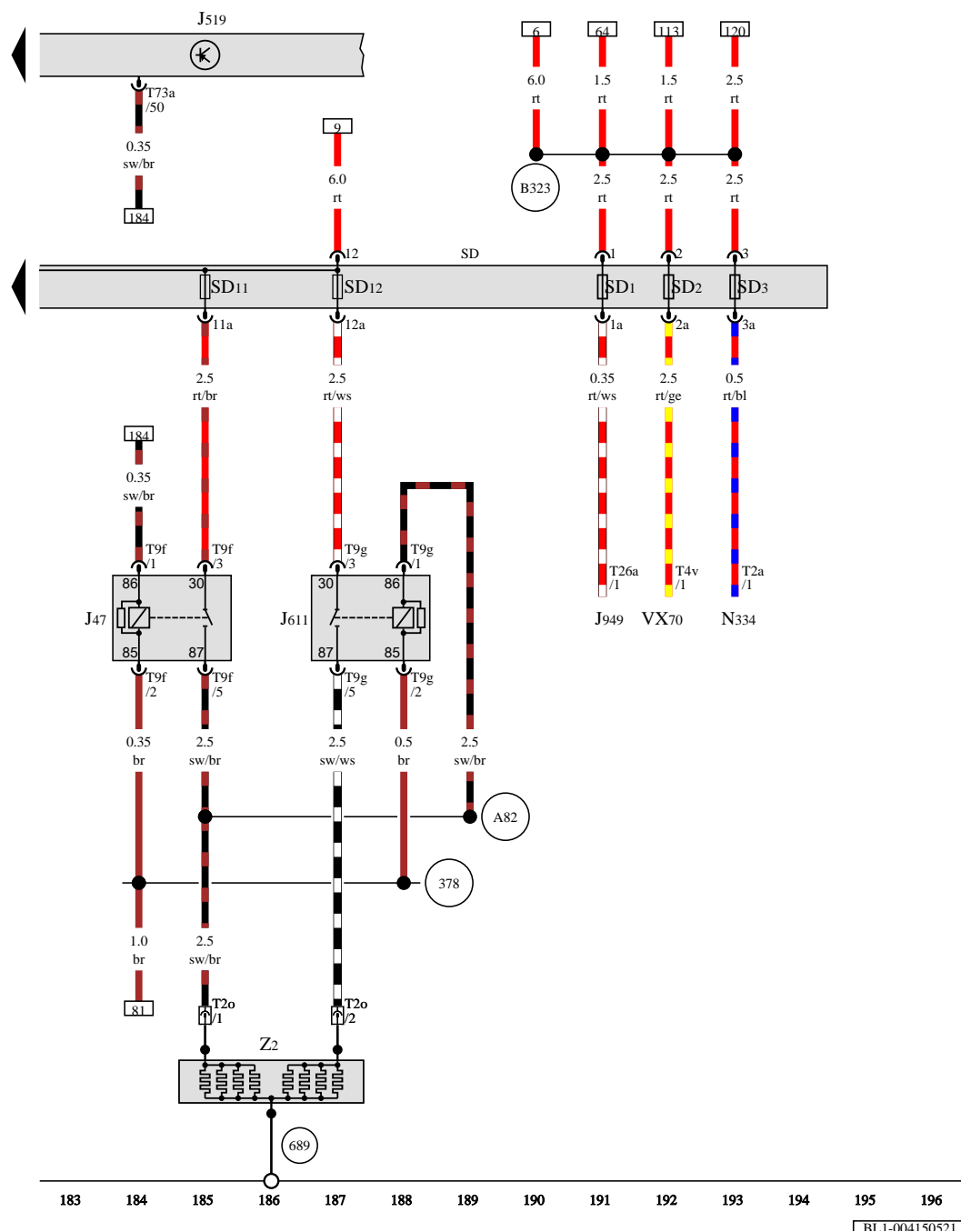
- AX2 High-voltage battery 1
- J519 Onboard supply control unit
- J966 Charge voltage control unit for high-voltage battery
- SD Fuse holder D
- SD6 Fuse 6 on fuse holder D
- SD8 Fuse 8 on fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD10 Fuse 10 on fuse holder D
- T4w 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- TW Maintenance connector for high-voltage system

- A1 Positive connection (30a), in dash panel wiring harness
- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery wiring harness
- * 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

169 170 171 172 173 174 175 176 177 178 179 180 181 182

RT 1-004140521



Heated windscreen relay, Heated windscreen relay 2, Fuse holder D, Heated windscreen

- J47 Heated windscreen relay
- J519 Onboard supply control unit
- J611 Heated windscreen relay 2
- J949 Emergency call module control unit and communication unit
- N334 Ignition key withdrawal lock solenoid valve
- 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
- SD11 Fuse 11 on fuse holder D
- SD12 Fuse 12 on fuse holder D
- T2a 2-pin connector
- T2o 2-pin connector, central in plenum chamber
- T4v 4-pin connector
- T9f 9-pin connector
- T9g 9-pin connector
- T26a 26-pin connector
- T73a 73-pin connector
- VX70 Brake system pressure accumulator
- Z2 Heated windscreen

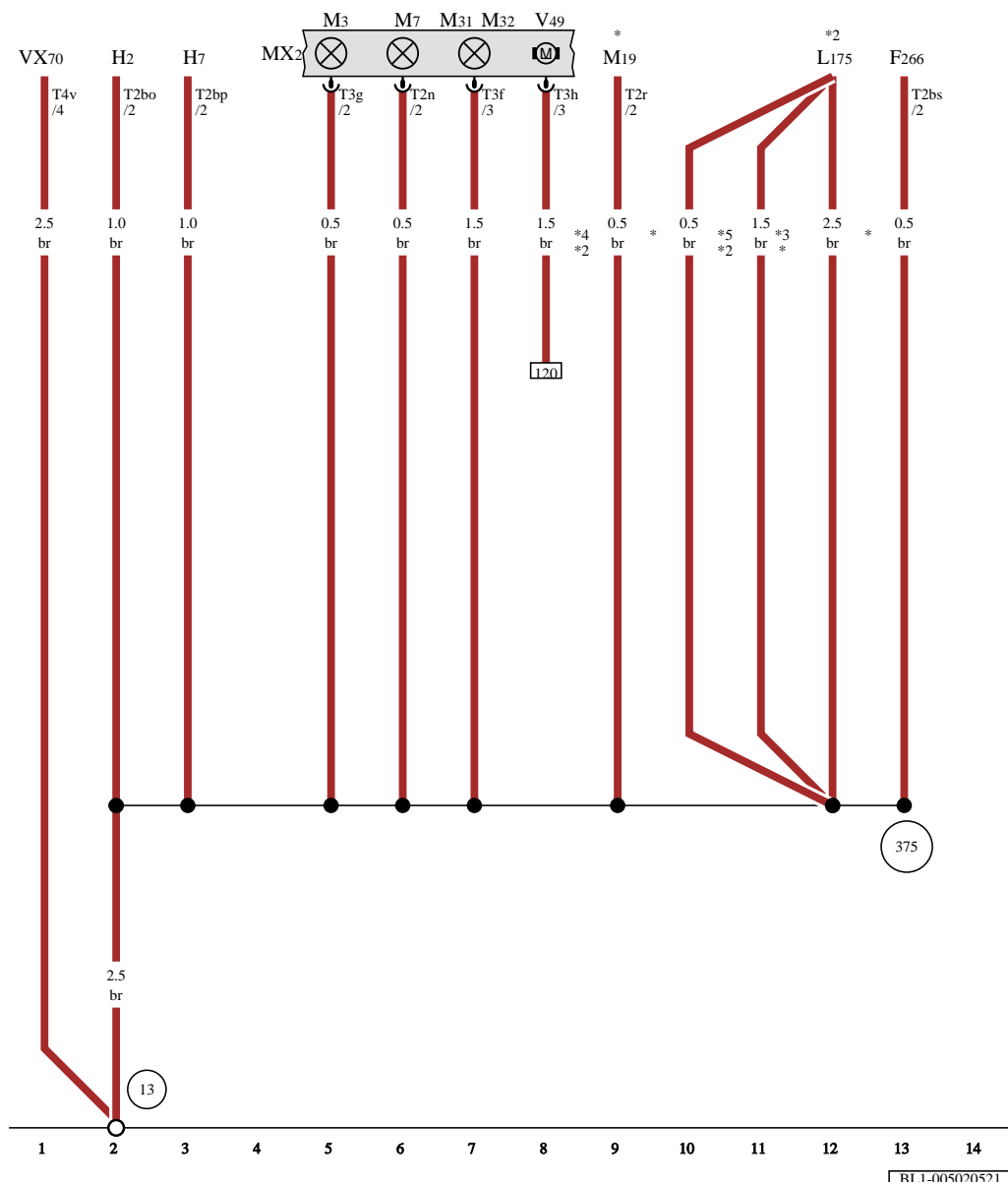
- 378 Earth connection 13, in main wiring harness
- 689 Earth point, at front, central in roof
- A82 Connection (windscreen heater), in dash panel wiring harness
- B323 Positive connection 9 (30a) in main wiring harness

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

Earthing concept

From July 2013

Earth point, on right in engine compartment, Earth connection 10, in main wiring harness



- F266 Bonnet contact switch
- H2 Treble horn
- H7 Bass horn
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M19 Right turn signal repeater bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T2bo 2-pin connector
- T2bp 2-pin connector
- T2bs 2-pin connector
- T2n 2-pin connector
- T2r 2-pin connector
- T3f 3-pin connector
- T3g 3-pin connector
- T3h 3-pin connector
- T4v 4-pin connector
- V49 Right headlight range control motor
- VX70 Brake system pressure accumulator

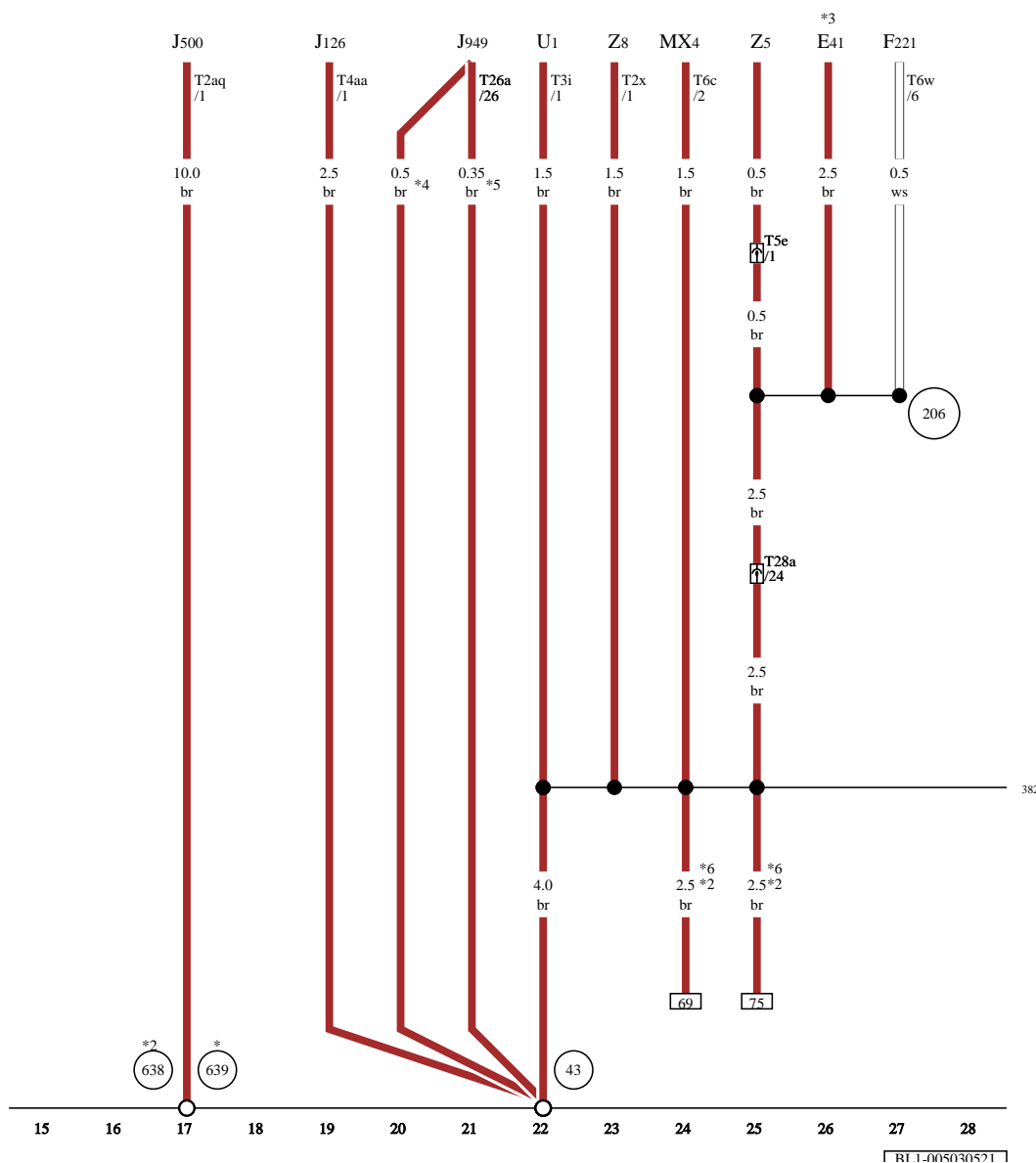
13 Earth point, on right in engine compartment

375 Earth connection 10, in main wiring harness

- * Up to August 2016
- *2 see applicable current flow diagram
- *3 For right-hand drive models
- *4 Cross section depends on equipment
- *5 From August 2016

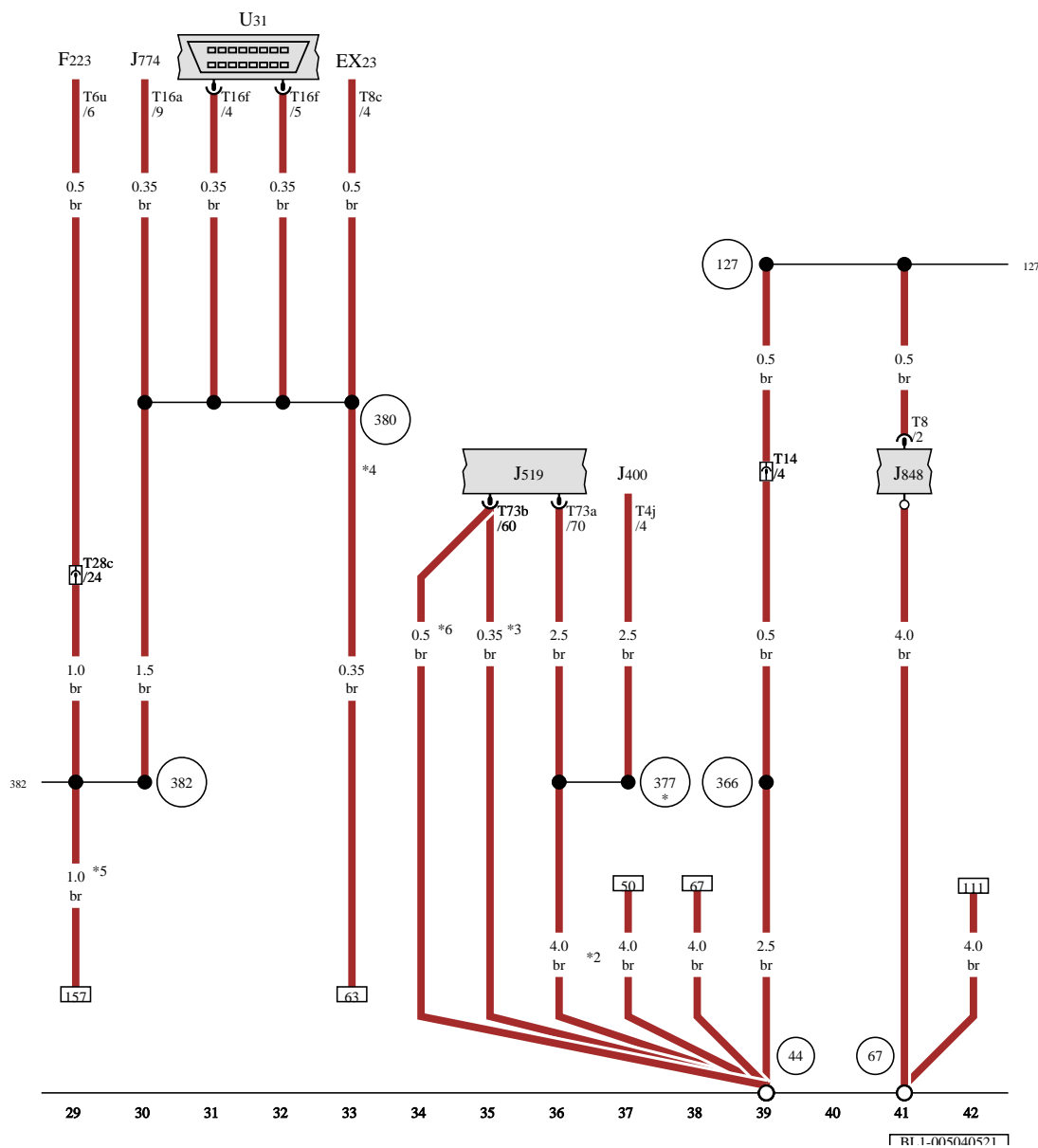
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Earth point, lower part of right A-pillar, Earth connection, in front passenger door wiring harness, Earth connection 17, in main wiring harness, Earth point, on right A-pillar, Earth point, on left A-pillar



- E41 Front right window regulator switch
- F221 Front passenger side central locking lock unit
- J126 Fresh air blower control unit
- J500 Power steering control unit
- J949 Emergency call module control unit and communication unit
- MX4 Right tail light cluster
- T2aq 2-pin connector
- T2x 2-pin connector
- T3i 3-pin connector
- T4aa 4-pin connector
- T5e 5-pin connector
- T6c 6-pin connector
- T6w 6-pin connector
- T26a 26-pin connector
- T28a 28-pin connector
- U1 Cigarette lighter
- Z5 Heated exterior mirror on passenger side
- Z8 Heated seat cushion for front passenger seat
- 43 Earth point, lower part of right A-pillar
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness
- 638 Earth point, on right A-pillar
- 639 Earth point, on left A-pillar
- * For left-hand drive models
- *2 For right-hand drive models
- *3 see applicable current flow diagram
- *4 From May 2014
- *5 Up to May 2014
- *6 From November 2014

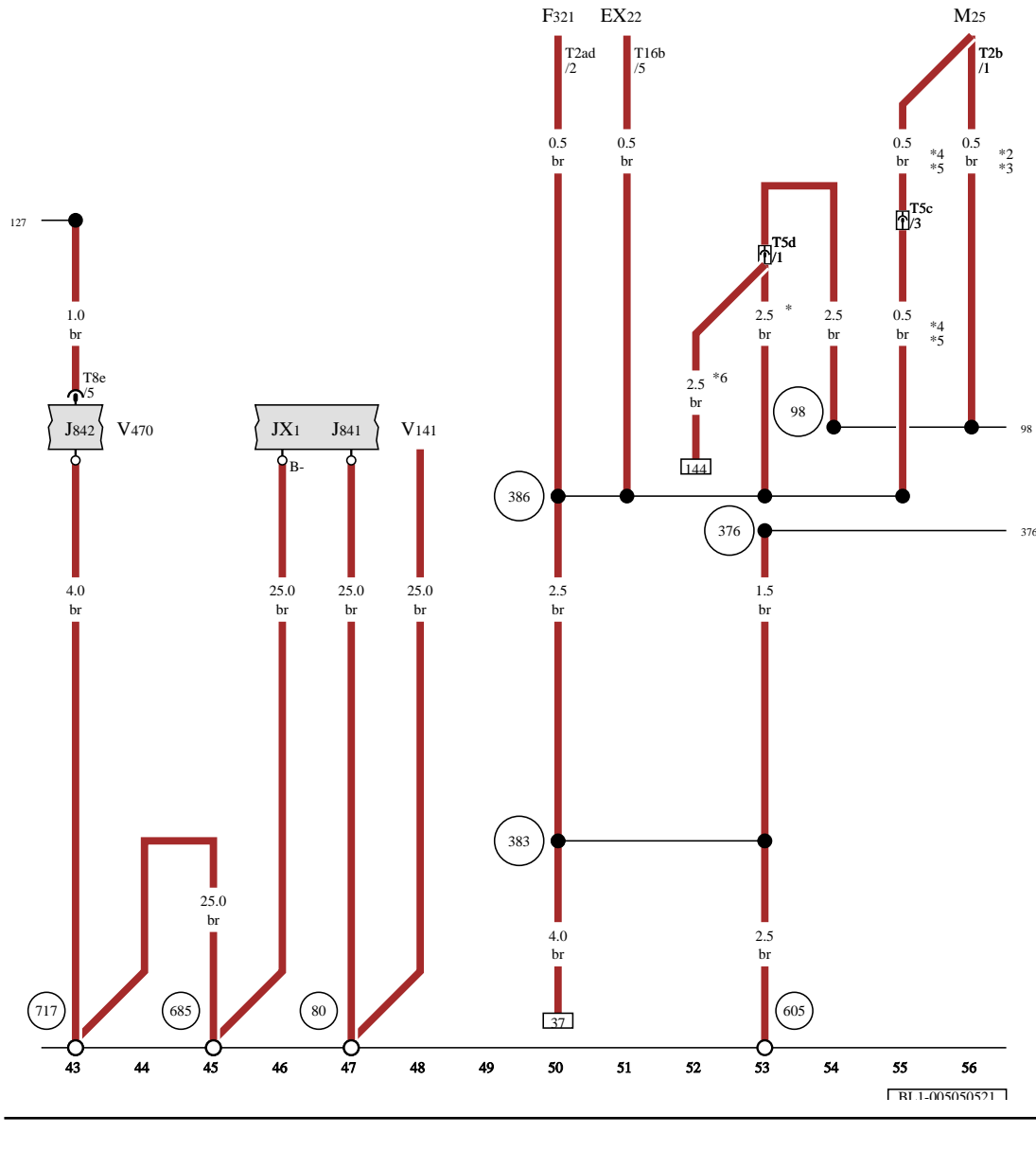
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Earth point, lower part of left A-pillar, Earth point, on left of front cross member, Earth connection 1, in air conditioner compressor wiring harness, Earth connection 1, in main wiring harness, Earth connection 12, in main wiring harness, Earth connection 15, in main wiring harness, Earth connection 17, in main wiring harness

- EX23 Switch module 1 in centre console
- F223 Rear right central locking lock unit
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- J774 Heated front seats control unit
- J848 High-voltage heater (PTC) control unit
- T4j 4-pin connector
- T6u 6-pin connector
- T8 8-pin connector
- T8c 8-pin connector
- T14 14-pin connector
- T16a 16-pin connector
- T16f 16-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- U31 Diagnostic connection

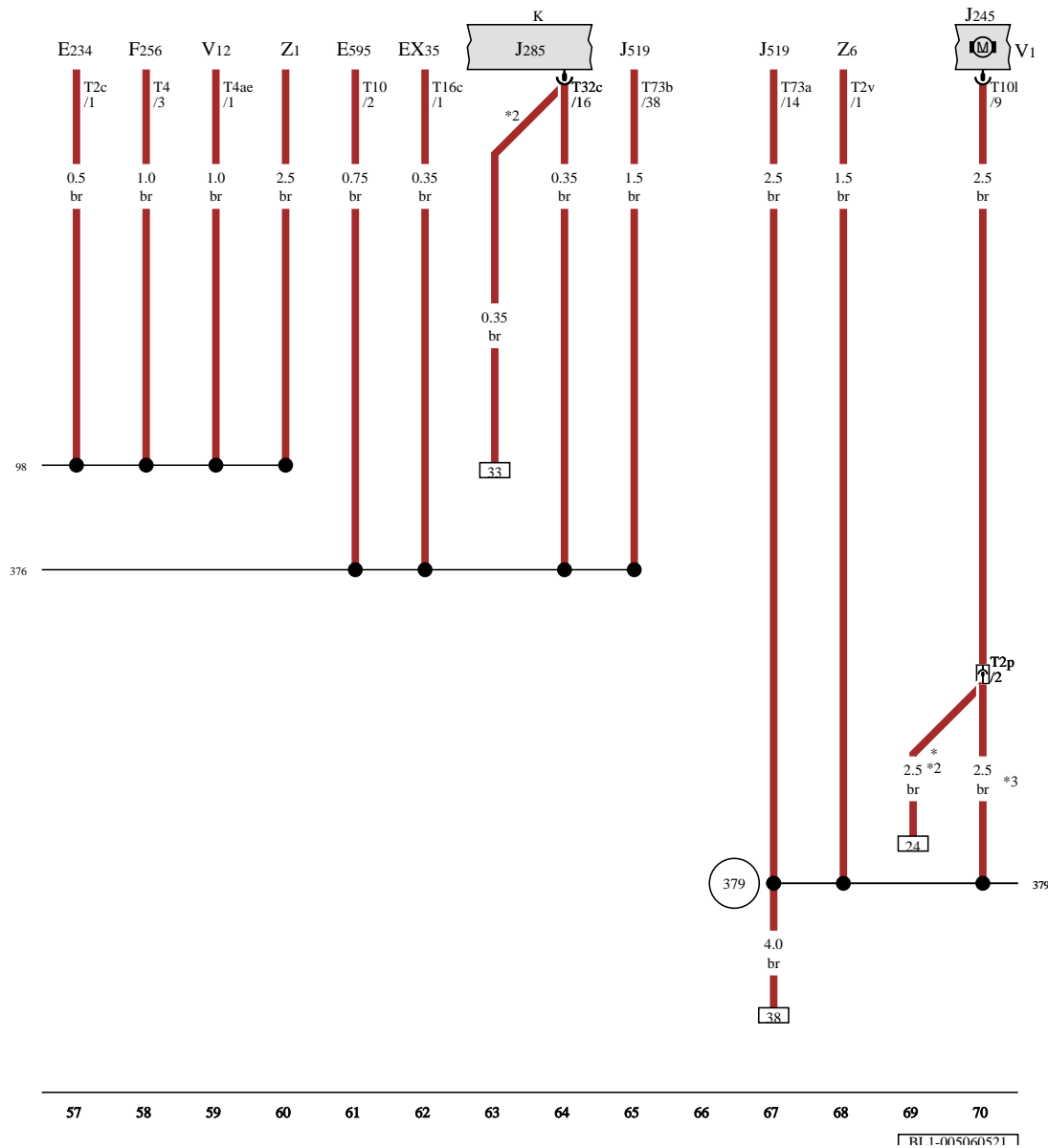
- 44 Earth point, lower part of left A-pillar
- 67 Earth point, on left of front cross member
- 127 Earth connection 1, in air conditioner compressor wiring harness
- 366 Earth connection 1, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- * Component included in driver side specification on right-hand drive models
- *2 For left-hand drive models
- *3 Up to November 2020
- *4 For right-hand drive models
- *5 According to equipment
- *6 From November 2020



Earth point, on centre of front cross member, Earth connection, in rear lid wiring harness, Earth connection 1, in air conditioner compressor wiring harness, Earth connection 11, in main wiring harness, Earth connection 18, in main wiring harness, Earth connection 21, in main wiring harness, Earth point, on top end of steering column, Earth point 1, on front of right longitudinal member, Earth point on front right of cross member

- EX22 Centre switch module in dash panel
- F321 Parking brake contact switch
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- J842 Control unit for air conditioner compressor
- M25 High-level brake light bulb
- T2ad 2-pin connector
- T2b 2-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T8e 8-pin connector
- V141 Electric drive motor
- V470 Electrical air conditioner compressor

- 80 Earth point, on centre of front cross member
- 98 Earth connection, in rear lid wiring harness
- 127 Earth connection 1, in air conditioner compressor wiring harness
- 376 Earth connection 11, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- 685 Earth point 1, on front of right longitudinal member
- 717 Earth point on front right of cross member
- * Up to August 2019
- *2 Up to August 2016
- *3 From November 2017
- *4 From August 2016
- *5 Up to November 2017
- *6 From August 2019



Earth connection, in rear lid wiring harness, Earth connection 11, in main wiring harness, Earth connection 14, in main wiring harness

- EX35 Centre switch module 2 in dash panel
- E234 Rear lid handle release button
- E595 Steering column combination switch
- F256 Rear lid lock unit
- J245 Sliding sunroof adjustment control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- T2c 2-pin connector
- T2p 2-pin connector
- T2v 2-pin connector
- T4 4-pin connector
- T4ae 4-pin connector
- T10 10-pin connector
- T10l 10-pin connector
- T16c 16-pin connector
- T32c 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V1 Sliding sunroof motor
- V12 Rear window wiper motor
- Z1 Heated rear window
- Z6 Heated seat cushion for driver seat

98 Earth connection, in rear lid wiring harness

376 Earth connection 11, in main wiring harness

379 Earth connection 14, in main wiring harness

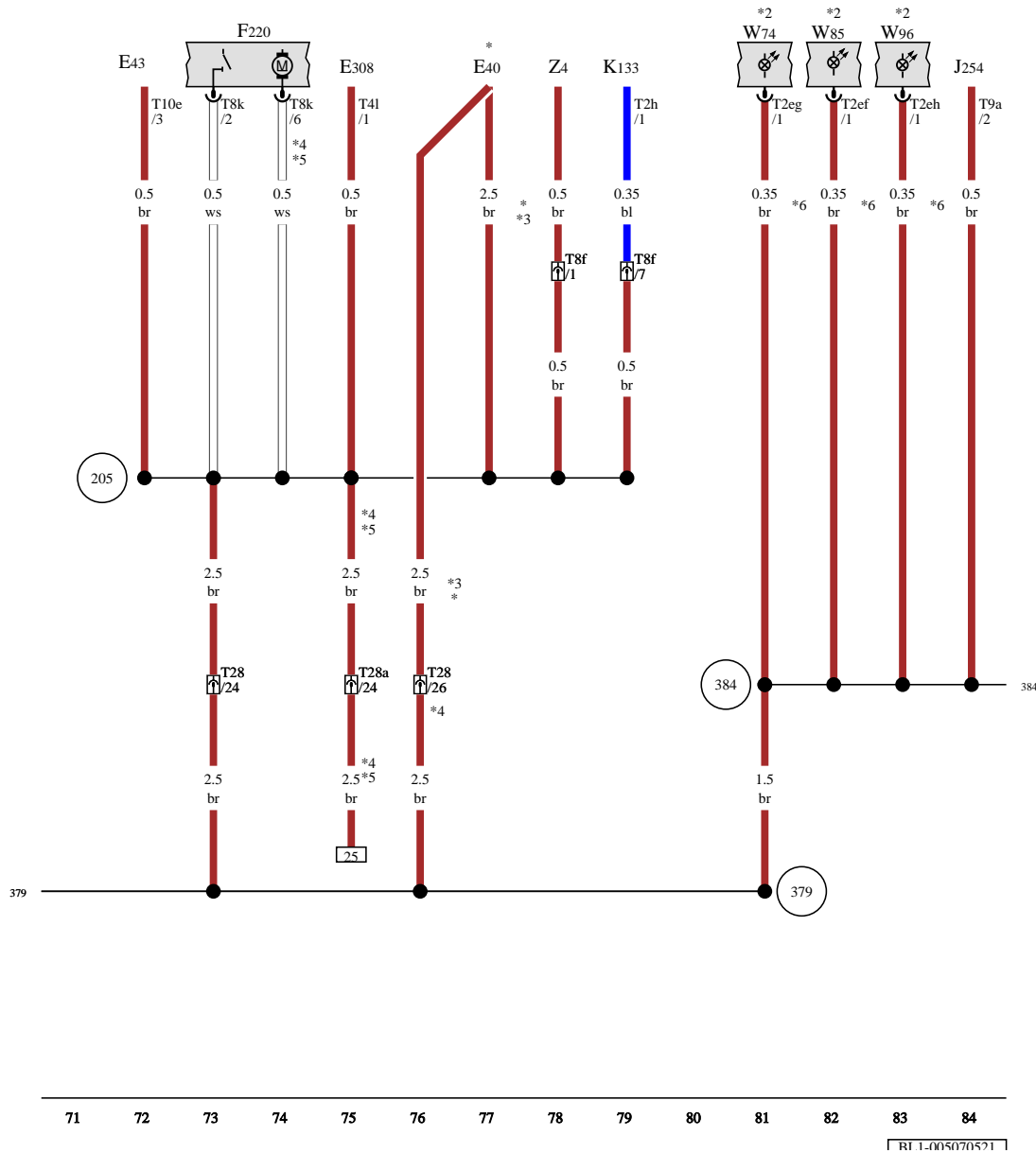
* From November 2014

*2 For right-hand drive models

*3 For 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

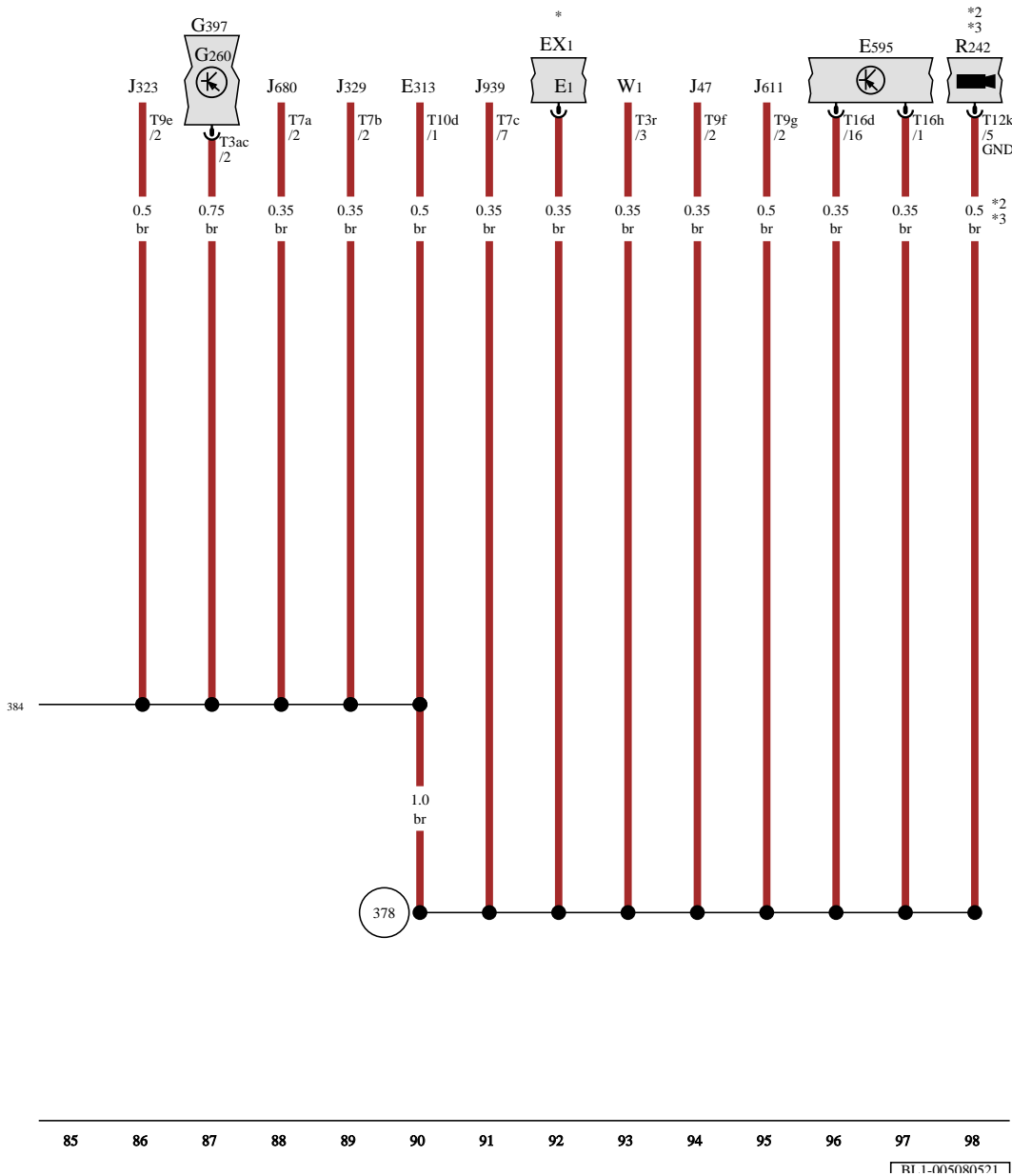
Earth connection, in driver door wiring harness, Earth connection 14, in main wiring harness, Earth connection 19, in main wiring harness



- E40 Front left window regulator switch
- E43 Mirror adjustment switch
- E308 Driver side interior locking button for central locking system
- F220 Driver side central locking lock unit, in driver door
- J254 Climatronic relay
- K133 Central locking SAFELOCK function warning lamp
- T2ef 2-pin connector, black
- T2eg 2-pin connector, black
- T2eh 2-pin connector, black
- T2h 2-pin connector
- T4l 4-pin connector
- T8f 8-pin connector
- T8k 8-pin connector, black
- T9a 9-pin connector
- T10e 10-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- W74 Light conductor for front centre console background lighting
- W85 Light conductor for front passenger side background lighting
- W96 Light conductor for driver side background lighting
- Z4 Heated exterior mirror on driver side
- 205 Earth connection, in driver door wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- * see applicable current flow diagram
- *2 Pre-wired component
- *3 According to equipment
- *4 From November 2014
- *5 For right-hand drive models
- *6 From August 2016

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

Steering column combination switch, Front camera for driver assist systems, Earth connection 13, in main wiring harness, Earth connection 19, in main wiring harness



- EX1 Rotary light switch
- E1 Light switch
- E313 Selector lever
- E595 Steering column combination switch
- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J47 Heated windscreen relay
- J323 Blower relay
- J329 Terminal 15 voltage supply relay
- J611 Heated windscreen relay 2
- J680 Terminal 75 voltage supply relay 1
- J939 Emergency braking function sensor unit
- R242 Front camera for driver assist systems
- T3ac 3-pin connector, black
- T3r 3-pin connector
- T7a 7-pin connector
- T7b 7-pin connector
- T7c 7-pin connector
- T9e 9-pin connector
- T9f 9-pin connector
- T9g 9-pin connector
- T10d 10-pin connector
- T12k 12-pin connector, black
- T16d 16-pin connector
- T16h 16-pin connector
- W1 Front interior light

378 Earth connection 13, in main wiring harness

384 Earth connection 19, in main wiring harness

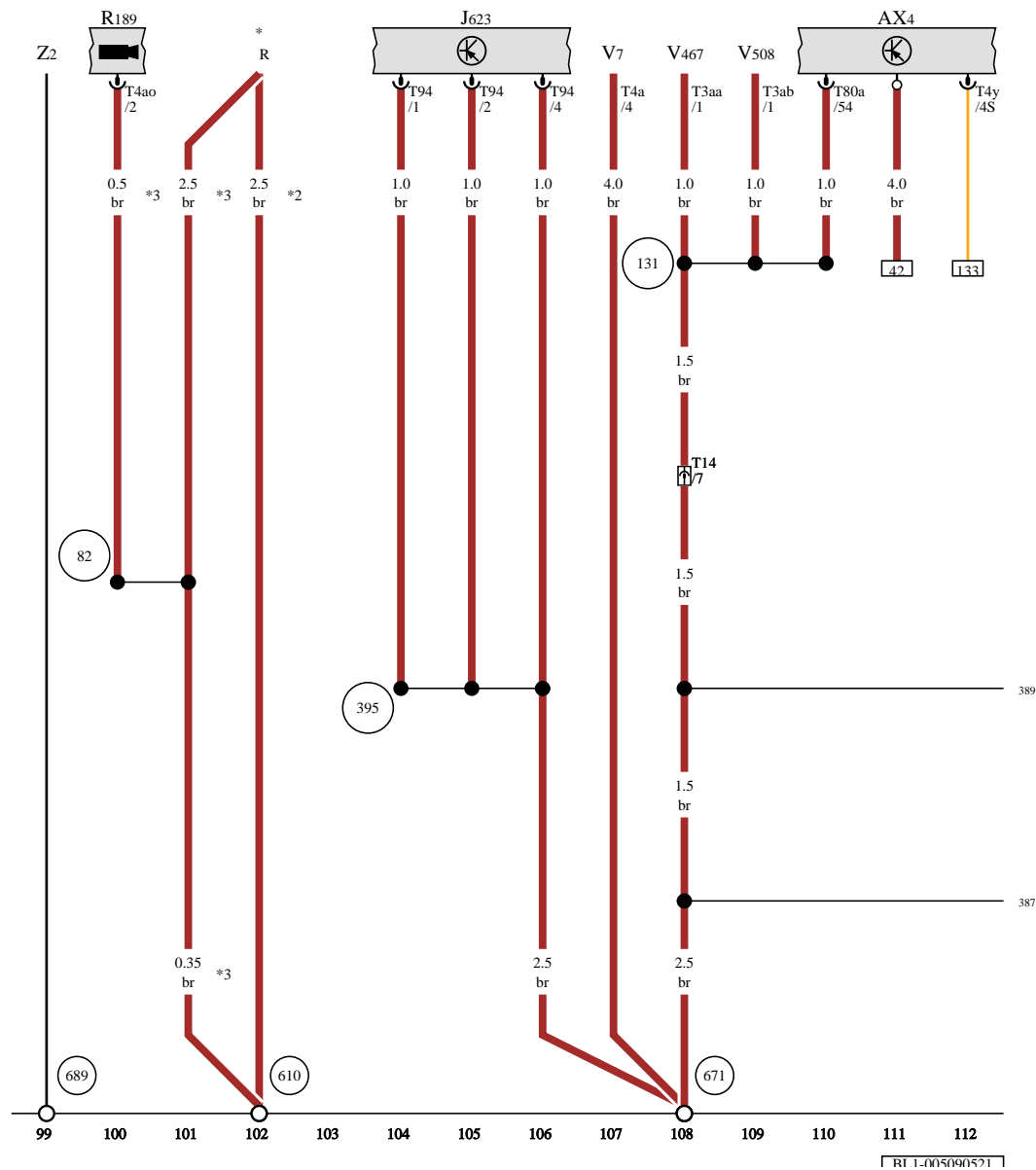
* see applicable current flow diagram

*2 From August 2019

*3 For models with front camera for driver assist systems

- 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

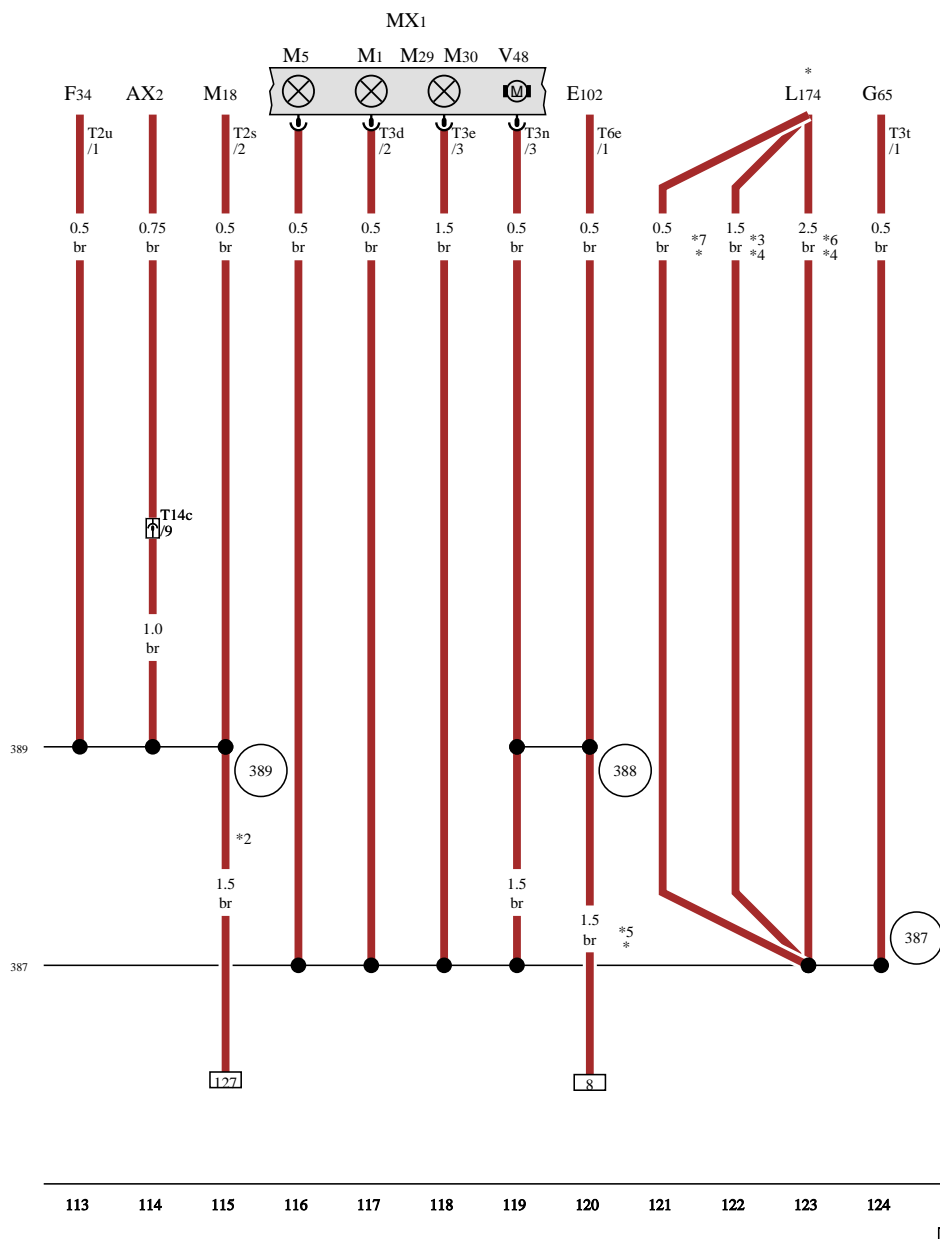
Earth connection 2, in engine compartment wiring harness, Earth connection 22, in main wiring harness, Earth connection 24, in main wiring harness, Earth connection 30, in main wiring harness, Earth point (audio), front below centre console, Earth point 1, on front of left longitudinal member, Earth point, at front, central in roof



- AX4 Charging unit 1 for high-voltage battery
- J623 Engine/motor control unit
- R Radio
- R189 Reversing camera
- T3aa 3-pin connector
- T3ab 3-pin connector
- T4a 4-pin connector
- T4ao 4-pin connector, black
- T4y 4-pin connector
- T14 14-pin connector
- T80a 80-pin connector
- T94 94-pin connector
- V7 Radiator fan
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive
- Z2 Heated windscreen

- 82 Earth connection 1, in front left wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- 610 Earth point (audio), front below centre console
- 671 Earth point 1, on front of left longitudinal member
- 689 Earth point, at front, central in roof
- * see applicable current flow diagram
- *2 Up to August 2016
- *3 From August 2016

- 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



Earth connection 22, in main wiring harness, Earth connection 23, in main wiring harness, Earth connection 24, in main wiring harness

- AX2 High-voltage battery 1
- E102 Headlight range control regulator
- F34 Brake fluid level warning contact
- G65 High-pressure sender
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2s 2-pin connector
- T2u 2-pin connector
- T3d 3-pin connector
- T3e 3-pin connector
- T3n 3-pin connector
- T3t 3-pin connector
- T6e 6-pin connector
- T14c 14-pin connector
- V48 Left headlight range control motor

387 Earth connection 22, in main wiring harness

388 Earth connection 23, in main wiring harness

389 Earth connection 24, in main wiring harness

- * see applicable current flow diagram
- *2 Up to November 2014
- *3 For right-hand drive models
- *4 Up to August 2016
- *5 Cross section depends on equipment
- *6 For left-hand drive models
- *7 From August 2016

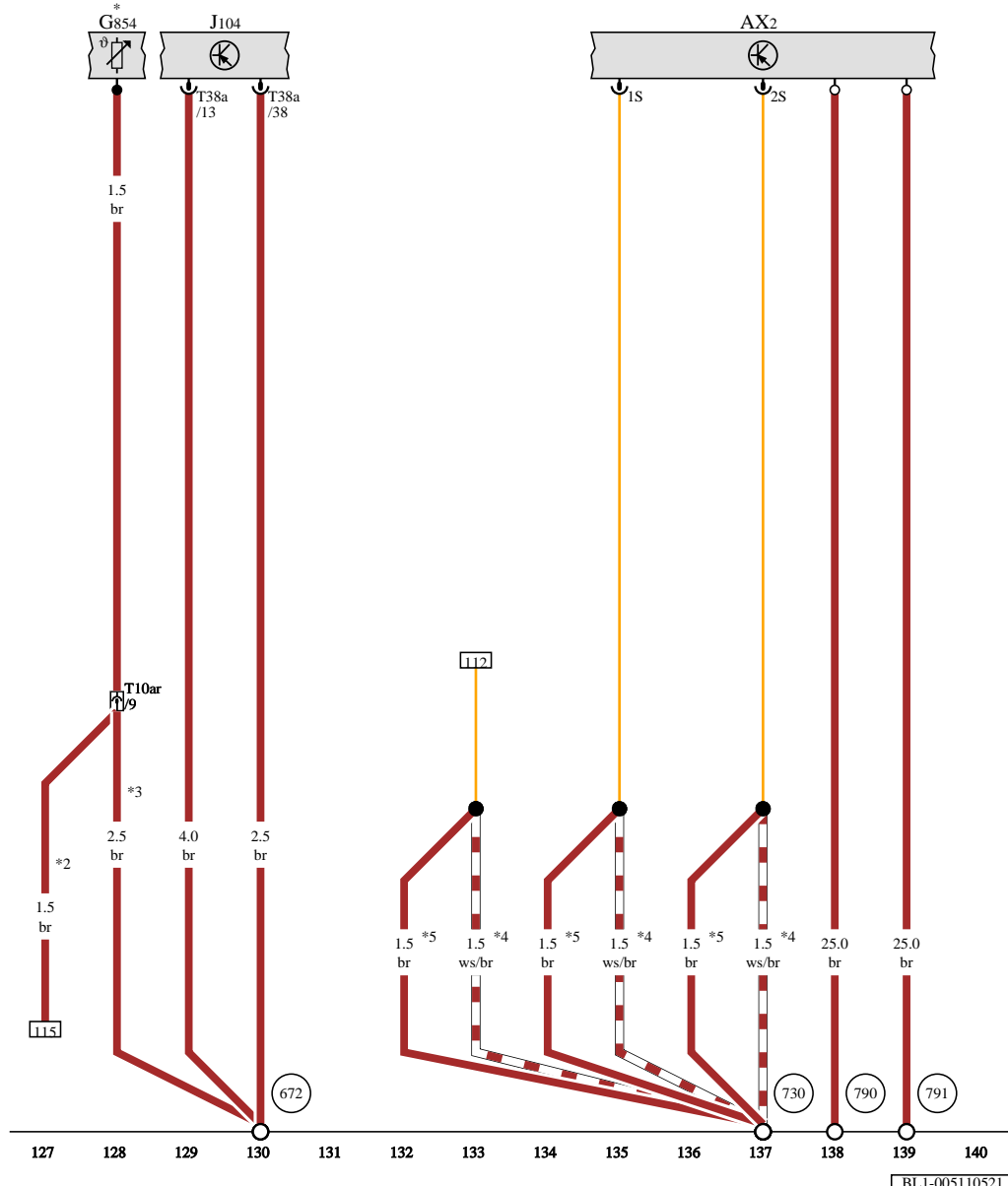
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Earth point 2, on front of left longitudinal member, Earth point 1, on right rear wheel housing, Earth point on front left of underbody, Earth point, on rear right of underbody

- AX2 High-voltage battery 1
- G854 Temperature sender for charging socket 2, in middle of engine compartment
- J104 ABS control unit
- T10ar 10-pin connector
- T38a 38-pin connector

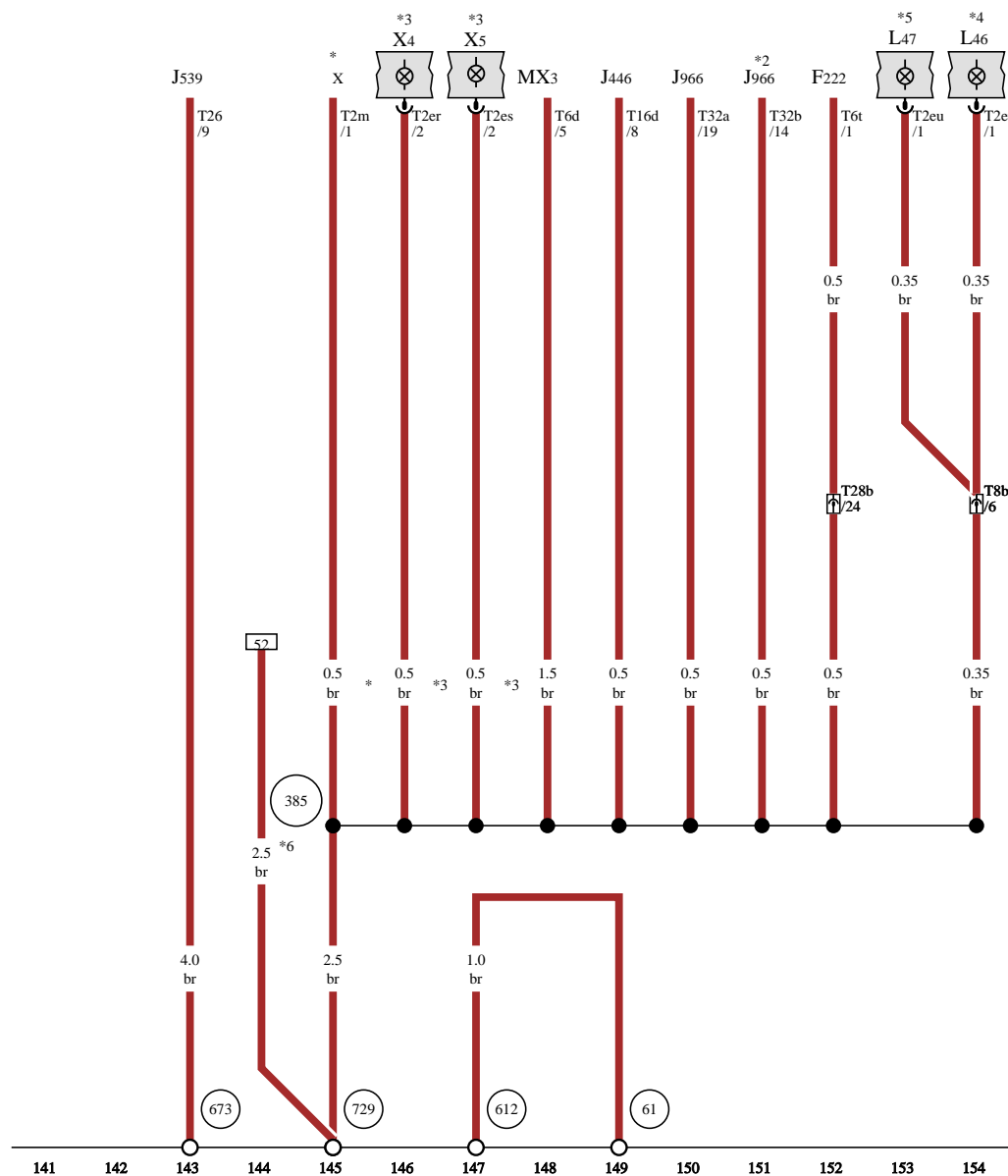
- 672 Earth point 2, on front of left longitudinal member
- 730 Earth point 1, on right rear wheel housing
- 790 Earth point on front left of underbody
- 791 Earth point, on rear right of underbody

- * For models with equipment for Japan
- *2 Up to November 2014
- *3 From November 2014
- *4 Up to August 2019
- *5 From August 2019



- 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

Earth connection 20, in main wiring harness, Earth point 3, on front of left longitudinal member, Earth point, on left rear wheel housing



RT L-005120521

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

- F222 Rear left central locking lock unit
- J446 Parking aid control unit
- J539 Brake servo control unit
- J966 Charge voltage control unit for high-voltage battery
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light cluster
- T2er 2-pin connector, black
- T2es 2-pin connector, black
- T2et 2-pin connector, black
- T2eu 2-pin connector, black
- T2m 2-pin connector
- T6d 6-pin connector
- T6t 6-pin connector
- T8b 8-pin connector, black
- T16d 16-pin connector
- T26 26-pin connector
- T28b 28-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- X Number plate light
- X4 Left number plate light
- X5 Right number plate light

- 61 Earth point, on left C-pillar
- 385 Earth connection 20, in main wiring harness
- 612 Earth point, centre on rear lid
- 673 Earth point 3, on front of left longitudinal member
- 729 Earth point, on left rear wheel housing

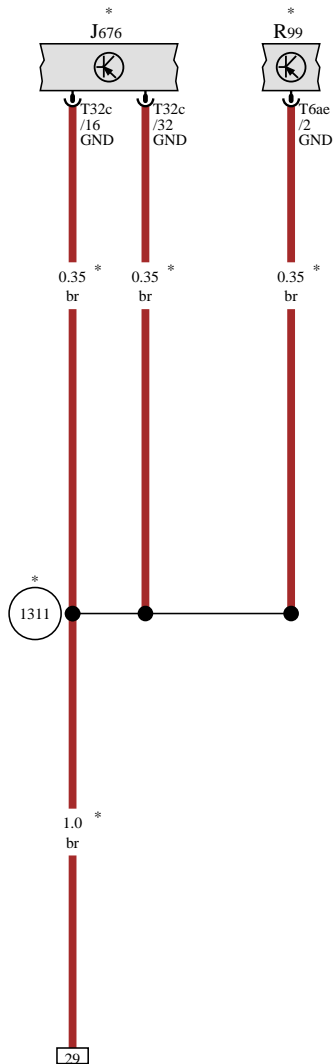
- * Up to August 2016
- *2 According to equipment
- *3 From August 2016
- *4 For left-hand drive models
- *5 For right-hand drive models
- *6 From August 2019

Chip card reader control unit, Chip card reader unit

J676 Chip card reader control unit
 R99 Chip card reader unit
 T6ae 6-pin connector, black
 T32c 32-pin connector, black

1311 Earth connection 37, in main wiring harness

* 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

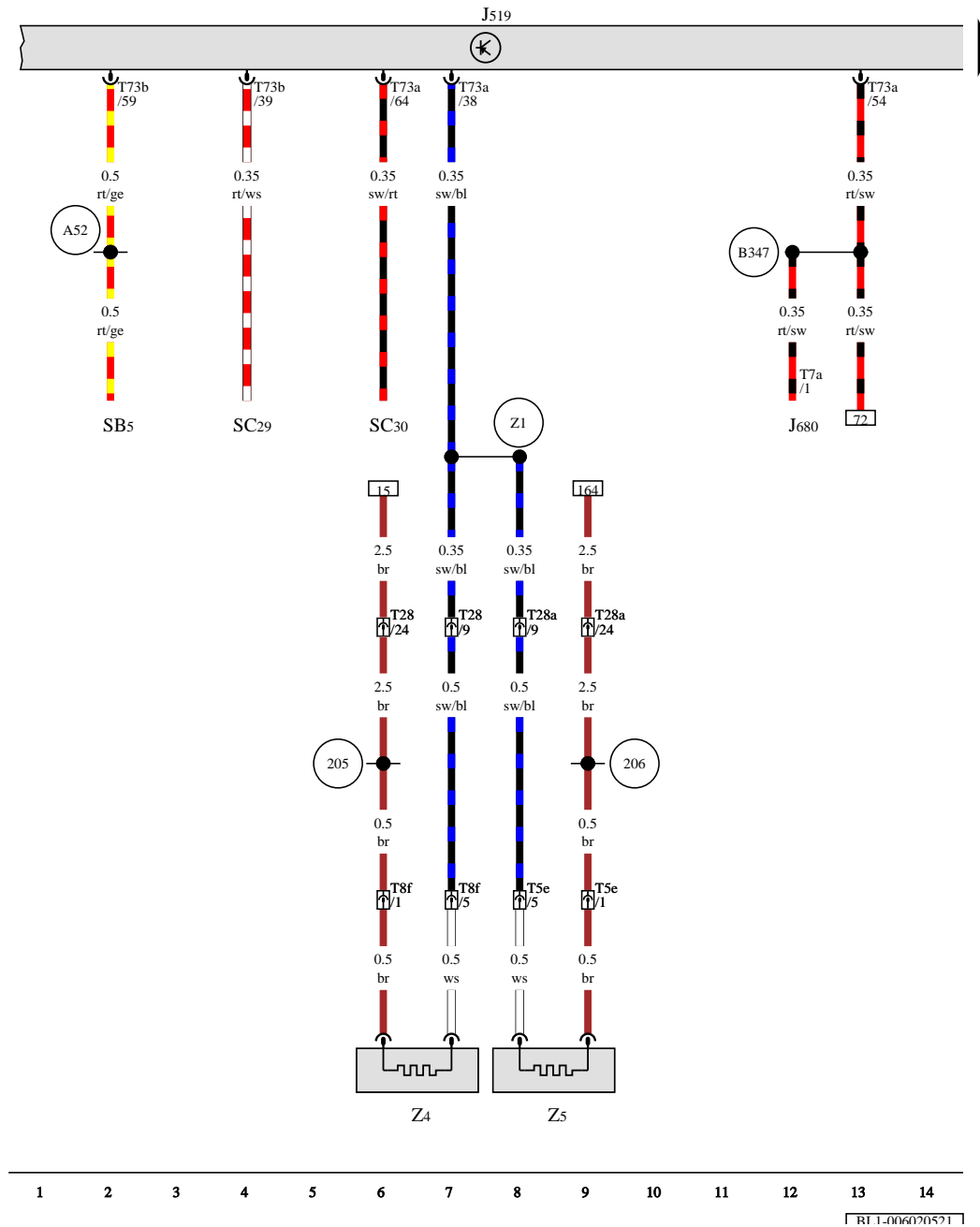
155 156 157 158 159 160 161 162 163 164 165 166 167 168

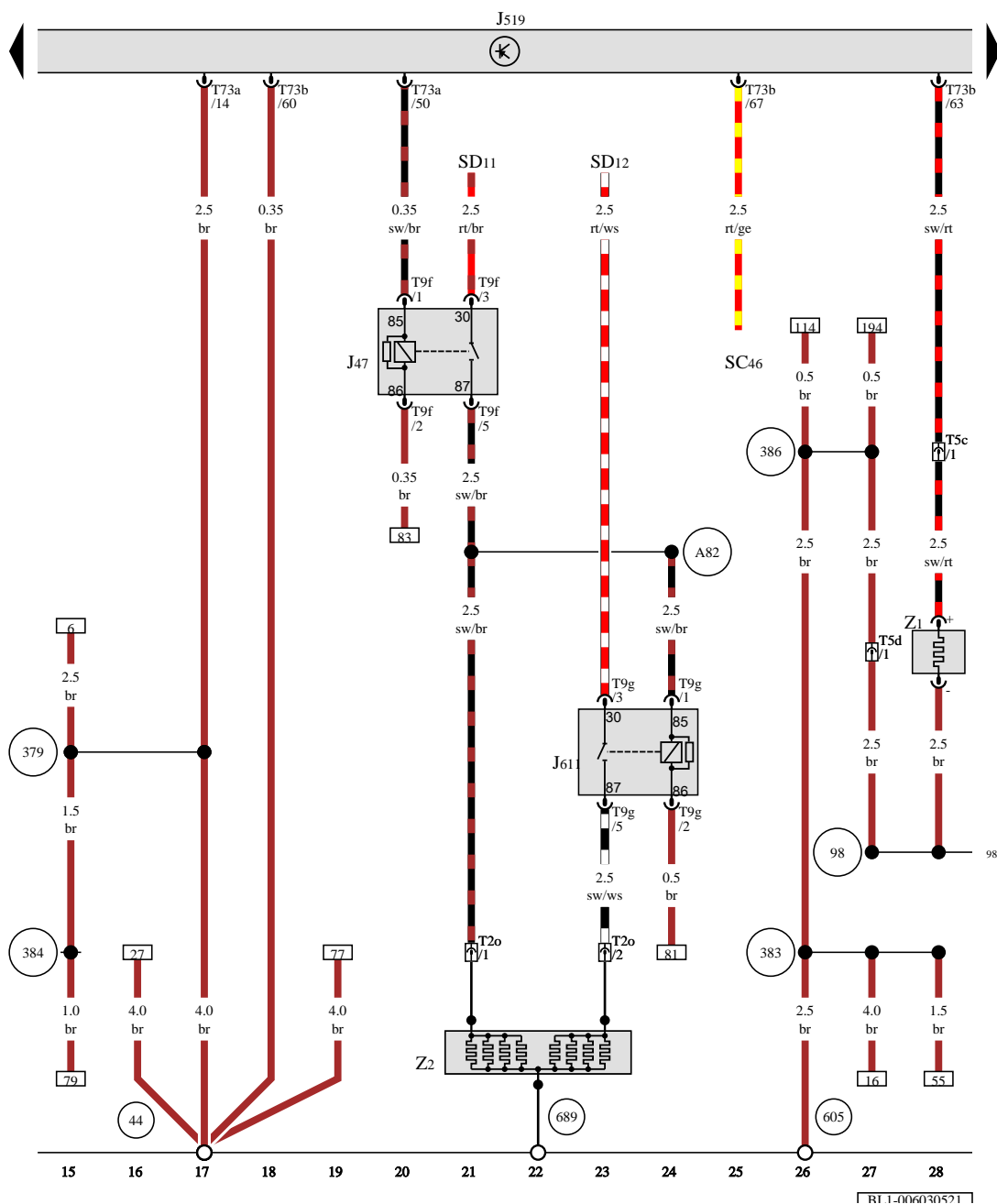
[RT L-005130521]

Basic equipment

From July 2013

Onboard supply control unit, Terminal 75 voltage supply relay 1, Heated exterior mirror on driver side, Heated exterior mirror on passenger side

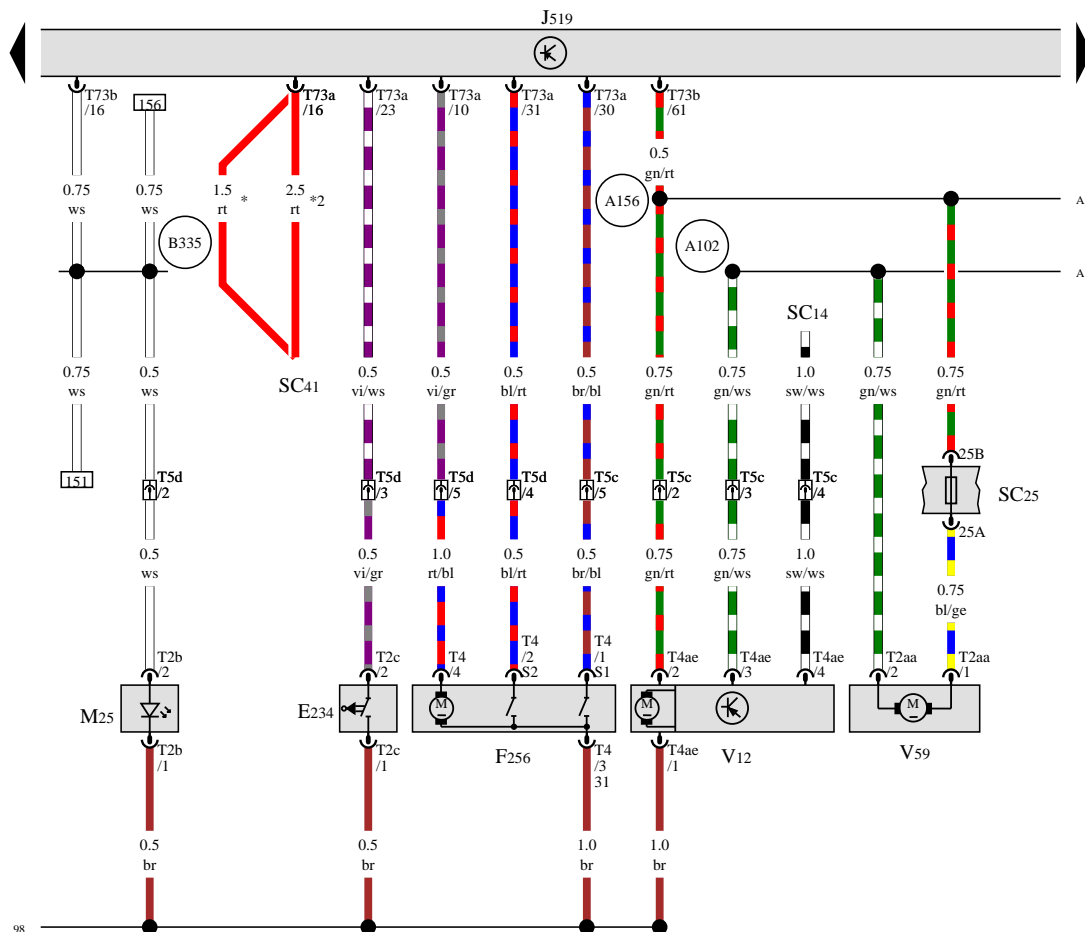




Heated windscreen relay, Onboard supply control unit, Heated windscreen relay 2, Heated rear window, Heated windscreen

- J47 Heated windscreen relay
 - J519 Onboard supply control unit
 - J611 Heated windscreen relay 2
 - SD11 Fuse 11 on fuse holder D
 - SD12 Fuse 12 on fuse holder D
 - SC46 Fuse 46 on fuse holder C
 - T2o 2-pin connector
 - T5c 5-pin connector, in rear lid
 - T5d 5-pin connector
 - T9f 9-pin connector
 - T9g 9-pin connector
 - T73a 73-pin connector
 - T73b 73-pin connector
 - Z1 Heated rear window
 - Z2 Heated windscreen
- (44) Earth point, lower part of left A-pillar
 - (98) Earth connection, in rear lid wiring harness
 - (379) Earth connection 14, in main wiring harness
 - (383) Earth connection 18, in main wiring harness
 - (384) Earth connection 19, in main wiring harness
 - (386) Earth connection 21, in main wiring harness
 - (605) Earth point, on top end of steering column
 - (689) Earth point, at front, central in roof
 - (A82) Connection (windscreen heater), in dash panel wiring harness

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



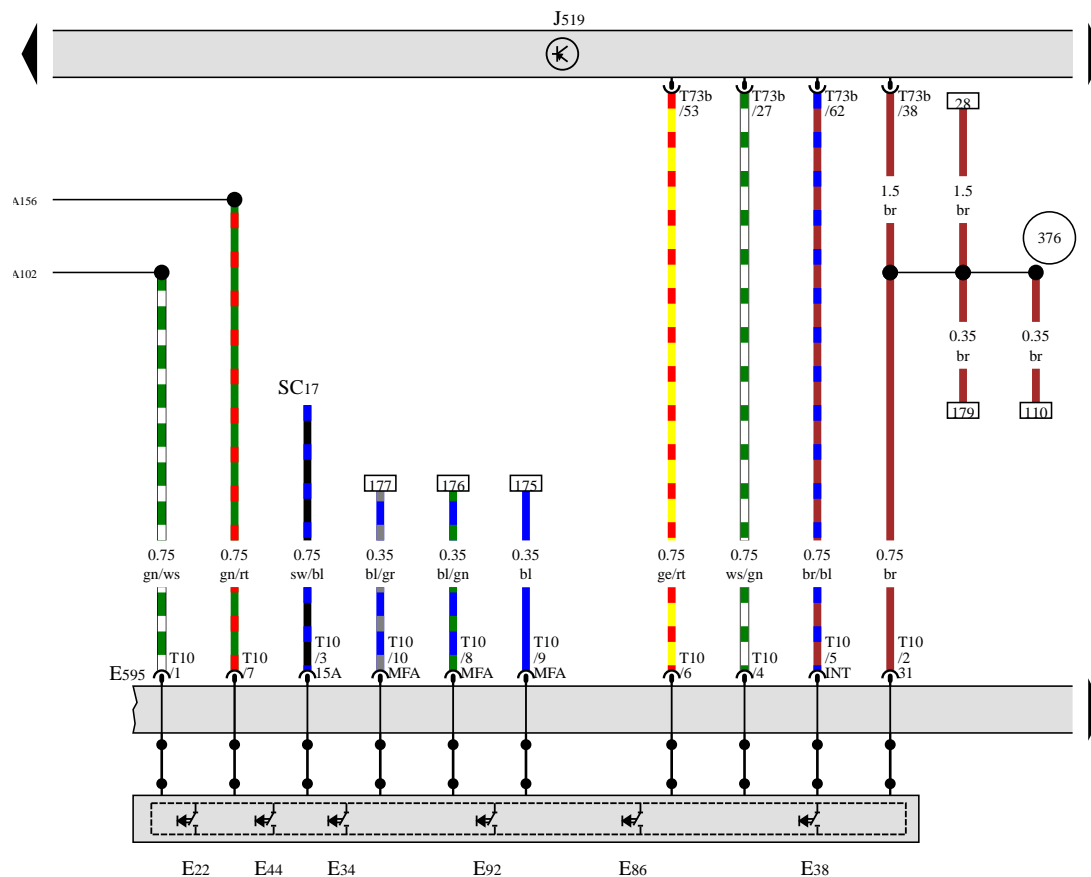
Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Windscreen and rear window washer pump

- E234 Rear lid handle release button
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC14 Fuse 14 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2aa 2-pin connector
- T2b 2-pin connector
- T2c 2-pin connector
- T4 4-pin connector
- T4ae 4-pin connector
- T5c 5-pin connector, in rear lid
- T5d 5-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

- 98 Earth connection, in rear lid wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

- * From November 2013
- *2 Up to November 2013

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



Steering column combination switch, Onboard supply control unit

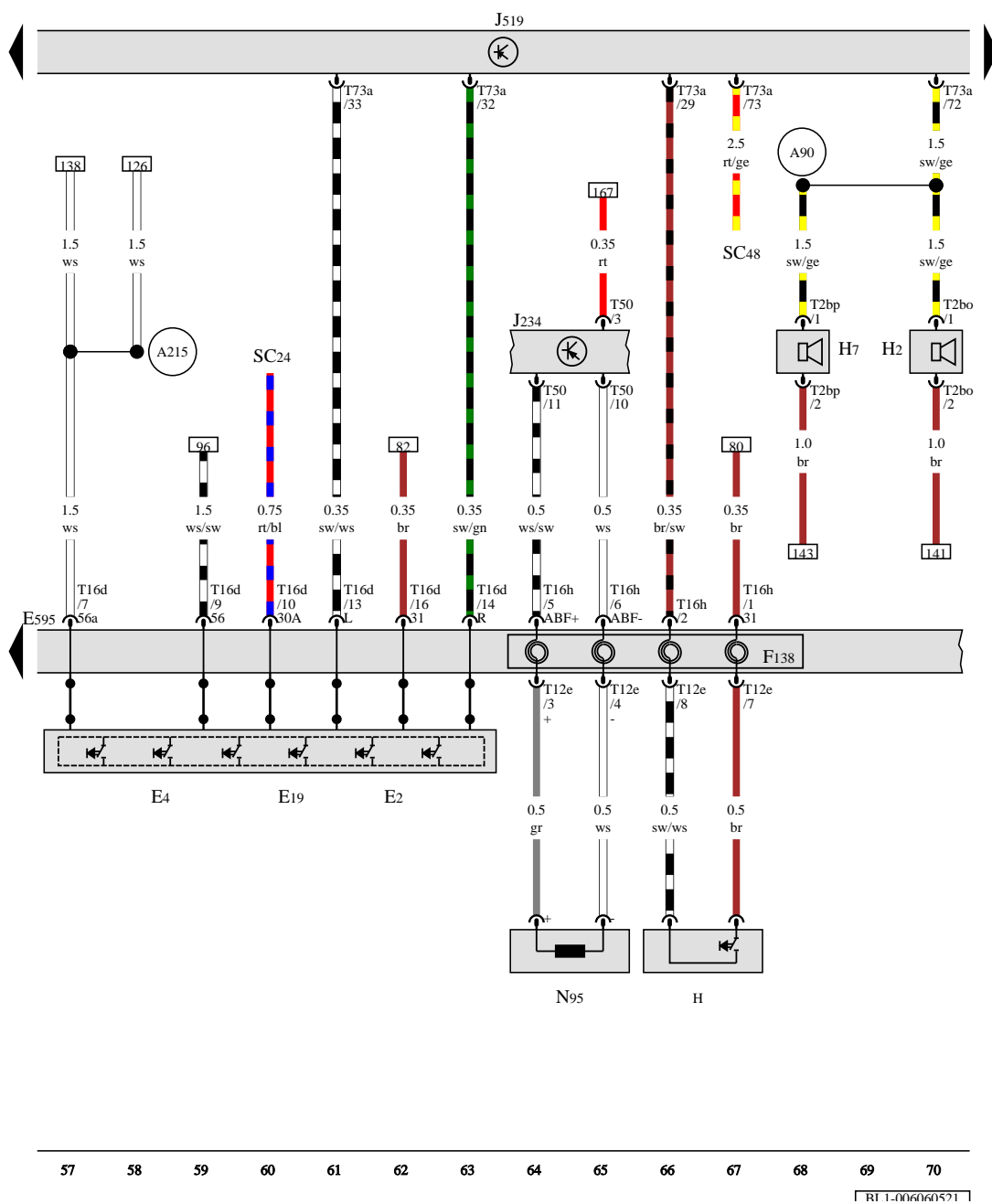
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- SC17 Fuse 17 on fuse holder C
- T10 10-pin connector
- T73b 73-pin connector

- 376 Earth connection 11, in main wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness

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

43 44 45 46 47 48 49 50 51 52 53 54 55 56

RT 1-006050521

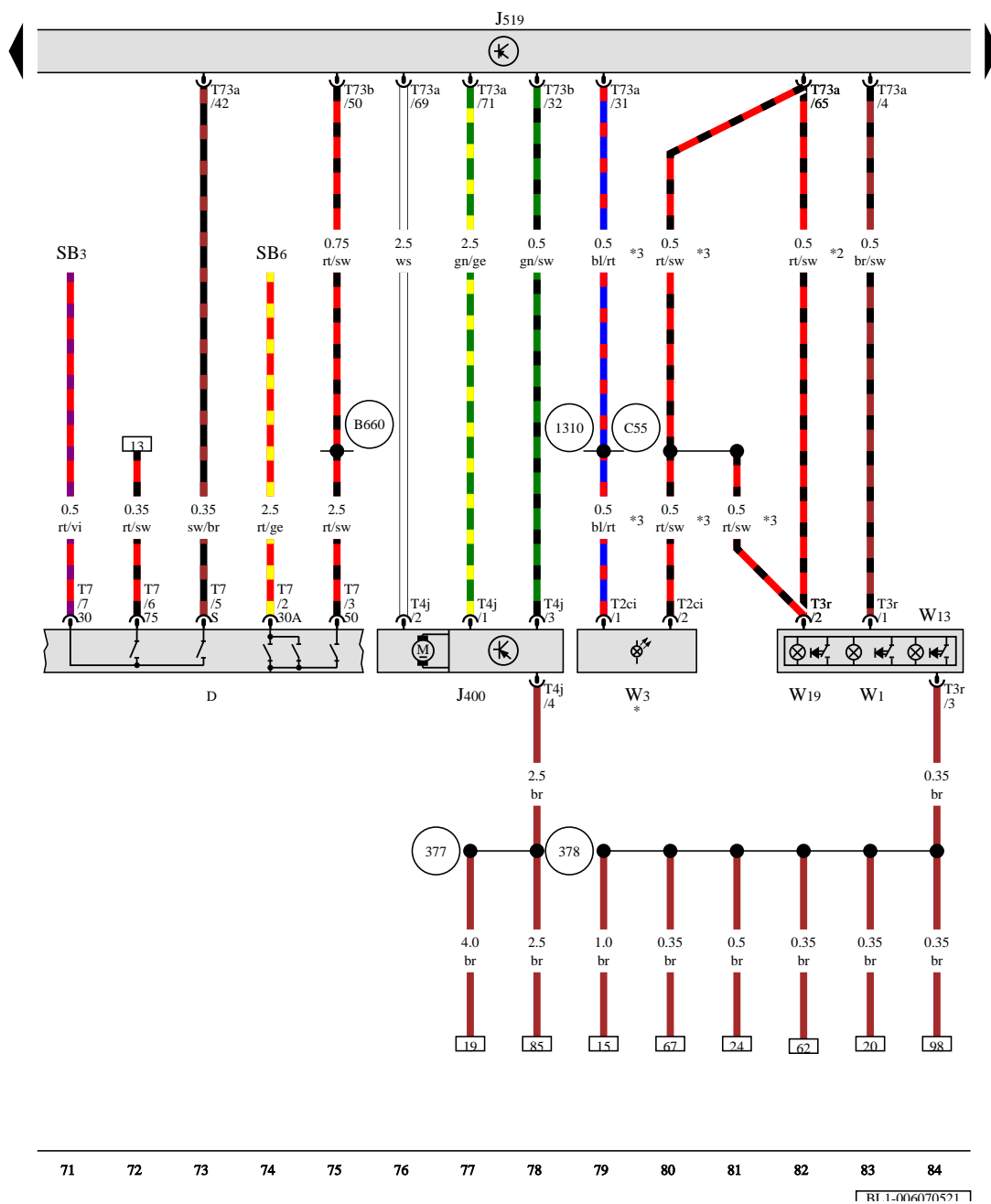


Turn signal switch, Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Treble horn, Bass horn, Onboard supply control unit, Airbag igniter on driver side

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
 - H Horn plate
 - H2 Treble horn
 - H7 Bass horn
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Airbag igniter on driver side
- SC24 Fuse 24 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T2bo 2-pin connector
- T2bp 2-pin connector
- T12e 12-pin connector
- T16d 16-pin connector
- T16h 16-pin connector
- T50 50-pin connector
- T73a 73-pin connector
- A90 Connection (dual tone horn), in dash panel wiring harness
- A215 Connection 2 (56a), in dash panel wiring harness

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

Wiper motor control unit, Onboard supply control unit,
Front interior light, Luggage compartment light, Front
passenger reading light, Driver side reading light

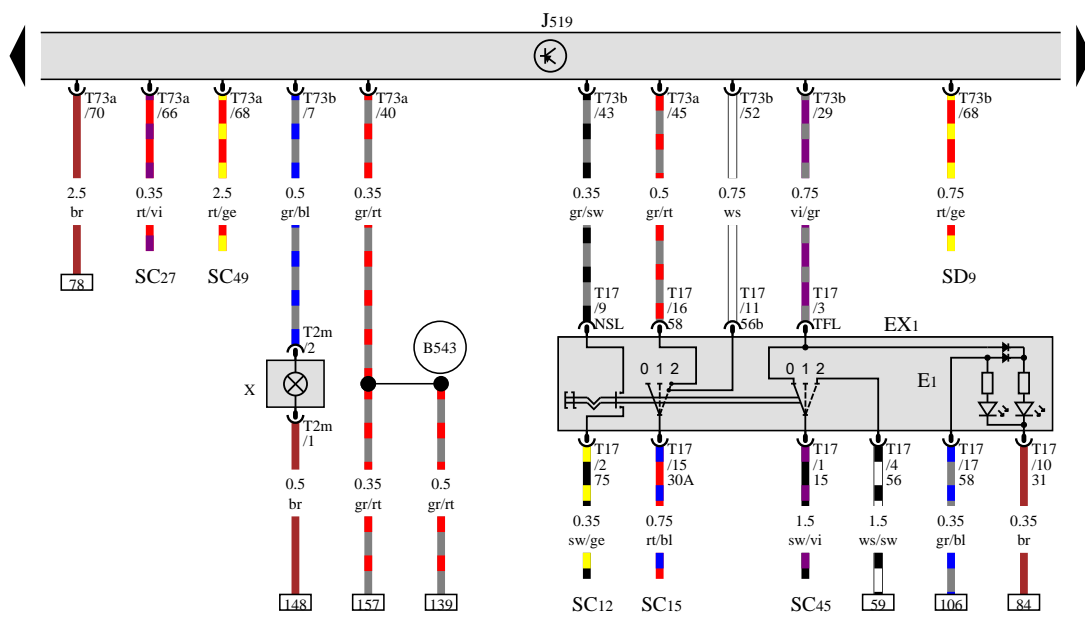


- D Ignition/starter switch
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2ci 2-pin connector, black
- T3r 3-pin connector
- T4j 4-pin connector
- T7 7-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W19 Driver side reading light

- 377 Earth connection 12, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 1310 Earth connection 36, in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- C55 Positive connection (30a), in front left wiring harness
- * According to equipment
- *2 For models with no luggage compartment light
- *3 For models with luggage compartment light

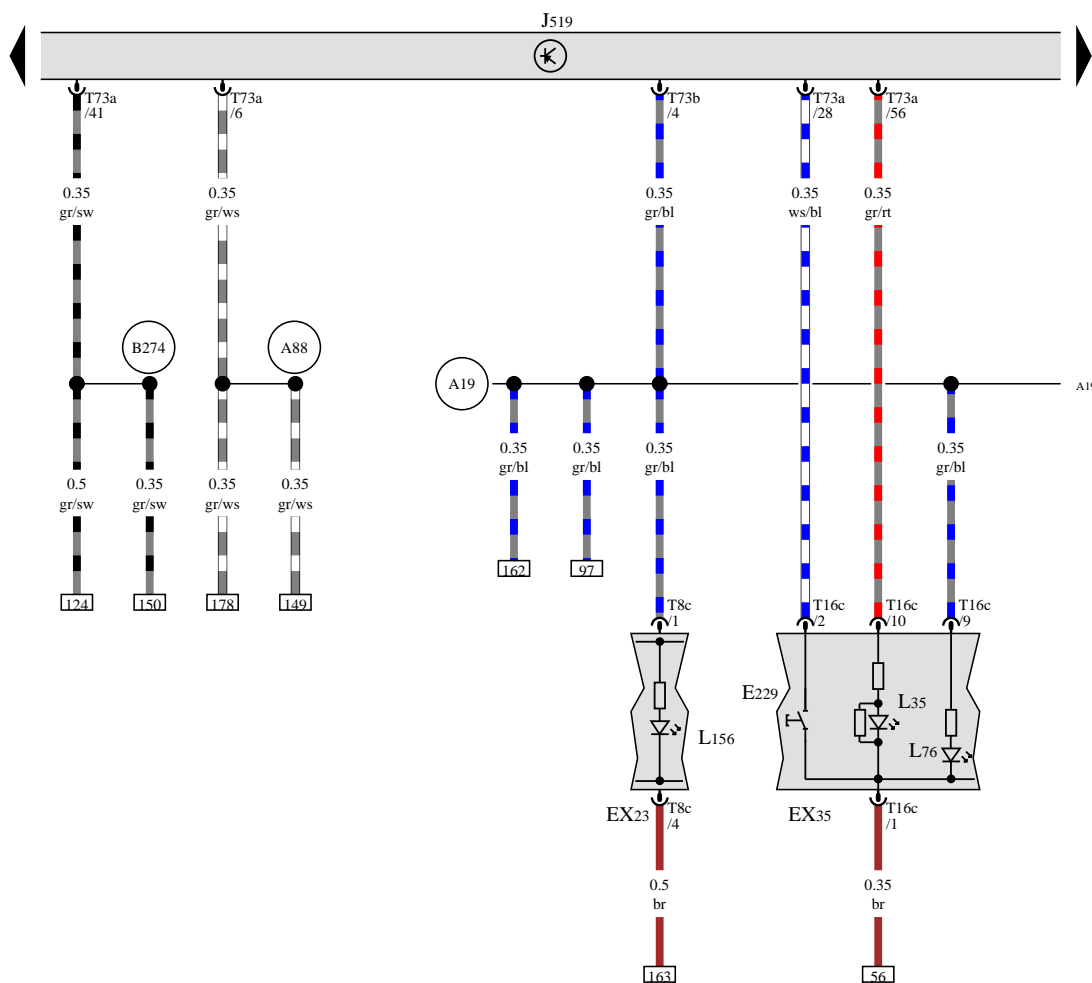
Rotary light switch, Onboard supply control unit

- | | |
|------|---|
| EX1 | Rotary light switch |
| E1 | Light switch |
| J519 | Onboard supply control unit |
| SD9 | Fuse 9 on fuse holder D |
| SC12 | Fuse 12 on fuse holder C |
| SC15 | Fuse 15 on fuse holder C |
| SC27 | Fuse 27 on fuse holder C |
| SC45 | Fuse 45 on fuse holder C |
| SC49 | Fuse 49 on fuse holder C |
| T2m | 2-pin connector |
| T17 | 17-pin connector |
| T73a | 73-pin connector |
| T73b | 73-pin connector |
| X | Number plate light |
| B543 | Positive connection (58R), 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

Hazard warning lights button, Onboard supply control unit



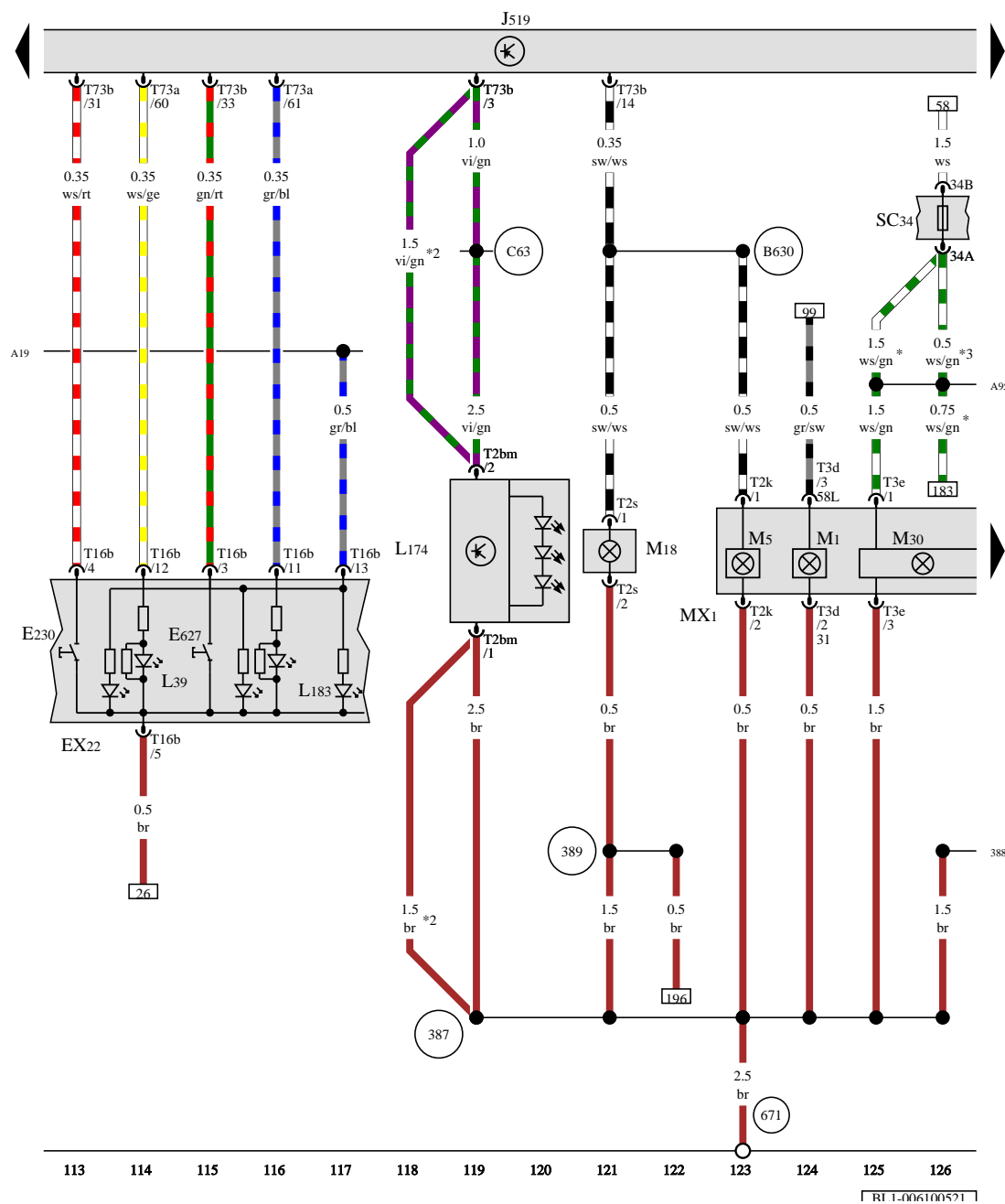
- | | |
|------|--|
| EX23 | Switch module 1 in centre console |
| EX35 | Centre switch module 2 in dash panel |
| E229 | Hazard warning lights button |
| J519 | Onboard supply control unit |
| L35 | Hazard warning lights switch illumination bulb |
| L76 | Button illumination bulb |
| L156 | Switch illumination bulb |
| T8c | 8-pin connector |
| T16c | 16-pin connector |
| T73a | 73-pin connector |
| T73b | 73-pin connector |

- (A19) Connection (58d), in dash panel wiring harness

- A88 Connection (RFL), in dash panel wiring harness

- (B274) Positive connection (58L), 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

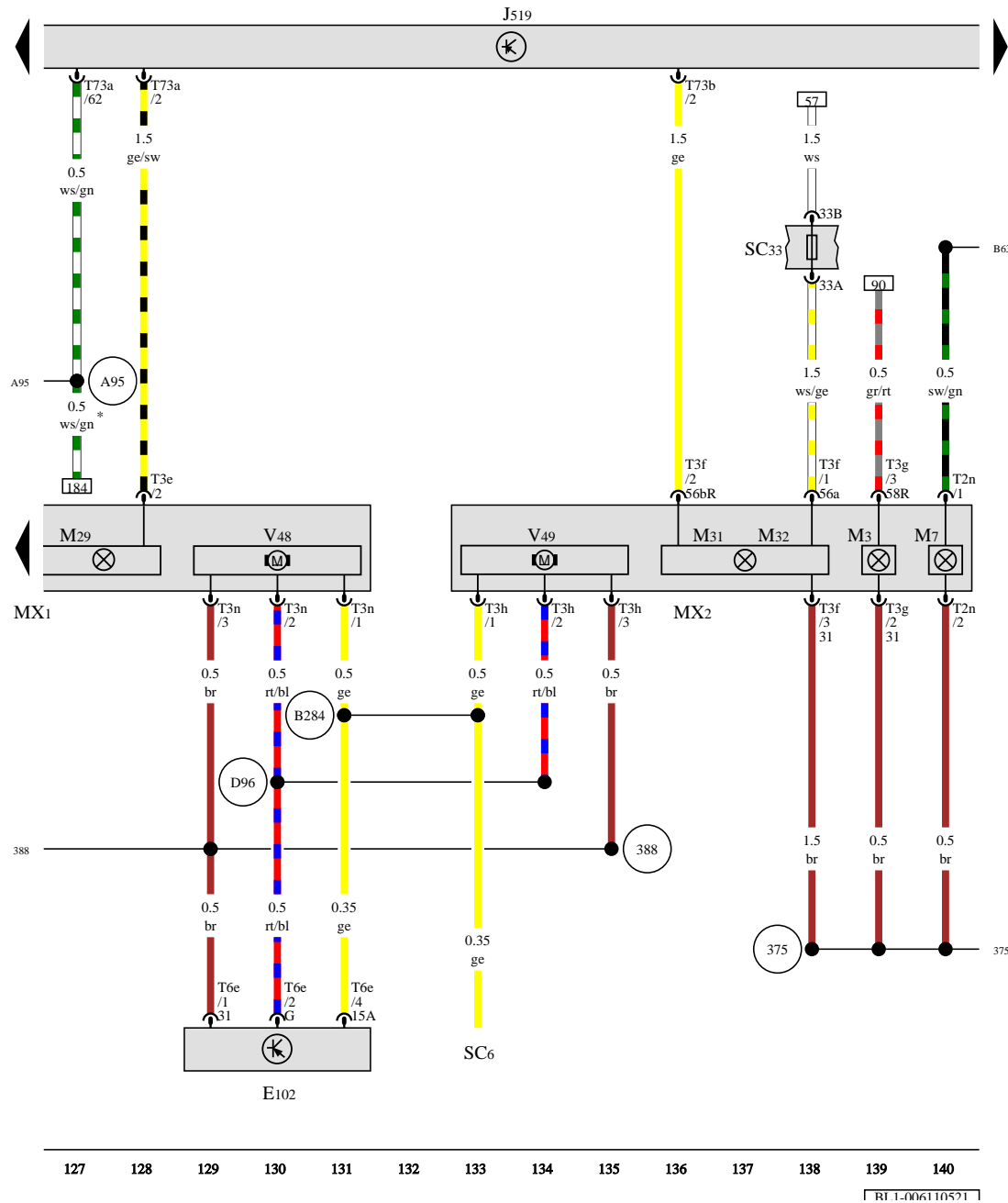


Heated rear window button, Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left headlight, Front left turn signal bulb, Left turn signal repeater bulb, Left headlight main beam bulb

- EX22 Centre switch module in dash panel
- E230 Heated rear window button
- E627 Heated windscreen button
- J519 Onboard supply control unit
- L39 Heated rear window switch illumination bulb
- L174 Left daytime running light bulb
- L183 Bulb for heated windscreen switch illumination
- M1 Left side light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M18 Left turn signal repeater bulb
- M30 Left headlight main beam bulb
- SC34 Fuse 34 on fuse holder C
- T2bm 2-pin connector
- T2k 2-pin connector
- T2s 2-pin connector
- T3d 3-pin connector
- T3e 3-pin connector
- T16b 16-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- A19 Connection (58d), in dash panel wiring harness
- A95 Connection 1 (56a), in dash panel wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- C63 Positive connection 1, in daytime running light wiring harness
- * From May 2014
- *2 For right-hand drive models
- *3 Up to May 2014

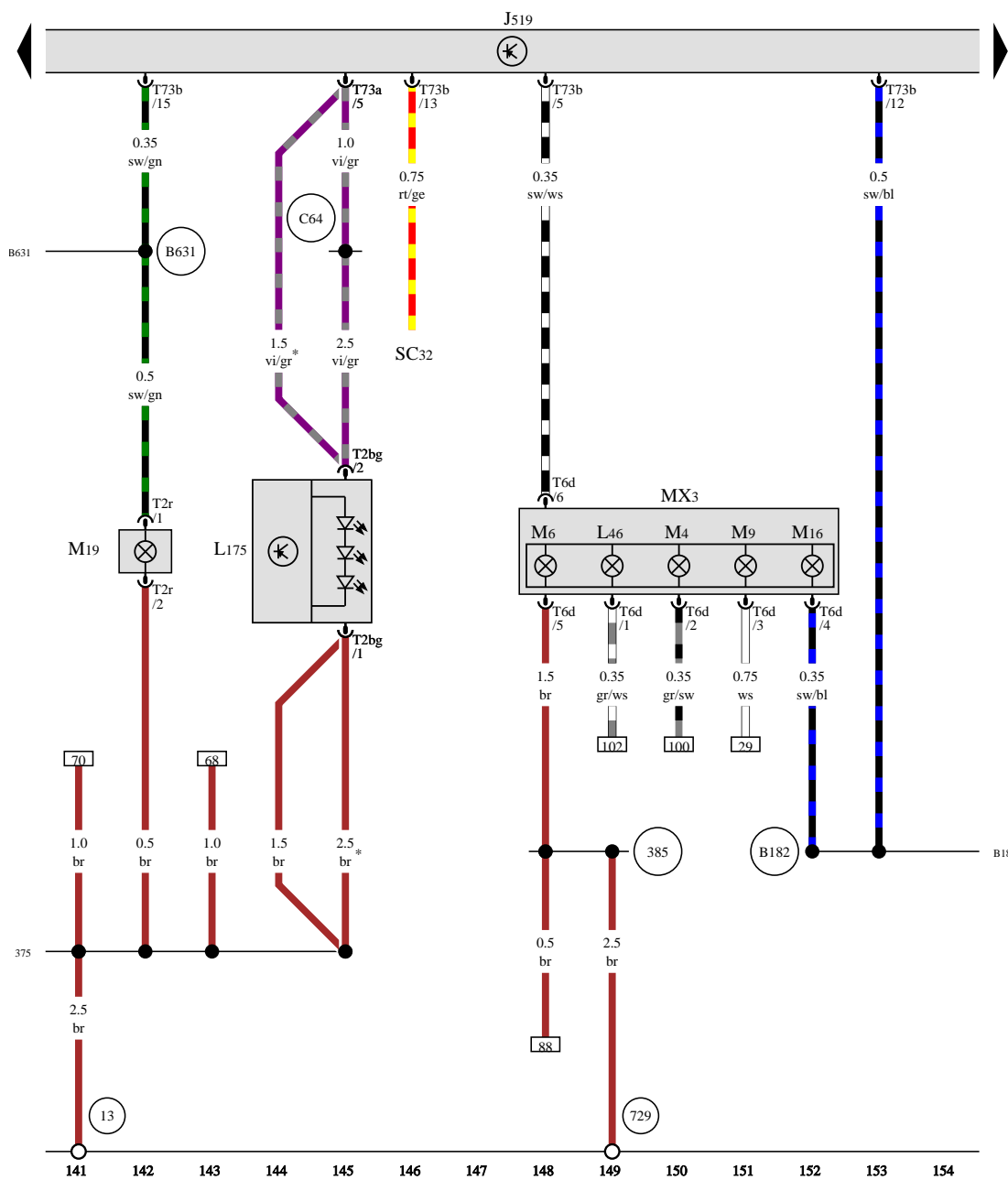
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Headlight range control regulator, Onboard supply control unit, Front left headlight, Front right headlight, Right side light bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Left headlight range control motor, Right headlight range control motor

- E102 Headlight range control regulator
- J519 Onboard supply control unit
- MX1 Front left headlight
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- SC6 Fuse 6 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- T2n 2-pin connector
- T3e 3-pin connector
- T3f 3-pin connector
- T3g 3-pin connector
- T3h 3-pin connector
- T3n 3-pin connector
- T6e 6-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- V48 Left headlight range control motor
- V49 Right headlight range control motor

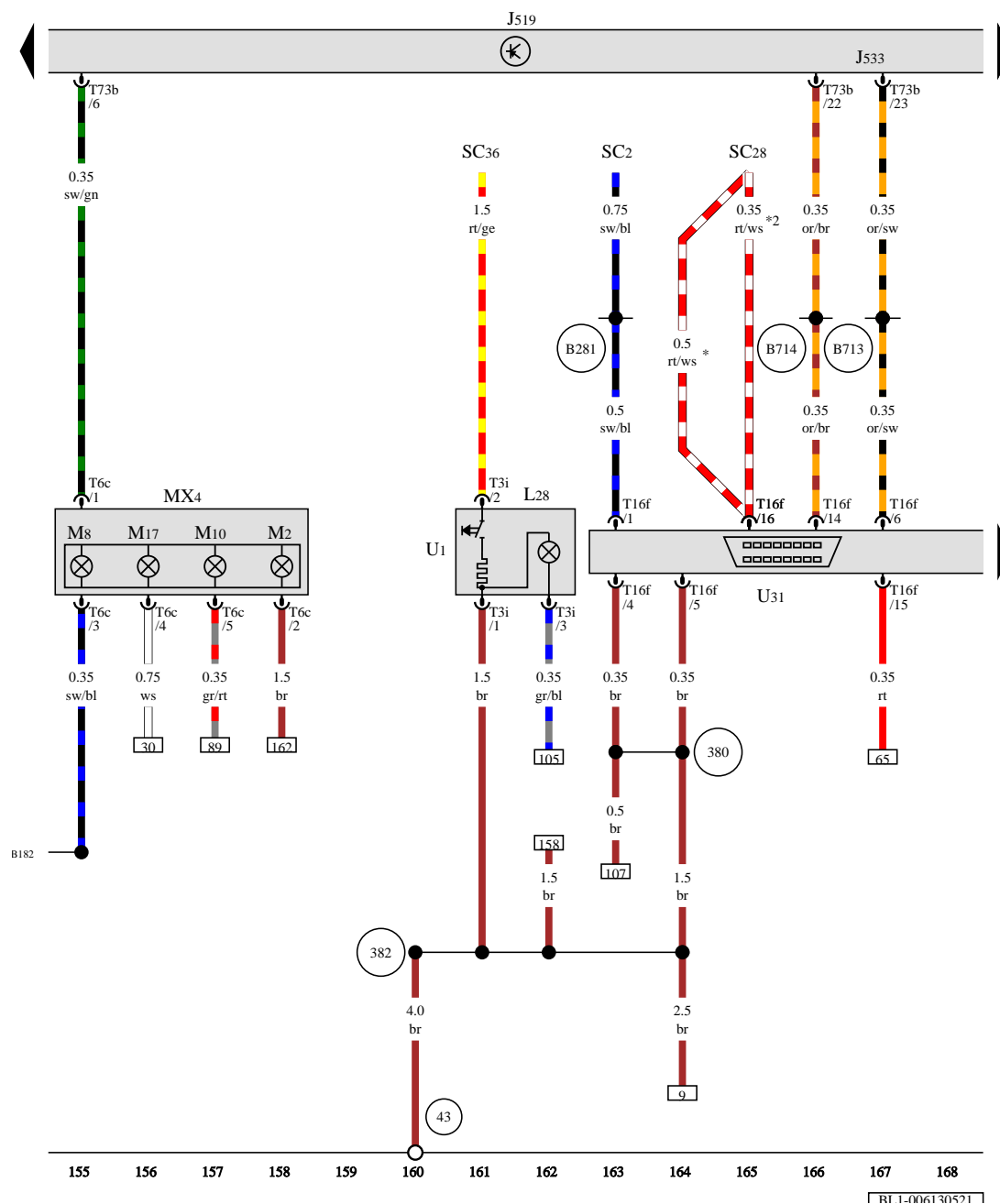
- 375 Earth connection 10, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- A95 Connection 1 (56a), in dash panel wiring harness
- B284 Positive connection 8 (15a) in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- D96 Connection (headlight range control), in engine compartment wiring harness
- * Up to May 2014



Onboard supply control unit, Rear left fog light bulb, Right daytime running light bulb, Left tail light cluster, Left tail light bulb, Rear left turn signal bulb, Left brake light bulb, Left reversing light bulb, Right turn signal repeater bulb

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L175 Right daytime running light bulb
- MX3 Left tail light cluster
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M19 Right turn signal repeater bulb
- SC32 Fuse 32 on fuse holder C
- T2bg 2-pin connector
- T2r 2-pin connector
- T6d 6-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B182 Connection (RL), in interior wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- C64 Positive connection 2, in daytime running light wiring harness
- * For right-hand drive models

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

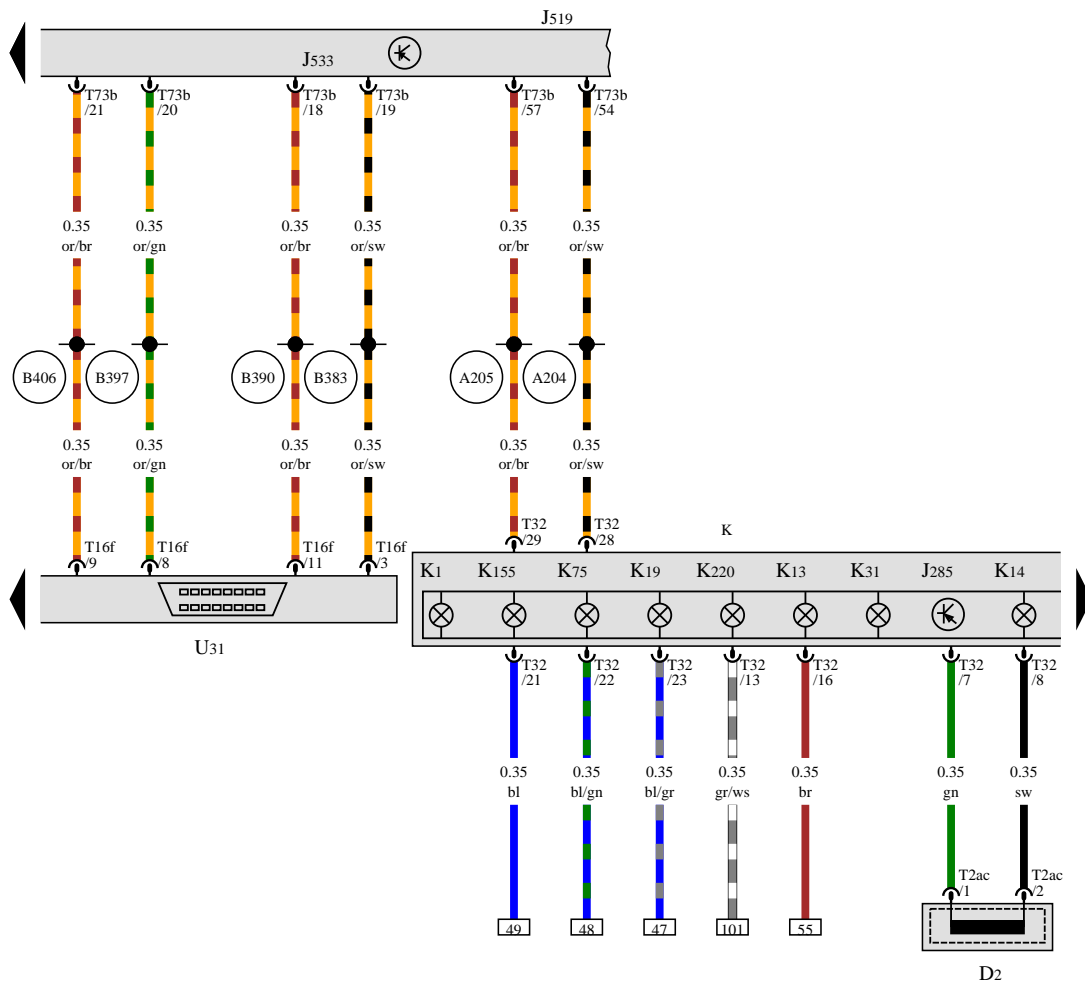


Onboard supply control unit, Right tail light bulb, Right tail light cluster, Rear right turn signal bulb, Right brake light bulb, Right reversing light bulb, Cigarette lighter, Diagnostic connection

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- L28 Cigarette lighter illumination bulb
- M2 Right tail light bulb
- MX4 Right tail light cluster
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- SC2 Fuse 2 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T3i 3-pin connector
- T6c 6-pin connector
- T16f 16-pin connector
- T73b 73-pin connector
- U1 Cigarette lighter
- U31 Diagnostic connection

- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B281 Positive connection 5 (15a) 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

* From May 2014
*2 Up to May 2014



Immobiliser reader coil, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Diagnostic connection

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- K14 Handbrake warning lamp
- K19 Seat belt warning system warning lamp
- K31 Cruise control system warning lamp
- K75 Airbag warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K220 Tyre Pressure Loss Indicator warning lamp
- T2ac 2-pin connector
- T16f 16-pin connector
- T32 32-pin connector
- T73b 73-pin connector
- U31 Diagnostic connection

- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, 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

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

Brake fluid level warning contact, Parking brake contact switch, Ambient temperature sensor, Coolant shortage indicator sender, Dash panel insert

- F34 Brake fluid level warning contact
- F321 Parking brake contact switch
- G17 Ambient temperature sensor
- G32 Coolant shortage indicator sender
- J119 Multifunction indicator
- K Dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K33 Brake fluid level warning lamp
- K47 ABS warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K86 Traction control system warning lamp
- K149 Engine electronics warning lamp
- K261 Warning lamp for left turn signal
- K262 Warning lamp for right turn signal
- SC1 Fuse 1 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- T2ab 2-pin connector
- T2ad 2-pin connector
- T2ae 2-pin connector
- T2u 2-pin connector
- T32 32-pin connector

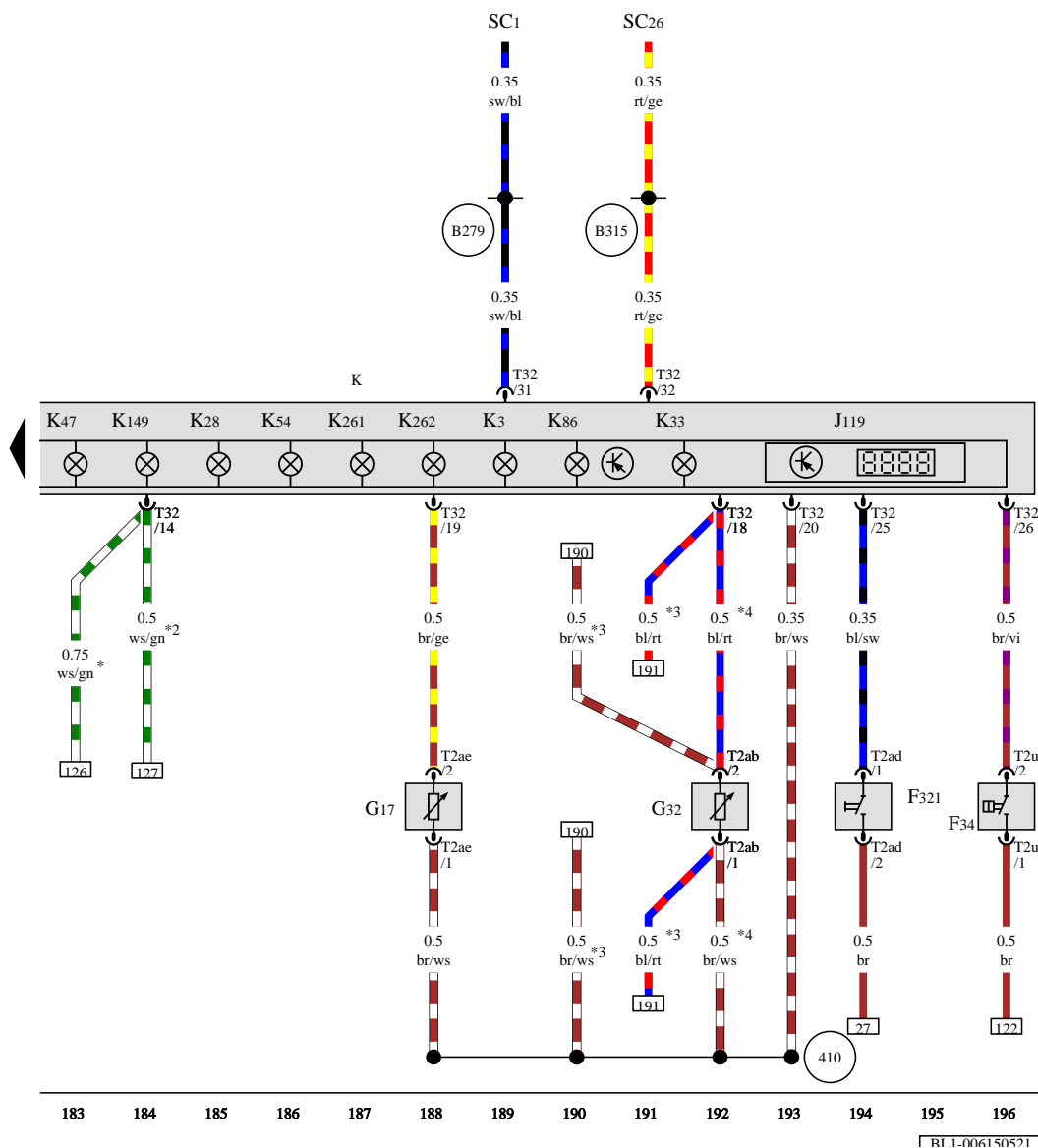
410 Earth connection 1 (sender earth) in main wiring harness

B279 Positive connection 3 (15a) in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

- * From May 2014
- *2 Up to May 2014
- *3 From November 2014
- *4 Up to November 2014

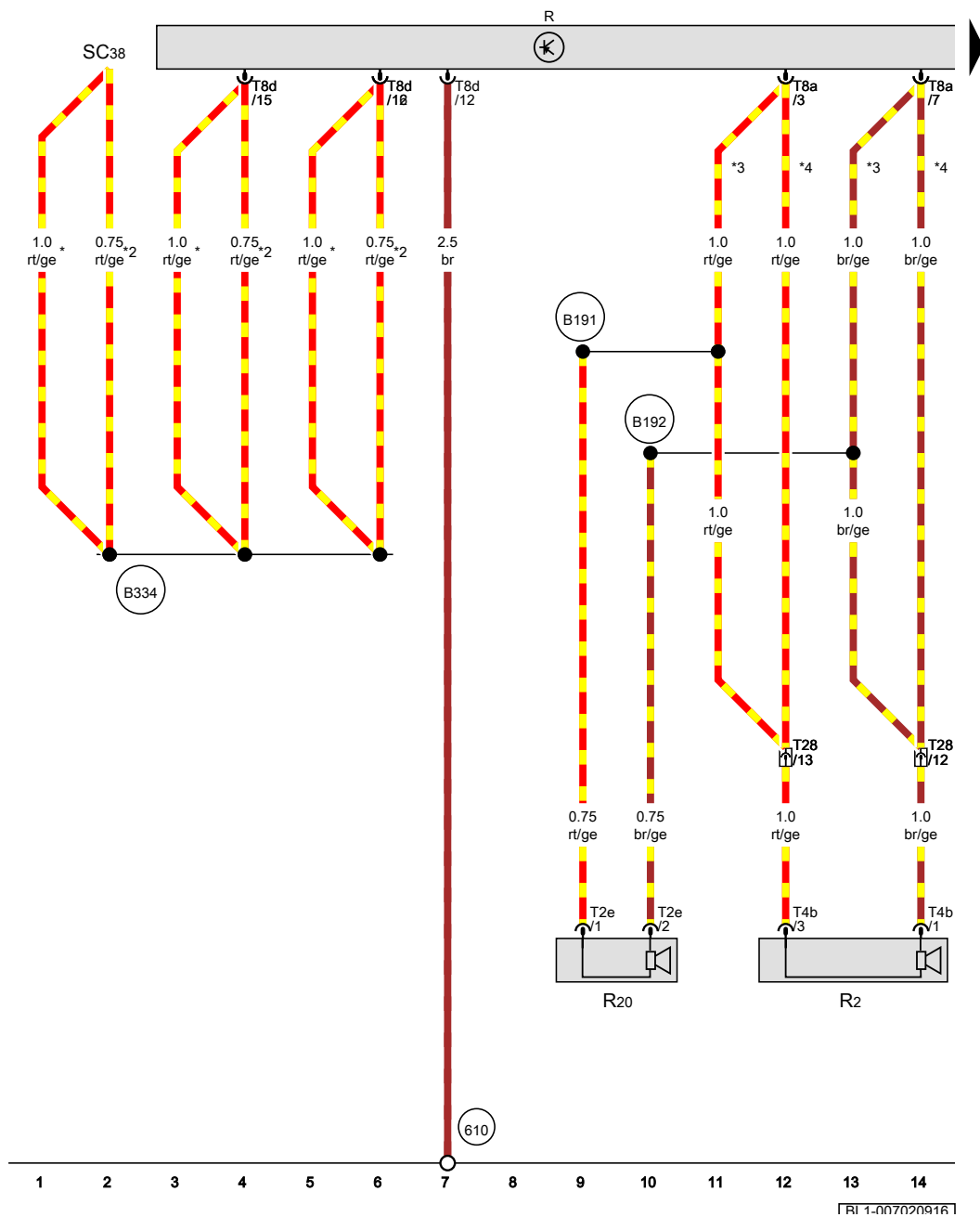
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Radio system

From July 2013

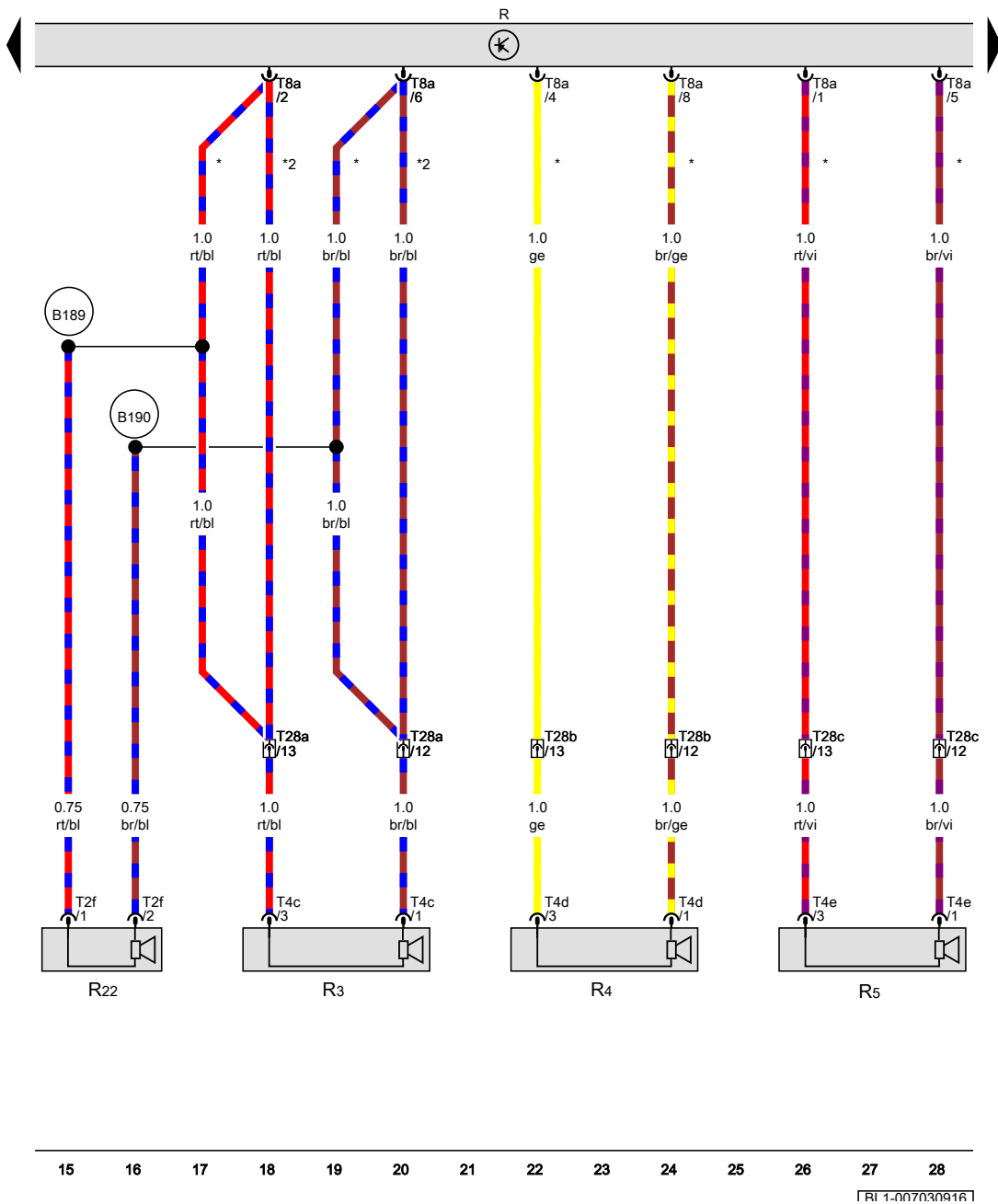
Radio, Front left loudspeaker, Front left treble loudspeaker



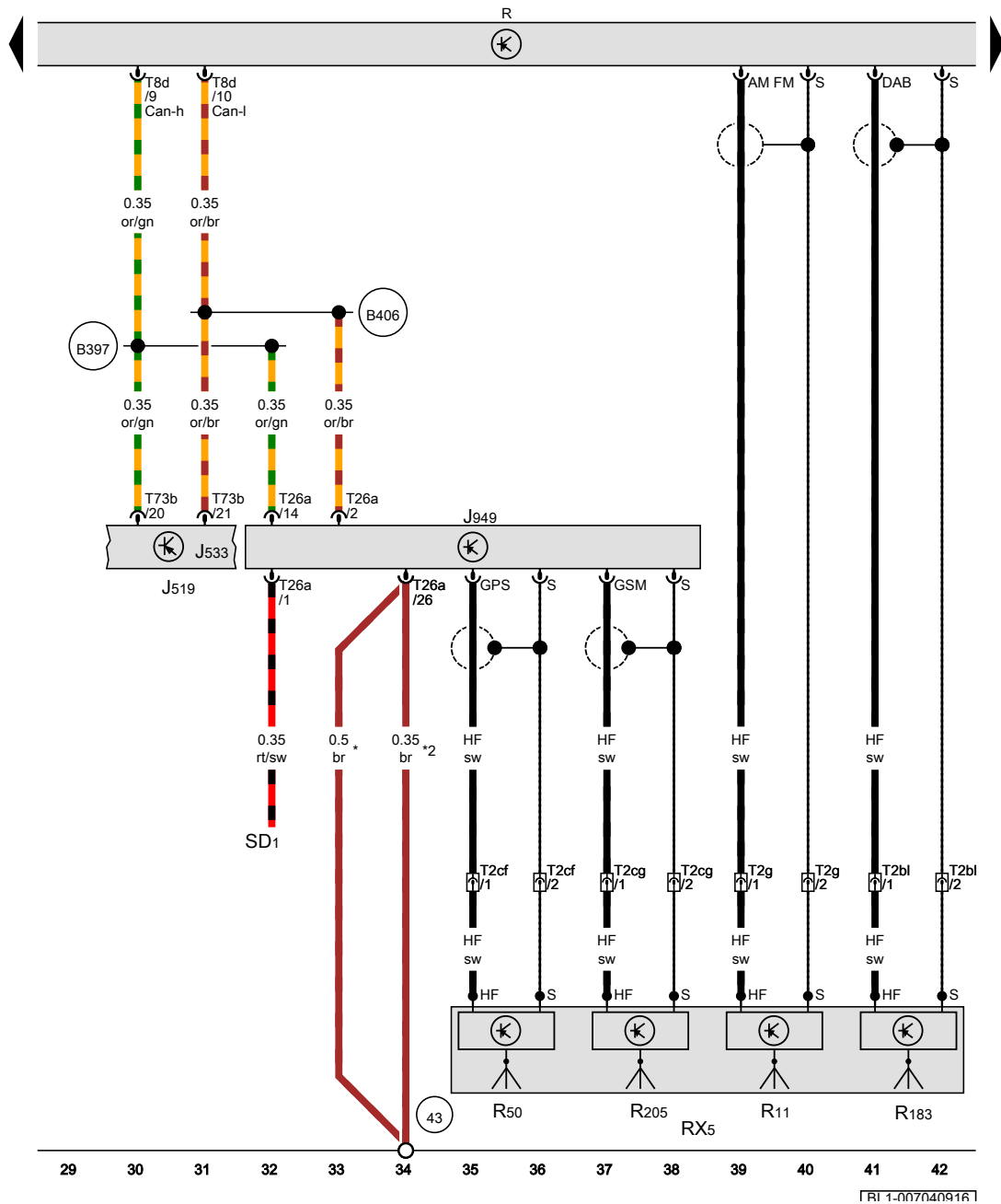
- R Radio
- R2 Front left loudspeaker, in driver door
- R20 Front left treble loudspeaker
- SC38 Fuse 38 on fuse holder C
- T2e 2-pin connector
- T4b 4-pin connector
- T8a 8-pin connector
- T8d 8-pin connector
- T28 28-pin connector, on left A-pillar
- 610 Earth point (audio), front below centre console
- B191 Connection (positive, front left loudspeaker), in interior wiring harness
- B192 Connection (negative, front left loudspeaker), in interior wiring harness
- B334 Positive connection 20 (30a) in main wiring harness
- * From November 2013
- *2 Up to November 2013
- *3 Only models with equipment (6-passive loudspeakers)
- *4 Only models with 2 loudspeakers (8RD)

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

Radio, Front right loudspeaker, Rear left loudspeaker, Rear right loudspeaker, Front right treble loudspeaker



- R Radio
- R3 Front right loudspeaker, in front passenger door
- R4 Rear left loudspeaker
- R5 Rear right loudspeaker
- R22 Front right treble loudspeaker
- T2f 2-pin connector
- T4c 4-pin connector
- T4d 4-pin connector
- T4e 4-pin connector
- T8a 8-pin connector
- T28a 28-pin connector, on right A-pillar
- T28b 28-pin connector, on left B-pillar
- T28c 28-pin connector, on right B-pillar
- B189 Connection (positive, front right loudspeaker), in interior wiring harness
- B190 Connection (negative, front right loudspeaker), in interior wiring harness
- * Only models with equipment (6-passive loudspeakers)
- *2 Only models with 2 loudspeakers (8RD)



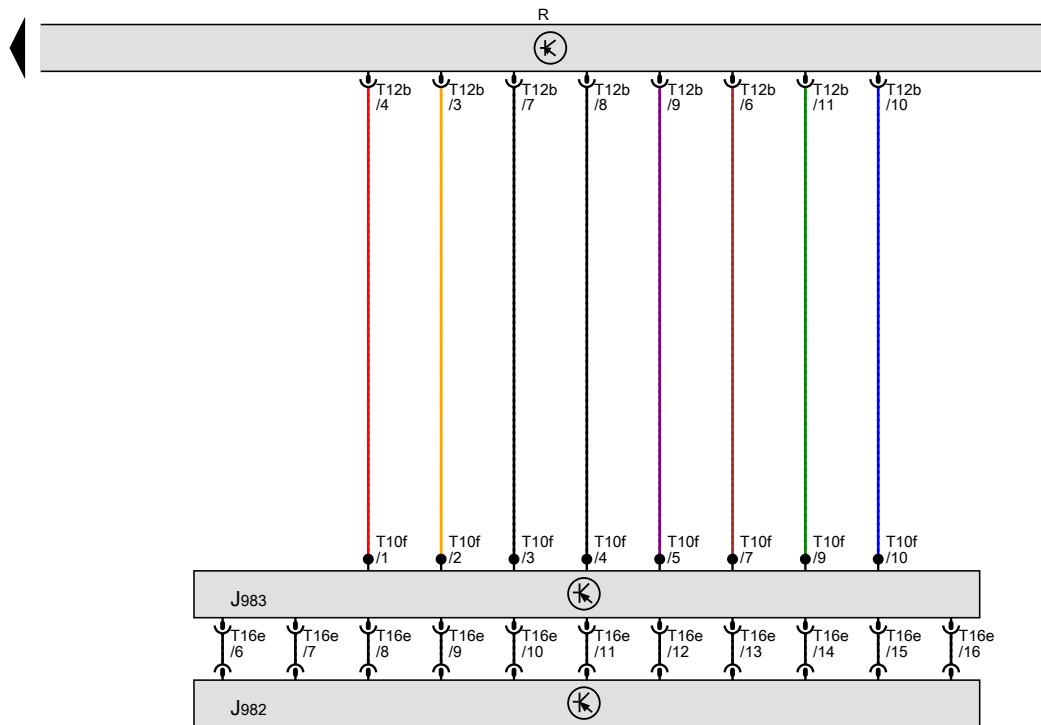
Onboard supply control unit, Data bus diagnostic interface, Emergency call module control unit and communication unit, Radio, Roof aerial, Aerial, GPS aerial, Digital radio aerial

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- R Radio
- RX5 Roof aerial
- R11 Aerial
- R50 GPS aerial
- R183 Digital radio aerial
- R205 GSM aerial
- SD1 Fuse 1 on fuse holder D
- T2bl 2-pin connector
- T2cf 2-pin connector
- T2cg 2-pin connector
- T2g 2-pin connector, near roof aerial
- T8d 8-pin connector
- T26a 26-pin connector
- T73b 73-pin connector

- 43 Earth point, lower part of 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 2013
- *2 Up to November 2013

Portable navigation and infotainment system, Interface for portable navigation and infotainment system, Radio

- J982 Portable navigation and infotainment system
- J983 Interface for portable navigation and infotainment system
- R Radio
- T10f 10-pin connector
- T12b 12-pin connector
- T16e 16-pin connector



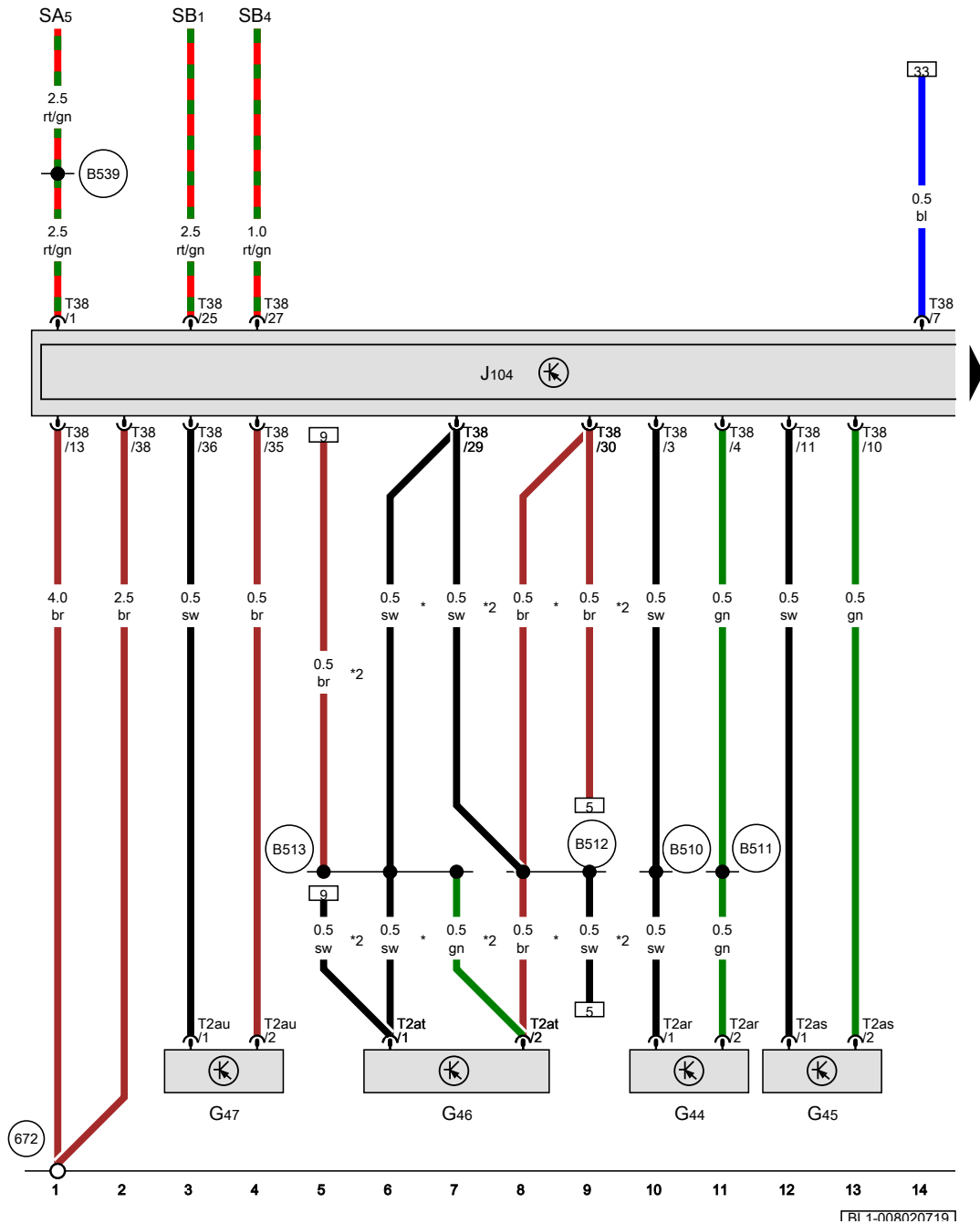
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

[RI 1-007050916]

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

From July 2013

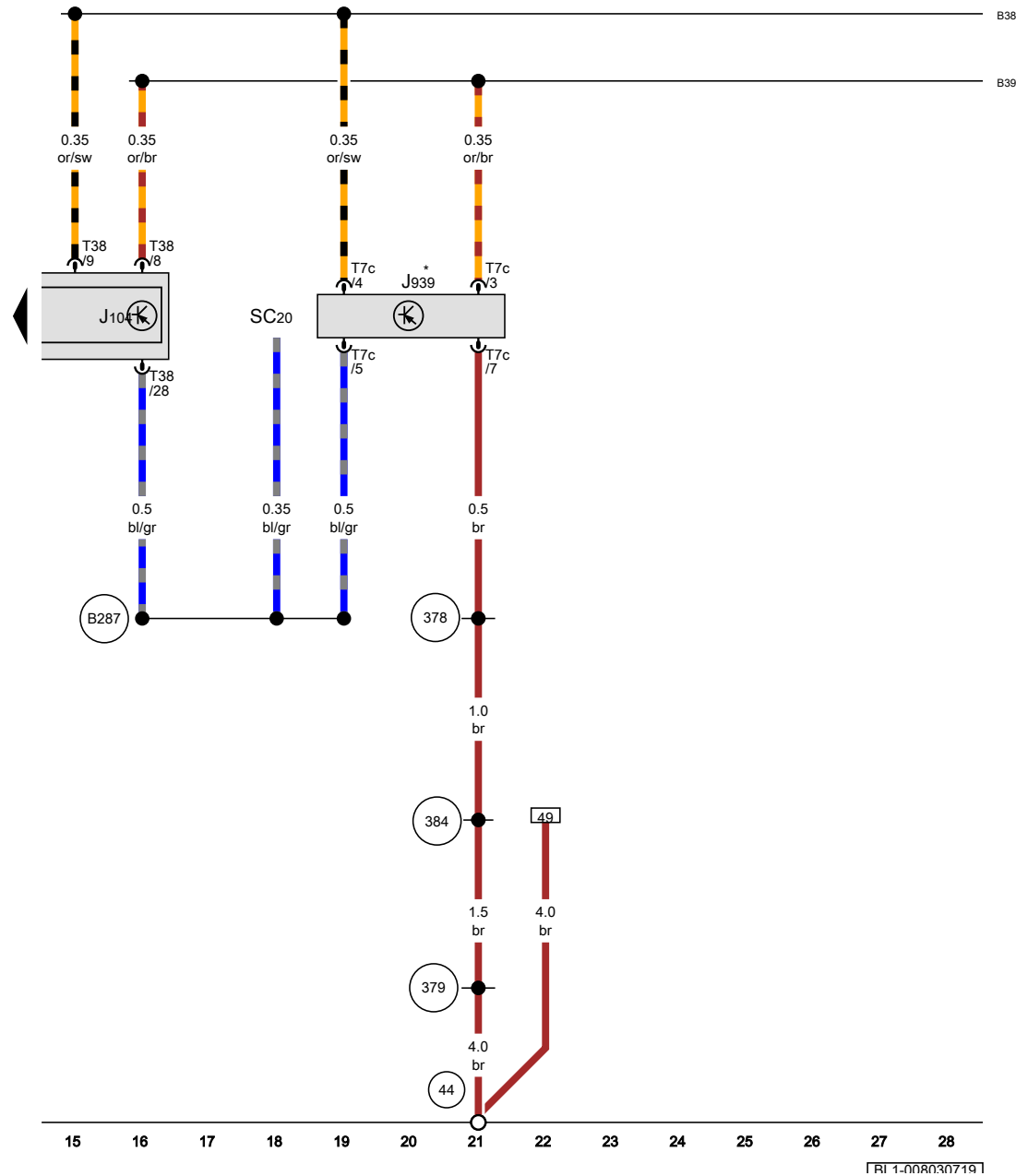


Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- SB1 Fuse 1 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SA5 Fuse 5 on fuse holder A
- T2ar 2-pin connector
- T2as 2-pin connector
- T2at 2-pin connector
- T2au 2-pin connector
- T38 38-pin connector

- 672 Earth point 2, on front of left longitudinal member
- 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
- B539 Connection 30, in main wiring harness
- * Up to August 2016
- *2 From August 2016

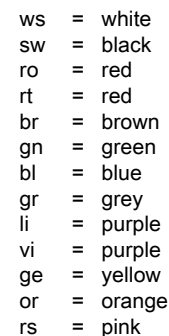
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



ABS control unit, Emergency braking function sensor unit

J104 ABS control unit
 J939 Emergency braking function sensor unit
 SC20 Fuse 20 on fuse holder C
 T7c 7-pin connector
 T38 38-pin connector

- 44 Earth point, lower part of left A-pillar
- 378 Earth connection 13, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- B287 Positive connection 11 (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
- * Optional equipment



* Optional equipment
*2 see applicable current flow diagram for basic equipment
*3 Up to August 2016
*4 From August 2016

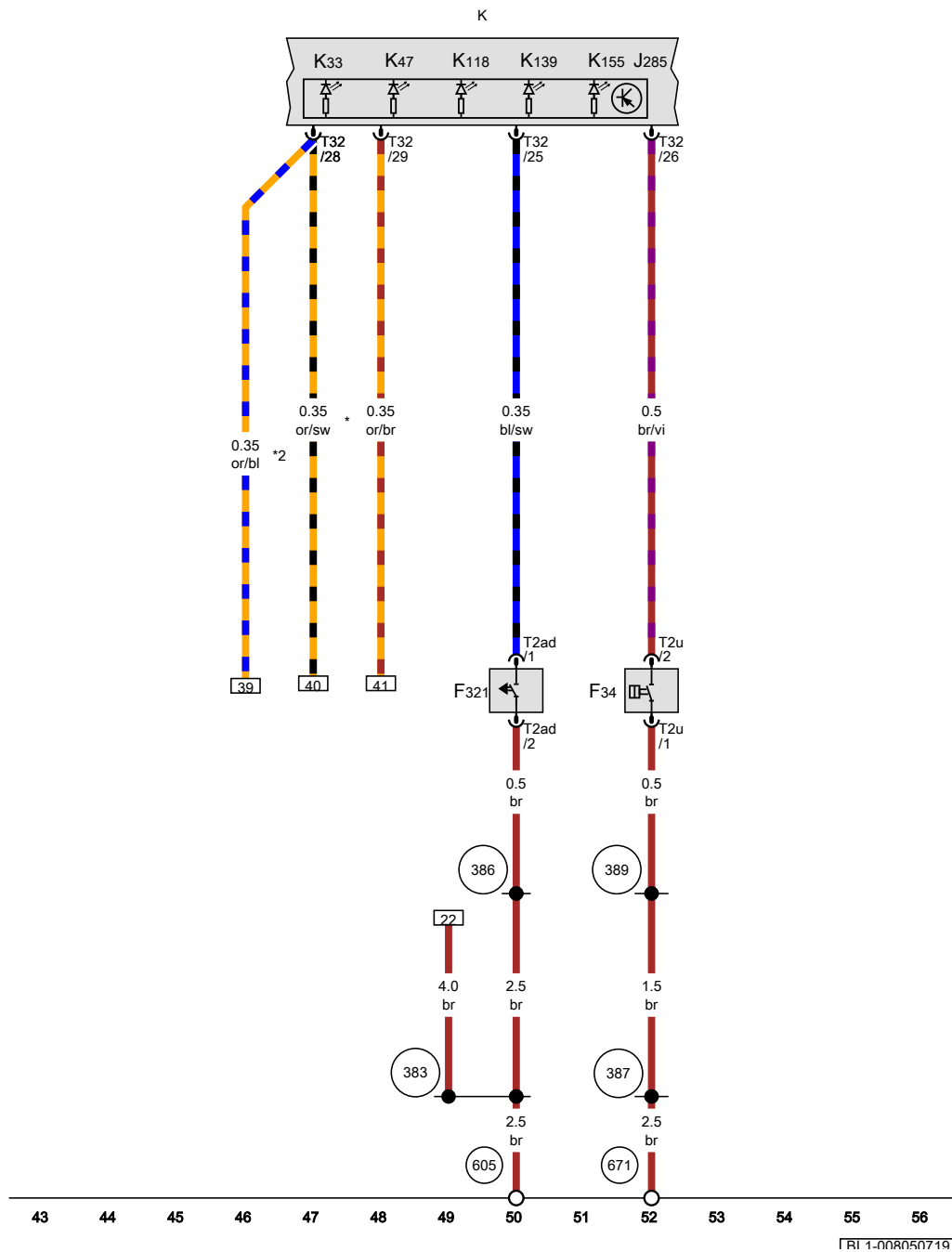
Brake fluid level warning contact, Parking brake contact switch, Control unit in dash panel insert, ABS warning lamp, Brake system warning lamp, Handbrake warning lamp, Warning lamp for electronic stabilisation program and TCS

- F34 Brake fluid level warning contact
- F321 Parking brake contact switch
- J285 Control unit in dash panel insert
- K Dash panel insert
- K33 Brake fluid level warning lamp
- K47 ABS warning lamp
- K118 Brake system warning lamp
- K139 Handbrake warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- T2ad 2-pin connector
- T2u 2-pin connector
- T32 32-pin connector

- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 605 Earth point, on top end of steering column
- 671 Earth point 1, on front of left longitudinal member

- * Up to August 2016
- *2 From August 2016

- 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

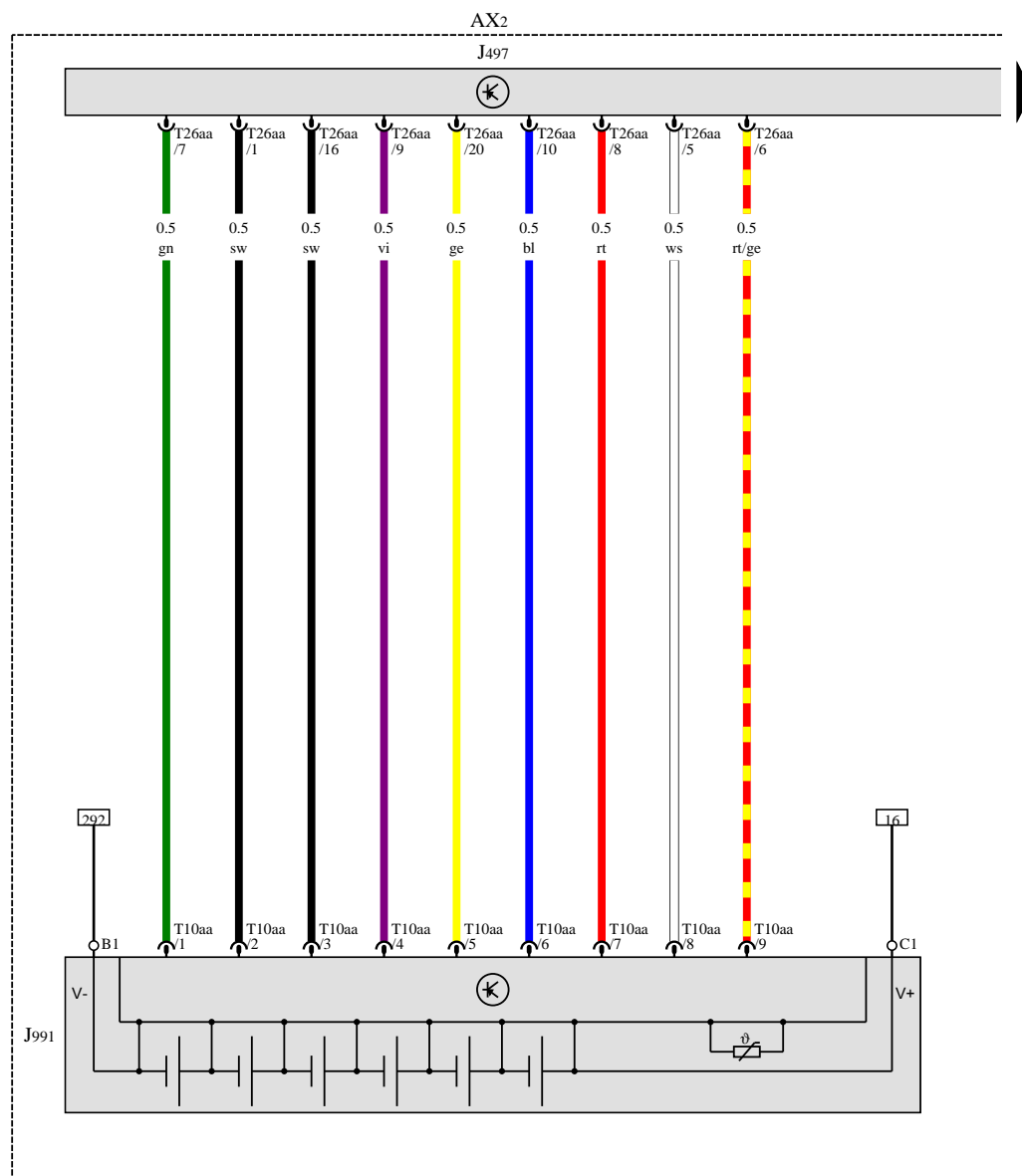


High-voltage battery system

From July 2013

High-voltage battery 1, Module monitor control unit for batteries, Battery module 1

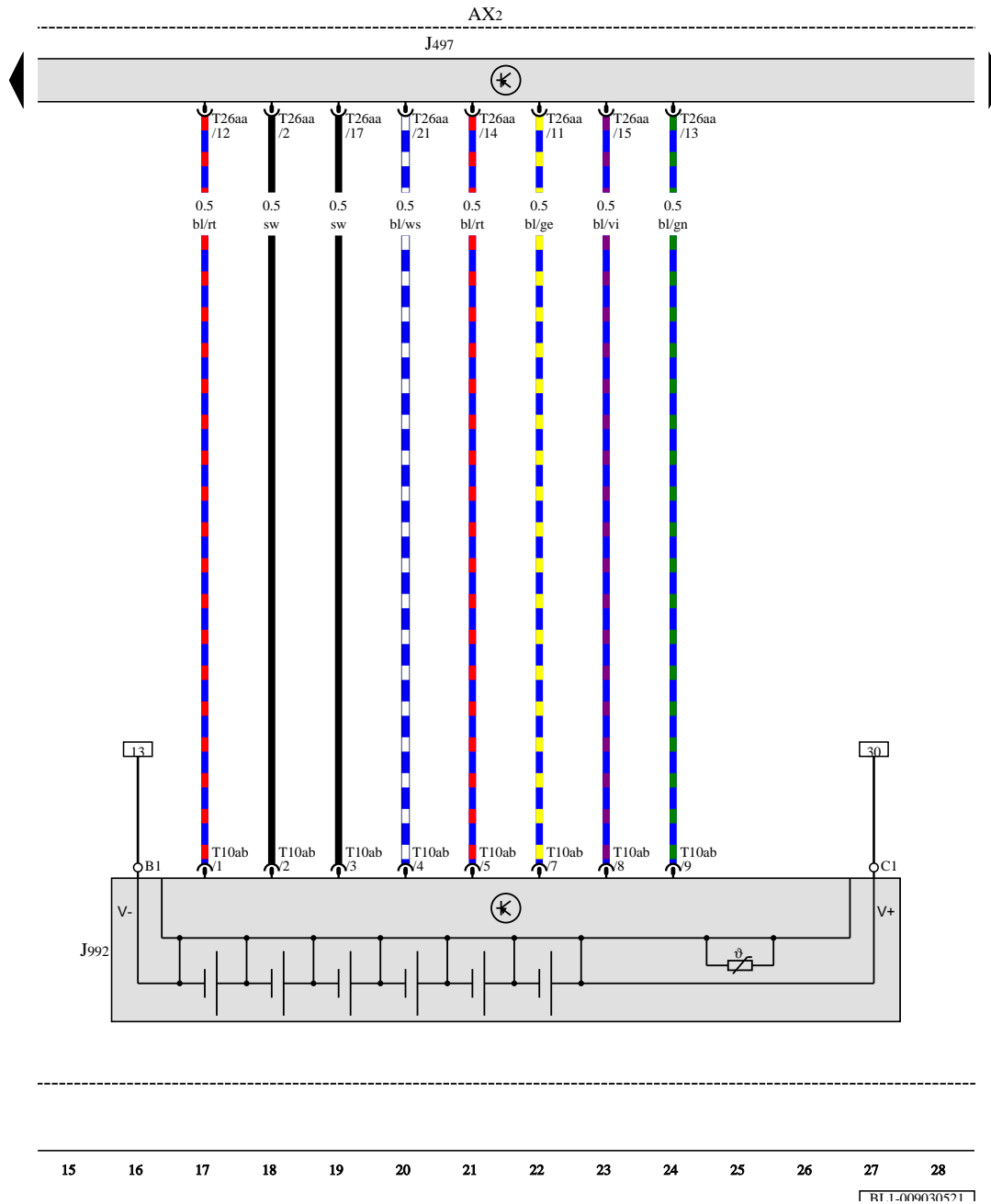
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J991 Battery module 1
T10aa 10-pin connector, black
T26aa 26-pin connector, black



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

High-voltage battery 1, Module monitor control unit for batteries, Battery module 2

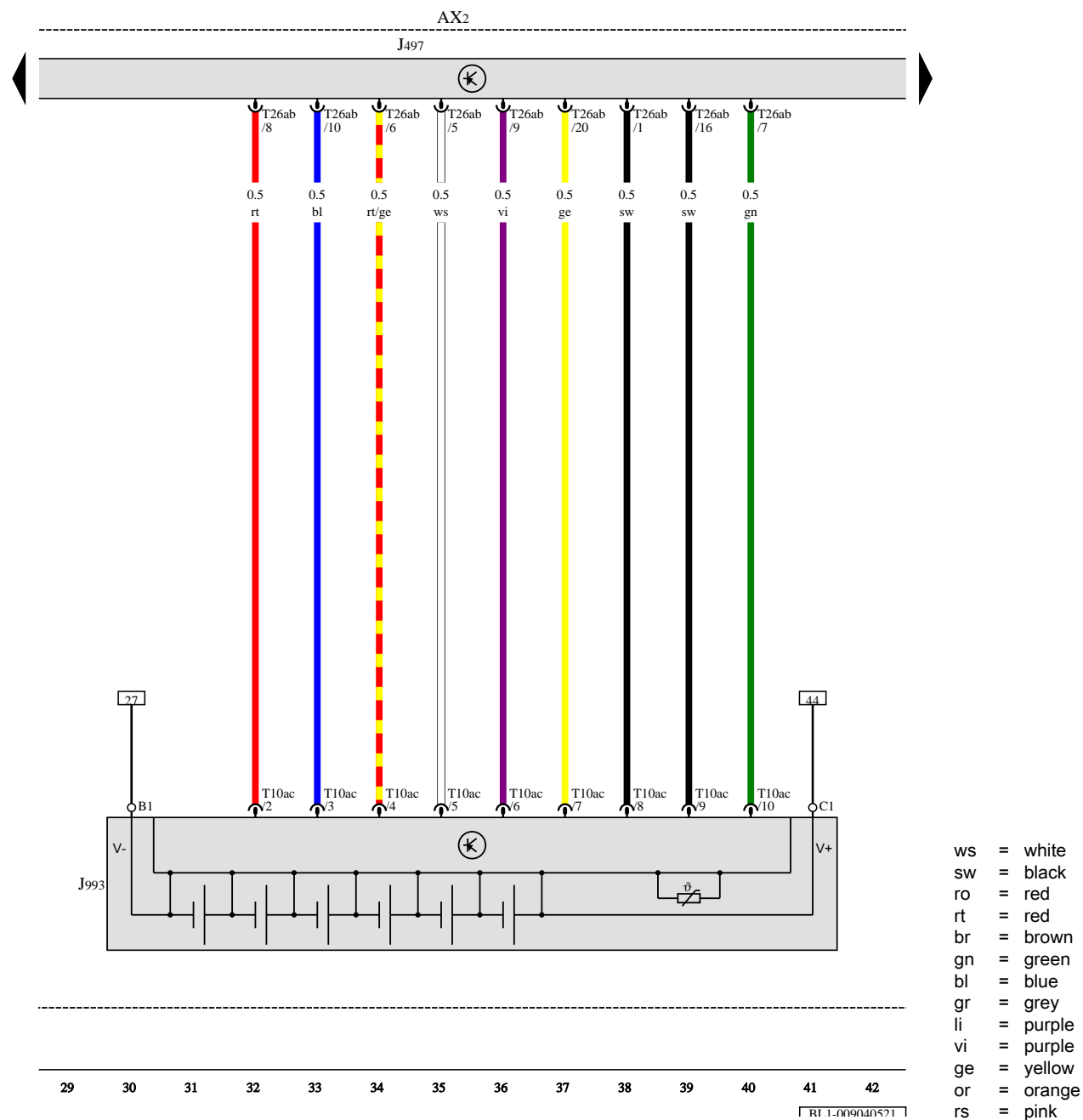
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J992 Battery module 2
T10ab 10-pin connector, black
T26aa 26-pin connector, black



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

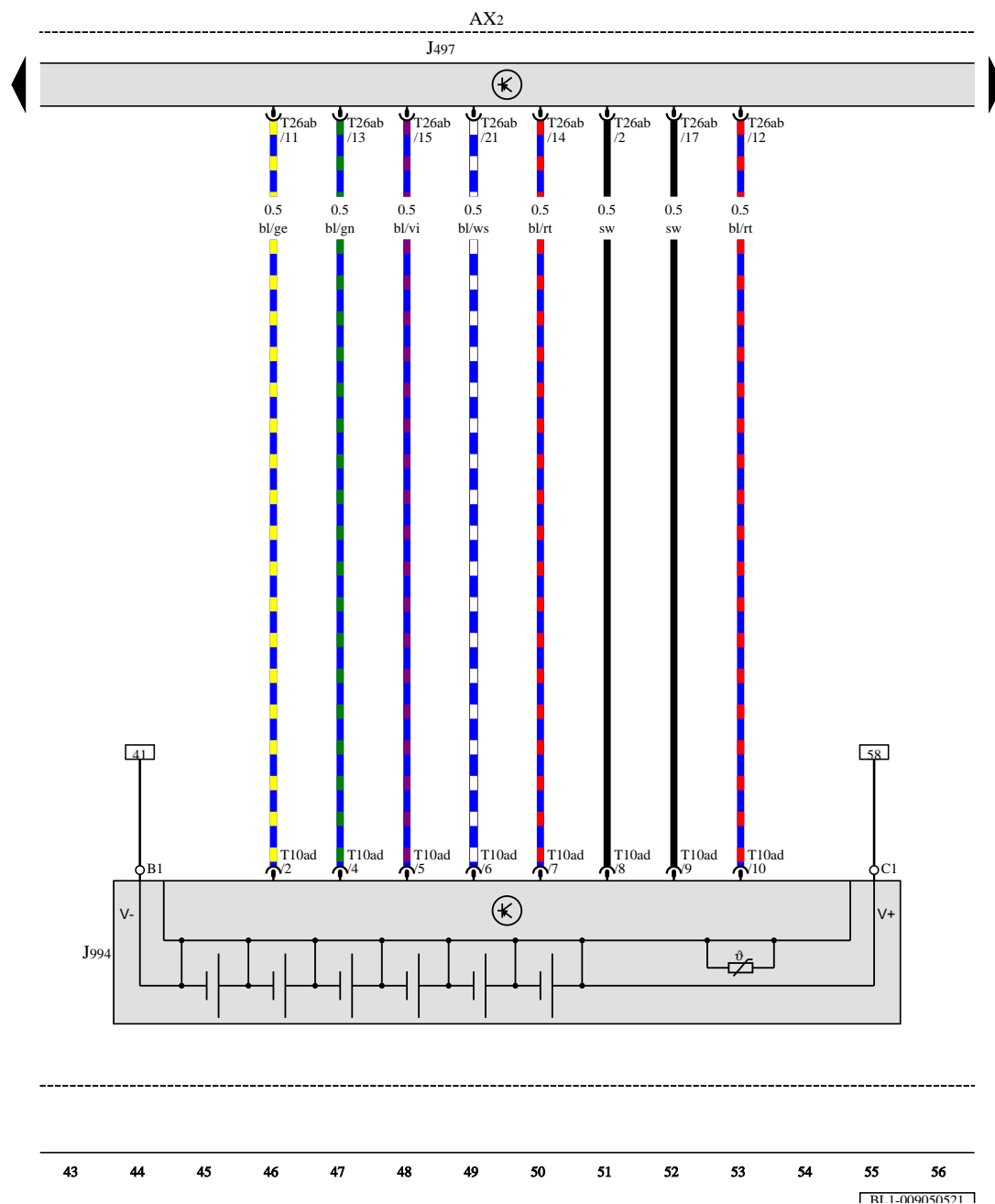
High-voltage battery 1, Module monitor control unit for batteries, Battery module 3

AX2	High-voltage battery 1
J497	Module monitor control unit for batteries
J993	Battery module 3
T10ac	10-pin connector, black
T26ab	26-pin connector, white



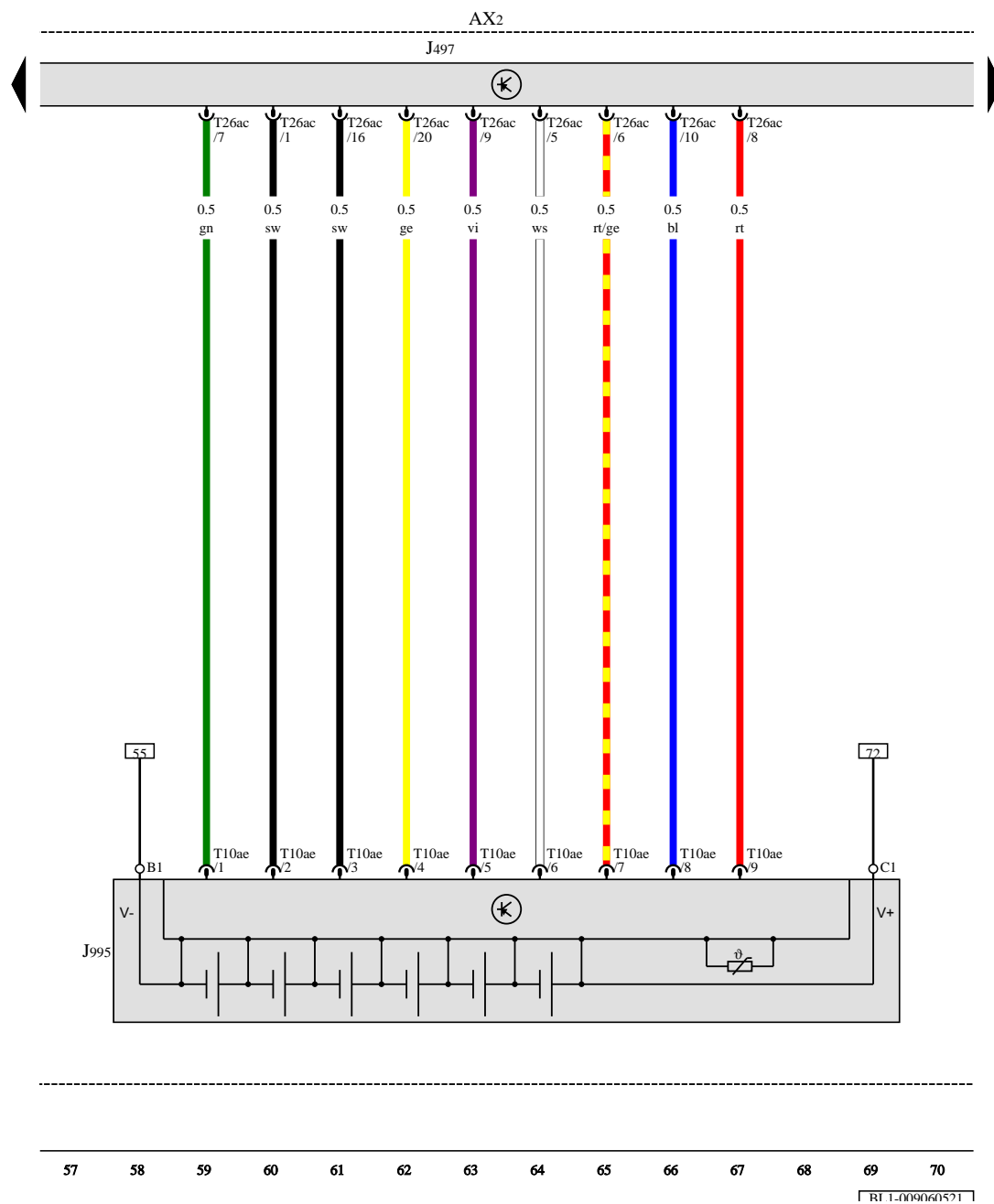
High-voltage battery 1, Module monitor control unit for batteries, Battery module 4

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J994 Battery module 4
T10ad 10-pin connector, black
T26ab 26-pin connector, white



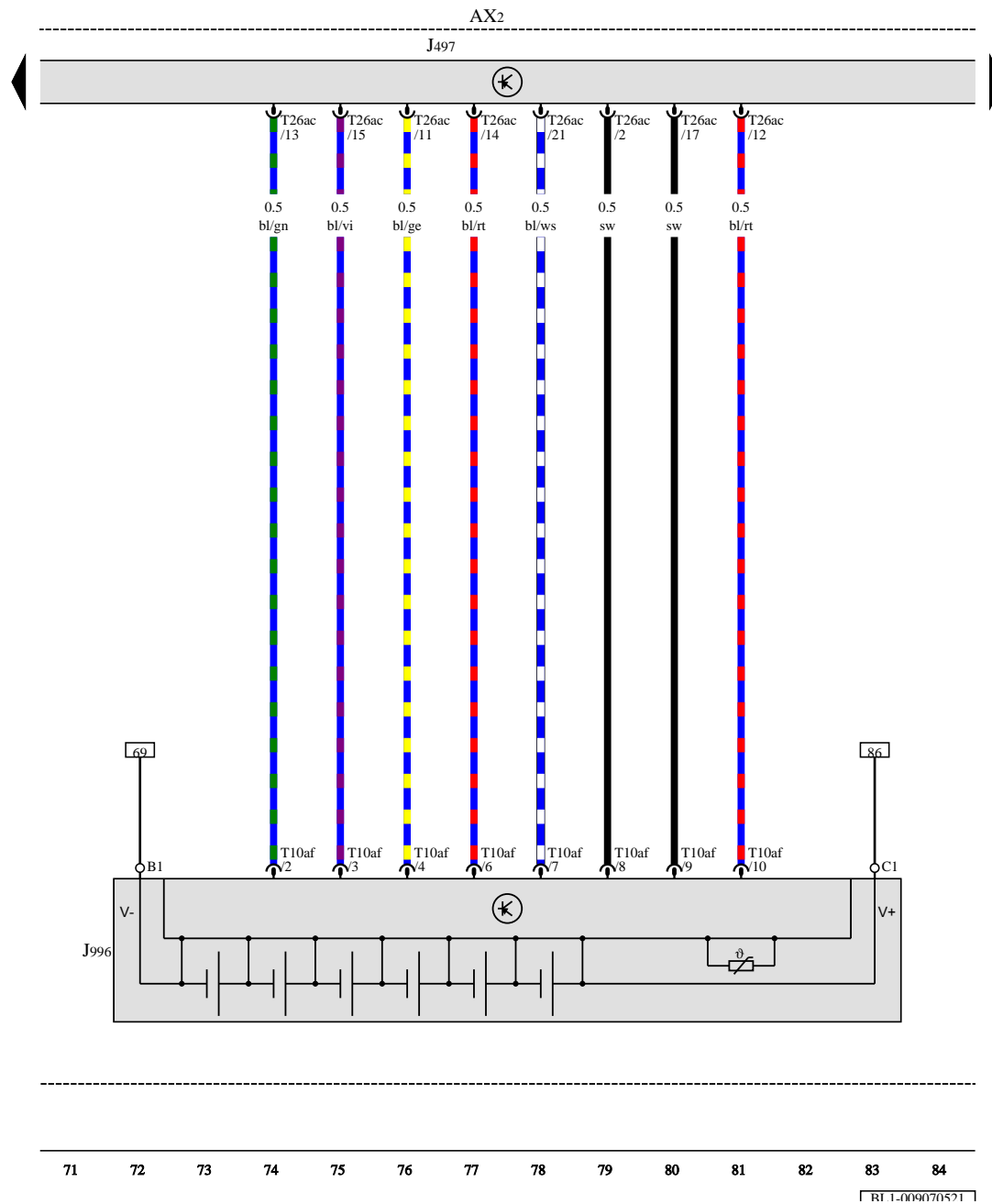
High-voltage battery 1, Module monitor control unit for batteries, Battery module 5

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J995 Battery module 5
T10ae 10-pin connector, black
T26ac 26-pin connector, blue



High-voltage battery 1, Module monitor control unit for batteries, Battery module 6

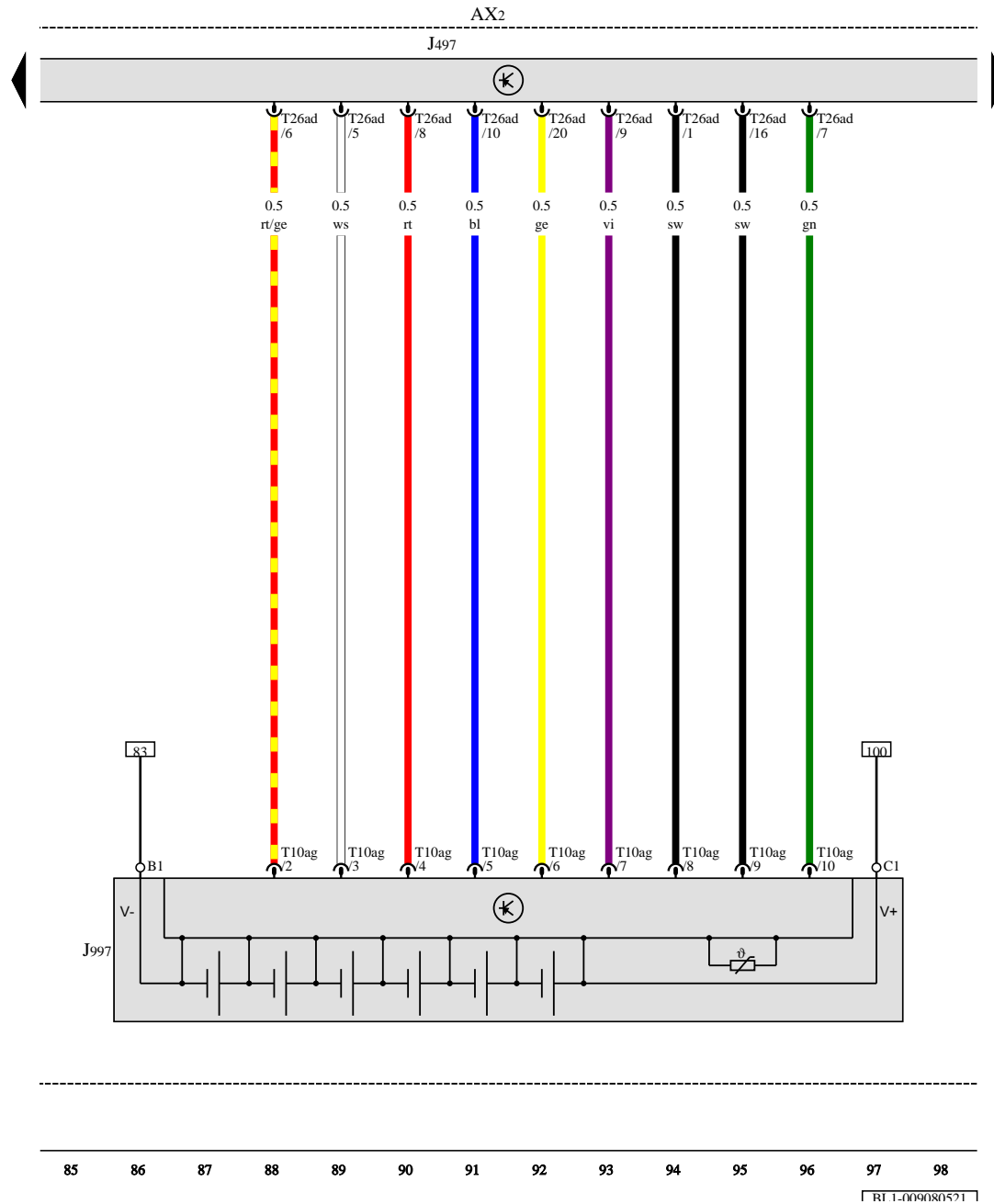
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J996 Battery module 6
T10af 10-pin connector, black
T26ac 26-pin connector, blue



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-voltage battery 1, Module monitor control unit for batteries, Battery module 7

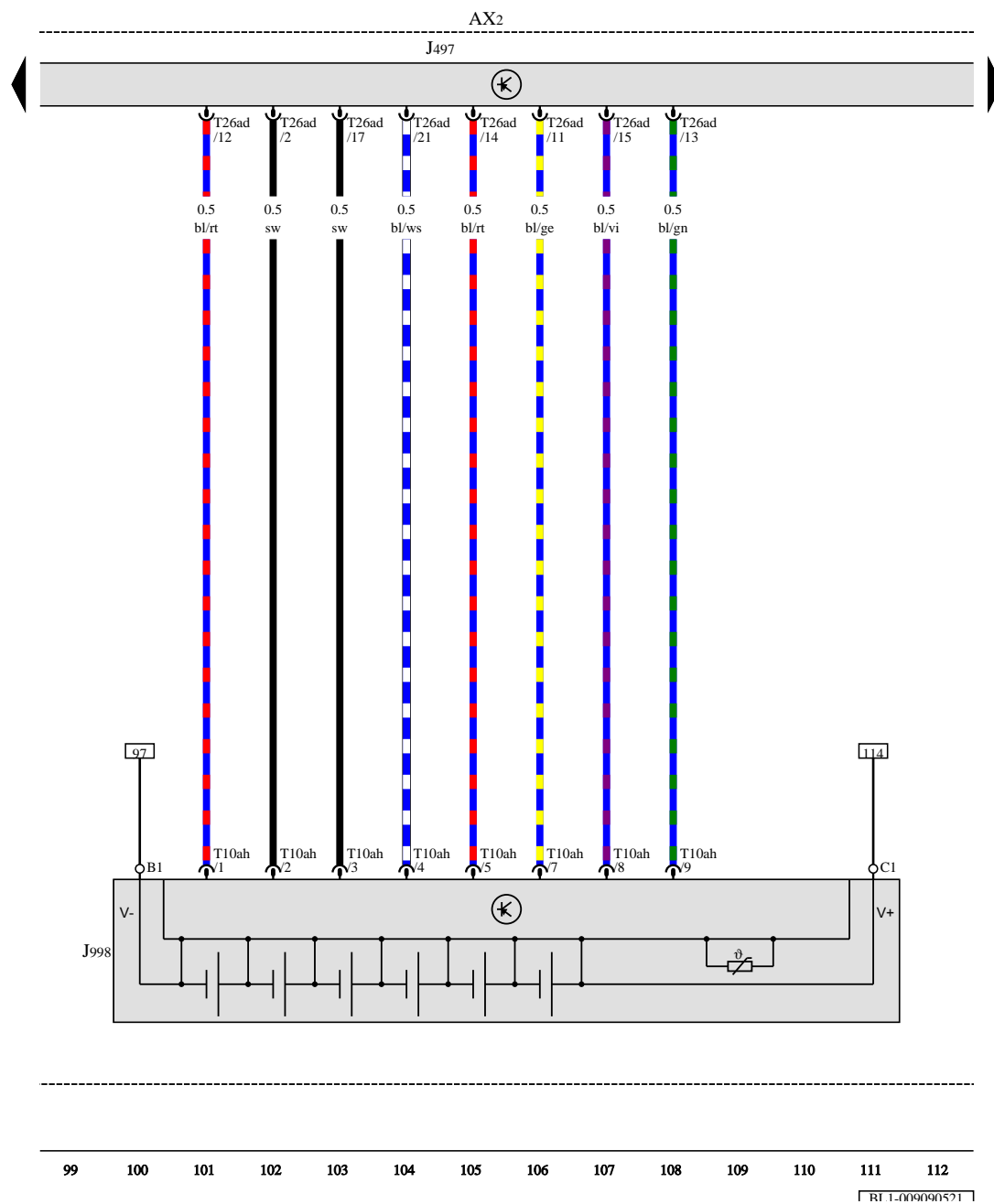
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J997 Battery module 7
T10ag 10-pin connector, black
T26ad 26-pin connector, purple



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-voltage battery 1, Module monitor control unit for batteries, Battery module 8

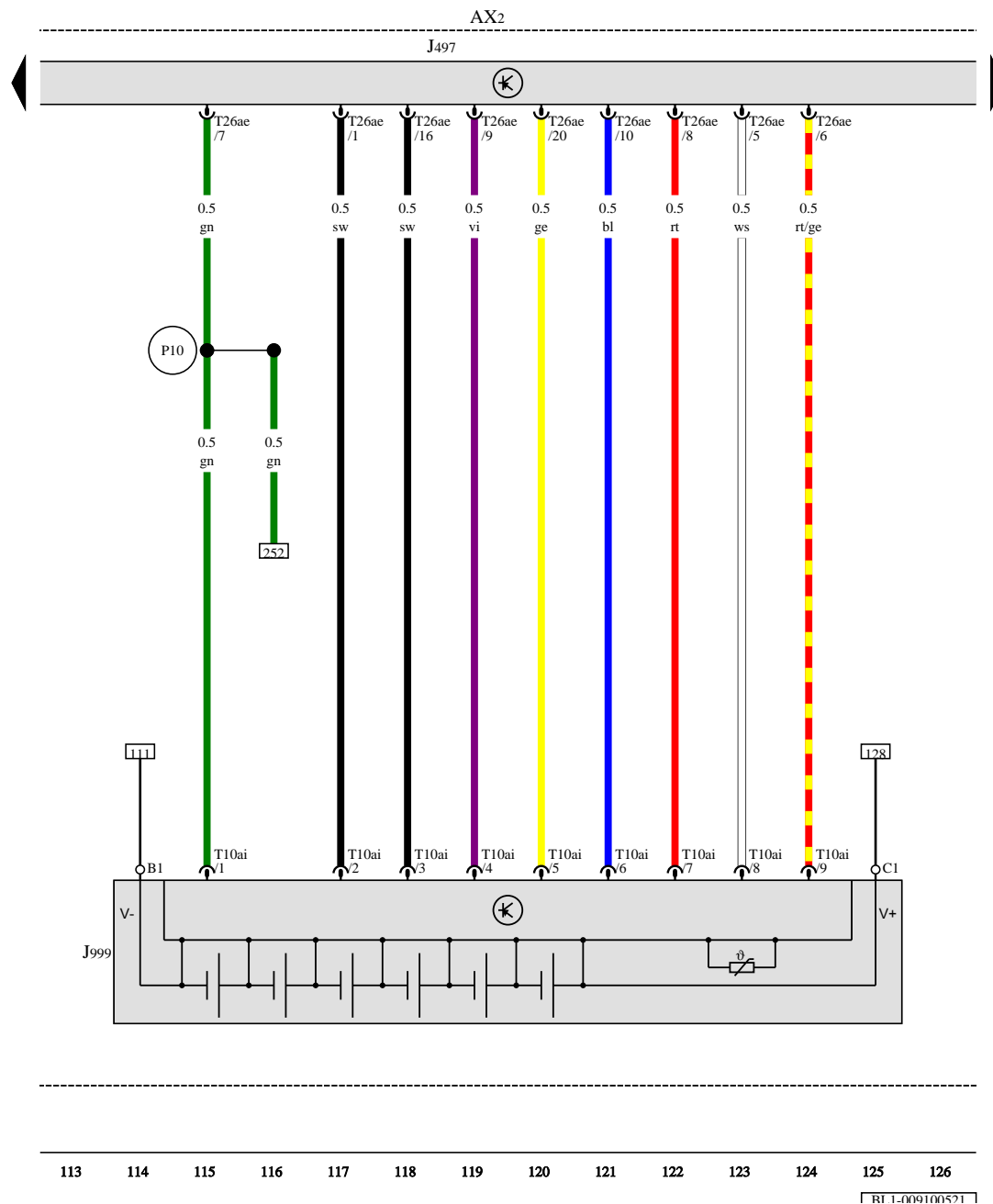
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J998 Battery module 8
T10ah 10-pin connector, black
T26ad 26-pin connector, purple



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

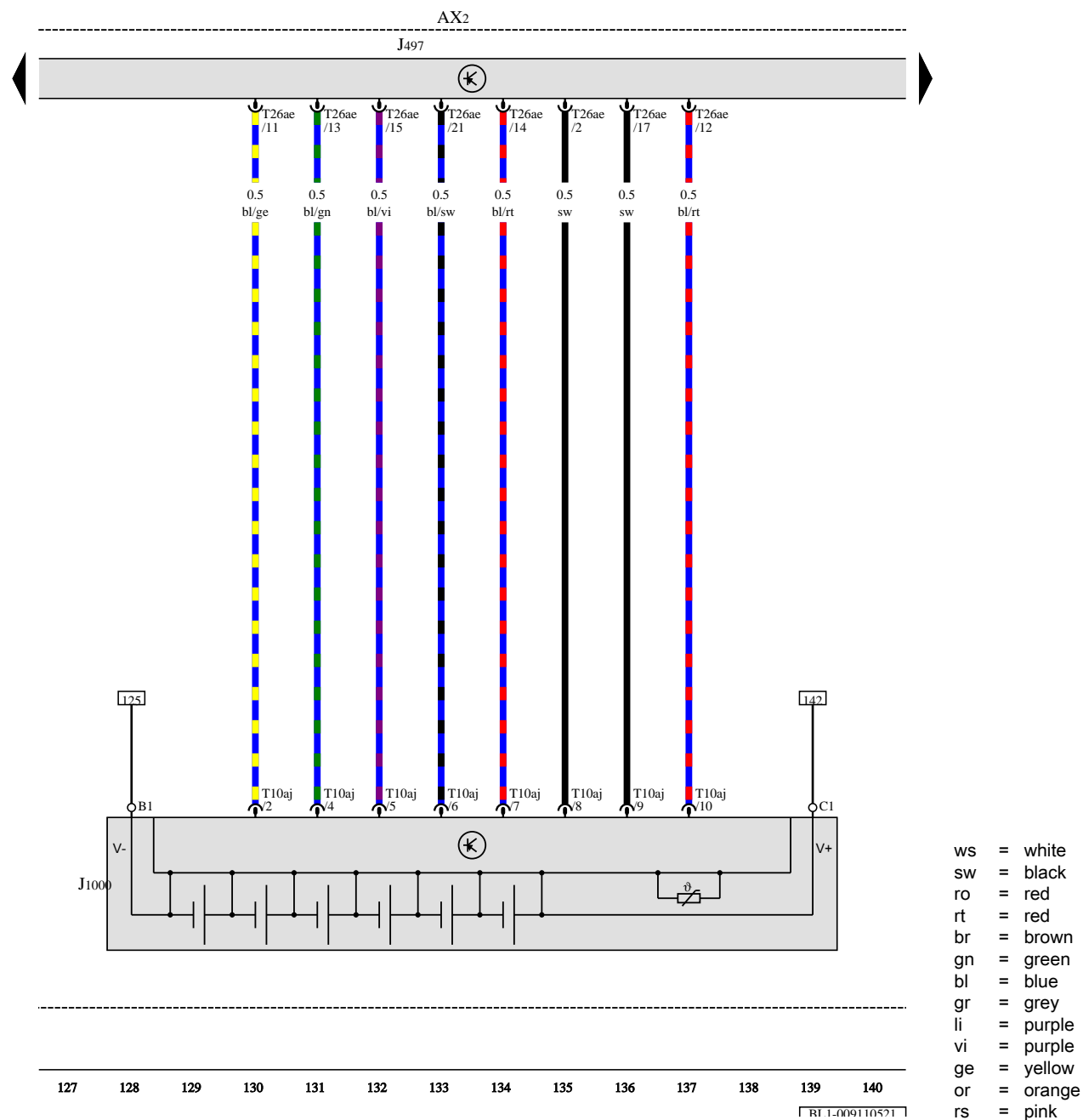
High-voltage battery 1, Module monitor control unit for batteries, Battery module 9

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J999 Battery module 9
 T10ai 10-pin connector, black
 T26ae 26-pin connector, green
 P10 Connection 4, in high-voltage battery wiring harness



High-voltage battery 1, Module monitor control unit for batteries, Battery module 10

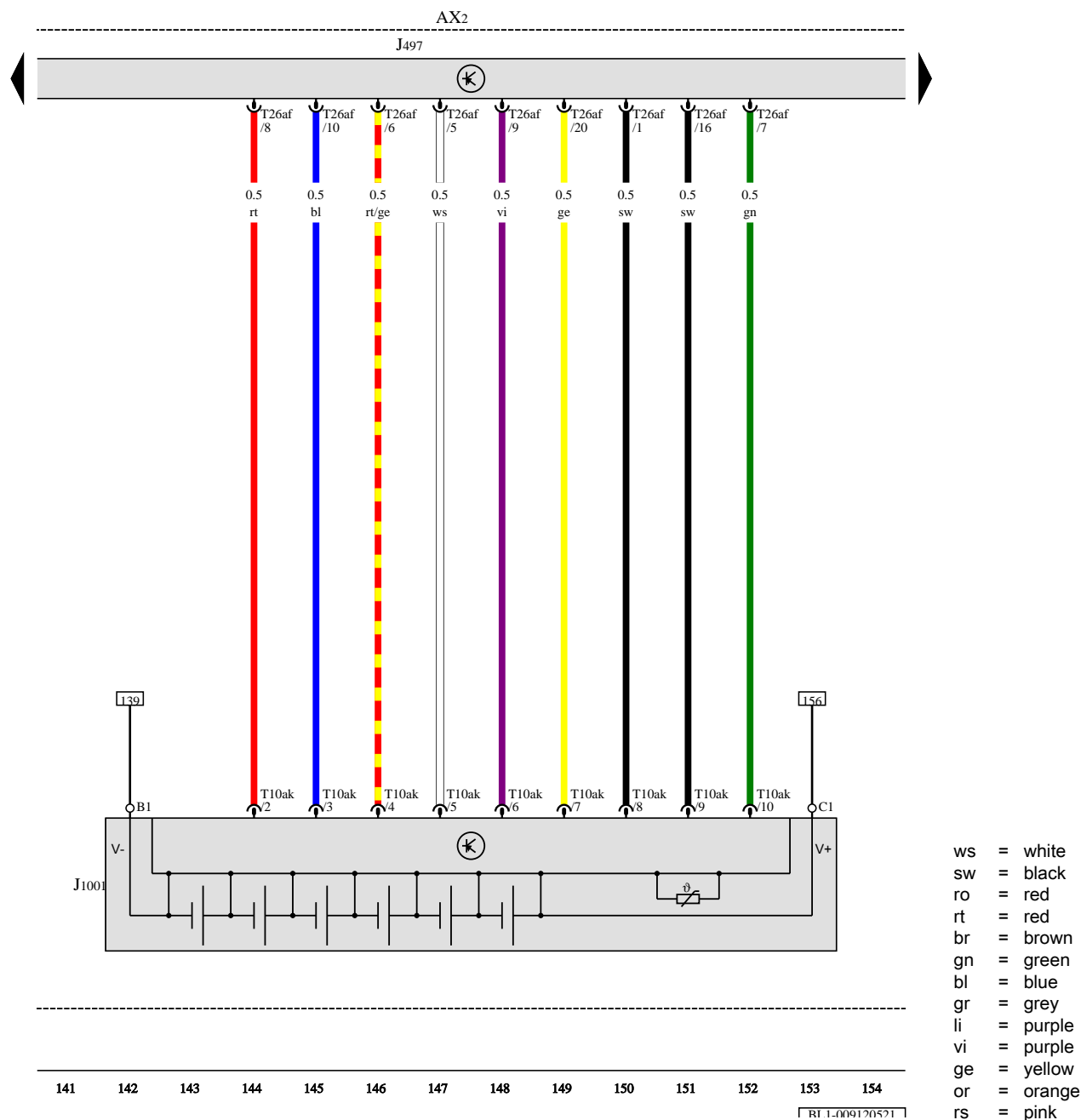
AX2	High-voltage battery 1
J497	Module monitor control unit for batteries
J1000	Battery module 10
T10aj	10-pin connector, black
T26ae	26-pin connector, green



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

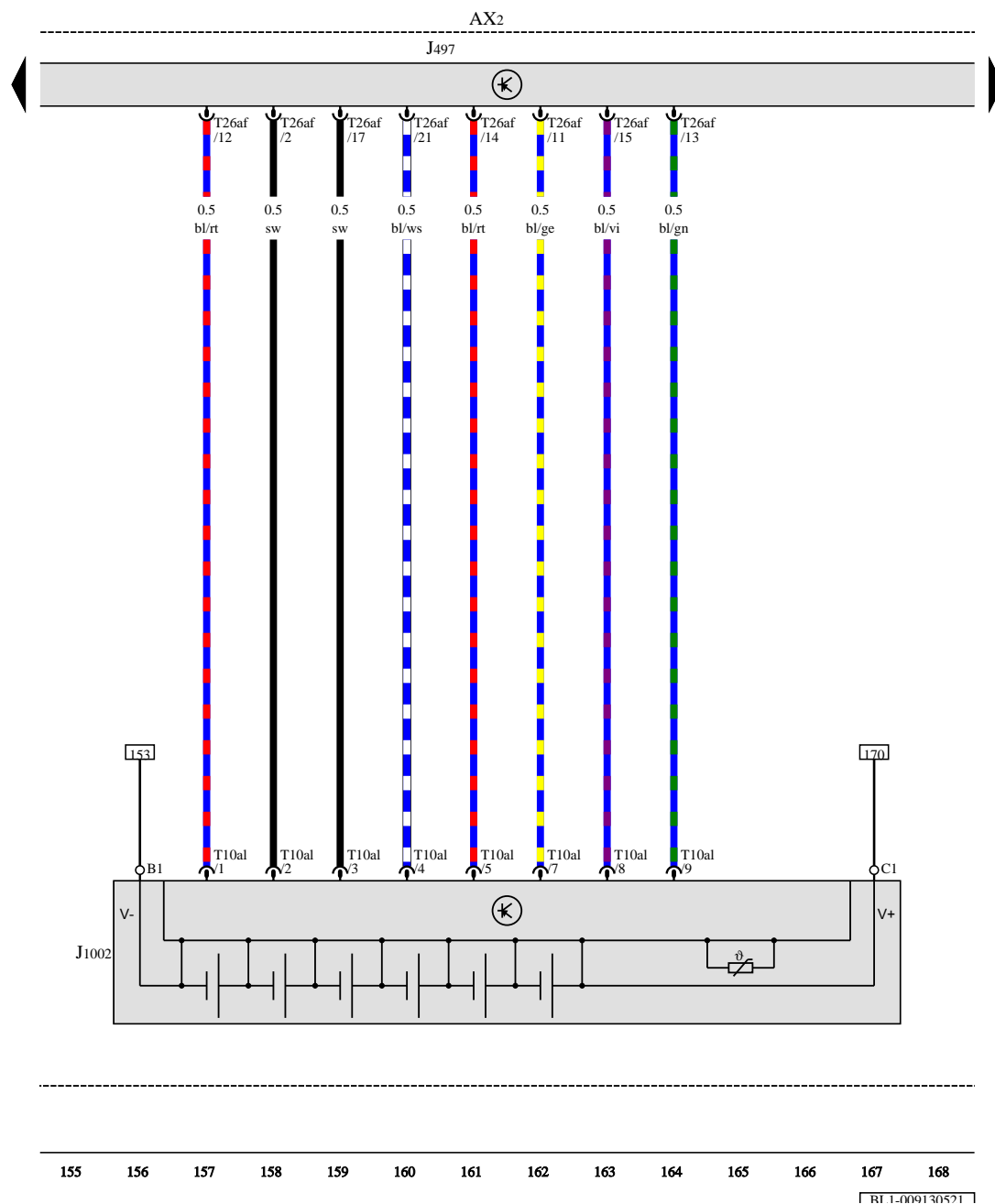
High-voltage battery 1, Module monitor control unit for batteries, Battery module 11

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1001 Battery module 11
T10ak 10-pin connector, black
T26af 26-pin connector, brown



High-voltage battery 1, Module monitor control unit for batteries, Battery module 12

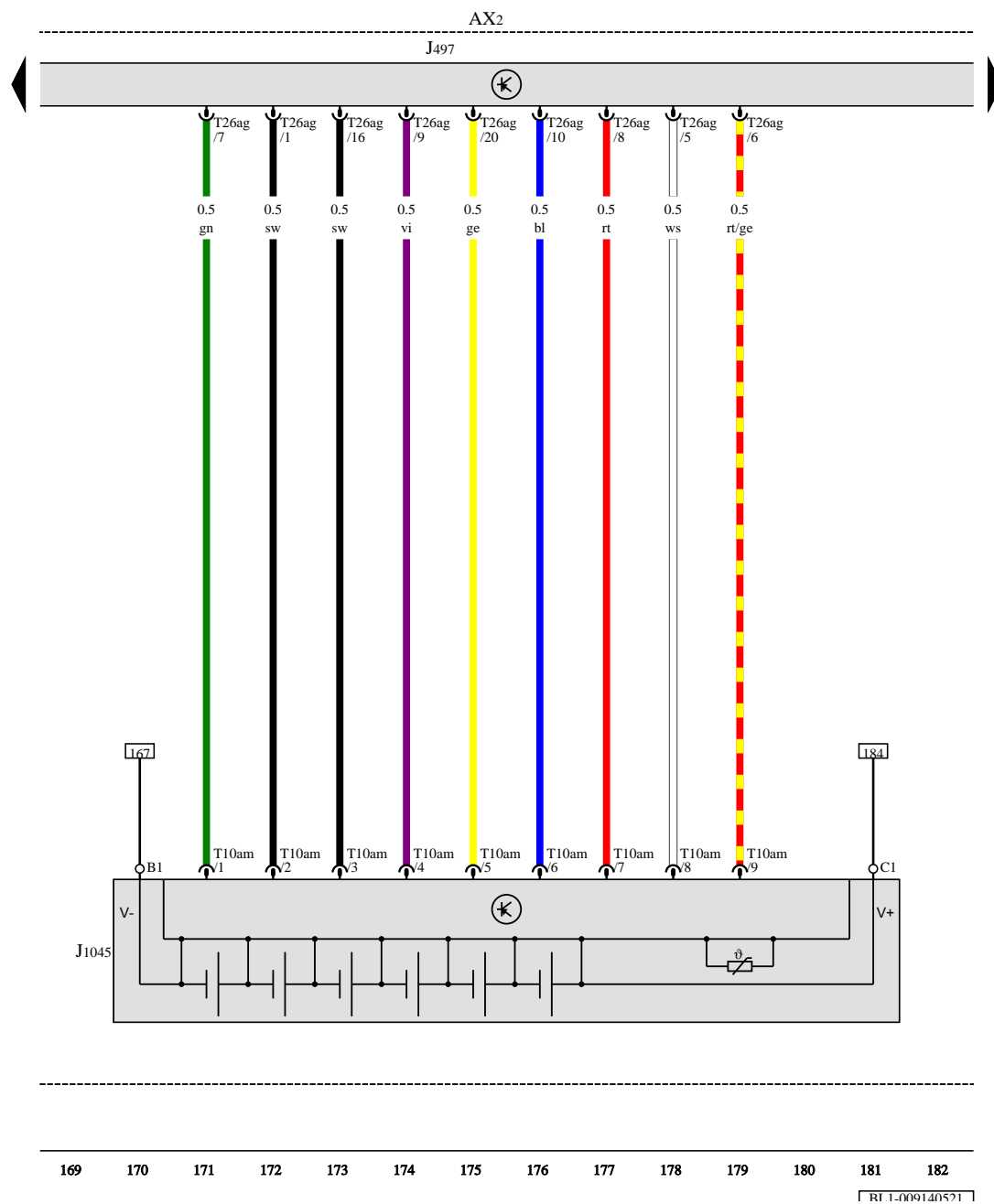
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1002 Battery module 12
T10al 10-pin connector, black
T26af 26-pin connector, brown



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

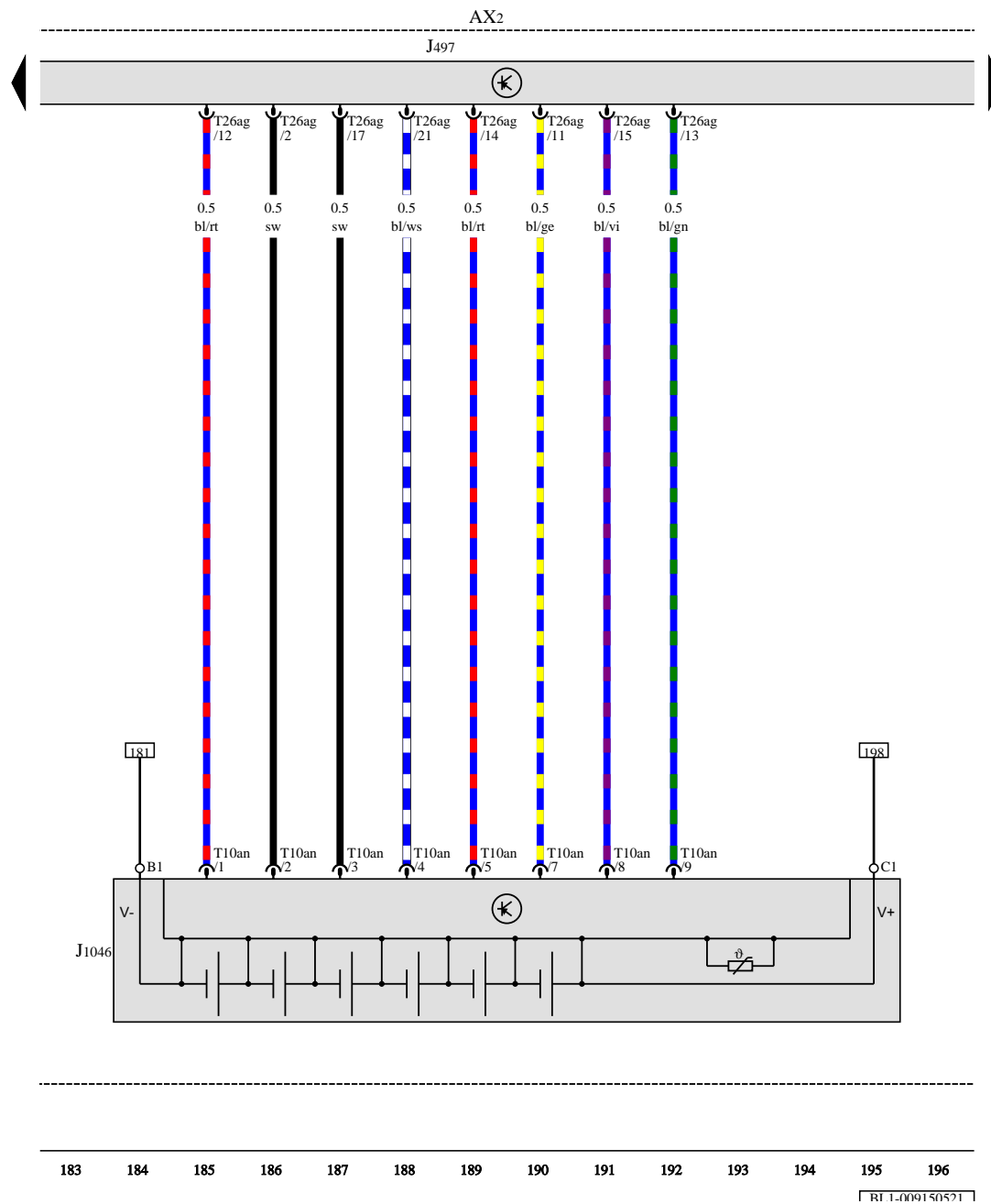
High-voltage battery 1, Module monitor control unit for batteries, Battery module 13

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1045 Battery module 13
T10am 10-pin connector, black
T26ag 26-pin connector, grey



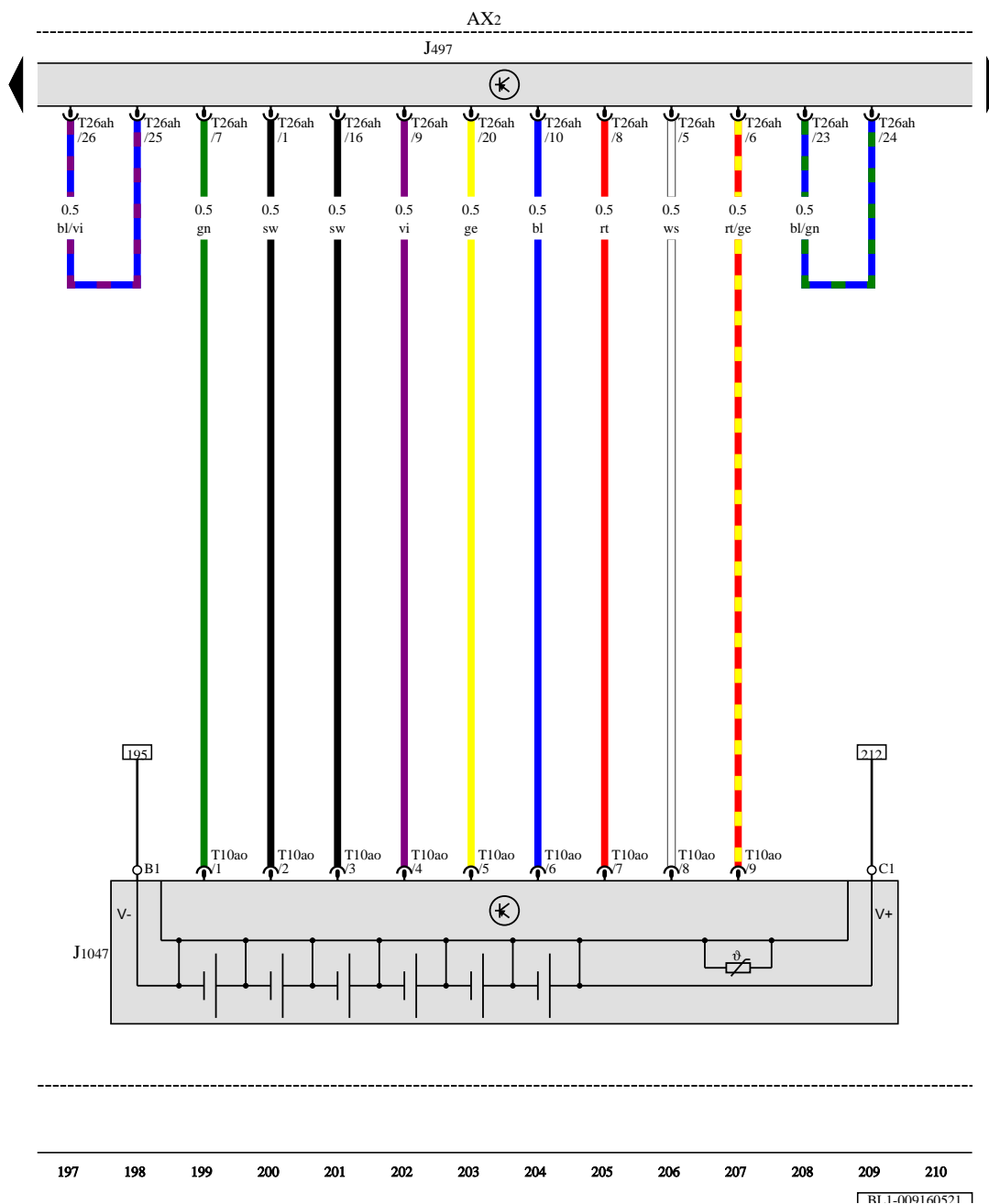
High-voltage battery 1, Module monitor control unit for batteries, Battery module 14

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1046 Battery module 14
T10an 10-pin connector, black
T26ag 26-pin connector, grey



High-voltage battery 1, Module monitor control unit for batteries, Battery module 15

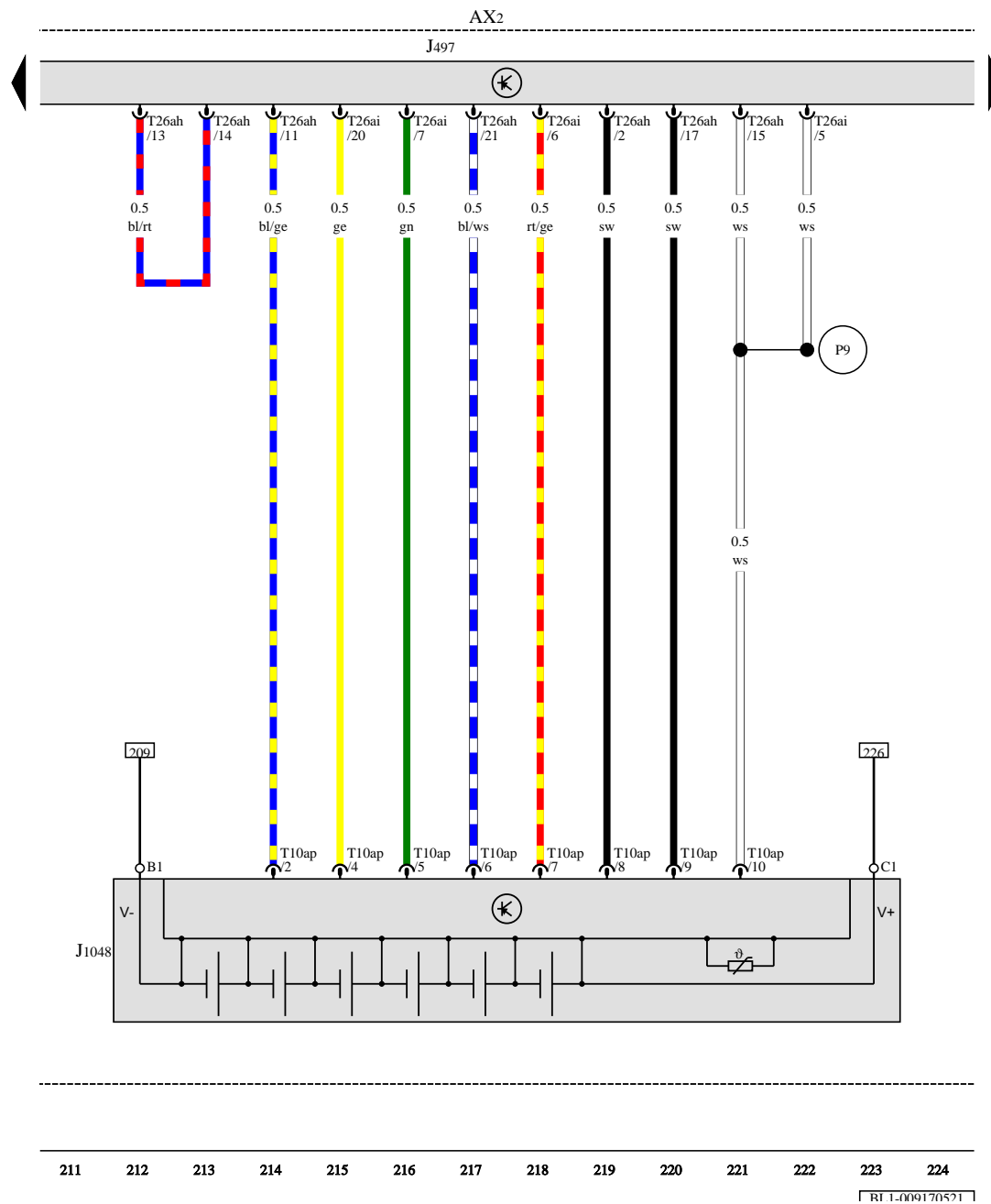
AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1047 Battery module 15
T10ao 10-pin connector, black
T26ah 26-pin connector, pink



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

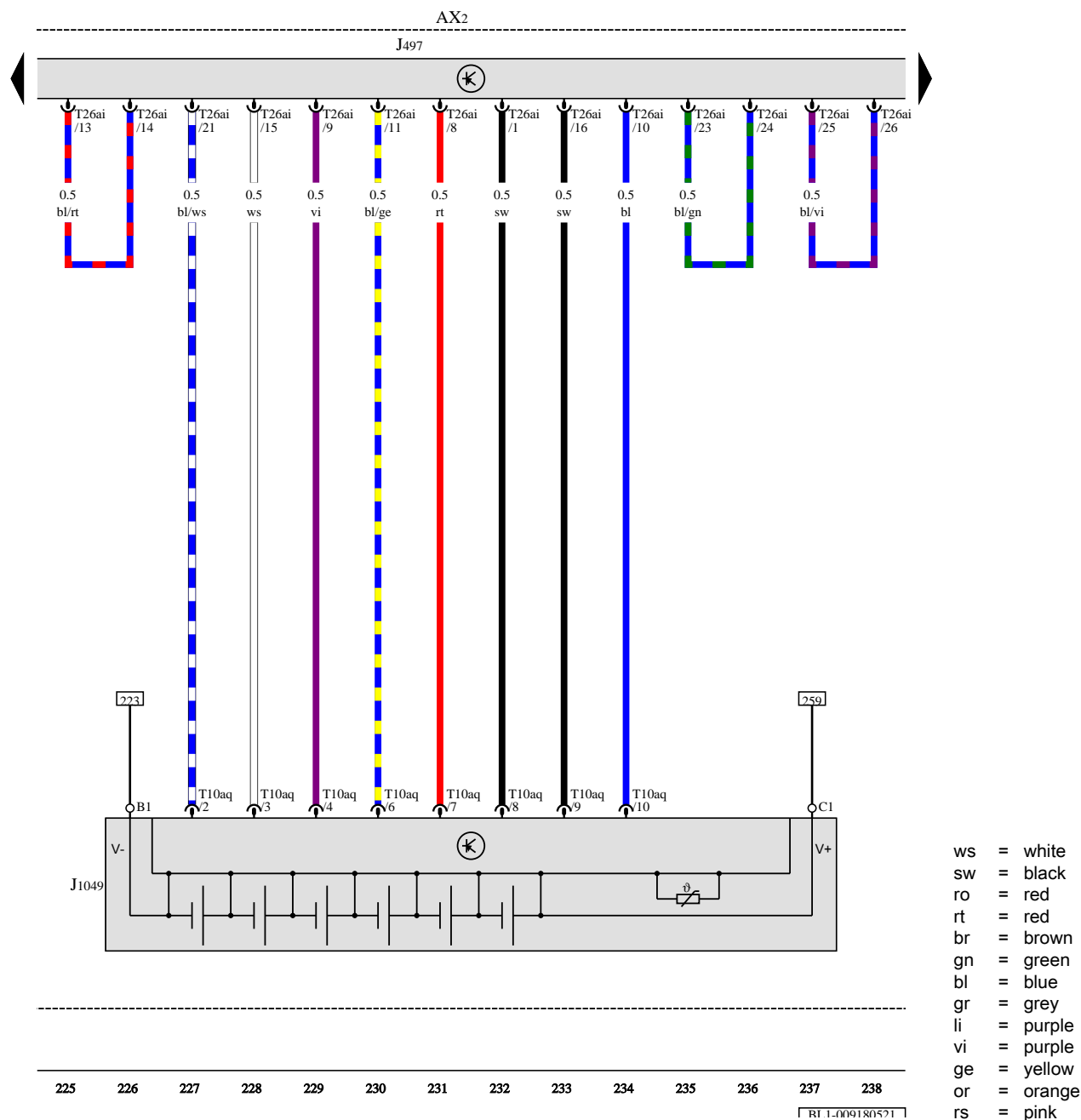
High-voltage battery 1, Module monitor control unit for batteries, Battery module 16

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1048 Battery module 16
 T10ap 10-pin connector, black
 T26ah 26-pin connector, pink
 T26ai 26-pin connector, colourless
 P9 Connection 3, in high-voltage battery wiring harness



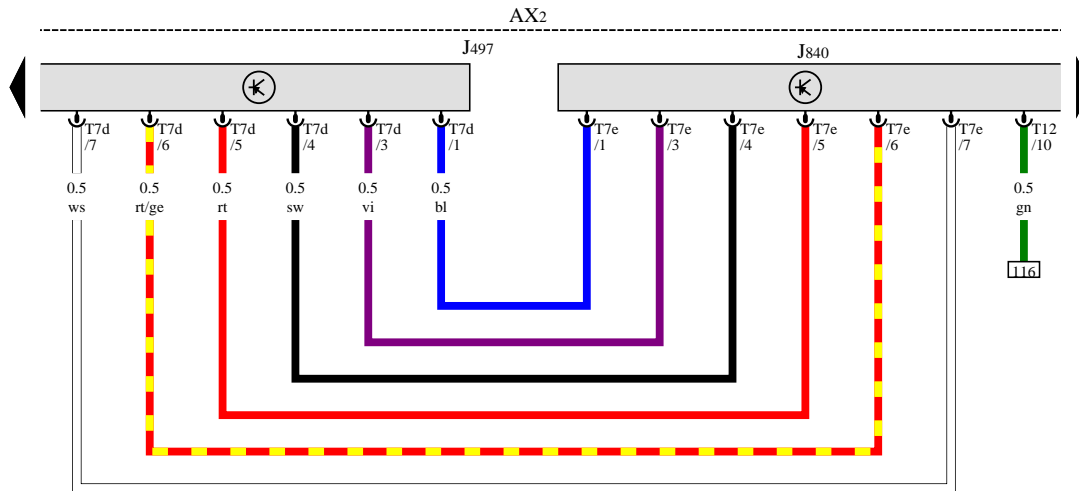
High-voltage battery 1, Module monitor control unit for batteries, Battery module 17

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1049 Battery module 17
T10aq 10-pin connector, black
T26ai 26-pin connector, colourless

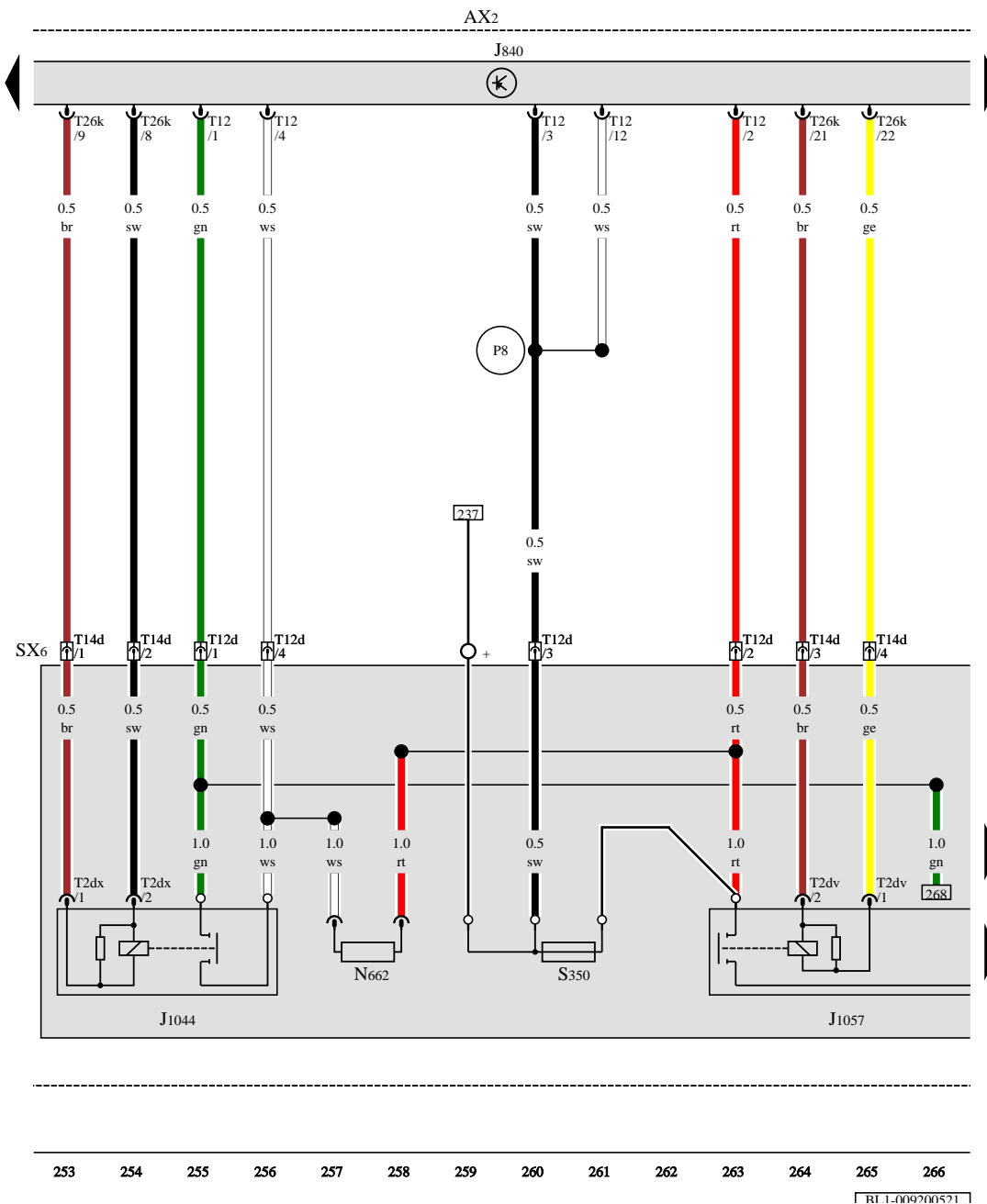


High-voltage battery 1, Module monitor control unit for batteries, Battery regulation control unit

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J840 Battery regulation control unit
- T7d 7-pin connector, black
- T7e 7-pin connector, black
- T12 12-pin connector, black



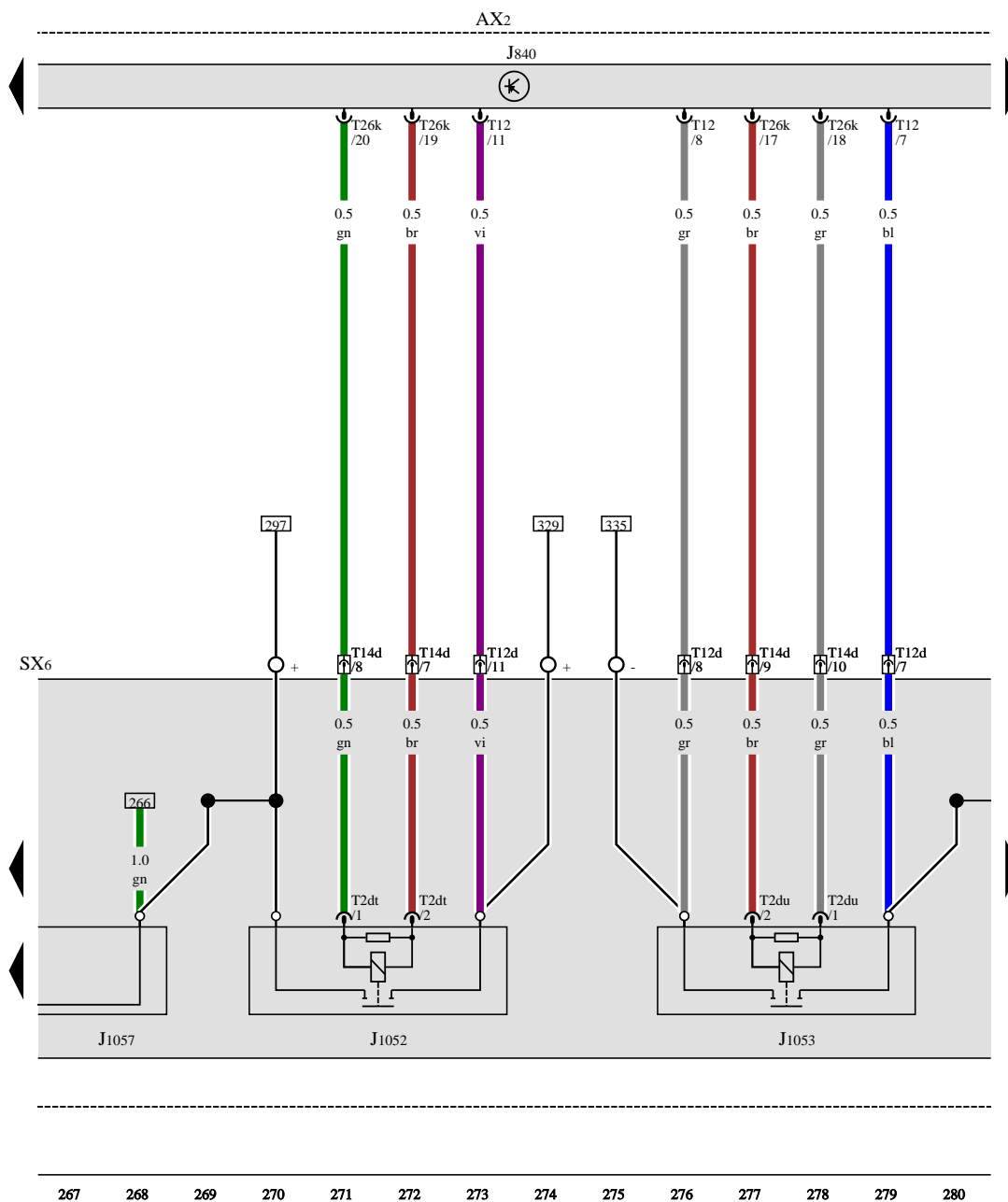
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



High-voltage battery 1, Battery regulation control unit, Precharge contactor for high-voltage battery, High-voltage battery power contactor 1, Protection resistor for high-voltage battery, Switching unit for high-voltage battery, High-voltage system fuse 1

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- J1044 Precharge contactor for high-voltage battery
- J1057 High-voltage battery power contactor 1
- N662 Protection resistor for high-voltage battery
- SX6 Switching unit for high-voltage battery
- S350 High-voltage system fuse 1
- T2dv 2-pin connector, black
- T2dx 2-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26k 26-pin connector, black
- P8 Connection 2, in high-voltage battery 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

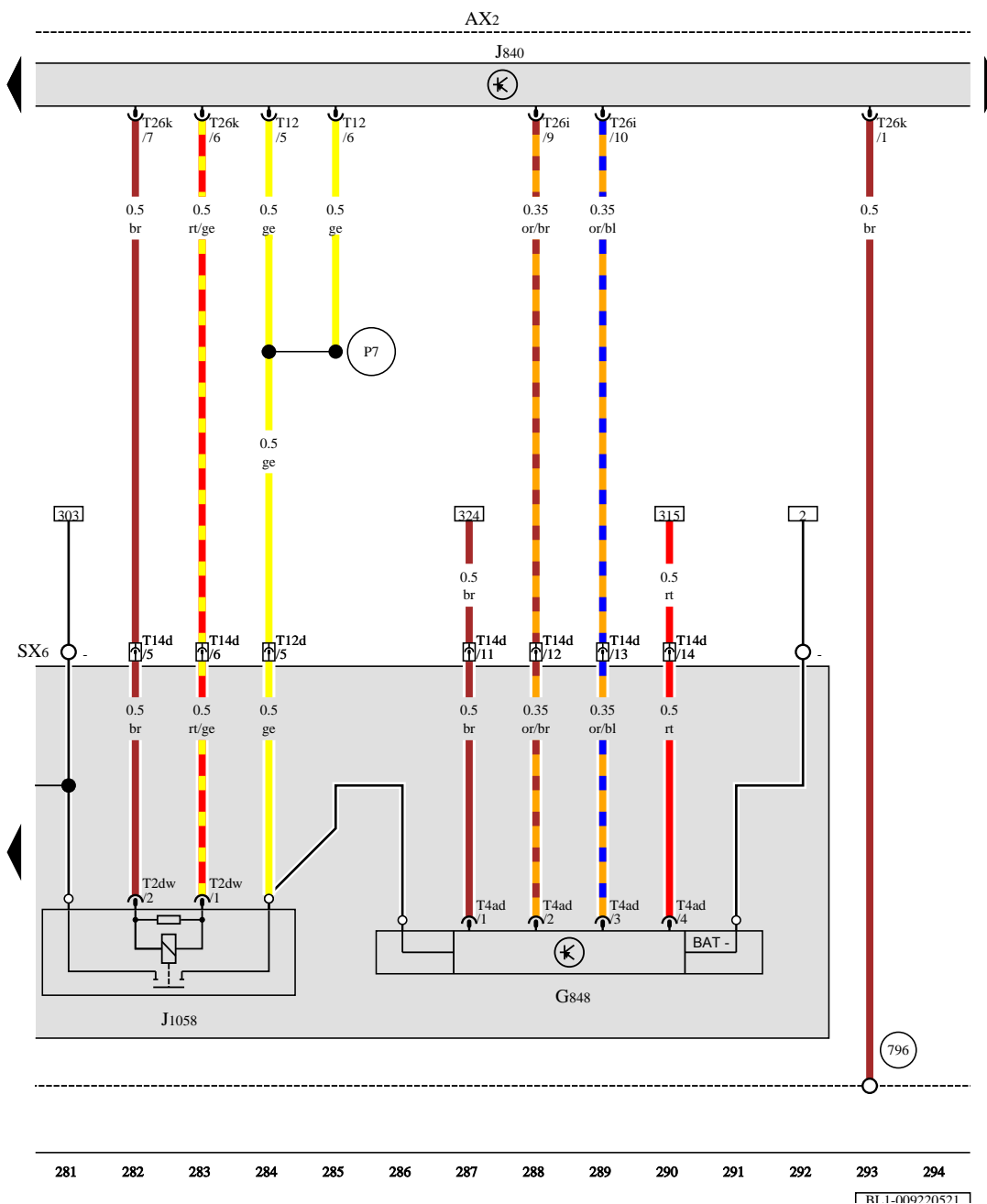


High-voltage battery 1, Battery regulation control unit, DC charge contactor 1, DC charge contactor 2, High-voltage battery power contactor 1, Switching unit for high-voltage battery

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- J1052 DC charge contactor 1
- J1053 DC charge contactor 2
- J1057 High-voltage battery power contactor 1
- SX6 Switching unit for high-voltage battery
- T2dt 2-pin connector, black
- T2du 2-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26k 26-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

RI 1-009210521



High-voltage battery 1, Current sensor for high-voltage battery, Battery regulation control unit, High-voltage battery power contactor 2, Switching unit for high-voltage battery

- AX2 High-voltage battery 1
- G848 Current sensor for high-voltage battery
- J840 Battery regulation control unit
- J1058 High-voltage battery power contactor 2
- SX6 Switching unit for high-voltage battery
- T2dw 2-pin connector, black
- T4ad 4-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26i 26-pin connector, black
- T26k 26-pin connector, black
- 796 Earth point 3, in high-voltage battery
- P7 Connection 1, in high-voltage battery wiring harness

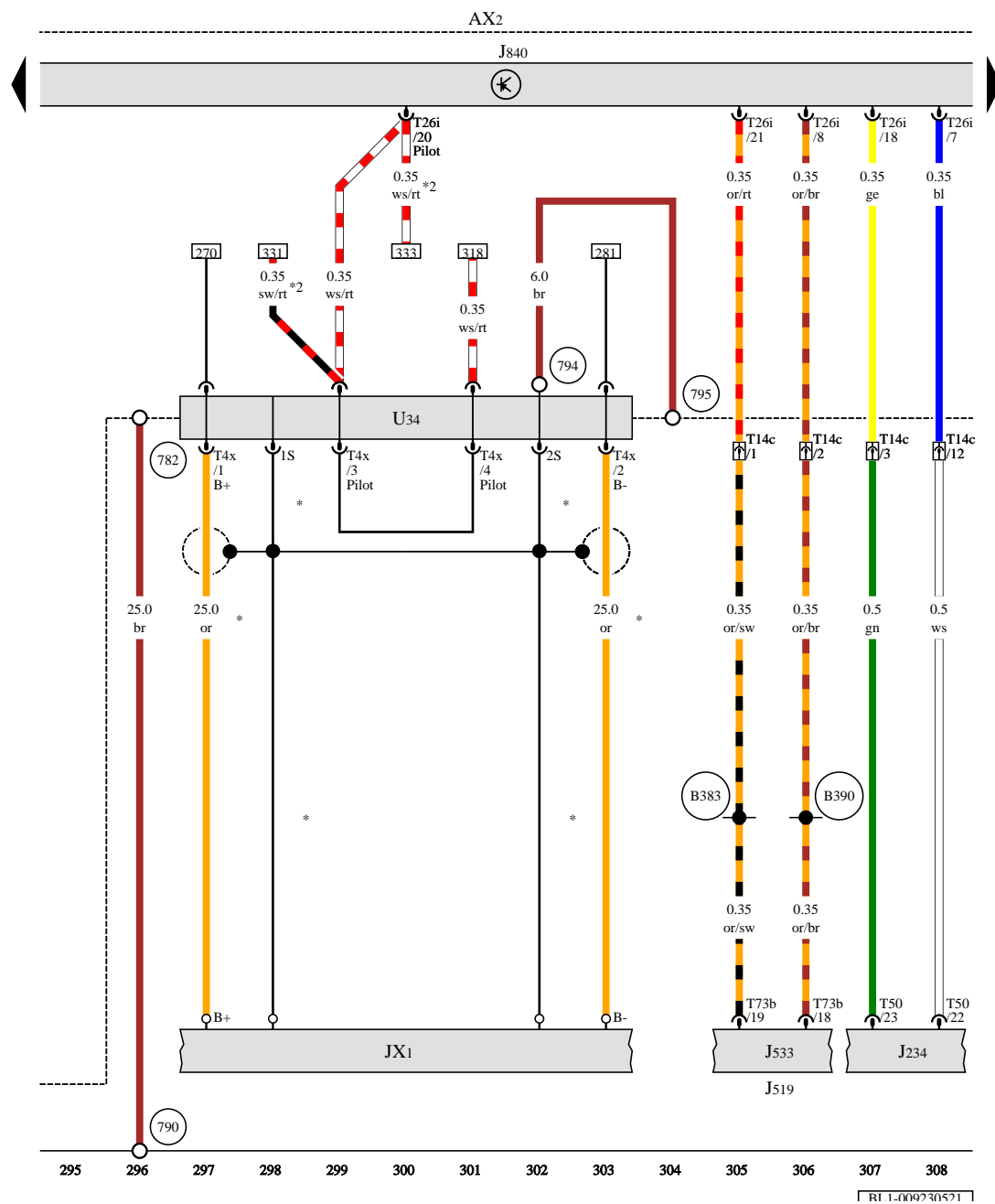
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

High-voltage battery 1, Battery regulation control unit

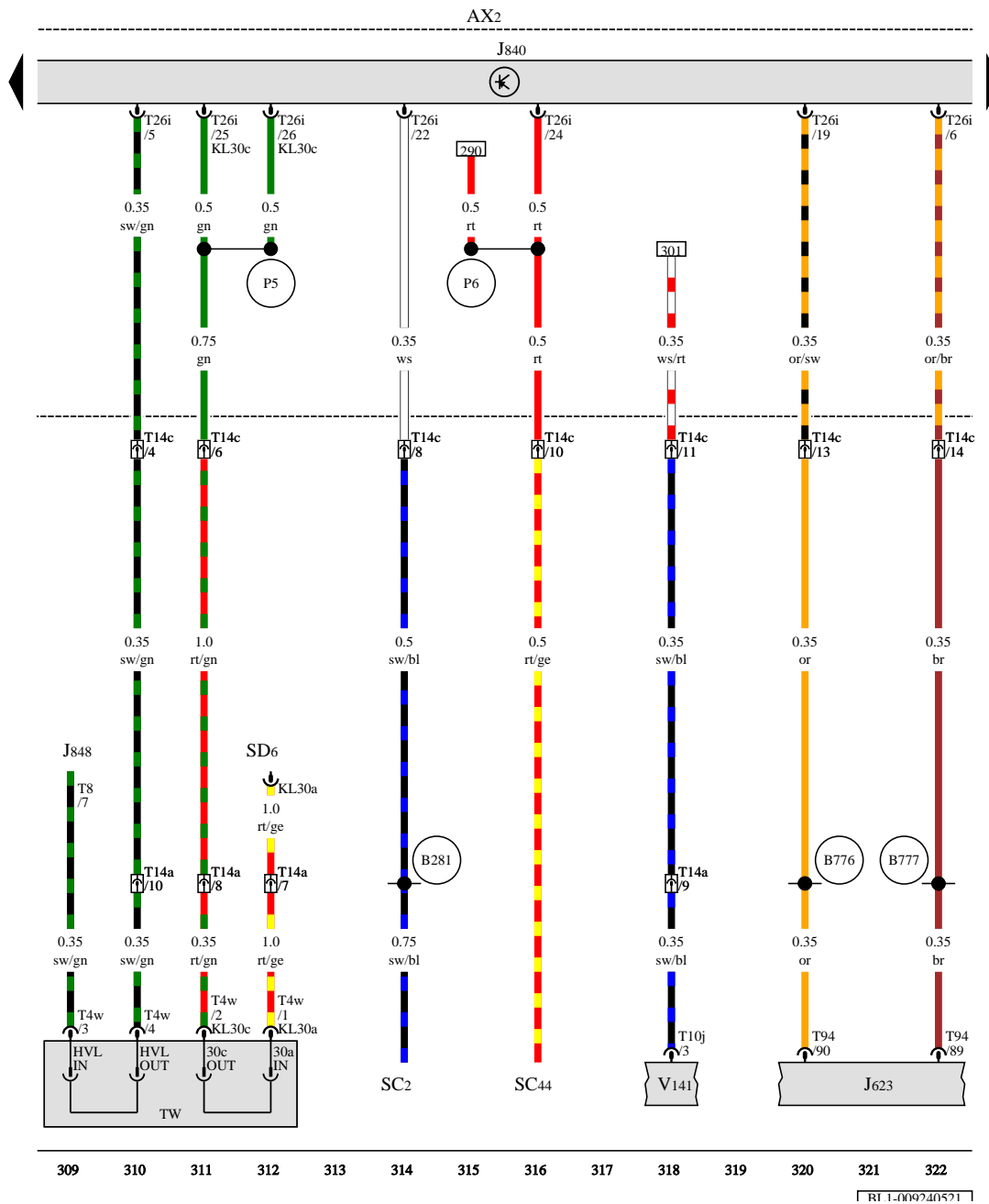
- AX2 High-voltage battery 1
- JX1 Power and control electronics for electric drive
- J234 Airbag control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J840 Battery regulation control unit
- T4x 4-pin connector, black
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T50 50-pin connector, yellow
- T73b 73-pin connector, colourless
- U34 High-voltage battery charging connection 1

- 782 Earth point 1, on high-voltage battery
- 790 Earth point on front left of underbody
- 794 Earth point 1, in high-voltage battery
- 795 Earth point 2, in high-voltage battery
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * High-voltage wiring harness for high-voltage battery (PX1)
- *2 For models with combined AC and DC charging 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



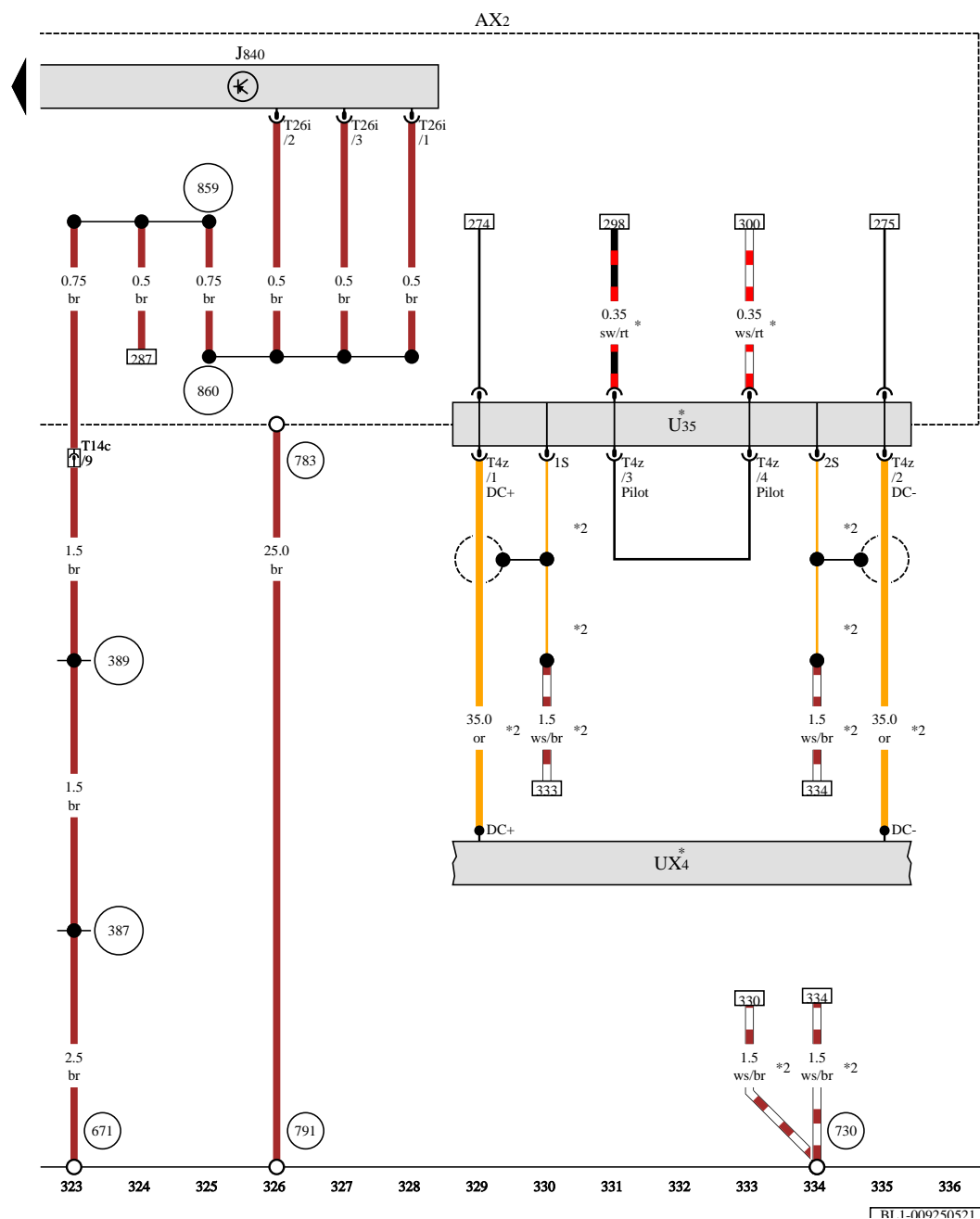
High-voltage battery 1, Battery regulation control unit,
Maintenance connector for high-voltage system



- AX2 High-voltage battery 1
- J623 Engine/motor control unit
- J840 Battery regulation control unit
- J848 High-voltage heater (PTC) control unit
- SC2 Fuse 2 on fuse holder C
- SD6 Fuse 6 on fuse holder D
- SC44 Fuse 44 on fuse holder C
- T4w 4-pin connector, green
- T8 8-pin connector, black
- T10j 10-pin connector, black
- T14a 14-pin connector, brown
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T94 94-pin connector, black
- TW Maintenance connector for high-voltage system
- V141 Electric drive motor

- B281 Positive connection 5 (15a) in main wiring harness
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness
- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery 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



High-voltage battery 1, Battery regulation control unit

AX2 High-voltage battery 1
 J840 Battery regulation control unit
 T4z 4-pin connector, black
 T14c 14-pin connector, black
 T26i 26-pin connector, black
 UX4 High-voltage battery charging socket 1
 U35 High-voltage battery charging connection 2

- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 730 Earth point 1, on right rear wheel housing
- 783 Earth point 2, on high-voltage battery
- 791 Earth point, on rear right of underbody
- 859 Earth connection 1, in high-voltage battery wiring harness
- 860 Earth connection 2, in high-voltage battery wiring harness

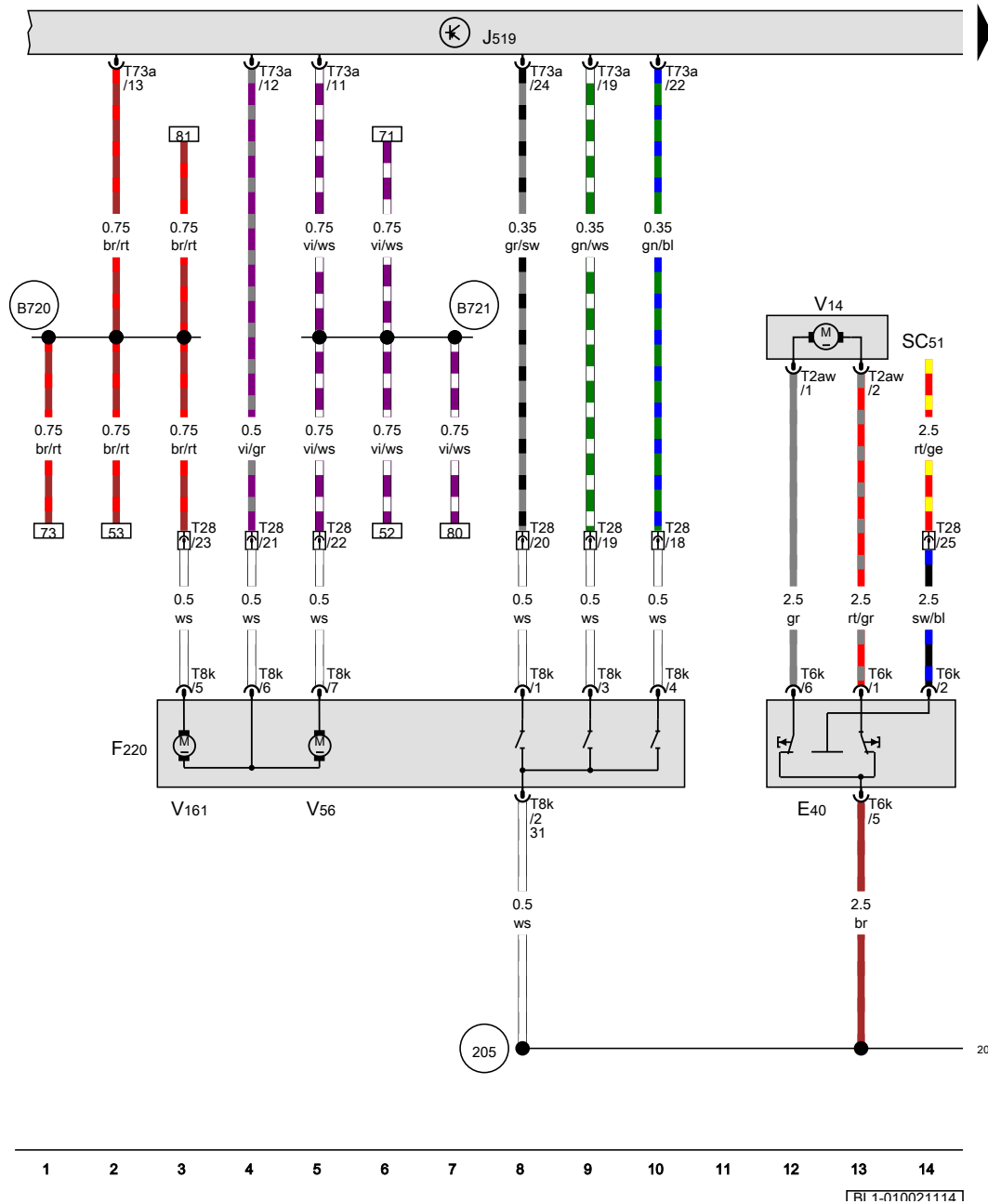
* For models with combined AC and DC charging system
 *2 High-voltage wire for high-voltage battery charging (P52)

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

Convenience system

From July 2013

Driver side central locking lock unit, Onboard supply control unit



- E40 Front left window regulator switch, in driver door
- F220 Driver side central locking lock unit
- J519 Onboard supply control unit
- SC51 Fuse 51 on fuse holder C
- T2aw 2-pin connector
- T6k 6-pin connector, black
- T8k 8-pin connector
- T28 28-pin connector
- T73a 73-pin connector
- V14 Left window regulator motor, in driver door
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 205 Earth connection, in driver door wiring harness
- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), 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

Onboard supply control unit, Central locking SAFELOCK
function warning lamp, Driver side exterior mirror

- | | |
|------|--|
| E308 | Driver side interior locking button for central locking system |
| J519 | Onboard supply control unit |
| K133 | Central locking SAFELOCK function warning lamp |
| SC30 | Fuse 30 on fuse holder C |
| SC41 | Fuse 41 on fuse holder C |
| T2h | 2-pin connector |
| T3ae | 3-pin connector, black |
| T4l | 4-pin connector |
| T8f | 8-pin connector |
| T28 | 28-pin connector |
| T73a | 73-pin connector |
| VX4 | Driver side exterior mirror, in driver door |
| V17 | Driver side mirror adjustment motor 2 |
| V149 | Driver side mirror adjustment motor |
| Z4 | Heated exterior mirror on driver side |

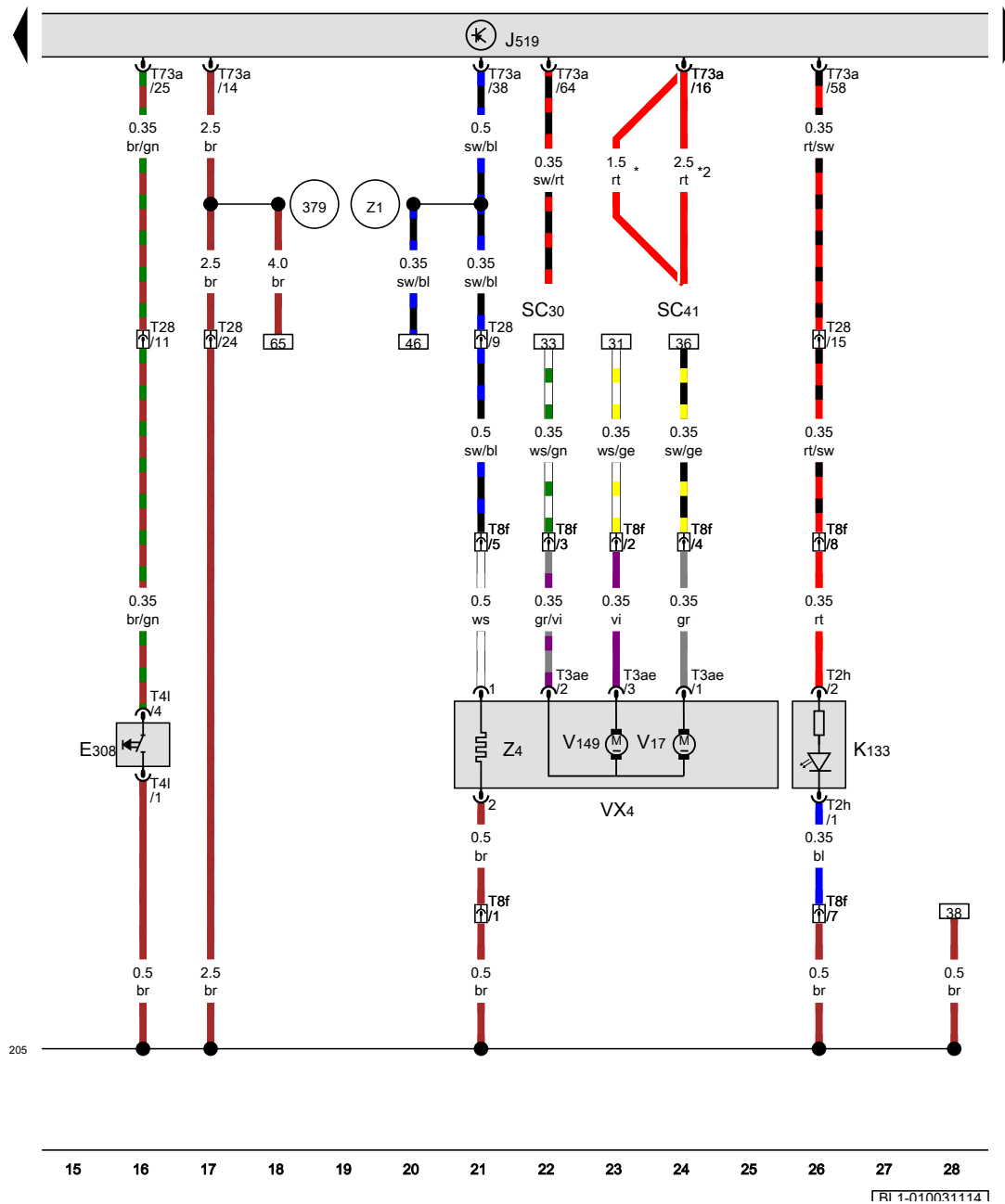
- (205) Earth connection, in driver door wiring harness

- 379 Earth connection 14, in main wiring harness

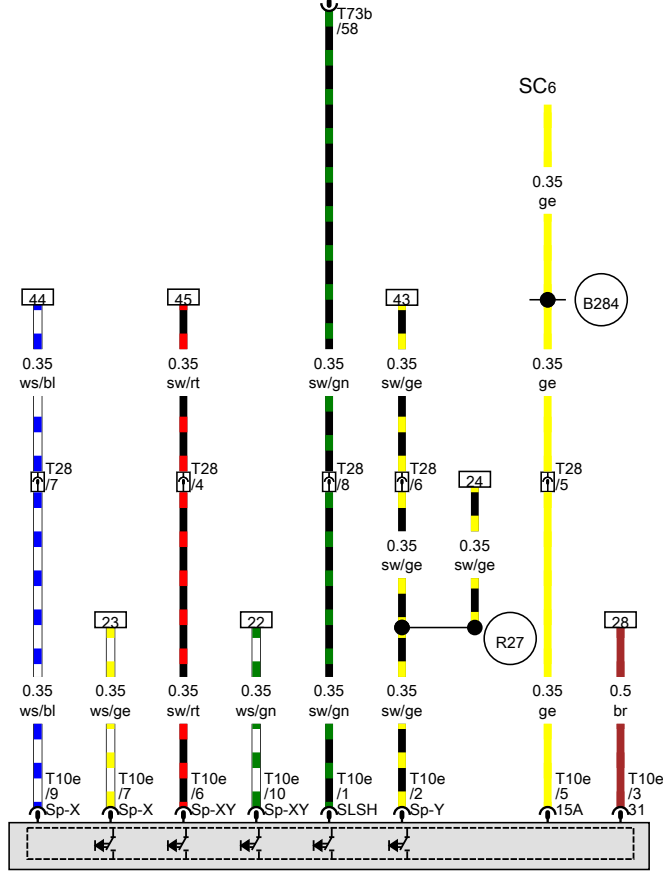
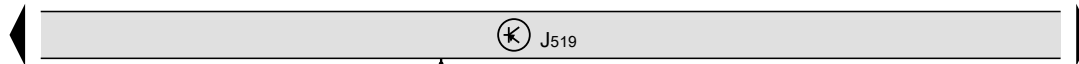
- (Z1) Connection 1, in mirror adjustment/heating wiring harness

* From November 2013

*2 Up to November 2013



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

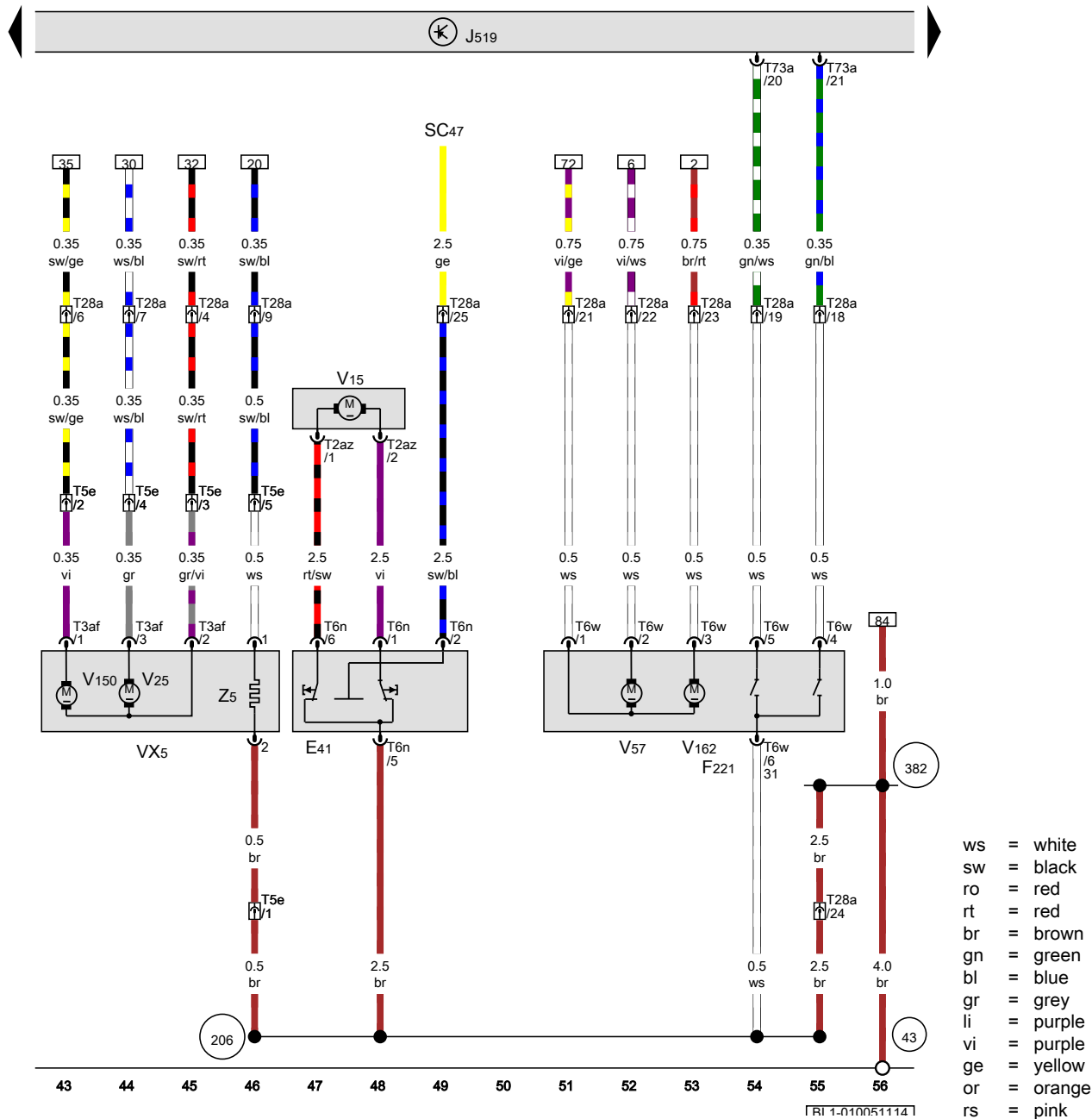


E43

Mirror adjustment switch, Onboard supply control unit

- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit
- SC6 Fuse 6 on fuse holder C
- T10e 10-pin connector
- T28 28-pin connector
- T73b 73-pin connector
- B284 Positive connection 8 (15a) in main wiring harness
- R27 Connection (mirror adjustment), in driver door wiring harness

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



Front right window regulator switch, Front passenger side
central locking lock unit, Onboard supply control unit, Front
passenger side exterior mirror

- | | |
|------|---|
| E41 | Front right window regulator switch, in front passenger door |
| F221 | Front passenger side central locking lock unit |
| J519 | Onboard supply control unit |
| SC47 | Fuse 47 on fuse holder C |
| T2az | 2-pin connector |
| T3af | 3-pin connector, black |
| T5e | 5-pin connector |
| T6n | 6-pin connector, black |
| T6w | 6-pin connector |
| T28a | 28-pin connector |
| T73a | 73-pin connector |
| VX5 | Front passenger side exterior mirror, in front passenger door |
| V15 | Right window regulator motor, in front passenger door |
| V25 | Front passenger side mirror adjustment motor 2 |
| V57 | Front passenger seat central locking motor |
| V150 | Front passenger side mirror adjustment motor |
| V162 | Front passenger door central locking SAFELOCK function motor |
| Z5 | Heated exterior mirror on front passenger side |

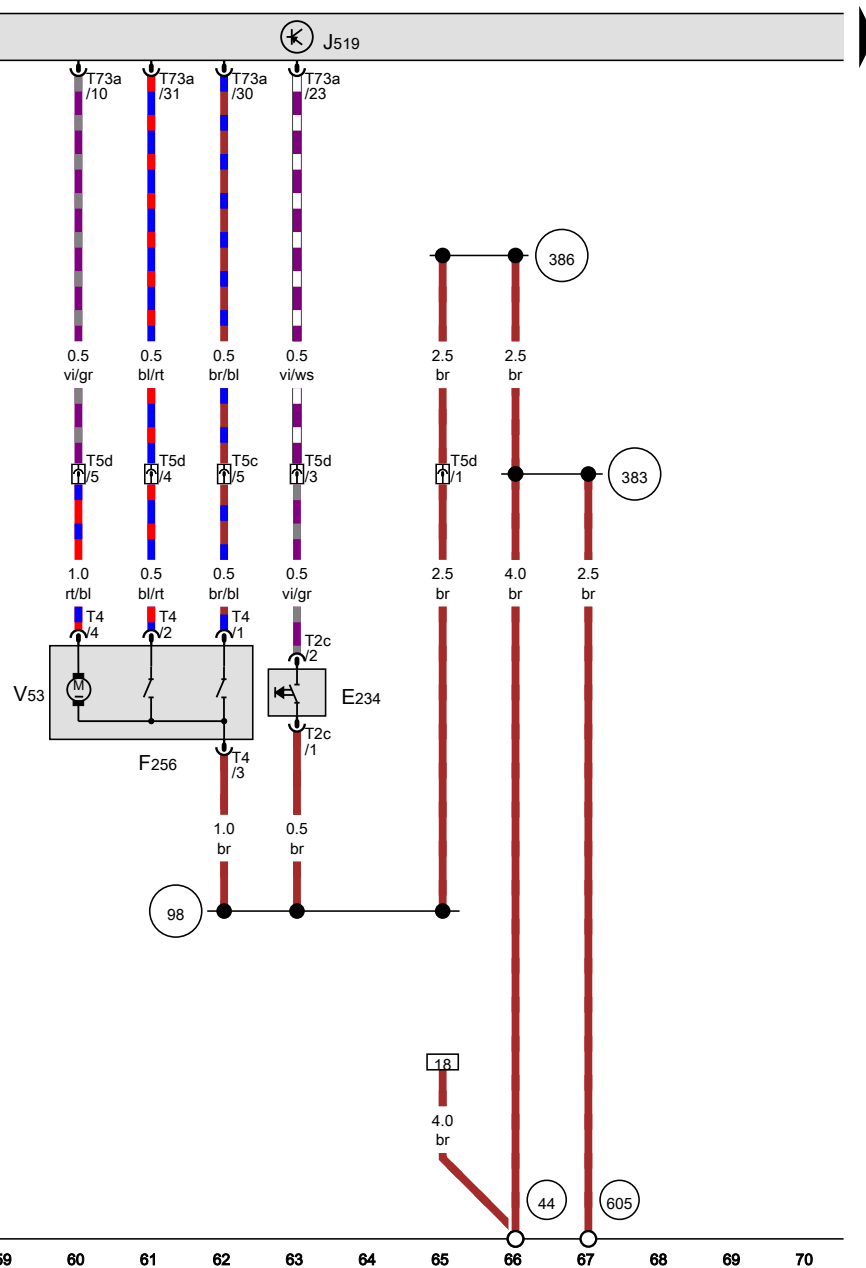
- 43 Earth point, lower part of right A-pillar
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness

- 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

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit

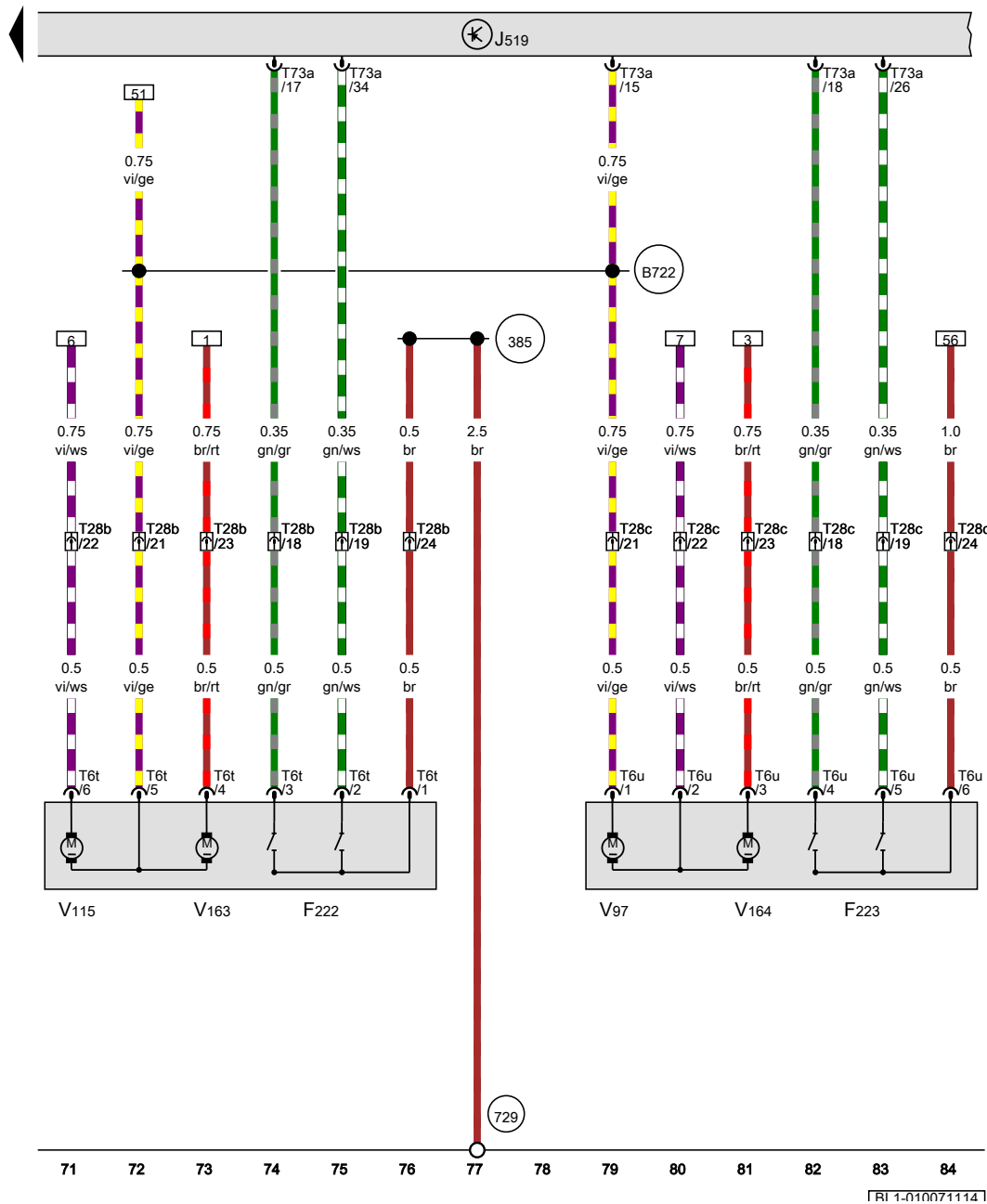
- E234 Rear lid handle release button
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- T2c 2-pin connector
- T4 4-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor

- 44 Earth point, lower part of left A-pillar
- 98 Earth connection, in rear lid wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column



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

Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit



- F222 Rear left central locking lock unit
- F223 Rear right central locking lock unit
- J519 Onboard supply control unit
- T6t 6-pin connector
- T6u 6-pin connector
- T28b 28-pin connector
- T28c 28-pin connector
- T73a 73-pin connector
- V97 Rear right door central locking motor
- V115 Rear left door central locking motor
- V163 Rear left door central locking SAFELOCK function motor
- V164 Rear right door central SAFELOCK function locking motor

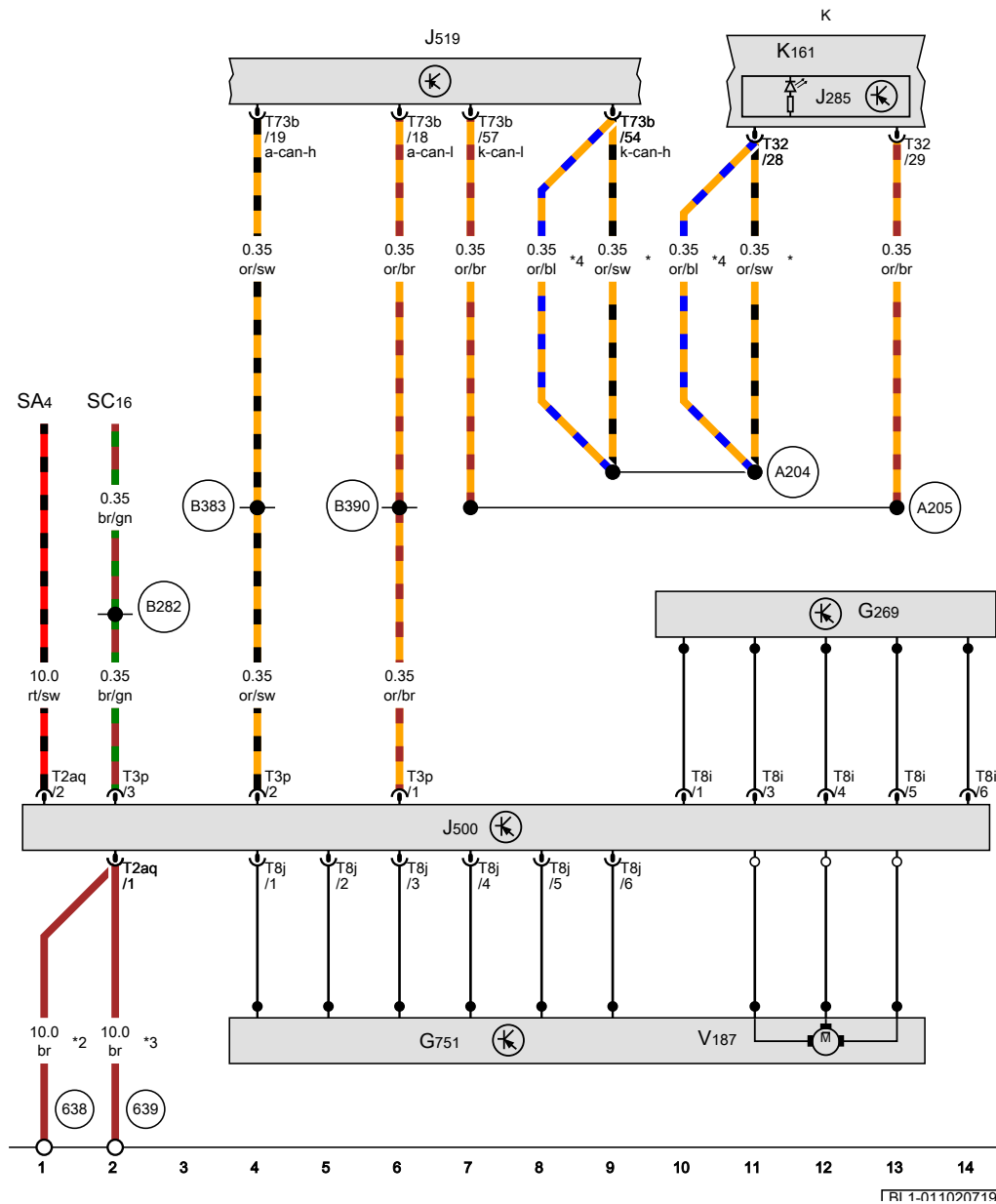
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B722 Connection 3 (central locking), in main wiring harness

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

Power assisted steering

From July 2013

Steering moment sender, Rotor position sender for active steering motor, Power steering control unit, Onboard supply control unit, Electromechanical power steering warning lamp, Electromechanical power steering motor



- G269 Steering moment sender
- G751 Rotor position sender for active steering motor
- J285 Control unit in dash panel insert
- J500 Power steering control unit
- J519 Onboard supply control unit
- K Dash panel insert
- K161 Electromechanical power steering warning lamp
- SA4 Fuse 4 on fuse holder A
- SC16 Fuse 16 on fuse holder C
- T2aq 2-pin connector
- T3p 3-pin connector
- T8i 8-pin connector
- T8j 8-pin connector
- T32 32-pin connector
- T73b 73-pin connector
- V187 Electromechanical power steering motor

- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness
- 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
- * Up to August 2016
- *2 For right-hand drive models
- *3 For left-hand drive models
- *4 From August 2016

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

Panoramic sliding sunroof , (3FB)

From July 2013

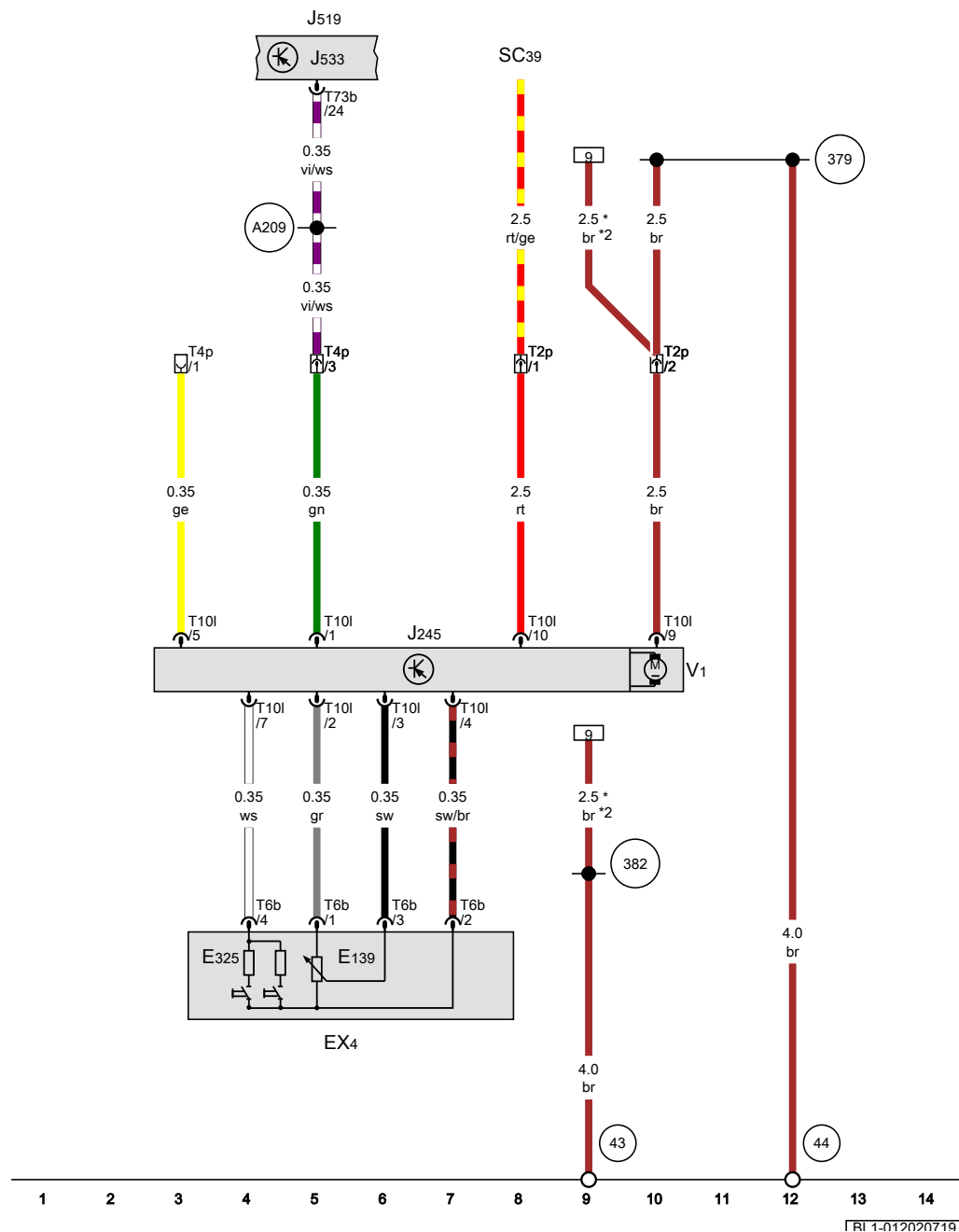
Sliding sunroof adjustment, Sliding sunroof adjustment control unit, Onboard supply control unit, Sliding sunroof motor

- EX4 Sliding sunroof adjustment
- E139 Sliding sunroof adjustment regulator, in interior light switch trim, sunroof
- E325 Sunroof button, in interior light switch trim, sunroof
- J245 Sliding sunroof adjustment control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC39 Fuse 39 on fuse holder C
- T2p 2-pin connector, near sliding sunroof switch
- T4p 4-pin connector, near sliding sunroof switch
- T6b 6-pin connector
- T10l 10-pin connector
- T73b 73-pin connector
- V1 Sliding sunroof motor

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 379 Earth connection 14, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- A209 Connection 1 (LIN bus) in dash panel wiring harness

- * From November 2014
- *2 For right-hand drive models

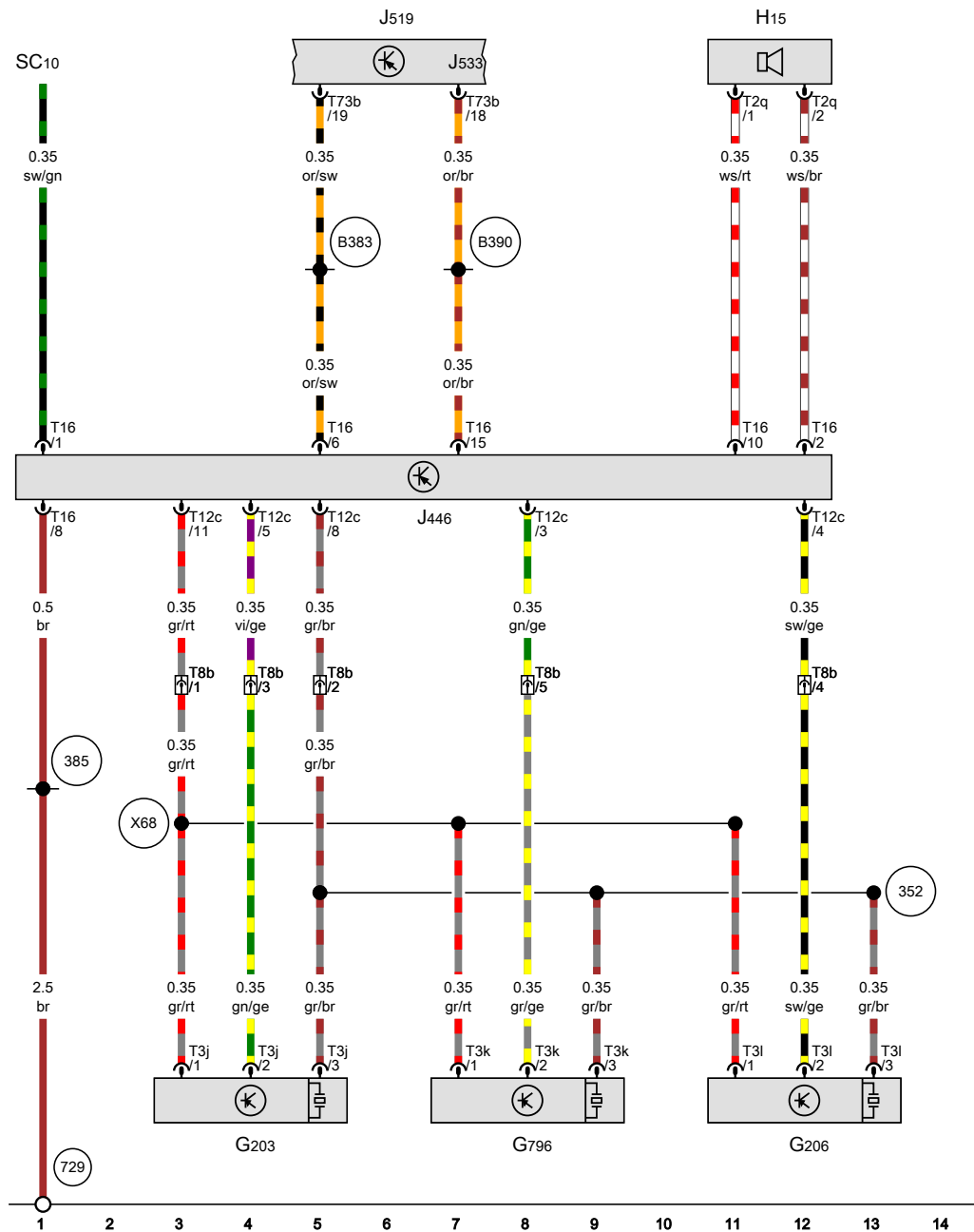
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Parking aid (PDC)

From July 2013

Rear left parking aid sender, Rear right parking aid sender, Rear centre parking aid sender, Rear parking aid warning buzzer, Parking aid control unit, Onboard supply control unit, Data bus diagnostic interface



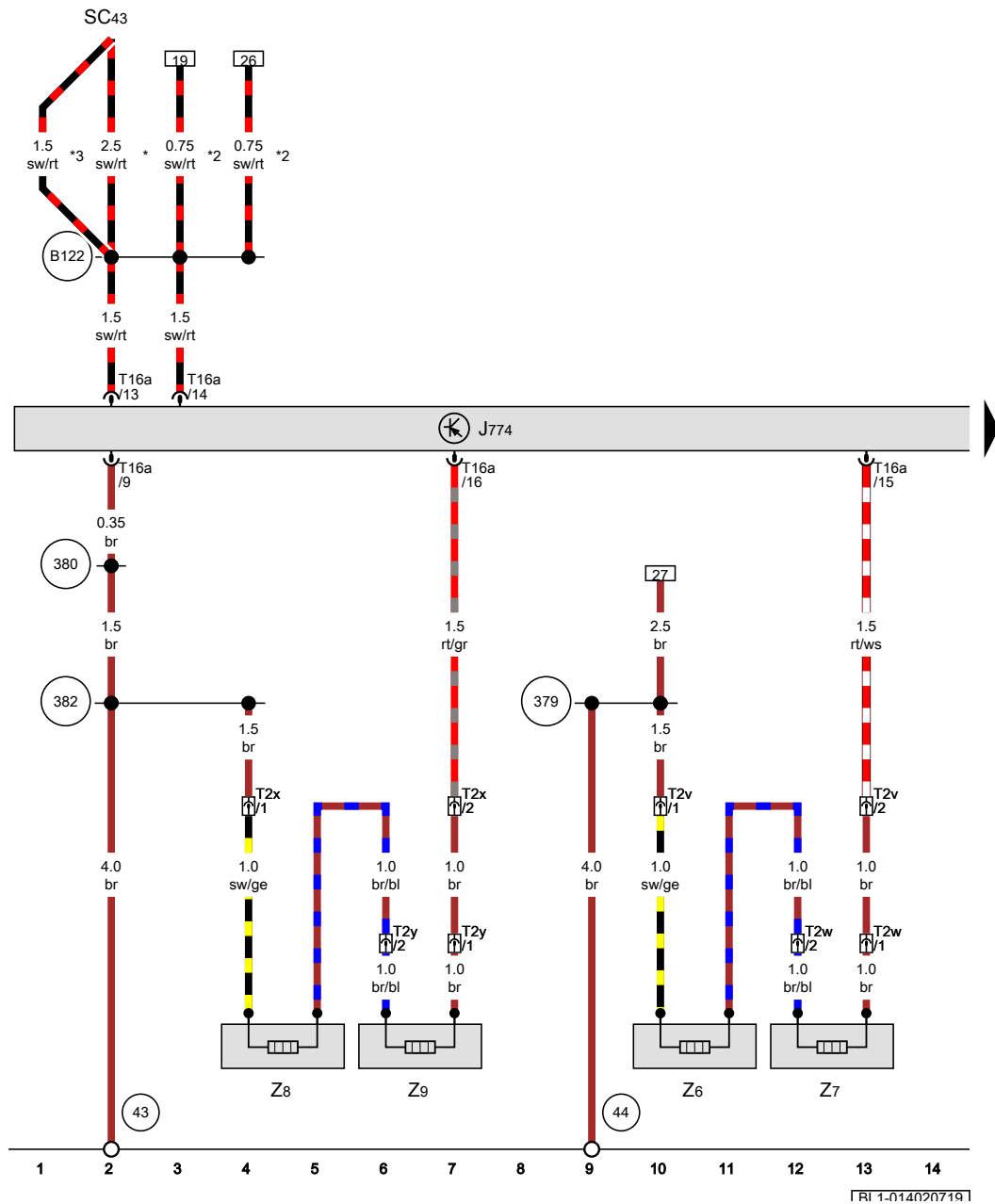
- G203 Rear left parking aid sender
- G206 Rear right parking aid sender
- G796 Rear centre parking aid sender
- H15 Rear parking aid warning buzzer, behind left side trim in luggage compartment
- J446 Parking aid control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC10 Fuse 10 on fuse holder C
- T2q 2-pin connector
- T3j 3-pin connector
- T3k 3-pin connector
- T3l 3-pin connector
- T8b 8-pin connector, behind rear bumper on left
- T12c 12-pin connector
- T16 16-pin connector
- T73b 73-pin connector
- 352 Earth connection (parking aid), in rear bumper wiring harness, in rear bumper
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness, in rear bumper

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

Seat heating

From July 2013

Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat



- J774 Heated front seats control unit
- SC43 Fuse 43 on fuse holder C
- T2v 2-pin connector, under driver seat
- T2w 2-pin connector
- T2x 2-pin connector, under front passenger seat
- T2y 2-pin connector
- T16a 16-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

- 43 Earth point, lower part of right A-pillar
- 44 Earth point, lower part of left A-pillar
- 379 Earth connection 14, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B122 Connection (75, seat heating), in interior wiring harness

- * Up to August 2016
- *2 Cross section depends on equipment
- *3 From August 2016

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

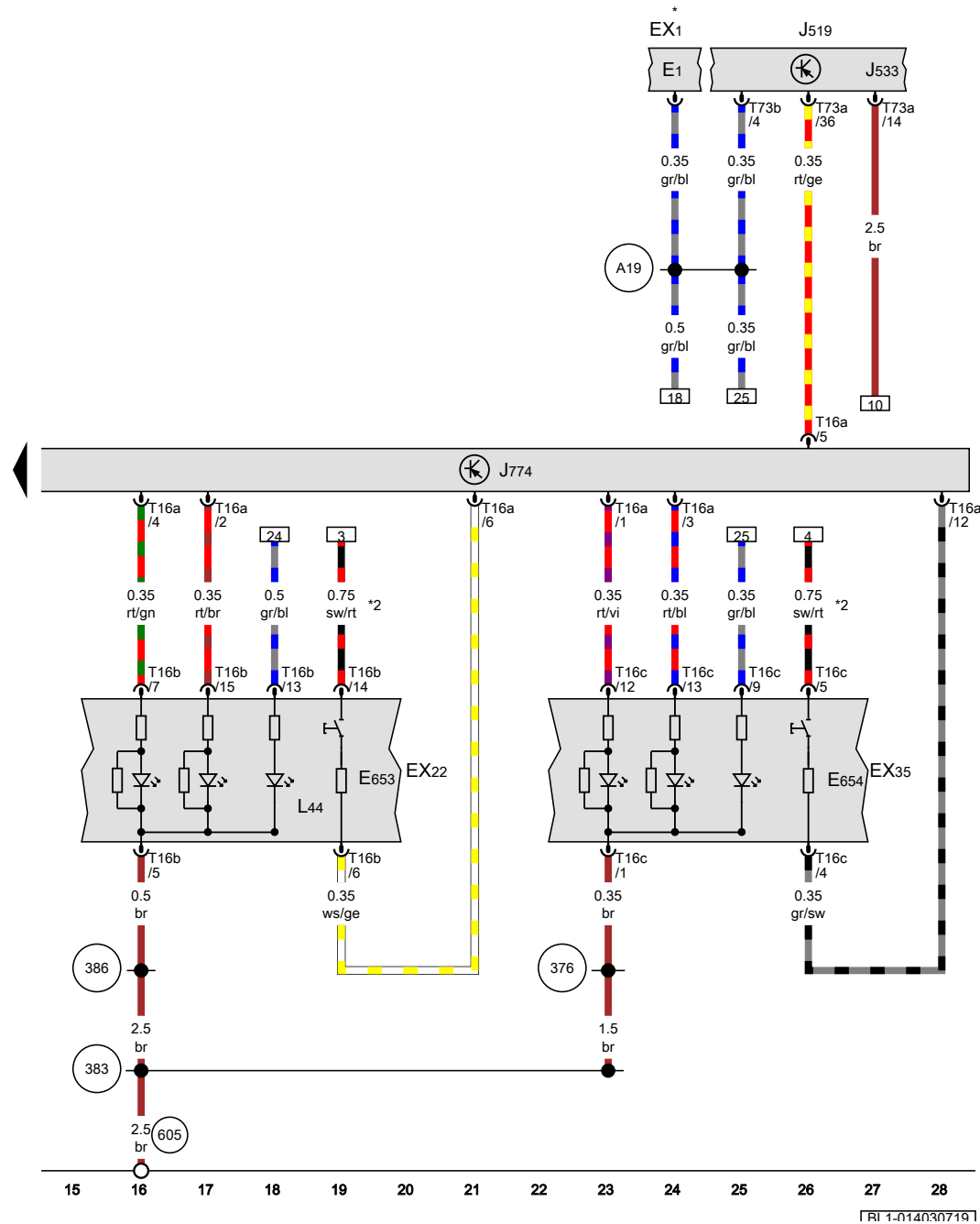
Centre switch module in dash panel, Centre switch module 2 in dash panel, Button for left seat heating, Button for right seat heating, Onboard supply control unit, Data bus diagnostic interface, Heated front seats control unit

- E1 Light switch
- EX1 Rotary light switch
- EX22 Centre switch module in dash panel
- EX35 Centre switch module 2 in dash panel
- E653 Button for left seat heating
- E654 Button for right seat heating
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J774 Heated front seats control unit
- L44 Seat heating switch illumination bulb
- T16a 16-pin connector
- T16b 16-pin connector
- T16c 16-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- 376 Earth connection 11, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- A19 Connection (58d), in dash panel wiring harness

* see applicable current flow diagram for basic equipment
 *2 Cross section depends on equipment

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



Airbag systems

From July 2013

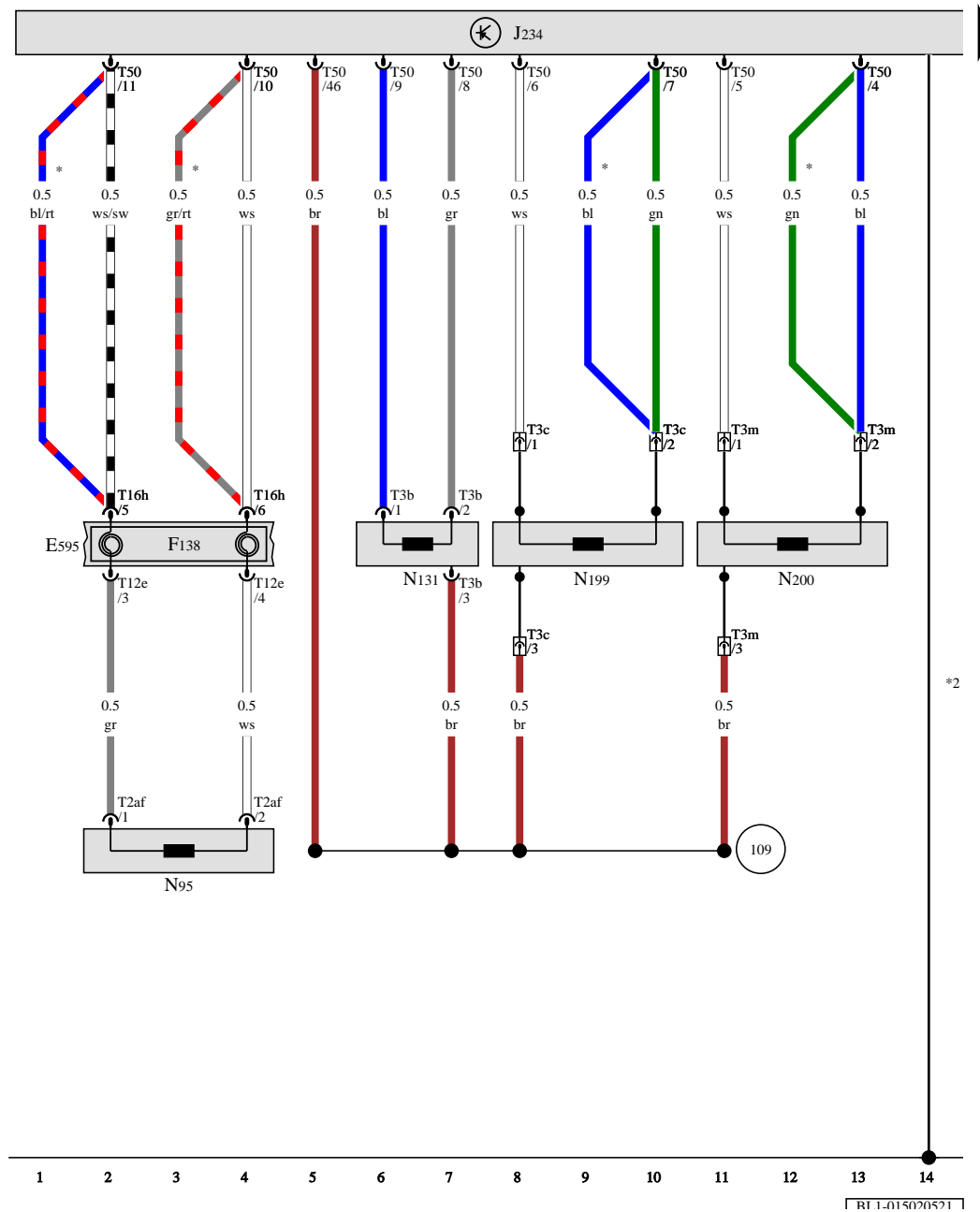
Steering column combination switch, Airbag coil connector and return ring with slip ring, Airbag control unit, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2af 2-pin connector
- T3b 3-pin connector
- T3c 3-pin connector, under driver seat
- T3m 3-pin connector, under front passenger seat
- T12e 12-pin connector
- T16h 16-pin connector
- T50 50-pin connector

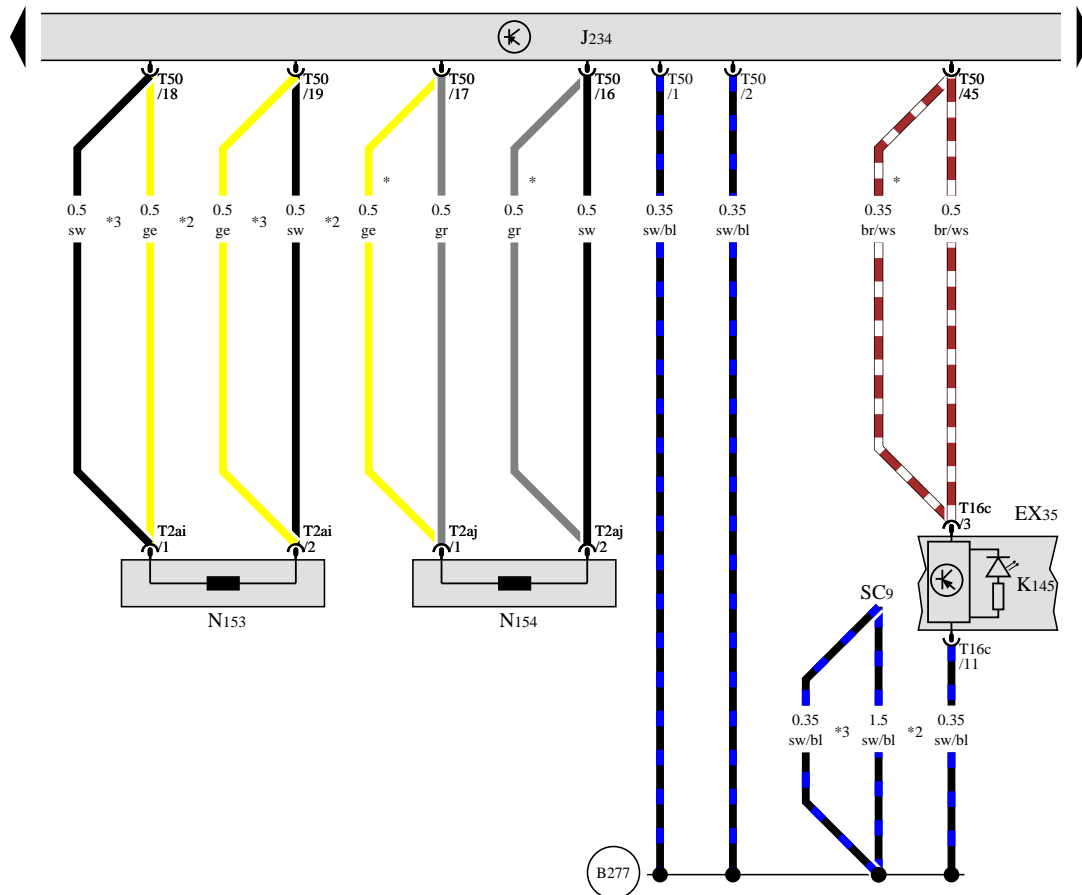
109 Earth connection, in airbag wiring harness

* For right-hand drive models

*2 Earth supply via housing



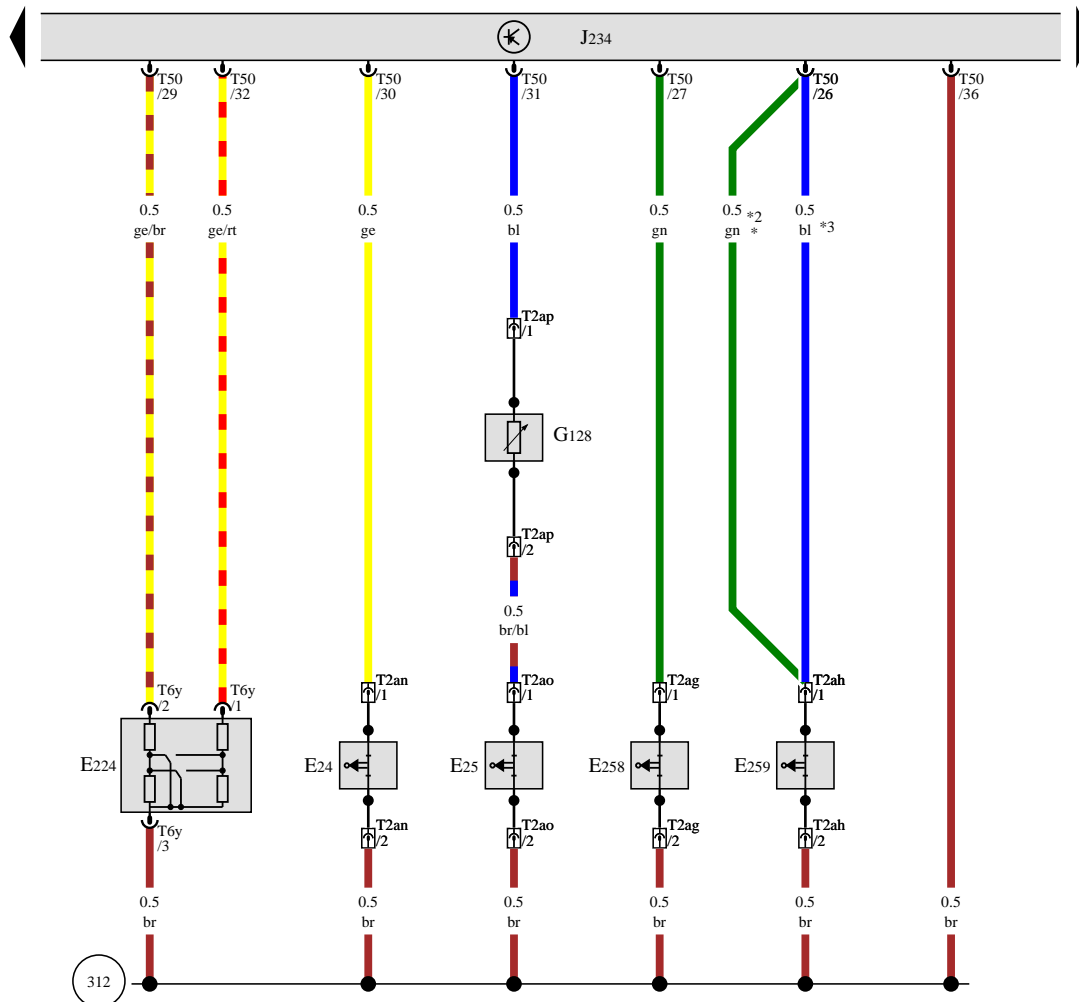
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



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

- EX35 Centre switch module 2 in dash panel
- J234 Airbag control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- SC9 Fuse 9 on fuse holder C
- T2ai 2-pin connector
- T2aj 2-pin connector
- T16c 16-pin connector
- T50 50-pin connector
- B277 Positive connection 1 (15a) in main wiring harness
- * For right-hand drive models
- *2 Up to August 2016
- *3 From August 2016

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



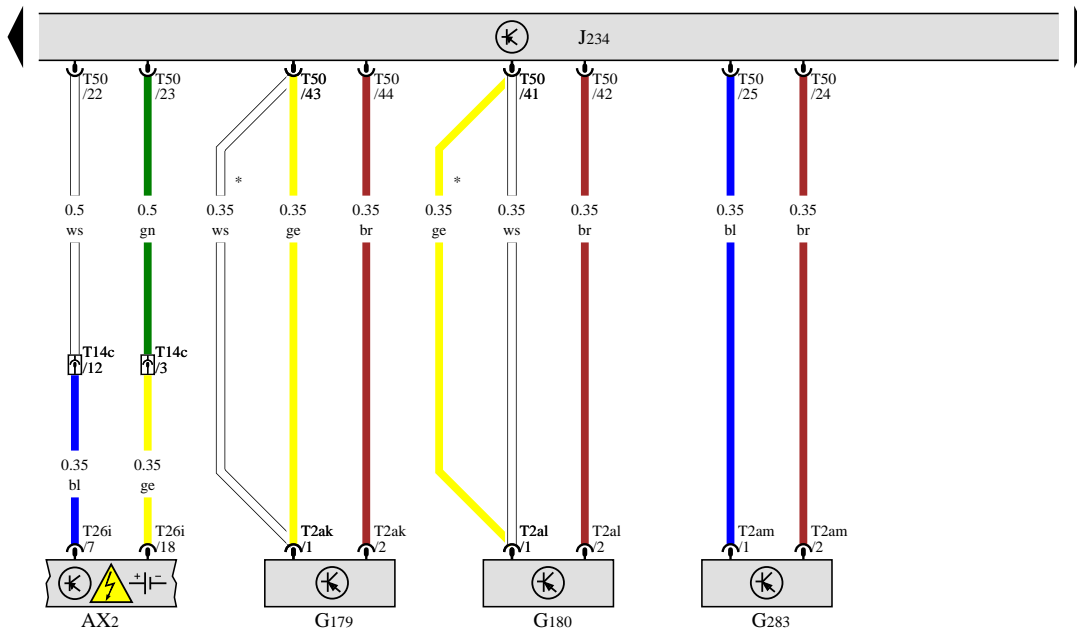
Driver side belt switch, Front passenger side belt switch, Key-operated switch to deactivate airbag on front passenger side, Rear belt switch, driver side, Rear belt switch, passenger side, Seat occupied sensor on front passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E224 Key-operated switch to deactivate airbag on front passenger side
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- G128 Seat occupied sensor on front passenger side
- J234 Airbag control unit
- T2ag 2-pin connector
- T2ah 2-pin connector
- T2an 2-pin connector, under driver seat
- T2ao 2-pin connector, under front passenger seat
- T2ap 2-pin connector, under front passenger seat
- T6y 6-pin connector
- T50 50-pin connector

312 Earth connection 2, in airbag wiring harness

- * For right-hand drive models
- *2 Up to November 2014
- *3 From November 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

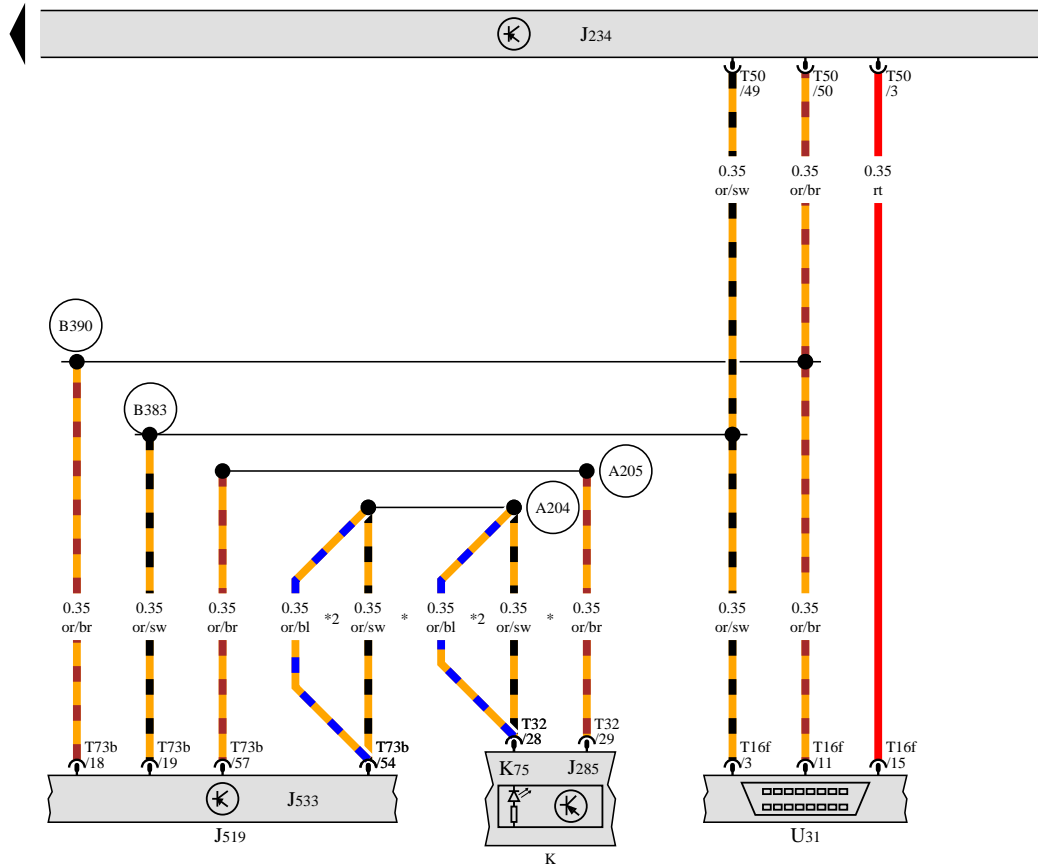


Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Front airbag crash sensor for driver side, Airbag control unit

- AX2 High-voltage battery 1
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- T2ak 2-pin connector
- T2al 2-pin connector
- T2am 2-pin connector
- T14c 14-pin connector
- T26i 26-pin connector
- T50 50-pin connector
- * For right-hand drive models

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

Airbag control unit, Dash panel insert, Airbag warning lamp



- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- K75 Airbag warning lamp
- T16f 16-pin connector
- T32 32-pin connector
- T50 50-pin connector
- T73b 73-pin connector
- U31 Diagnostic connection

- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Up to August 2016
- *2 From August 2016

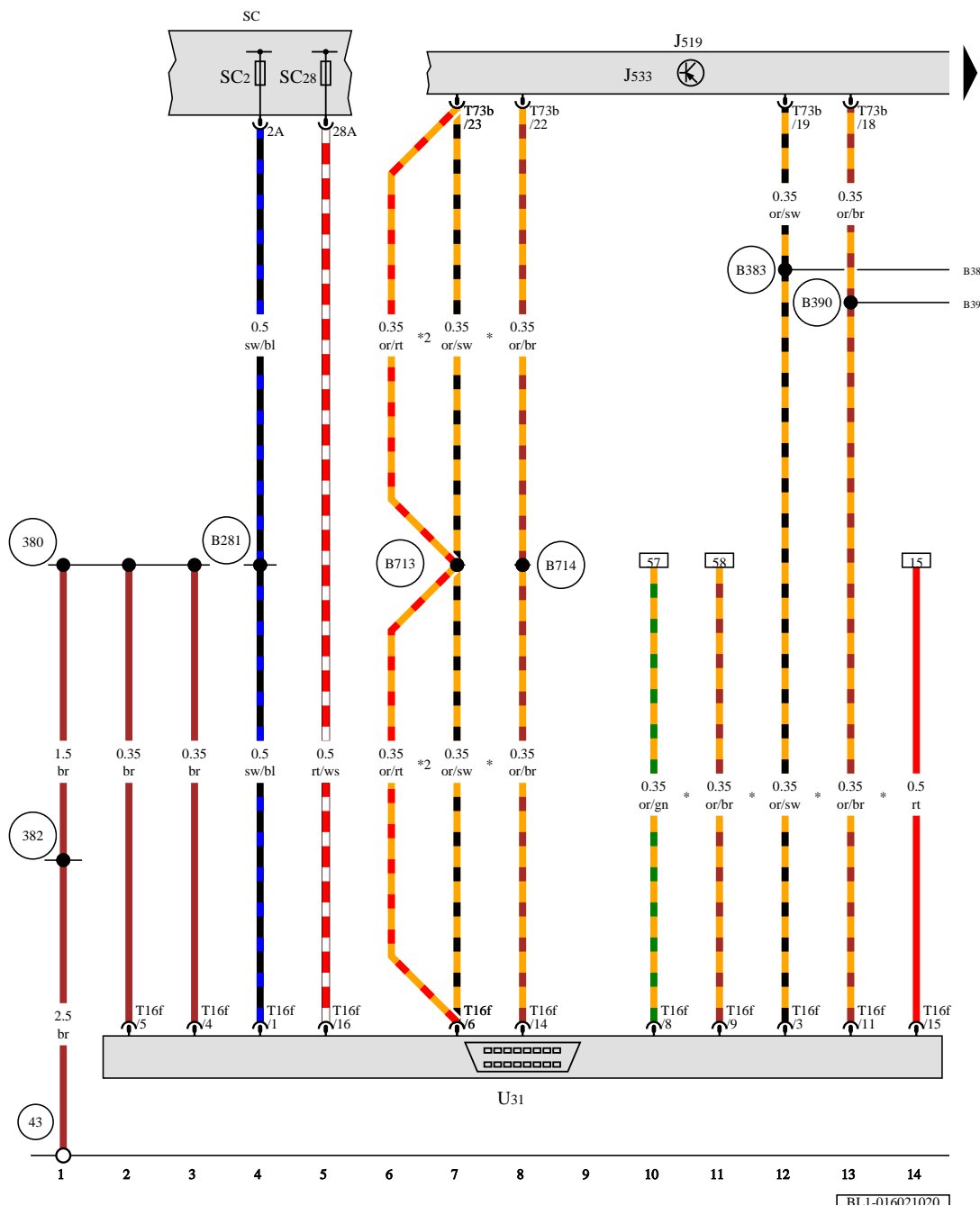
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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

RT L-015060521

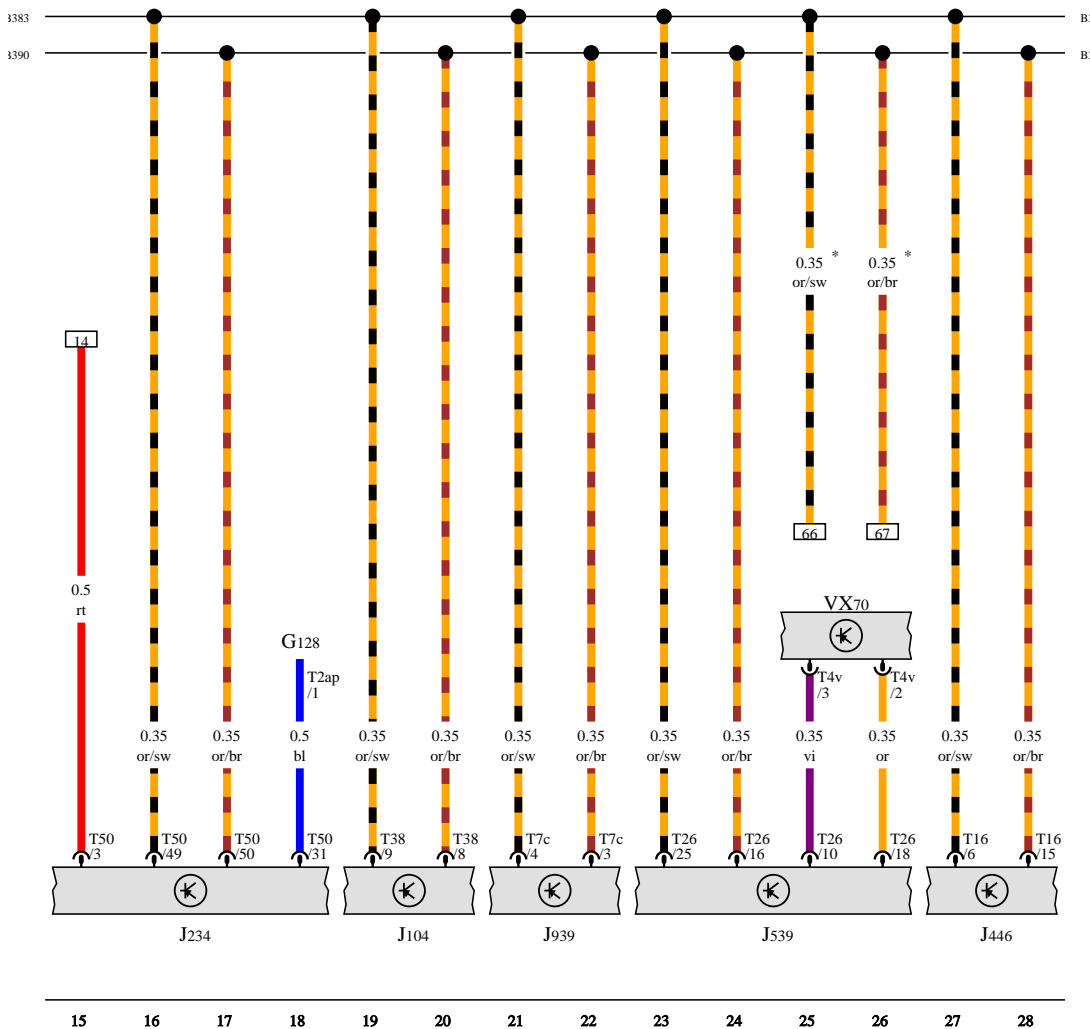
Data bus network

From July 2013



Onboard supply control unit, Fuse holder C, Diagnostic connection

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T16f 16-pin connector
- T73b 73-pin connector
- U31 Diagnostic connection
- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 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
- B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness
- B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness
- * Up to August 2016
- *2 From August 2016



16031070

Seat occupied sensor on front passenger side, ABS control unit, Airbag control unit, Parking aid control unit, Onboard supply control unit, Brake servo control unit, Emergency braking function sensor unit, Brake system pressure accumulator

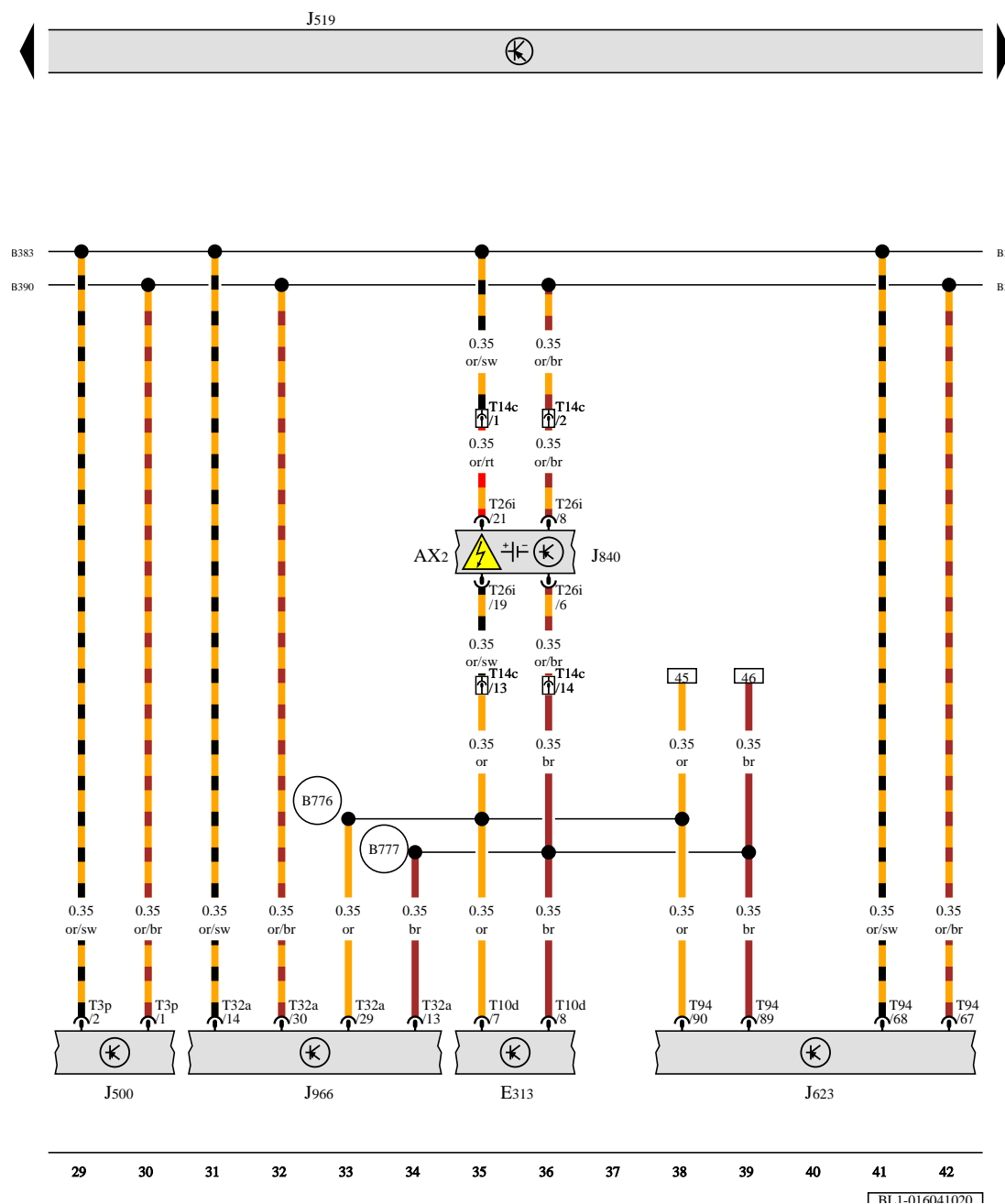
- G128 Seat occupied sensor on front passenger side
- J104 ABS control unit
- J234 Airbag control unit
- J446 Parking aid control unit
- J519 Onboard supply control unit
- J539 Brake servo control unit
- J939 Emergency braking function sensor unit
- T2ap 2-pin connector
- T4v 4-pin connector
- T7c 7-pin connector
- T16 16-pin connector
- T26 26-pin connector
- T38 38-pin connector
- T50 50-pin connector
- VX70 Brake system pressure accumulator

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

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

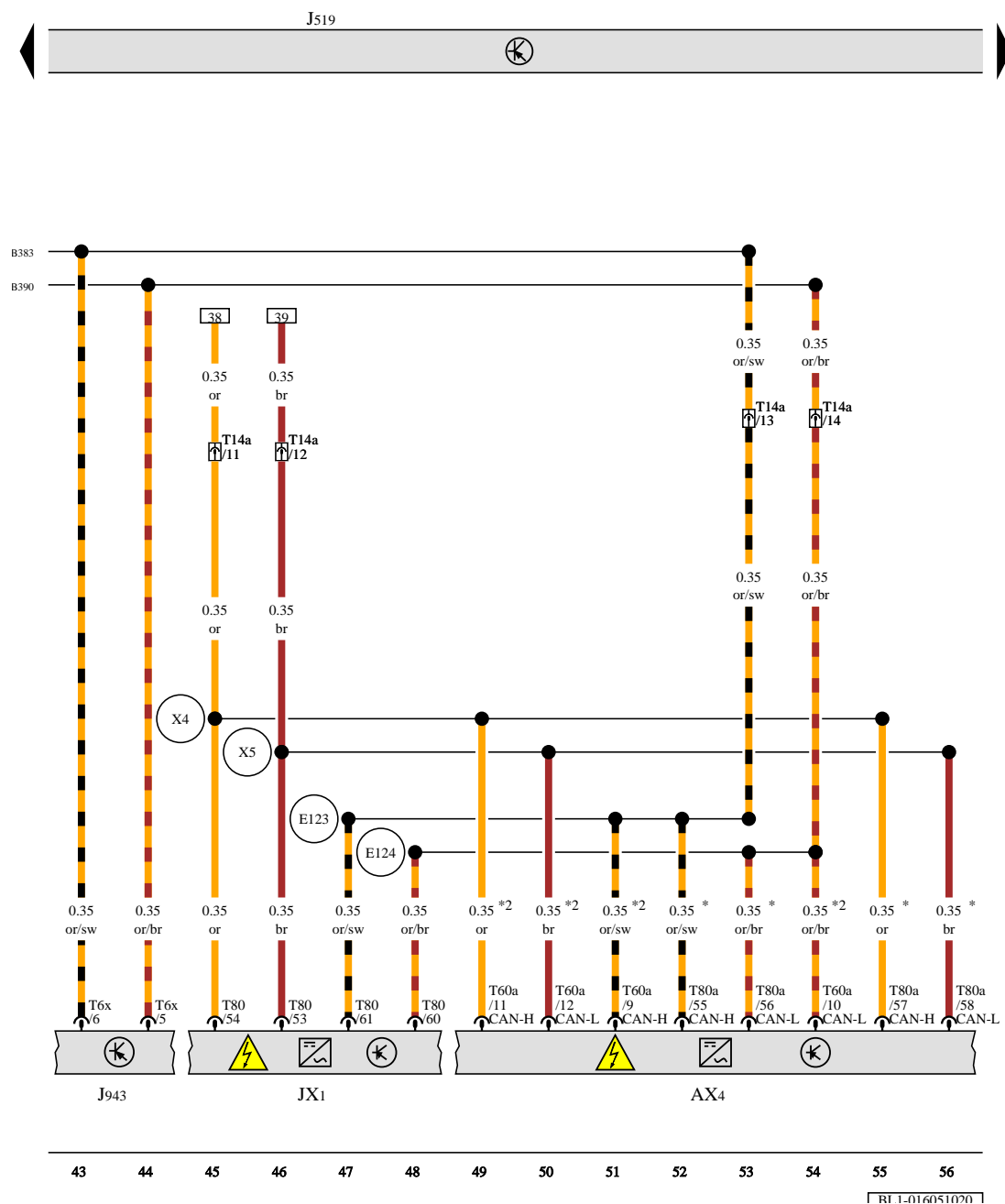
* According to equipment

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



High-voltage battery 1, Selector lever, Power steering control unit, Onboard supply control unit, Engine/motor control unit, Battery regulation control unit, Charge voltage control unit for high-voltage battery

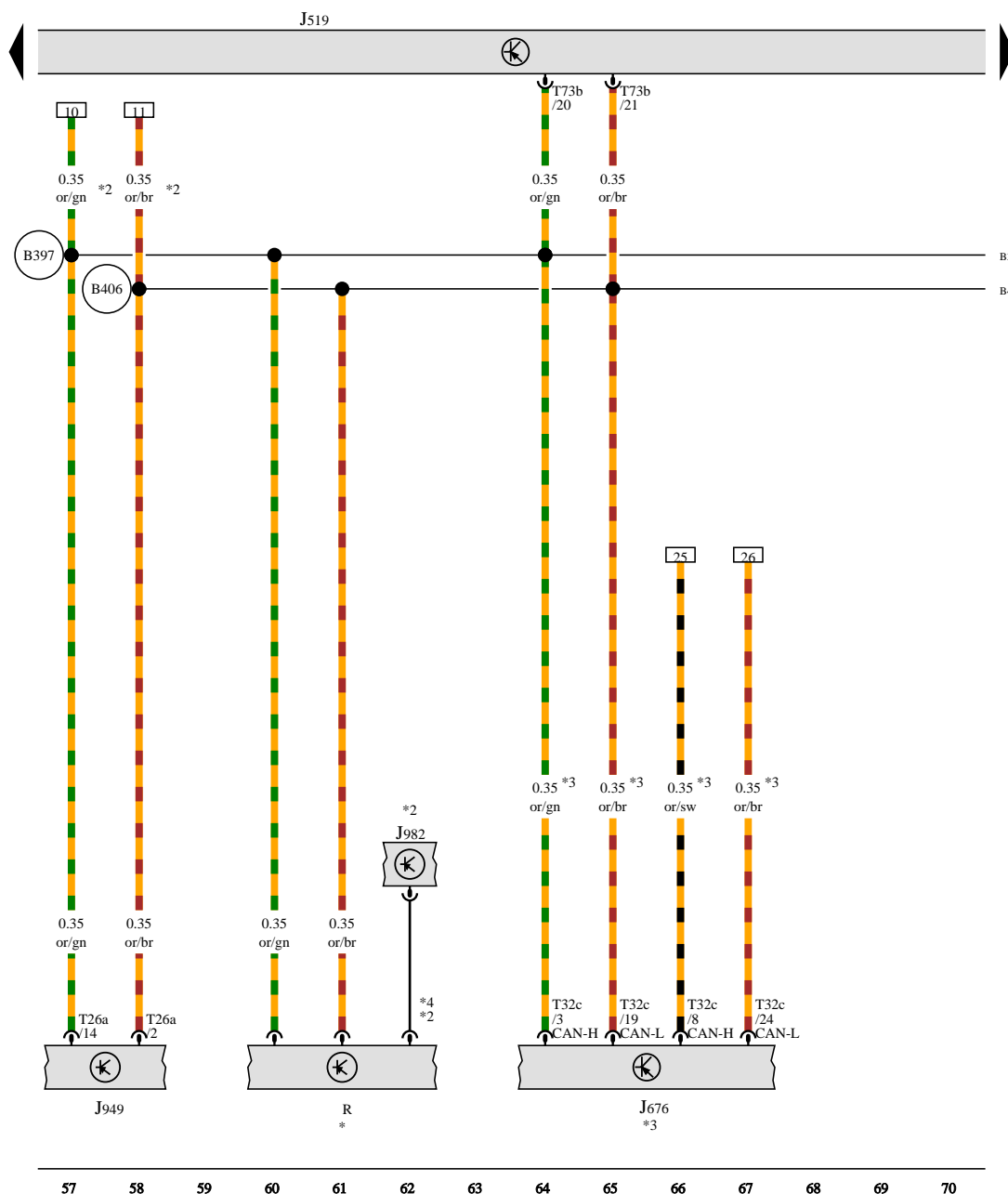
- AX2 High-voltage battery 1
- E313 Selector lever
- J500 Power steering control unit
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J840 Battery regulation control unit
- J966 Charge voltage control unit for high-voltage battery
- T3p 3-pin connector
- T10d 10-pin connector
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 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
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness



Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Onboard supply control unit, Engine sound generator control unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- T6x 6-pin connector, black
- T14a 14-pin connector, front left in engine compartment
- T60a 60-pin connector, black
- T80 80-pin connector
- T80a 80-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * Up to August 2019
- *2 From August 2019

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, Chip card reader control unit, Emergency call module control unit and communication unit, Portable navigation and infotainment system, Radio

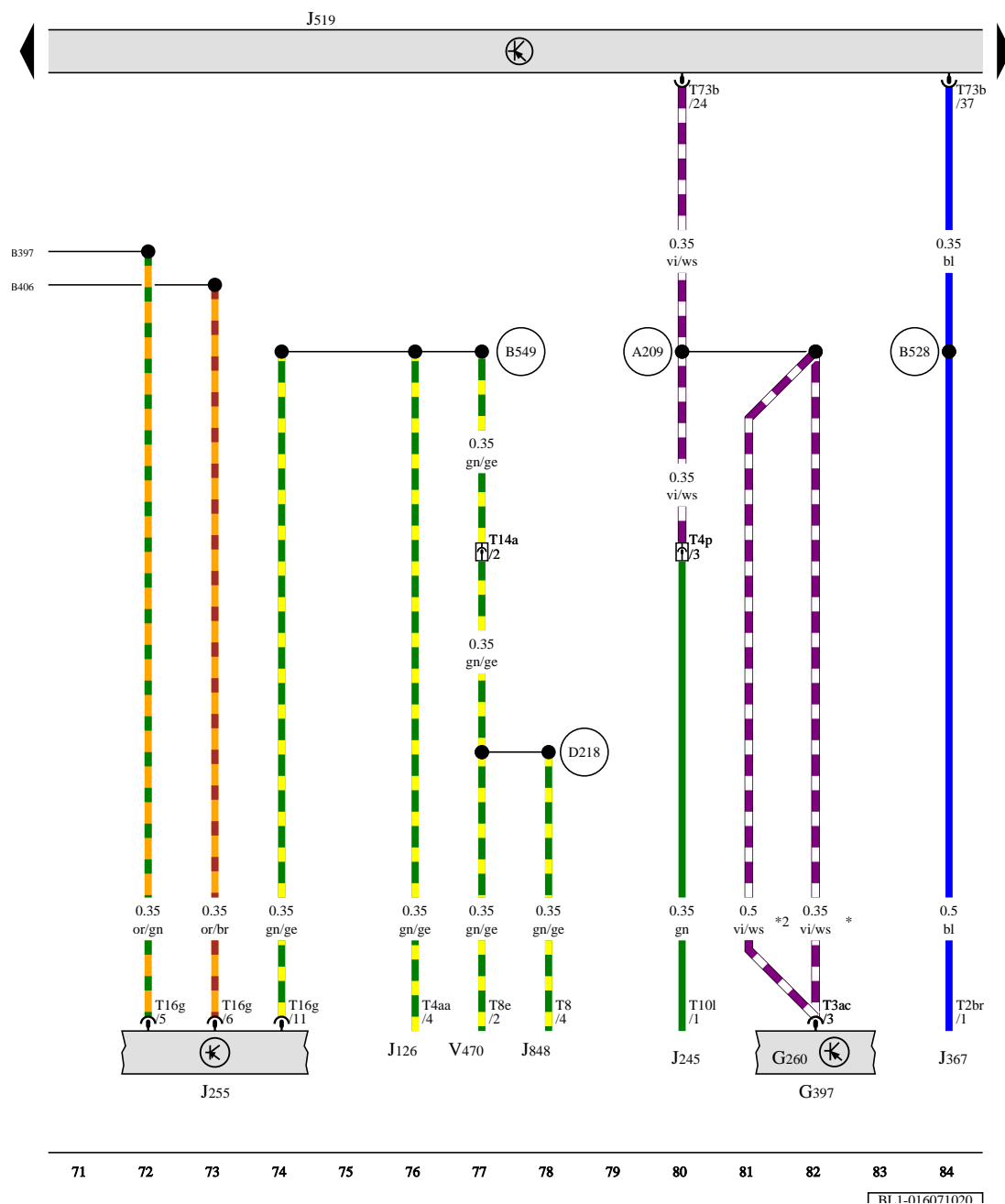
- J519 Onboard supply control unit
- J676 Chip card reader control unit
- J949 Emergency call module control unit and communication unit
- J982 Portable navigation and infotainment system
- R Radio
- T26a 26-pin connector
- T32c 32-pin connector, black
- T73b 73-pin connector

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
- *2 Up to August 2016
- *3 According to equipment
- *4 Adapter wire

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



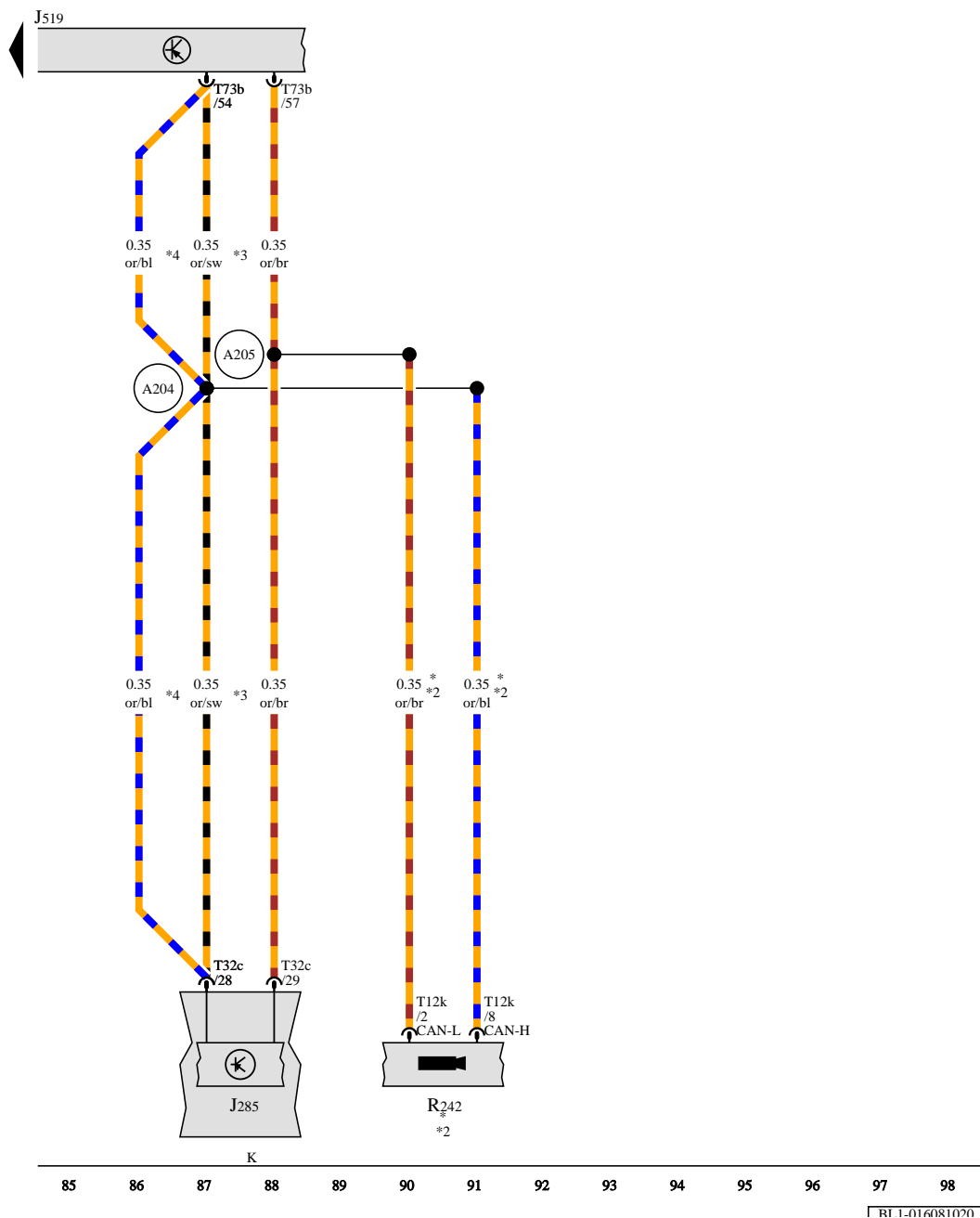
Humidity sender for air conditioning system, Rain and light sensor, Fresh air blower control unit, Sliding sunroof adjustment control unit, Climatronic control unit, Battery monitor control unit, Onboard supply control unit, High-voltage heater (PTC) control unit, Electrical air conditioner compressor

- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J126 Fresh air blower control unit
- J245 Sliding sunroof adjustment control unit
- J255 Climatronic control unit
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- J848 High-voltage heater (PTC) control unit
- T2br 2-pin connector
- T3ac 3-pin connector, black
- T4aa 4-pin connector
- T4p 4-pin connector, on roof module
- T8 8-pin connector
- T8e 8-pin connector
- T10l 10-pin connector
- T14a 14-pin connector, front left in engine compartment
- T16g 16-pin connector
- T73b 73-pin connector
- V470 Electrical air conditioner compressor

- A209 Connection 1 (LIN bus) in dash panel wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (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
- D218 Connection 1 (LIN bus) in engine compartment wiring harness

* Up to August 2016
*2 From August 2016

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



Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Front camera for driver assist systems

- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- R242 Front camera for driver assist systems
- T12k 12-pin connector, black
- T32c 32-pin connector
- T73b 73-pin connector

- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

- * From August 2019
- *2 For models with front camera for driver assist systems
- *3 Up to August 2016
- *4 From August 2016

- 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

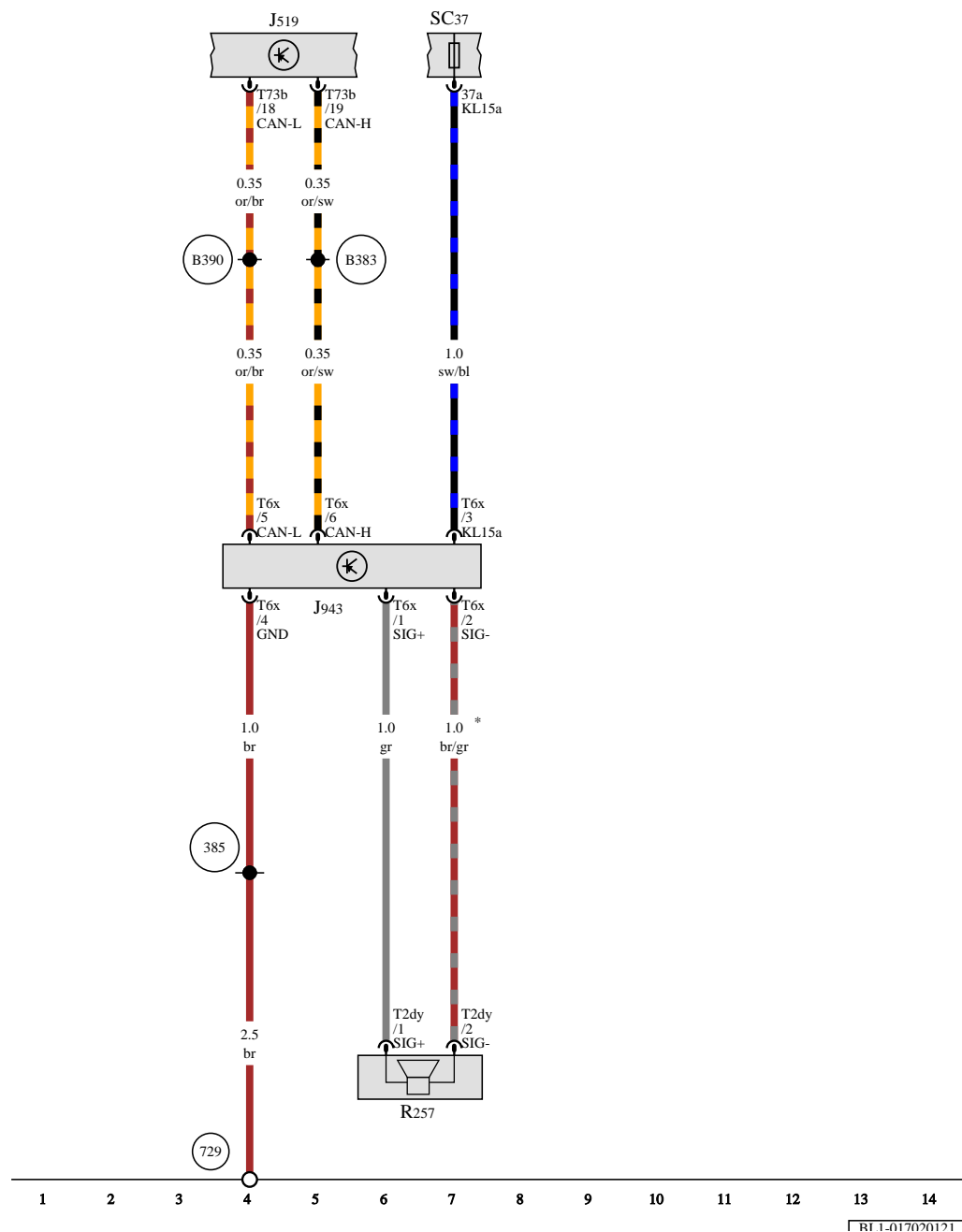
Engine sound generator , (GM2),(GM4)

From November 2013

Engine sound generator control unit, Actuator 1 for engine sound generator

- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- R257 Actuator 1 for engine sound generator
- SC37 Fuse 37 on fuse holder C
- T2dy 2-pin connector
- T6x 6-pin connector
- T73b 73-pin connector

- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Different wire colour possible

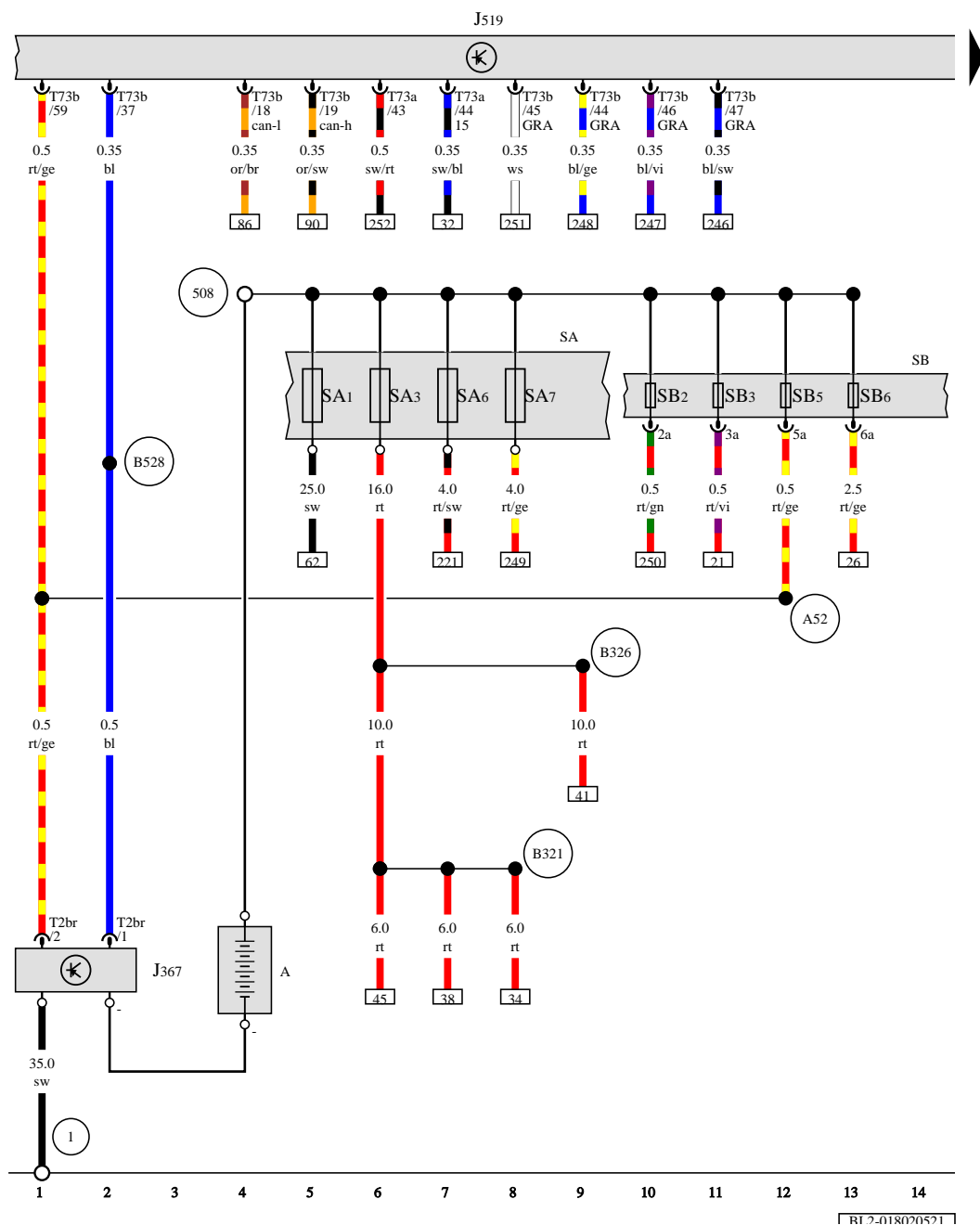


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Electric drive system , EABA

From August 2016

Battery, Battery monitor control unit, Onboard supply control unit, Fuse holder A, Fuse holder B

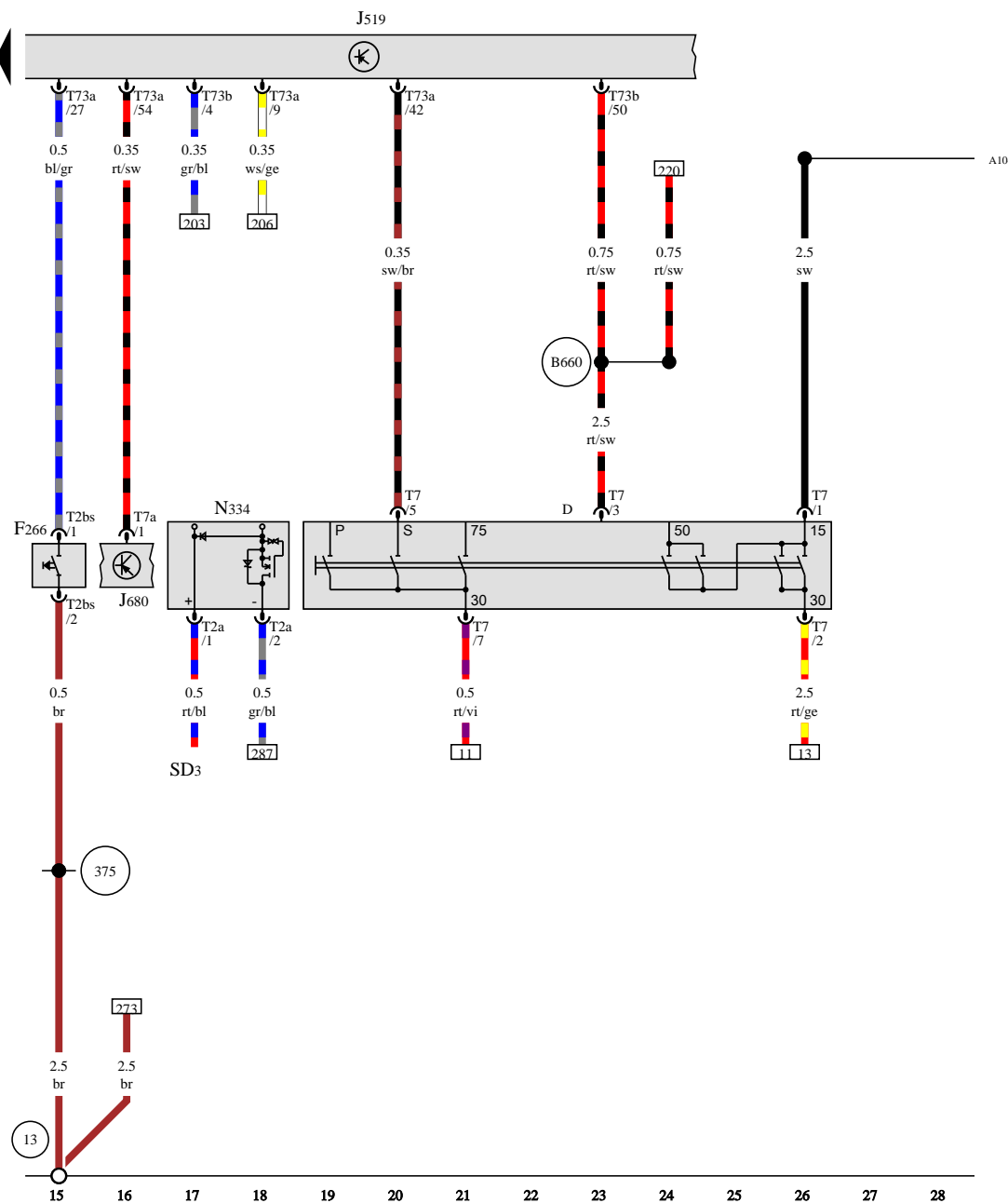


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

- A Battery
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SA3 Fuse 3 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- T2br 2-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- A52 Positive connection 2 (30), in dash panel wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

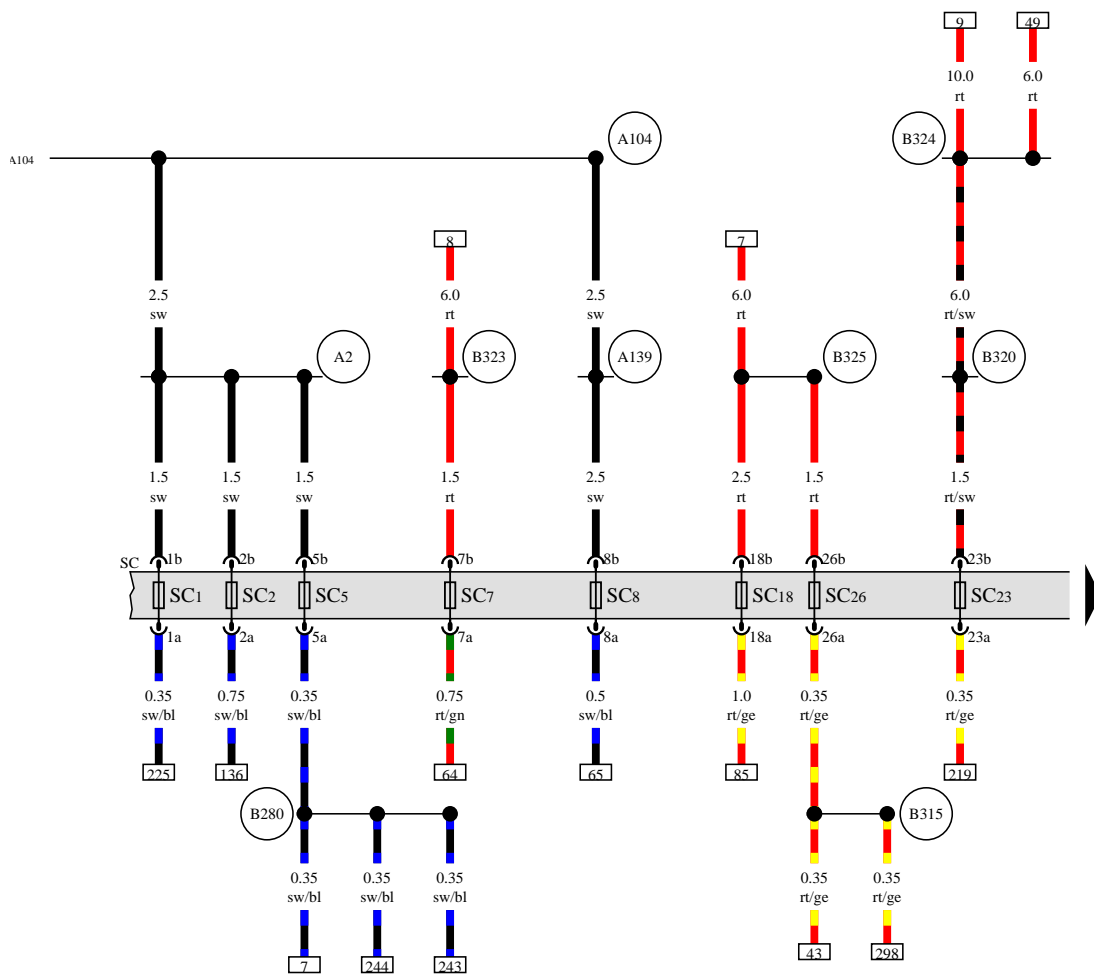
Volkswagen Technical Site: <https://vwts.ru>



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

Ignition/starter switch, Bonnet contact switch, Onboard supply control unit, Ignition key withdrawal lock solenoid valve

- D Ignition/starter switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- N334 Ignition key withdrawal lock solenoid valve
- SD3 Fuse 3 on fuse holder D
- T2a 2-pin connector
- T2bs 2-pin connector
- T7 7-pin connector
- T7a 7-pin connector, black
- T73a 73-pin connector
- T73b 73-pin connector
- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

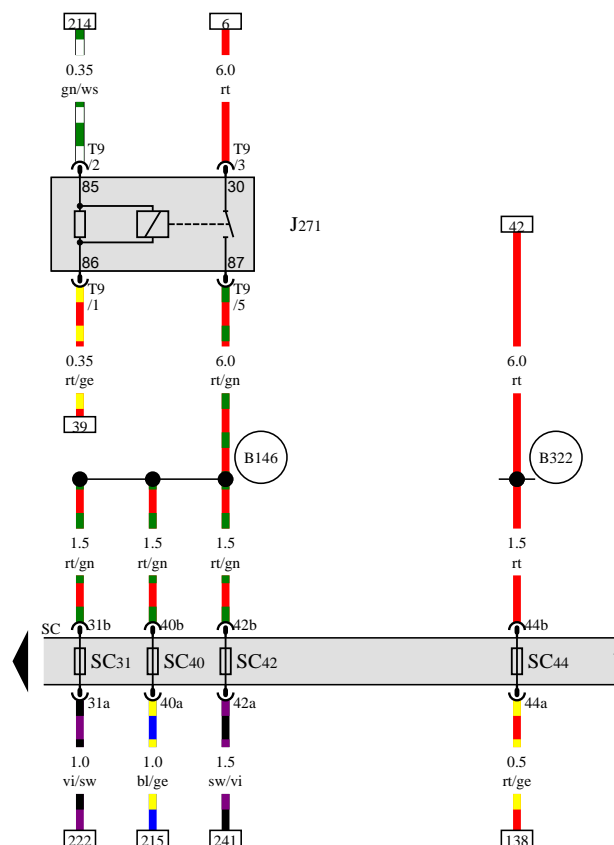


Fuse holder C

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
 SC7 Fuse 7 on fuse holder C
 SC8 Fuse 8 on fuse holder C
 SC18 Fuse 18 on fuse holder C
 SC23 Fuse 23 on fuse holder C
 SC26 Fuse 26 on fuse holder C

A2 Positive connection (15), in dash panel wiring harness
 A104 Positive connection 2 (15), in dash panel wiring harness
 A139 Connection 3 (15) in dash panel wiring harness
 B280 Positive connection 4 (15a) in main wiring harness
 B315 Positive connection 1 (30a) in main wiring harness
 B320 Positive connection 6 (30a) in main wiring harness
 B323 Positive connection 9 (30a) in main wiring harness
 B324 Positive connection 10 (30a) in main wiring harness
 B325 Positive connection 11 (30a) 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



Main relay, Fuse holder C

- J271 Main relay
- SC Fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T9 9-pin connector

B146 Positive connection 1 (87), in interior wiring harness

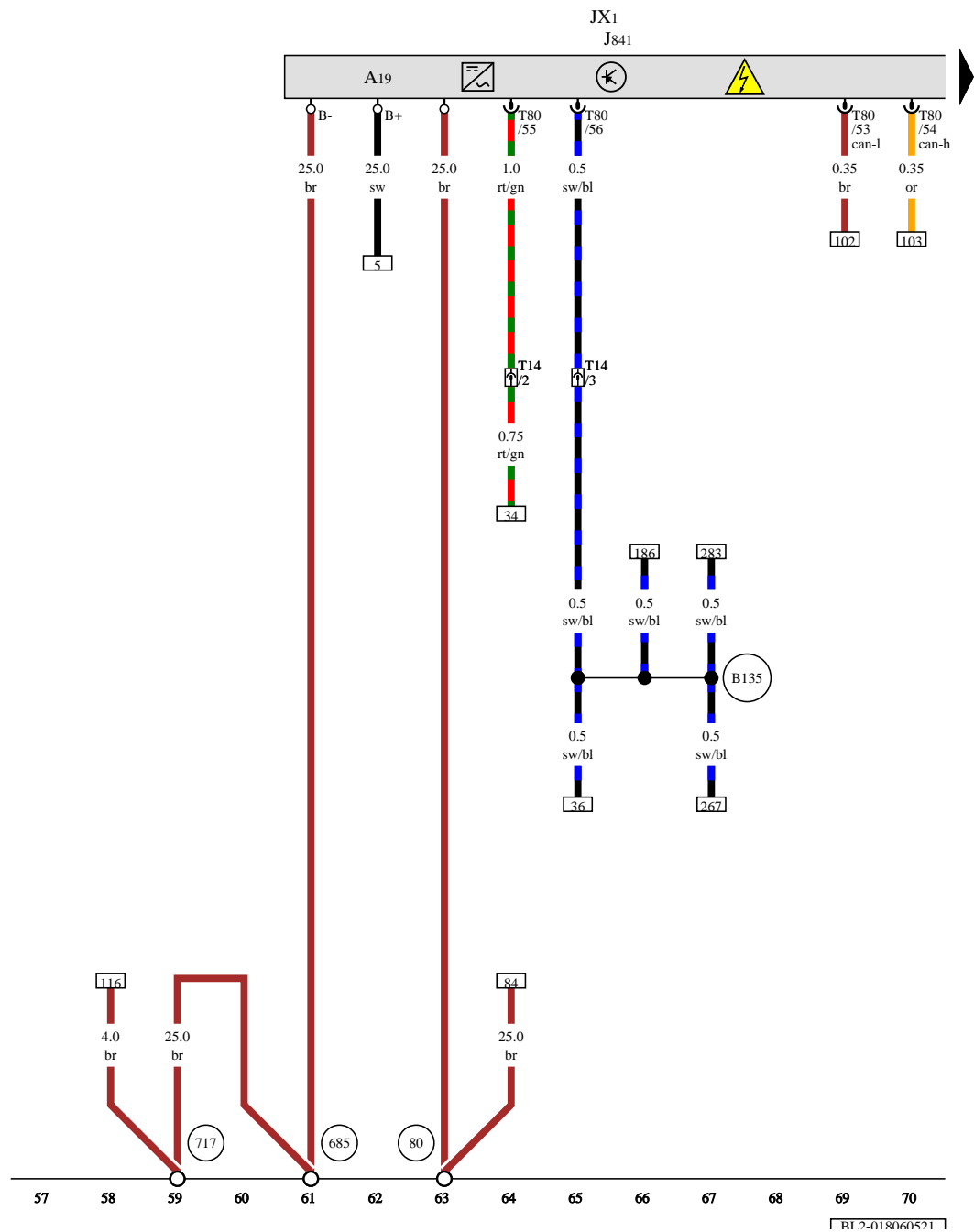
B322 Positive connection 8 (30a) in main wiring harness

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

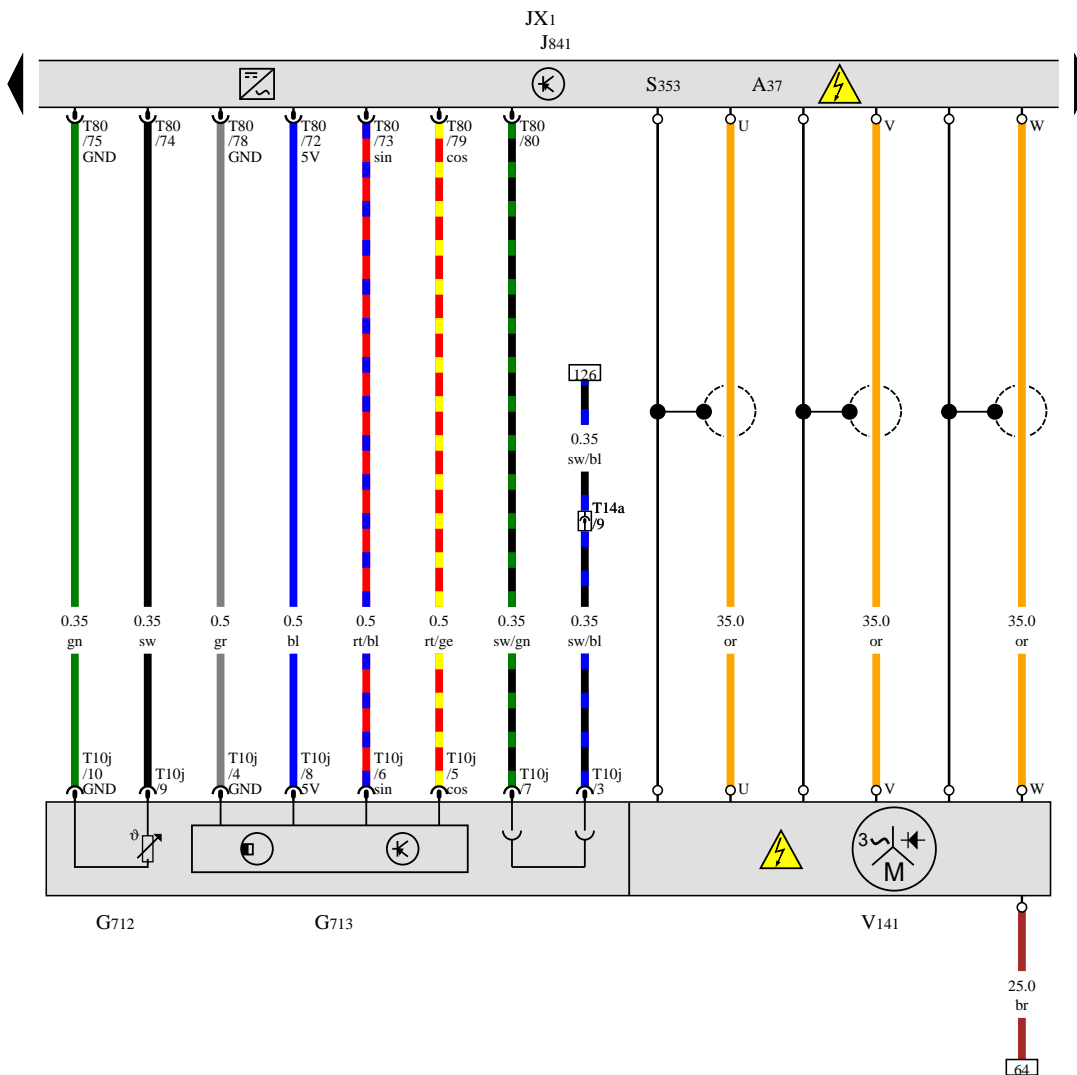
Power and control electronics for electric drive, Electric drive control unit

- A19 Voltage converter
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- T14 14-pin connector
- T80 80-pin connector

- 80 Earth point, on centre of front cross member
- 685 Earth point 1, on front of right longitudinal member
- 717 Earth point on front right of cross member
- B135 Connection 1 (15a), in interior wiring harness



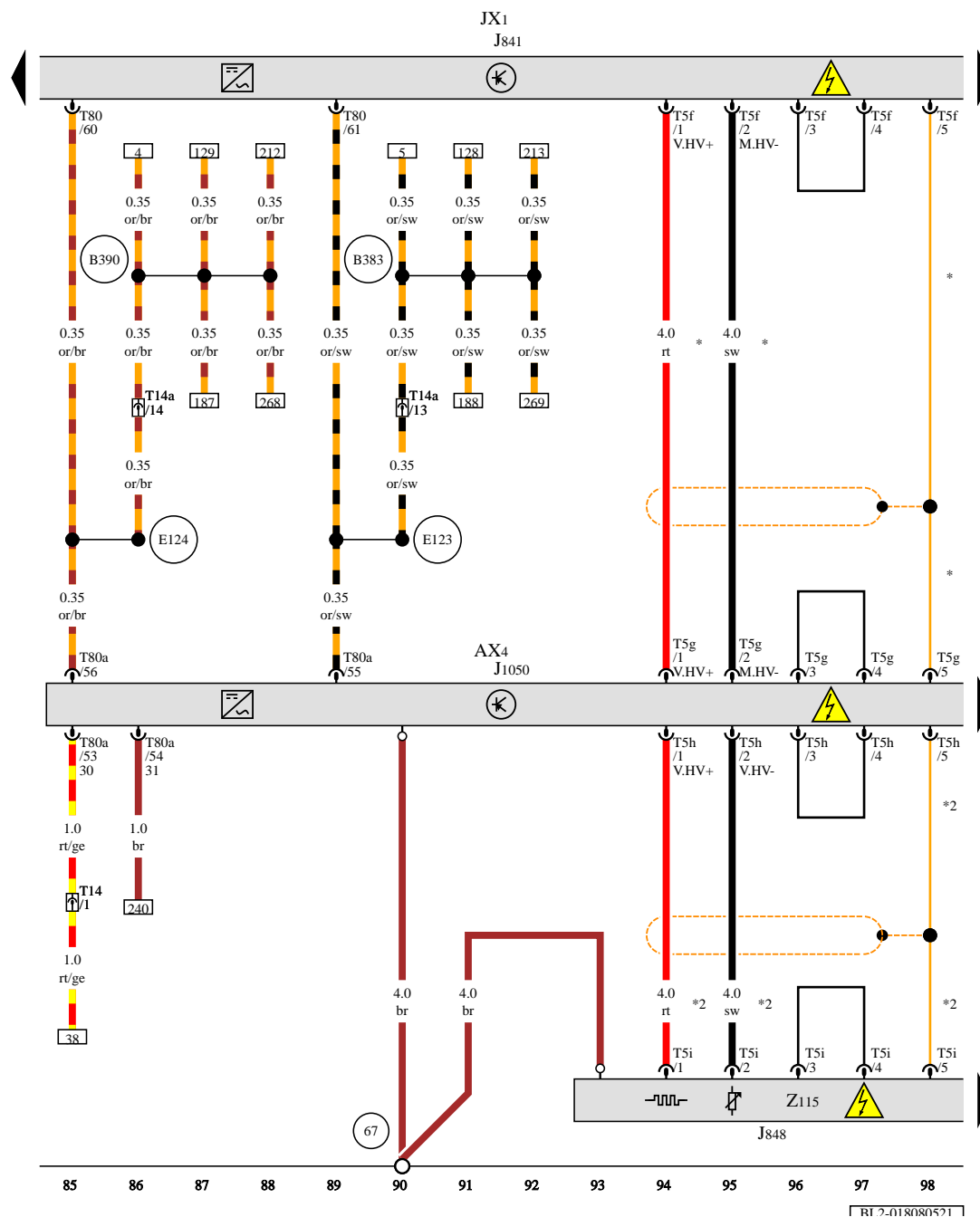
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Power and control electronics for electric drive, Electric drive control unit, Electric drive motor

- A37 DC/AC converter for drive motor
- G712 Drive motor temperature sender
- G713 Drive motor rotor position sender 1
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- S353 High-voltage system fuse 3
- T10j 10-pin connector
- T14a 14-pin connector
- T80 80-pin connector
- V141 Electric drive motor

- 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

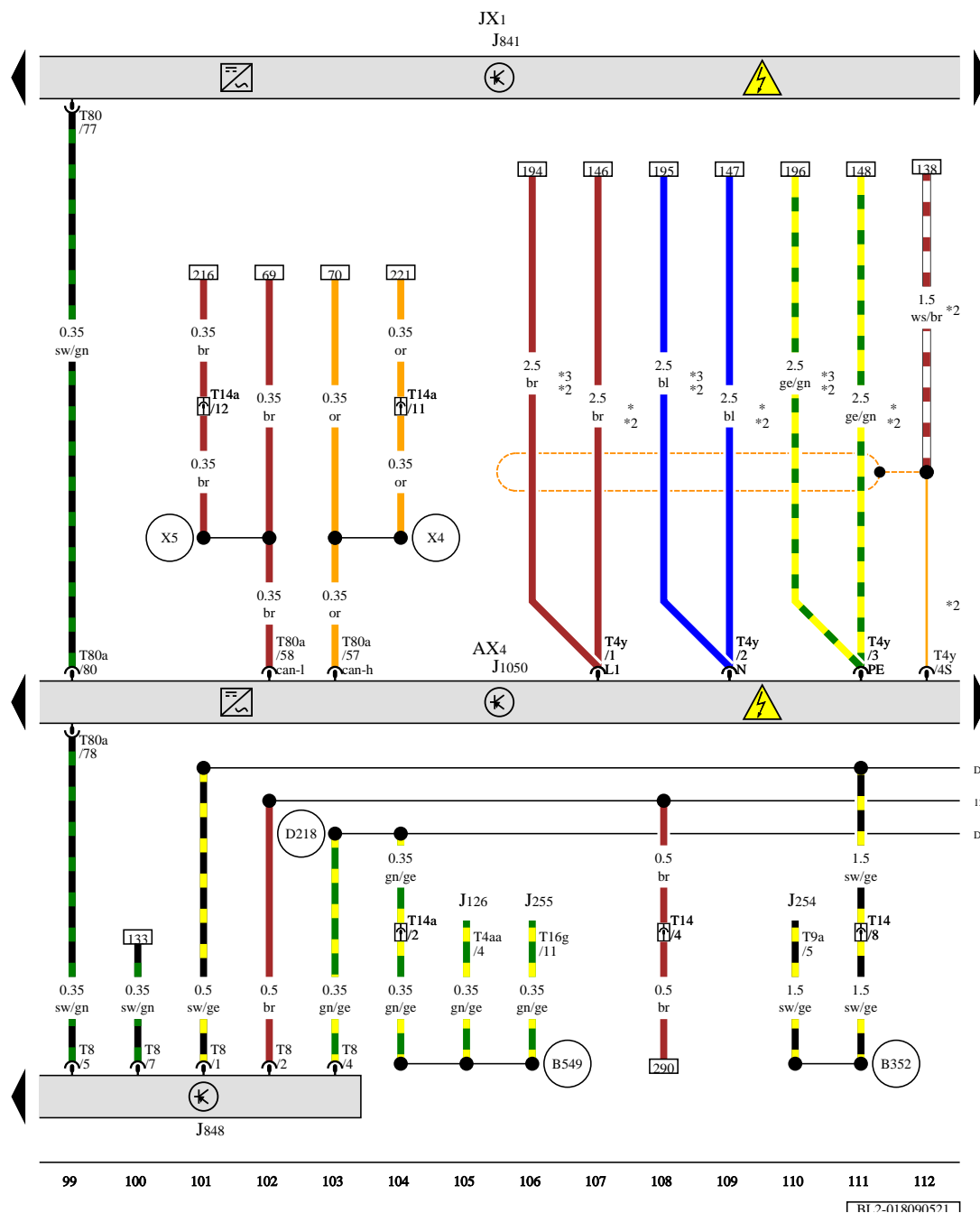


Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T5f 5-pin connector
- T5g 5-pin connector
- T5h 5-pin connector
- T5i 5-pin connector
- T14 14-pin connector
- T14a 14-pin connector
- T80 80-pin connector
- T80a 80-pin connector
- Z115 High-voltage heater (PTC)

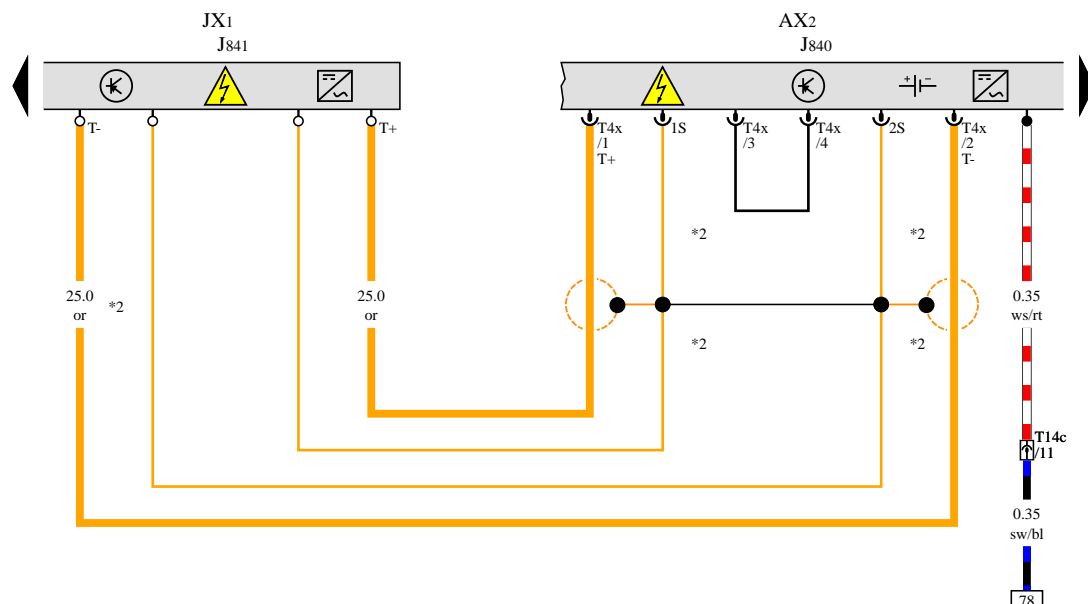
- (67) Earth point, on left of front cross member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * High-voltage wire for charging unit 1/wiring junction (P12)
- *2 High-voltage wire for high-voltage heater (PTC) (P11)

- 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



Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit

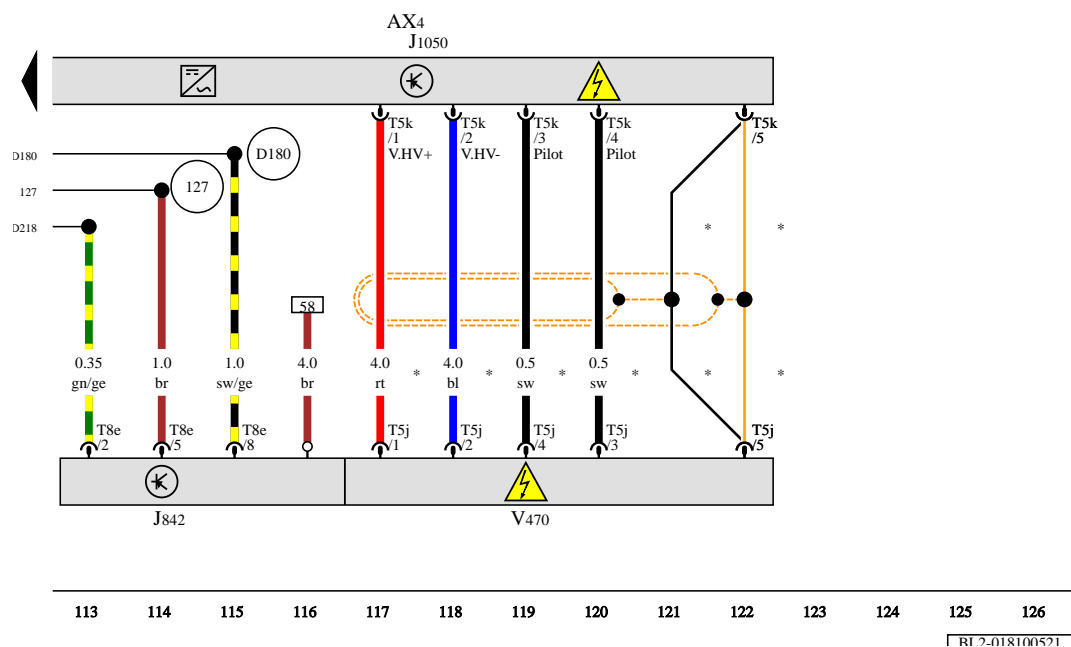
- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J126 Fresh air blower control unit
- J254 Climatronic relay
- J255 Climatronic control unit
- J841 Electric drive control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T4aa 4-pin connector
- T4y 4-pin connector
- T8 8-pin connector
- T9a 9-pin connector
- T14 14-pin connector
- T14a 14-pin connector
- T16g 16-pin connector
- T80 80-pin connector
- T80a 80-pin connector
- 127 Earth connection 1, in air conditioner compressor wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * For models with AC/DC charging socket
- *2 High-voltage wire 1 for high-voltage charge current distributor/high-voltage charging socket (P18)
- *3 For models with AC charging socket



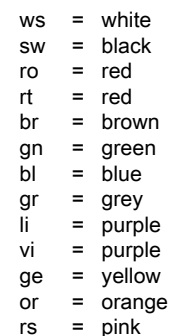
High-voltage battery 1, Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Battery regulation control unit, Electric drive control unit, Control unit for air conditioner compressor, Control unit for high-voltage battery charging unit, Electrical air conditioner compressor

- AX2 High-voltage battery 1
- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J840 Battery regulation control unit
- J841 Electric drive control unit
- J842 Control unit for air conditioner compressor
- J1050 Control unit for high-voltage battery charging unit
- T4x 4-pin connector
- T5j 5-pin connector
- T5k 5-pin connector
- T8e 8-pin connector
- T14c 14-pin connector
- V470 Electrical air conditioner compressor

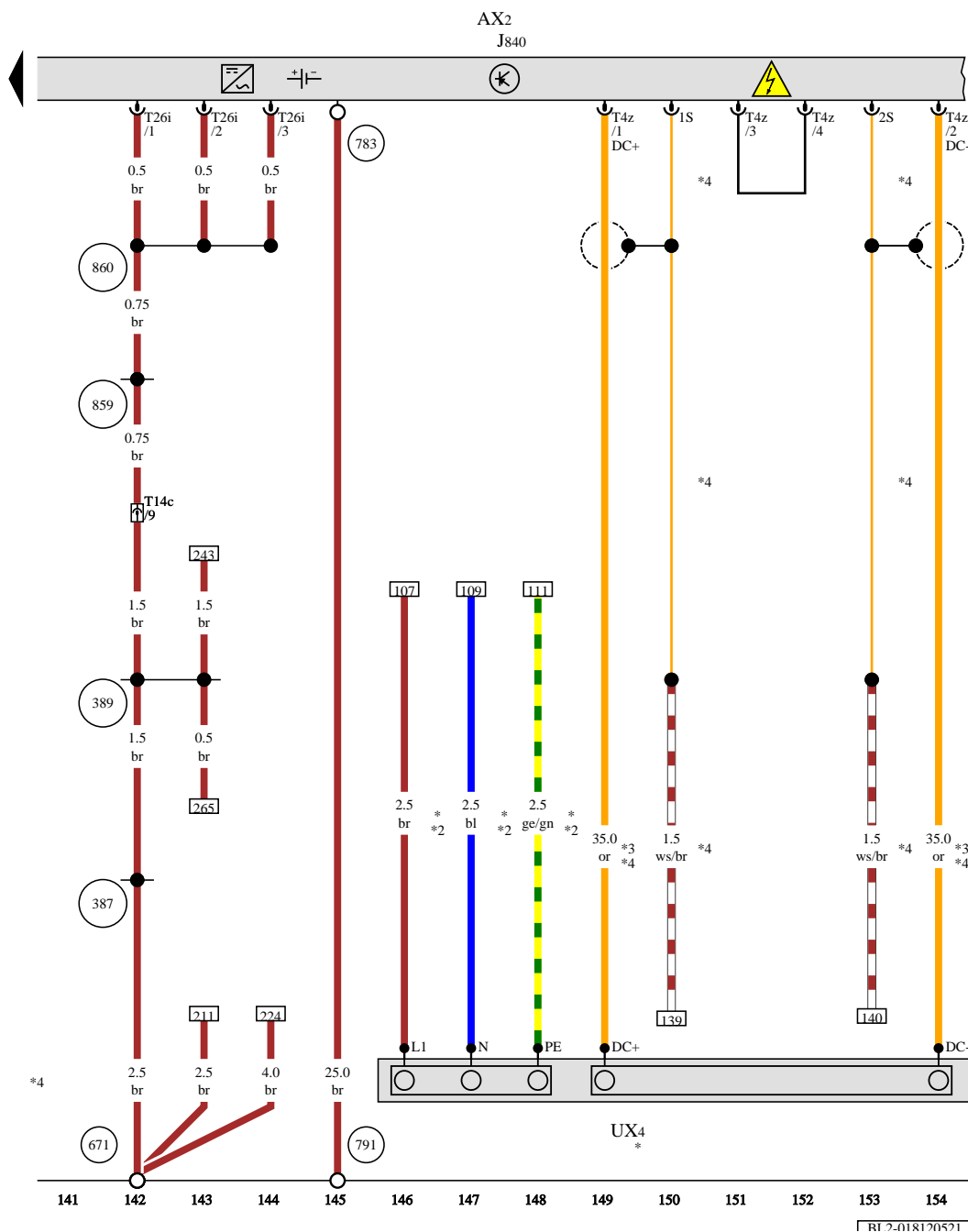
- 127 Earth connection 1, in air conditioner compressor wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * High-voltage wire for electrical air conditioner compressor (P3)
- *2 High-voltage wiring harness for high-voltage battery (PX1)



- 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



AX2	High-voltage battery 1
J234	Airbag control unit
J840	Battery regulation control unit
SD6	Fuse 6 on fuse holder D
T4w	4-pin connector
T14a	14-pin connector
T14c	14-pin connector
T26i	26-pin connector
T50	50-pin connector
TW	Maintenance connector for high-voltage system
730	Earth point 1, on right rear wheel housing
782	Earth point 1, on high-voltage battery
790	Earth point on front left of underbody
B281	Positive connection 5 (15a) in main wiring harness
P5	Positive connection 1, in high-voltage battery wiring harness
P6	Positive connection 2, in high-voltage battery wiring harness
*	High-voltage wire for high-voltage battery charging (P52)
*2	High-voltage wire 1 for high-voltage charge current distributor/ high-voltage charging socket (P18)



High-voltage battery 1, Battery regulation control unit, High-voltage battery charging socket 1

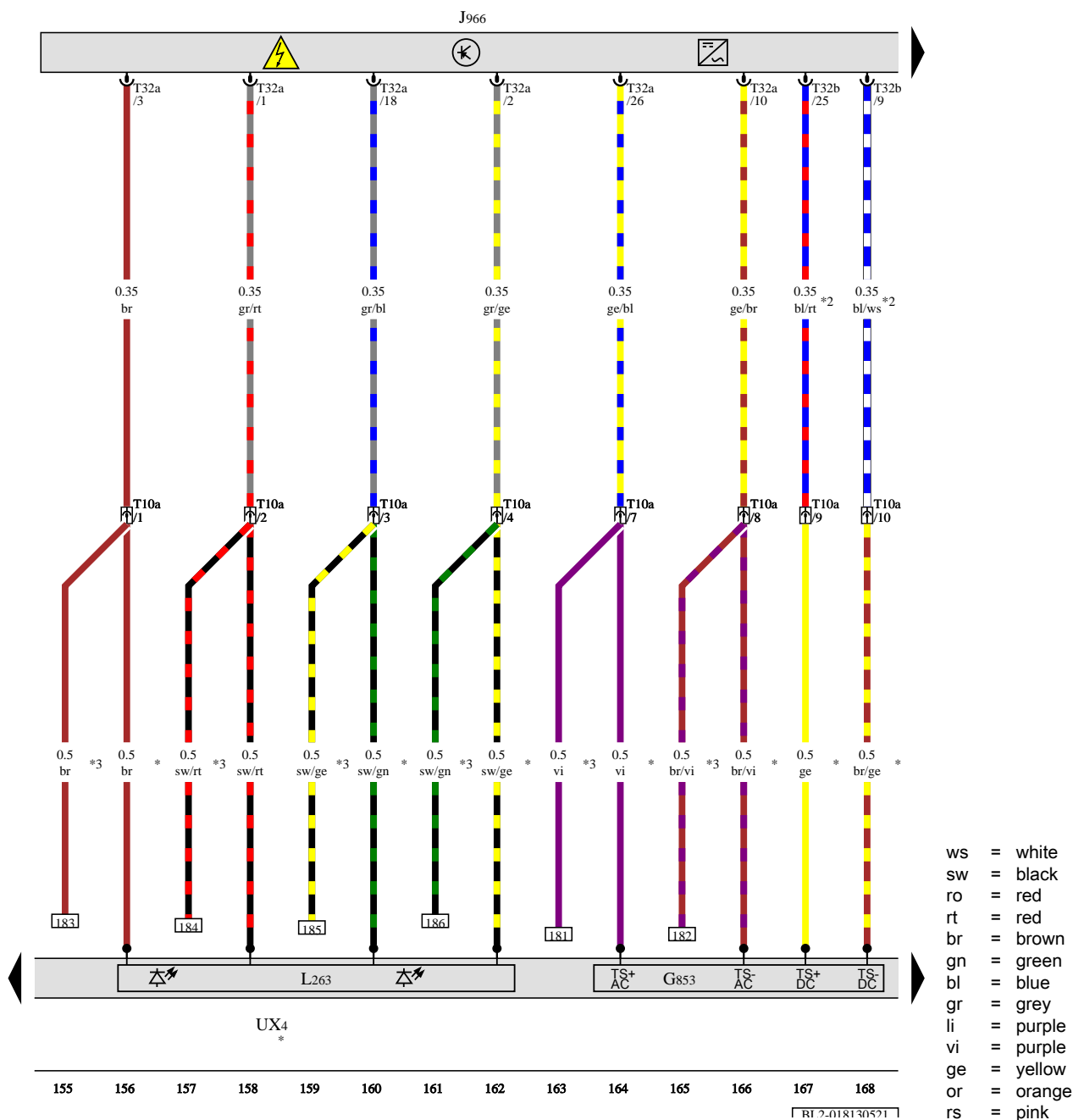
AX2 High-voltage battery 1
J840 Battery regulation control unit
T4z 4-pin connector
T14c 14-pin connector
T26i 26-pin connector
UX4 High-voltage battery charging socket 1

- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 783 Earth point 2, on high-voltage battery
- 791 Earth point, on rear right of underbody
- 859 Earth connection 1, in high-voltage battery wiring harness
- 860 Earth connection 2, in high-voltage battery wiring harness

* For models with AC/DC charging socket
*2 High-voltage wire 1 for high-voltage charge current distributor/
high-voltage charging socket (P18)
*3 For models with combined AC and DC charging system
*4 High-voltage wire for high-voltage battery charging (P52)

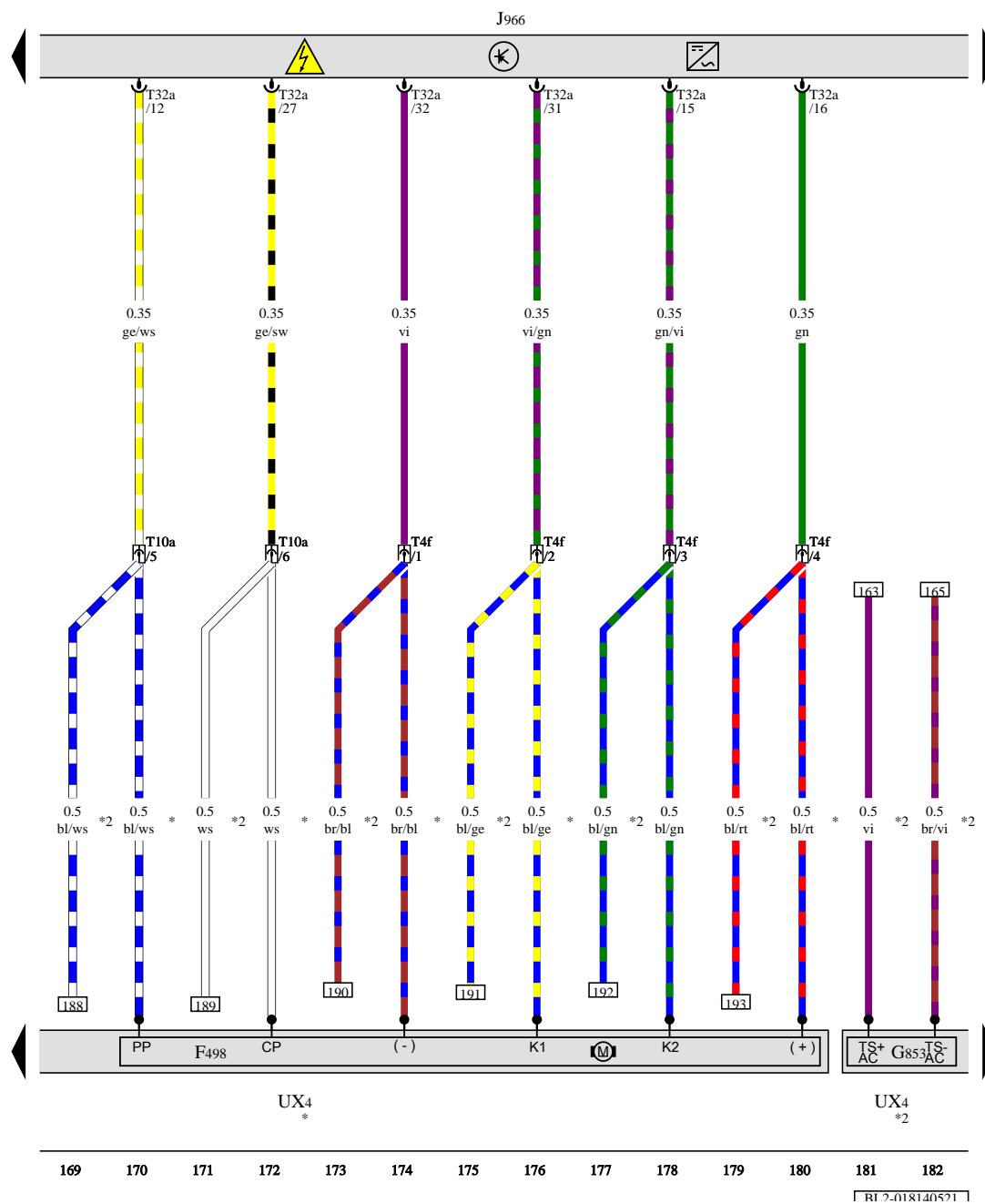
Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- L263 LED module for charging socket 1
- T10a 10-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- UX4 High-voltage battery charging socket 1
- * For models with AC/DC charging socket
- *2 For models with combined AC and DC charging system
- *3 For models with AC charging socket



Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

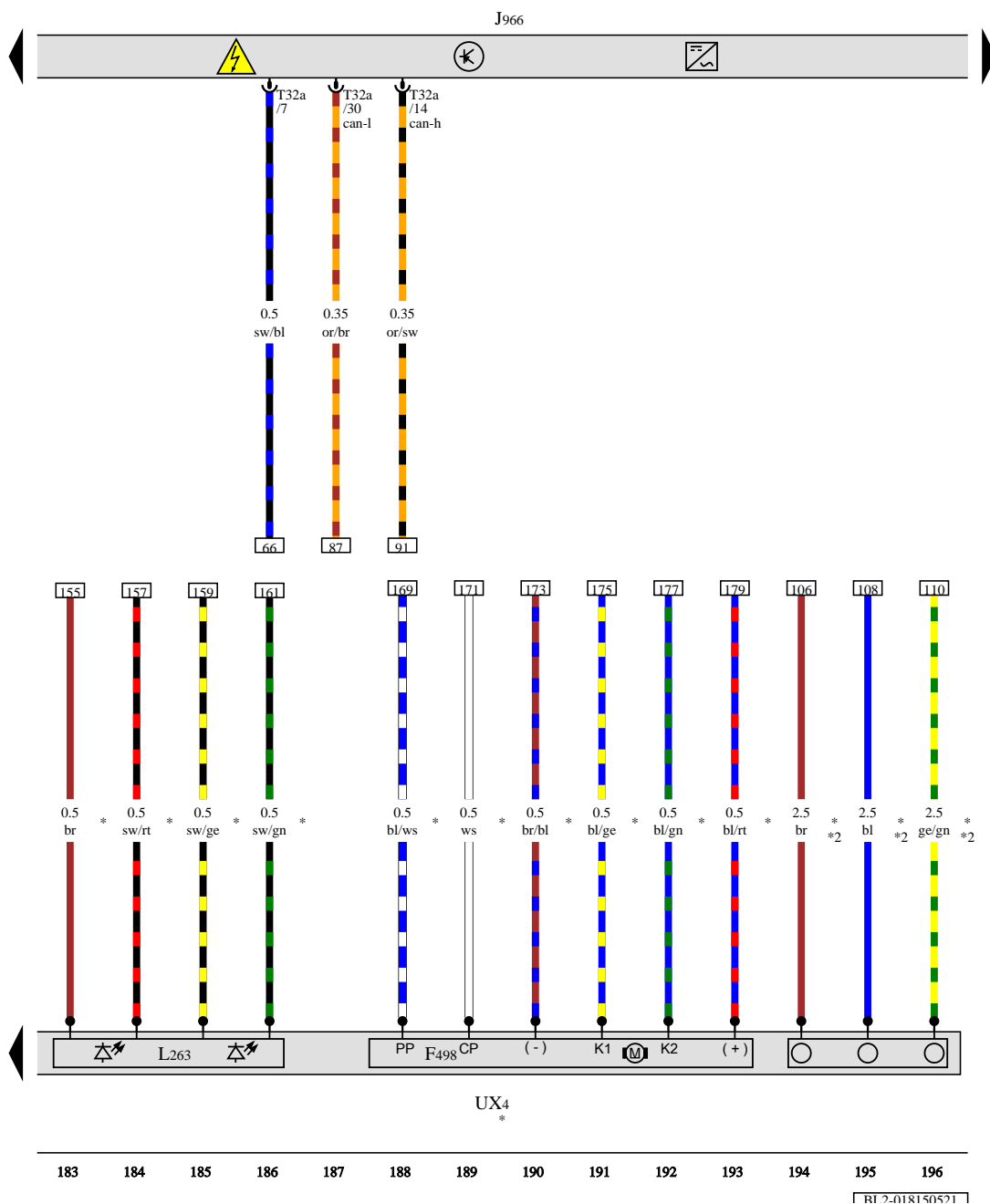
- F498 Actuator for high-voltage charging socket lock 1
- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- T4f 4-pin connector
- T10a 10-pin connector
- T32a 32-pin connector
- UX4 High-voltage battery charging socket 1
- * For models with AC/DC charging socket
- *2 For models with AC charging socket

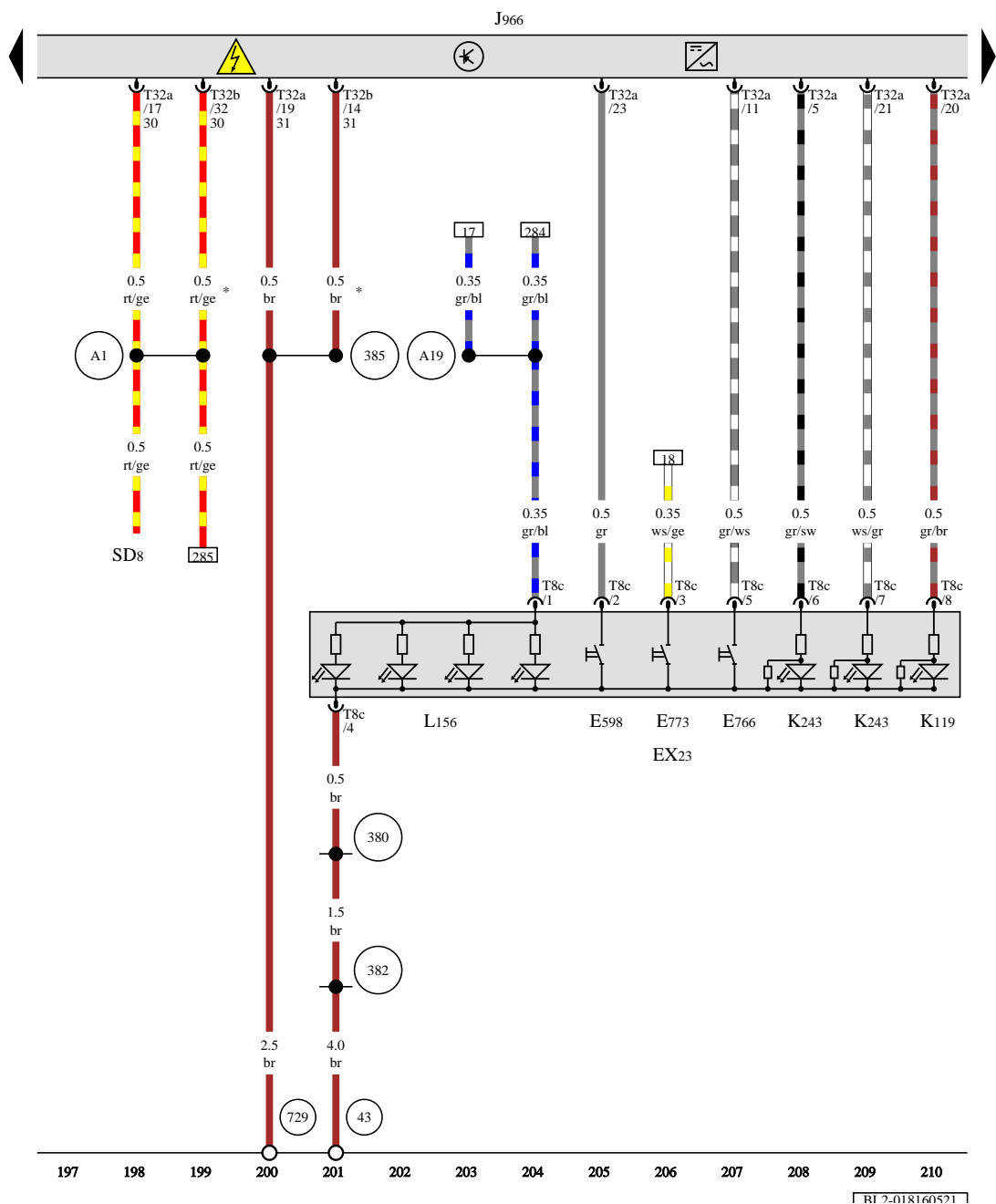


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- F498 Actuator for high-voltage charging socket lock 1
- J966 Charge voltage control unit for high-voltage battery
- L263 LED module for charging socket 1
- T32a 32-pin connector
- UX4 High-voltage battery charging socket 1
- * For models with AC charging socket
- *2 High-voltage wire 1 for high-voltage charge current distributor/ high-voltage charging socket (P18)

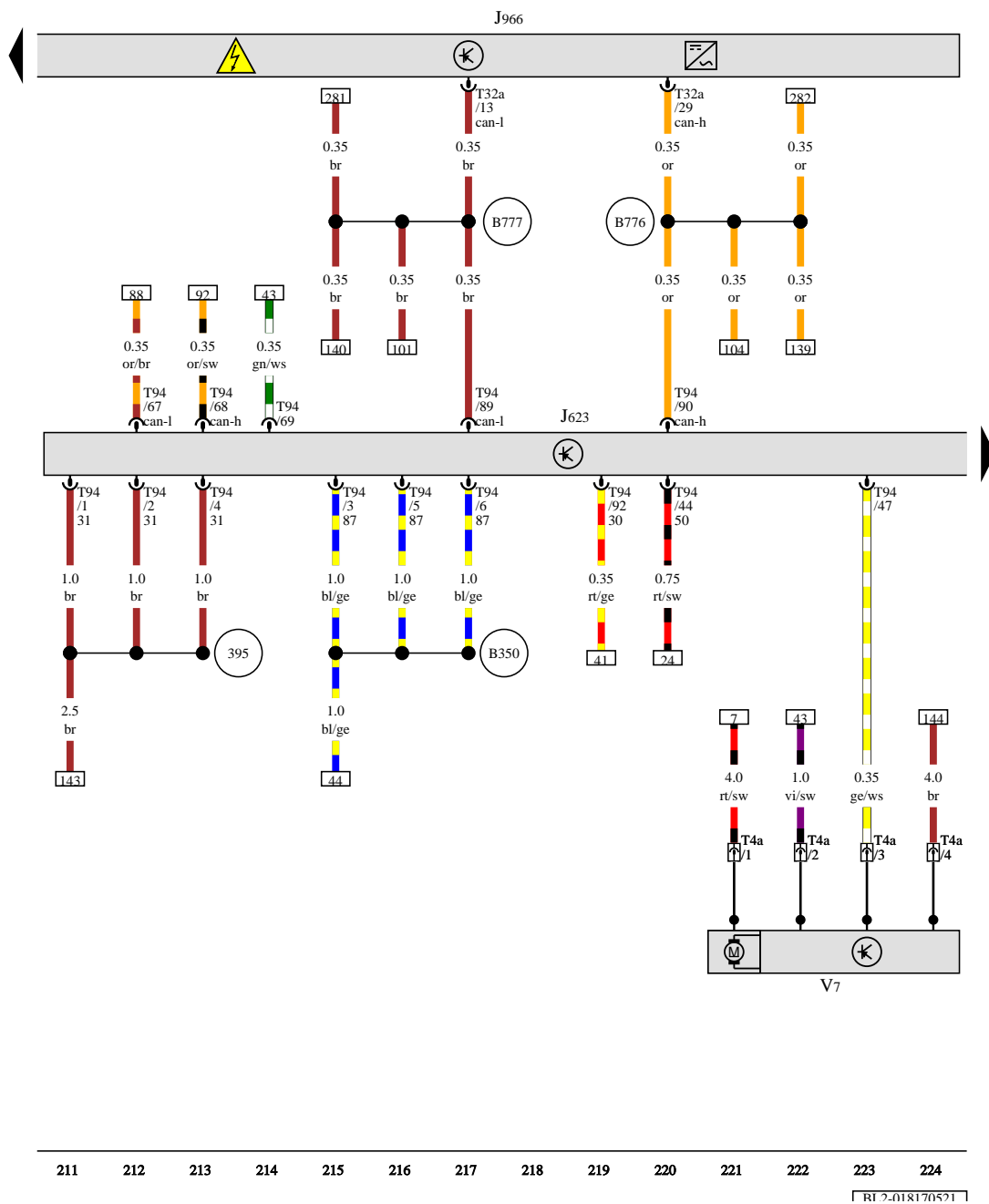




Switch module 1 in centre console, Charge voltage control unit for high-voltage battery

- EX23 Switch module 1 in centre console
- E598 Driving program button
- E766 Immediate charge button
- E773 Button for emergency braking function
- J966 Charge voltage control unit for high-voltage battery
- K119 Charge air monitor warning lamp
- K243 Driving program warning light
- L156 Switch illumination bulb
- SD8 Fuse 8 on fuse holder D
- T8c 8-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- A1 Positive connection (30a), in dash panel wiring harness
- A19 Connection (58d), in dash panel wiring harness
- * For models with combined AC and DC charging 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



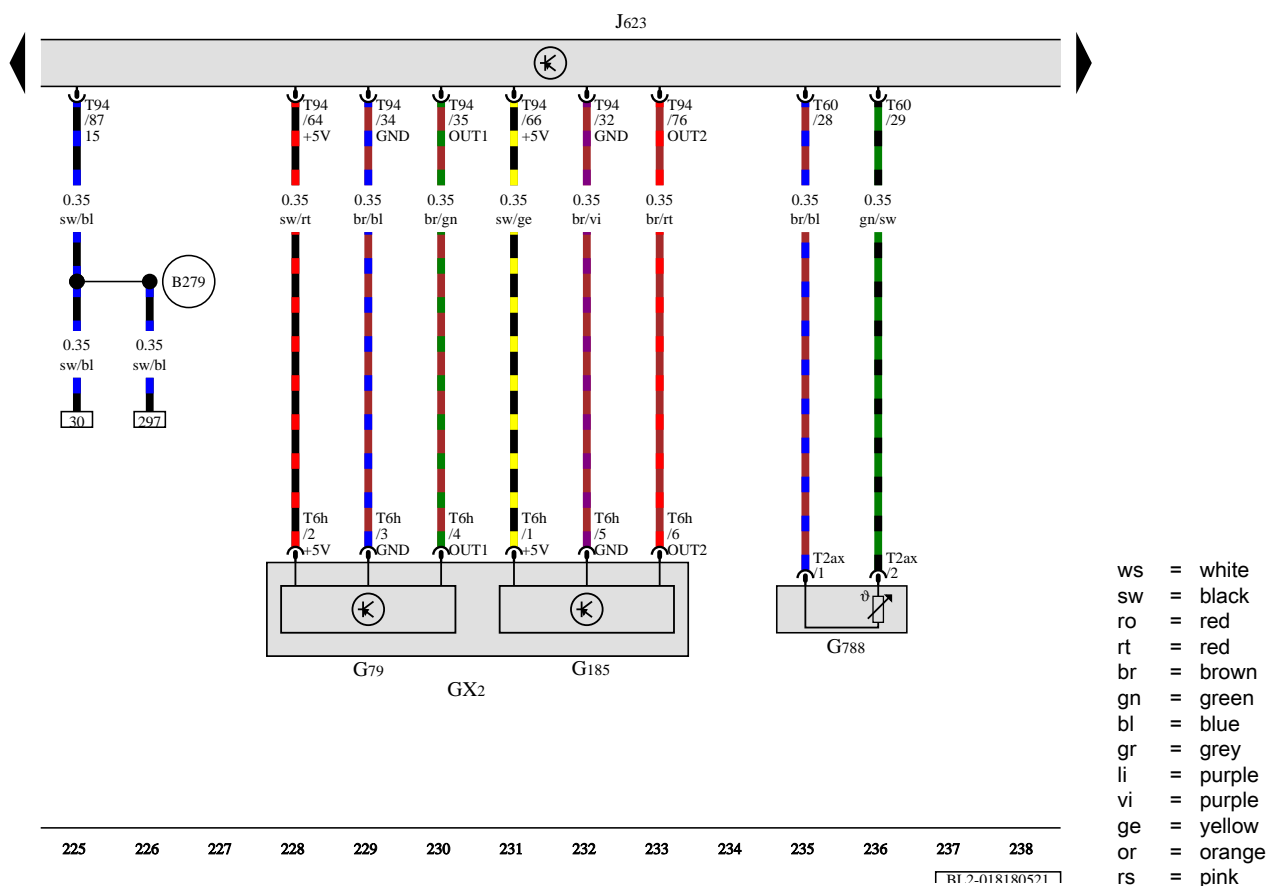
Engine/motor control unit, Charge voltage control unit for high-voltage battery, Radiator fan

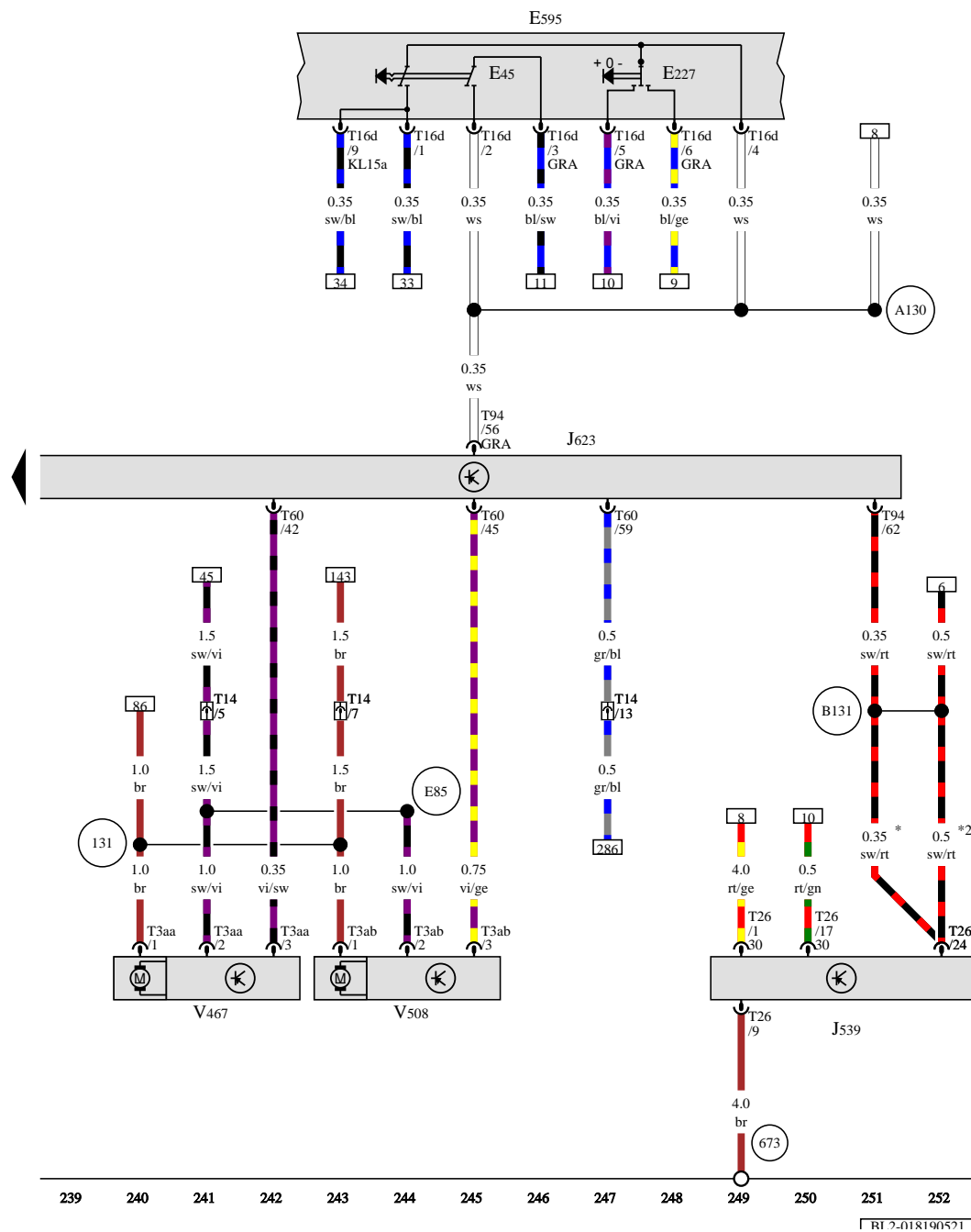
- J623 Engine/motor control unit
- J966 Charge voltage control unit for high-voltage battery
- T4a 4-pin connector
- T32a 32-pin connector
- T94 94-pin connector
- V7 Radiator fan
- 395 Earth connection 30, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness

Accelerator pedal module, Temperature sender after electric drive motor, Engine/motor control unit

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G788 Temperature sender after electric drive motor
- J623 Engine/motor control unit
- T2ax 2-pin connector
- T6h 6-pin connector
- T60 60-pin connector
- T94 94-pin connector

(B279) Positive connection 3 (15a) in main wiring harness





Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Brake servo control unit, Engine/motor control unit, Coolant pump for high-temperature circuit, Coolant circulation pump before power and control electronics for electric drive

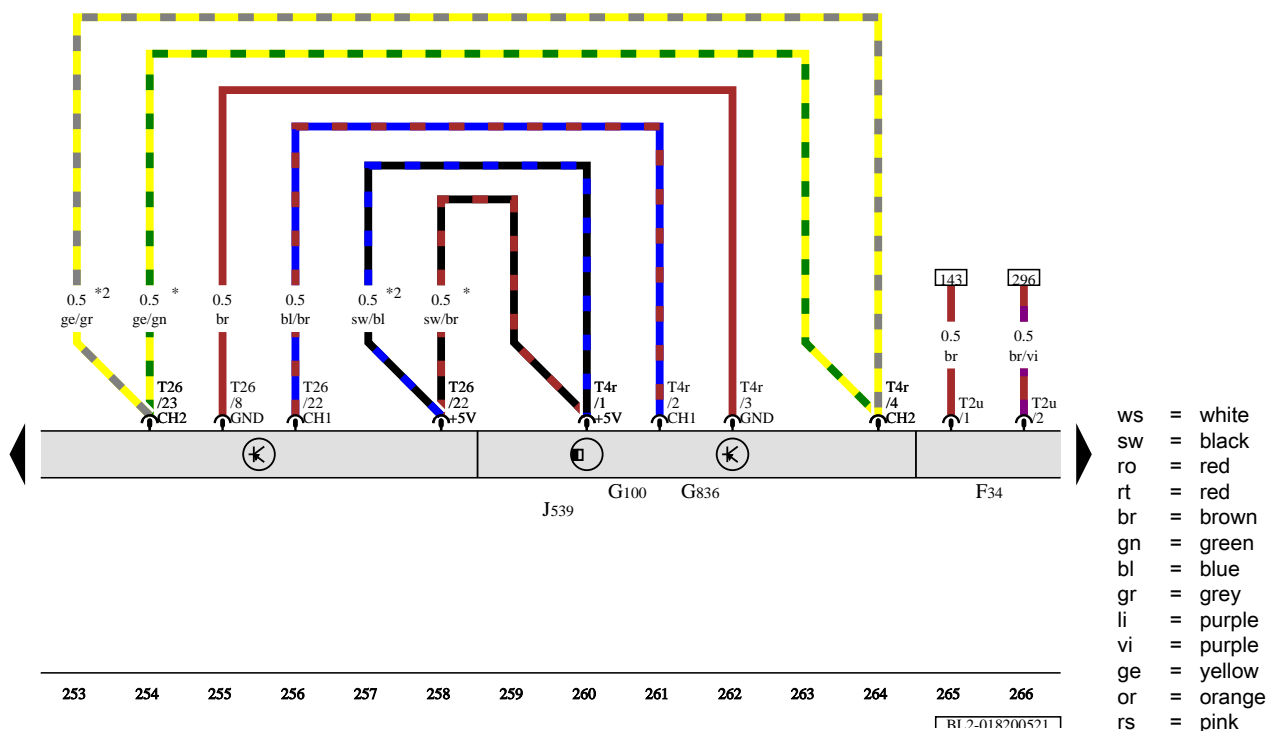
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- J539 Brake servo control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector
- T3ab 3-pin connector
- T14 14-pin connector
- T16d 16-pin connector
- T26 26-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

- 131 Earth connection 2, in engine compartment wiring harness
- 673 Earth point 3, on front of left longitudinal member
- A130 Connection (CCS), in dash panel wiring harness
- B131 Connection (54), in interior wiring harness
- E85 Connection 9 (87a) in engine wiring harness

* Up to November 2016
*2 From November 2016

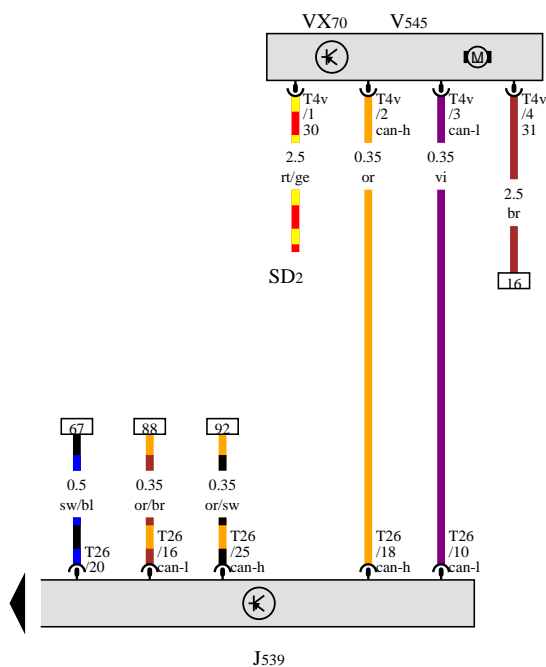
Brake fluid level warning contact, Brake pedal position sender, Brake servo control unit

- F34 Brake fluid level warning contact
- G100 Brake pedal position sender
- G836 Brake pedal position sender 2
- J539 Brake servo control unit
- T2u 2-pin connector
- T4r 4-pin connector
- T26 26-pin connector
- * Up to November 2016
- *2 From November 2016



Brake servo control unit, Brake system pressure accumulator

- J539 Brake servo control unit
- SD2 Fuse 2 on fuse holder D
- T4v 4-pin connector
- T26 26-pin connector
- VX70 Brake system pressure accumulator
- V545 Motor in brake pressure accumulator for energy recovery



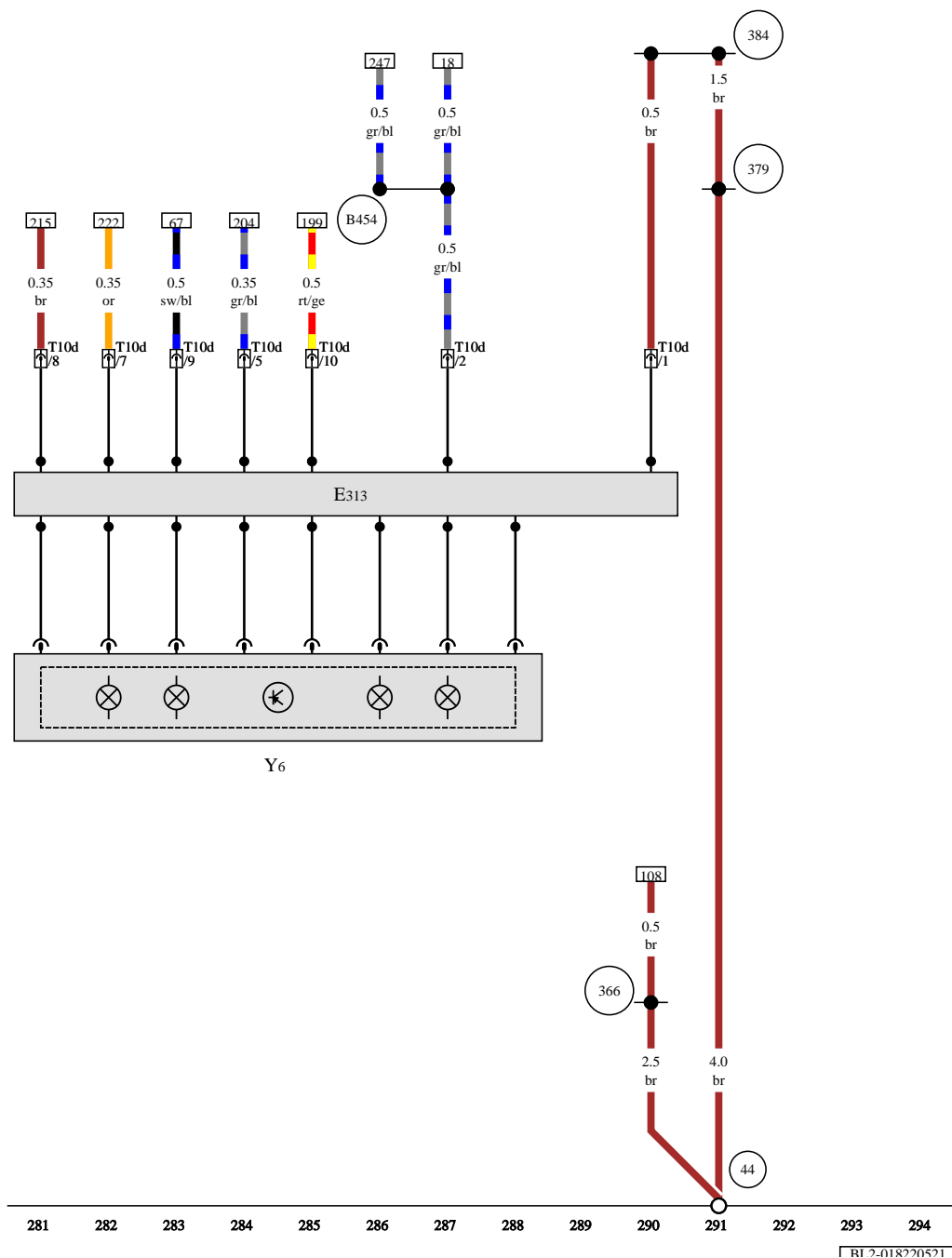
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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

[RI 2-018210521]

Selector lever, Selector lever position display

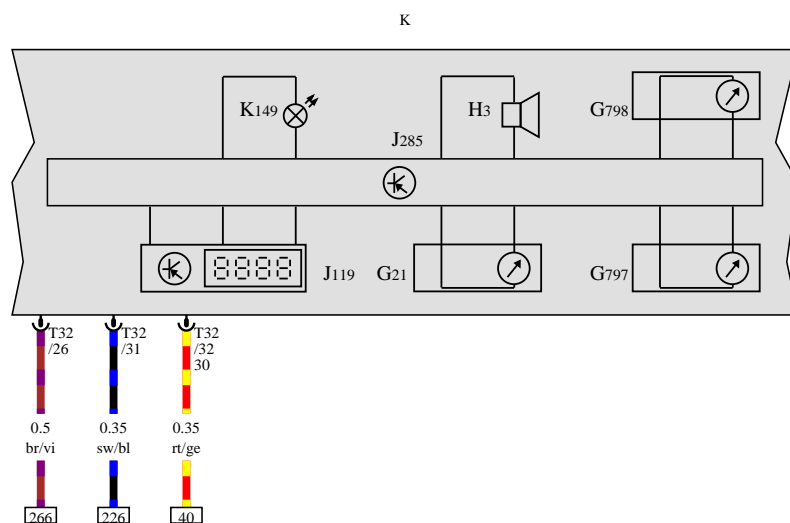
- E313 Selector lever
- T10d 10-pin connector
- Y6 Selector lever position display
- 44 Earth point, lower part of left A-pillar
- 366 Earth connection 1, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- B454 Connection (shift lock), 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

Speedometer, Charge level display, Operating range display, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

- G21 Speedometer
- G797 Charge level display
- G798 Operating range display
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K149 Engine electronics warning lamp
- T32 32-pin connector



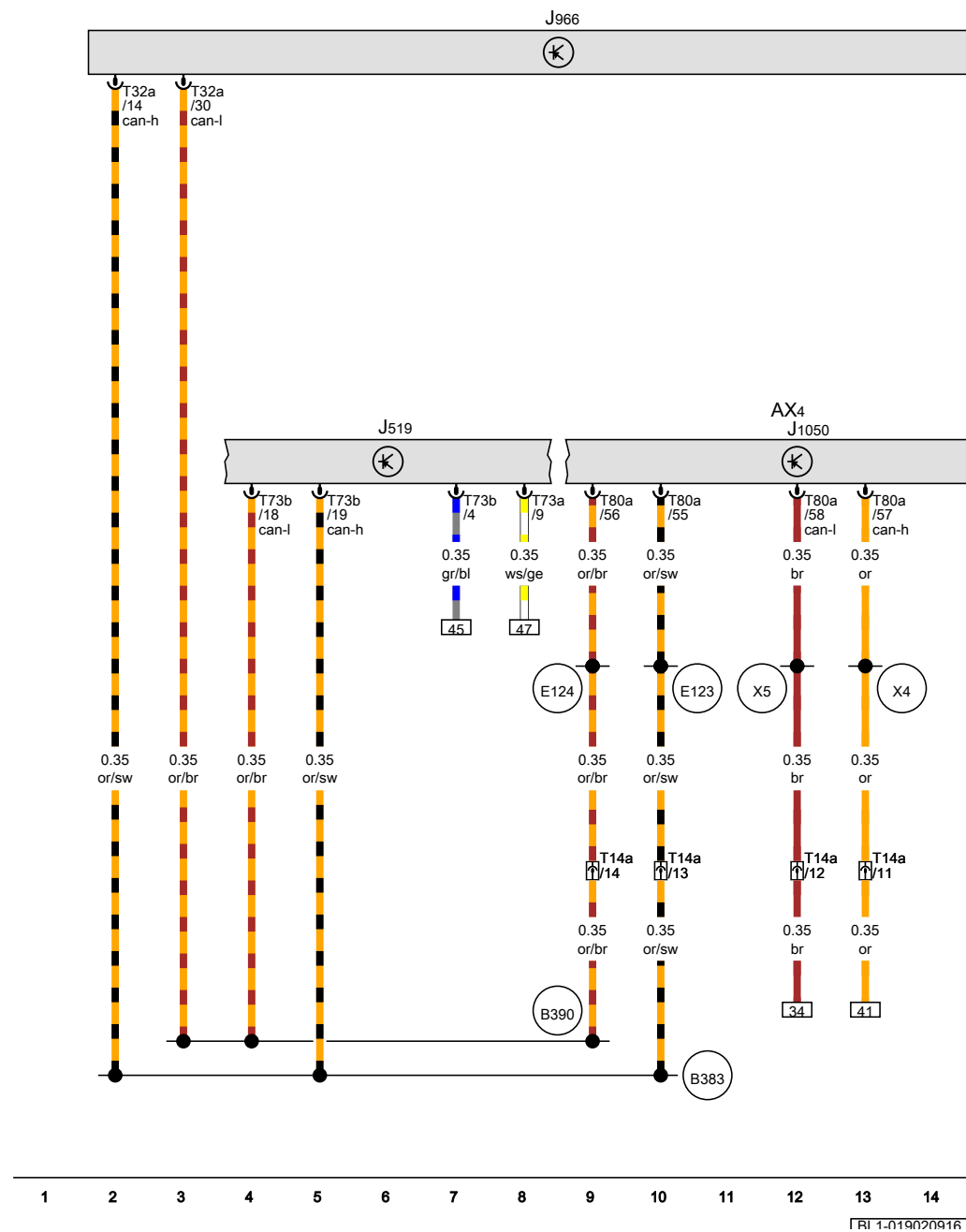
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

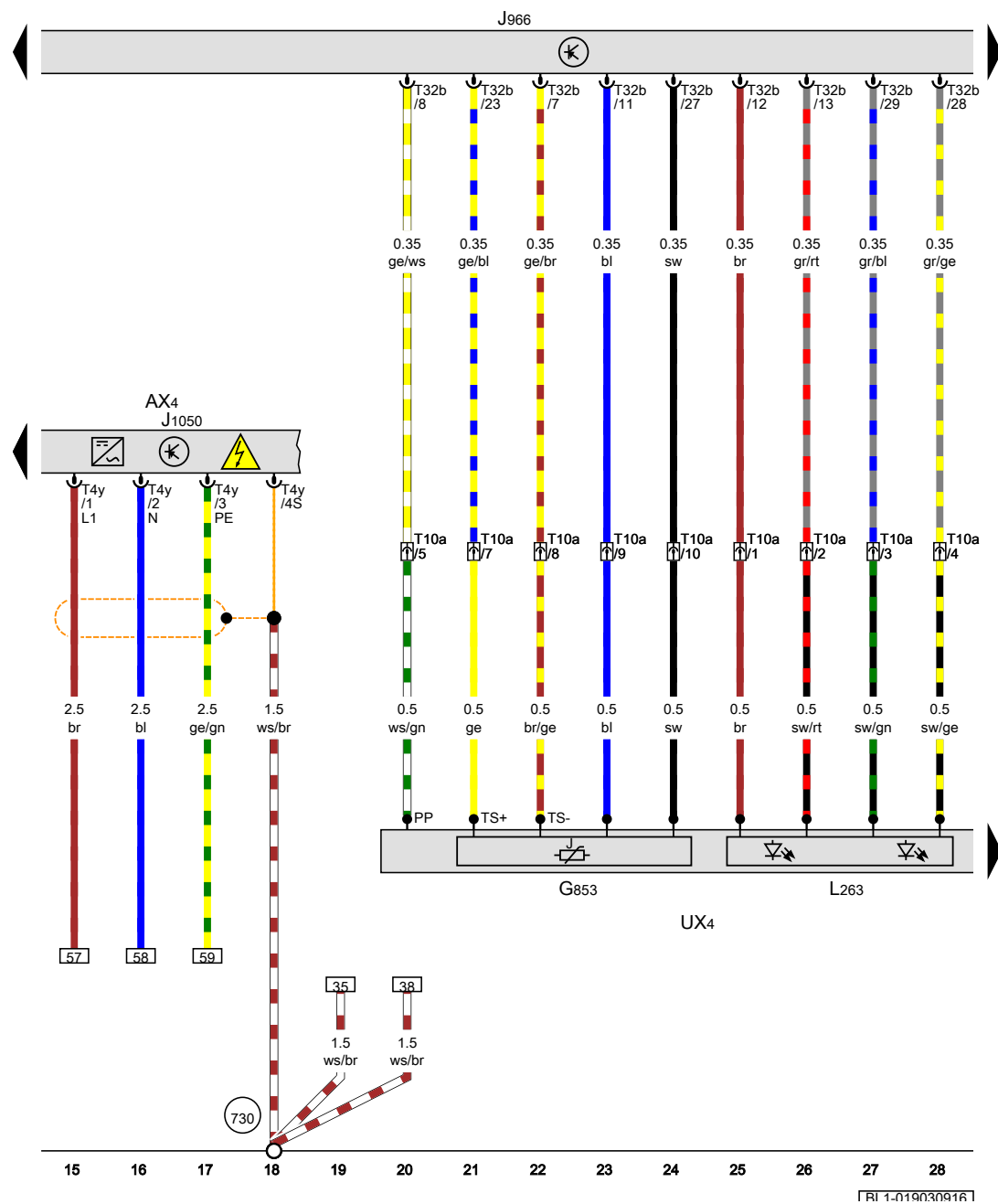
Charging sockets for high-voltage system, Japan only

From May 2014

Charging unit 1 for high-voltage battery, Charge voltage control unit for high-voltage battery

- AX4 Charging unit 1 for high-voltage battery
- J519 Onboard supply control unit
- J966 Charge voltage control unit for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- T14a 14-pin connector
- T32a 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- T80a 80-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness

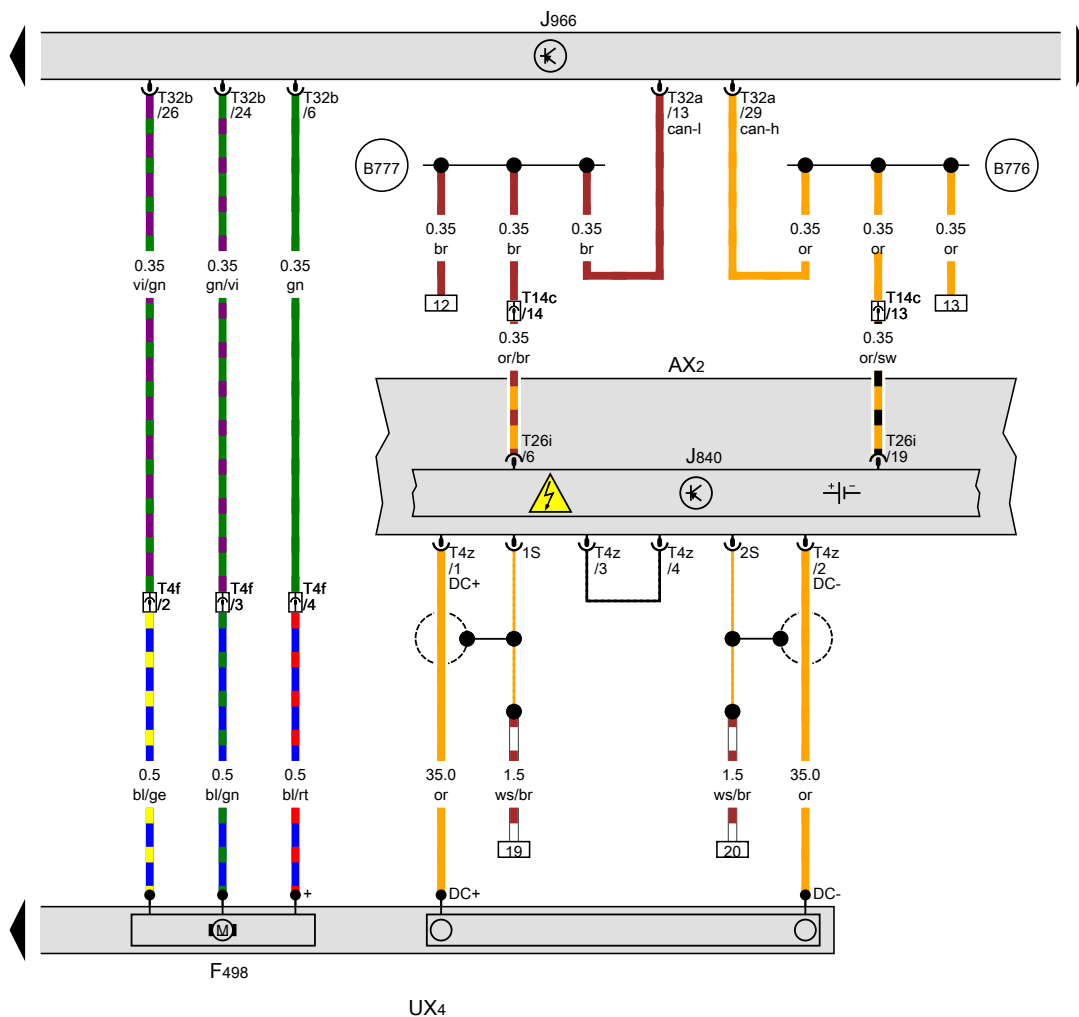




Charging unit 1 for high-voltage battery, Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- AX4 Charging unit 1 for high-voltage battery
- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- L263 LED module for charging socket 1
- T4y 4-pin connector
- T10a 10-pin connector
- T32b 32-pin connector
- UX4 High-voltage battery charging socket 1, in rear right wheel housing

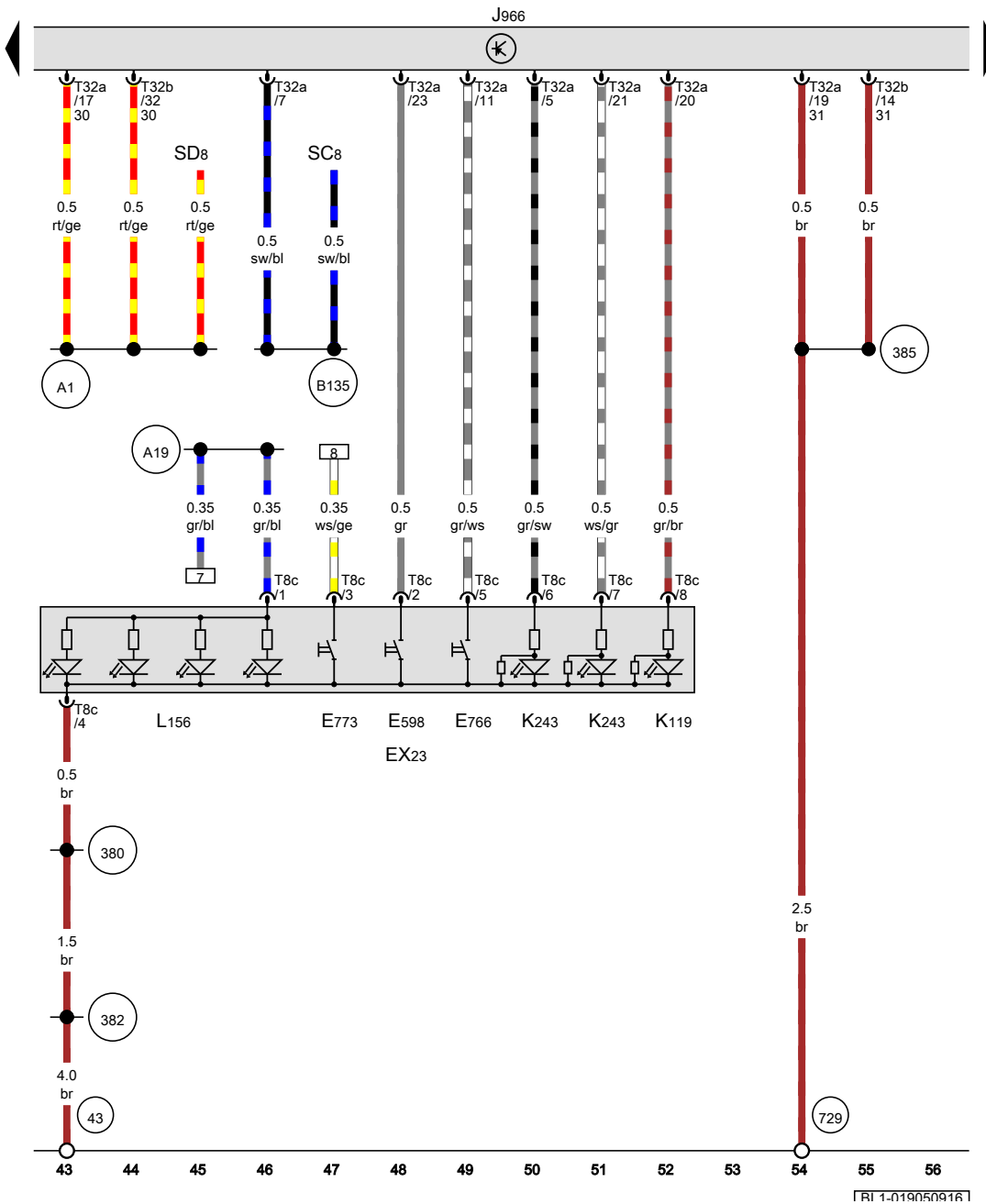
730 Earth point 1, on right rear wheel housing



Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- AX2 High-voltage battery 1
- F498 Actuator for high-voltage charging socket lock 1
- J840 Battery regulation control unit
- J966 Charge voltage control unit for high-voltage battery
- T4f 4-pin connector
- T4z 4-pin connector
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- UX4 High-voltage battery charging socket 1, in rear right wheel housing
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid 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



Switch module 1 in centre console, Charge voltage control unit for high-voltage battery

- EX23 Switch module 1 in centre console
- E598 Driving program button
- E766 Immediate charge button
- E773 Button for emergency braking function
- J966 Charge voltage control unit for high-voltage battery
- K119 Charge air monitor warning lamp
- K243 Driving program warning light
- L156 Switch illumination bulb
- SD8 Fuse 8 on fuse holder D
- SC8 Fuse 8 on fuse holder C
- T8c 8-pin connector
- T32a 32-pin connector
- T32b 32-pin connector

- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- A1 Positive connection (30a), in dash panel wiring harness
- A19 Connection (58d), in dash panel wiring harness
- B135 Connection 1 (15a), in interior wiring harness

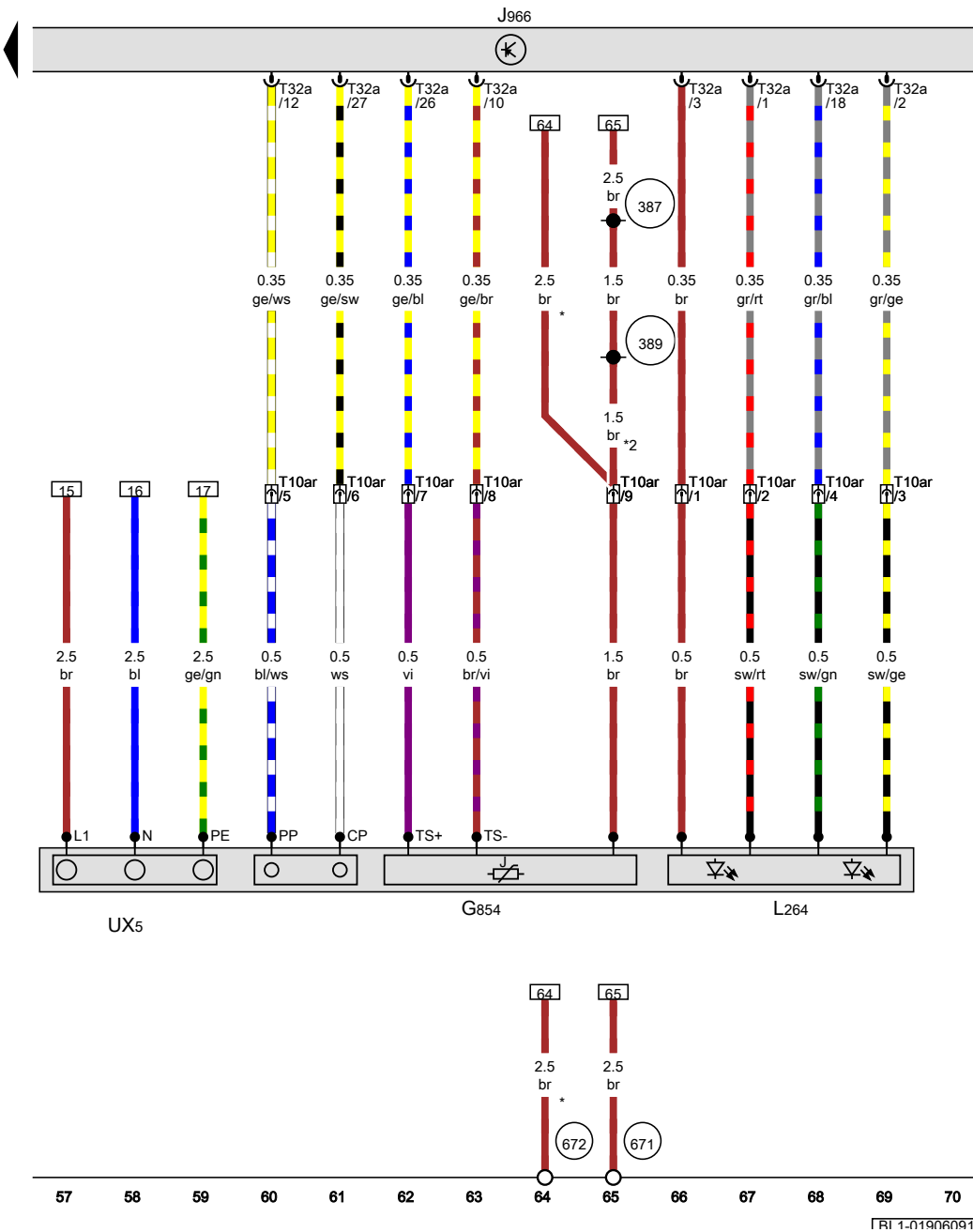
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charge voltage control unit for high-voltage battery

- G854 Temperature sender for charging socket 2
 J966 Charge voltage control unit for high-voltage battery
 L264 LED module for charging socket 2
 T10ar 10-pin connector
 T32a 32-pin connector
 UX5 High-voltage battery charging socket 2, in middle of engine compartment

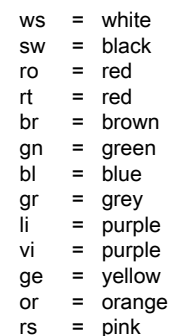
- 387 Earth connection 22, in main wiring harness
 389 Earth connection 24, in main wiring harness
 671 Earth point 1, on front of left longitudinal member
 672 Earth point 2, on front of left longitudinal member

- * From November 2014
 *2 Up to November 2014



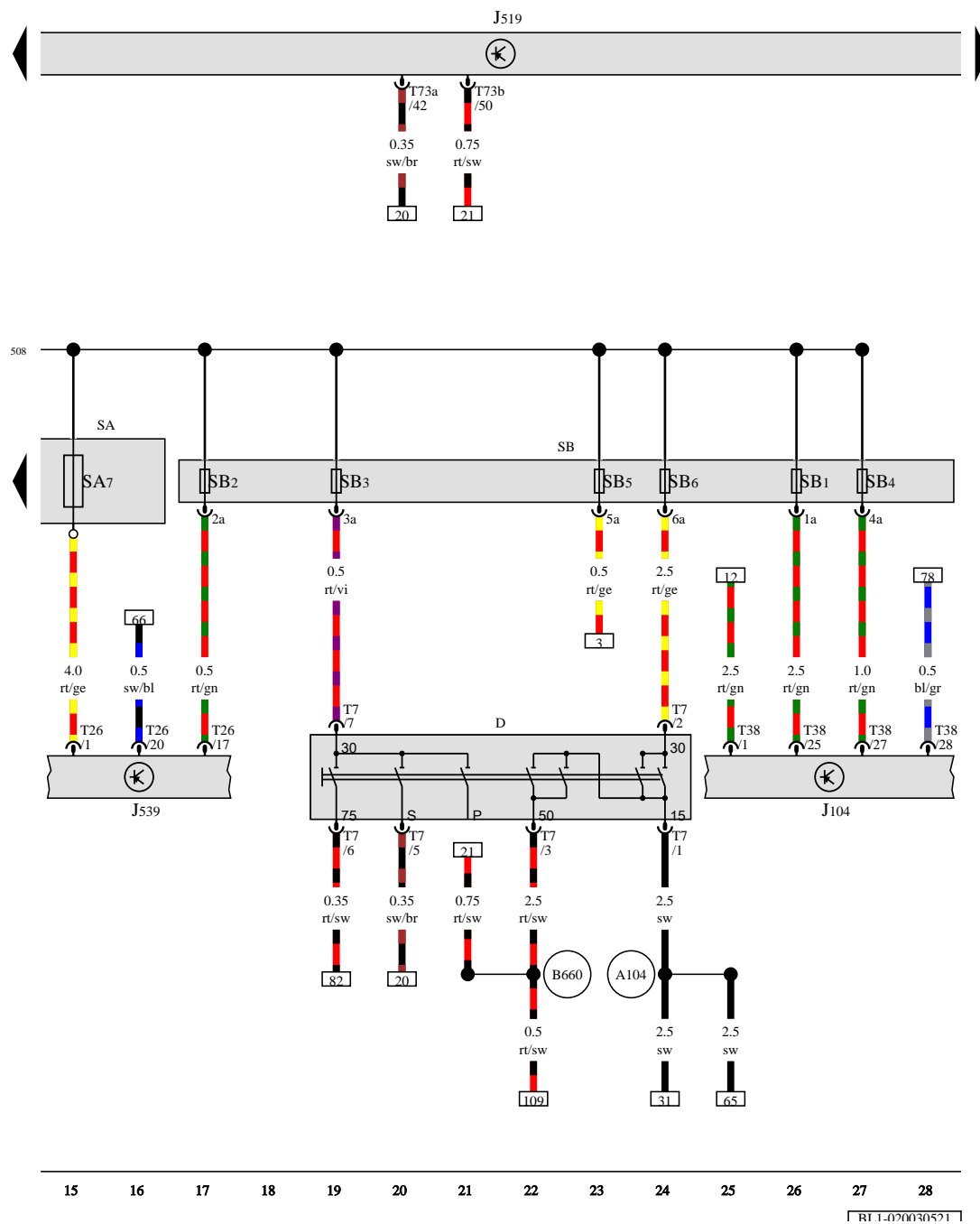
Fuse assignment

From November 2014



A	Battery
J367	Battery monitor control unit
J500	Power steering control unit
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA3	Fuse 3 on fuse holder A
SA4	Fuse 4 on fuse holder A
SA5	Fuse 5 on fuse holder A
SA6	Fuse 6 on fuse holder A
T2aq	2-pin connector
T2br	2-pin connector
T3p	3-pin connector
T4a	4-pin connector, on radiator fan
T73b	73-pin connector
V7	Radiator fan

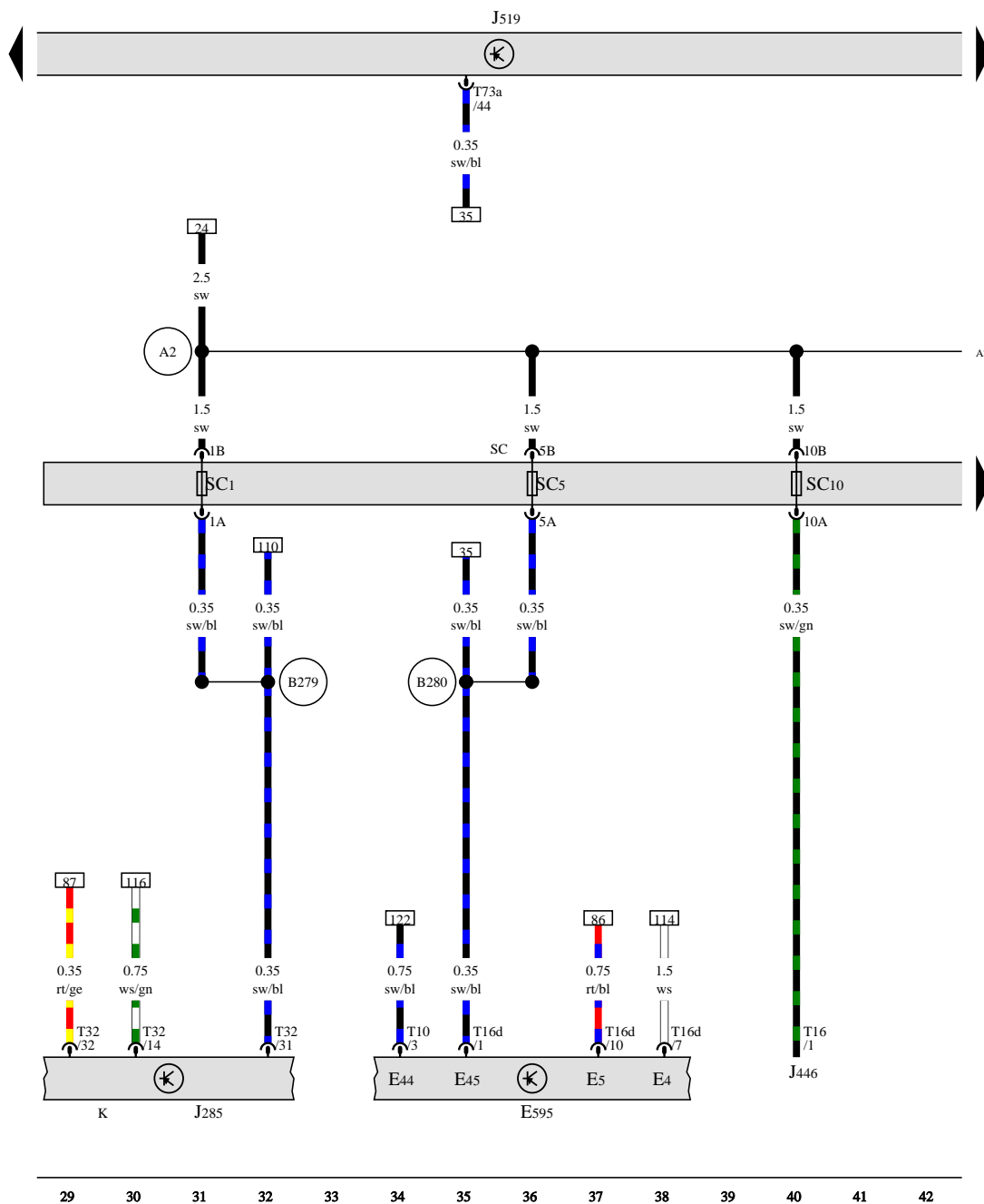
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- A52 Positive connection 2 (30), in dash panel wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B539 Connection 30, in main wiring harness



Ignition/starter switch, Fuse holder A, Fuse holder B

- D Ignition/starter switch
- J104 ABS control unit
- J519 Onboard supply control unit
- J539 Brake servo control unit
- SA Fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SA7 Fuse 7 on fuse holder A
- T7 7-pin connector
- T26 26-pin connector
- T38 38-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- 508 Threaded connection (30) on E-box
- A104 Positive connection 2 (15), in dash panel wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

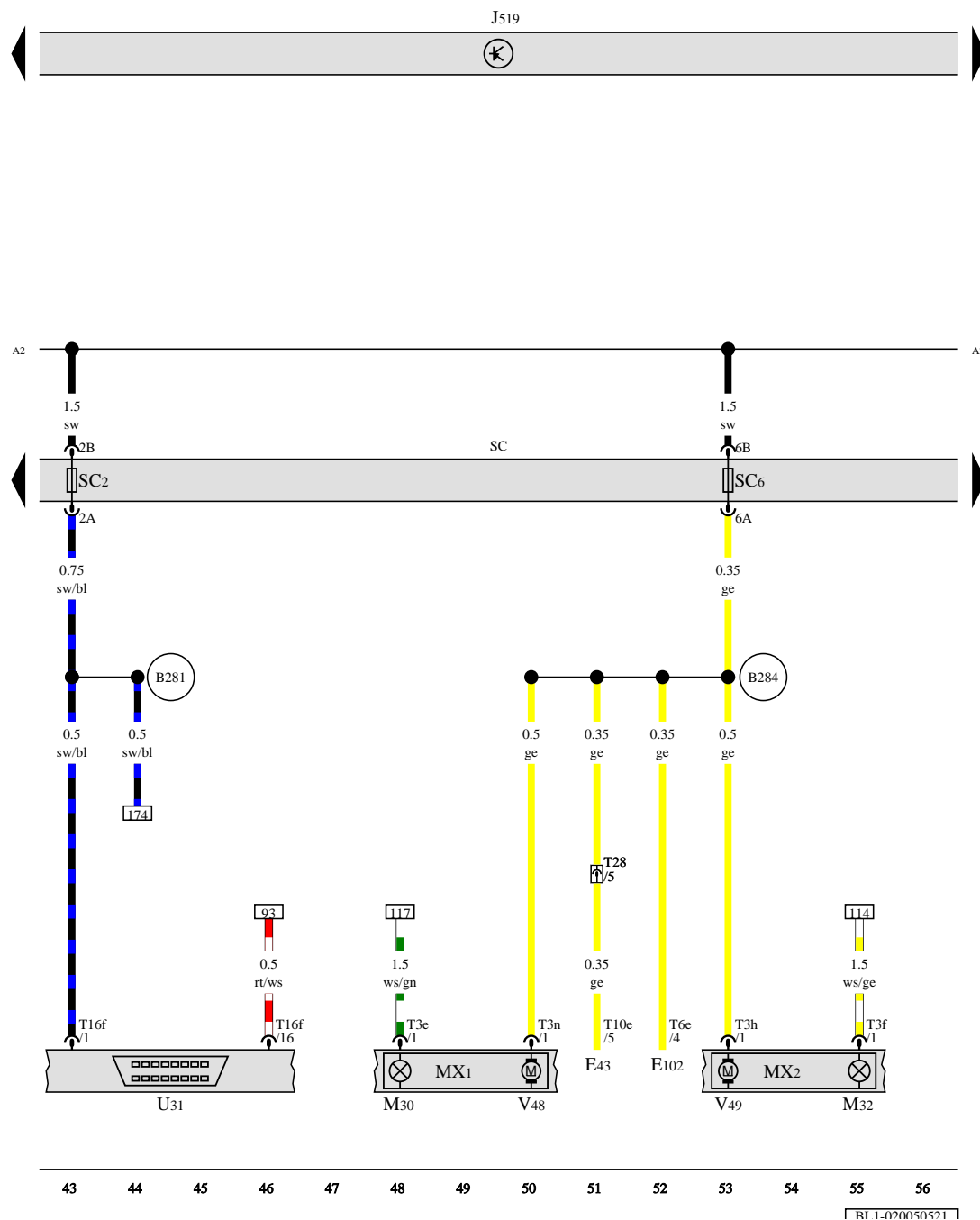
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- E4 Headlight dipper and flasher switch
- E5 Headlight flasher switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E45 Cruise control system switch
- E595 Steering column combination switch
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- J519 Onboard supply control unit
- K Dash panel insert
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- T10 10-pin connector
- T16 16-pin connector
- T16d 16-pin connector
- T32 32-pin connector
- T73a 73-pin connector

- A2 Positive connection (15), in dash panel wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness

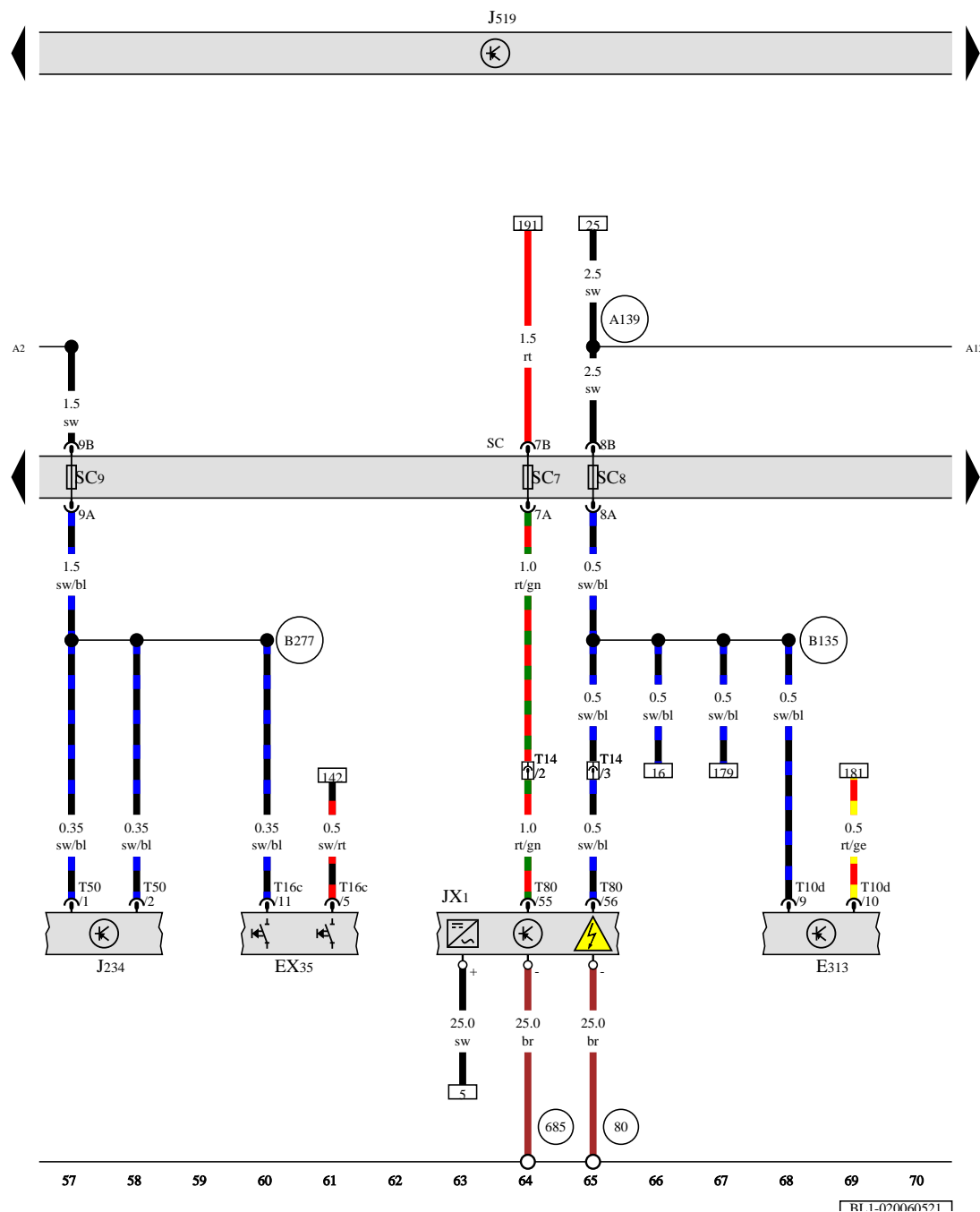


Fuse holder C

- E43 Mirror adjustment switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- MX1 Front left headlight
- MX2 Front right headlight
- M30 Left headlight main beam bulb
- M32 Right headlight main beam bulb
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T3e 3-pin connector
- T3f 3-pin connector
- T3h 3-pin connector
- T3n 3-pin connector
- T6e 6-pin connector
- T10e 10-pin connector
- T16f 16-pin connector
- T28 28-pin connector, in front left door
- U31 Diagnostic connection
- V48 Left headlight range control motor
- V49 Right headlight range control motor

- A2 Positive connection (15), in dash panel wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B284 Positive connection 8 (15a) in main wiring harness

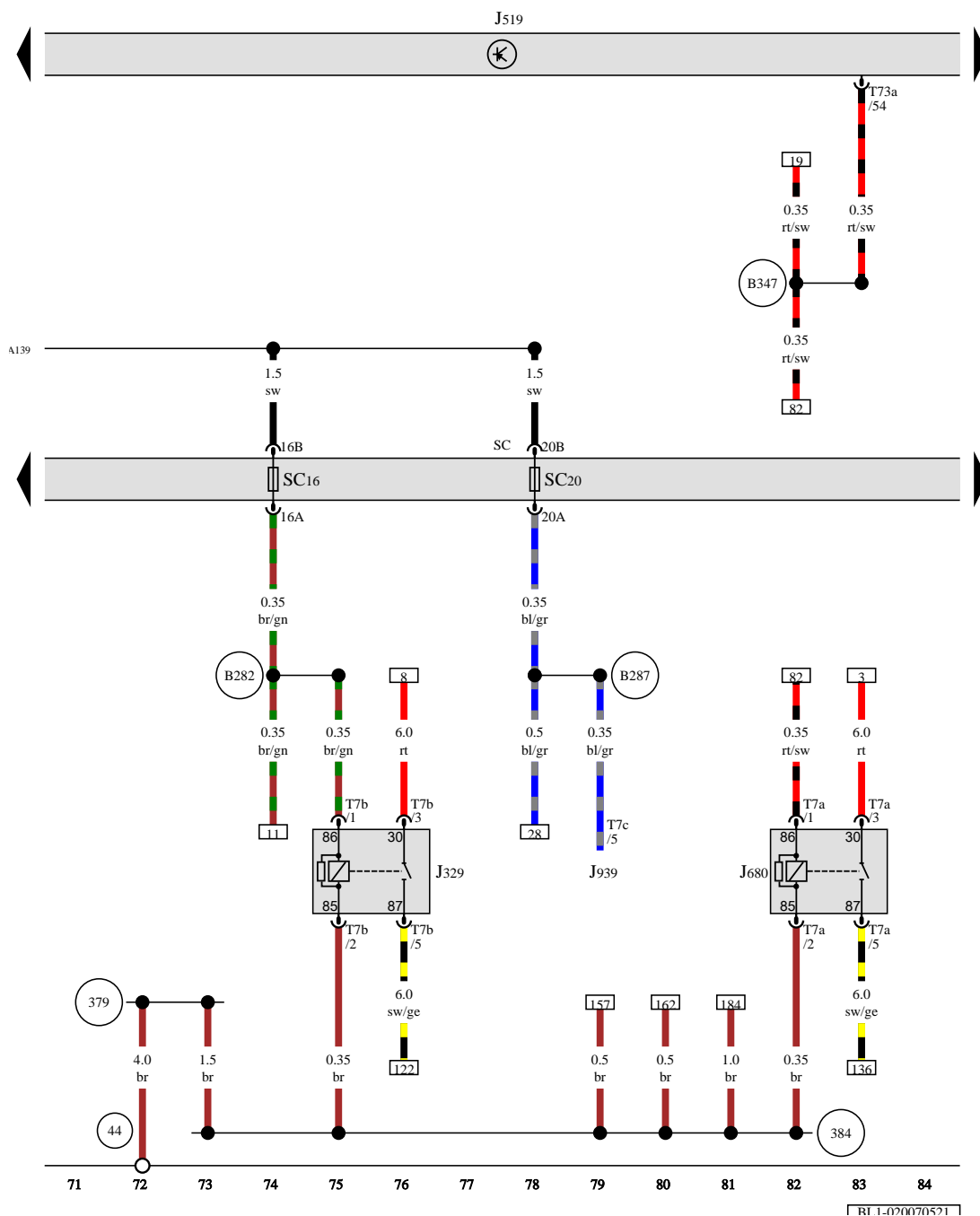
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- EX35 Centre switch module 2 in dash panel
- E313 Selector lever
- JX1 Power and control electronics for electric drive
- J234 Airbag control unit
- J519 Onboard supply control unit
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T10d 10-pin connector
- T14 14-pin connector, on left in engine compartment
- T16c 16-pin connector
- T50 50-pin connector
- T80 80-pin connector

- (80) Earth point, on centre of front cross member
- (685) Earth point 1, on front of right longitudinal member
- A2 Positive connection (15), in dash panel wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B135 Connection 1 (15a), in interior wiring harness
- B277 Positive connection 1 (15a) in main wiring harness

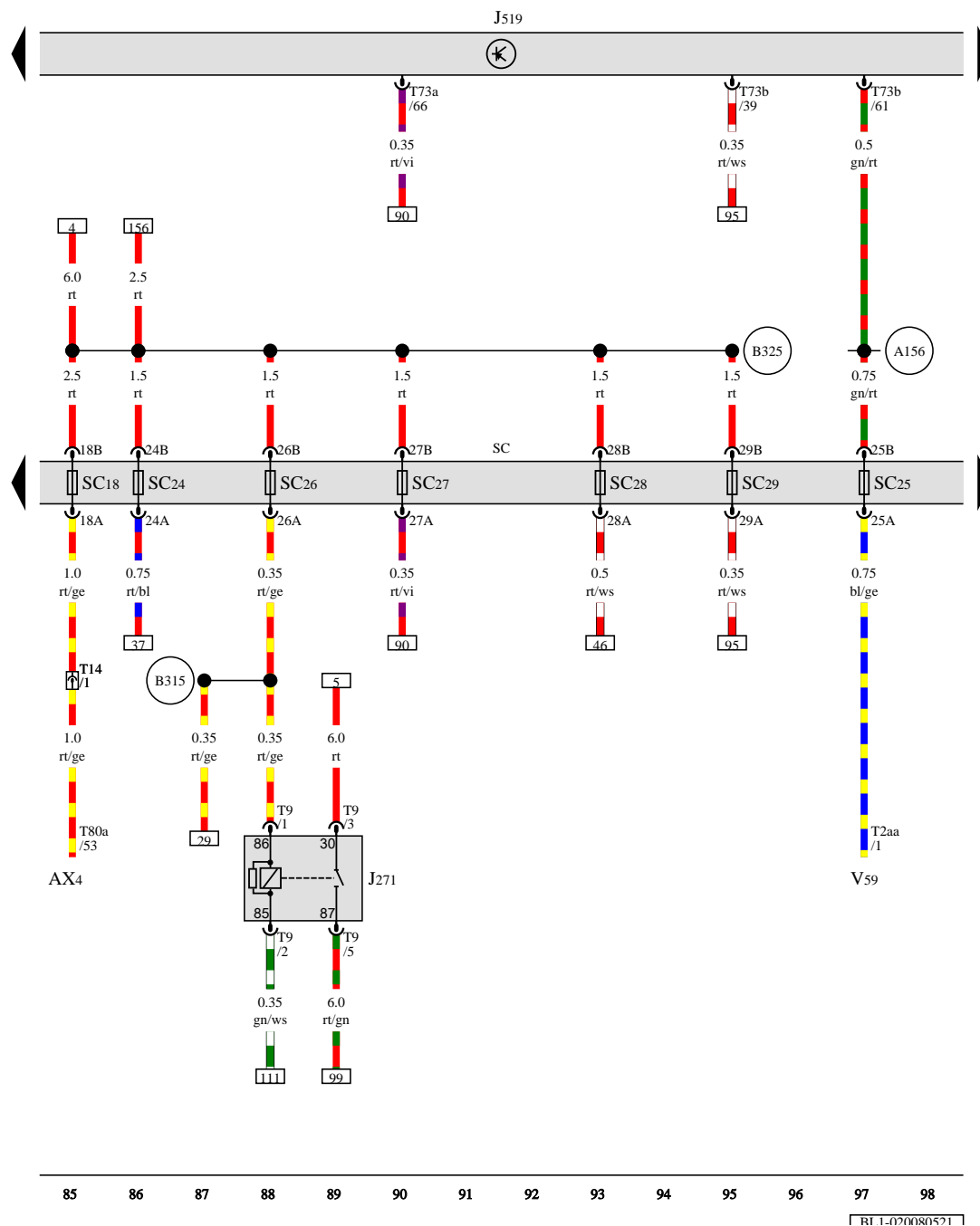


ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink

Terminal 15 voltage supply relay, Terminal 75 voltage supply relay 1, Fuse holder C

- | | |
|------|--|
| J329 | Terminal 15 voltage supply relay |
| J519 | Onboard supply control unit |
| J680 | Terminal 75 voltage supply relay 1 |
| J939 | Emergency braking function sensor unit |
| SC | Fuse holder C |
| SC16 | Fuse 16 on fuse holder C |
| SC20 | Fuse 20 on fuse holder C |
| T7a | 7-pin connector |
| T7b | 7-pin connector |
| T7c | 7-pin connector |
| T73a | 73-pin connector |

- 44 Earth point, lower part of left A-pillar
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B287 Positive connection 11 (15a) in main wiring harness
- B347 Connection 2 (75), in main wiring harness



Main relay, Fuse holder C

AX4 Charging unit 1 for high-voltage battery

J271 Main relay

J519 Onboard supply control unit

SC Fuse holder C

SC18 Fuse 18 on fuse holder C

SC24 Fuse 24 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

SC28 Fuse 28 on fuse holder C

SC29 Fuse 29 on fuse holder C

T2aa 2-pin connector

T9 9-pin connector

T14 14-pin connector, on left in engine compartment

T73a 73-pin connector

T73b 73-pin connector

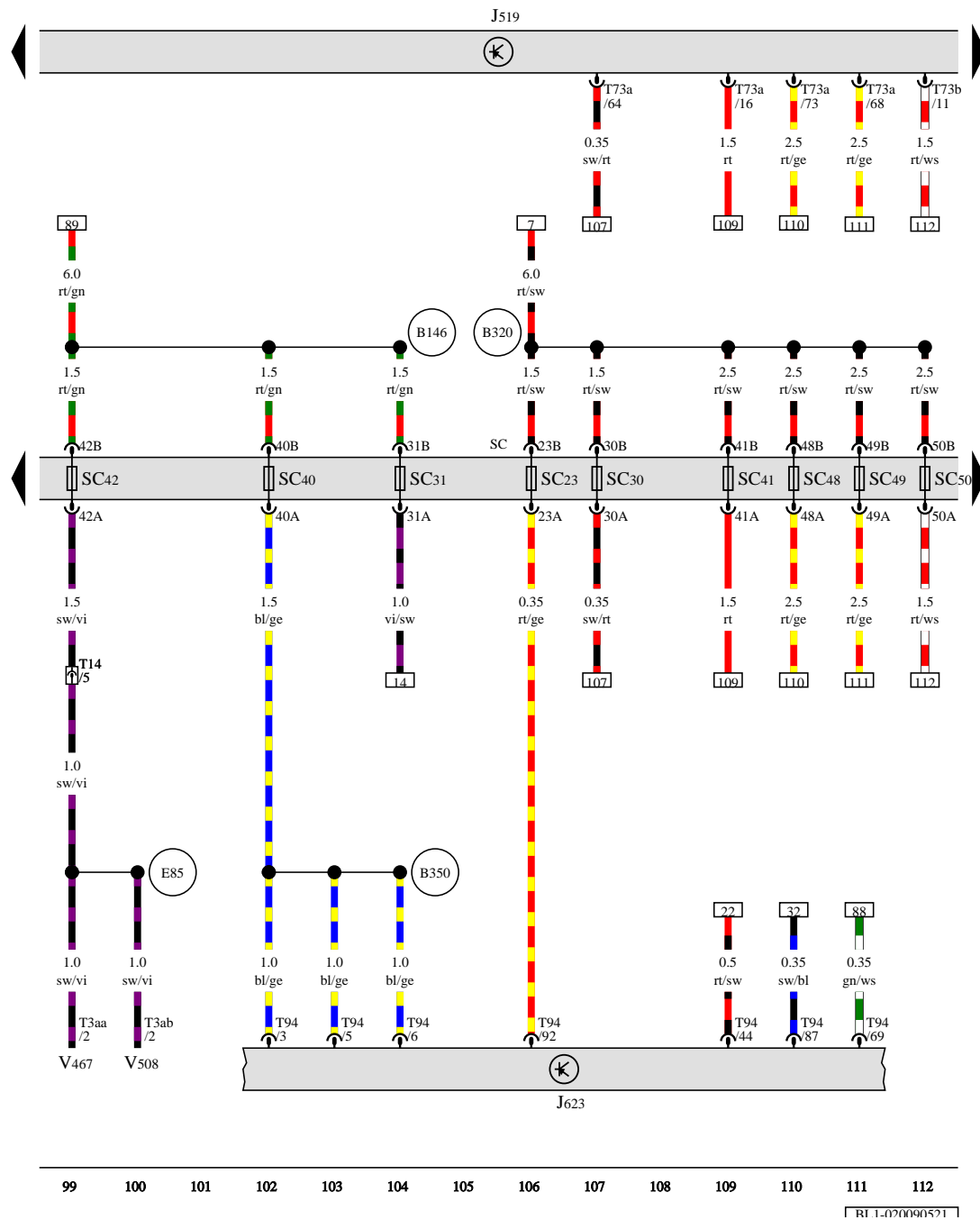
T80a 80-pin connector

V59 Windscreen and rear window washer pump

A156 Connection (53c), in dash panel wiring harness

B315 Positive connection 1 (30a) in main wiring harness

B325 Positive connection 11 (30a) in main wiring harness

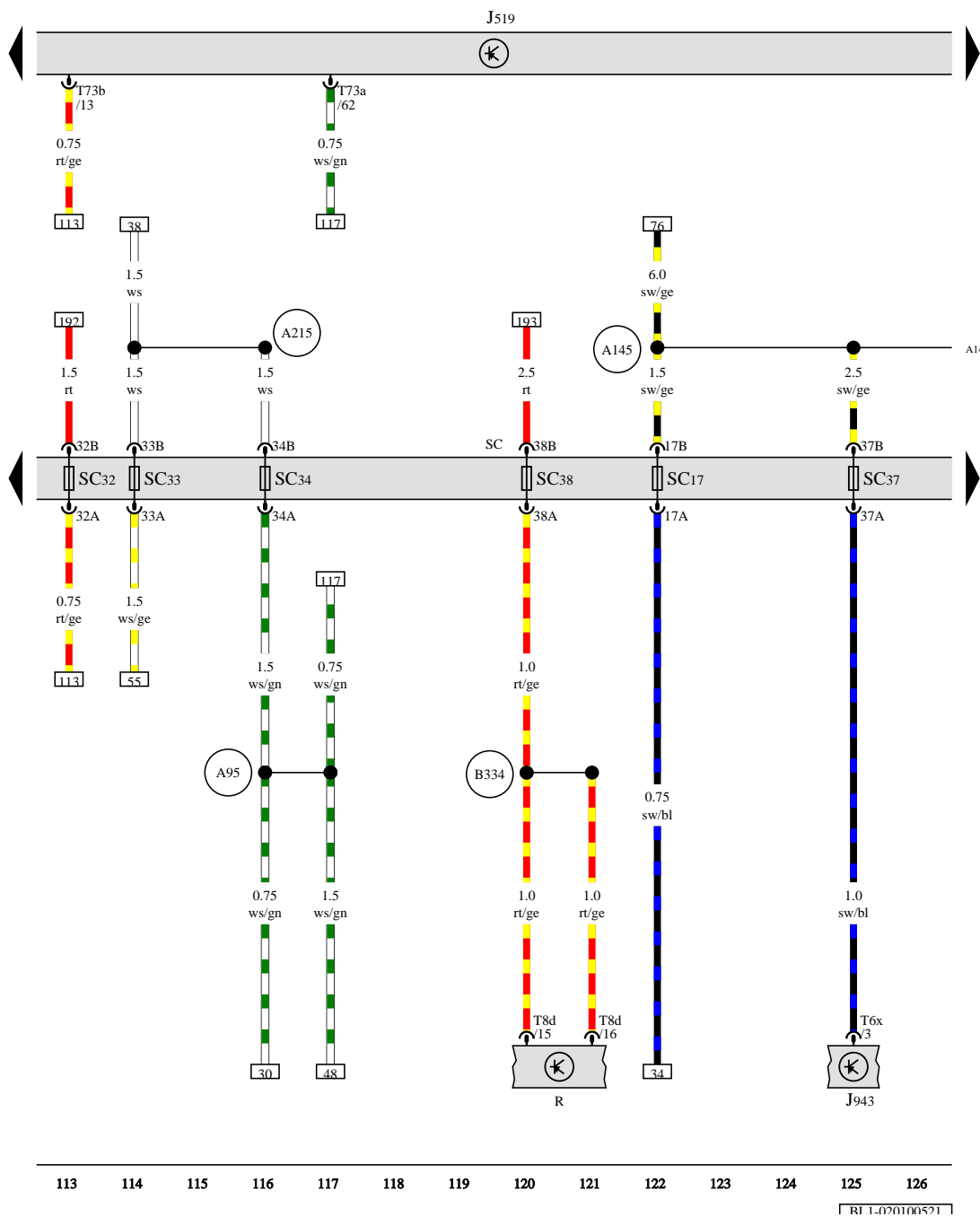


Fuse holder C

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 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
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T3aa 3-pin connector
- T3ab 3-pin connector
- T14 14-pin connector, on left in engine compartment
- T73a 73-pin connector
- T73b 73-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

- B146 Positive connection 1 (87), in interior wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- E85 Connection 9 (87a) in engine wiring harness

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

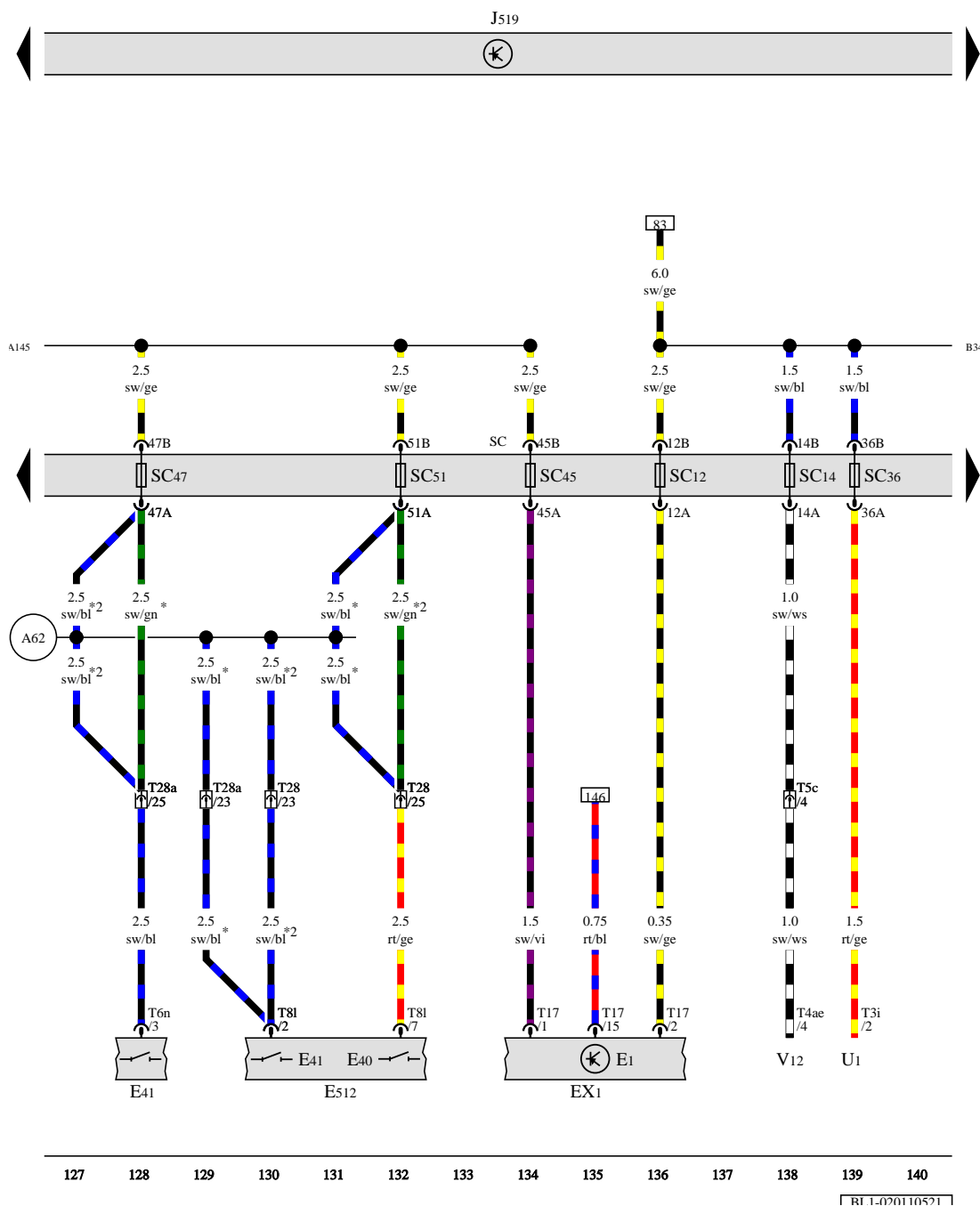


Fuse holder C

- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- R Radio
- SC Fuse holder C
- SC17 Fuse 17 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
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T6x 6-pin connector
- T8d 8-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

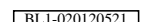
- A95 Connection 1 (56a), in dash panel wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- A215 Connection 2 (56a), in dash panel wiring harness
- B334 Positive connection 20 (30a) in main wiring harness

- 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



Fuse holder C

- E1 Light switch
- EX1 Rotary light switch
- E40 Front left window regulator switch
- E41 Front right window regulator switch
- E512 Operating unit for window regulator in driver door
- J519 Onboard supply control unit
- SC Fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T3i 3-pin connector
- T4ae 4-pin connector
- T5c 5-pin connector, in rear lid
- T6n 6-pin connector
- T8l 8-pin connector
- T17 17-pin connector
- T28 28-pin connector, in front left door
- T28a 28-pin connector, in front right door
- U1 Cigarette lighter
- V12 Rear window wiper motor
- A62 Connection (window regulators), in dash panel wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- B346 Connection 1 (75), in main wiring harness
- * For right-hand drive models
- *2 For left-hand drive models

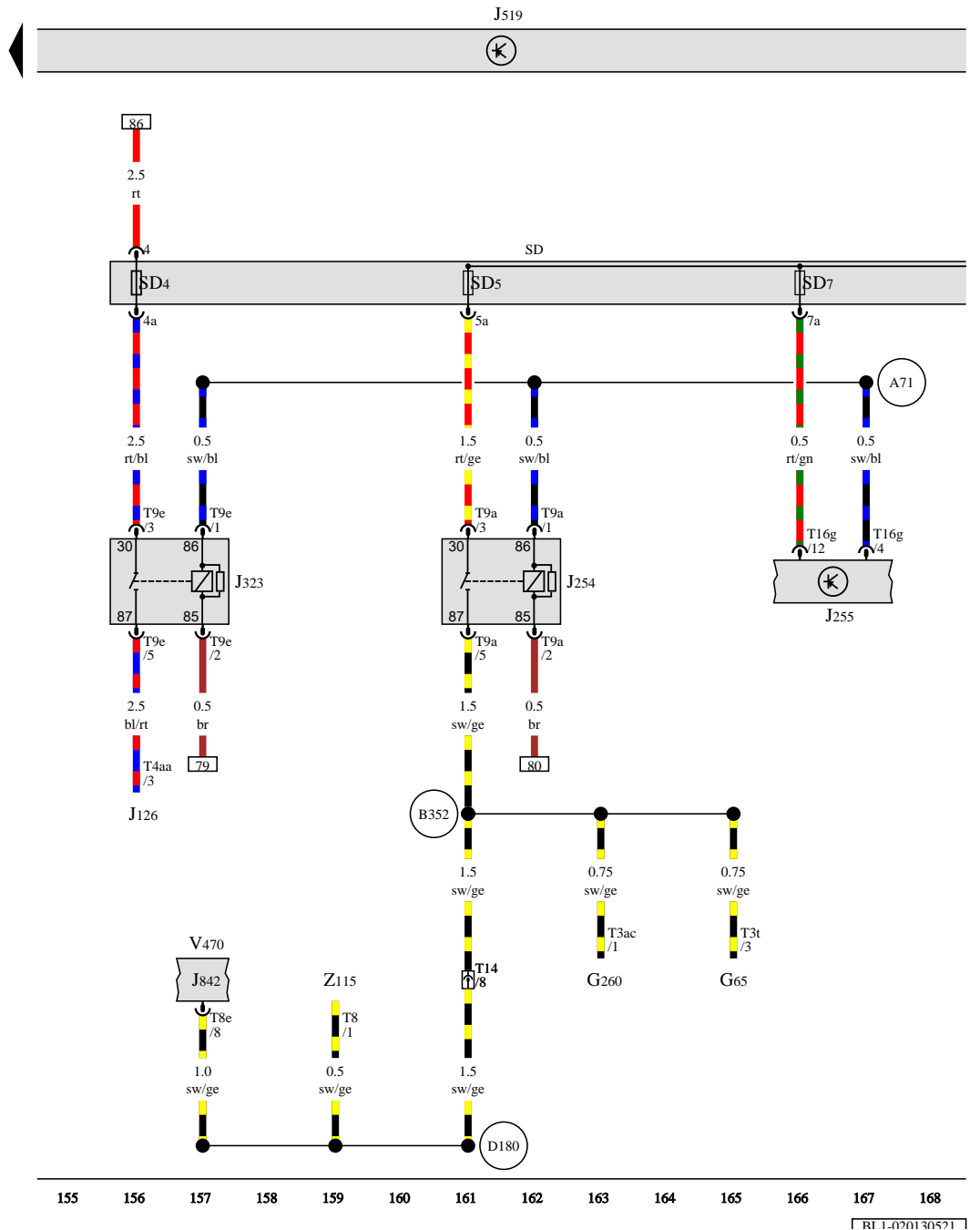


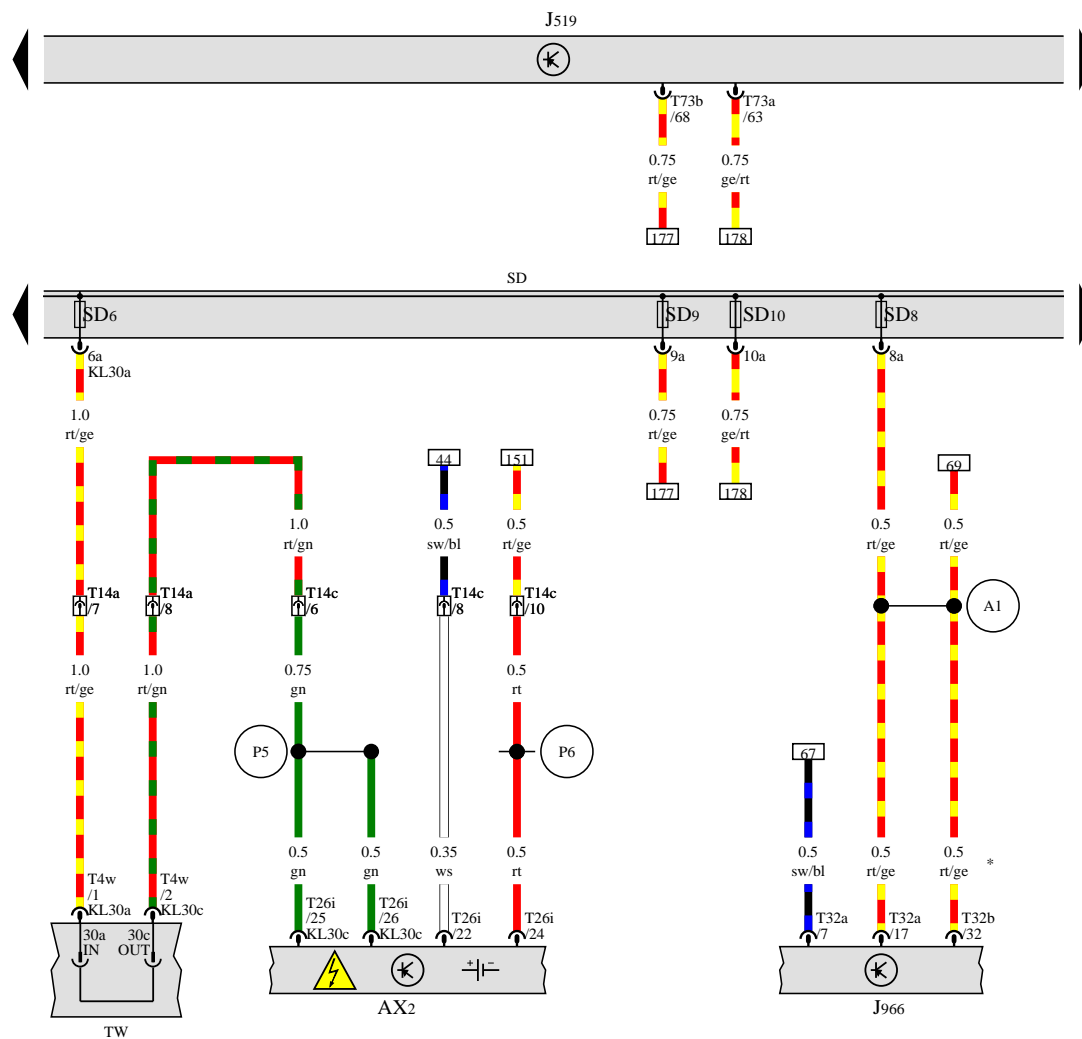
Climatronic relay, Blower relay, Fuse holder D

- G65 High-pressure sender
- G260 Humidity sender for air conditioning system
- J126 Fresh air blower control unit
- J254 Climatronic relay
- J255 Climatronic control unit
- J323 Blower relay
- J519 Onboard supply control unit
- J842 Control unit for air conditioner compressor
- SD Fuse holder D
- SD4 Fuse 4 on fuse holder D
- SD5 Fuse 5 on fuse holder D
- SD7 Fuse 7 on fuse holder D
- T3ac 3-pin connector
- T3t 3-pin connector
- T4aa 4-pin connector
- T8 8-pin connector
- T8e 8-pin connector
- T9a 9-pin connector
- T9e 9-pin connector
- T14 14-pin connector, on left in engine compartment
- T16g 16-pin connector
- V470 Electrical air conditioner compressor
- Z115 High-voltage heater (PTC)

- (A71) Connection (86), in dash panel wiring harness
- (B352) Positive connection 3 (87a) in main wiring harness
- (D180) Connection (87a), in engine compartment wiring harness

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





Fuse holder D

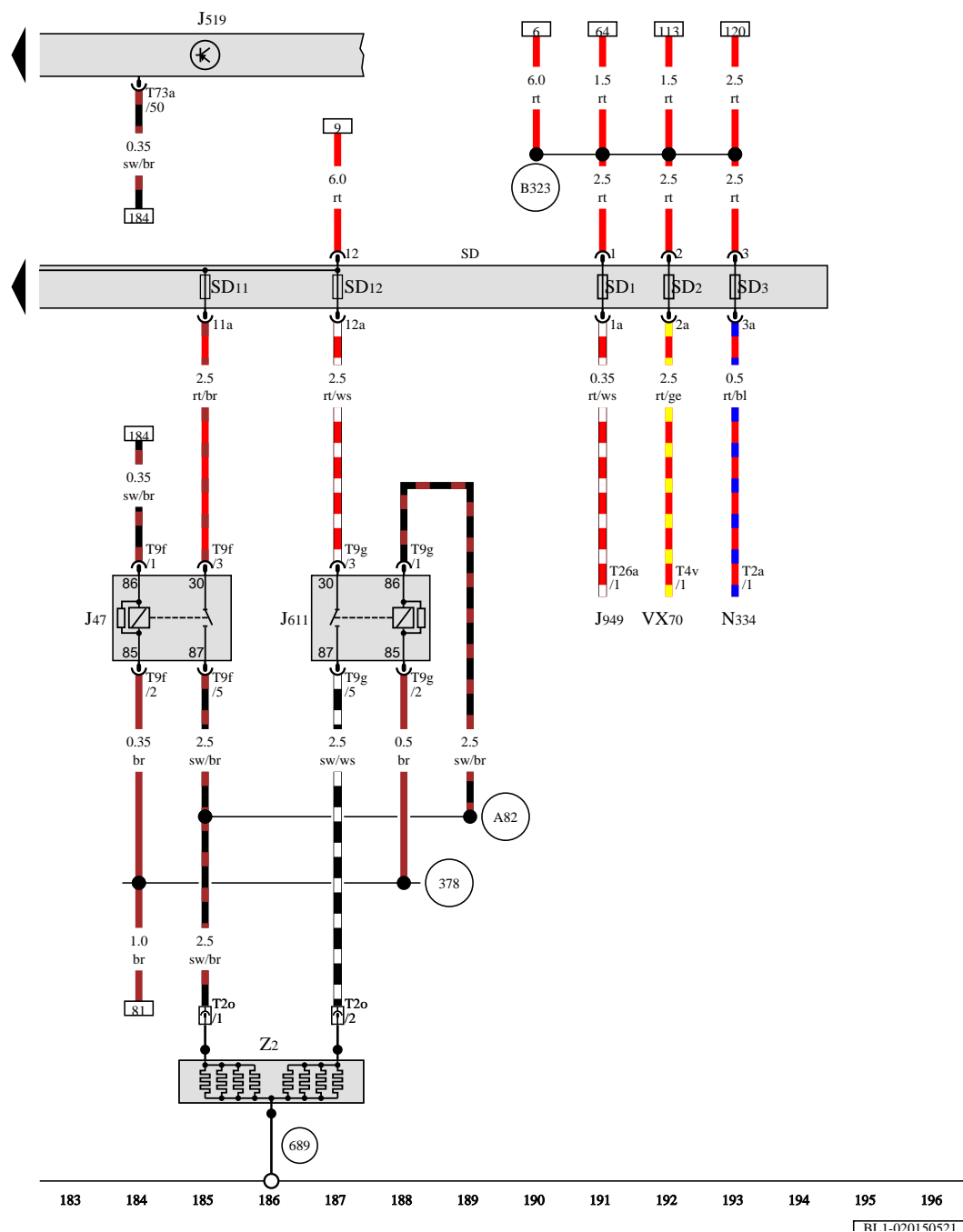
- AX2 High-voltage battery 1
- J519 Onboard supply control unit
- J966 Charge voltage control unit for high-voltage battery
- SD Fuse holder D
- SD6 Fuse 6 on fuse holder D
- SD8 Fuse 8 on fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD10 Fuse 10 on fuse holder D
- T4w 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- TW Maintenance connector for high-voltage system

- A1 Positive connection (30a), in dash panel wiring harness
- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery wiring harness
- * 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

169 170 171 172 173 174 175 176 177 178 179 180 181 182

RI 1-070140521



Heated windscreen relay, Heated windscreen relay 2, Fuse holder D, Heated windscreen

- J47 Heated windscreen relay
- J519 Onboard supply control unit
- J611 Heated windscreen relay 2
- J949 Emergency call module control unit and communication unit
- N334 Ignition key withdrawal lock solenoid valve
- 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
- SD11 Fuse 11 on fuse holder D
- SD12 Fuse 12 on fuse holder D
- T2a 2-pin connector
- T2o 2-pin connector, central in plenum chamber
- T4v 4-pin connector
- T9f 9-pin connector
- T9g 9-pin connector
- T26a 26-pin connector
- T73a 73-pin connector
- VX70 Brake system pressure accumulator
- Z2 Heated windscreen

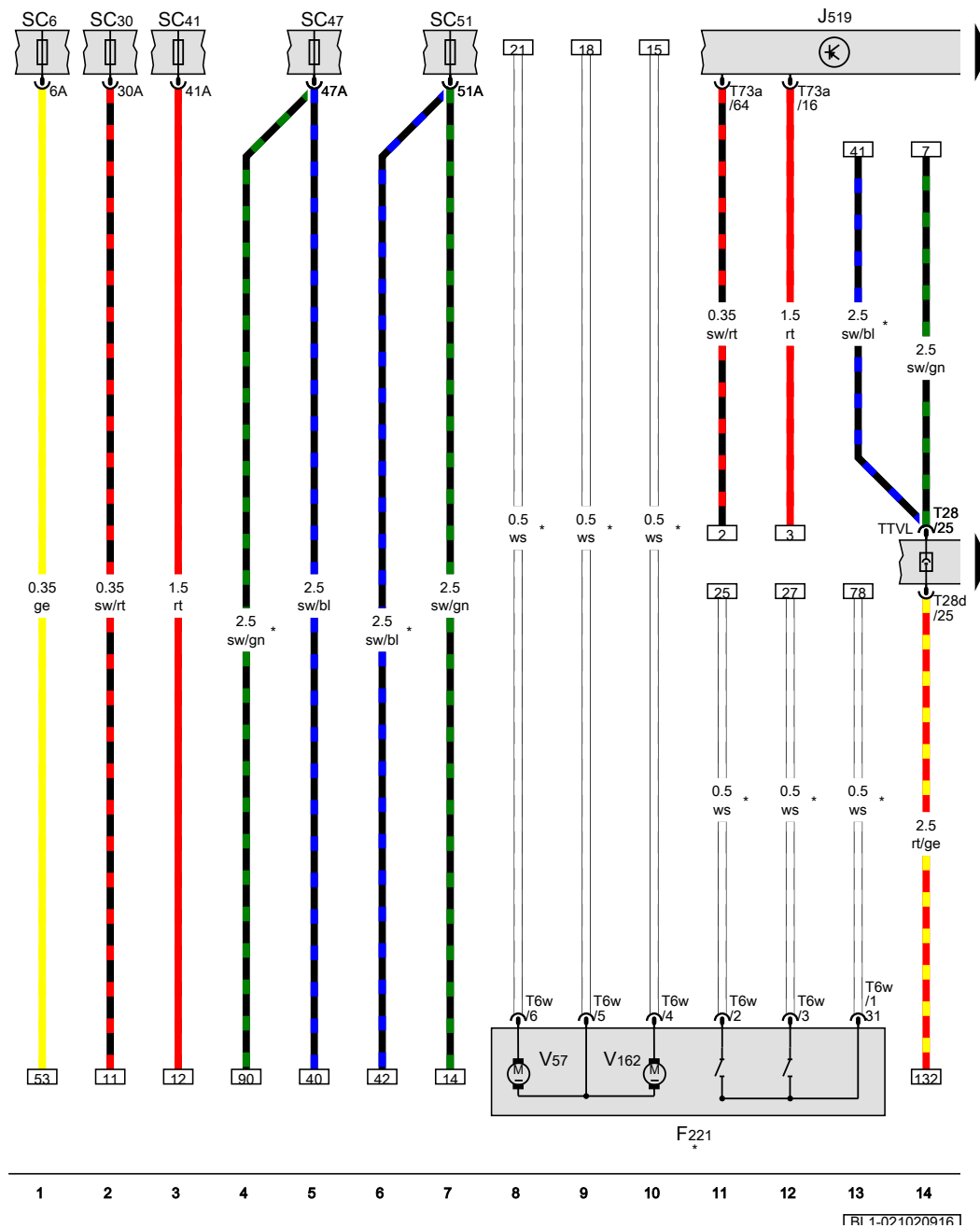
- 378 Earth connection 13, in main wiring harness
- 689 Earth point, at front, central in roof
- A82 Connection (windscreen heater), in dash panel wiring harness
- B323 Positive connection 9 (30a) in main wiring harness

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

Convenience system

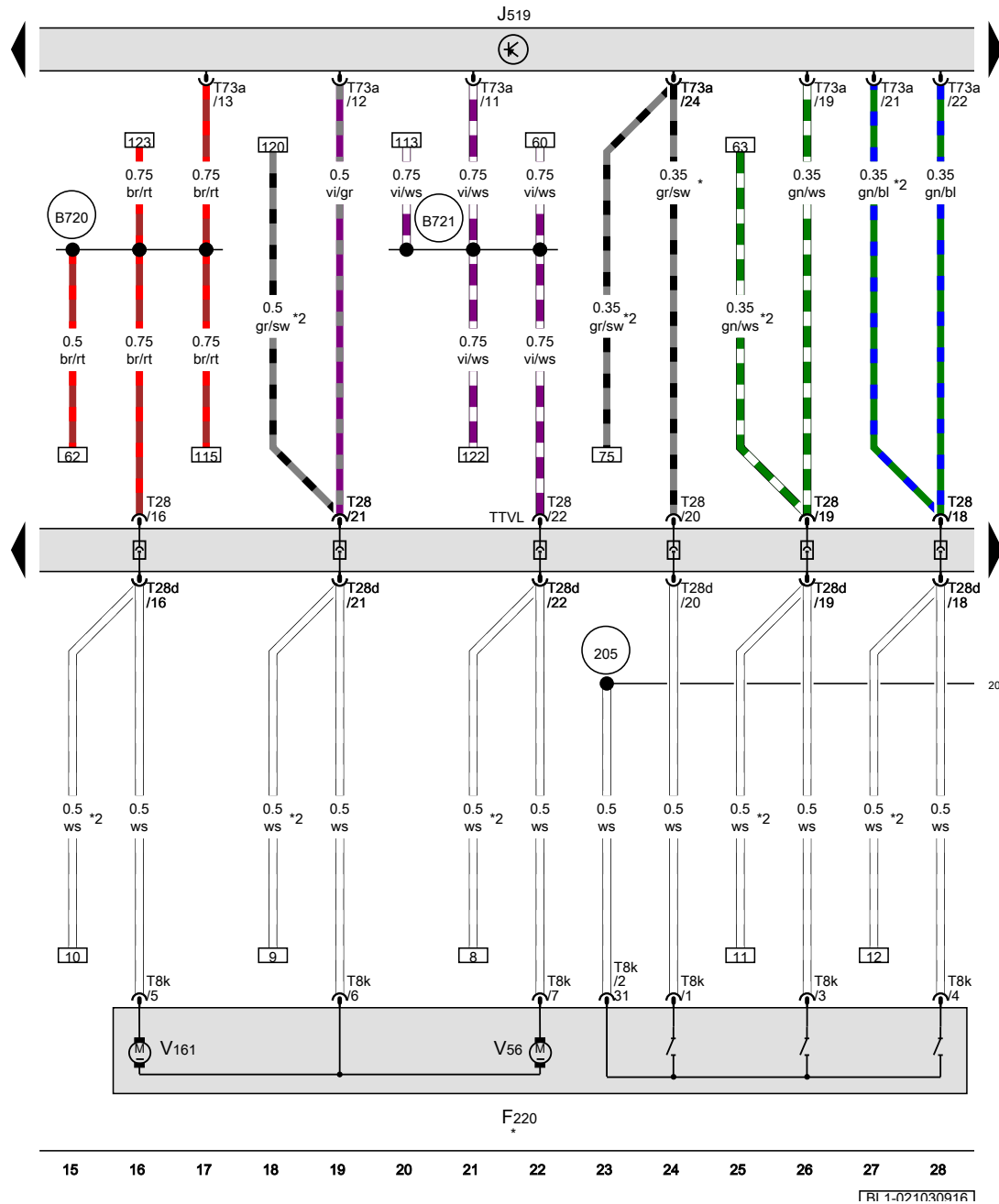
From November 2014

Front passenger side central locking lock unit, Onboard supply control unit

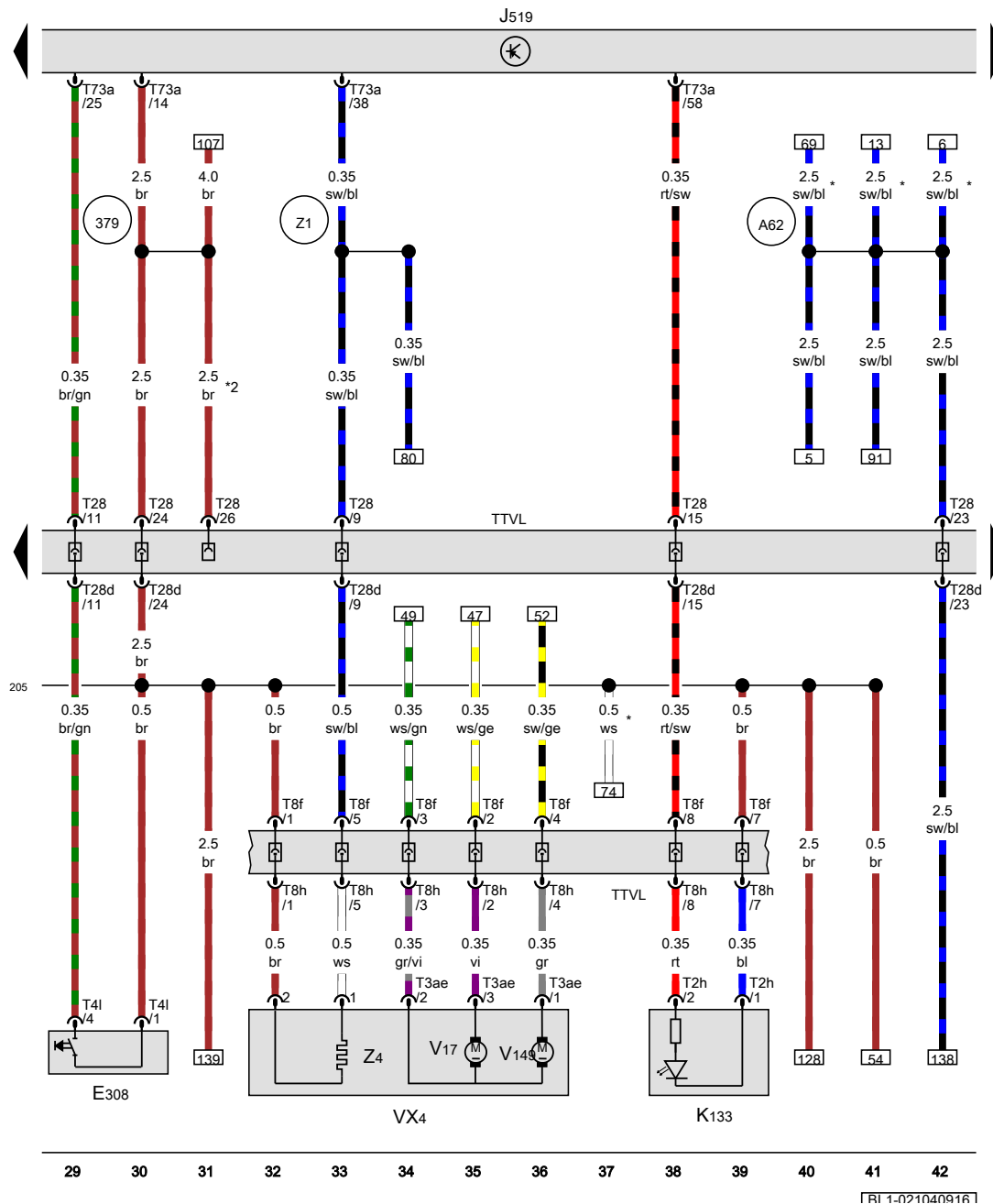


- F221 Front passenger side central locking lock unit, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- SC6 Fuse 6 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T6w 6-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor
- * Only right-hand drive models

Driver side central locking lock unit, Onboard supply control unit



- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T8k 8-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor
- 205 Earth connection, in driver door wiring harness
- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models



Driver side interior locking button for central locking system, Onboard supply control unit, Central locking SAFELOCK function warning lamp, Driver side exterior mirror

- E308 Driver side interior locking button for central locking system, in driver door
- J519 Onboard supply control unit, on dash panel insert
- K133 Central locking SAFELOCK function warning lamp, in driver door
- T2h 2-pin connector, black
- T3ae 3-pin connector, black
- T4l 4-pin connector, blue
- T8f 8-pin connector
- T8h 8-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- VX4 Driver side exterior mirror, on driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side

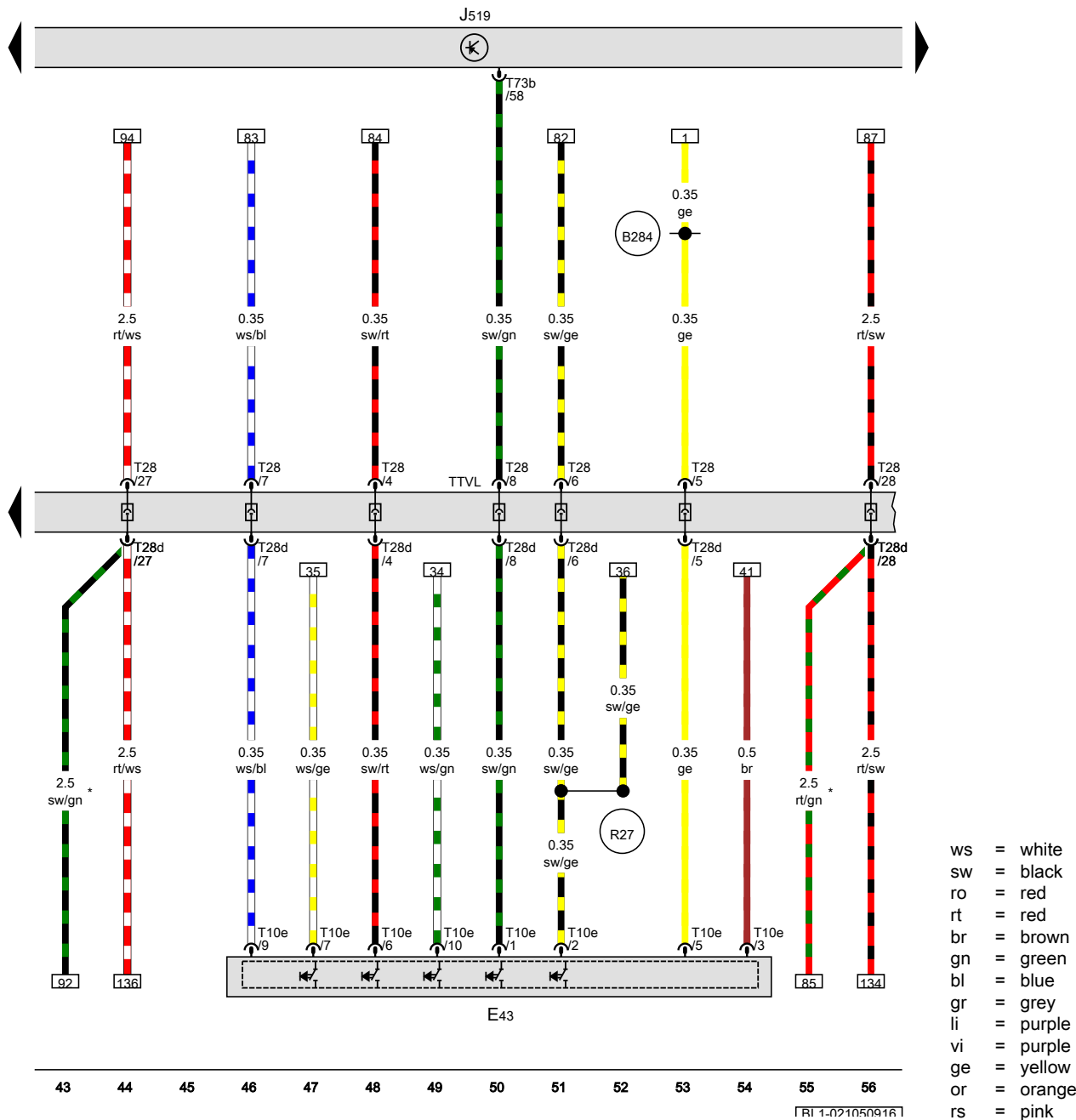
- 205 Earth connection, in driver door wiring harness
- 379 Earth connection 14, in main wiring harness
- A62 Connection (window regulators), in dash panel wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness

- * Only right-hand drive models
- *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

Mirror adjustment switch, Onboard supply control unit

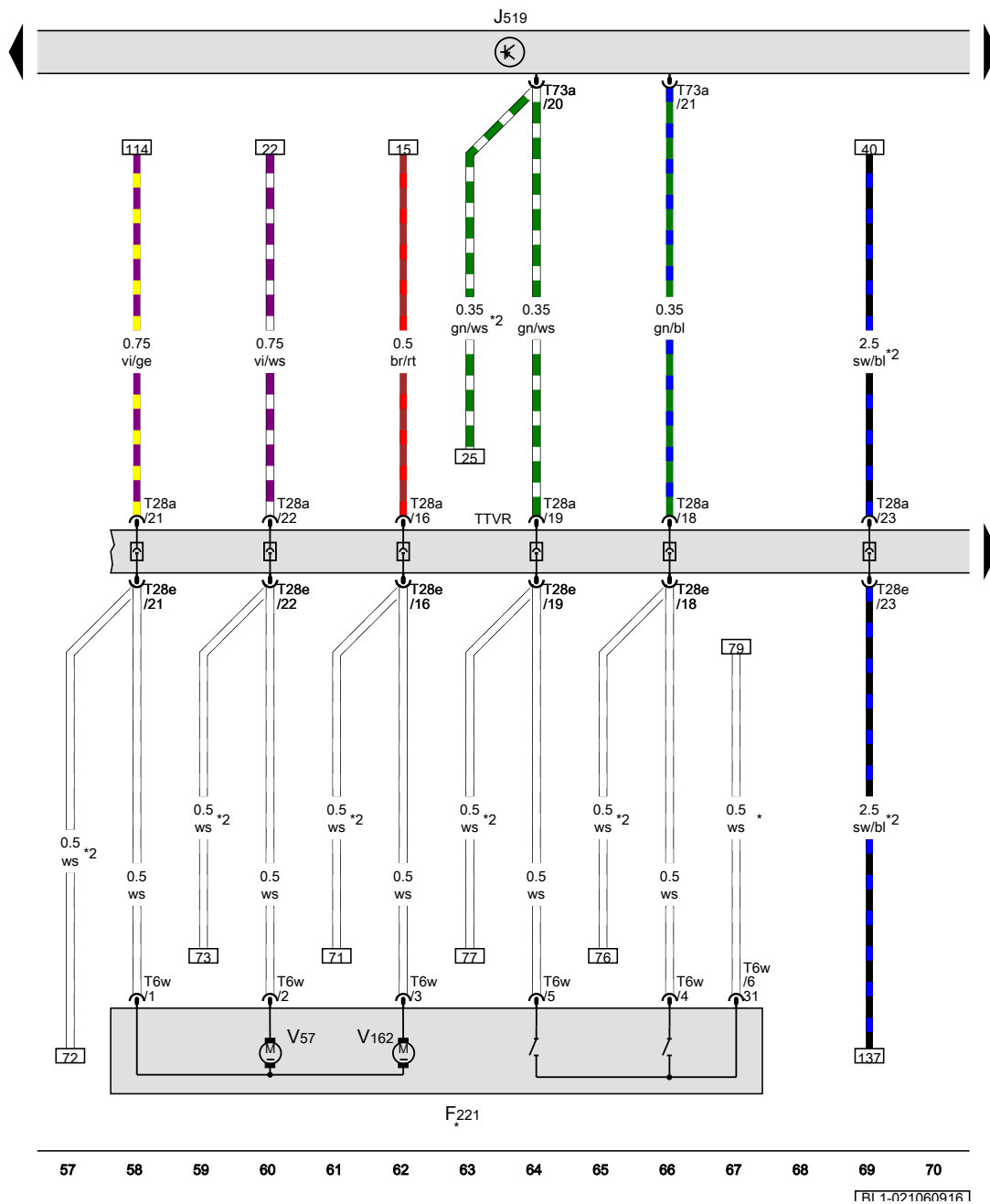
- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T10e 10-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73b 73-pin connector, black
- TTVL Coupling point for front left door
- B284 Positive connection 8 (15a) in main wiring harness
- R27 Connection (mirror adjustment), in driver door wiring harness
- * Only right-hand drive models



[RI 1-021050916]

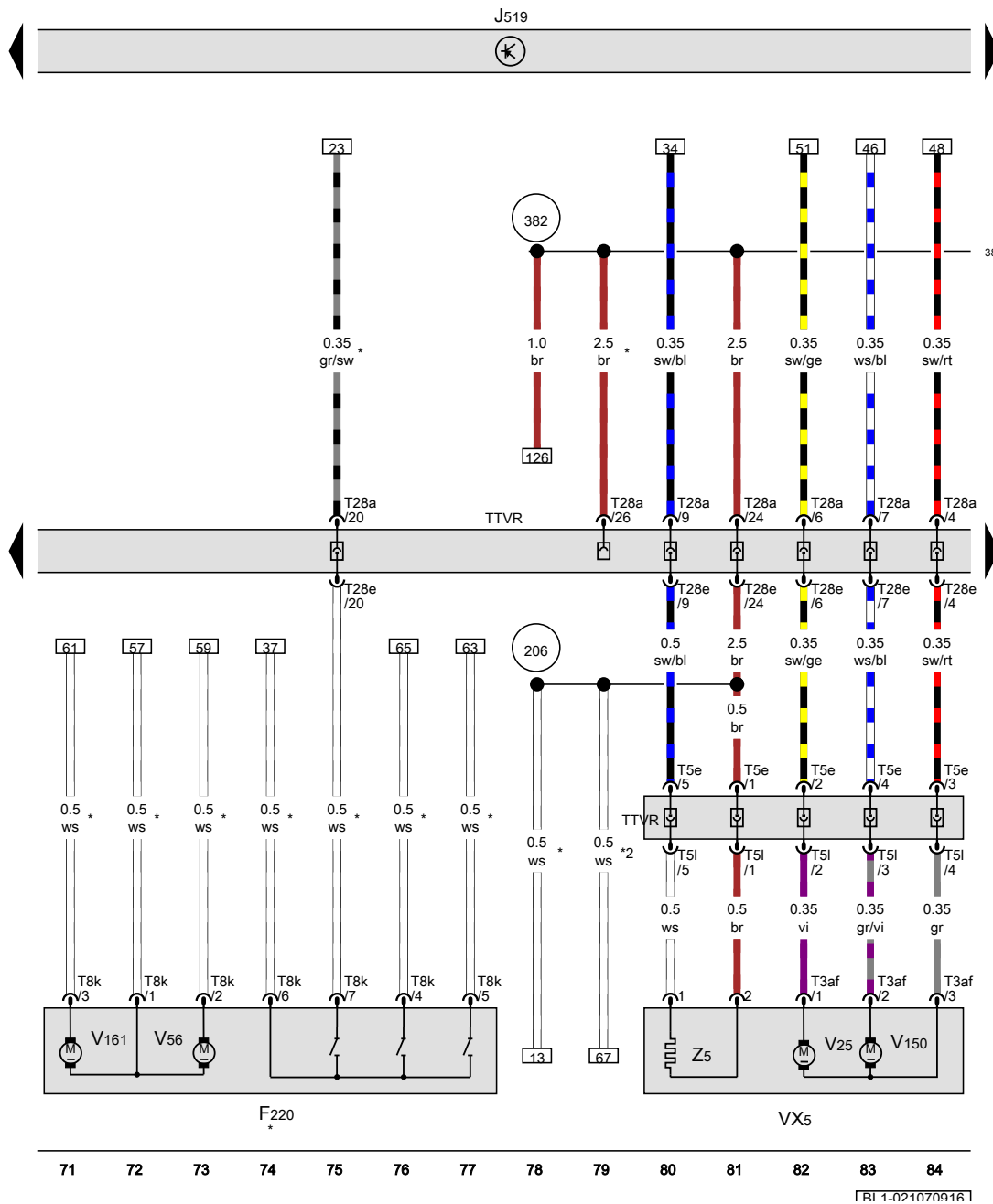
Front passenger side central locking lock unit, Onboard supply control unit

- F221 Front passenger side central locking lock unit, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T6w 6-pin connector, black
- T28a 28-pin connector
- T28e 28-pin connector
- T73a 73-pin connector, black
- TTVR Coupling point for front right door
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor
- * Only left-hand drive models
- *2 Only right-hand drive models



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

Driver side central locking lock unit, Onboard supply control unit, Front passenger side exterior mirror



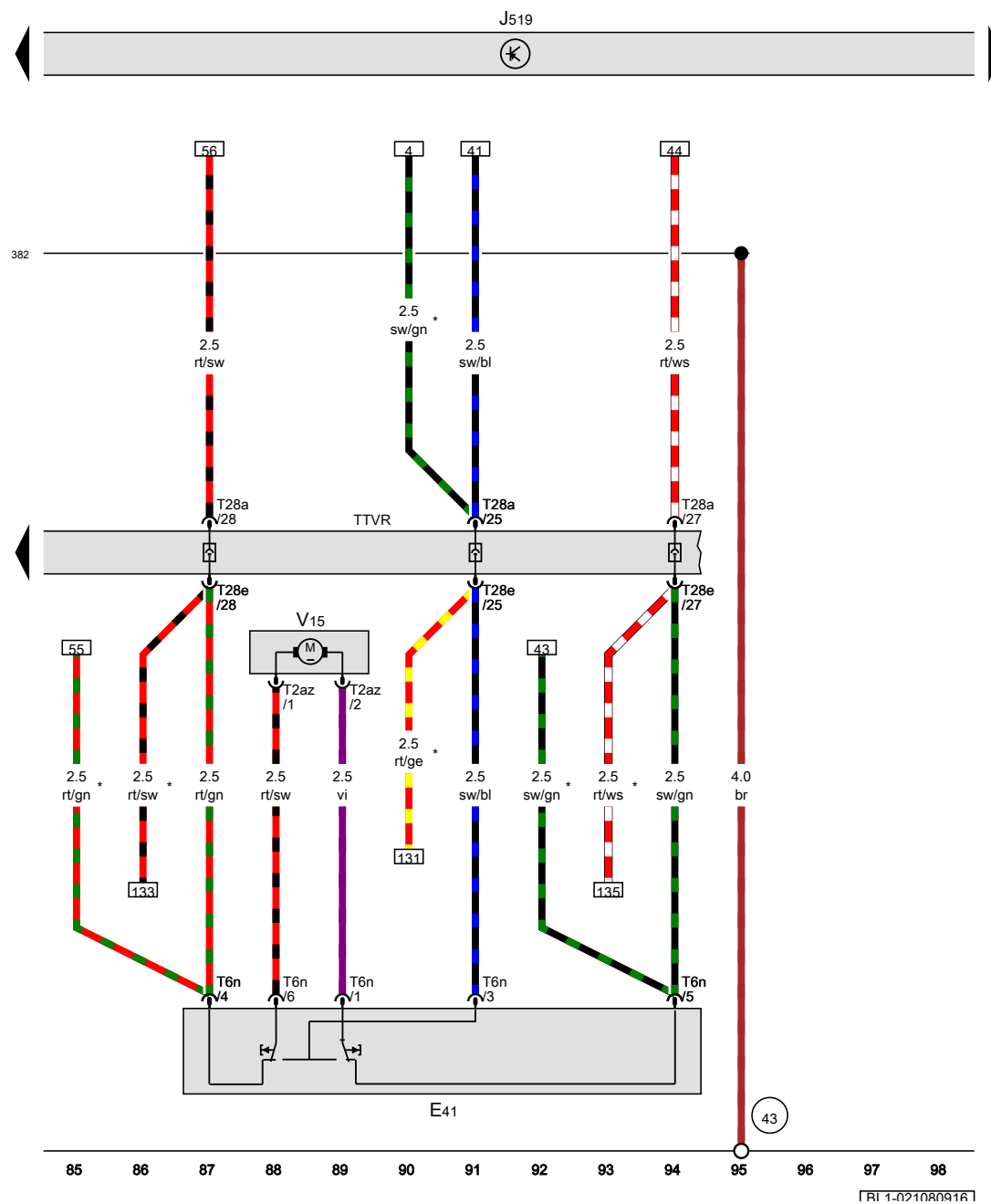
- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T3af 3-pin connector, black
- T5e 5-pin connector
- T5l 5-pin connector
- T8k 8-pin connector
- T28a 28-pin connector
- T28e 28-pin connector
- TTVR Coupling point for front right door
- VX5 Front passenger side exterior mirror, in front passenger door
- V25 Front passenger side mirror adjustment motor 2
- V56 Driver door central locking motor
- V150 Front passenger side mirror adjustment motor
- V161 Driver door central locking SAFELock function motor
- Z5 Heated exterior mirror on front passenger side

206 Earth connection, in front passenger door wiring harness

382 Earth connection 17, in main wiring harness

* Only right-hand drive models

*2 Only left-hand drive models

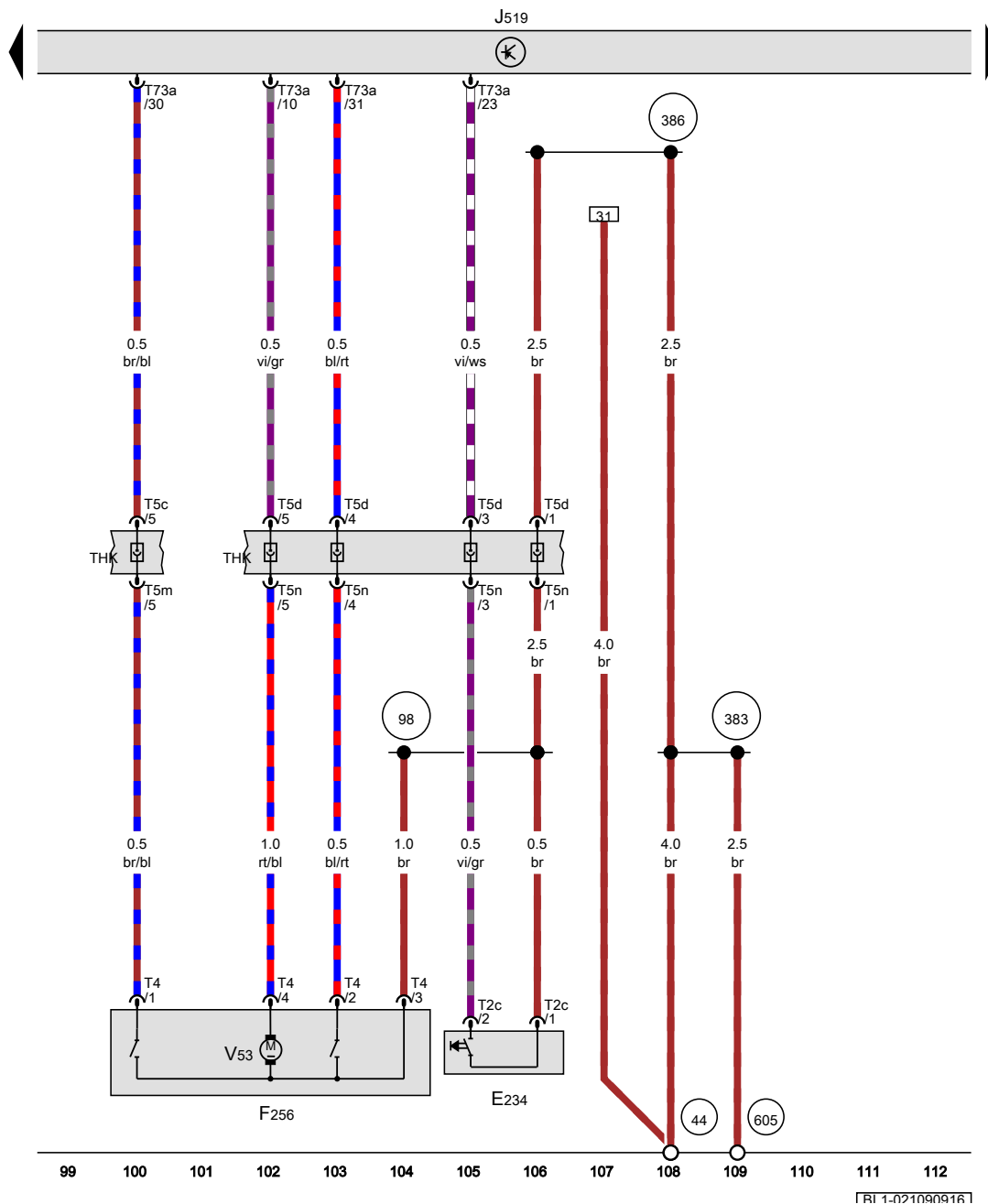


Front right window regulator switch, Onboard supply control unit, Right window regulator motor

- E41 Front right window regulator switch, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T2az 2-pin connector, black
- T6n 6-pin connector, black
- T28a 28-pin connector
- T28e 28-pin connector
- TTVR Coupling point for front right door
- V15 Right window regulator motor, in front passenger door

- 43 Earth point, lower part of right A-pillar
- 382 Earth connection 17, in main wiring harness
- * Only right-hand drive models

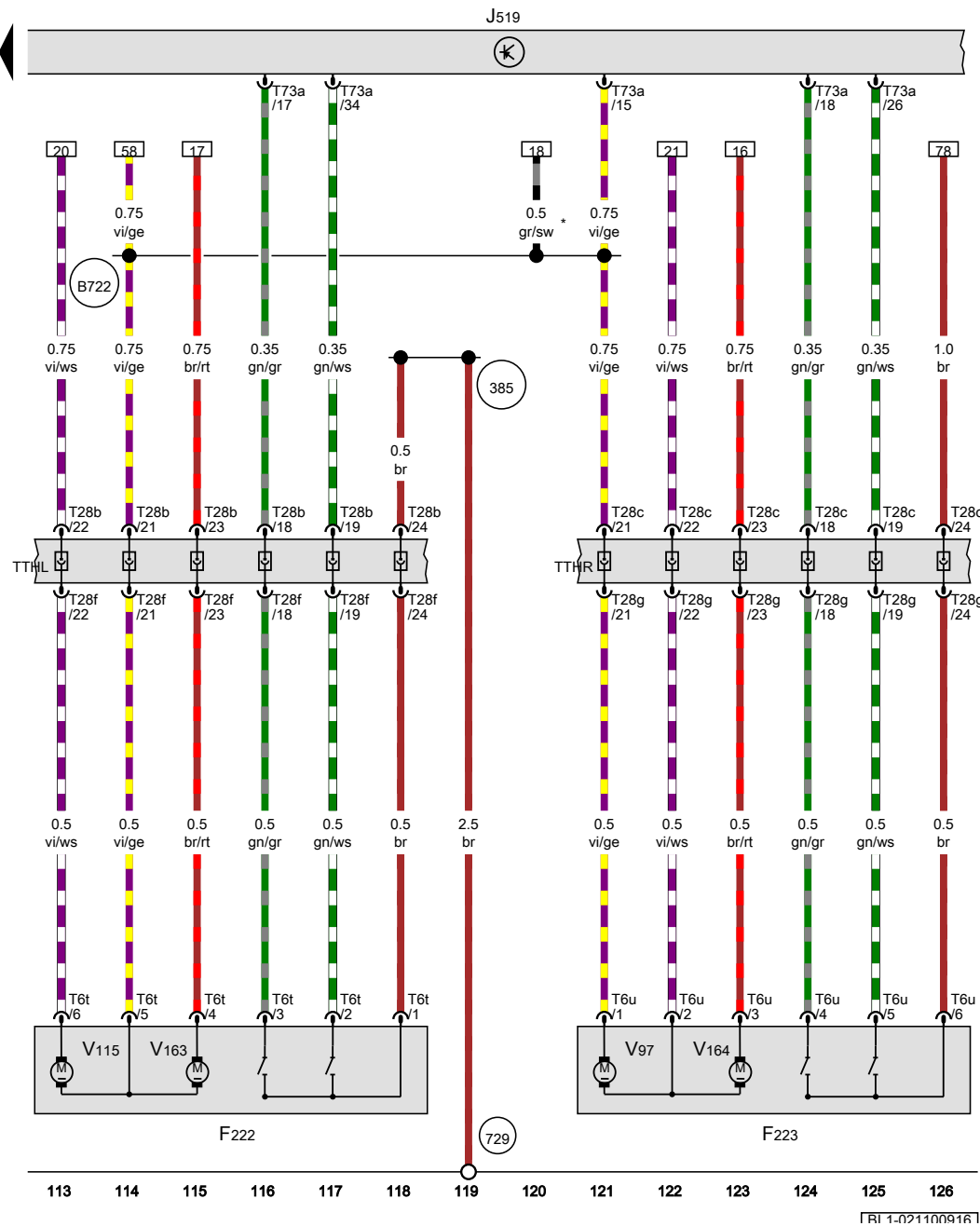
Rear lid handle release button, Rear lid lock unit, Onboard supply control unit



- E234 Rear lid handle release button, in rear lid
- F256 Rear lid lock unit, in rear lid
- J519 Onboard supply control unit, on dash panel insert
- T2c 2-pin connector, black
- T4 4-pin connector, black
- T5c 5-pin connector, brown
- T5d 5-pin connector
- T5m 5-pin connector, black, brown
- T5n 5-pin connector
- T73a 73-pin connector, black
- THK Coupling point for rear lid
- V53 Rear lid central locking motor

- 44 Earth point, lower part of left A-pillar
- 98 Earth connection, in rear lid wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column

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



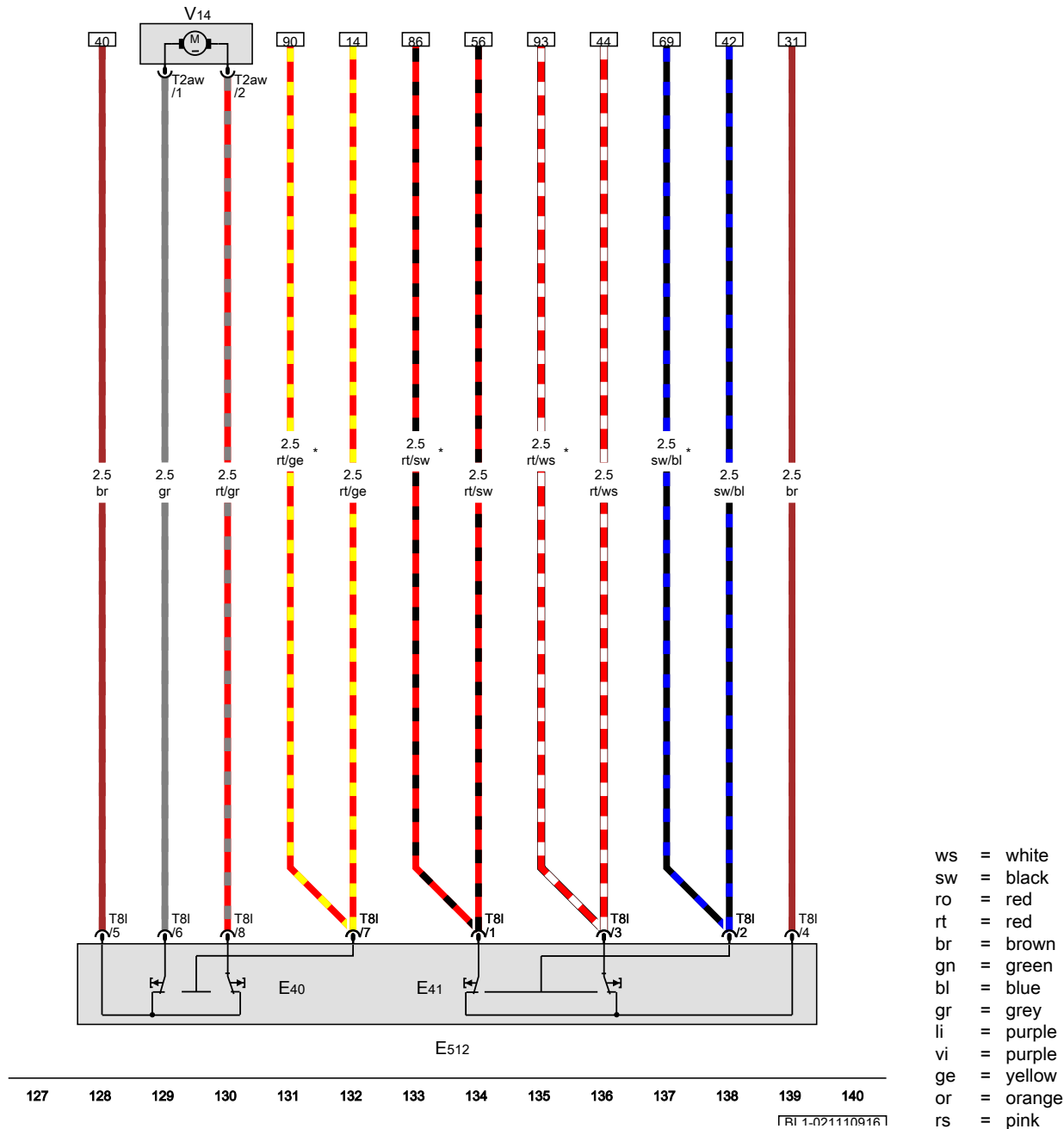
Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit

- F222 Rear left central locking lock unit, in rear left door
- F223 Rear right central locking lock unit, in rear right door
- J519 Onboard supply control unit, on dash panel insert
- T6t 6-pin connector, black
- T6u 6-pin connector, black
- T28b 28-pin connector
- T28c 28-pin connector
- T28f 28-pin connector, black
- T28g 28-pin connector
- T73a 73-pin connector, black
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- V97 Rear right door central locking motor
- V115 Rear left door central locking motor
- V163 Rear left door central locking SAFELOCK function motor
- V164 Rear right door central SAFELOCK function locking motor

- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B722 Connection 3 (central locking), in main wiring harness
- * Only right-hand drive models

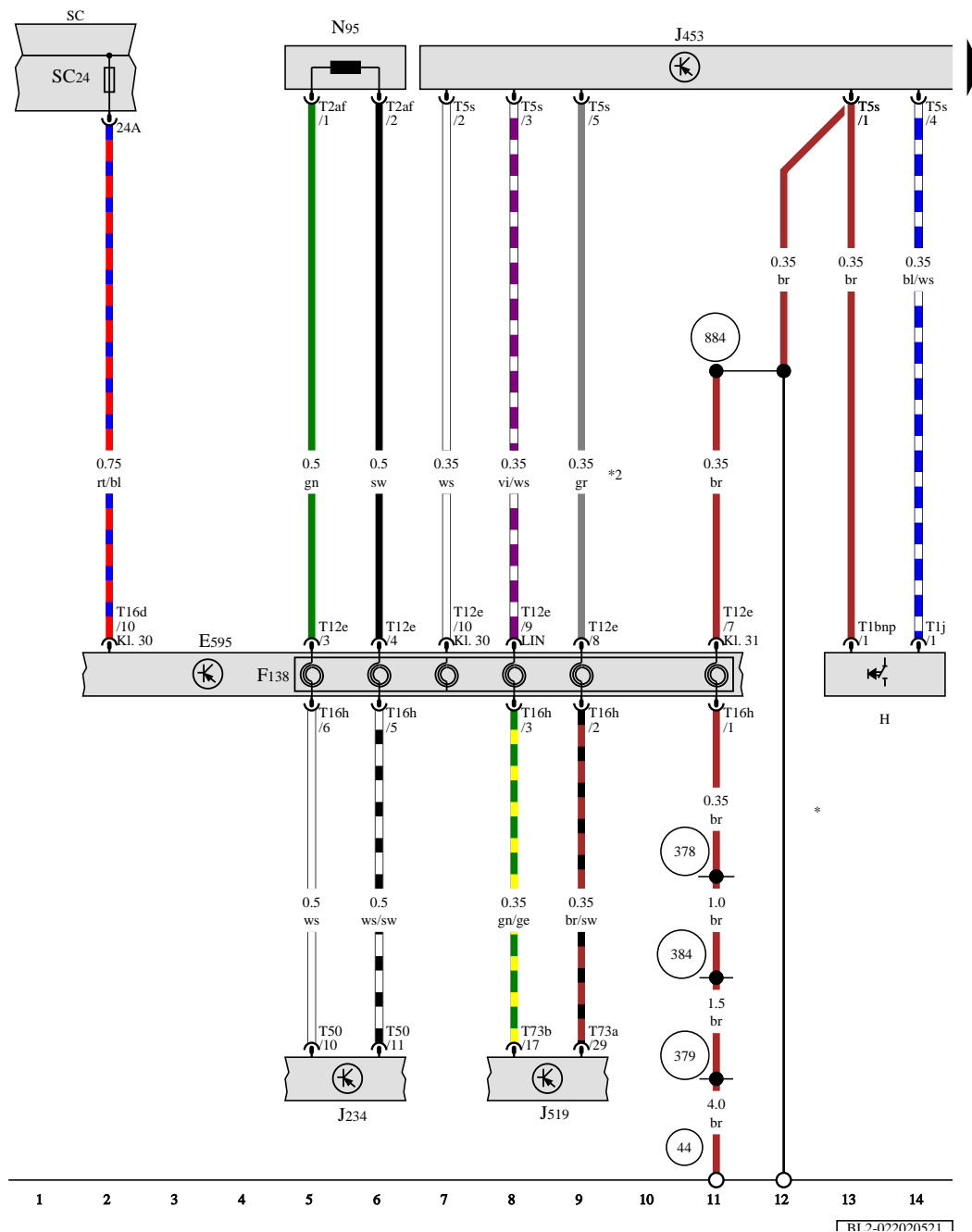
Operating unit for window regulator in driver door, Left
window regulator motor

- E40 Front left window regulator switch
- E41 Front right window regulator switch
- E512 Operating unit for window regulator in driver door, in driver door
- T2aw 2-pin connector, black
- T8I 8-pin connector, black
- V14 Left window regulator motor, in driver door
- * Only right-hand drive models



Multifunction steering wheel , (2ZH)

From August 2016

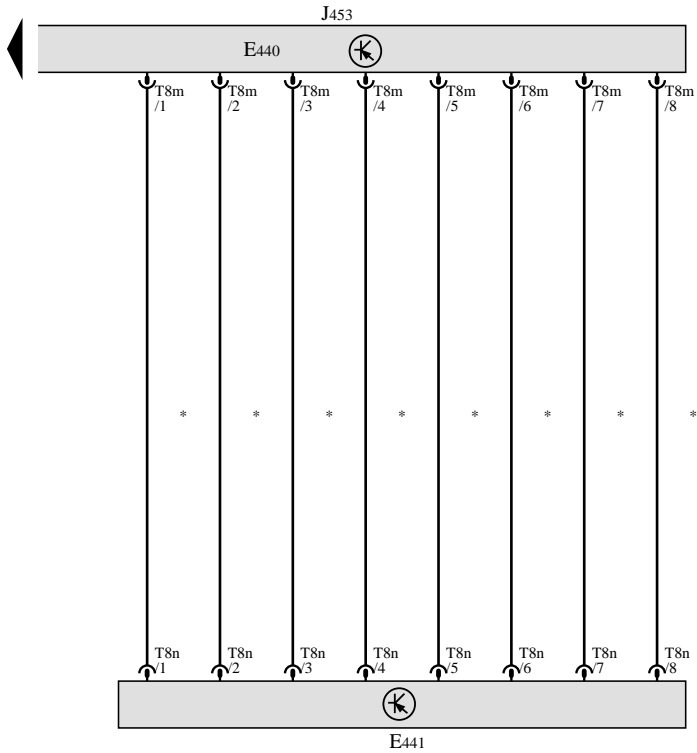


Steering column combination switch, Horn plate, Airbag control unit, Multifunction steering wheel control unit, Onboard supply control unit, Airbag igniter on driver side, Fuse holder C

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J519 Onboard supply control unit
- N95 Airbag igniter on driver side
- SC Fuse holder C
- SC24 Fuse 24 on fuse holder C
- T1bnp 1-pin connector, Terminal
- T1j 1-pin connector, Terminal
- T2af 2-pin connector, black
- T5s 5-pin connector, black
- T12e 12-pin connector, white
- T16d 16-pin connector, black
- T16h 16-pin connector, black
- T50 50-pin connector, yellow
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

- 44 Earth point, lower part of left A-pillar
- 378 Earth connection 13, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 884 Earth connection 1 in steering wheel wiring harness
- * Earth supply via housing
- *2 For models with cruise control system (CCS)

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



Multifunction buttons on left in steering wheel,
Multifunction buttons on right in steering wheel,
Multifunction steering wheel control unit

- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- J453 Multifunction steering wheel control unit
- T8m 8-pin connector, black
- T8n 8-pin connector, black
- * Adapter wire

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

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

[R1 2-022030571]

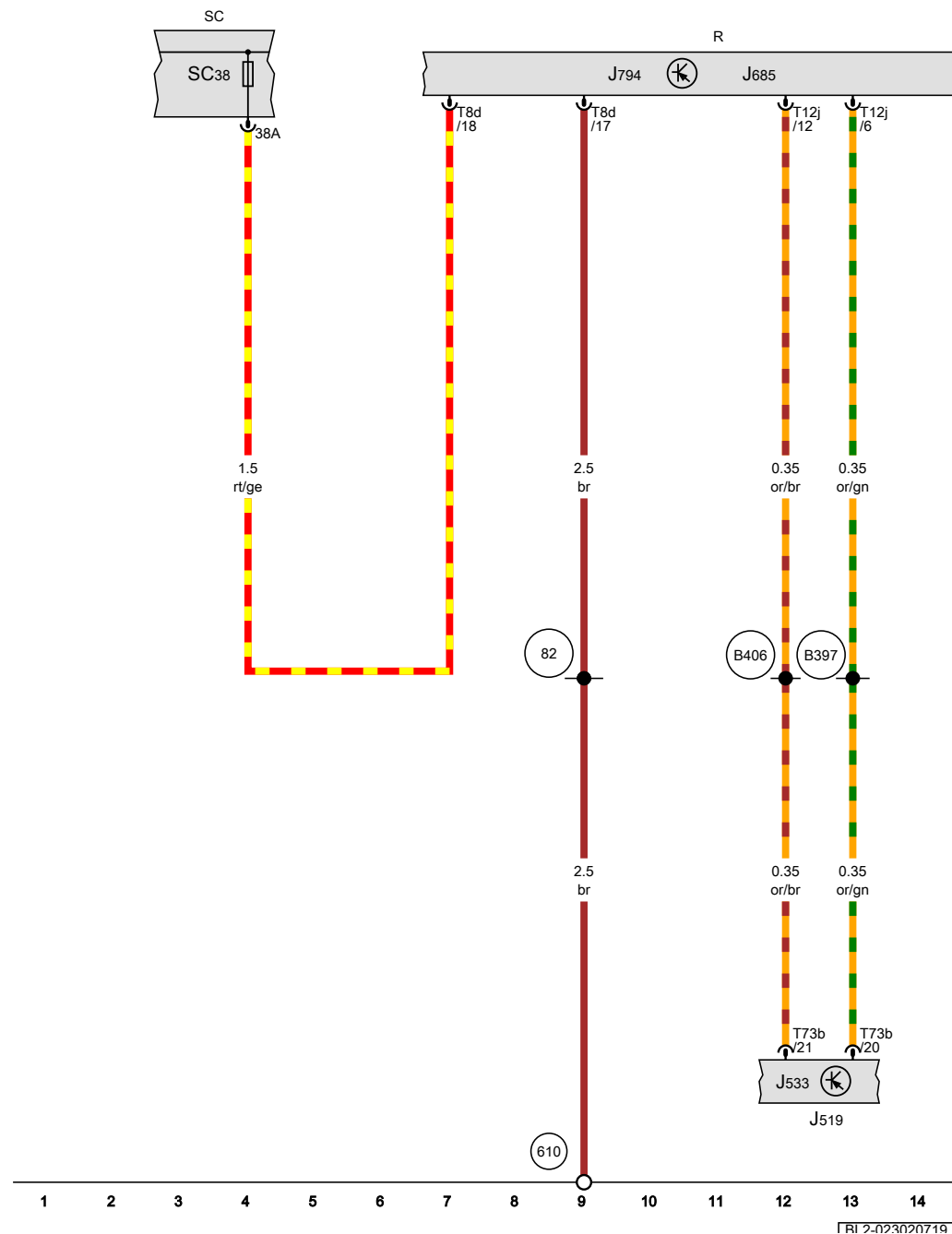
Radio system , (I6V)

From August 2016

Onboard supply control unit, Radio, Fuse holder C

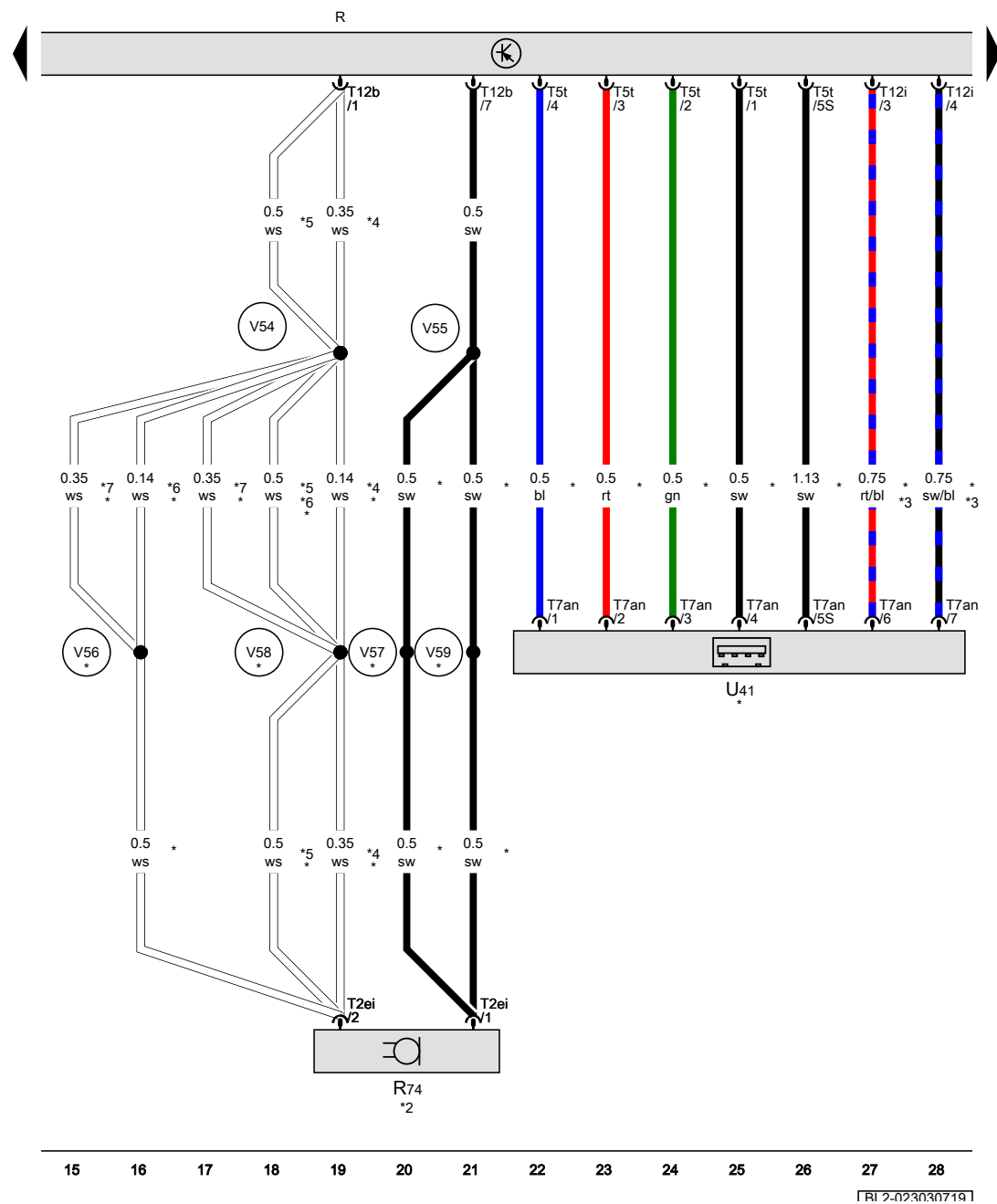
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- R Radio
- SC Fuse holder C
- SC38 Fuse 38 on fuse holder C
- T8d 8-pin connector, black
- T12j 12-pin connector, grey
- T73b 73-pin connector, colourless

- 82 Earth connection 1, in front left wiring harness
- 610 Earth point (audio), front below centre console
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

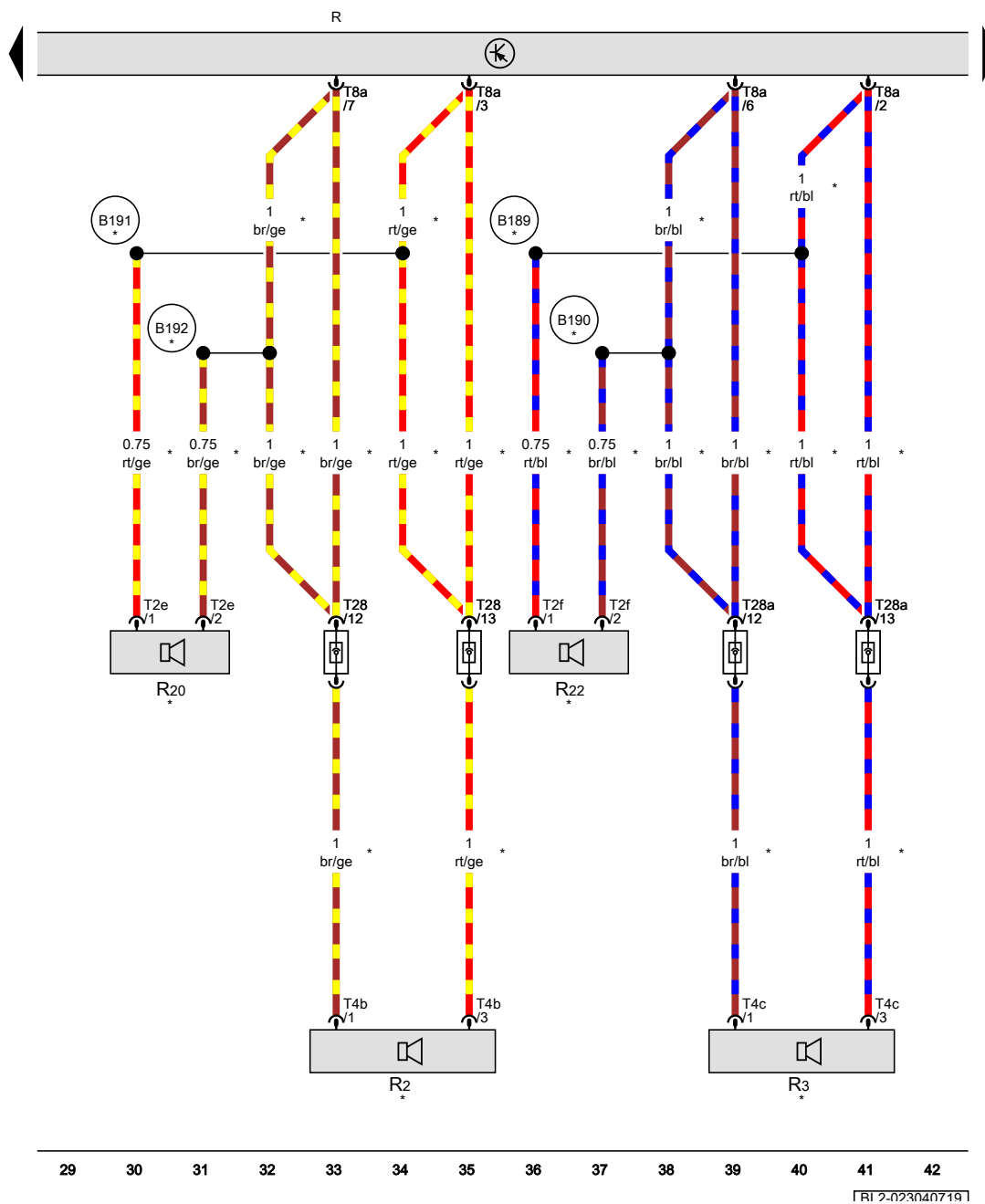


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Radio, Internal microphone, USB connection 1



- R Radio
- R74 Internal microphone
- T2ei 2-pin connector, black
- T5t 5-pin connector, yellow
- T7an 7-pin connector, black
- T12b 12-pin connector, blue
- T12i 12-pin connector, green
- U41 USB connection 1
- V54 Connection 1 (telephone), in main wiring harness
- V55 Connection 2 (telephone), in main wiring harness
- V56 Connection 3 (telephone), in main wiring harness
- V57 Connection 4 (telephone), in main wiring harness
- V58 Connection 5 (telephone), in main wiring harness
- V59 Connection 6 (telephone), in main wiring harness
- * According to equipment
- *2 Pre-wired component
- *3 Different wire colour possible
- *4 Up to May 2017
- *5 From May 2017
- *6 Up to July 2018
- *7 From July 2018

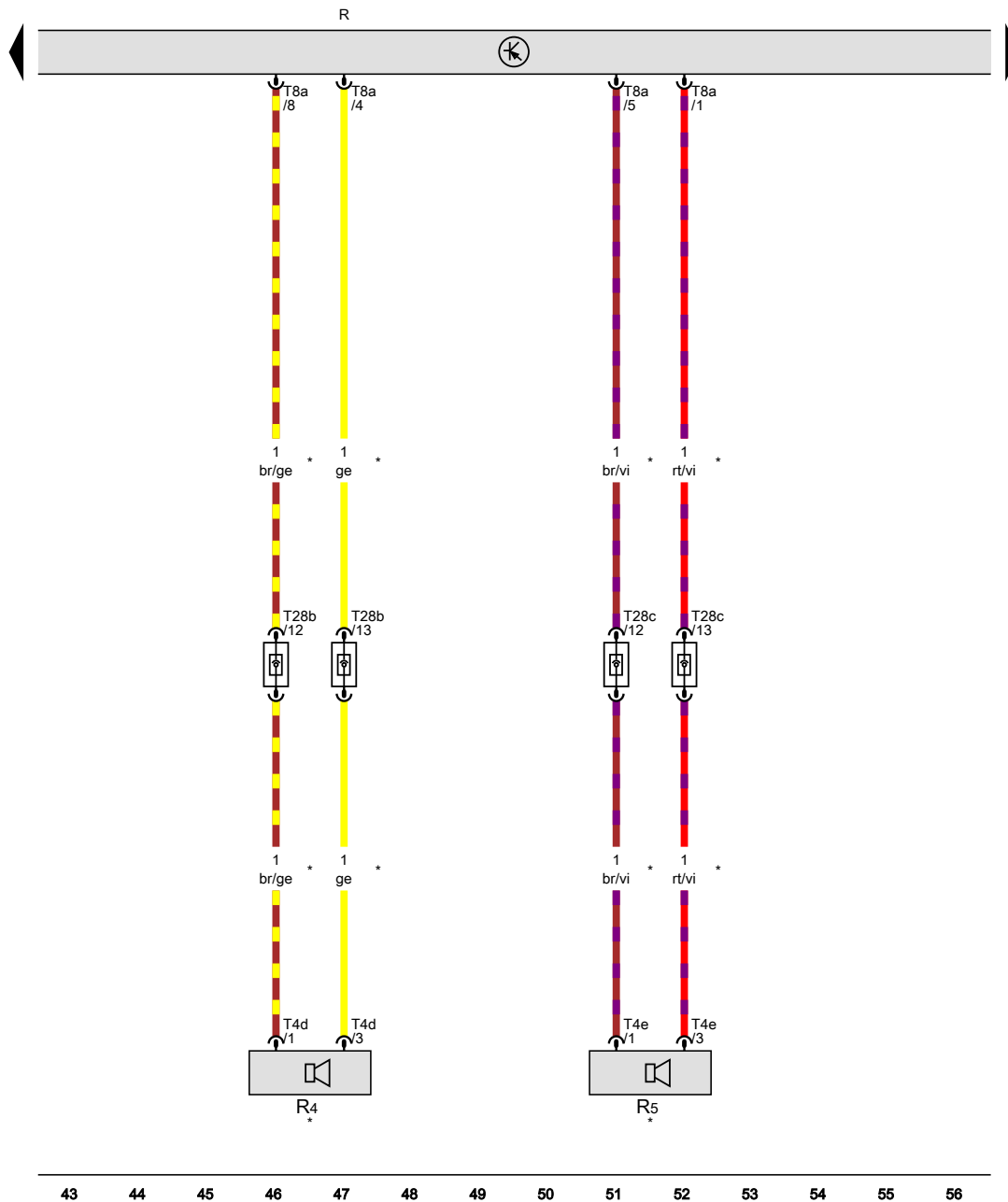


Radio, Front left loudspeaker, Front right loudspeaker, Front left treble loudspeaker, Front right treble loudspeaker

- R Radio
- R2 Front left loudspeaker
- R3 Front right loudspeaker
- R20 Front left treble loudspeaker
- R22 Front right treble loudspeaker
- T2e 2-pin connector, black
- T2f 2-pin connector, black
- T4b 4-pin connector, black
- T4c 4-pin connector, black
- T8a 8-pin connector, brown
- T28 28-pin connector, black
- T28a 28-pin connector, black
- B189 Connection (positive, front right loudspeaker), in interior wiring harness
- B190 Connection (negative, front right loudspeaker), in interior wiring harness
- B191 Connection (positive, front left loudspeaker), in interior wiring harness
- B192 Connection (negative, front left loudspeaker), in interior wiring harness
- * According to equipment

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

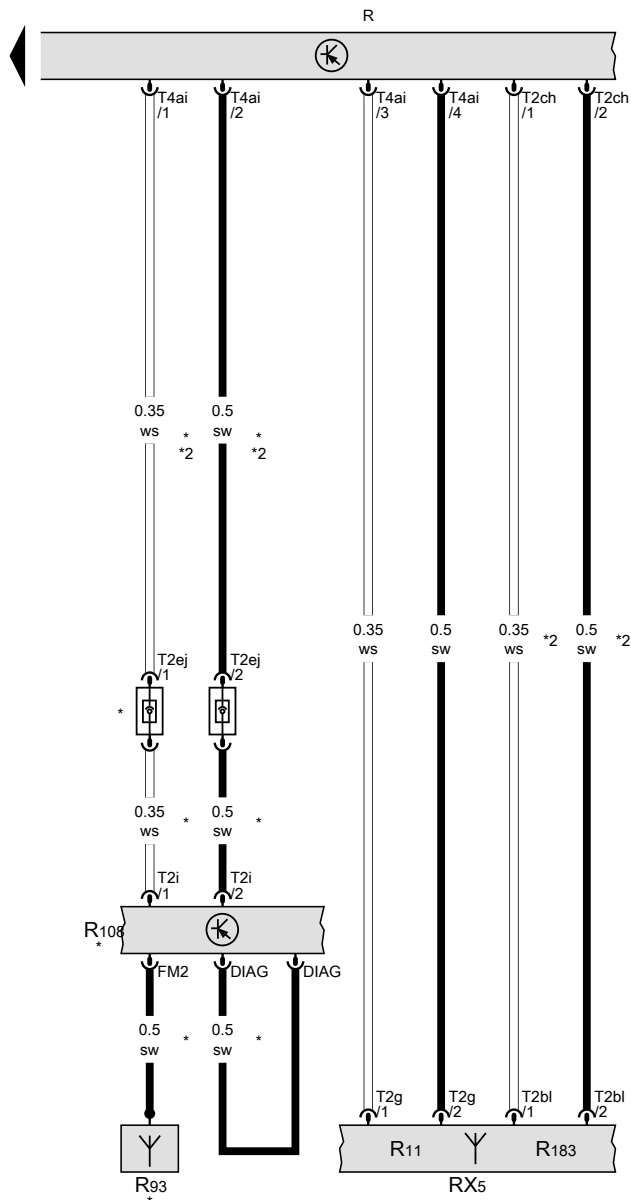
Radio, Rear left loudspeaker, Rear right loudspeaker



- R Radio
- R4 Rear left loudspeaker
- R5 Rear right loudspeaker
- T4d 4-pin connector, black
- T4e 4-pin connector, black
- T8a 8-pin connector, brown
- T28b 28-pin connector, grey
- T28c 28-pin connector, grey
- * 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

Radio, Roof aerial, Radio aerial 2, Left aerial module



- R Radio
- RX5 Roof aerial
- R11 Aerial
- R93 Radio aerial 2
- R108 Left aerial module
- R183 Digital radio aerial
- T2bl 2-pin connector, black
- T2ch 2-pin connector, white
- T2ej 2-pin connector, green
- T2g 2-pin connector, white
- T2i 2-pin connector, colourless
- T4ai 4-pin connector, white
- * Up to November 2017
- *2 For models with digital radio

- 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 camera (Rear Assist) , (KA1)

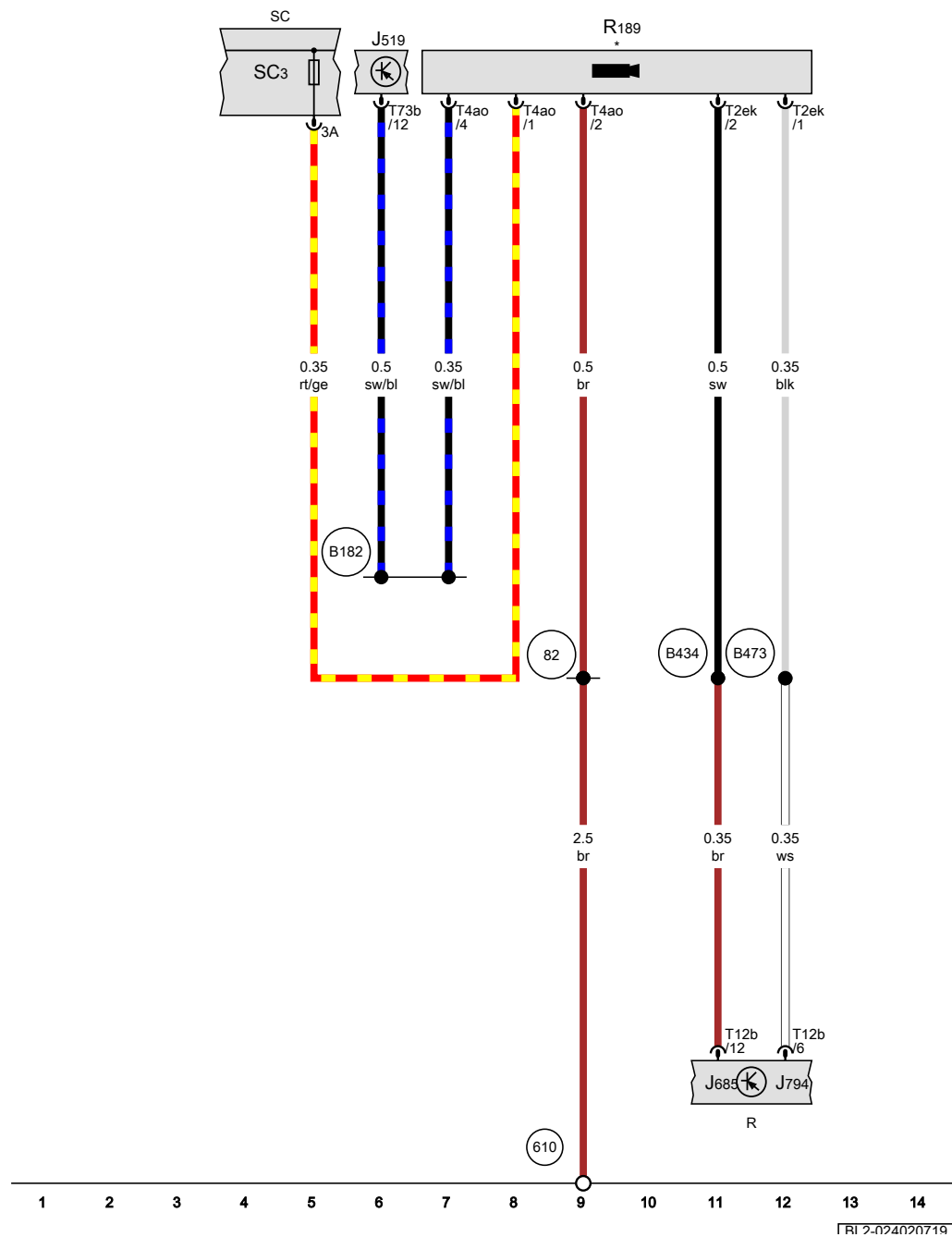
From August 2016

Onboard supply control unit, Radio, Reversing camera, Fuse holder C

- J519 Onboard supply control unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- R Radio
- R189 Reversing camera
- SC Fuse holder C
- SC3 Fuse 3 on fuse holder C
- T2ek 2-pin connector, white
- T4ao 4-pin connector, black
- T12b 12-pin connector, blue
- T73b 73-pin connector, colourless

- 82 Earth connection 1, in front left wiring harness
- 610 Earth point (audio), front below centre console
- B182 Connection (RL), in interior wiring harness
- B434 Connection 1 (screen), in main wiring harness
- B473 Connection 9, in main wiring harness

* Pre-wired component



Basic equipment

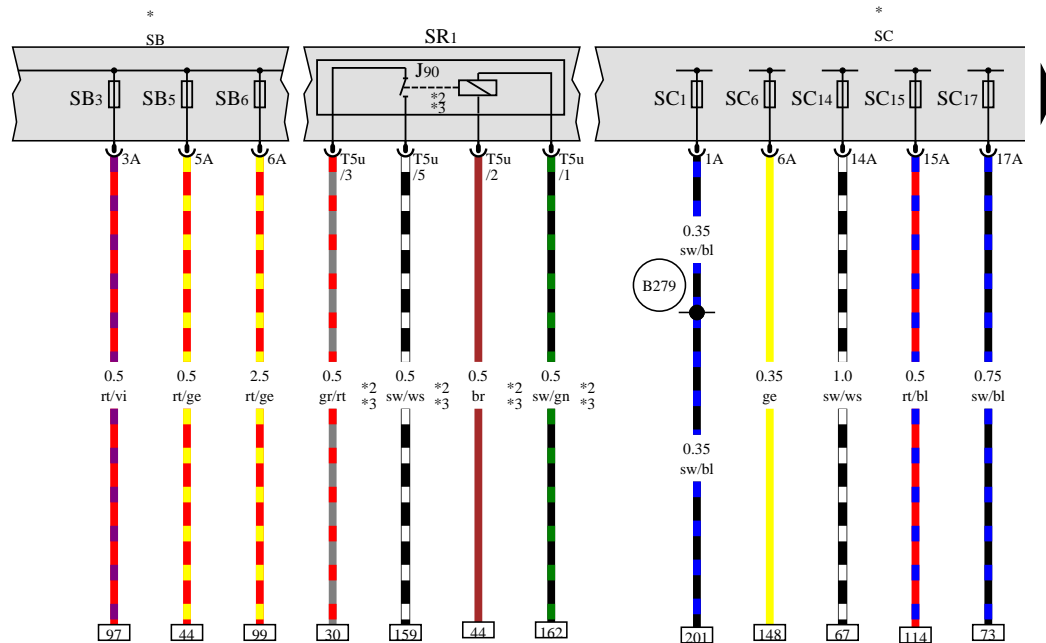
From August 2016

Daytime running light switch-on relay, Fuse holder B, Fuse holder C, Relay and fuse carrier 1

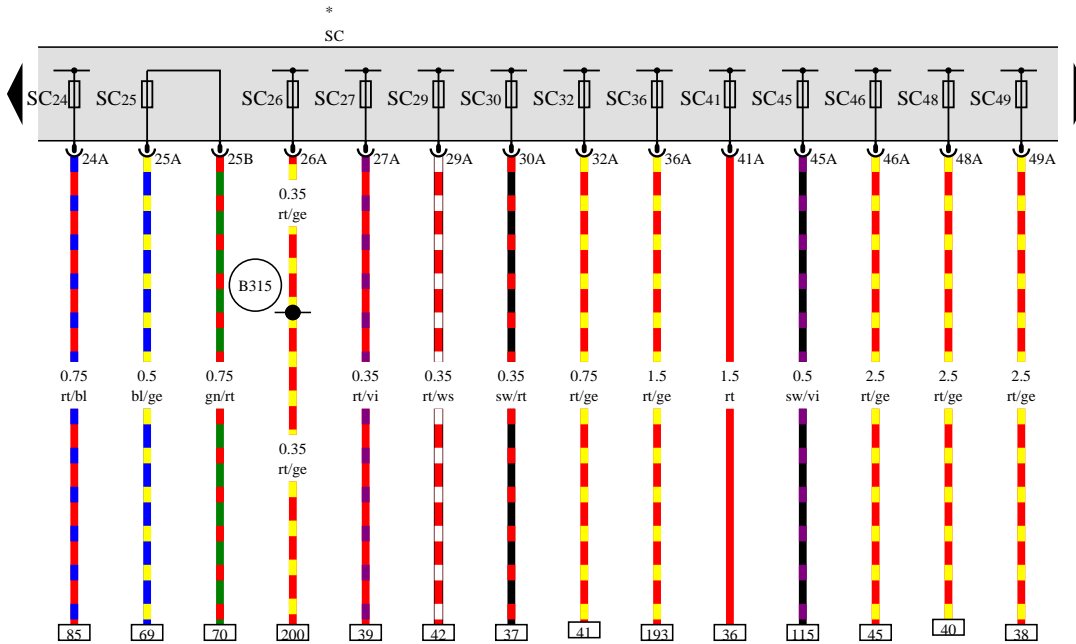
- J90 Daytime running light switch-on relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SR1 Relay and fuse carrier 1
- SC6 Fuse 6 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- T5u 5-pin connector, black

B279 Positive connection 3 (15a) in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Up to November 2016
- *3 According to equipment



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



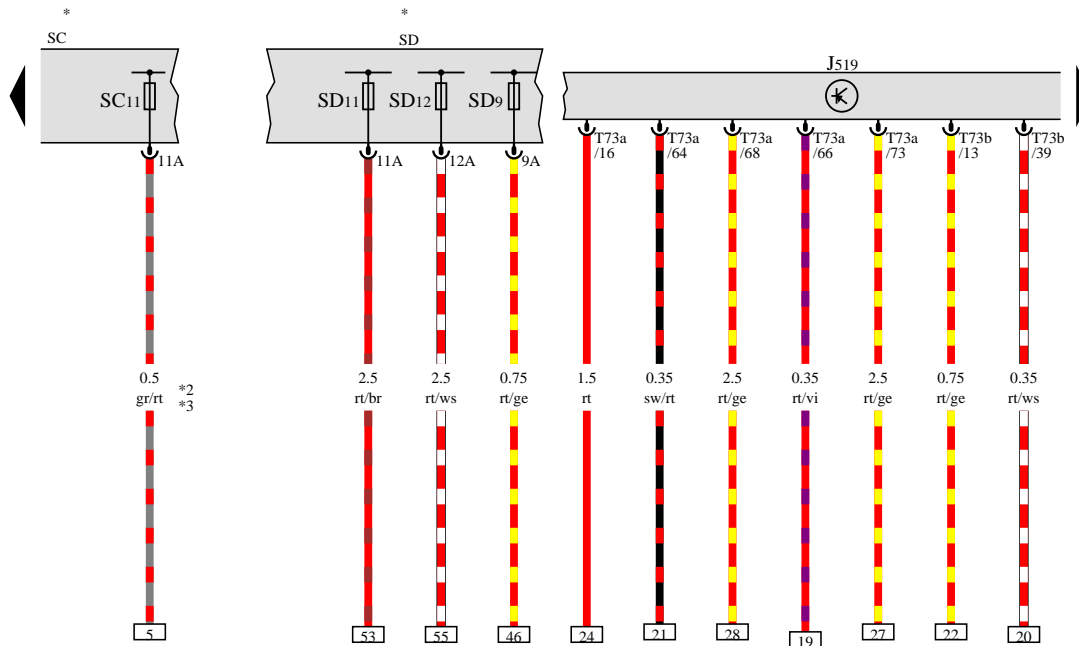
Fuse holder C

SC	Fuse holder C
SC24	Fuse 24 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
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C

B315 Positive connection 1 (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

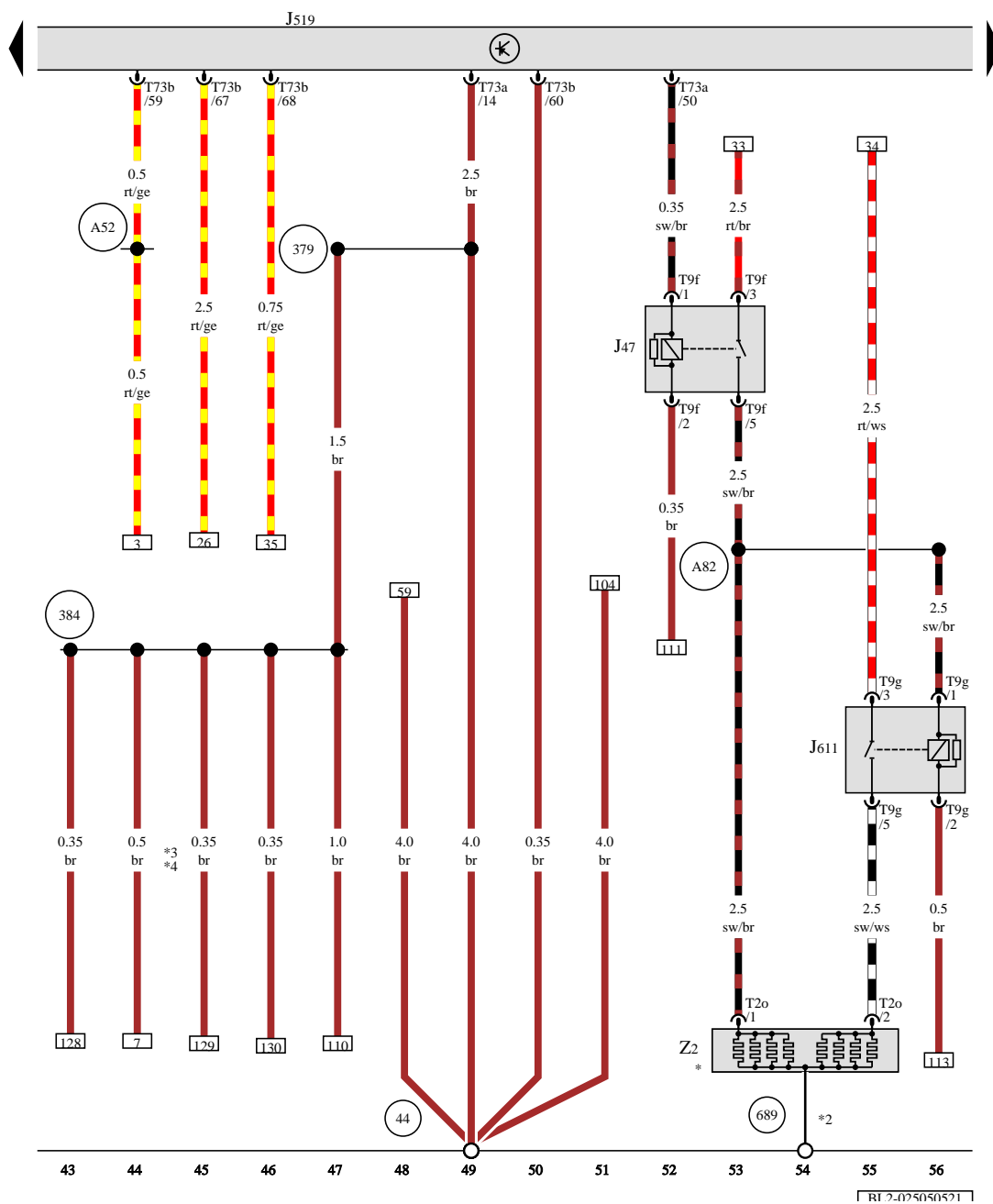


Onboard supply control unit, Fuse holder C, Fuse holder D

- J519 Onboard supply control unit
- SC Fuse holder C
- SD Fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD11 Fuse 11 on fuse holder D
- SC11 Fuse 11 on fuse holder C
- SD12 Fuse 12 on fuse holder D
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- * see applicable current flow diagram for fuse assignment
- *2 Up to November 2016
- *3 According to equipment

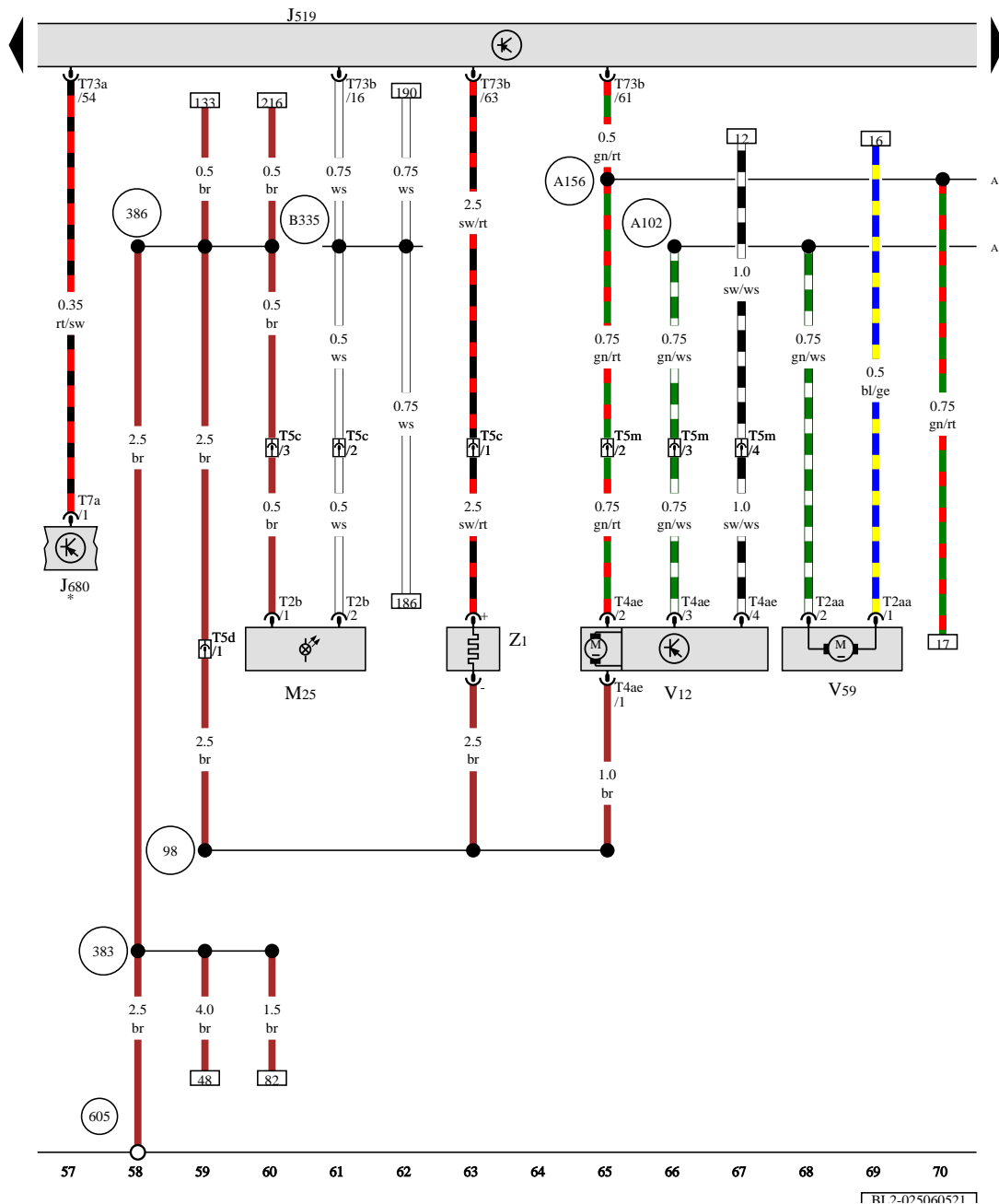
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Heated windscreen relay, Onboard supply control unit,
Heated windscreen relay 2, Heated windscreen



- | | |
|------|--|
| J47 | Heated windscreen relay |
| J519 | Onboard supply control unit |
| J611 | Heated windscreen relay 2 |
| T2o | 2-pin connector, black |
| T9f | 9-pin connector, black |
| T9g | 9-pin connector, black |
| T73a | 73-pin connector, black |
| T73b | 73-pin connector, colourless |
| Z2 | Heated windscreen |
| 44 | Earth point, lower part of left A-pillar |
| 379 | Earth connection 14, in main wiring harness |
| 384 | Earth connection 19, in main wiring harness |
| 689 | Earth point, at front, central in roof |
| A52 | Positive connection 2 (30), in dash panel wiring harness |
| A82 | Connection (windscreen heater), in dash panel wiring harness |
| * | Pre-wired component |
| *2 | Earth supply via housing |
| *3 | Up to November 2016 |
| *4 | According to equipment |

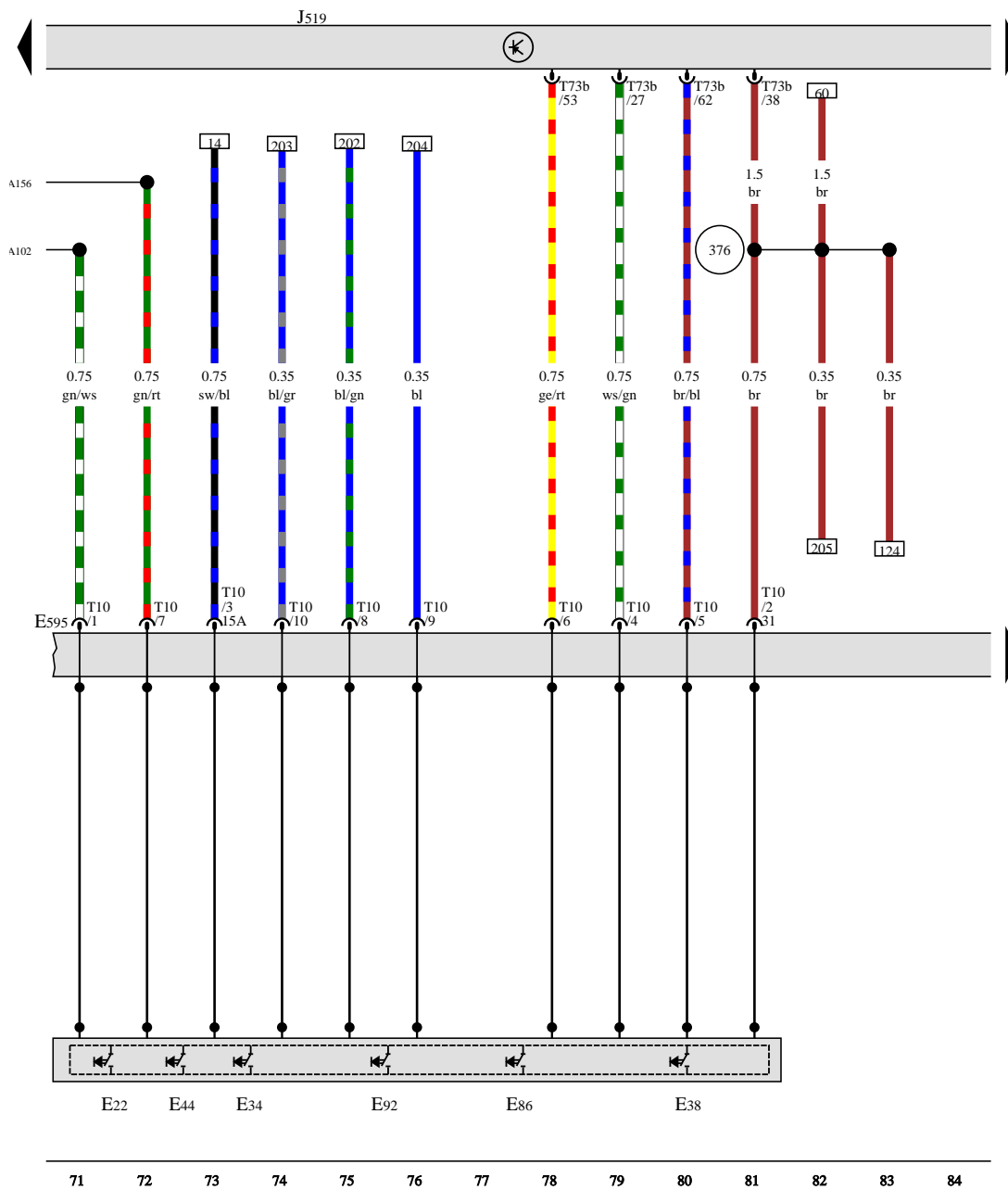
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Windscreen and rear window washer pump, Heated rear window

- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- M25 High-level brake light bulb
- T2aa 2-pin connector, black
- T2b 2-pin connector, black
- T4ae 4-pin connector, black
- T5c 5-pin connector, in rear lid, black
- T5d 5-pin connector, black
- T5m 5-pin connector, brown
- T7a 7-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- Z1 Heated rear window

- 98 Earth connection, in rear lid wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness
- * see applicable current flow diagram for fuse assignment

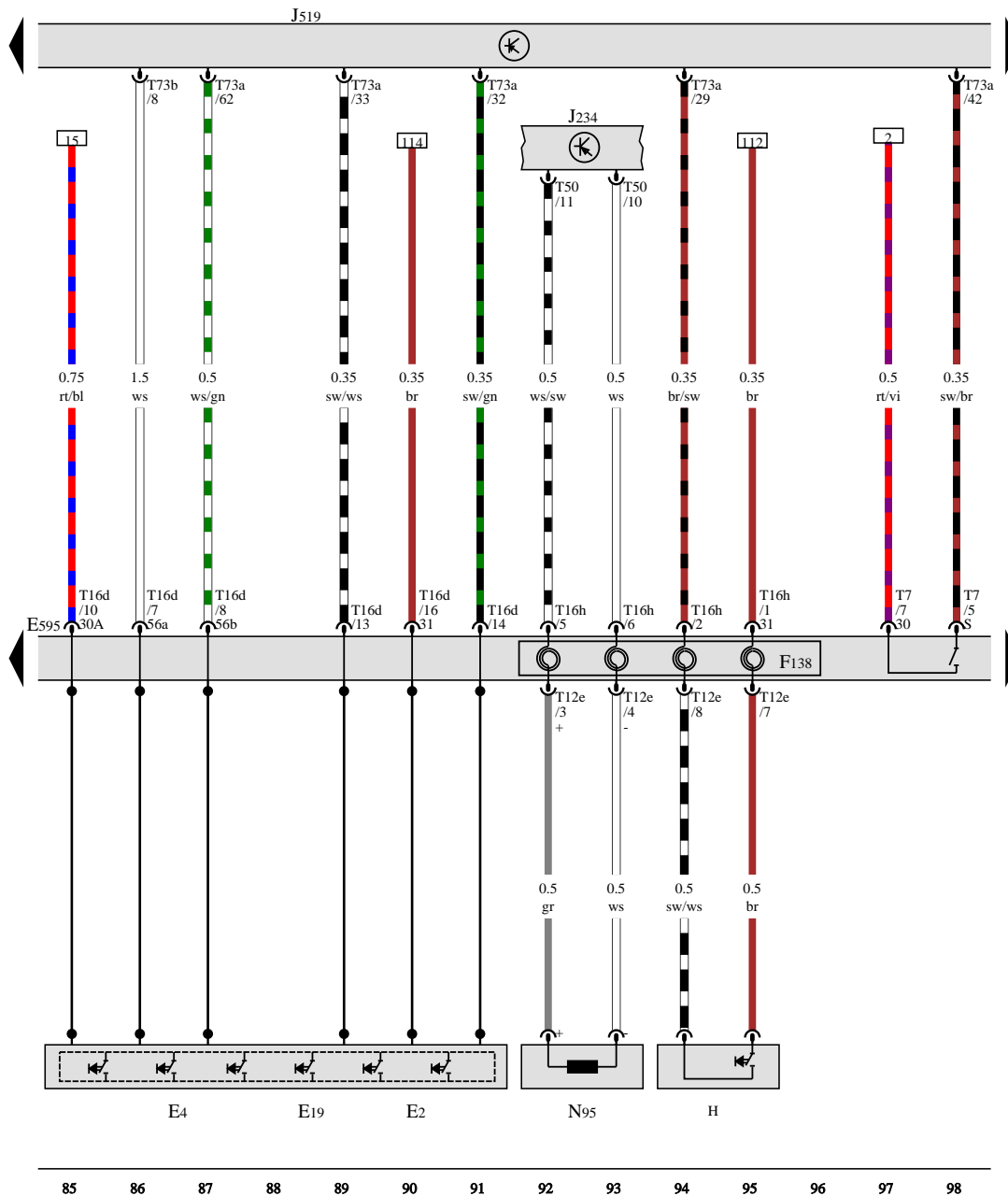


Steering column combination switch, Onboard supply control unit

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- T10 10-pin connector, black
- T73b 73-pin connector, colourless

- 376 Earth connection 11, in main wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness

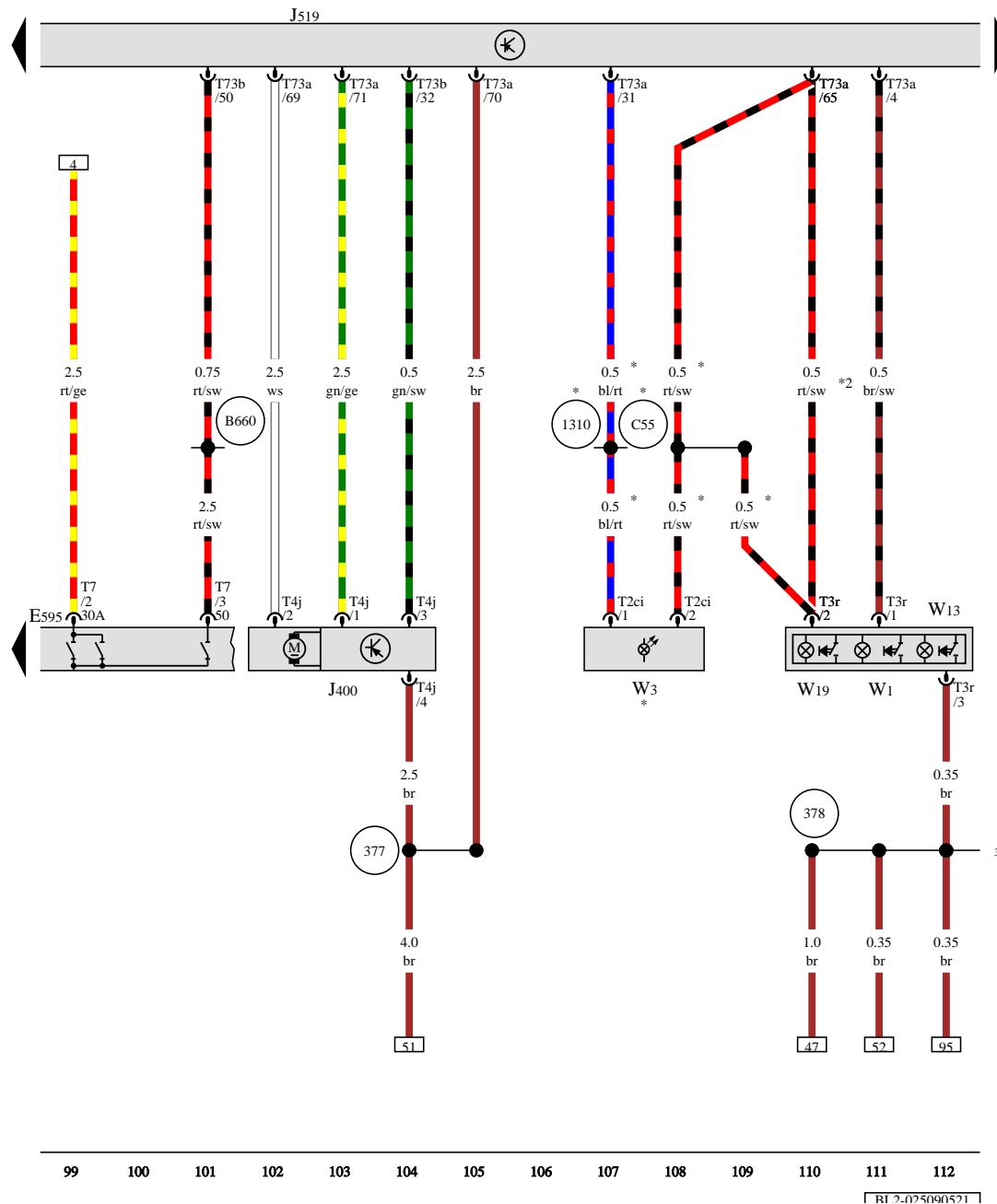
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Turn signal switch, Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Onboard supply control unit, Airbag igniter on driver side

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Airbag igniter on driver side
- T7 7-pin connector, black
- T12e 12-pin connector, black
- T16d 16-pin connector, black
- T16h 16-pin connector, black
- T50 50-pin connector, green
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

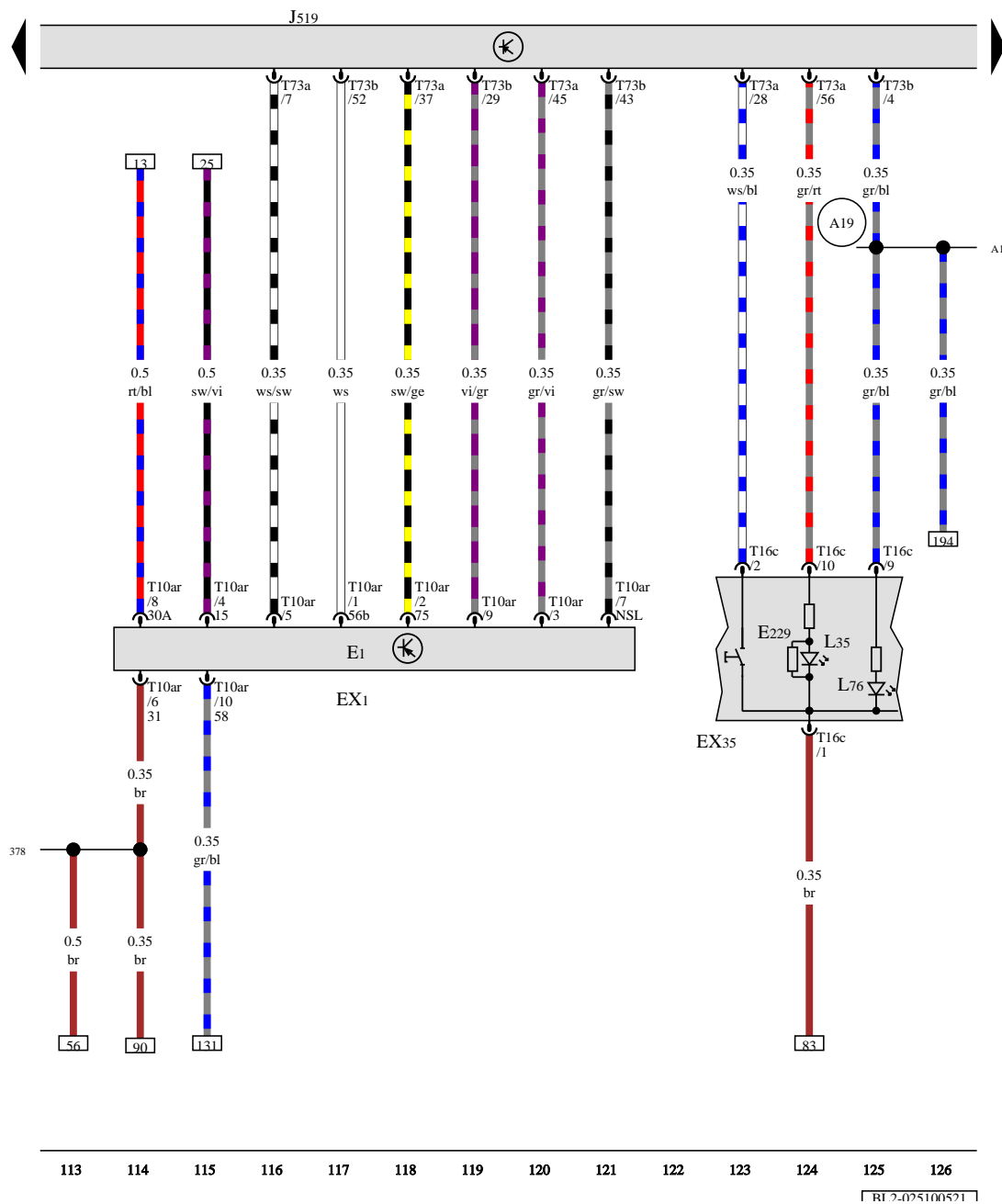
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Steering column combination switch, Wiper motor control unit, Onboard supply control unit, Front interior light, Luggage compartment light, Front passenger reading light, Driver side reading light

- E595 Steering column combination switch
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- T2ci 2-pin connector, black
- T3r 3-pin connector, black
- T4j 4-pin connector, black
- T7 7-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W19 Driver side reading light

- 377 Earth connection 12, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 1310 Earth connection 36, in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- C55 Positive connection (30a), in front left wiring harness
- * For models with luggage compartment light
- *2 For models with no luggage compartment light



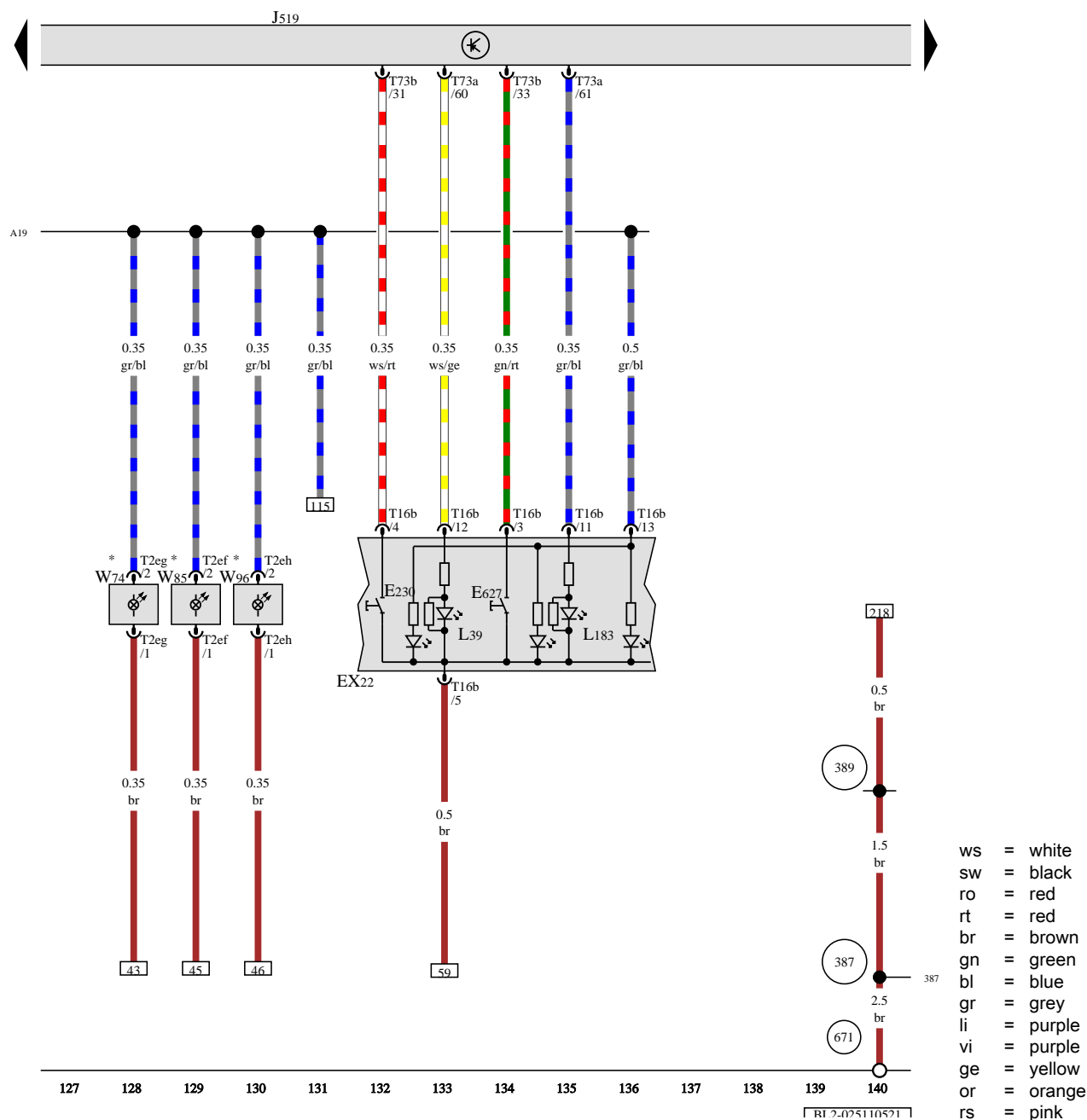
Rotary light switch, Centre switch module 2 in dash panel, Hazard warning lights button, Onboard supply control unit

- EX1 Rotary light switch
- E1 Light switch
- EX35 Centre switch module 2 in dash panel
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- L35 Hazard warning lights switch illumination bulb
- L76 Button illumination bulb
- T10ar 10-pin connector, black
- T16c 16-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

378 Earth connection 13, in main wiring harness

A19 Connection (58d), in dash panel wiring harness

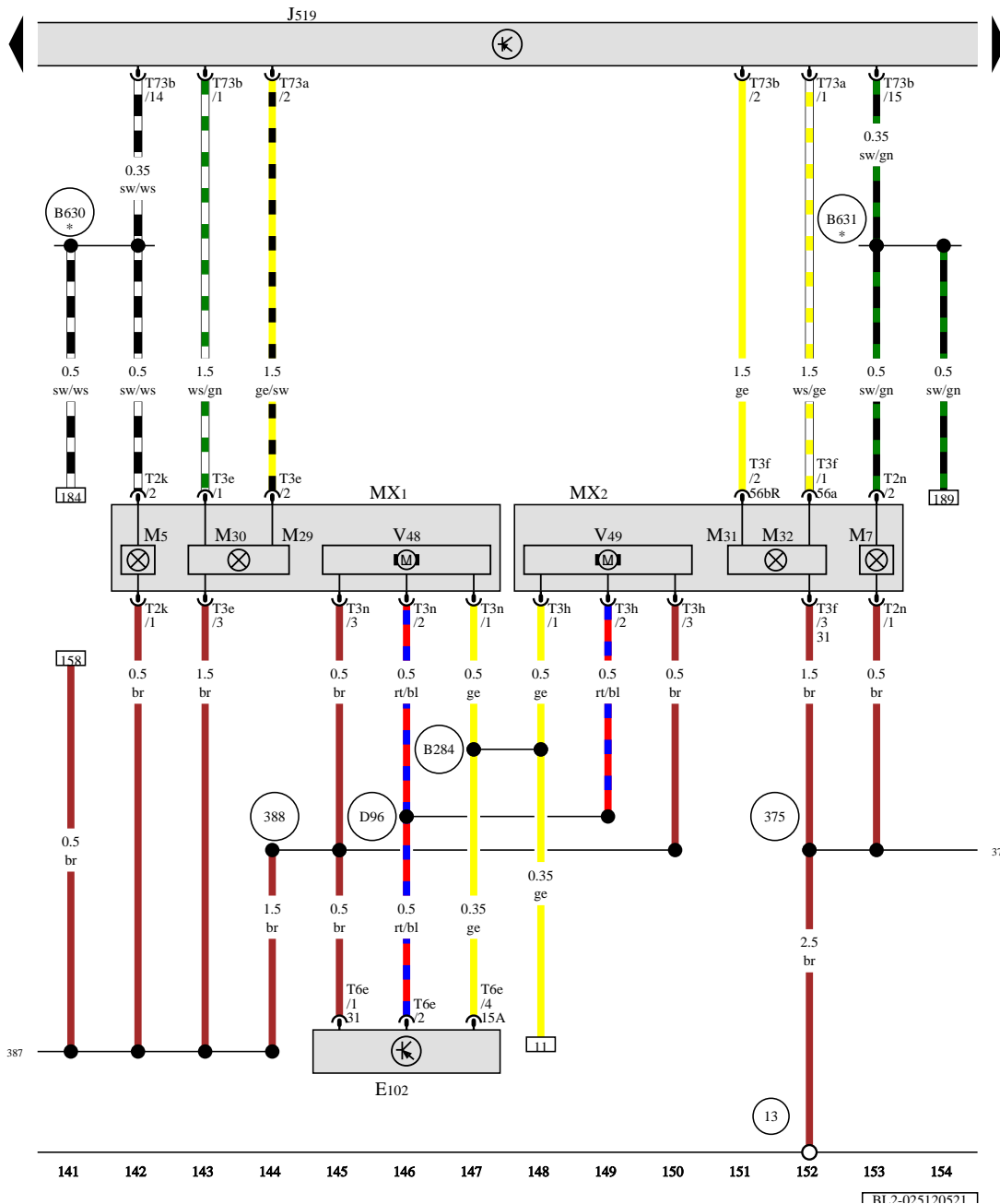
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Centre switch module in dash panel, Heated rear window button, Onboard supply control unit, Light conductor for front centre console background lighting, Light conductor for front passenger side background lighting, Light conductor for driver side background lighting

- EX22 Centre switch module in dash panel
- E230 Heated rear window button
- E627 Heated windscreen button
- J519 Onboard supply control unit
- L39 Heated rear window switch illumination bulb
- L183 Bulb for heated windscreen switch illumination
- T2ef 2-pin connector, black
- T2eg 2-pin connector, black
- T2eh 2-pin connector, black
- T16b 16-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- W74 Light conductor for front centre console background lighting
- W85 Light conductor for front passenger side background lighting
- W96 Light conductor for driver side background lighting

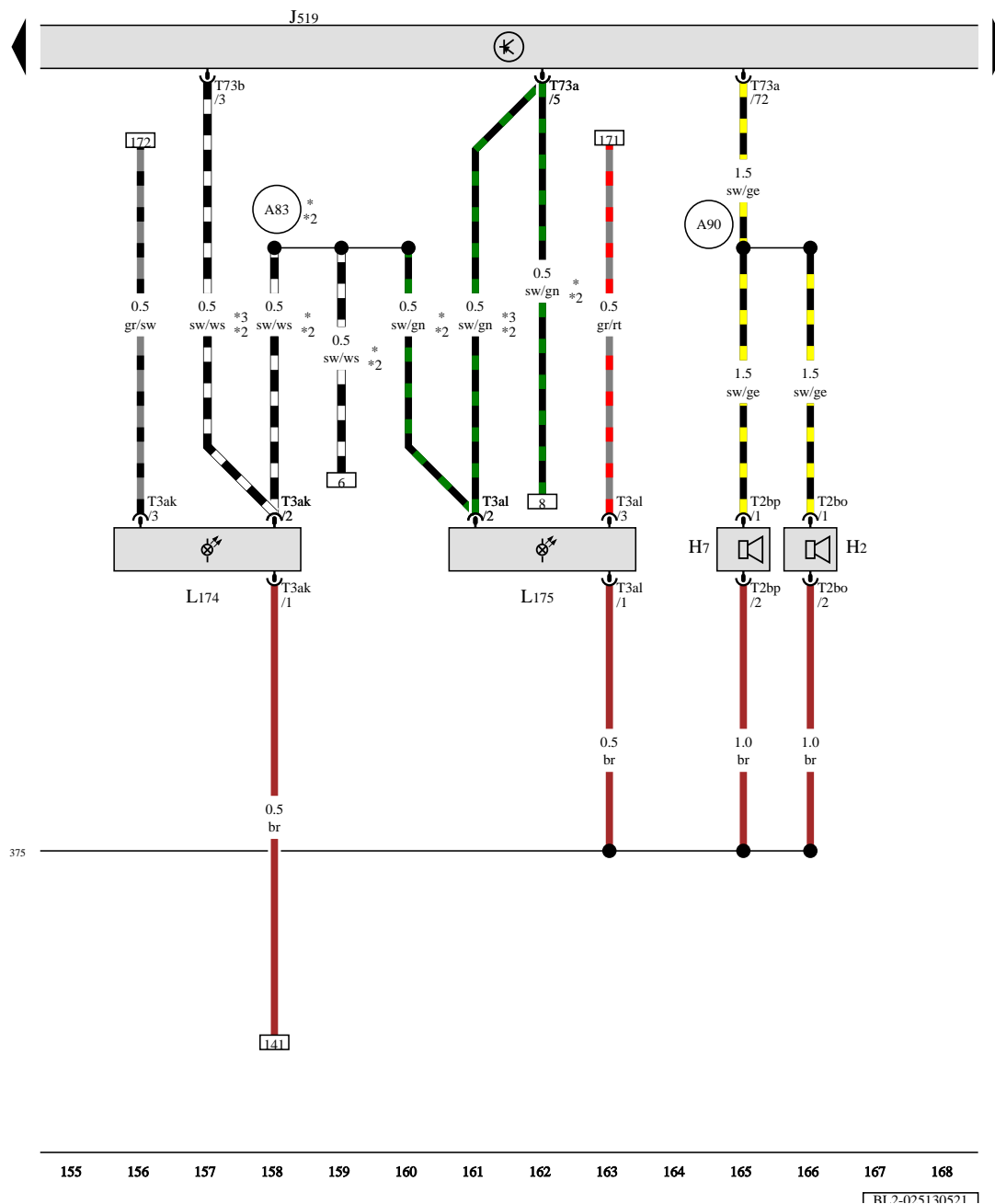
- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- A19 Connection (58d), in dash panel wiring harness
- * Pre-wired component



Headlight range control regulator, Onboard supply control unit, Front left headlight, Front right headlight, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Left headlight range control motor, Right headlight range control motor

- E102 Headlight range control regulator
- J519 Onboard supply control unit
- MX1 Front left headlight
- MX2 Front right headlight
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T2k 2-pin connector, black
- T2n 2-pin connector, black
- T3e 3-pin connector, colourless
- T3f 3-pin connector, colourless
- T3h 3-pin connector, black
- T3n 3-pin connector, black
- T6e 6-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V48 Left headlight range control motor
- V49 Right headlight range control motor

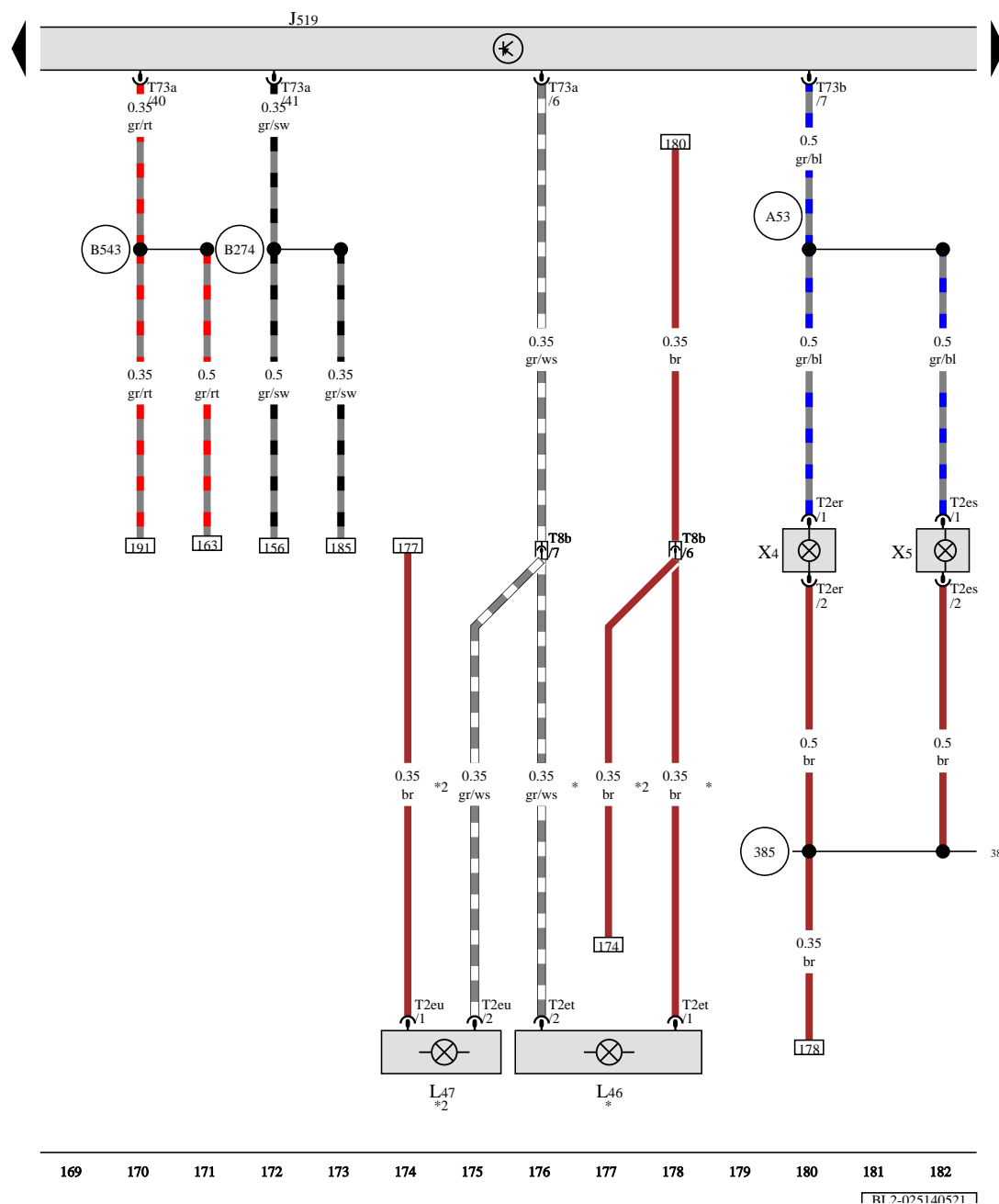
- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B284 Positive connection 8 (15a) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- D96 Connection (headlight range control), in engine compartment wiring harness
- * see applicable current flow diagram for convenience system



Treble horn, Bass horn, Onboard supply control unit, Left daytime running light bulb, Right daytime running light bulb

- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- L175 Right daytime running light bulb
- T2bo 2-pin connector, black
- T2bp 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

- 375 Earth connection 10, in main wiring harness
- A83 Connection (daytime running lights), in dash panel wiring harness
- A90 Connection (dual tone horn), in dash panel wiring harness
- * Up to November 2016
- *2 According to equipment
- *3 From October 2016

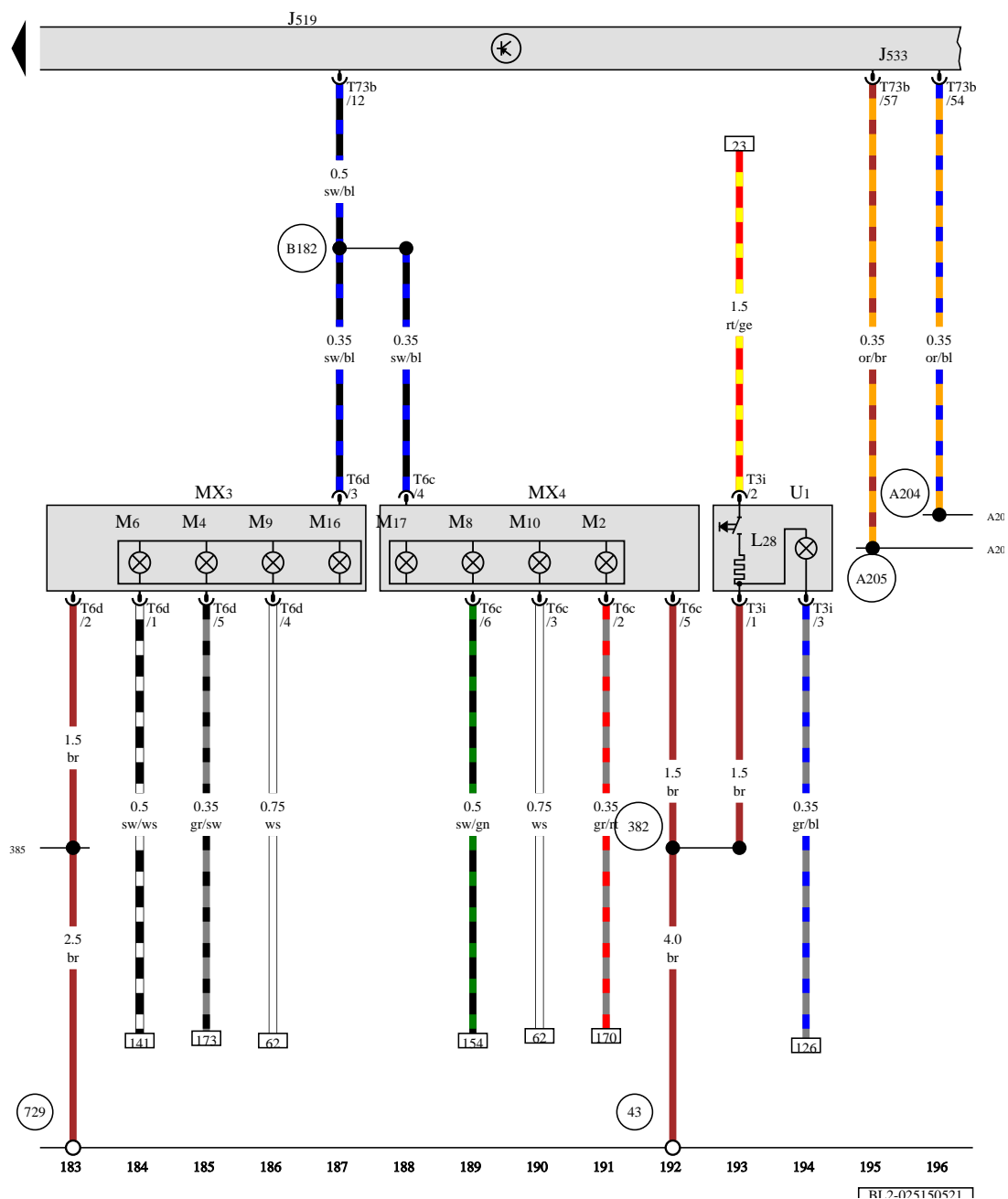


Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- T2er 2-pin connector, black
- T2es 2-pin connector, black
- T2et 2-pin connector, black
- T2eu 2-pin connector, black
- T8b 8-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- X4 Left number plate light
- X5 Right number plate light

- 385 Earth connection 20, in main wiring harness
- A53 Positive connection (58b), in dash panel wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

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

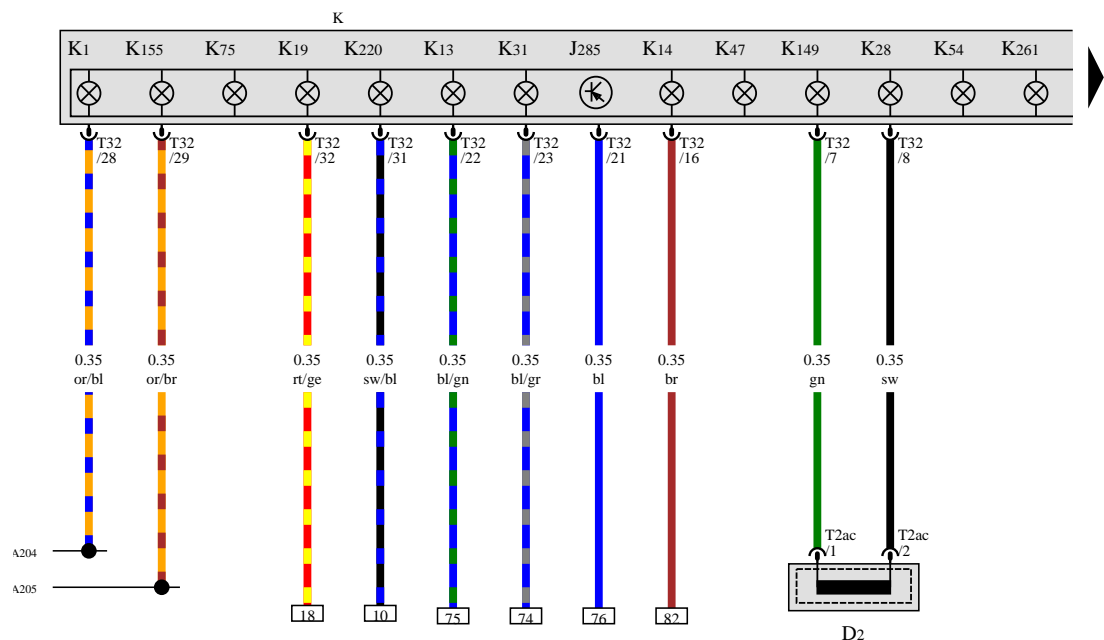


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 L28 Cigarette lighter illumination bulb
 M2 Right tail light bulb
 MX3 Left tail light cluster
 MX4 Right tail light cluster
 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
 M16 Left reversing light bulb
 M17 Right reversing light bulb
 T3i 3-pin connector, black
 T6c 6-pin connector, black
 T6d 6-pin connector, black
 T73b 73-pin connector, colourless
 U1 Cigarette lighter

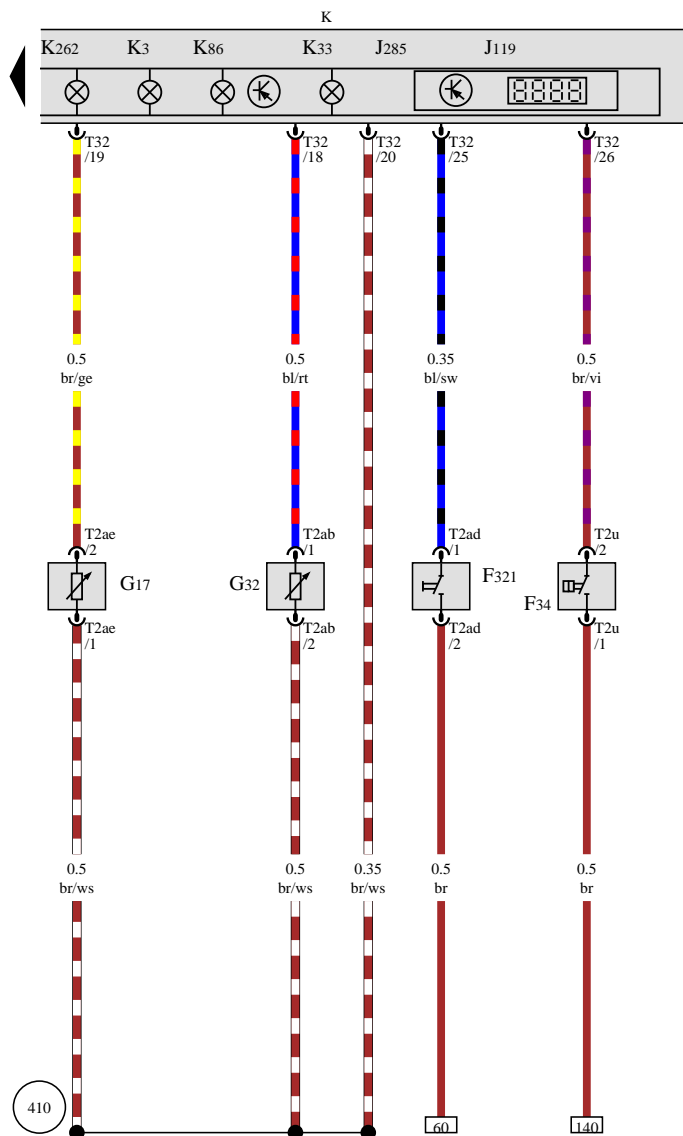
43 Earth point, lower part of right A-pillar
 382 Earth connection 17, in main wiring harness
 385 Earth connection 20, in main wiring harness
 729 Earth point, on left rear wheel housing
 A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
 A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness
 B182 Connection (RL), in interior wiring harness



Immobiliser reader coil, Control unit in dash panel insert, Dash panel insert

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- K14 Handbrake warning lamp
- K19 Seat belt warning system warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K47 ABS warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K75 Airbag warning lamp
- K149 Engine electronics warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K220 Tyre Pressure Loss Indicator warning lamp
- K261 Warning lamp for left turn signal
- T2ac 2-pin connector, black
- T32 32-pin connector, blue
- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

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



Brake fluid level warning contact, Parking brake contact switch, Ambient temperature sensor, Coolant shortage indicator sender, Control unit in dash panel insert, Dash panel insert

- F34 Brake fluid level warning contact
- F321 Parking brake contact switch
- G17 Ambient temperature sensor
- G32 Coolant shortage indicator sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K33 Brake fluid level warning lamp
- K86 Traction control system warning lamp
- K262 Warning lamp for right turn signal
- T2ab 2-pin connector, black
- T2ad 2-pin connector, black
- T2ae 2-pin connector, black
- T2u 2-pin connector, black
- T32 32-pin connector, blue
- 410 Earth connection 1 (sender earth) 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

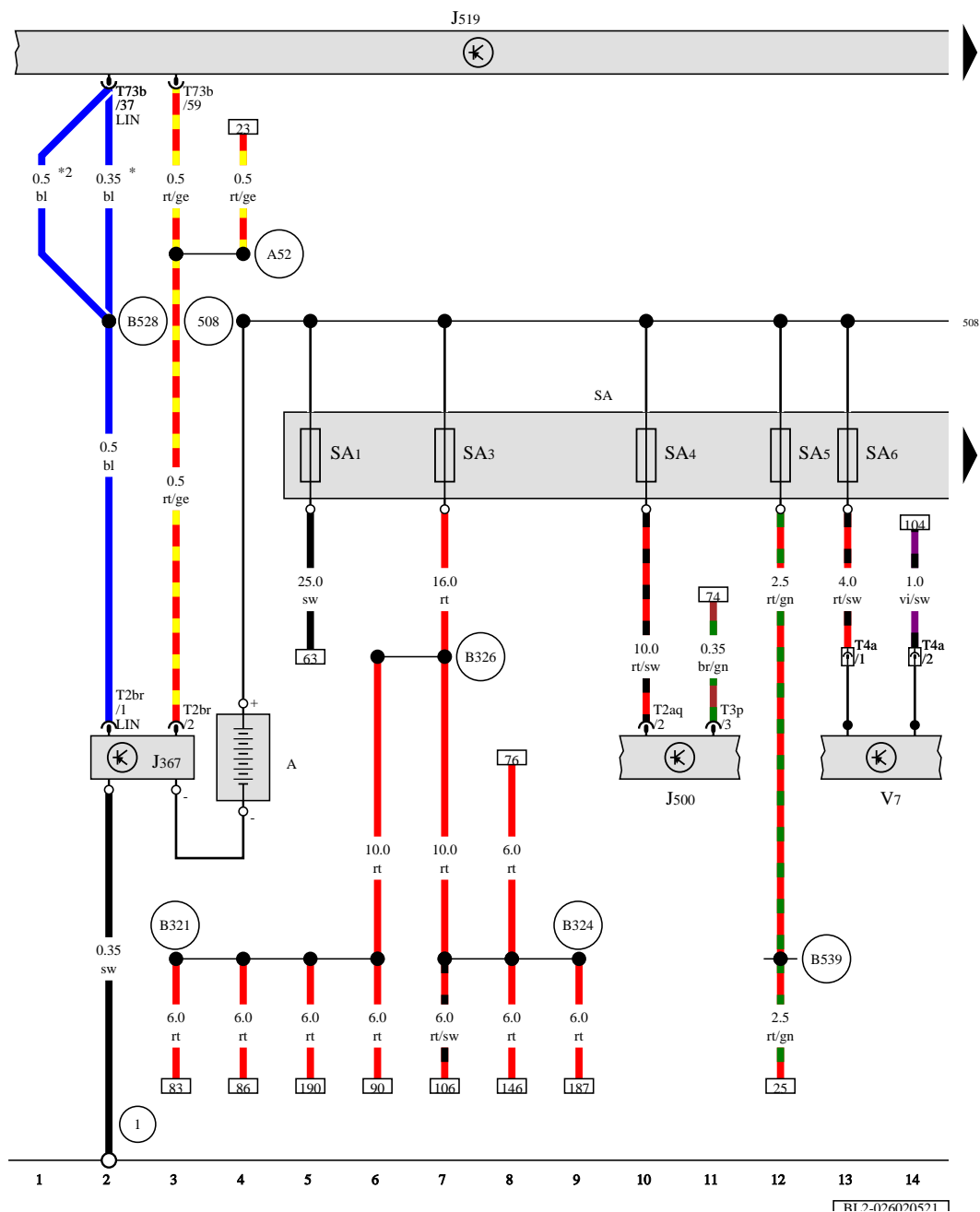
211 212 213 214 215 216 217 218 219 220 221 222 223 224

RI 2.025170521

Fuse assignment

From August 2016

Battery, Battery monitor control unit, Fuse holder A

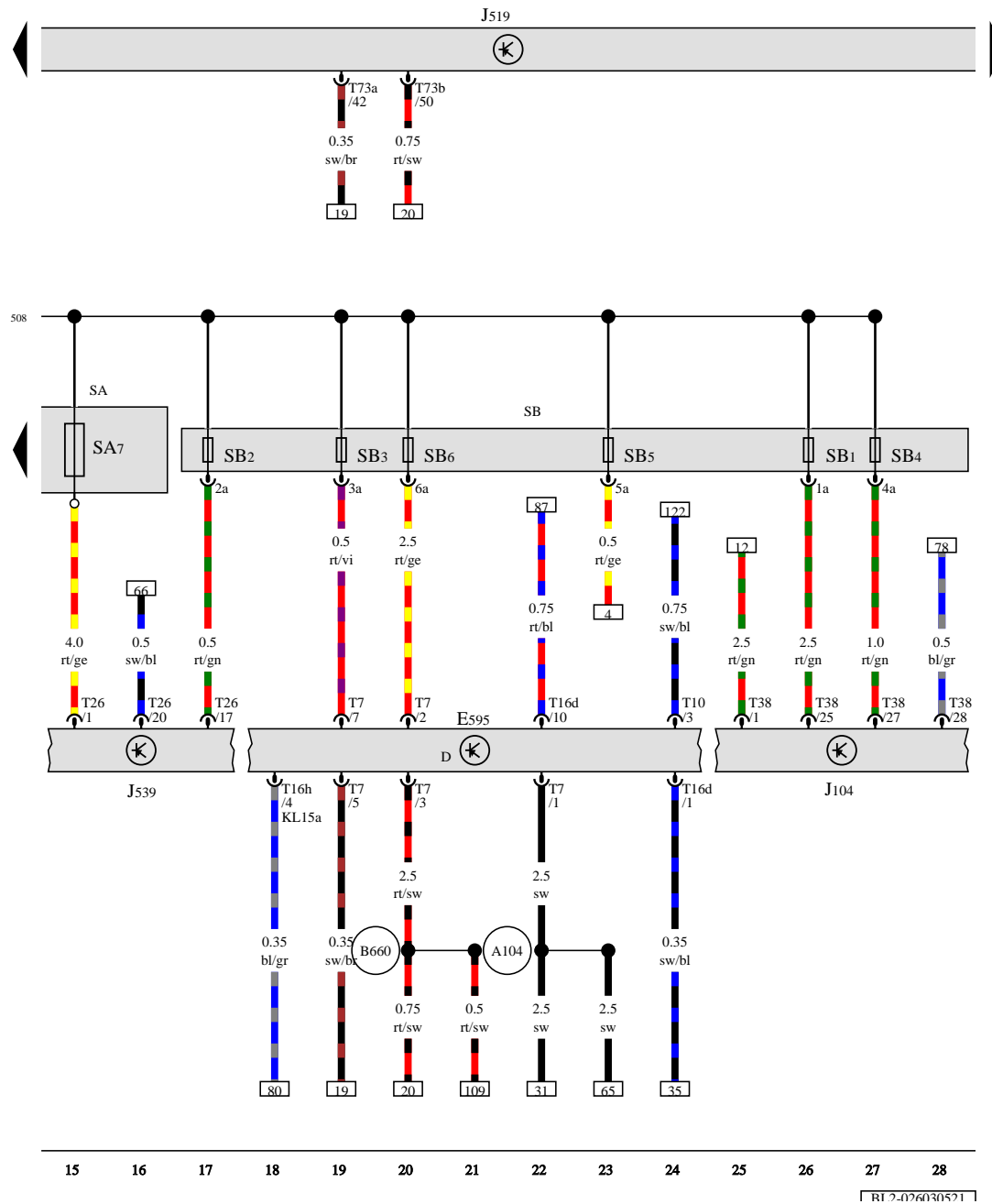


- A Battery
- J367 Battery monitor control unit
- J500 Power steering control unit
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- T2aq 2-pin connector
- T2br 2-pin connector
- T3p 3-pin connector
- T4a 4-pin connector, on radiator fan
- T73b 73-pin connector
- V7 Radiator fan

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- A52 Positive connection 2 (30), in dash panel wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B539 Connection 30, in main wiring harness

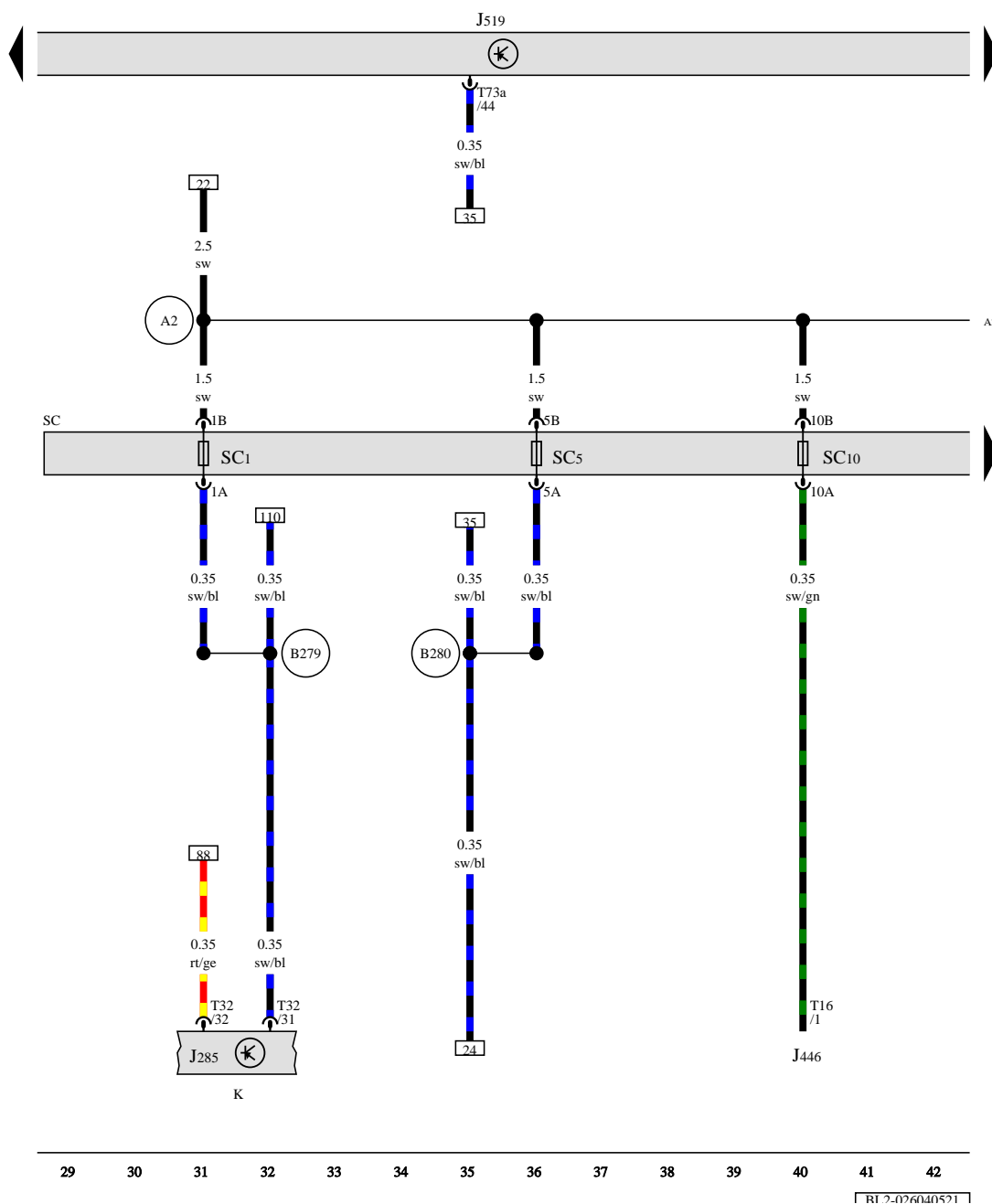
* Up to November 2020
*2 From November 2020

Steering column combination switch, Fuse holder A, Fuse holder B



- D Ignition/starter switch
- E595 Steering column combination switch
- J104 ABS control unit
- J519 Onboard supply control unit
- J539 Brake servo control unit
- SA Fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SA7 Fuse 7 on fuse holder A
- T7 7-pin connector
- T10 10-pin connector
- T16d 16-pin connector
- T16h 16-pin connector, black
- T26 26-pin connector
- T38 38-pin connector
- T73a 73-pin connector
- T73b 73-pin connector

- 508 Threaded connection (30) on E-box
- A104 Positive connection 2 (15), in dash panel wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



Fuse holder C

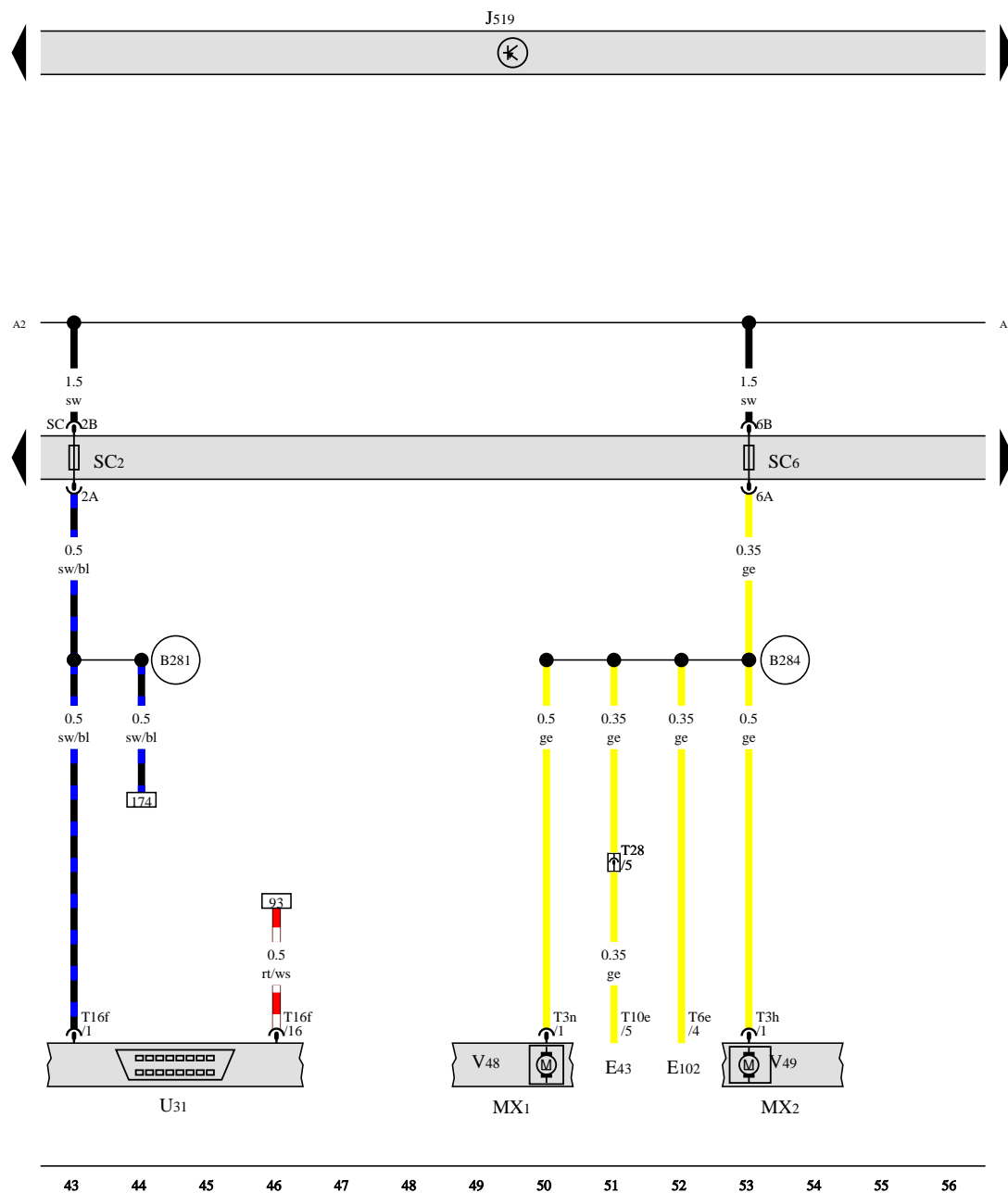
- | | |
|------|-----------------------------------|
| J285 | Control unit in dash panel insert |
| J446 | Parking aid control unit |
| J519 | Onboard supply control unit |
| K | Dash panel insert |
| SC | Fuse holder C |
| SC1 | Fuse 1 on fuse holder C |
| SC5 | Fuse 5 on fuse holder C |
| SC10 | Fuse 10 on fuse holder C |
| T16 | 16-pin connector |
| T32 | 32-pin connector |
| T73a | 73-pin connector |

A2 Positive connection (15), in dash panel wiring harness

(B279) Positive connection 3 (15a) in main wiring harness

(B280) Positive connection 4 (15a) 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

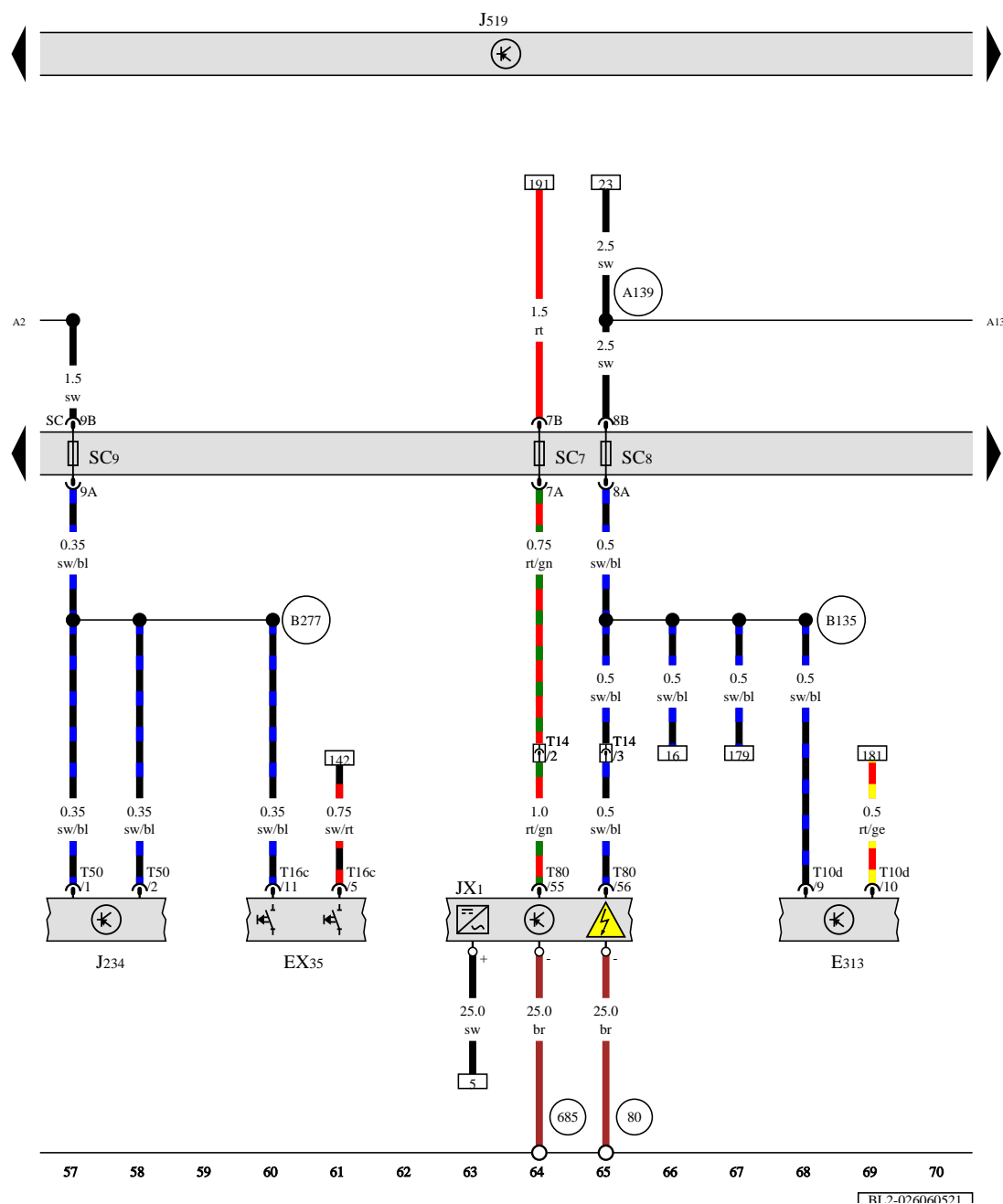


Fuse holder C

- E43 Mirror adjustment switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T3h 3-pin connector
- T3n 3-pin connector
- T6e 6-pin connector
- T10e 10-pin connector
- T16f 16-pin connector
- T28 28-pin connector, in front left door
- U31 Diagnostic connection
- V48 Left headlight range control motor
- V49 Right headlight range control motor

- A2 Positive connection (15), in dash panel wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B284 Positive connection 8 (15a) 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

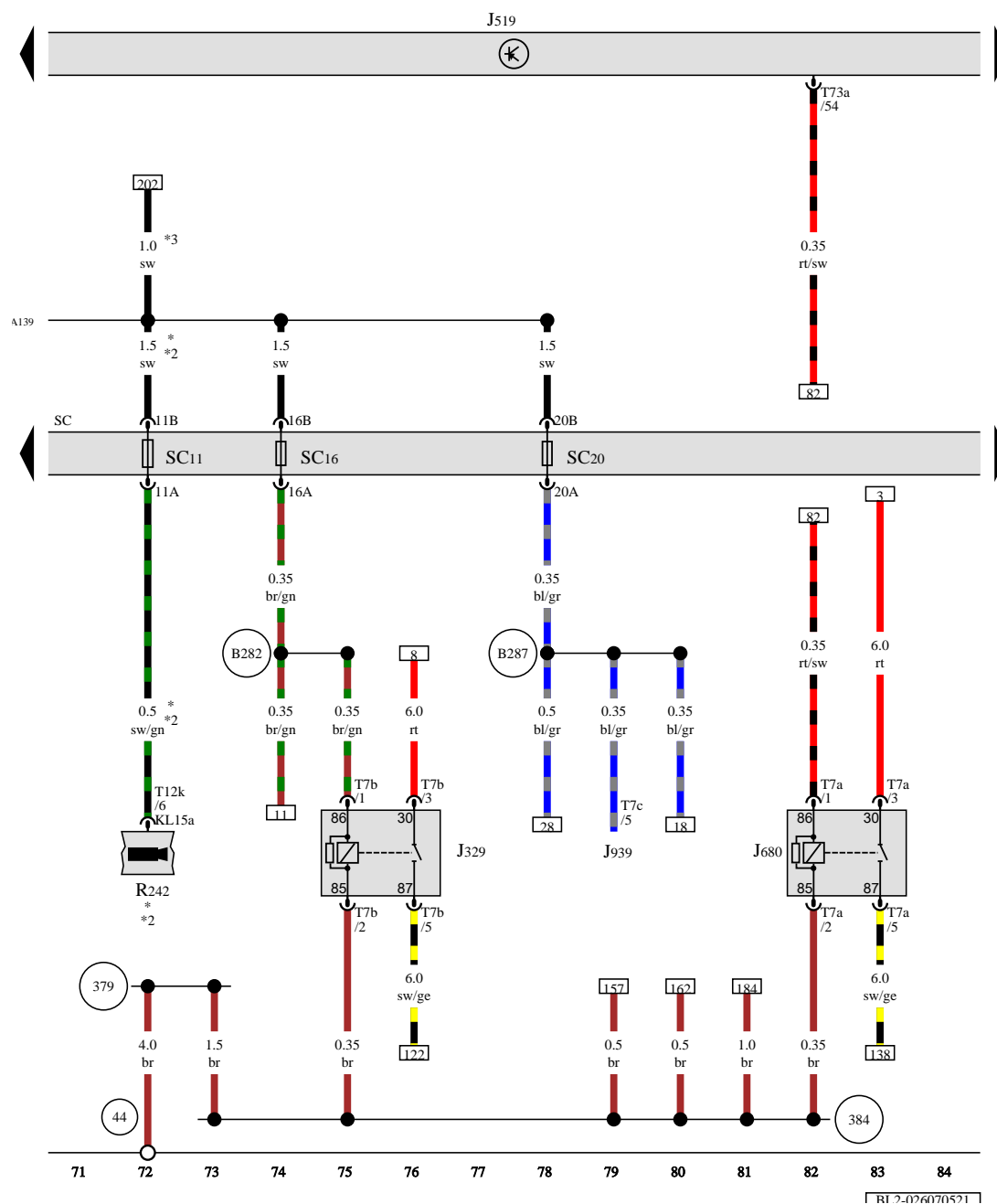


Fuse holder C

- EX35 Centre switch module 2 in dash panel
- E313 Selector lever
- JX1 Power and control electronics for electric drive
- J234 Airbag control unit
- J519 Onboard supply control unit
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T10d 10-pin connector
- T14 14-pin connector, on left in engine compartment
- T16c 16-pin connector
- T50 50-pin connector
- T80 80-pin connector

- 80 Earth point, on centre of front cross member
- 685 Earth point 1, on front of right longitudinal member
- A2 Positive connection (15), in dash panel wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B135 Connection 1 (15a), in interior wiring harness
- B277 Positive connection 1 (15a) 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



Terminal 15 voltage supply relay, Terminal 75 voltage supply relay 1, Front camera for driver assist systems, Fuse holder C

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J680	Terminal 75 voltage supply relay 1
J939	Emergency braking function sensor unit
R242	Front camera for driver assist systems
SC	Fuse holder C
SC11	Fuse 11 on fuse holder C
SC16	Fuse 16 on fuse holder C
SC20	Fuse 20 on fuse holder C
T7a	7-pin connector
T7b	7-pin connector
T7c	7-pin connector
T12k	12-pin connector, black
T73a	73-pin connector

44 Earth point, lower part of left A-pillar

379 Earth connection 14, in main wiring harness

384 Earth connection 19, in main wiring harness

A139 Connection 3 (15) in dash panel wiring harness

(B282) Positive connection 6 (15a) in main wiring harness

(B287) Positive connection 11 (15a) in main wiring harness

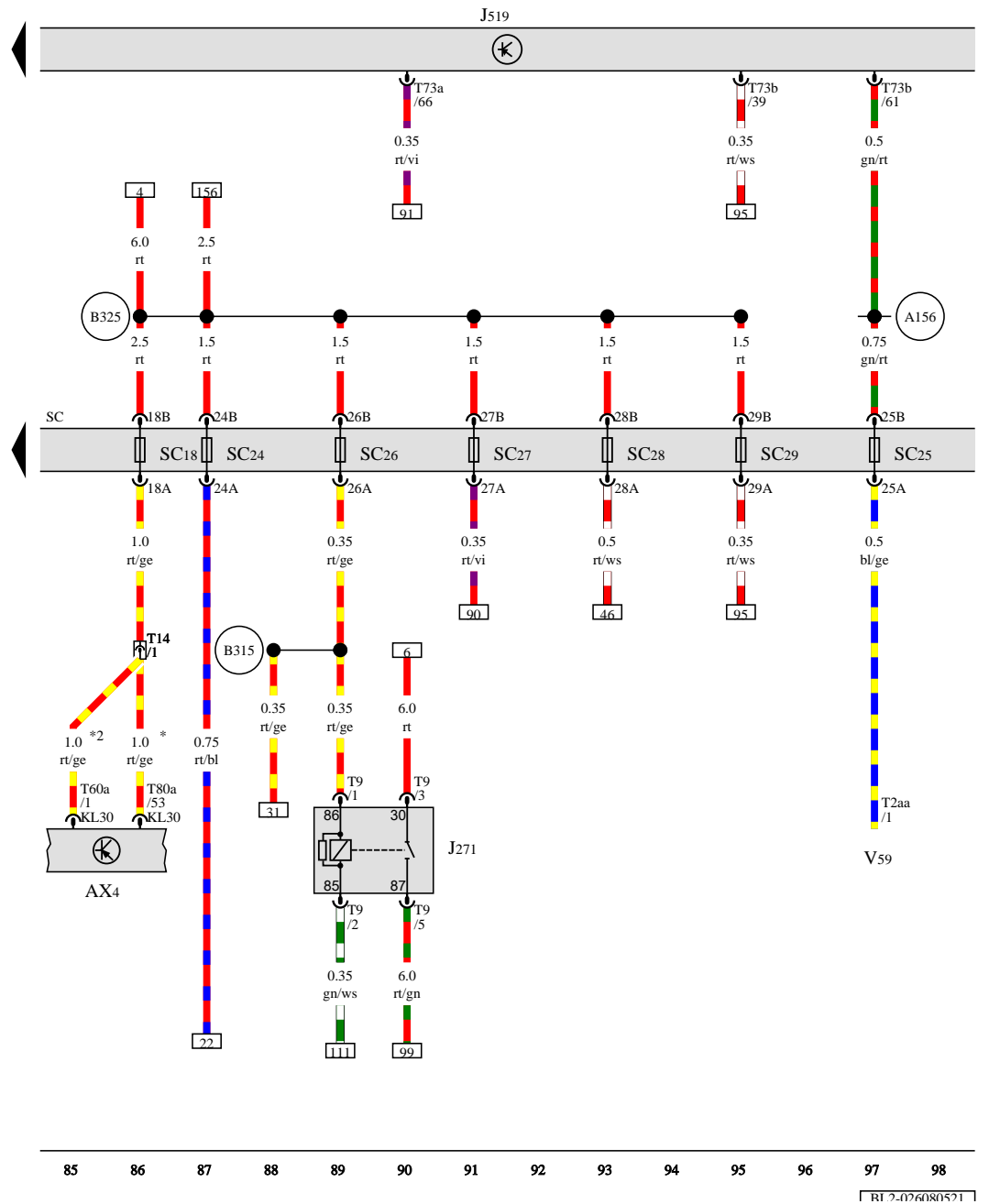
* From August 2019

*2 For models with front camera for driver assist systems

*3 According to equipment

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

Charging unit 1 for high-voltage battery, Main relay, Fuse holder C



AX4 Charging unit 1 for high-voltage battery

J271 Main relay

J519 Onboard supply control unit

SC Fuse holder C

SC18 Fuse 18 on fuse holder C

SC24 Fuse 24 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

SC28 Fuse 28 on fuse holder C

SC29 Fuse 29 on fuse holder C

T2aa 2-pin connector

T9 9-pin connector

T14 14-pin connector, on left in engine compartment

T60a 60-pin connector, black

T73a 73-pin connector

T73b 73-pin connector

T80a 80-pin connector

V59 Windscreen and rear window washer pump

A156 Connection (53c), in dash panel wiring harness

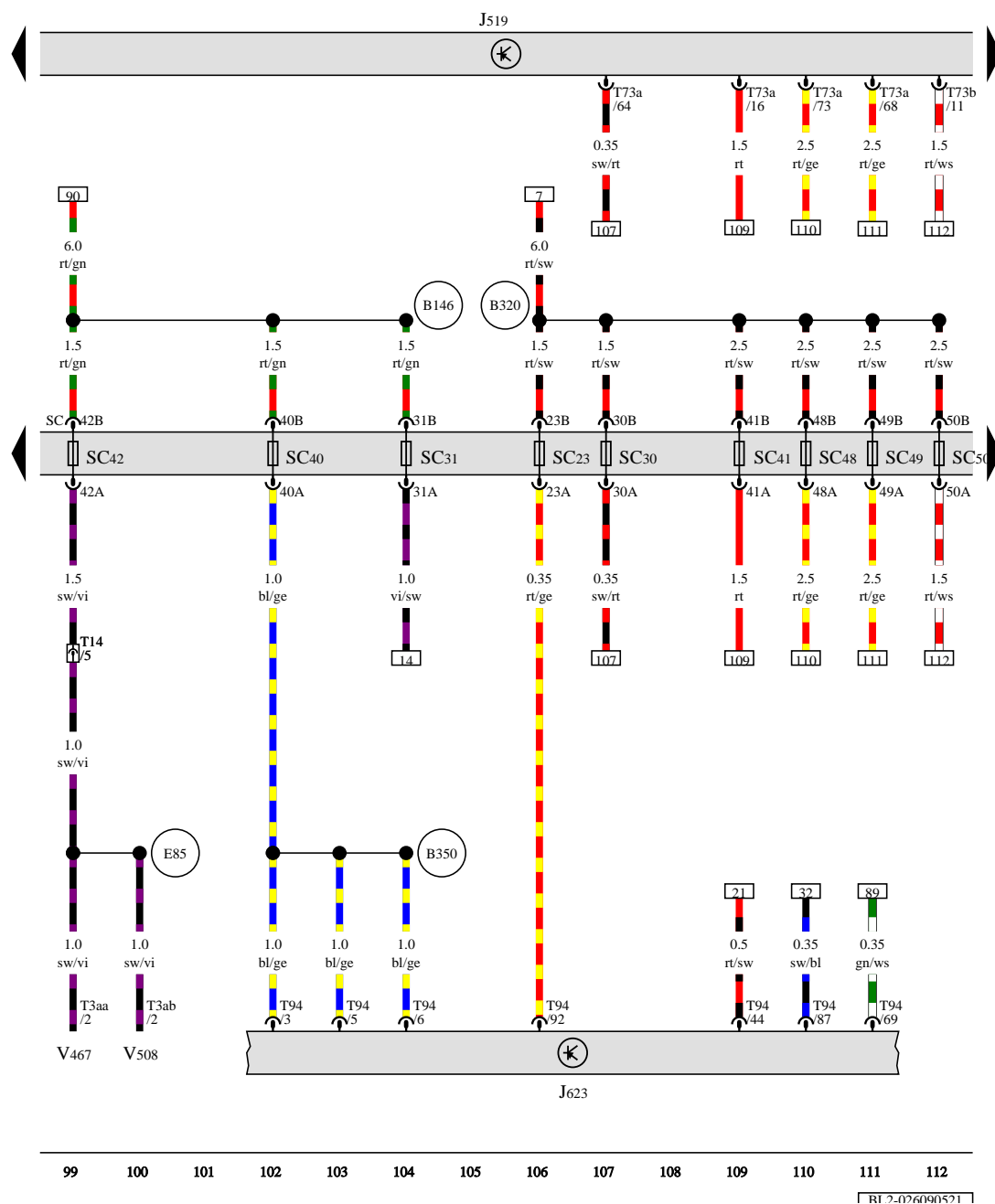
B315 Positive connection 1 (30a) in main wiring harness

B325 Positive connection 11 (30a) in main wiring harness

* Up to August 2019

*2 From August 2019

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



Fuse holder C

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 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
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T3aa 3-pin connector
- T3ab 3-pin connector
- T14 14-pin connector, on left in engine compartment
- T73a 73-pin connector
- T73b 73-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

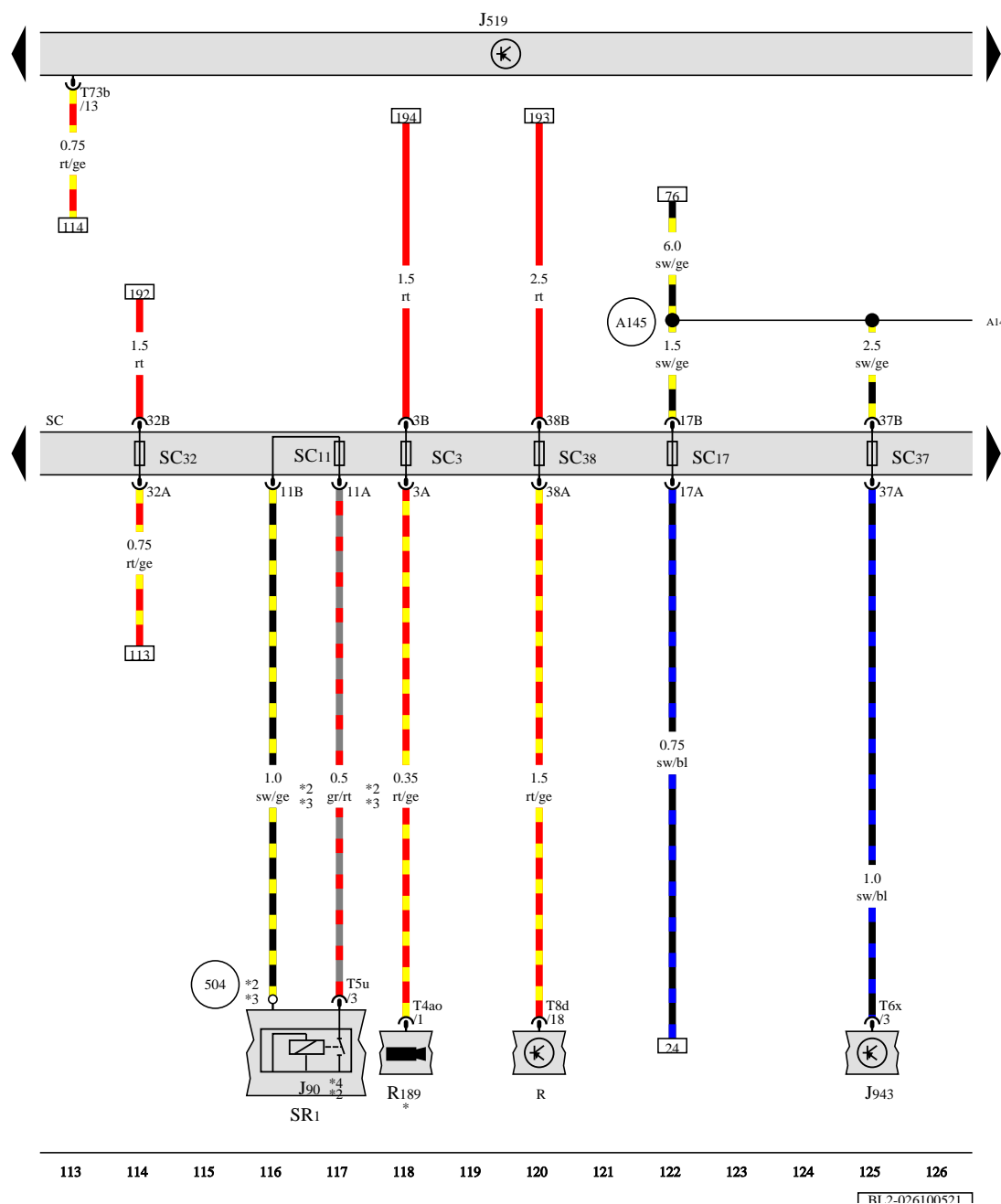
B146 Positive connection 1 (87), in interior wiring harness

B320 Positive connection 6 (30a) in main wiring harness

B350 Positive connection 1 (87a) in main wiring harness

E85 Connection 9 (87a) in engine wiring harness

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

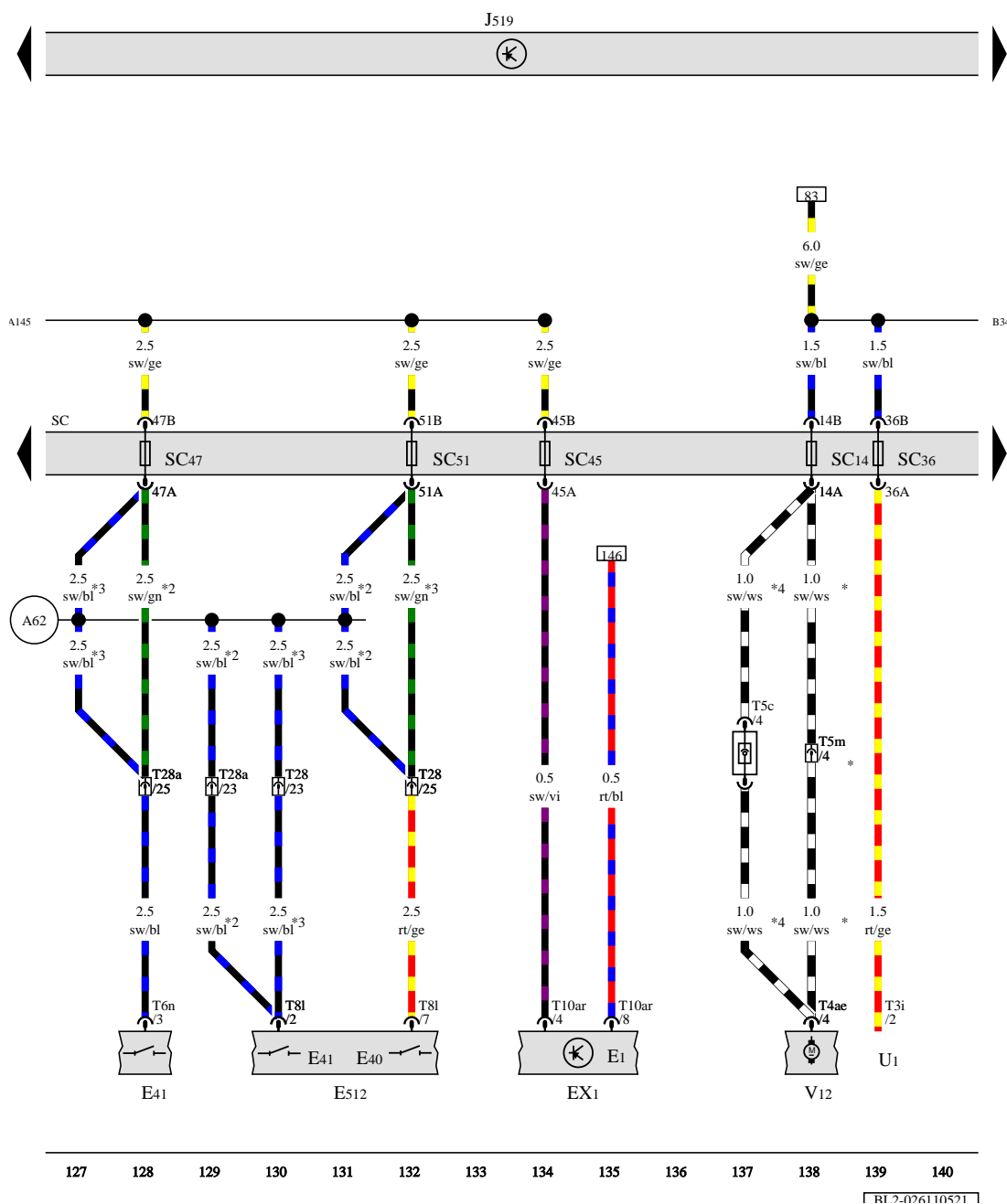


Fuse holder C, Relay and fuse carrier 1

- J90 Daytime running light switch-on relay
- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- R Radio
- R189 Reversing camera
- SC Fuse holder C
- SR1 Relay and fuse carrier 1
- SC3 Fuse 3 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T4ao 4-pin connector, black
- T5u 5-pin connector, black
- T6x 6-pin connector
- T8d 8-pin connector, black
- T73b 73-pin connector

- 504 Threaded connection 1 (87), on relay plate
- A145 Positive connection 4 (15), in dash panel wiring harness
- * Pre-wired component
- *2 Up to November 2016
- *3 According to equipment
- *4 see applicable current flow diagram

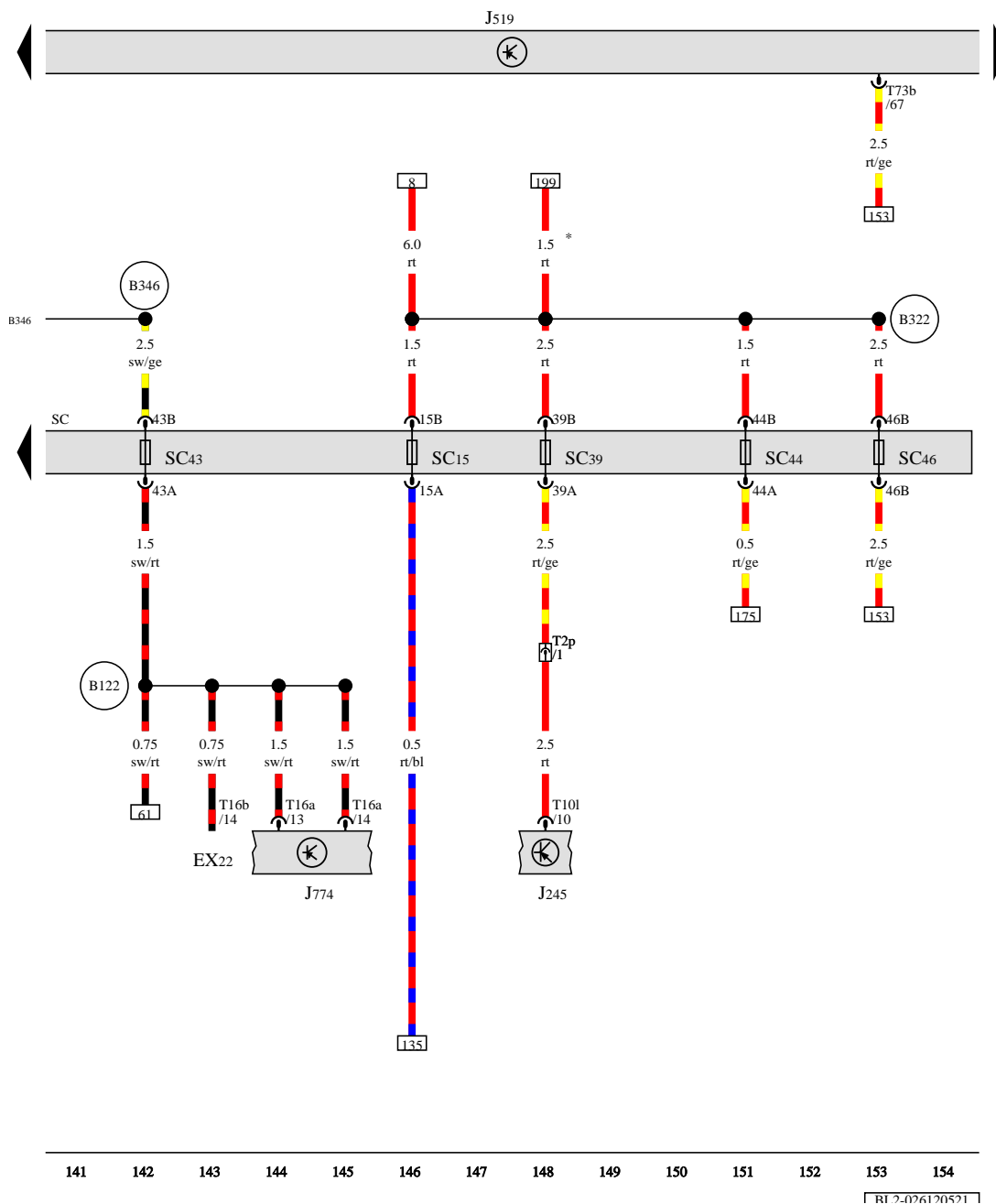
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuse holder C

- EX1 Rotary light switch
- E1 Light switch
- E40 Front left window regulator switch
- E41 Front right window regulator switch
- E512 Operating unit for window regulator in driver door
- J519 Onboard supply control unit
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T3i 3-pin connector
- T4ae 4-pin connector, black
- T5c 5-pin connector, brown
- T5m 5-pin connector, in rear lid
- T6n 6-pin connector
- T8l 8-pin connector
- T10ar 10-pin connector, black
- T28 28-pin connector, in front left door
- T28a 28-pin connector, in front right door
- U1 Cigarette lighter
- V12 Rear window wiper motor
- A62 Connection (window regulators), in dash panel wiring harness
- A145 Positive connection 4 (15), in dash panel wiring harness
- B346 Connection 1 (75), in main wiring harness
- * Up to November 2017
- *2 For right-hand drive models
- *3 For left-hand drive models
- *4 From November 2017

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



Fuse holder C

- EX22 Centre switch module in dash panel
- J245 Sliding sunroof adjustment control unit
- J519 Onboard supply control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC46 Fuse 46 on fuse holder C
- T2p 2-pin connector, in roof
- T10l 10-pin connector, black
- T16a 16-pin connector
- T16b 16-pin connector
- T73b 73-pin connector

B122 Connection (75, seat heating), in interior wiring harness

B322 Positive connection 8 (30a) in main wiring harness

B346 Connection 1 (75), in main wiring harness

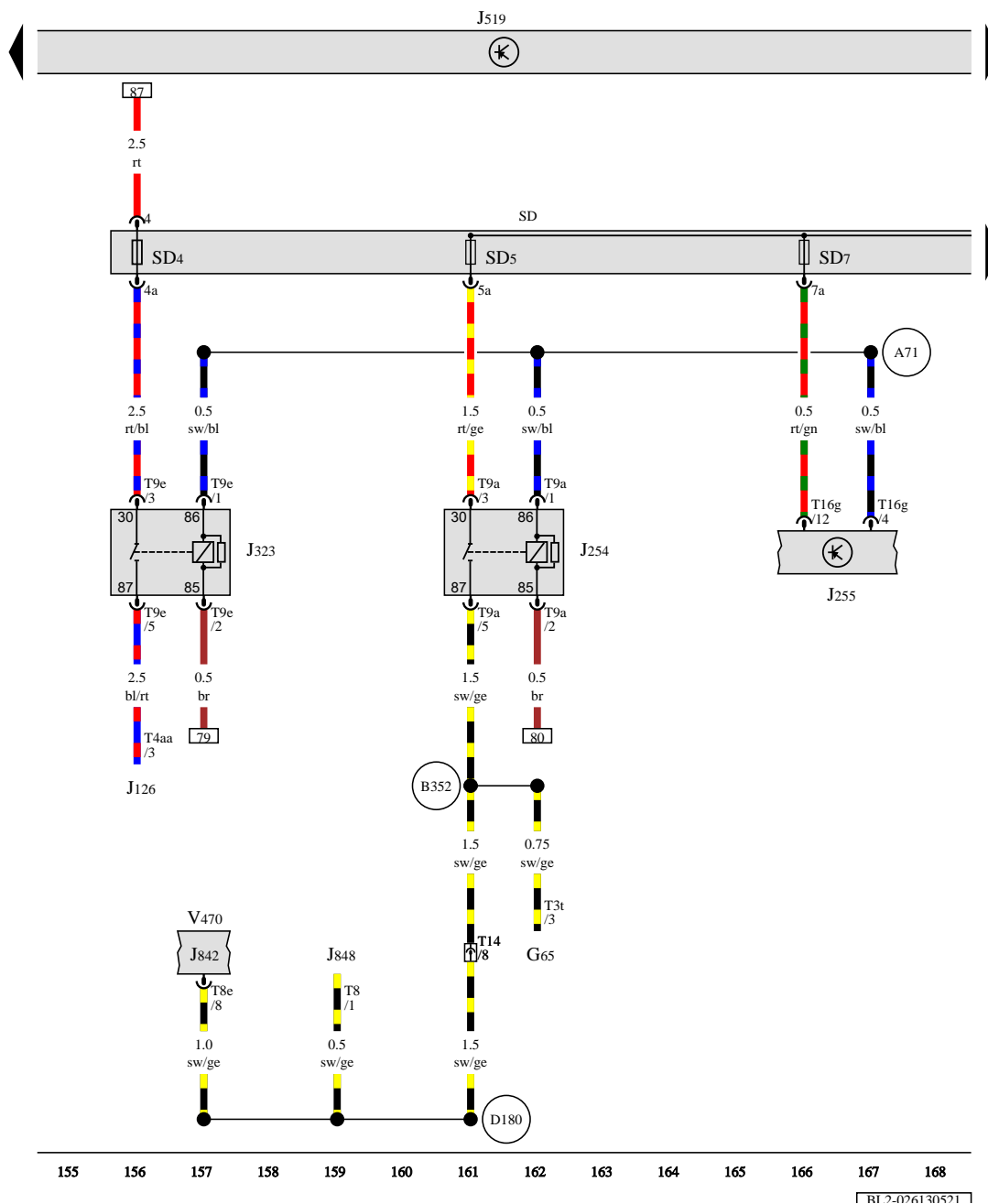
* According to equipment

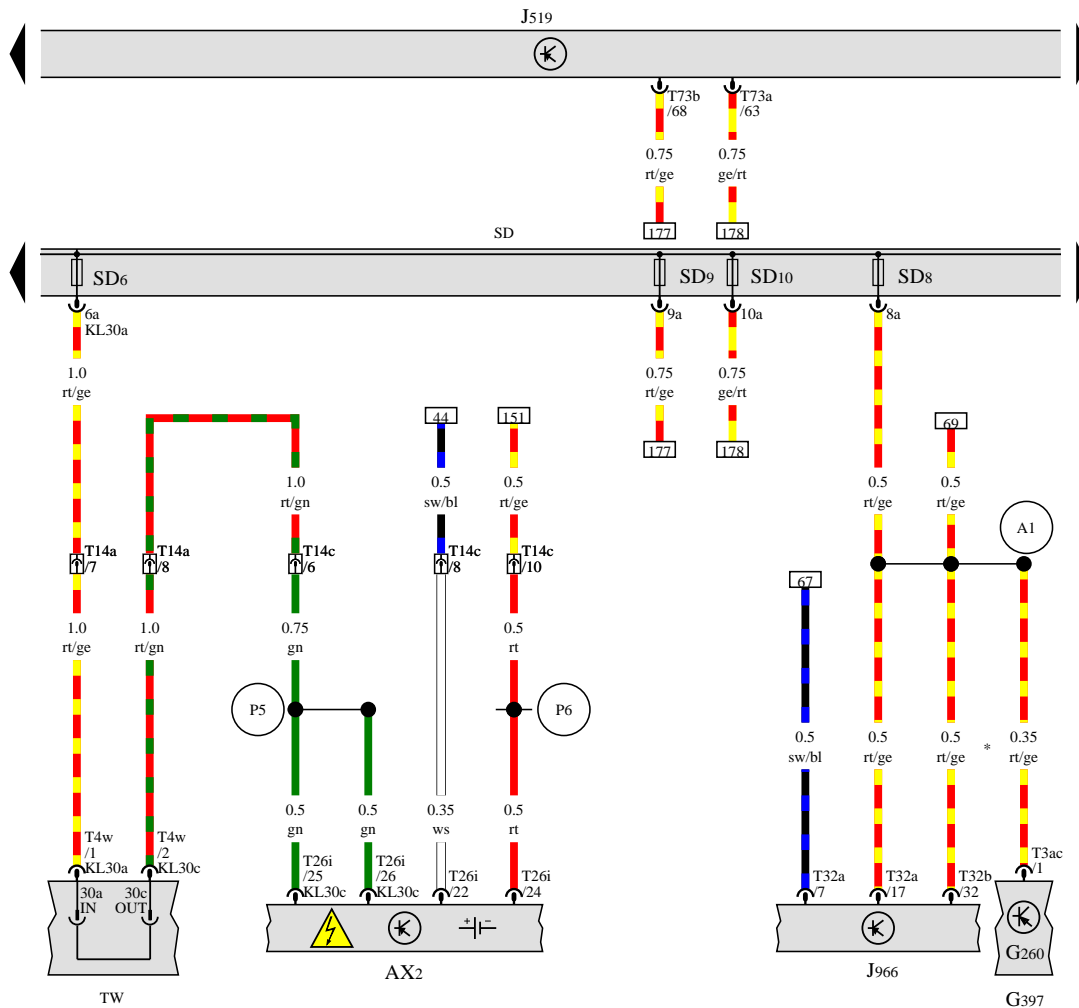
Climatronic relay, Blower relay, Fuse holder D

- G65 High-pressure sender
- J126 Fresh air blower control unit
- J254 Climatronic relay
- J255 Climatronic control unit
- J323 Blower relay
- J519 Onboard supply control unit
- J842 Control unit for air conditioner compressor
- J848 High-voltage heater (PTC) control unit
- SD Fuse holder D
- SD4 Fuse 4 on fuse holder D
- SD5 Fuse 5 on fuse holder D
- SD7 Fuse 7 on fuse holder D
- T3t 3-pin connector
- T4aa 4-pin connector
- T8 8-pin connector
- T8e 8-pin connector
- T9a 9-pin connector
- T9e 9-pin connector
- T14 14-pin connector, on left in engine compartment
- T16g 16-pin connector
- V470 Electrical air conditioner compressor

- A71 Connection (86), in dash panel wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness

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



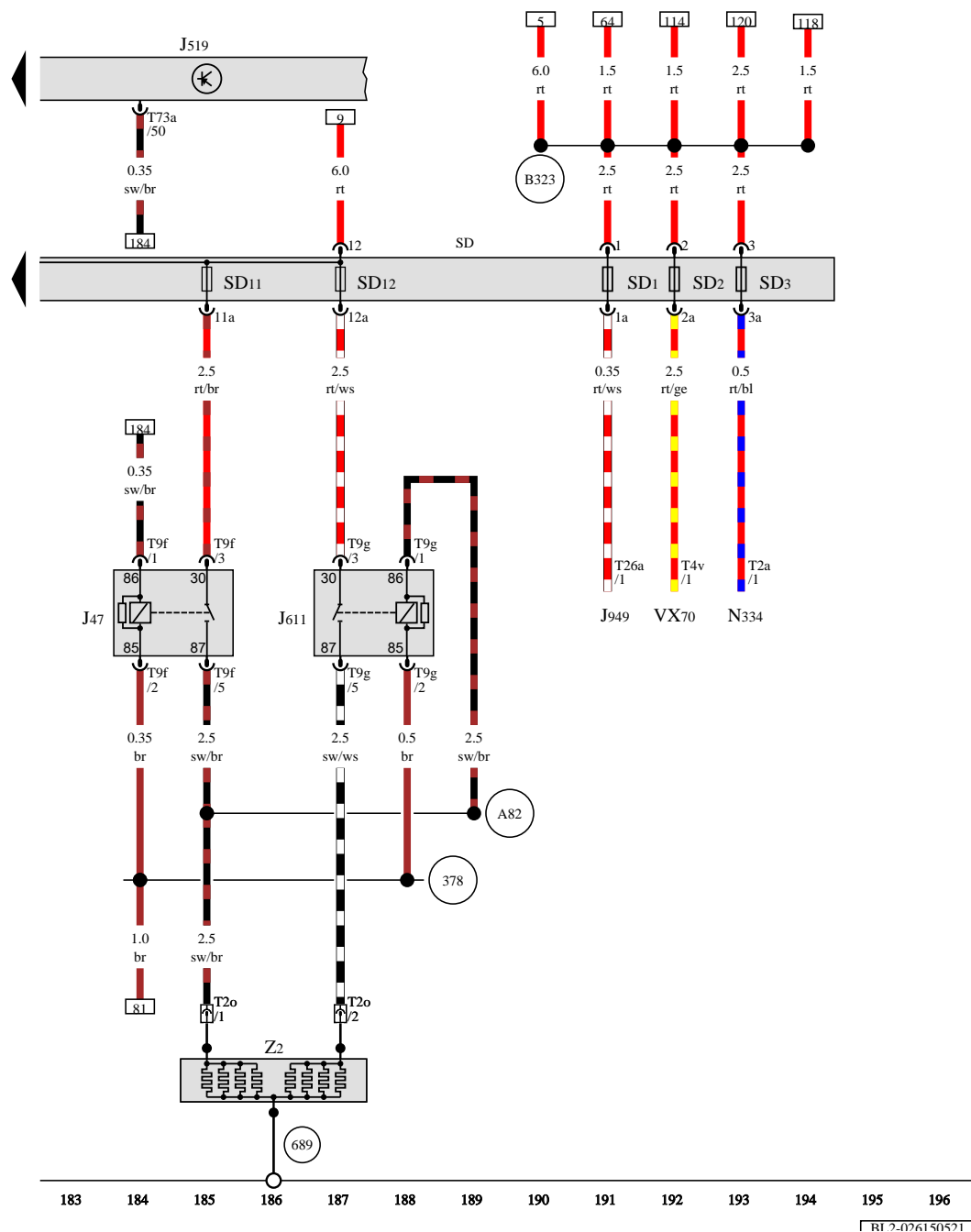


Rain and light sensor, Fuse holder D

- AX2 High-voltage battery 1
- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J519 Onboard supply control unit
- J966 Charge voltage control unit for high-voltage battery
- SD Fuse holder D
- SD6 Fuse 6 on fuse holder D
- SD8 Fuse 8 on fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD10 Fuse 10 on fuse holder D
- T3ac 3-pin connector, black
- T4w 4-pin connector
- T14a 14-pin connector, on left in engine compartment
- T14c 14-pin connector
- T26i 26-pin connector
- T32a 32-pin connector
- T32b 32-pin connector
- T73a 73-pin connector
- T73b 73-pin connector
- TW Maintenance connector for high-voltage system

- A1 Positive connection (30a), in dash panel wiring harness
- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery wiring harness
- * 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



Heated windscreen relay, Heated windscreen relay 2, Fuse holder D, Heated windscreen

- J47 Heated windscreen relay
- J519 Onboard supply control unit
- J611 Heated windscreen relay 2
- J949 Emergency call module control unit and communication unit
- N334 Ignition key withdrawal lock solenoid valve
- 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
- SD11 Fuse 11 on fuse holder D
- SD12 Fuse 12 on fuse holder D
- T2a 2-pin connector
- T2o 2-pin connector, central in plenum chamber
- T4v 4-pin connector
- T9f 9-pin connector
- T9g 9-pin connector
- T26a 26-pin connector
- T73a 73-pin connector
- VX70 Brake system pressure accumulator
- Z2 Heated windscreen

- 378 Earth connection 13, in main wiring harness
- 689 Earth point, at front, central in roof
- A82 Connection (windscreen heater), in dash panel wiring harness
- B323 Positive connection 9 (30a) 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

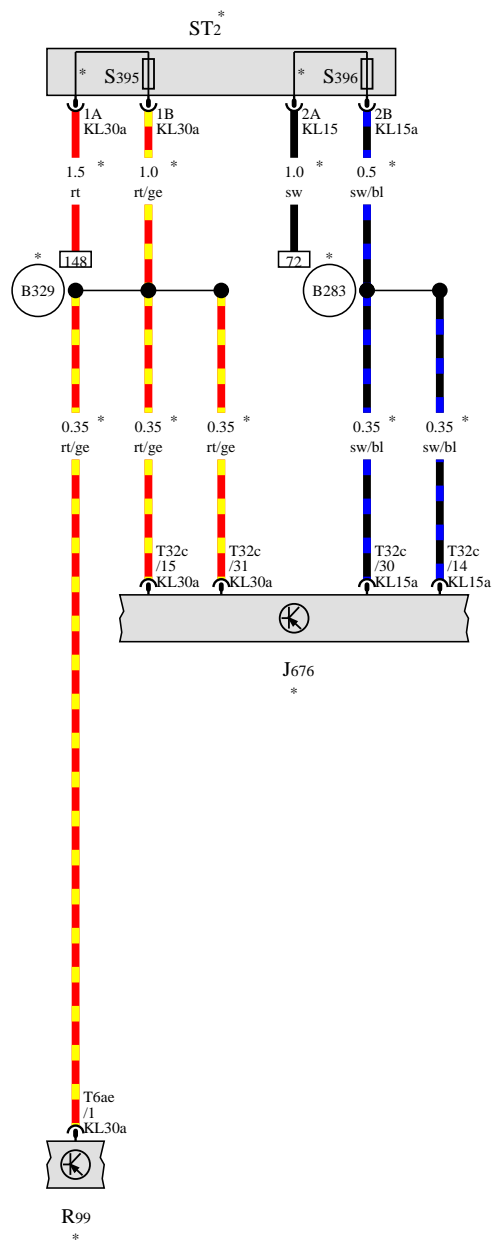
Chip card reader control unit, Chip card reader unit, Fuse carrier 2

- J676 Chip card reader control unit
- R99 Chip card reader unit
- ST2 Fuse carrier 2
- S395 Fuse 1 on fuse carrier 2
- S396 Fuse 2 on fuse carrier 2
- T6ae 6-pin connector, black
- T32c 32-pin connector, black

B283 Positive connection 7 (15a) in main wiring harness

B329 Positive connection 15 (30a) in main wiring harness

* According to equipment



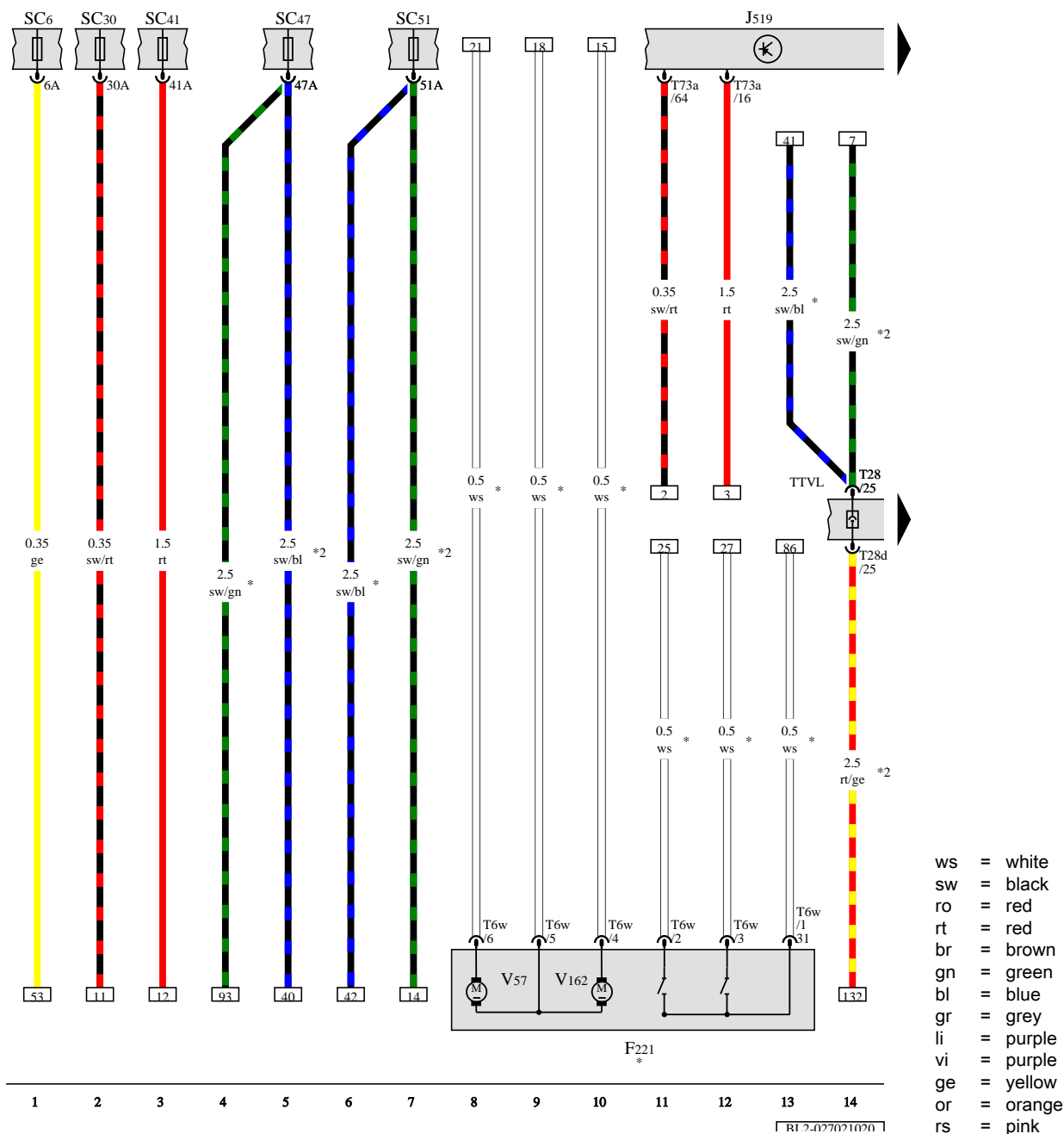
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Convenience system

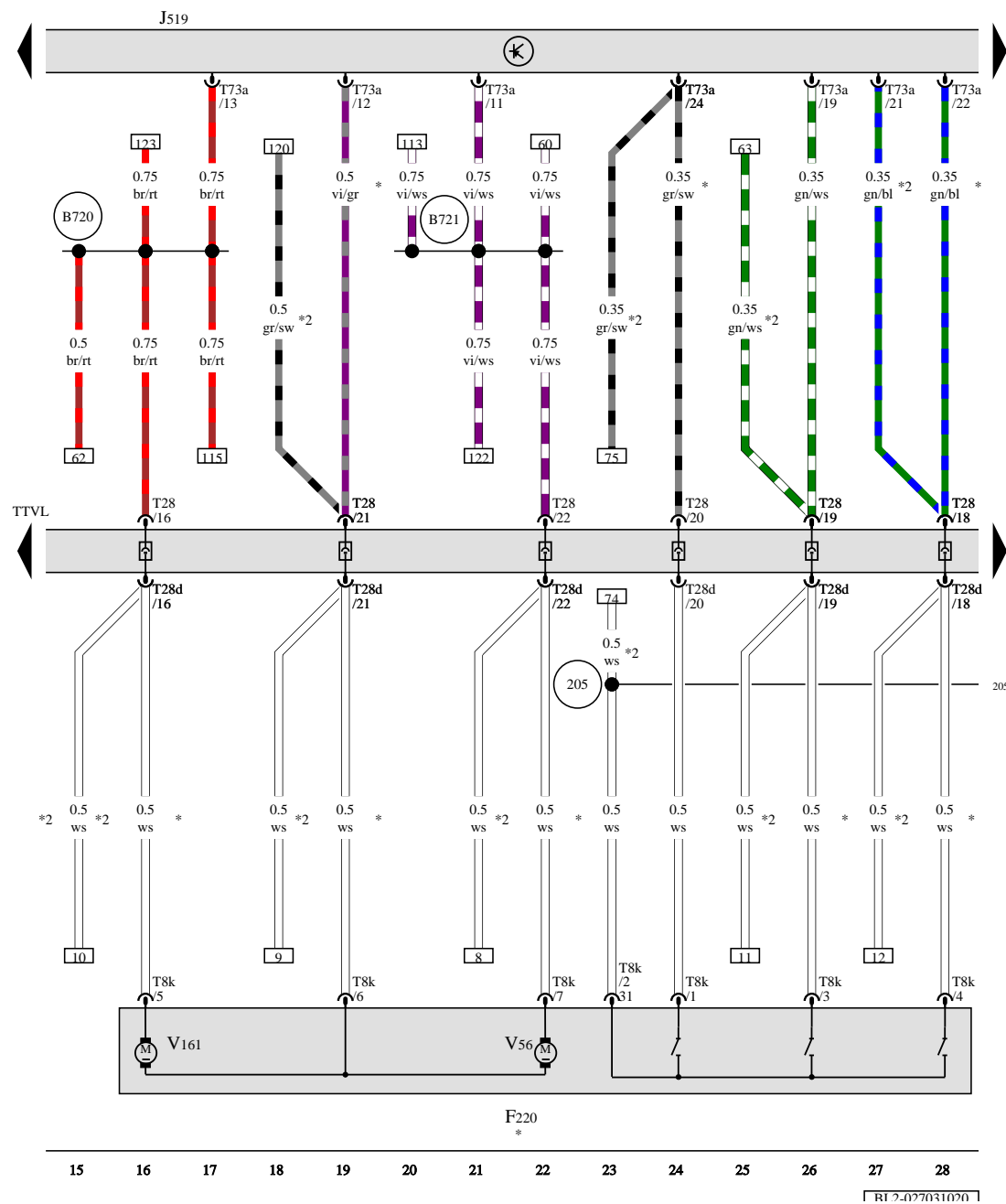
From August 2016

Front passenger side central locking lock unit, Onboard supply control unit

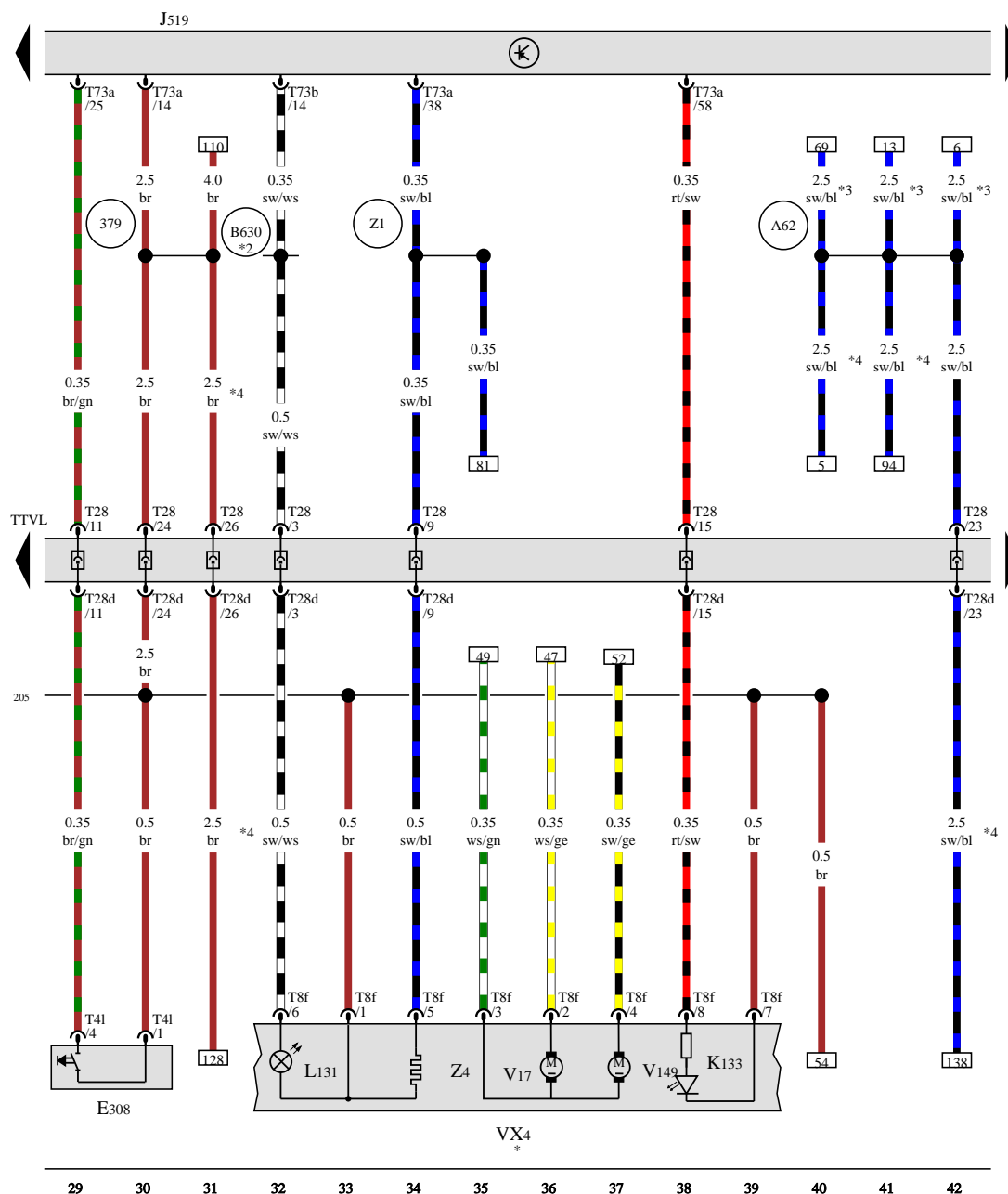
- | | |
|------|---|
| F221 | Front passenger side central locking lock unit, in front passenger door |
| J519 | Onboard supply control unit, on dash panel insert |
| SC6 | Fuse 6 on fuse holder C |
| SC30 | Fuse 30 on fuse holder C |
| SC41 | Fuse 41 on fuse holder C |
| SC47 | Fuse 47 on fuse holder C |
| SC51 | Fuse 51 on fuse holder C |
| T6w | 6-pin connector, black |
| T28 | 28-pin connector |
| T28d | 28-pin connector |
| T73a | 73-pin connector, black |
| TTVL | Coupling point for front left door |
| V57 | Front passenger door central locking motor |
| V162 | Front passenger door central locking SAFELOCK function motor |
| * | For right-hand drive models |
| *2 | For left-hand drive models |



Driver side central locking lock unit, Onboard supply control unit



- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T8k 8-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor
- 205 Earth connection, in driver door wiring harness
- B720 Connection 1 (central locking), in main wiring harness
- B721 Connection 2 (central locking), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

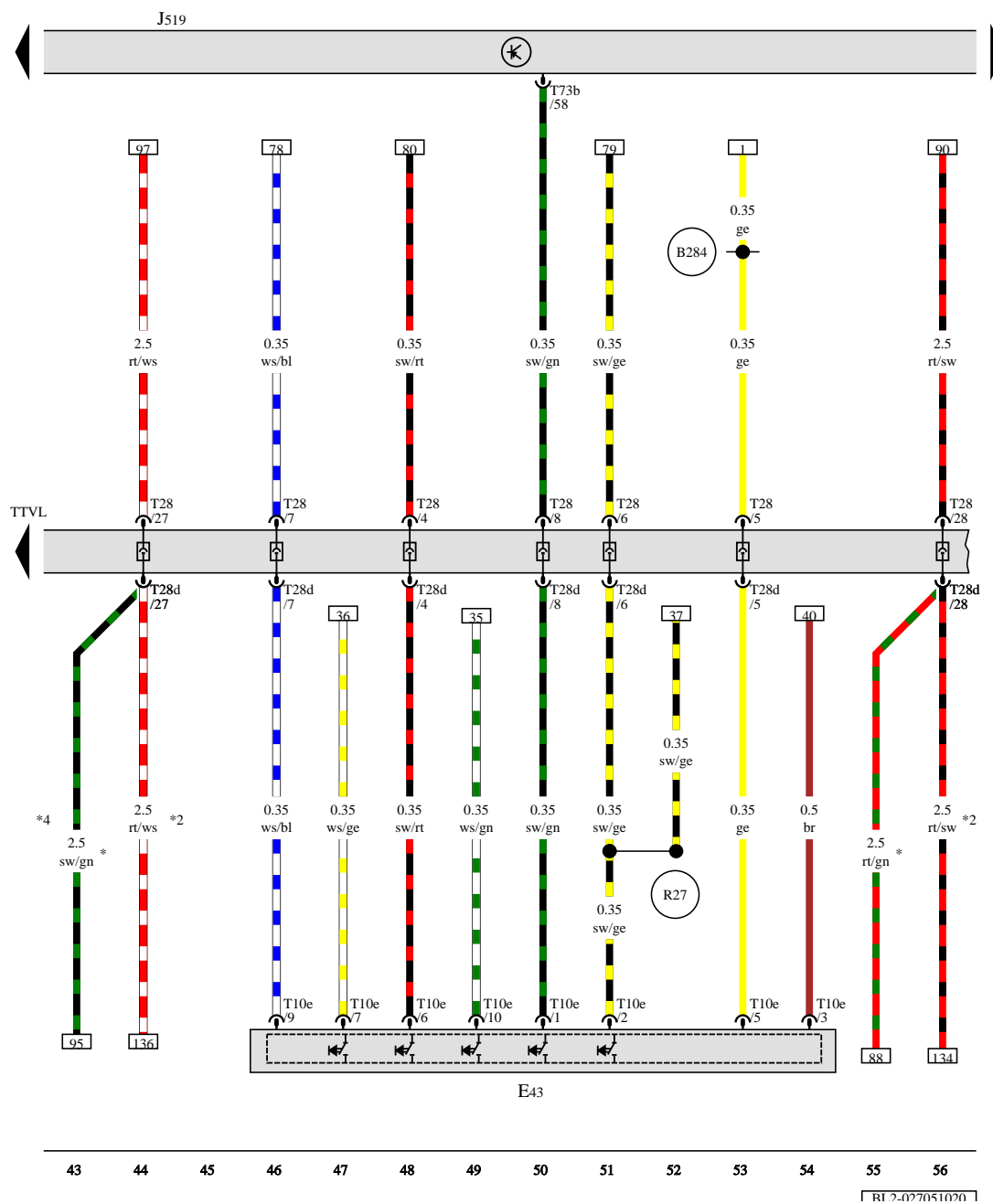


Driver side interior locking button for central locking system, Onboard supply control unit, Central locking SAFELOCK function warning lamp

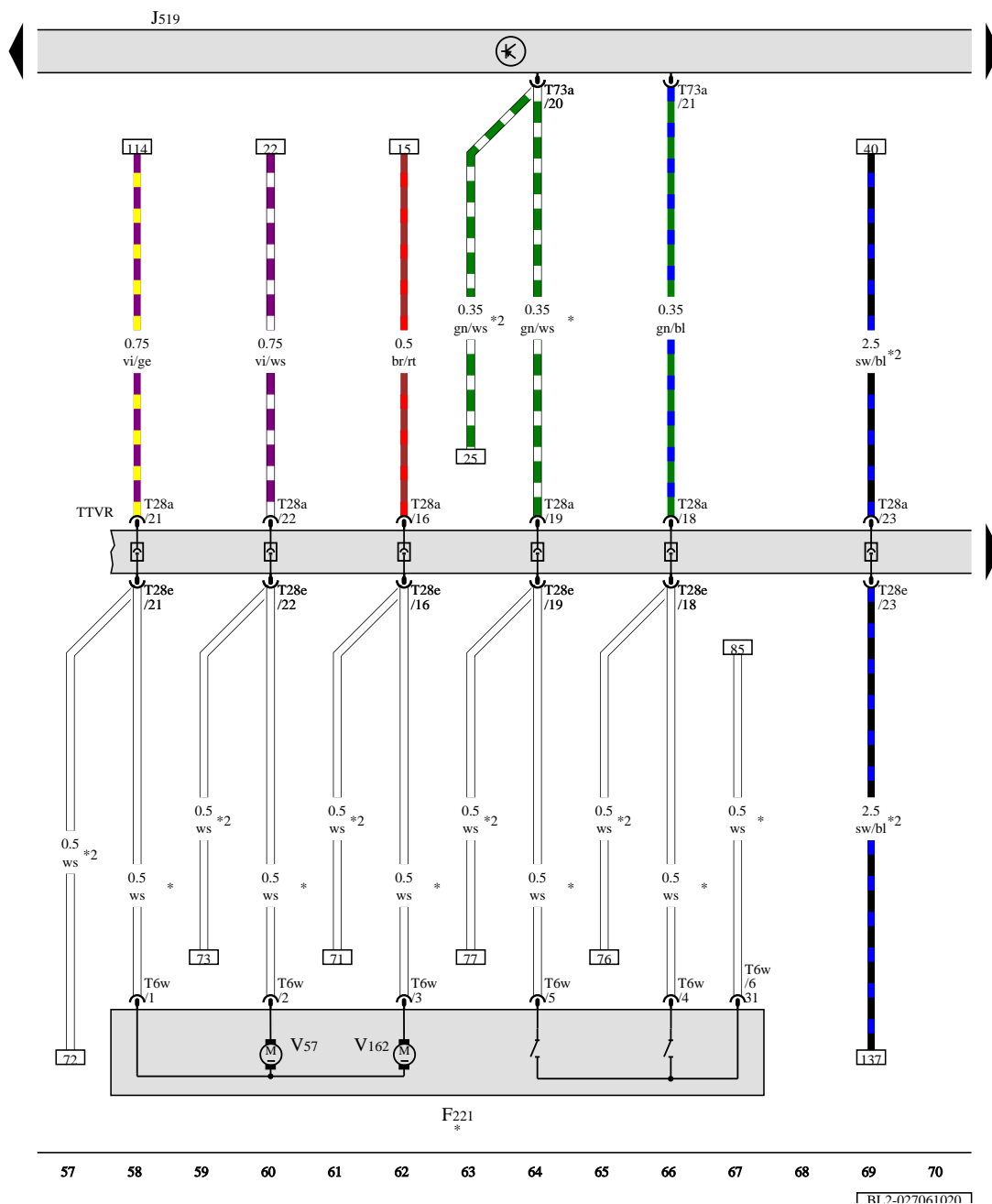
- E308 Driver side interior locking button for central locking system, in driver door
- J519 Onboard supply control unit, on dash panel insert
- K133 Central locking SAFELOCK function warning lamp, in driver door
- L131 Driver side turn signal repeater bulb
- T4l 4-pin connector, blue
- T8f 8-pin connector
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- TTVL Coupling point for front left door
- VX4 Driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side
- 205 Earth connection, in driver door wiring harness
- 379 Earth connection 14, in main wiring harness
- A62 Connection (window regulators), in dash panel wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness
- * Pre-wired component
- *2 see applicable current flow diagram for basic equipment
- *3 For right-hand drive models
- *4 For 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

Mirror adjustment switch, Onboard supply control unit

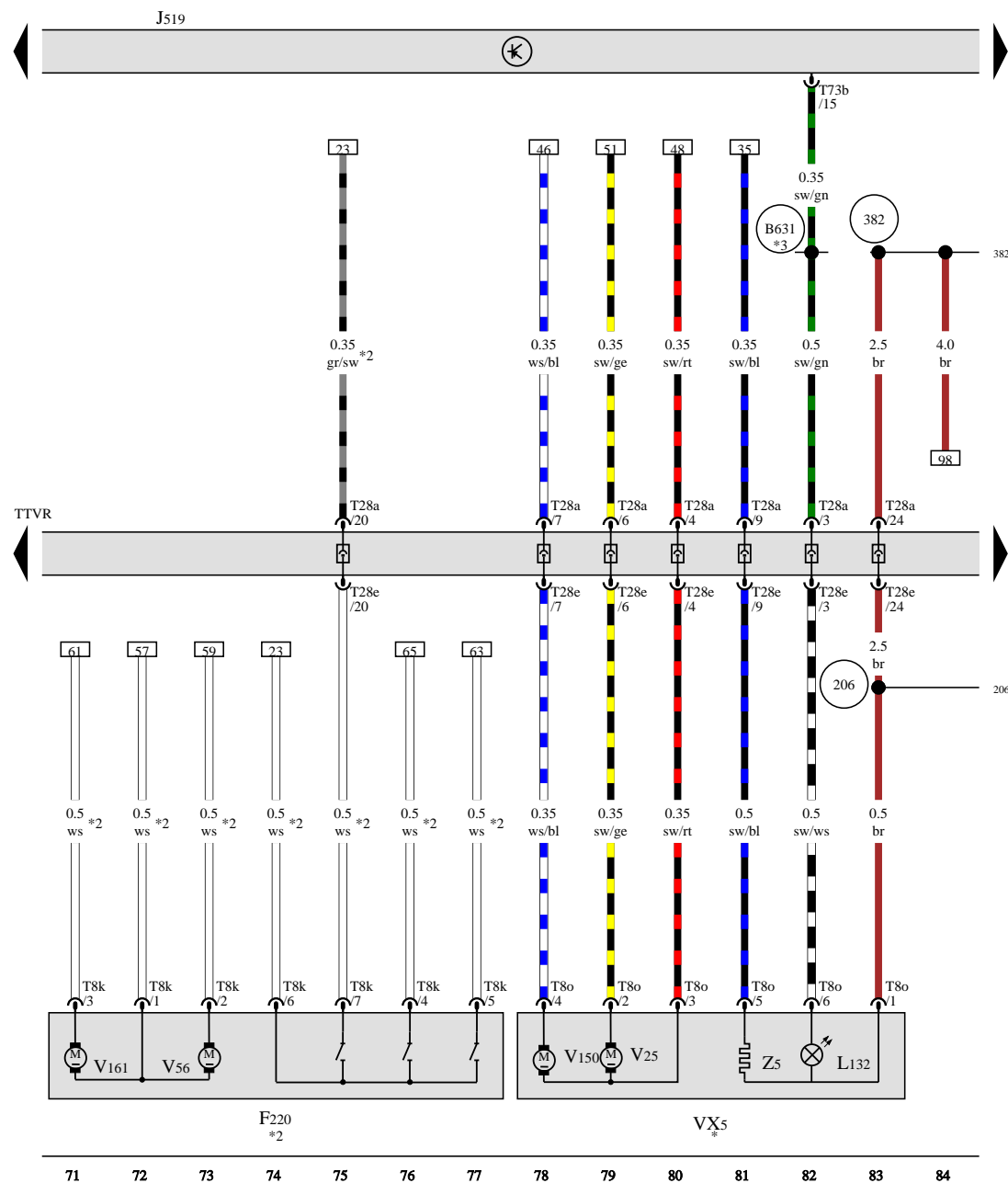


Front passenger side central locking lock unit, Onboard supply control unit



- F221 Front passenger side central locking lock unit, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T6w 6-pin connector, black
- T28a 28-pin connector
- T28e 28-pin connector
- T73a 73-pin connector, black
- TTVR Coupling point for front right door
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor
- * For left-hand drive models
- *2 For right-hand drive models

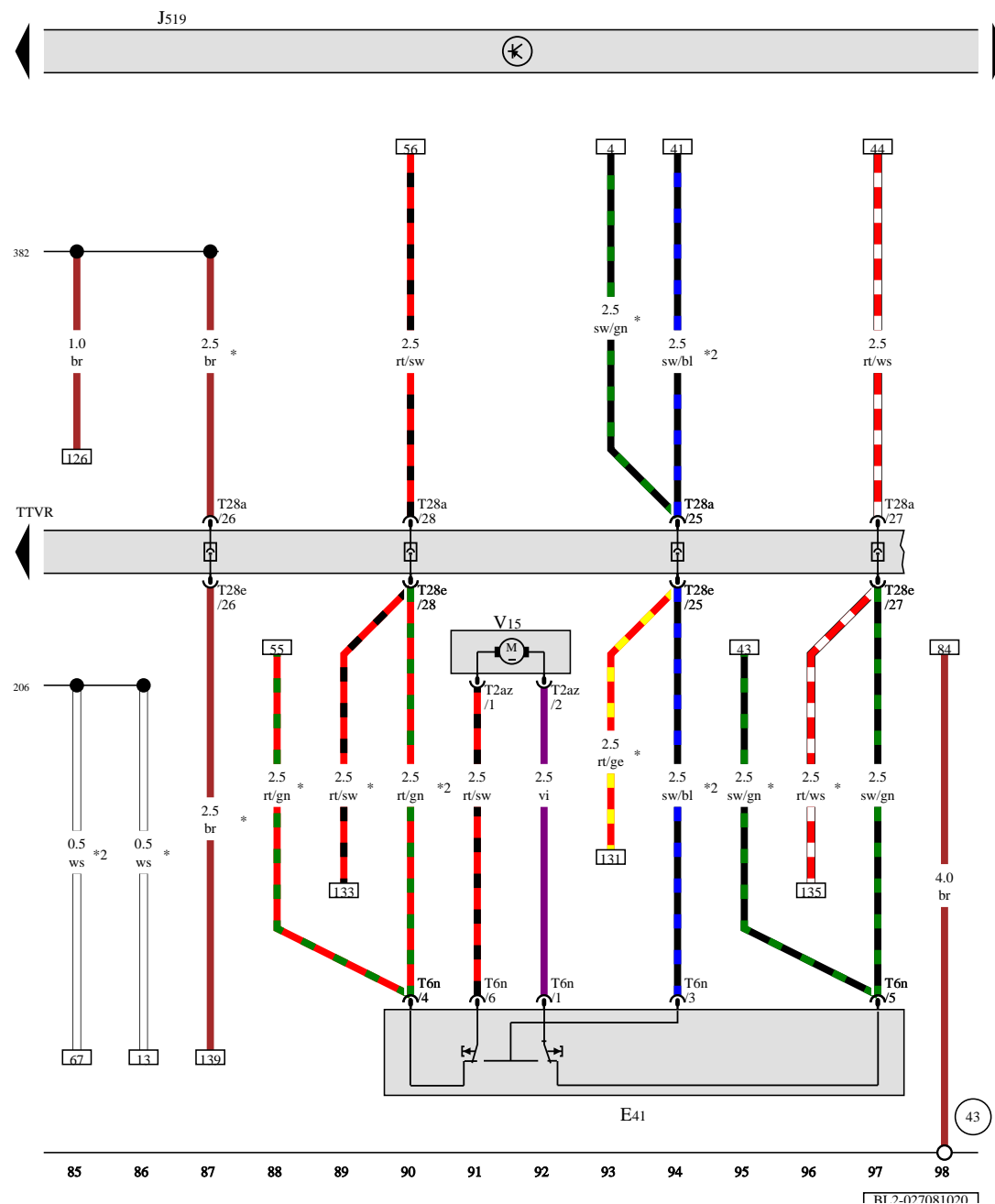
Driver side central locking lock unit, Onboard supply control unit



- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- L132 Front passenger side turn signal repeater bulb
- T8k 8-pin connector
- T8o 8-pin connector
- T28a 28-pin connector
- T28e 28-pin connector
- T73b 73-pin connector, black
- TTVR Coupling point for front right door
- VX5 Passenger side exterior mirror
- V25 Front passenger side mirror adjustment motor 2
- V56 Driver door central locking motor
- V150 Front passenger side mirror adjustment motor
- V161 Driver door central locking SAFELOCK function motor
- Z5 Heated exterior mirror on passenger side
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- * Pre-wired component
- *2 For right-hand drive models
- *3 see applicable current flow diagram for basic equipment

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

Front right window regulator switch, Onboard supply control unit, Right window regulator motor



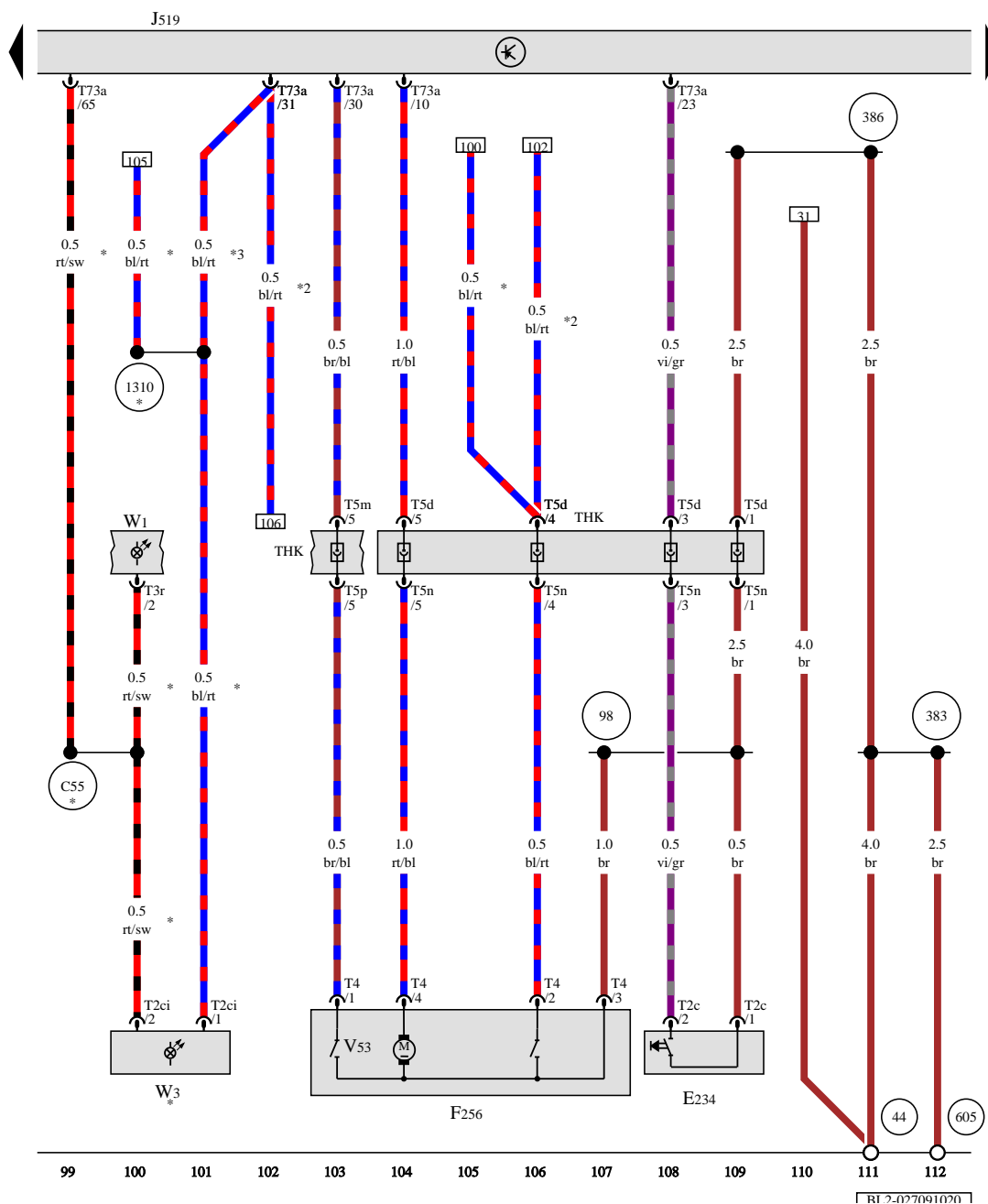
- E41 Front right window regulator switch, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T2az 2-pin connector, black
- T6n 6-pin connector, black
- T28a 28-pin connector
- T28e 28-pin connector
- TTVR Coupling point for front right door
- V15 Right window regulator motor, in front passenger door

- 43 Earth point, lower part of right A-pillar
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness

- * For right-hand drive models
- *2 For left-hand drive models

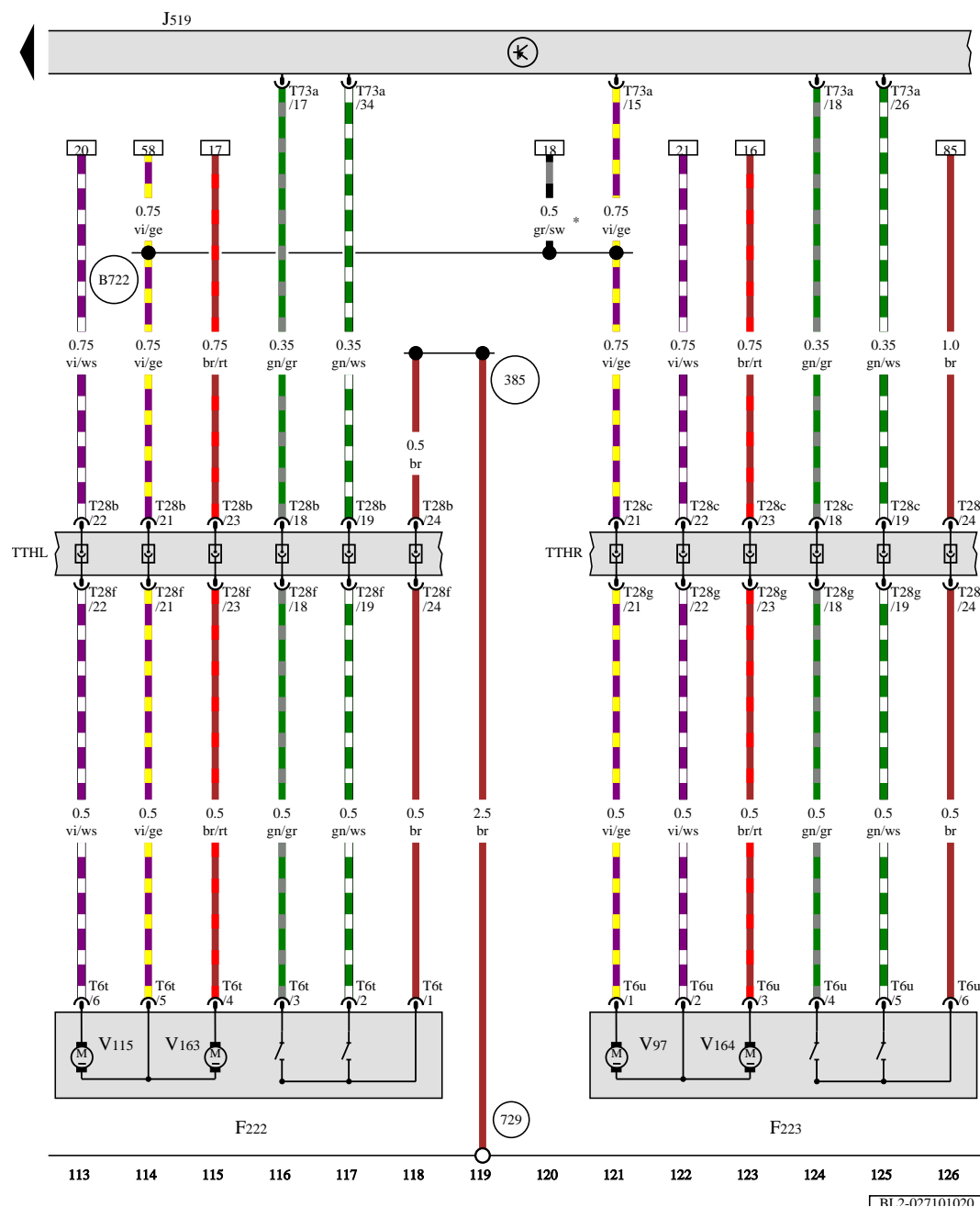
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Front interior light



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

- E234 Rear lid handle release button, in rear lid
- F256 Rear lid lock unit, in rear lid
- J519 Onboard supply control unit, on dash panel insert
- T2c 2-pin connector, black
- T2ci 2-pin connector, black
- T3r 3-pin connector, black
- T4 4-pin connector, black
- T5d 5-pin connector, black
- T5m 5-pin connector, brown
- T5n 5-pin connector, black
- T5p 5-pin connector, brown
- T73a 73-pin connector, black
- THK Coupling point for rear lid
- V53 Rear lid central locking motor
- W1 Front interior light
- W3 Luggage compartment light
- 44 Earth point, lower part of left A-pillar
- 98 Earth connection, in rear lid wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- 1310 Earth connection 36, in main wiring harness
- C55 Positive connection (30a), in front left wiring harness
- * For models with luggage compartment light
- *2 For models with no luggage compartment light
- *3 According to equipment



Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit

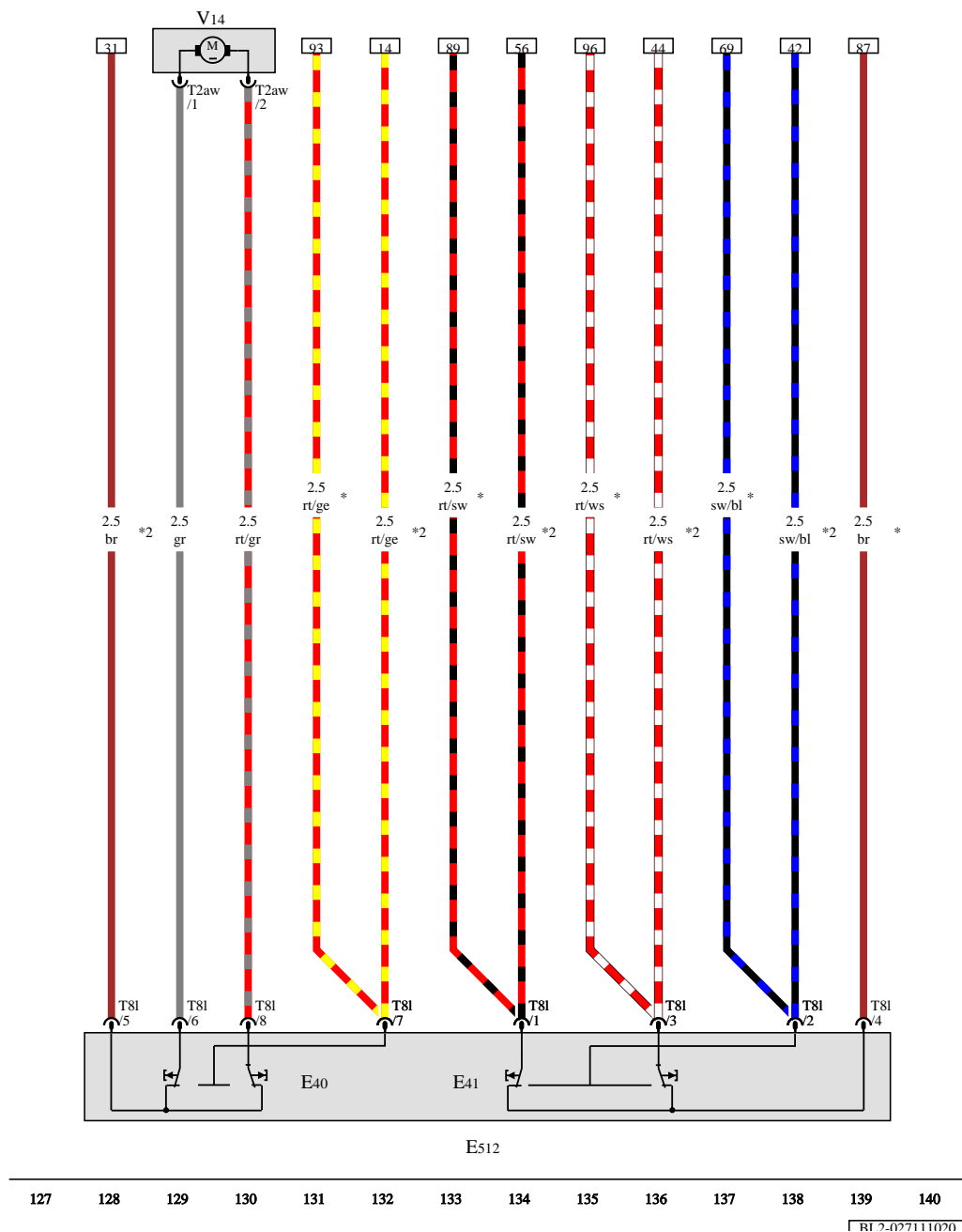
- F222 Rear left central locking lock unit, in rear left door
- F223 Rear right central locking lock unit, in rear right door
- J519 Onboard supply control unit, on dash panel insert
- T6t 6-pin connector, black
- T6u 6-pin connector, black
- T28b 28-pin connector
- T28c 28-pin connector
- T28f 28-pin connector, black
- T28g 28-pin connector
- T73a 73-pin connector, black
- TTHL Coupling point for rear left door
- TTHR Coupling point for rear right door
- V97 Rear right door central locking motor
- V115 Rear left door central locking motor
- V163 Rear left door central locking SAFELOCK function motor
- V164 Rear right door central SAFELOCK function locking motor

- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B722 Connection 3 (central locking), in main wiring harness
- * For right-hand drive models

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

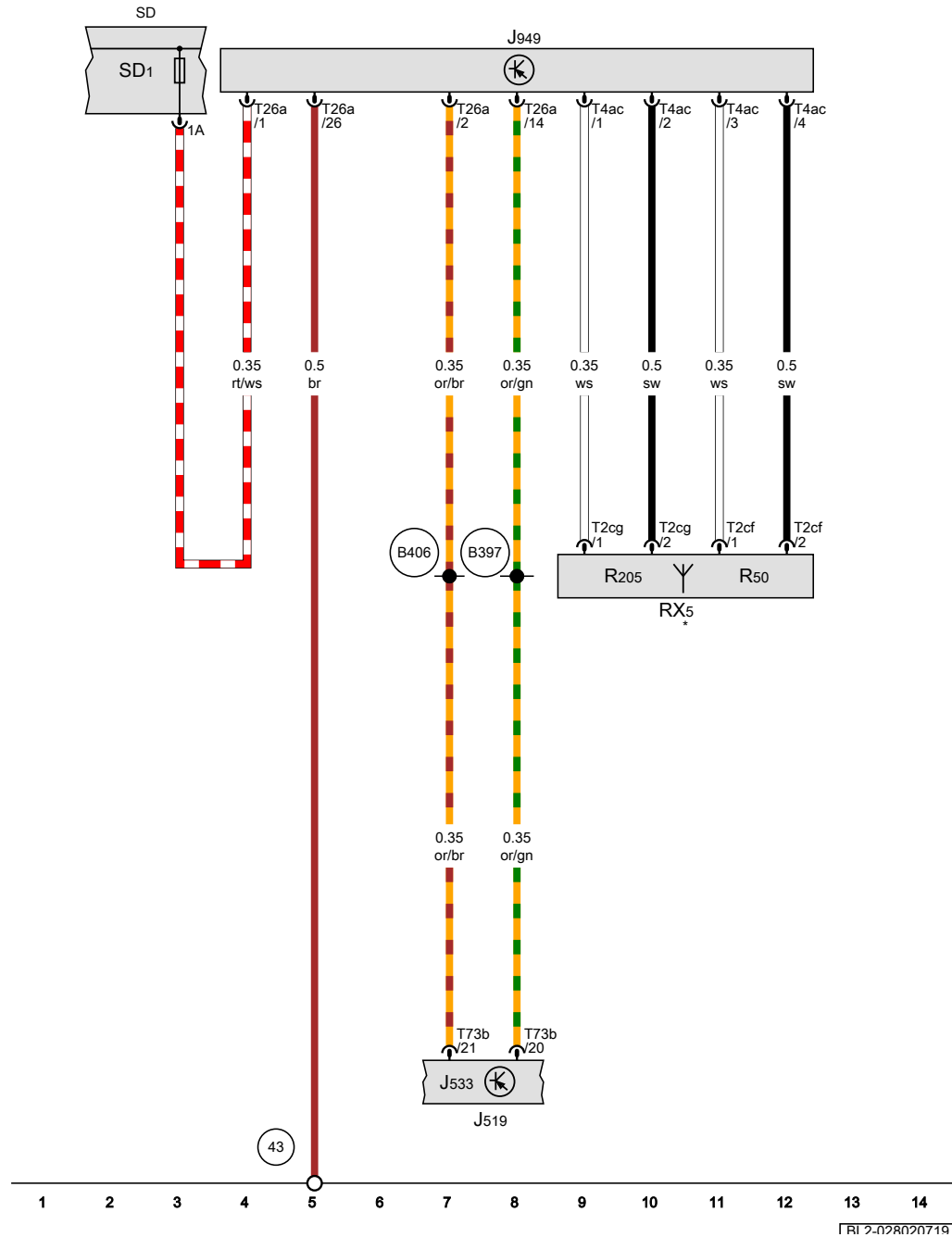
Operating unit for window regulator in driver door, Left
window regulator motor

- E40 Front left window regulator switch
- E41 Front right window regulator switch
- E512 Operating unit for window regulator in driver door, in driver door
- T2aw 2-pin connector, black
- T8l 8-pin connector, black
- V14 Left window regulator motor, in driver door
- * For right-hand drive models
- *2 For left-hand drive models



Emergency call module , (EL1)

From August 2016



Onboard supply control unit, Emergency call module control unit and communication unit, Roof aerial, Fuse holder D

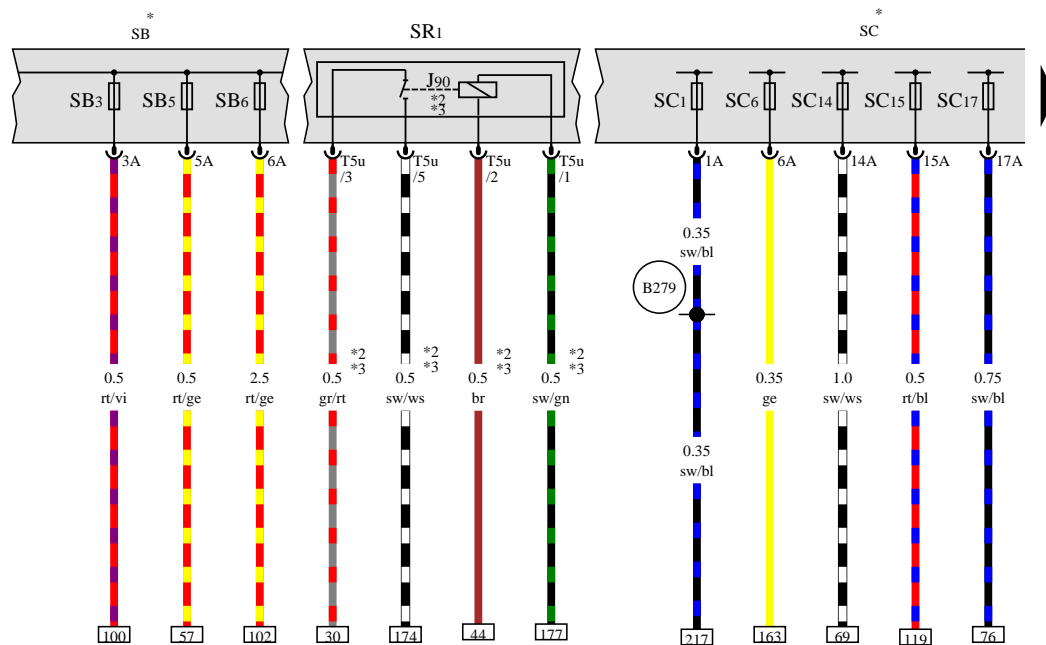
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- RX5 Roof aerial
- R50 GPS aerial
- R205 GSM aerial
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- T2cf 2-pin connector, black
- T2cg 2-pin connector, black
- T4ac 4-pin connector, black
- T26a 26-pin connector, black
- T73b 73-pin connector, colourless

- 43 Earth point, lower part of 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
- * Pre-wired component

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

Basic equipment

From November 2017



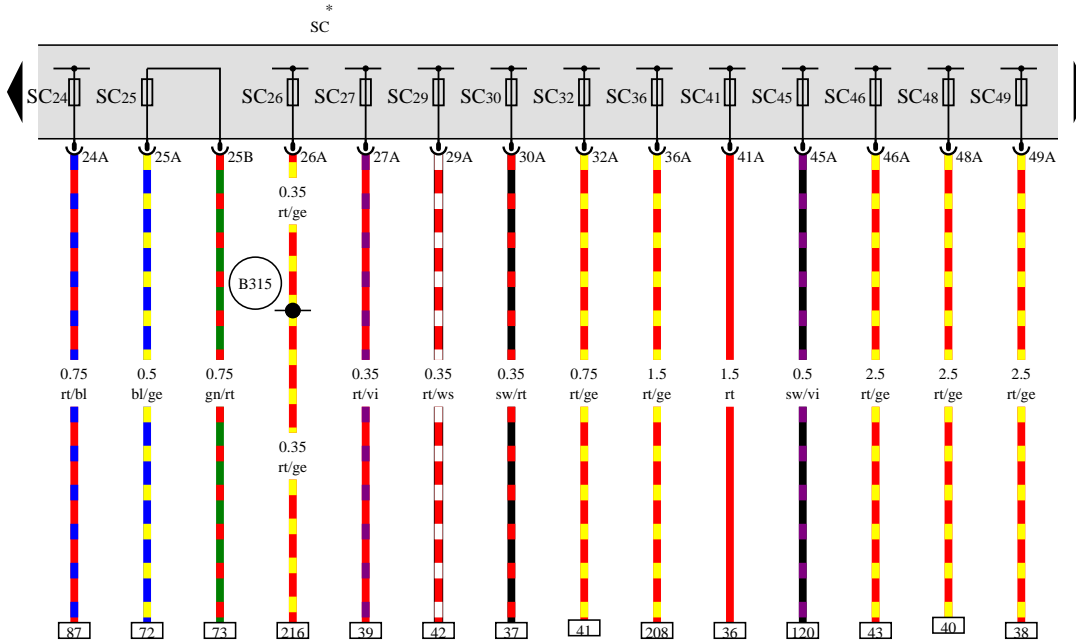
Daytime running light switch-on relay, Fuse holder B, Fuse holder C, Relay and fuse carrier 1

- J90 Daytime running light switch-on relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SR1 Relay and fuse carrier 1
- SC6 Fuse 6 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- T5u 5-pin connector, black

B279 Positive connection 3 (15a) in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Up to November 2016
- *3 According to equipment

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



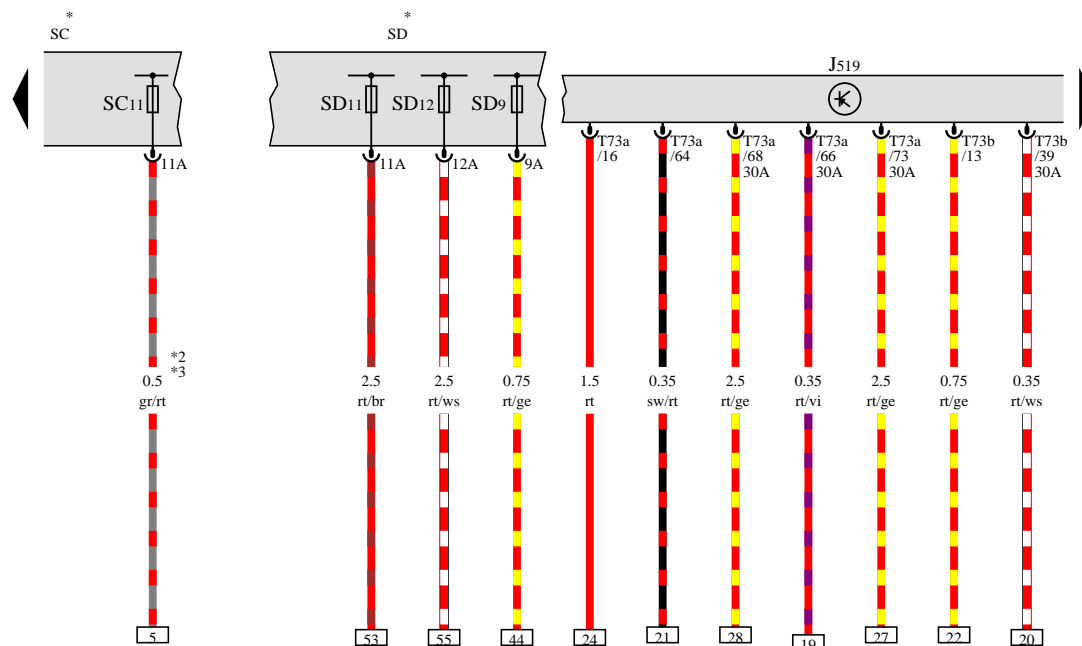
Fuse holder C

SC	Fuse holder C
SC24	Fuse 24 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
SC29	Fuse 29 on fuse holder C
SC30	Fuse 30 on fuse holder C
SC32	Fuse 32 on fuse holder C
SC36	Fuse 36 on fuse holder C
SC41	Fuse 41 on fuse holder C
SC45	Fuse 45 on fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C

B315 Positive connection 1 (30a) in main wiring harness

* see applicable current flow diagram for fuse assignment

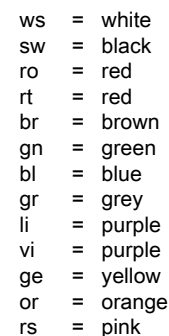
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



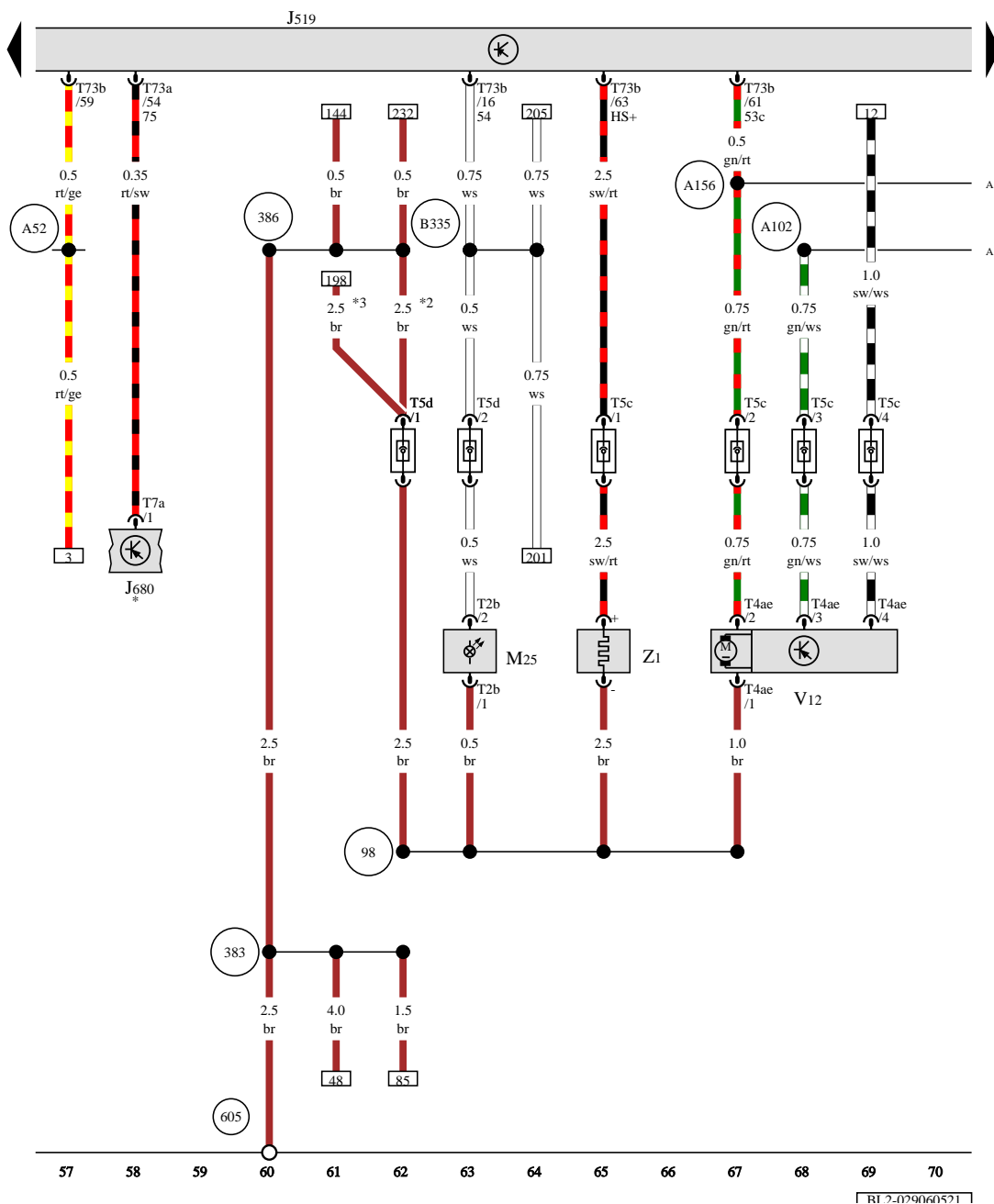
Onboard supply control unit, Fuse holder C, Fuse holder D

- J519 Onboard supply control unit
- SC Fuse holder C
- SD Fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD11 Fuse 11 on fuse holder D
- SC11 Fuse 11 on fuse holder C
- SD12 Fuse 12 on fuse holder D
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- * see applicable current flow diagram for fuse assignment
- *2 Up to November 2016
- *3 According to equipment

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



- 44 Earth point, lower part of left A-pillar
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 689 Earth point, at front, central in roof
- A82 Connection (windscreen heater), in dash panel wiring harness
- * Pre-wired component
- *2 Up to November 2020
- *3 Earth supply via housing
- *4 For models with background lighting
- *5 Up to June 2021
- *6 Up to November 2016
- *7 According to equipment
- *8 From November 2020
- *9 From June 2021



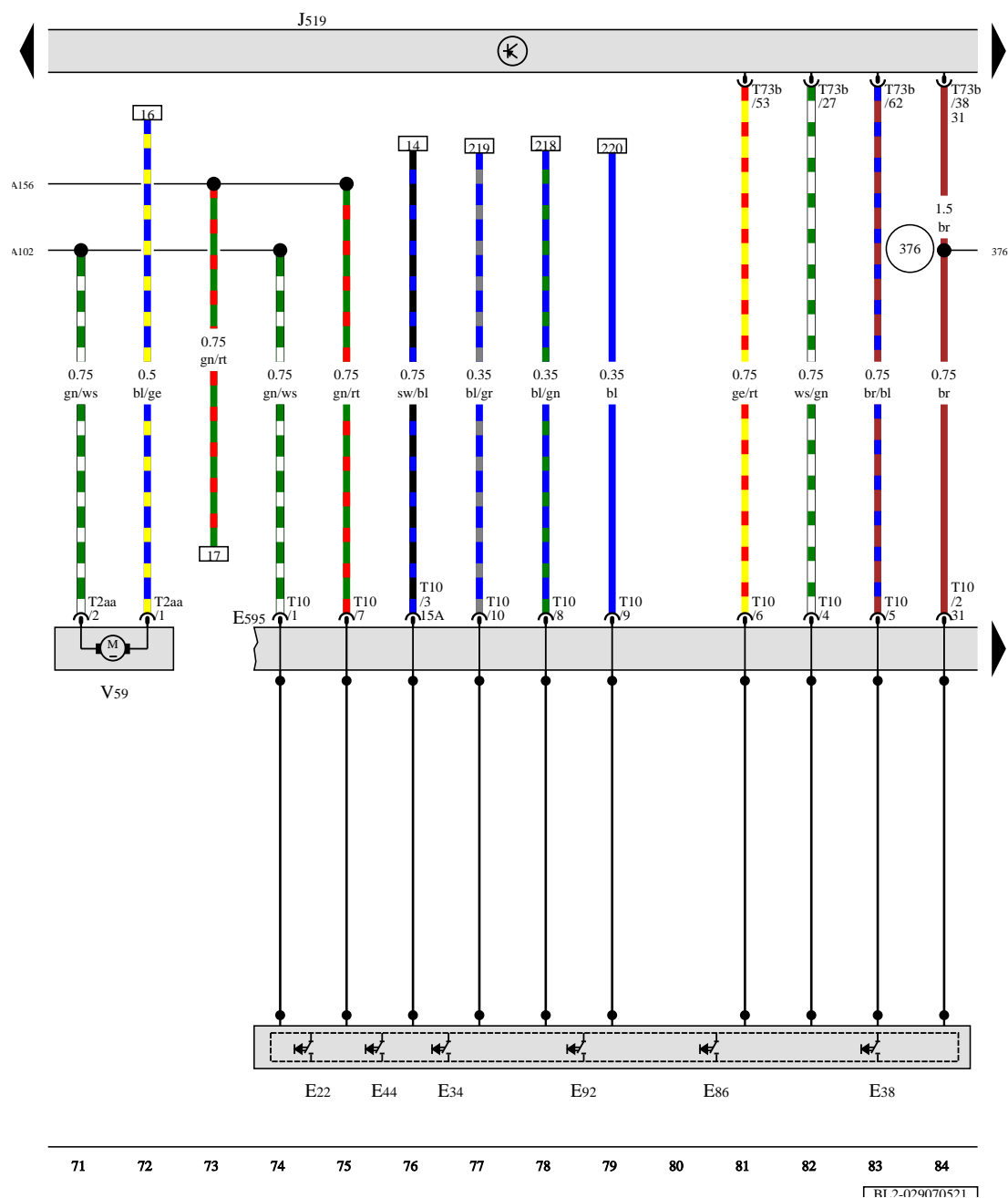
Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Heated rear window

- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- M25 High-level brake light bulb
- T2b 2-pin connector, black
- T4ae 4-pin connector, black
- T5c 5-pin connector, brown
- T5d 5-pin connector, black
- T7a 7-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V12 Rear window wiper motor
- Z1 Heated rear window

- 98 Earth connection, in rear lid wiring harness
- 383 Earth connection 18, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- A52 Positive connection 2 (30), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness
- B335 Connection 1 (54), in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Up to August 2019
- *3 From August 2019

- 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

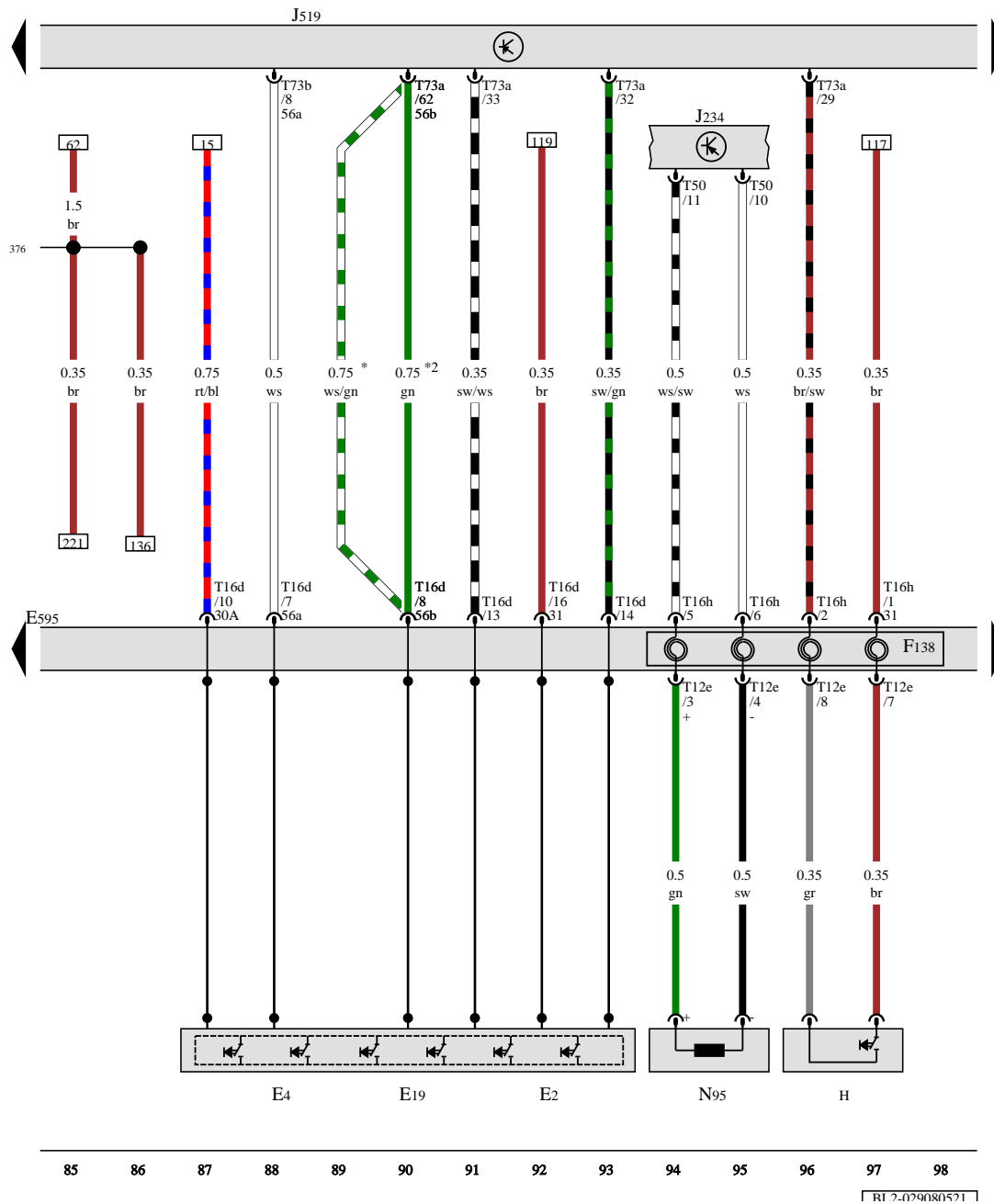


Steering column combination switch, Onboard supply control unit, Windscreen and rear window washer pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- E595 Steering column combination switch
- J519 Onboard supply control unit
- T2aa 2-pin connector, black
- T10 10-pin connector, black
- T73b 73-pin connector, colourless
- V59 Windscreen and rear window washer pump

- 376 Earth connection 11, in main wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- A156 Connection (53c), in dash panel wiring harness

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

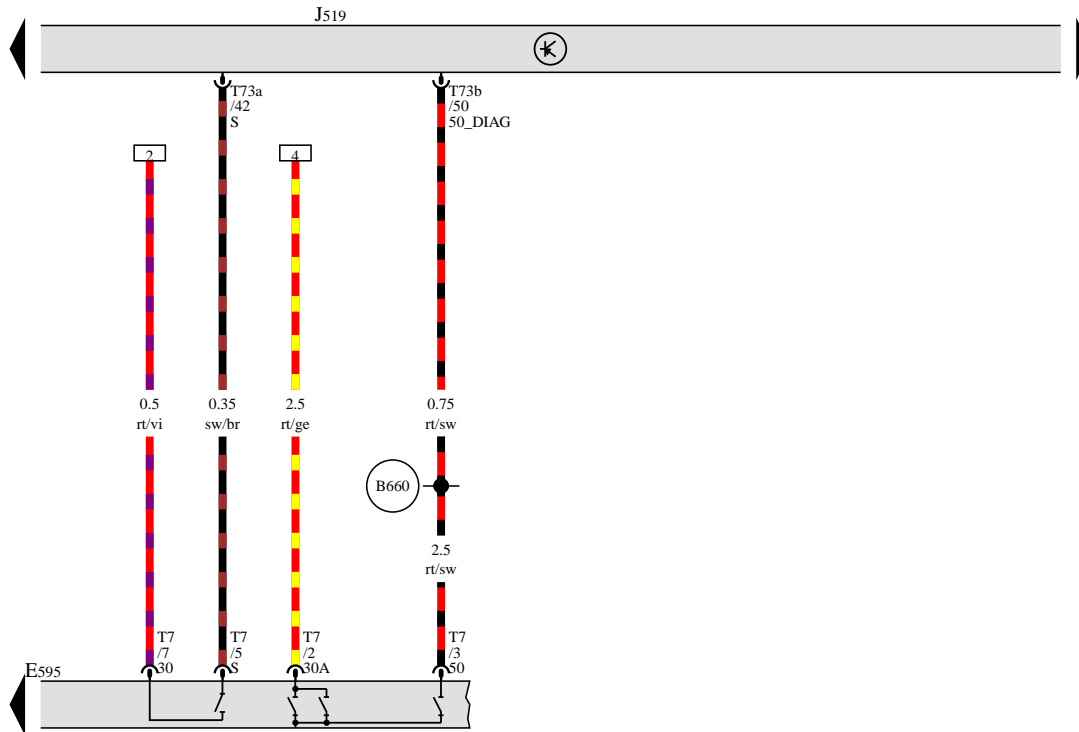


Turn signal switch, Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Onboard supply control unit, Airbag igniter on driver side

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E19 Parking light switch
- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- N95 Airbag igniter on driver side
- T12e 12-pin connector, black
- T16d 16-pin connector, black
- T16h 16-pin connector, black
- T50 50-pin connector, green
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

376 Earth connection 11, in main wiring harness

- * Up to November 2020
- *2 From November 2020

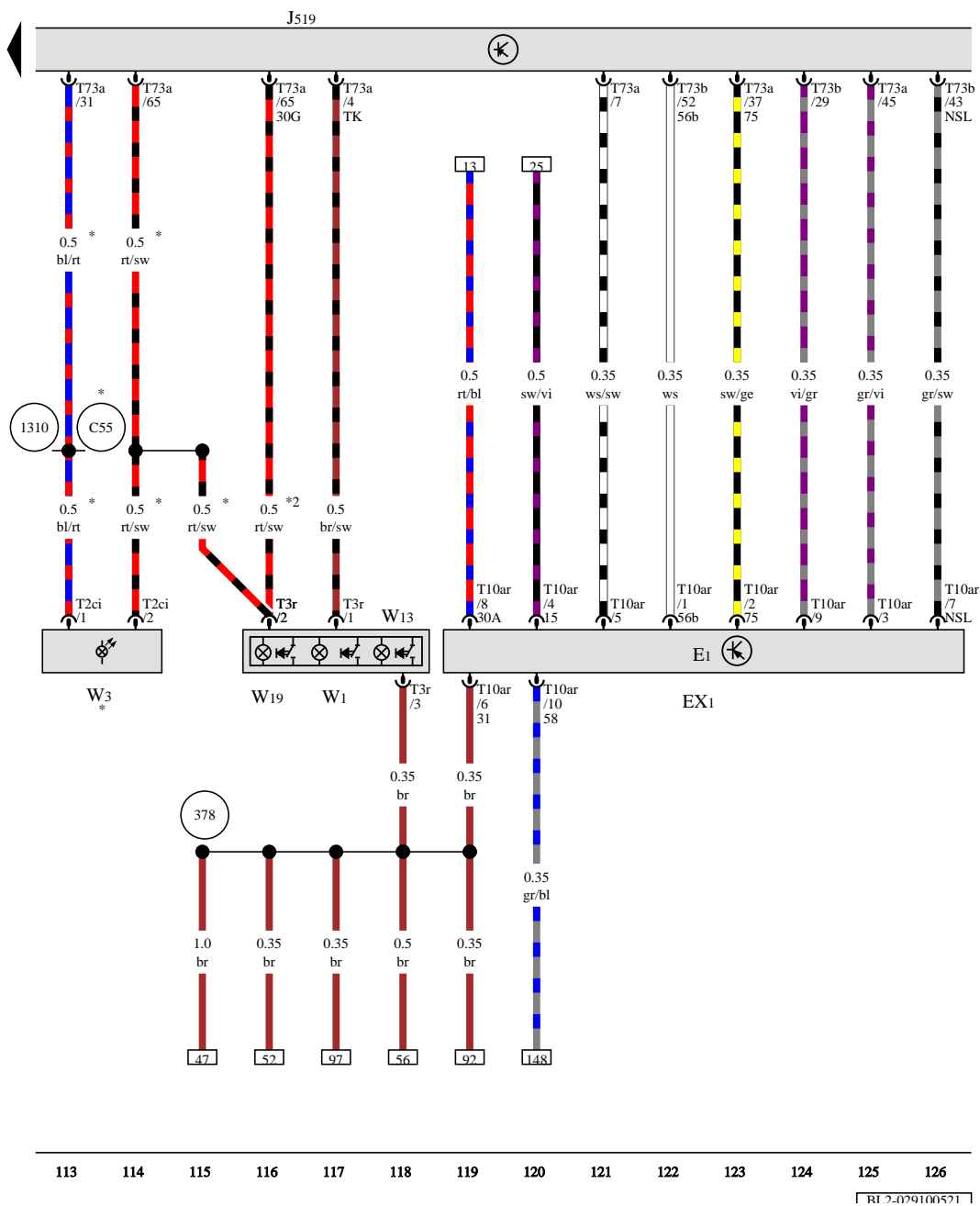


Steering column combination switch, Onboard supply control unit

- E595 Steering column combination switch
- J519 Onboard supply control unit
- T7 7-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- B660 Connection (diagnosis terminal 50), in main wiring harness
- * For models with luggage compartment light

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

Rotary light switch, Onboard supply control unit, Front interior light, Luggage compartment light, Front passenger reading light, Driver side reading light



- EX1 Rotary light switch
- E1 Light switch
- J519 Onboard supply control unit
- T2ci 2-pin connector, black
- T3r 3-pin connector, black
- T10ar 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- W1 Front interior light
- W3 Luggage compartment light
- W13 Front passenger reading light
- W19 Driver side reading light

378 Earth connection 13, in main wiring harness

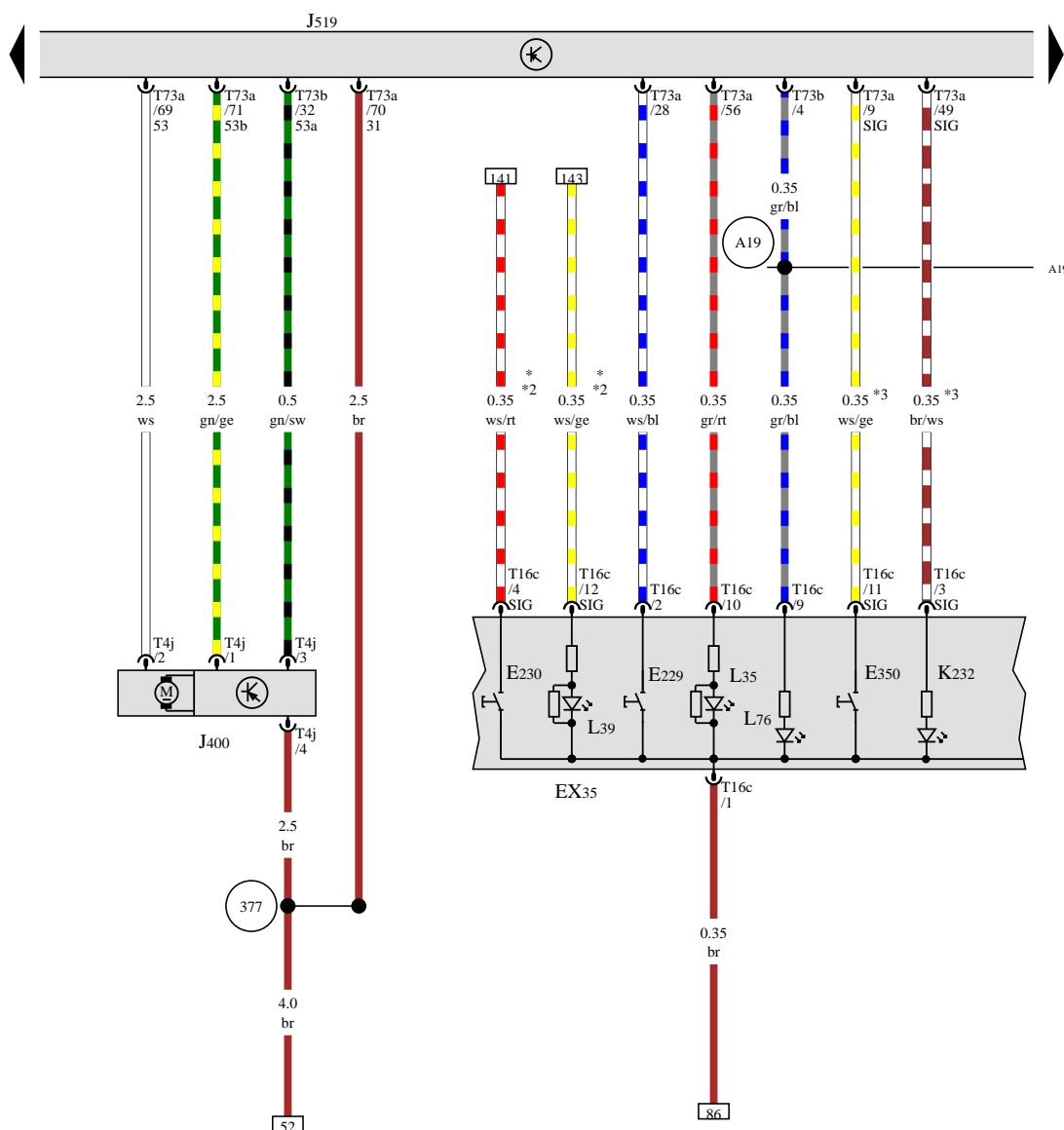
1310 Earth connection 36, in main wiring harness

C55 Positive connection (30a), in front left wiring harness

* For models with luggage compartment light

*2 For models with no luggage compartment light

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



Centre switch module 2 in dash panel, Hazard warning lights button, Wiper motor control unit, Onboard supply control unit

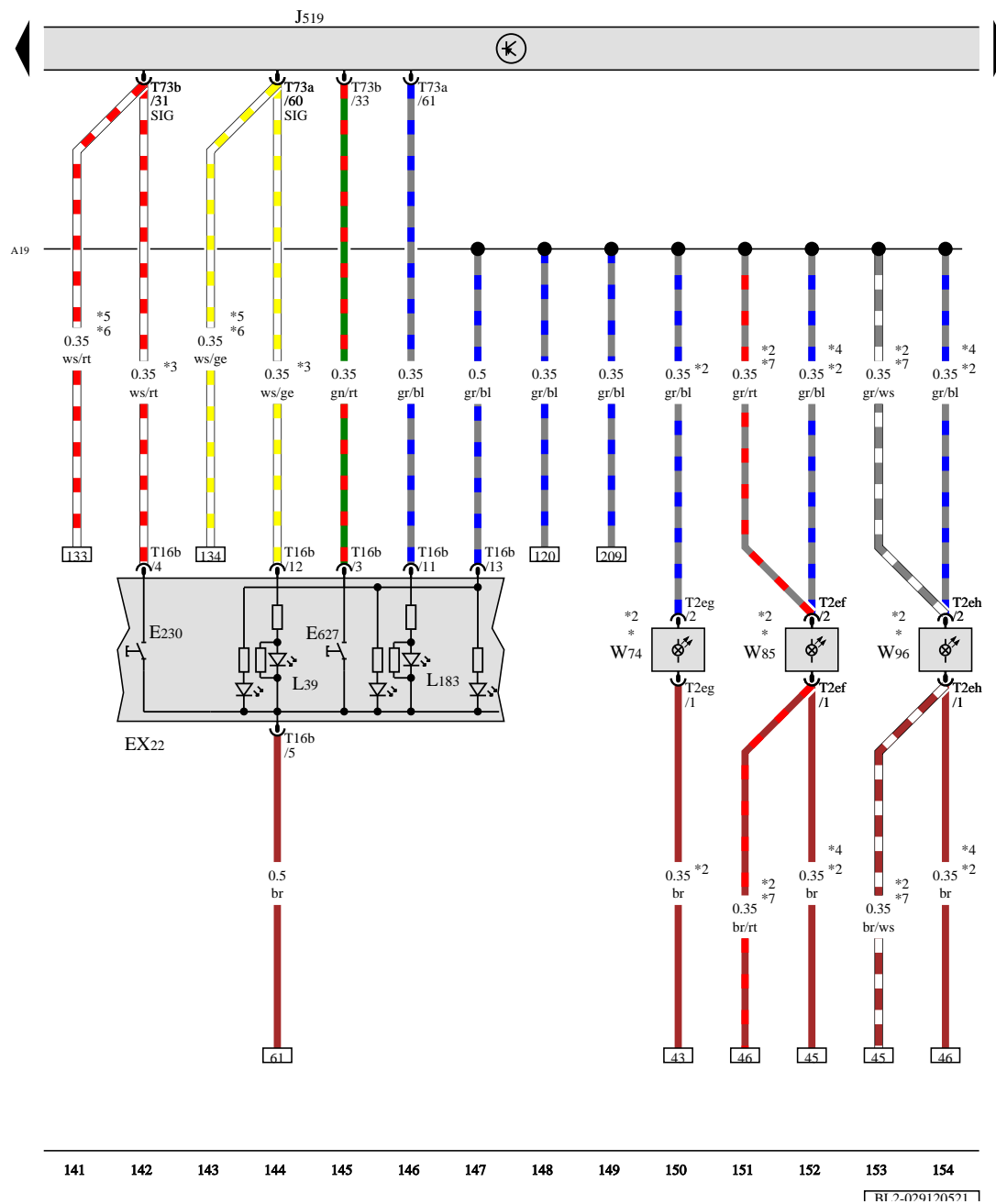
- EX35 Centre switch module 2 in dash panel
- E229 Hazard warning lights button
- E230 Heated rear window button
- E350 Seat depth adjustment button
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- K232 Lane change assist warning lamp
- L35 Hazard warning lights switch illumination bulb
- L39 Heated rear window switch illumination bulb
- L76 Button illumination bulb
- T4j 4-pin connector, black
- T16c 16-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless

377 Earth connection 12, in main wiring harness

A19 Connection (58d), in dash panel wiring harness

- * For models with no seat heating
- *2 From July 2018
- *3 From August 2019

- 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

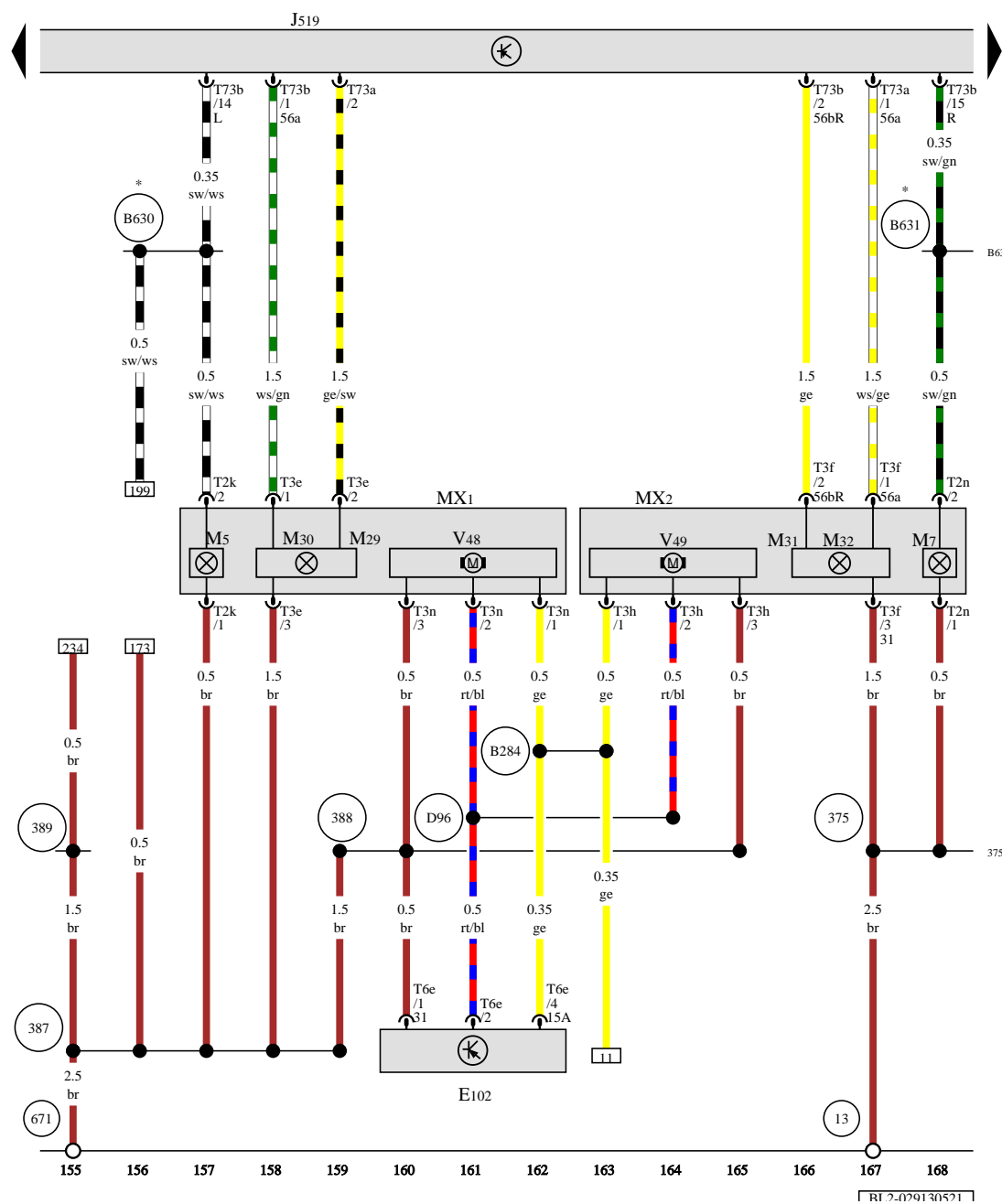


Centre switch module in dash panel, Heated rear window button, Onboard supply control unit, Light conductor for front centre console background lighting, Light conductor for front passenger side background lighting, Light conductor for driver side background lighting

- EX22 Centre switch module in dash panel
- E230 Heated rear window button
- E627 Heated windscreen button
- J519 Onboard supply control unit
- L39 Heated rear window switch illumination bulb
- L183 Bulb for heated windscreen switch illumination
- T2ef 2-pin connector, black
- T2eg 2-pin connector, black
- T2eh 2-pin connector, black
- T16b 16-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- W74 Light conductor for front centre console background lighting
- W85 Light conductor for front passenger side background lighting
- W96 Light conductor for driver side background lighting

A19 Connection (58d), in dash panel wiring harness

- * Pre-wired component
- *2 For models with background lighting
- *3 For models with heated seats
- *4 Up to June 2021
- *5 For models with no seat heating
- *6 From July 2018
- *7 From June 2021

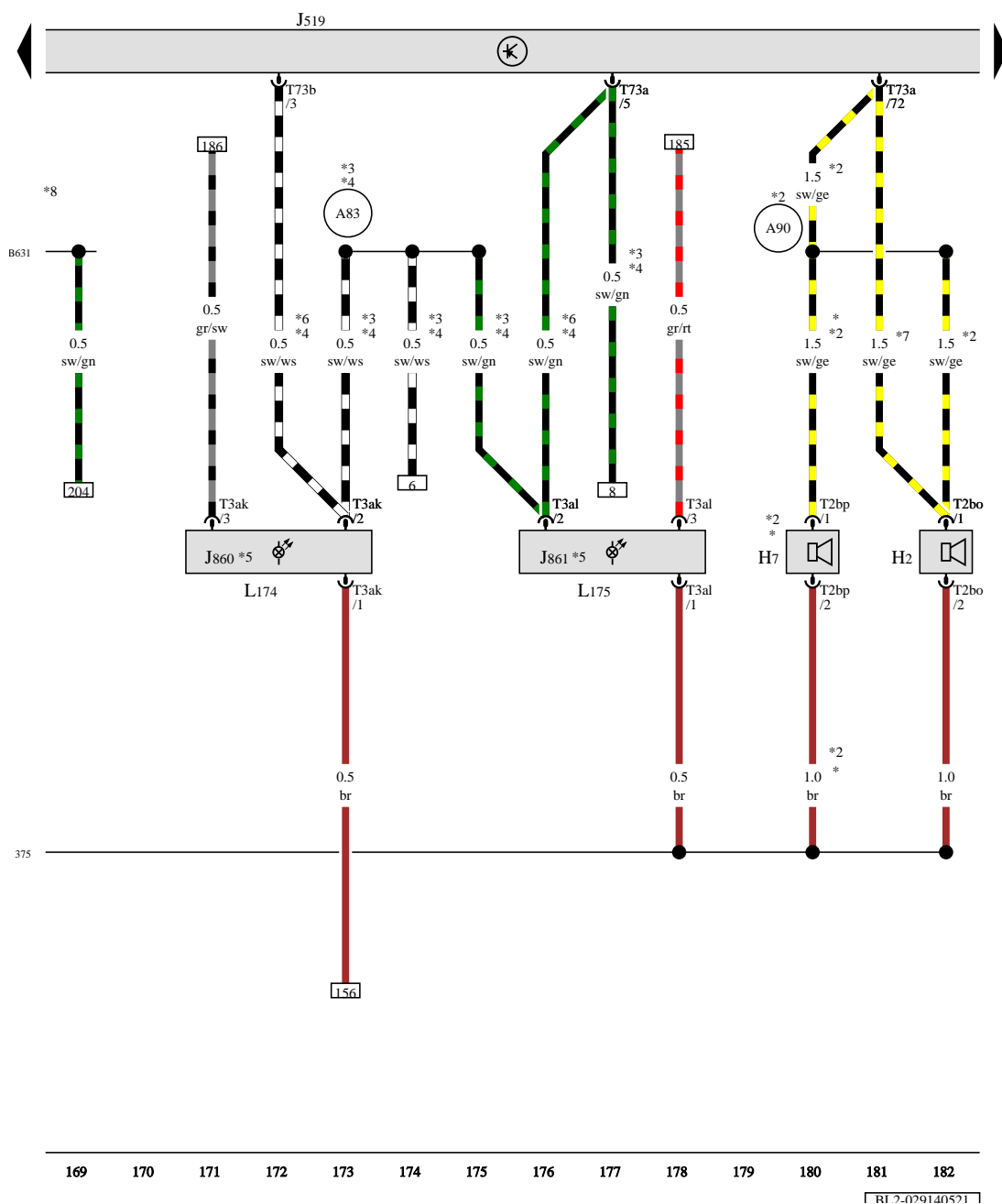


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow

Headlight range control regulator, Onboard supply control unit, Front left headlight, Front right headlight, Front left turn signal bulb, Front right turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Left headlight range control motor, Right headlight range control motor

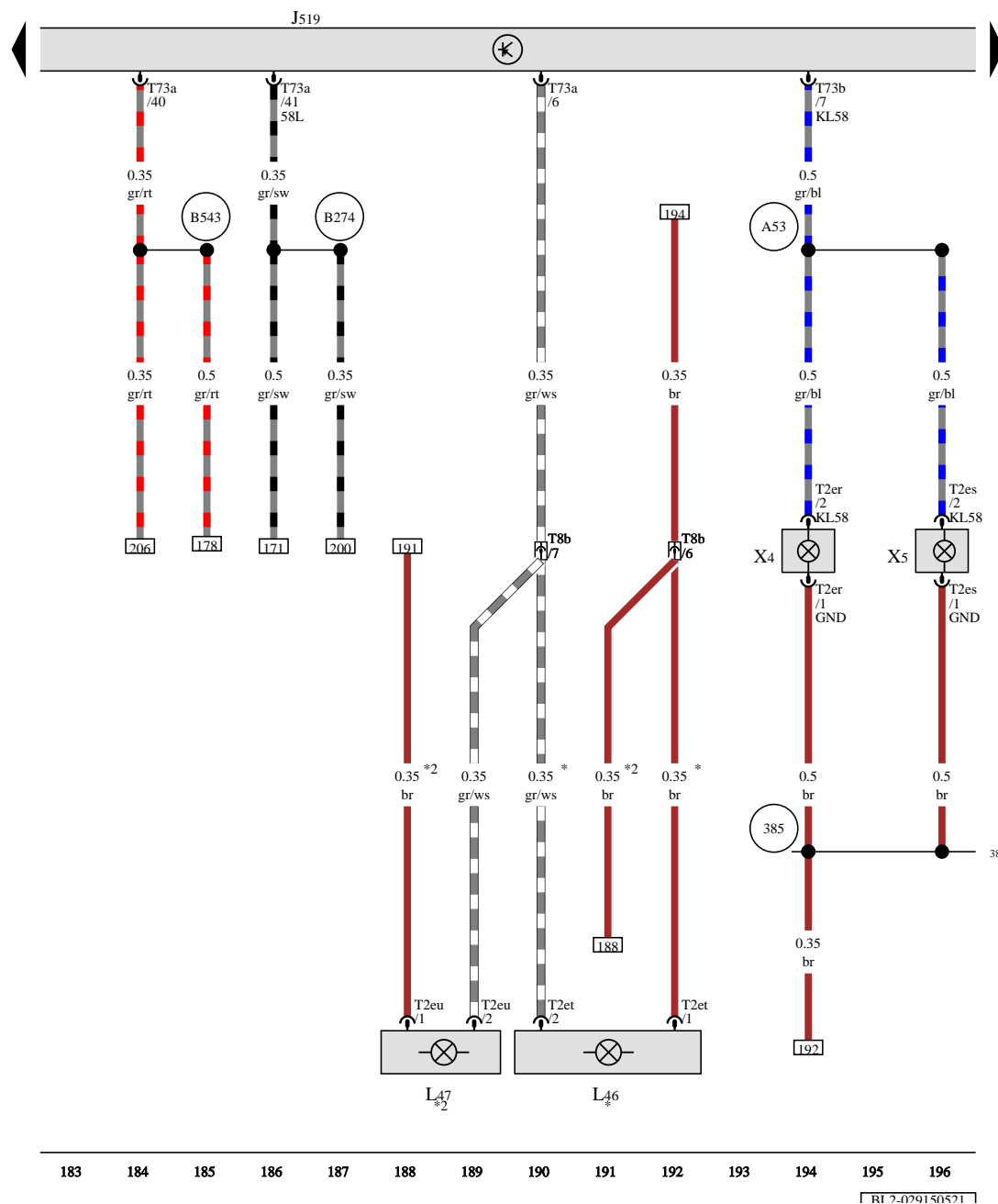
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- MX1 Front left headlight
- MX2 Front right headlight
- M5 Front left turn signal bulb
- M7 Front right turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T2k 2-pin connector, black
- T2n 2-pin connector, black
- T3e 3-pin connector, colourless
- T3f 3-pin connector, colourless
- T3h 3-pin connector, black
- T3n 3-pin connector, black
- T6e 6-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- V48 Left headlight range control motor
- V49 Right headlight range control motor

- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B284 Positive connection 8 (15a) in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- D96 Connection (headlight range control), in engine compartment wiring harness



Treble horn, Bass horn, Onboard supply control unit, Left daytime running light bulb, Right daytime running light bulb

- H2 Treble horn
- H7 Bass horn
- J519 Onboard supply control unit
- J860 Control unit for left daytime running light and side light
- J861 Control unit for right daytime running light and side light
- L174 Left daytime running light bulb
- L175 Right daytime running light bulb
- T2bo 2-pin connector, black
- T2bp 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- 375 Earth connection 10, in main wiring harness
- A83 Connection (daytime running lights), in dash panel wiring harness
- A90 Connection (dual tone horn), in dash panel wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- * For models with dual tone horn
- *2 Up to June 2021
- *3 Up to November 2016
- *4 According to equipment
- *5 For models with LED headlights
- *6 From October 2016
- *7 From June 2021
- *8 see applicable current flow diagram for convenience system

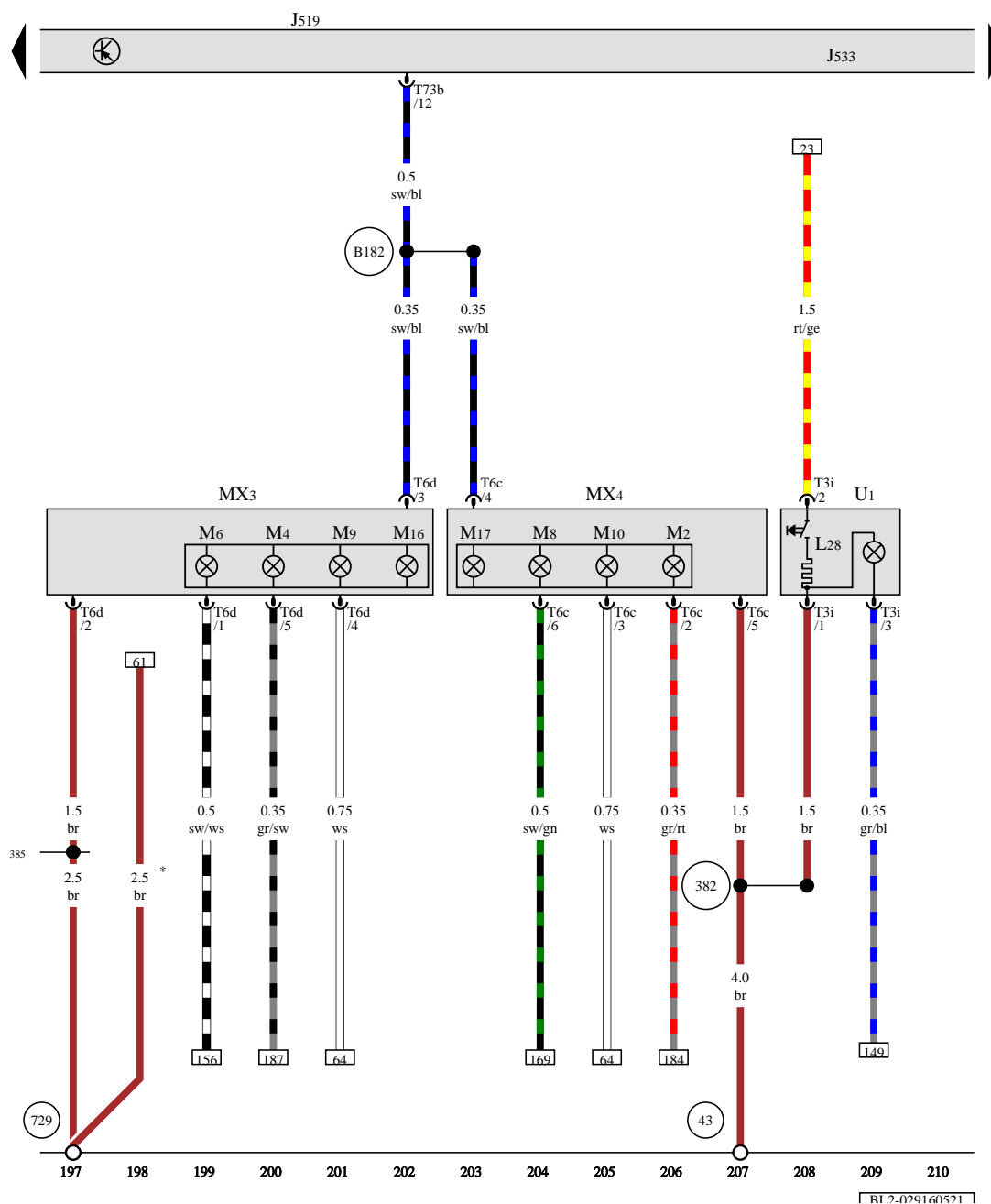


Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- T2er 2-pin connector, black
- T2es 2-pin connector, black
- T2et 2-pin connector, black
- T2eu 2-pin connector, black
- T8b 8-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- X4 Left number plate light
- X5 Right number plate light

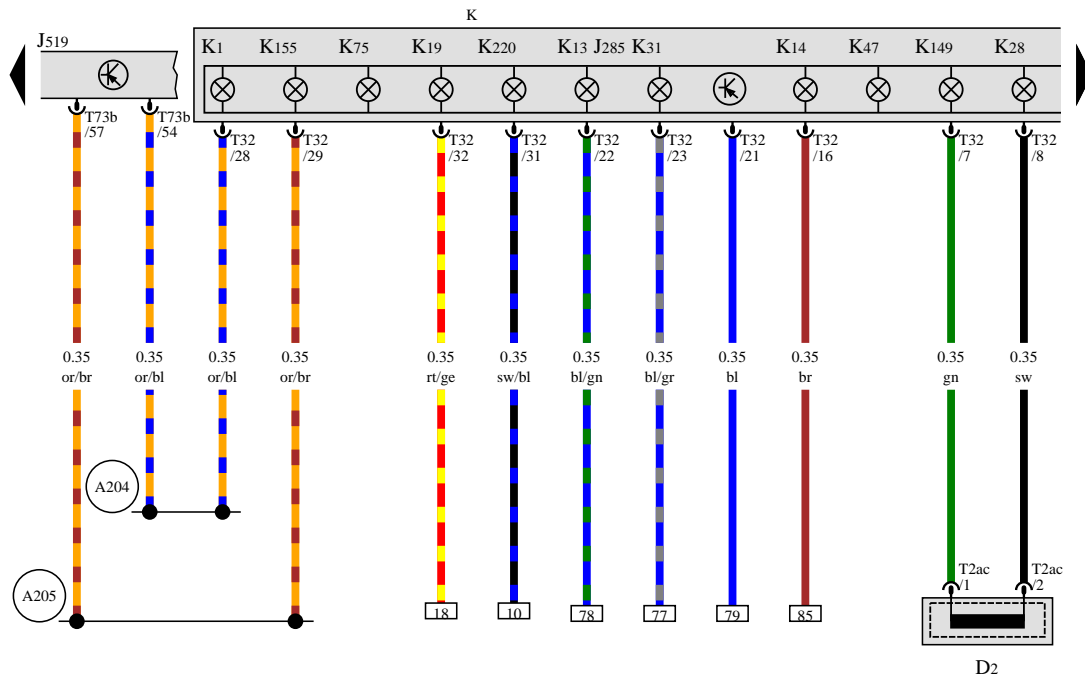
- 385 Earth connection 20, in main wiring harness
- A53 Positive connection (58b), in dash panel wiring harness
- B274 Positive connection (58L), in main wiring harness
- B543 Positive connection (58R), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

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



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

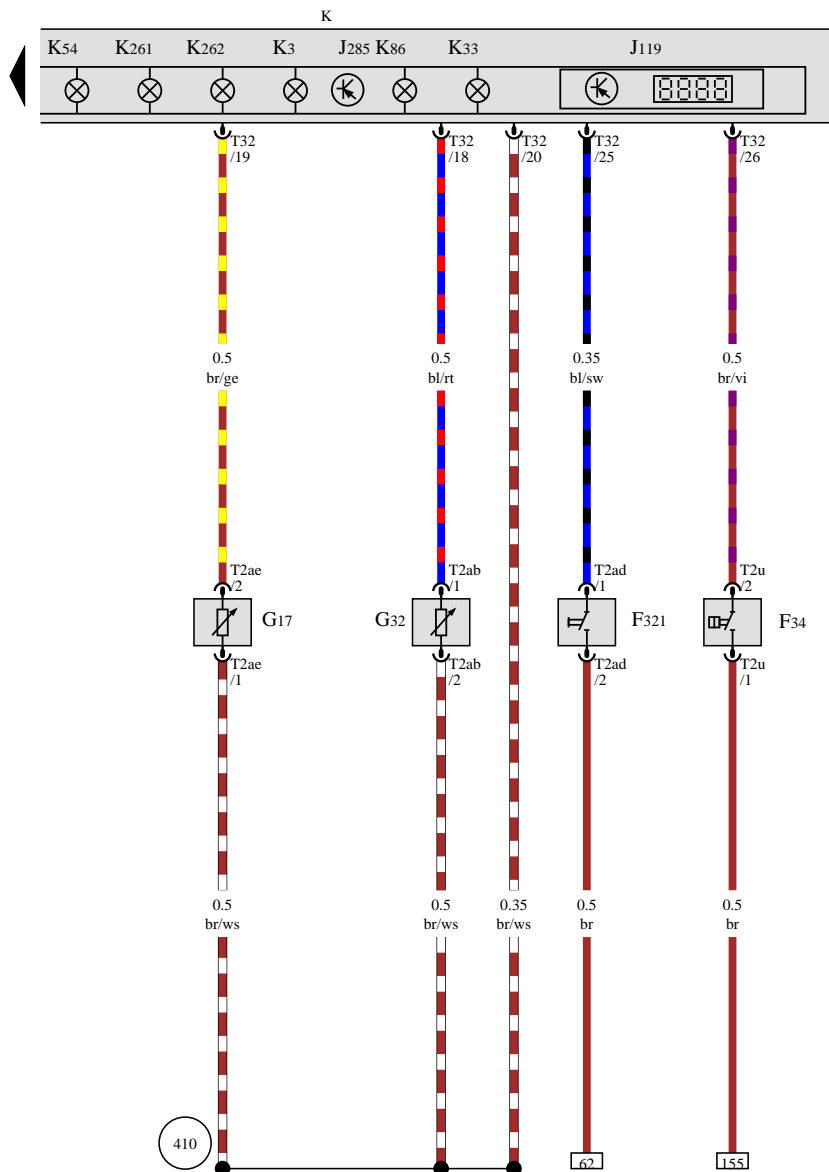
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- L28 Cigarette lighter illumination bulb
- M2 Right tail light bulb
- MX3 Left tail light cluster
- M4 Left tail light bulb
- MX4 Right tail light cluster
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T3i 3-pin connector, black
- T6c 6-pin connector, black
- T6d 6-pin connector, black
- T73b 73-pin connector, colourless
- U1 Cigarette lighter
- 43 Earth point, lower part of right A-pillar
- 382 Earth connection 17, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B182 Connection (RL), in interior wiring harness
- * From August 2019



Immobiliser reader coil, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K1 Main beam warning lamp
- K13 Rear fog light warning lamp
- K14 Handbrake warning lamp
- K19 Seat belt warning system warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K47 ABS warning lamp
- K75 Airbag warning lamp
- K149 Engine electronics warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K220 Tyre Pressure Loss Indicator warning lamp
- T2ac 2-pin connector, black
- T32 32-pin connector, blue
- T73b 73-pin connector, colourless
- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

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



Brake fluid level warning contact, Parking brake contact switch, Ambient temperature sensor, Coolant shortage indicator sender, Control unit in dash panel insert, Dash panel insert

- F34 Brake fluid level warning contact
- F321 Parking brake contact switch
- G17 Ambient temperature sensor
- G32 Coolant shortage indicator sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K3 Oil pressure warning lamp
- K33 Brake fluid level warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K86 Traction control system warning lamp
- K261 Warning lamp for left turn signal
- K262 Warning lamp for right turn signal
- T2ab 2-pin connector, black
- T2ad 2-pin connector, black
- T2ae 2-pin connector, black
- T2u 2-pin connector, black
- T32 32-pin connector, blue

410 Earth connection 1 (sender earth) in main wiring harness

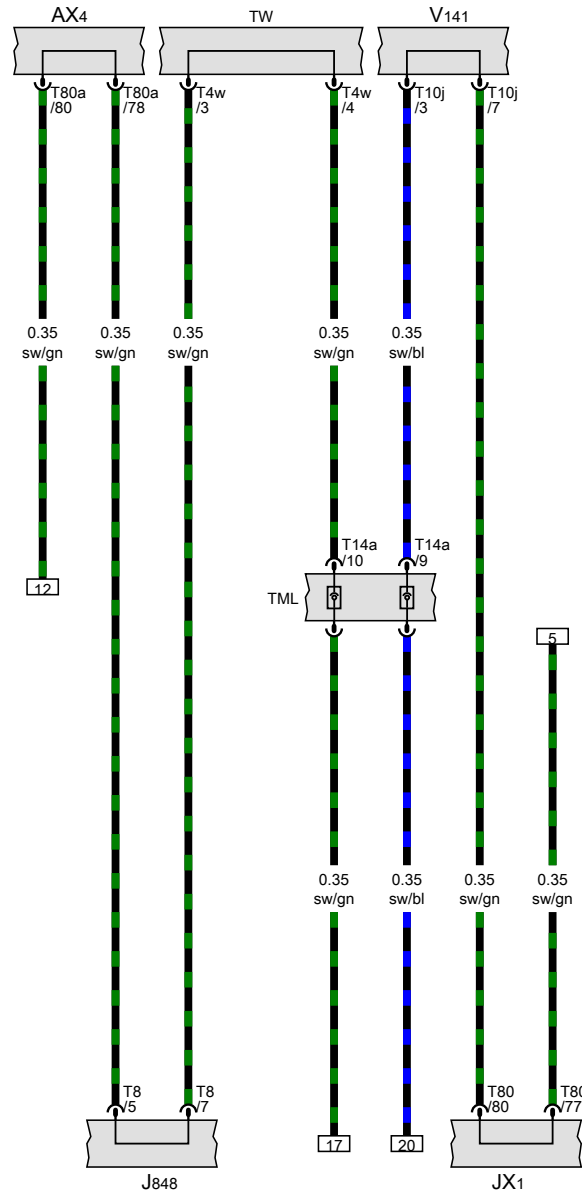
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Pilot line for high-voltage system

From July 2013

Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, High-voltage heater (PTC) control unit, Maintenance connector for high-voltage system, Electric drive motor

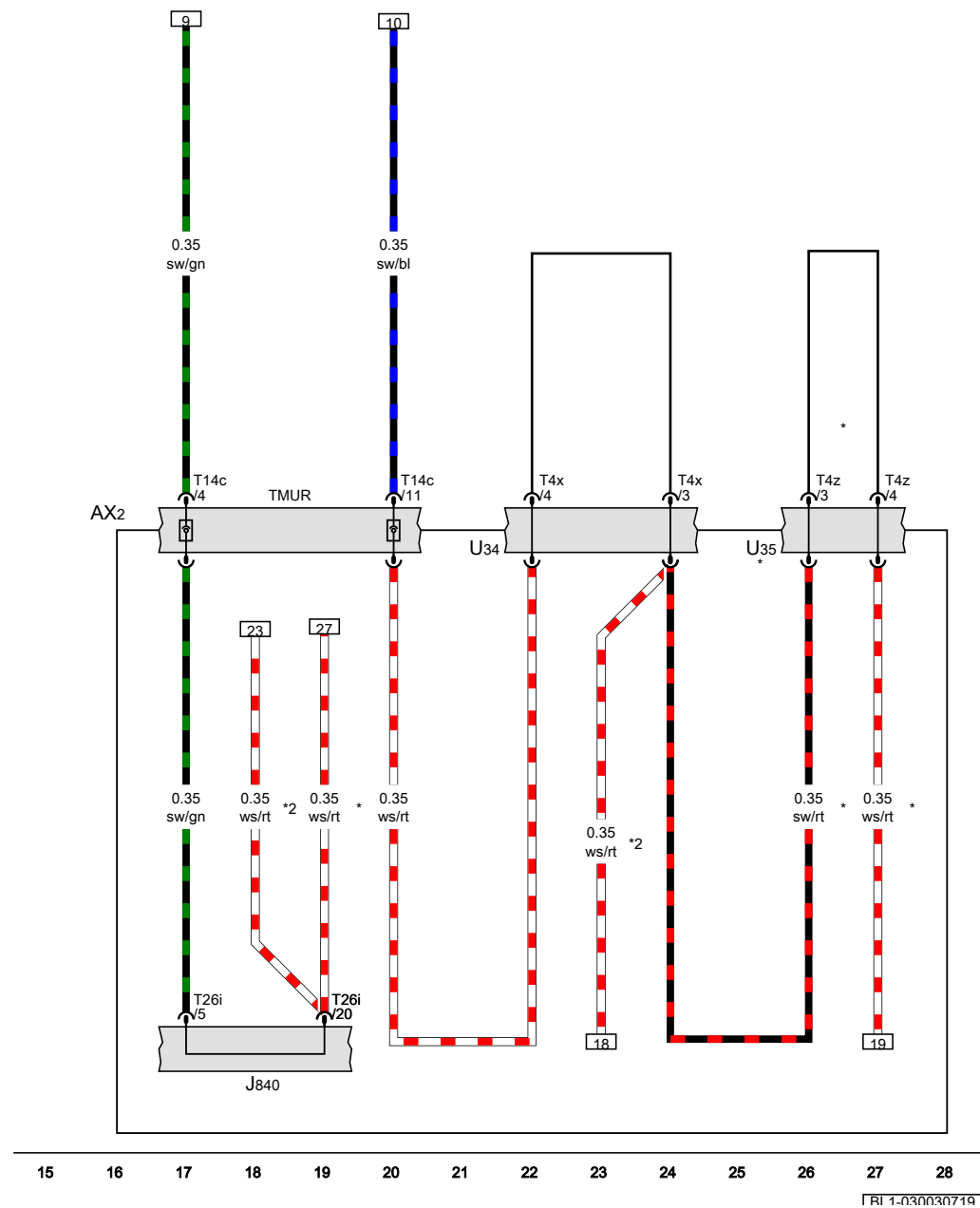
- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J848 High-voltage heater (PTC) control unit
- T4w 4-pin connector, green
- T8 8-pin connector, black
- T10j 10-pin connector, black
- T14a 14-pin connector, brown
- T80 80-pin connector, black
- T80a 80-pin connector, black
- TML Coupling point in engine compartment, left
- TW Maintenance connector for high-voltage system
- V141 Electric drive motor



- 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

Battery regulation control unit, High-voltage battery charging connection 1, High-voltage battery charging connection 2

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- T4x 4-pin connector, orange
- T4z 4-pin connector, orange
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- TMUR Coupling point on engine, bottom right
- U34 High-voltage battery charging connection 1
- U35 High-voltage battery charging connection 2
- * For models with combined AC and DC charging system
- *2 According to equipment



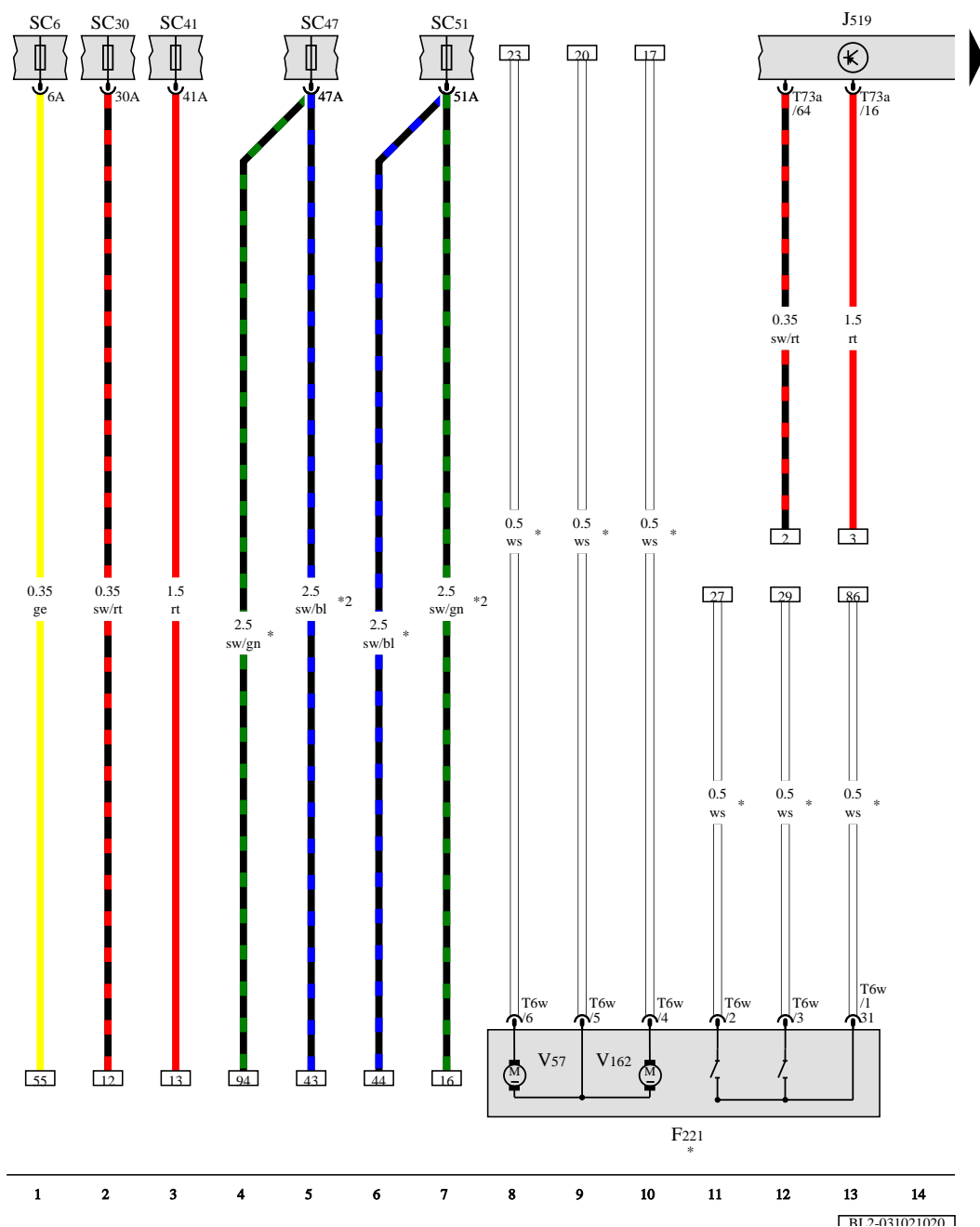
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Convenience system

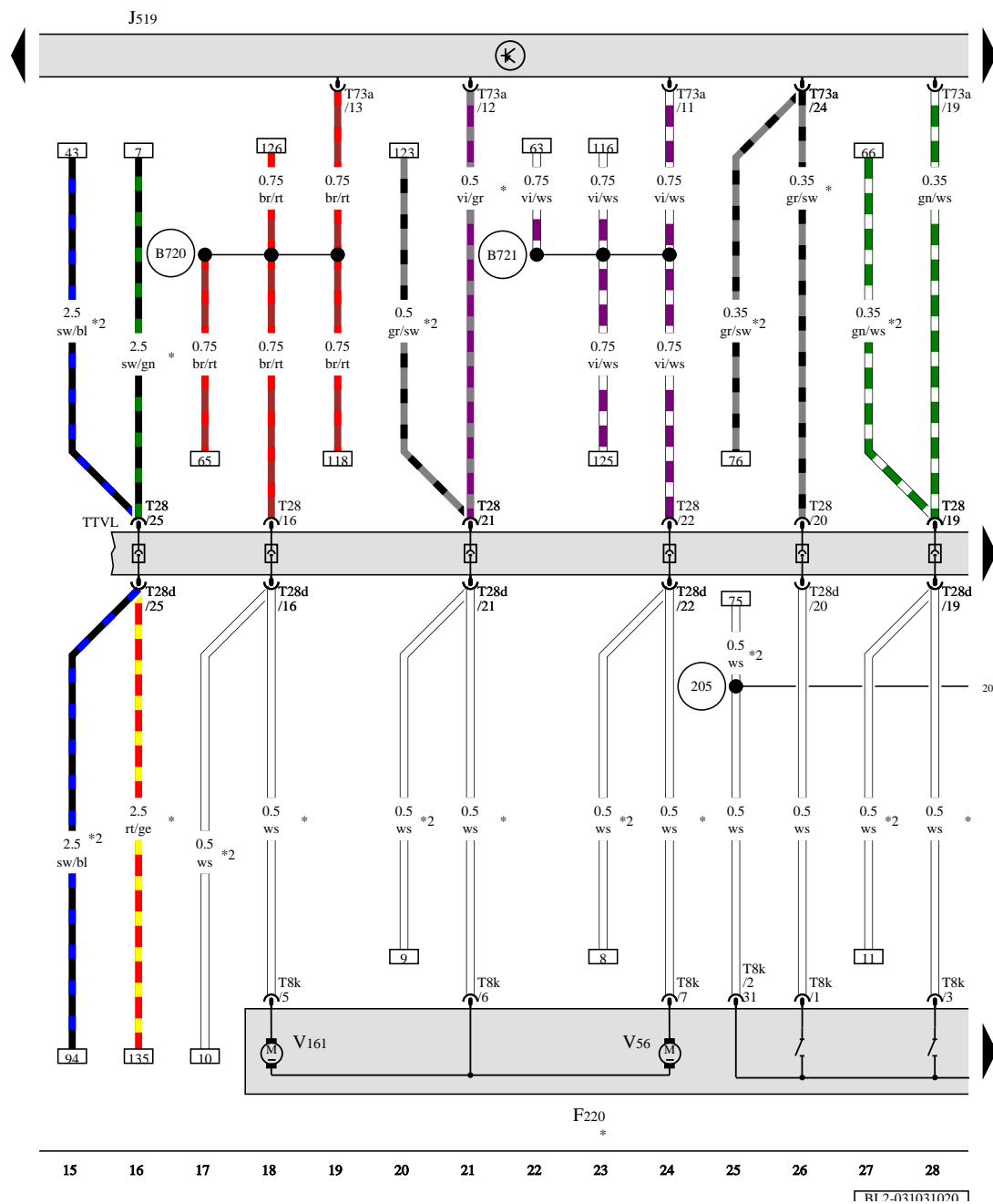
From November 2017

Front passenger side central locking lock unit, Onboard supply control unit

- F221 Front passenger side central locking lock unit, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- SC6 Fuse 6 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T6w 6-pin connector, black
- T73a 73-pin connector, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor
- * For right-hand drive models
- *2 For left-hand drive models



Driver side central locking lock unit, Onboard supply control unit



- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T8k 8-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

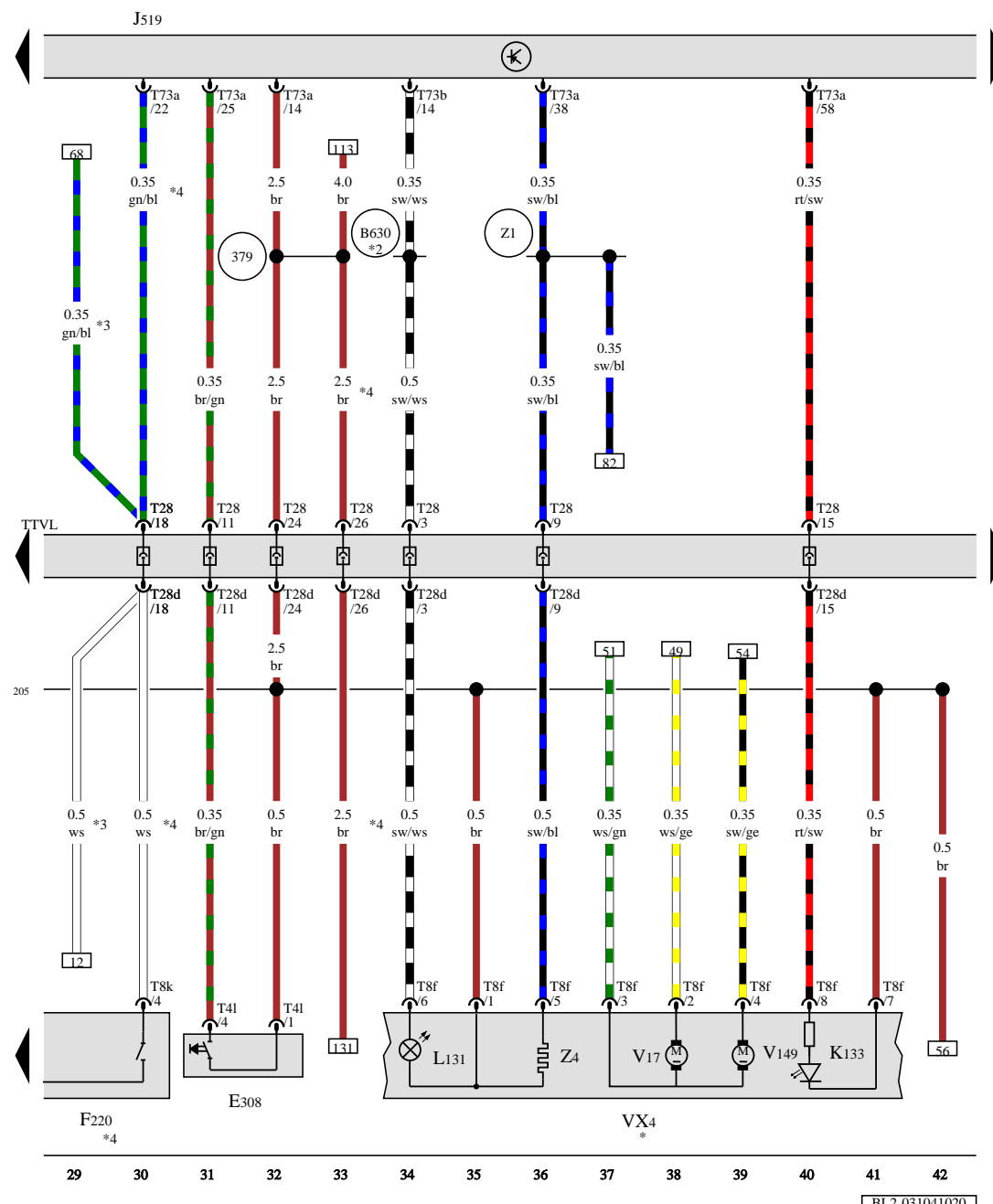
205 Earth connection, in driver door wiring harness

B720 Connection 1 (central locking), in main wiring harness

B721 Connection 2 (central locking), in main wiring harness

* For left-hand drive models

*2 For right-hand drive models



Driver side interior locking button for central locking system, Driver side central locking lock unit, Onboard supply control unit, Central locking SAFELOCK function warning lamp

- E308 Driver side interior locking button for central locking system, in driver door
- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- K133 Central locking SAFELOCK function warning lamp, in driver door
- L131 Driver side turn signal repeater bulb
- T4l 4-pin connector, blue
- T8f 8-pin connector
- T8k 8-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- TTVL Coupling point for front left door
- VX4 Driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side

- 205 Earth connection, in driver door wiring harness
- 379 Earth connection 14, in main wiring harness
- B630 Positive connection (left turn signal bulb), in main wiring harness
- Z1 Connection 1, in mirror adjustment/heating wiring harness

- * Pre-wired component
- *2 see applicable current flow diagram for basic equipment
- *3 For right-hand drive models
- *4 For left-hand drive models

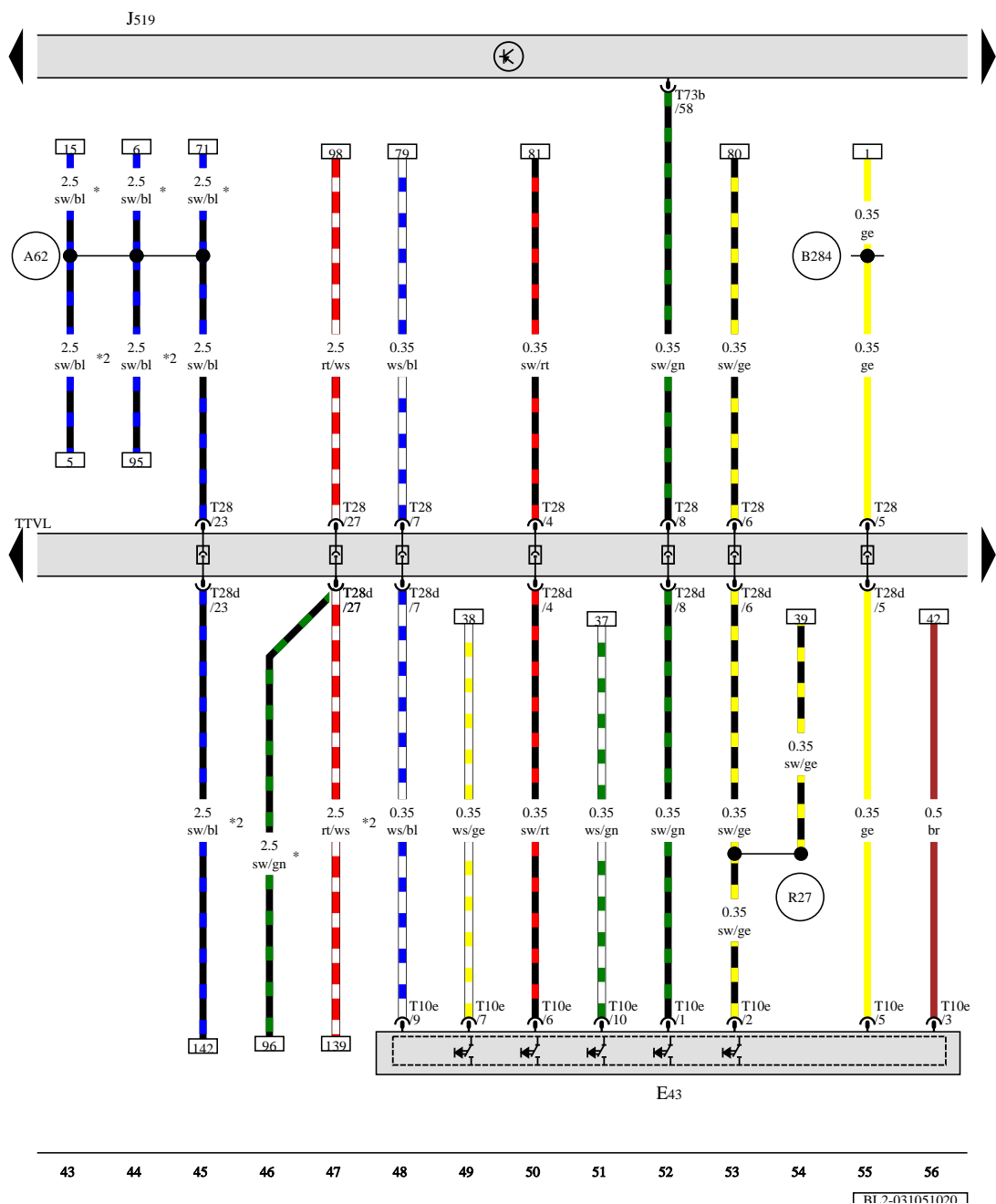
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Mirror adjustment switch, Onboard supply control unit

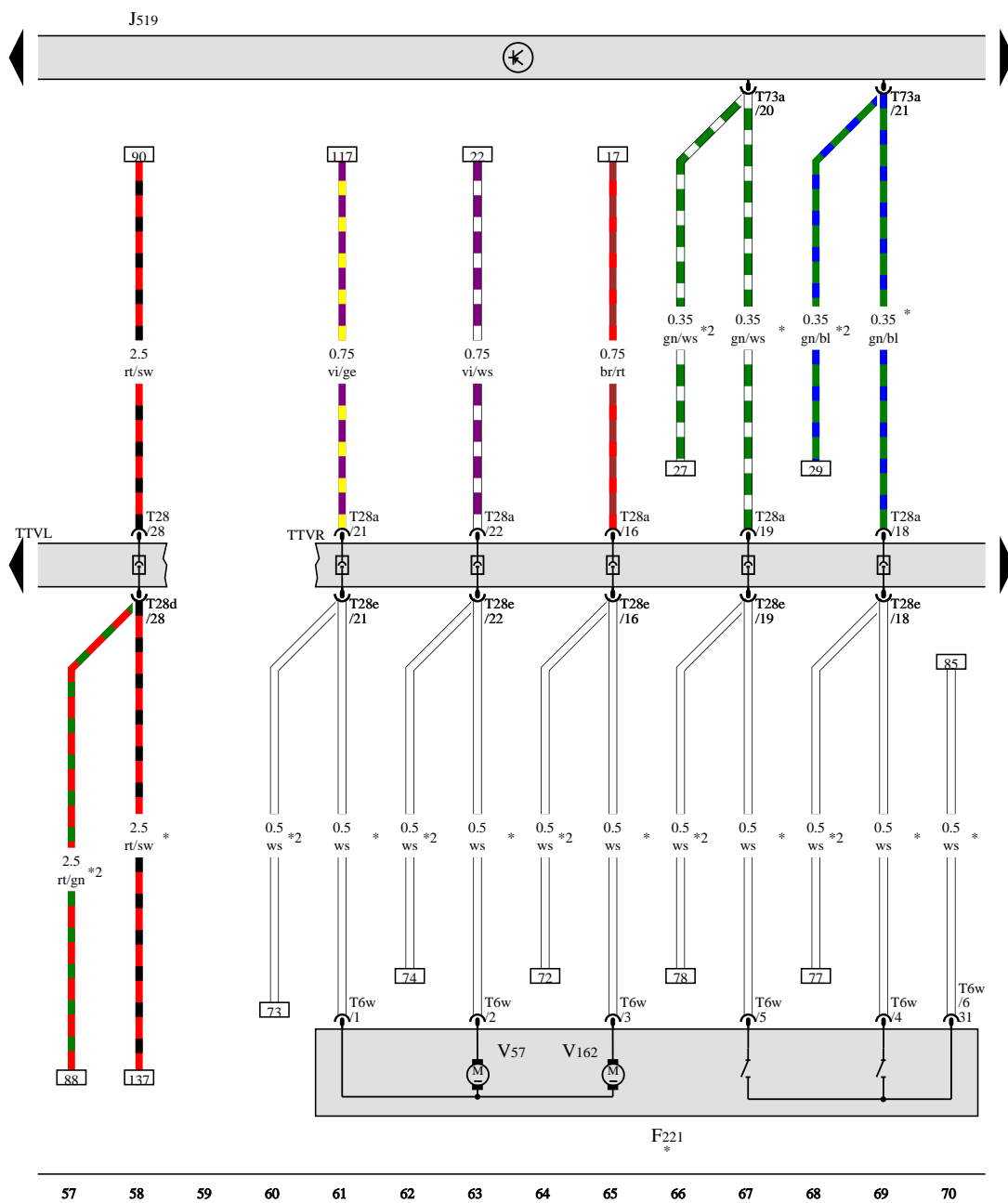
- E43 Mirror adjustment switch, in driver door
- J519 Onboard supply control unit, on dash panel insert
- T10e 10-pin connector, black
- T28 28-pin connector
- T28d 28-pin connector
- T73b 73-pin connector, black
- TTVL Coupling point for front left door

- A62 Connection (window regulators), in dash panel wiring harness
- B284 Positive connection 8 (15a) in main wiring harness
- R27 Connection (mirror adjustment), in driver door wiring harness

- * For right-hand drive models
- *2 For left-hand drive models



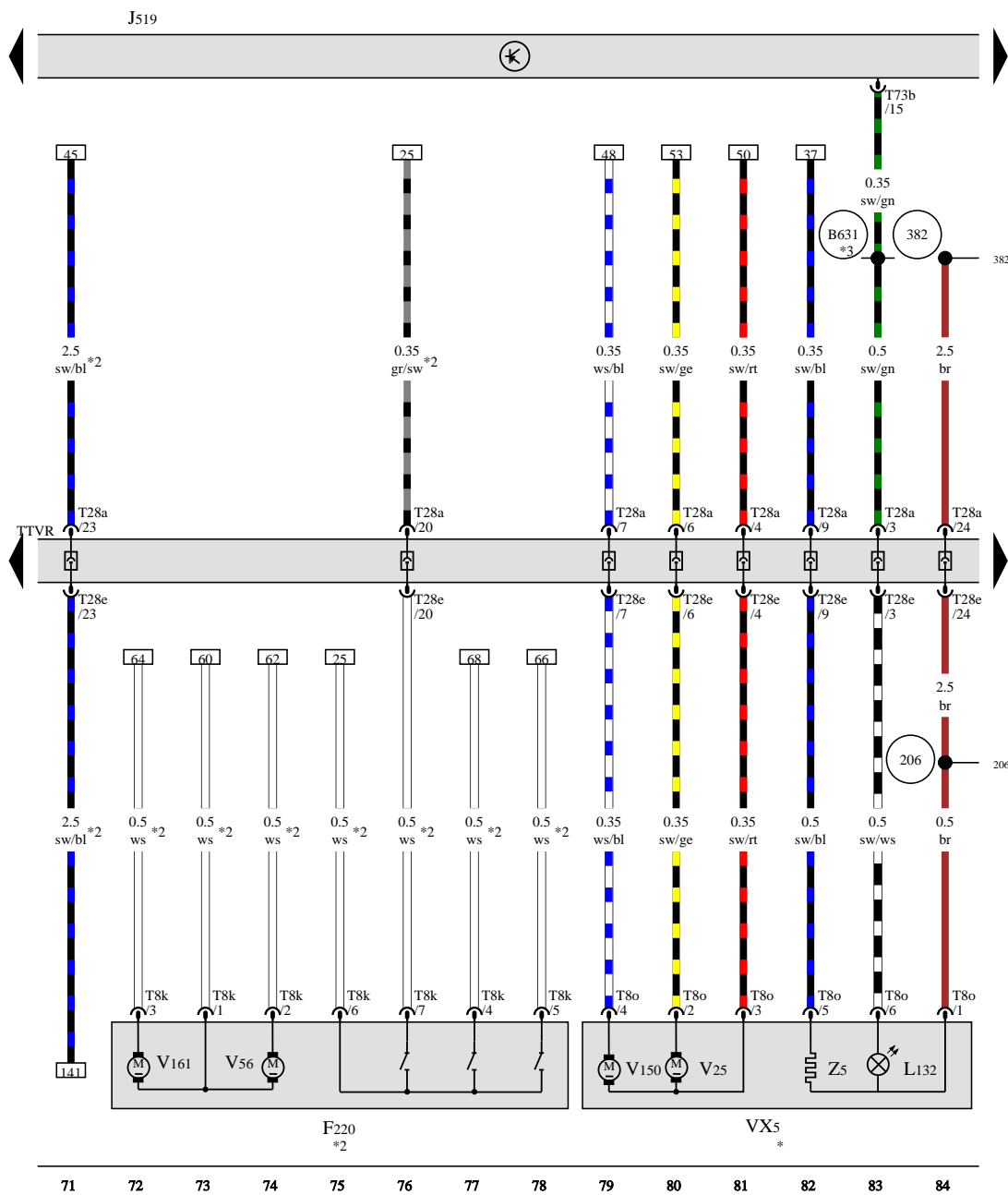
Front passenger side central locking lock unit, Onboard supply control unit



- F221 Front passenger side central locking lock unit, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T6w 6-pin connector, black
- T28 28-pin connector
- T28a 28-pin connector
- T28d 28-pin connector
- T28e 28-pin connector
- T73a 73-pin connector, black
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor
- * For left-hand drive models
- *2 For right-hand drive models

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

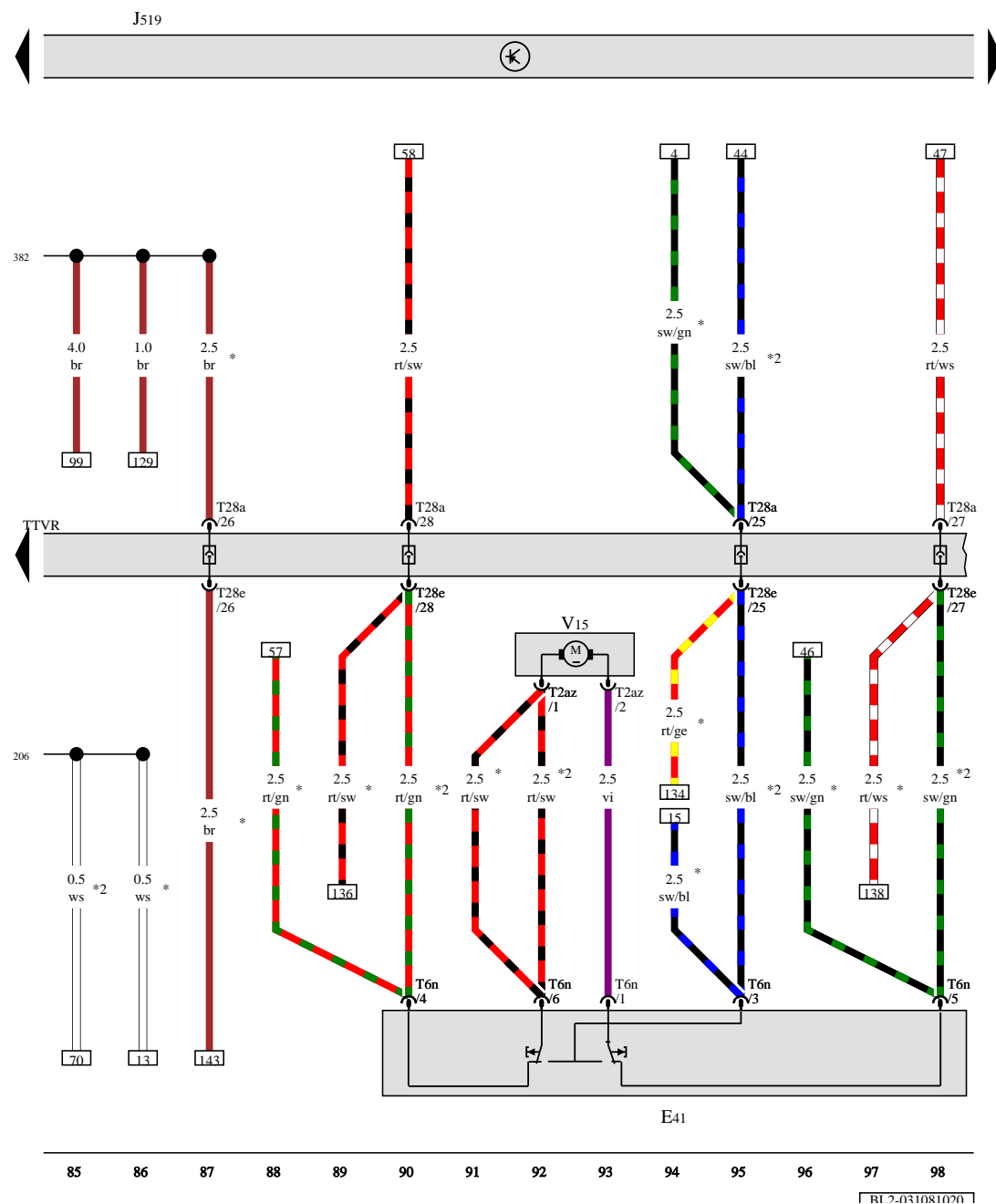
Driver side central locking lock unit, Onboard supply control unit



- F220 Driver side central locking lock unit, in driver door
- J519 Onboard supply control unit, on dash panel insert
- L132 Front passenger side turn signal repeater bulb
- T8k 8-pin connector
- T8o 8-pin connector
- T28a 28-pin connector
- T28e 28-pin connector
- T73b 73-pin connector, black
- TTVR Coupling point for front right door
- VX5 Passenger side exterior mirror
- V25 Front passenger side mirror adjustment motor 2
- V56 Driver door central locking motor
- V150 Front passenger side mirror adjustment motor
- V161 Driver door central locking SAFELOCK function motor
- Z5 Heated exterior mirror on passenger side
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness
- B631 Positive connection (right turn signal bulb), in main wiring harness
- * Pre-wired component
- *2 For right-hand drive models
- *3 see applicable current flow diagram for basic equipment

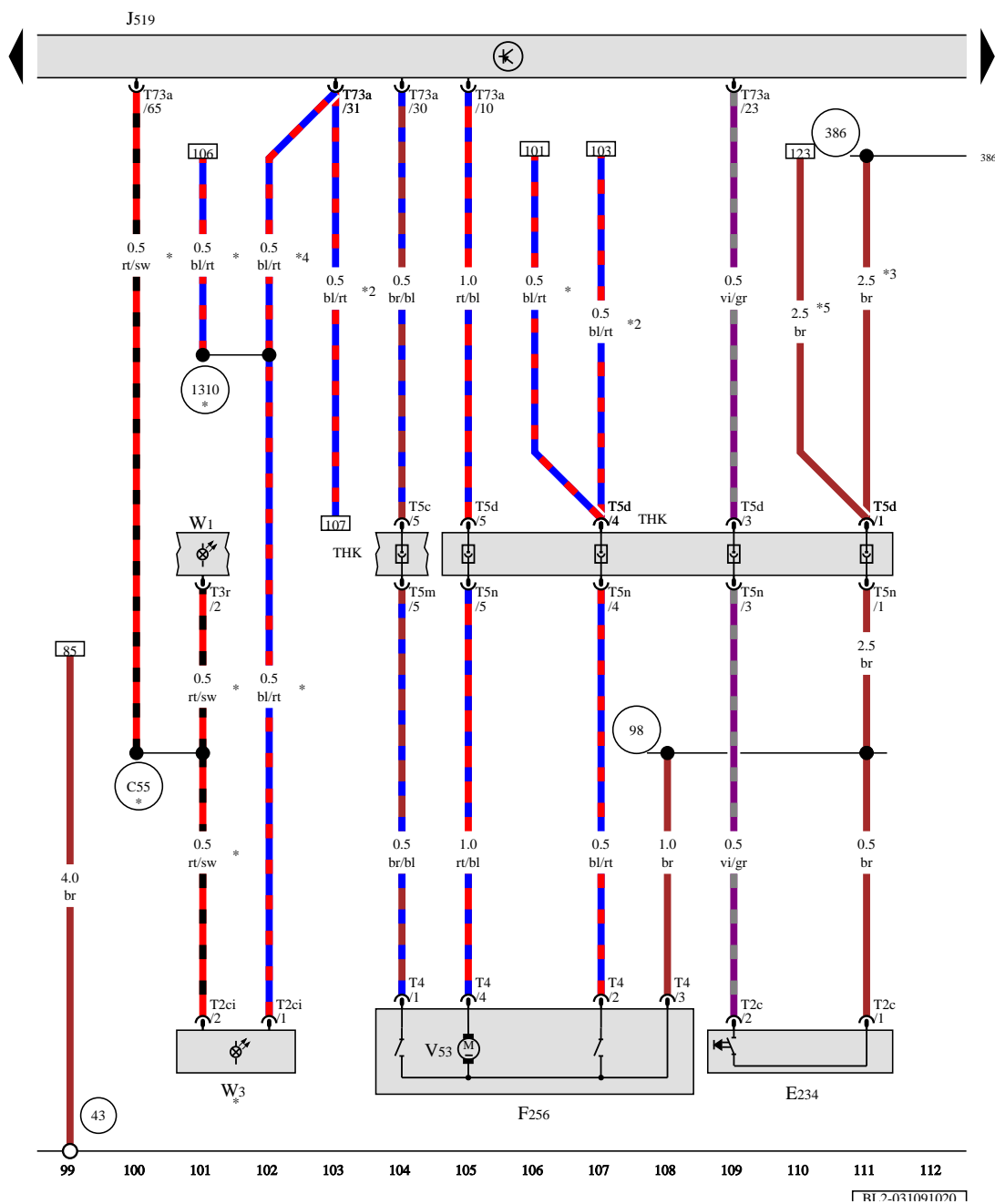
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Front right window regulator switch, Onboard supply control unit, Right window regulator motor



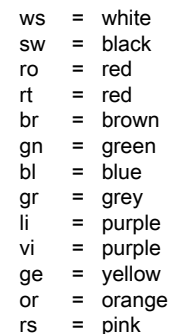
- E41 Front right window regulator switch, in front passenger door
- J519 Onboard supply control unit, on dash panel insert
- T2az 2-pin connector, black
- T6n 6-pin connector, black
- T28a 28-pin connector
- T28e 28-pin connector
- TTVR Coupling point for front right door
- V15 Right window regulator motor, in front passenger door
- 206 Earth connection, in front passenger door wiring harness
- 382 Earth connection 17, in main wiring harness
- * For right-hand drive models
- *2 For left-hand drive models

Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Front interior light



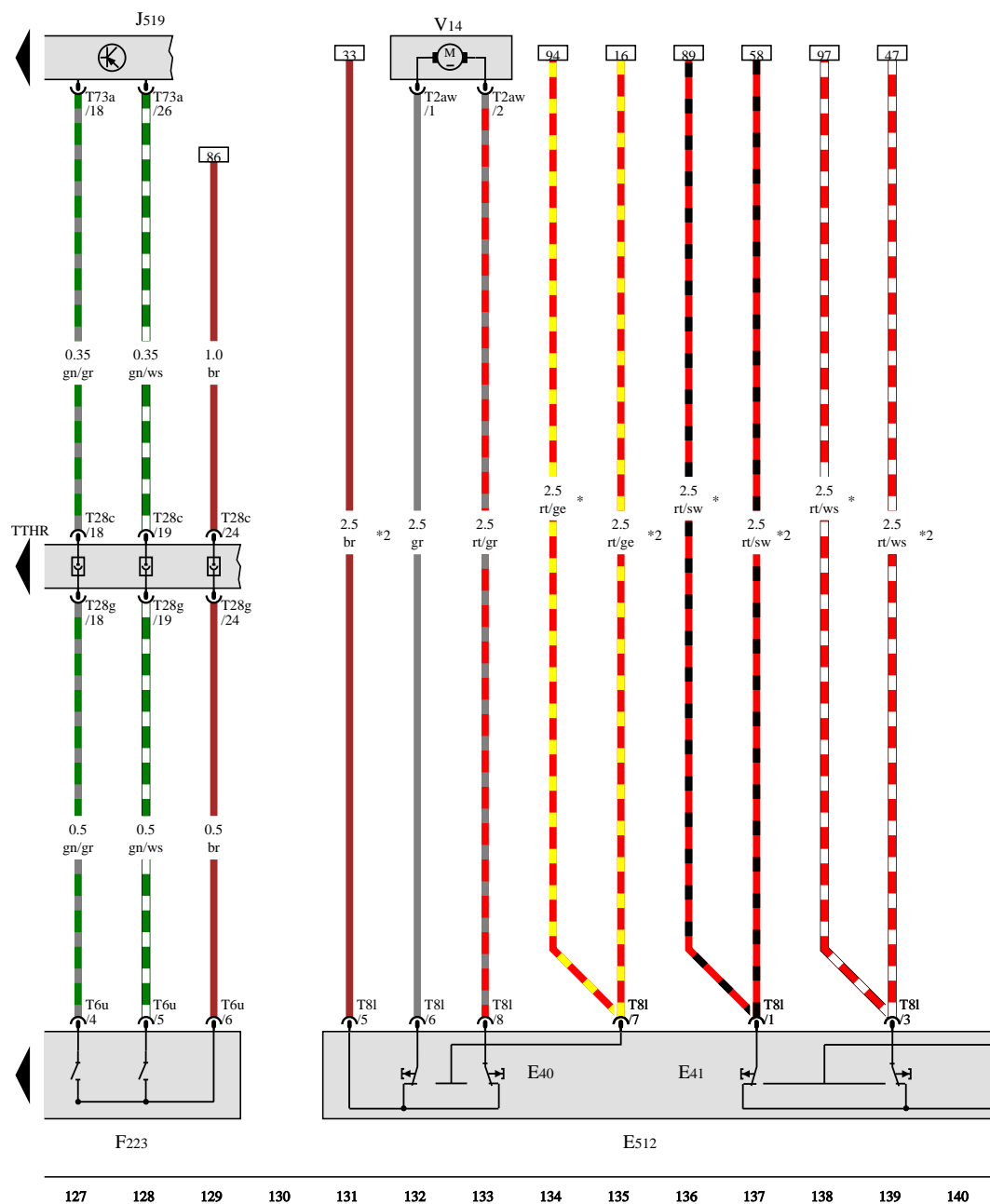
- | | |
|------|---|
| E234 | Rear lid handle release button, in rear lid |
| F256 | Rear lid lock unit, in rear lid |
| J519 | Onboard supply control unit, on dash panel insert |
| T2c | 2-pin connector, black |
| T2ci | 2-pin connector, black |
| T3r | 3-pin connector, black |
| T4 | 4-pin connector, black |
| T5c | 5-pin connector, brown |
| T5d | 5-pin connector, black |
| T5m | 5-pin connector, brown |
| T5n | 5-pin connector, black |
| T73a | 73-pin connector, black |
| THK | Coupling point for rear lid |
| V53 | Rear lid central locking motor |
| W1 | Front interior light |
| W3 | Luggage compartment light |
| 43 | Earth point, lower part of right A-pillar |
| 98 | Earth connection, in rear lid wiring harness |
| 386 | Earth connection 21, in main wiring harness |
| 1310 | Earth connection 36, in main wiring harness |
| C55 | Positive connection (30a), in front left wiring harness |
| * | For models with luggage compartment light |
| *2 | For models with no luggage compartment light |
| *3 | Up to August 2019 |
| *4 | According to equipment |
| *5 | From August 2019 |

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



- 44 Earth point, lower part of left A-pillar
- 383 Earth connection 18, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 605 Earth point, on top end of steering column
- 729 Earth point, on left rear wheel housing
- B722 Connection 3 (central locking), in main wiring harness

* For right-hand drive models
*2 From August 2019



Operating unit for window regulator in driver door, Rear right central locking lock unit, Onboard supply control unit, Left window regulator motor

- E40 Front left window regulator switch
- E41 Front right window regulator switch
- E512 Operating unit for window regulator in driver door, in driver door
- F223 Rear right central locking lock unit, in rear right door
- J519 Onboard supply control unit, on dash panel insert
- T2aw 2-pin connector, black
- T6u 6-pin connector, black
- T8l 8-pin connector, black
- T28c 28-pin connector
- T28g 28-pin connector
- T73a 73-pin connector, black
- TTHR Coupling point for rear right door
- V14 Left window regulator motor, in driver door
- * For right-hand drive models
- *2 For 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

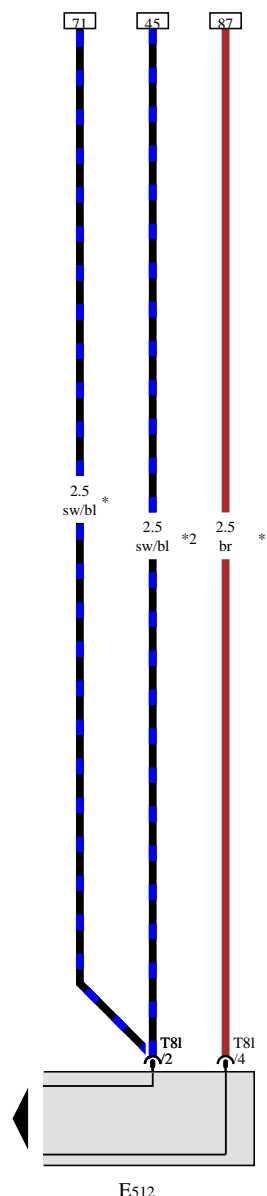
Operating unit for window regulator in driver door

E512 Operating unit for window regulator in driver door, in driver door

T8I 8-pin connector, black

* For right-hand drive models

*2 For 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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

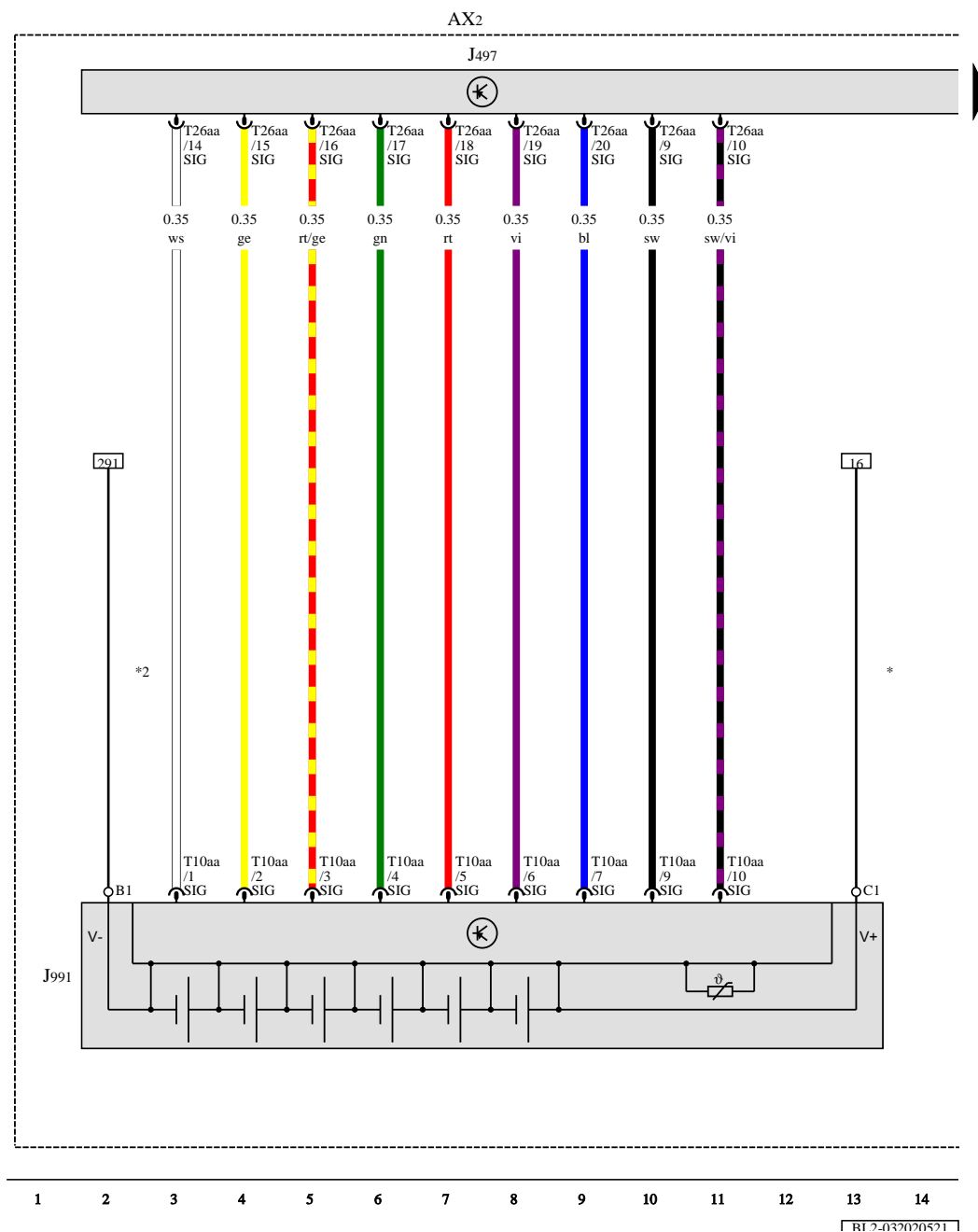
[RI 2.031121020]

High-voltage battery system

From May 2015

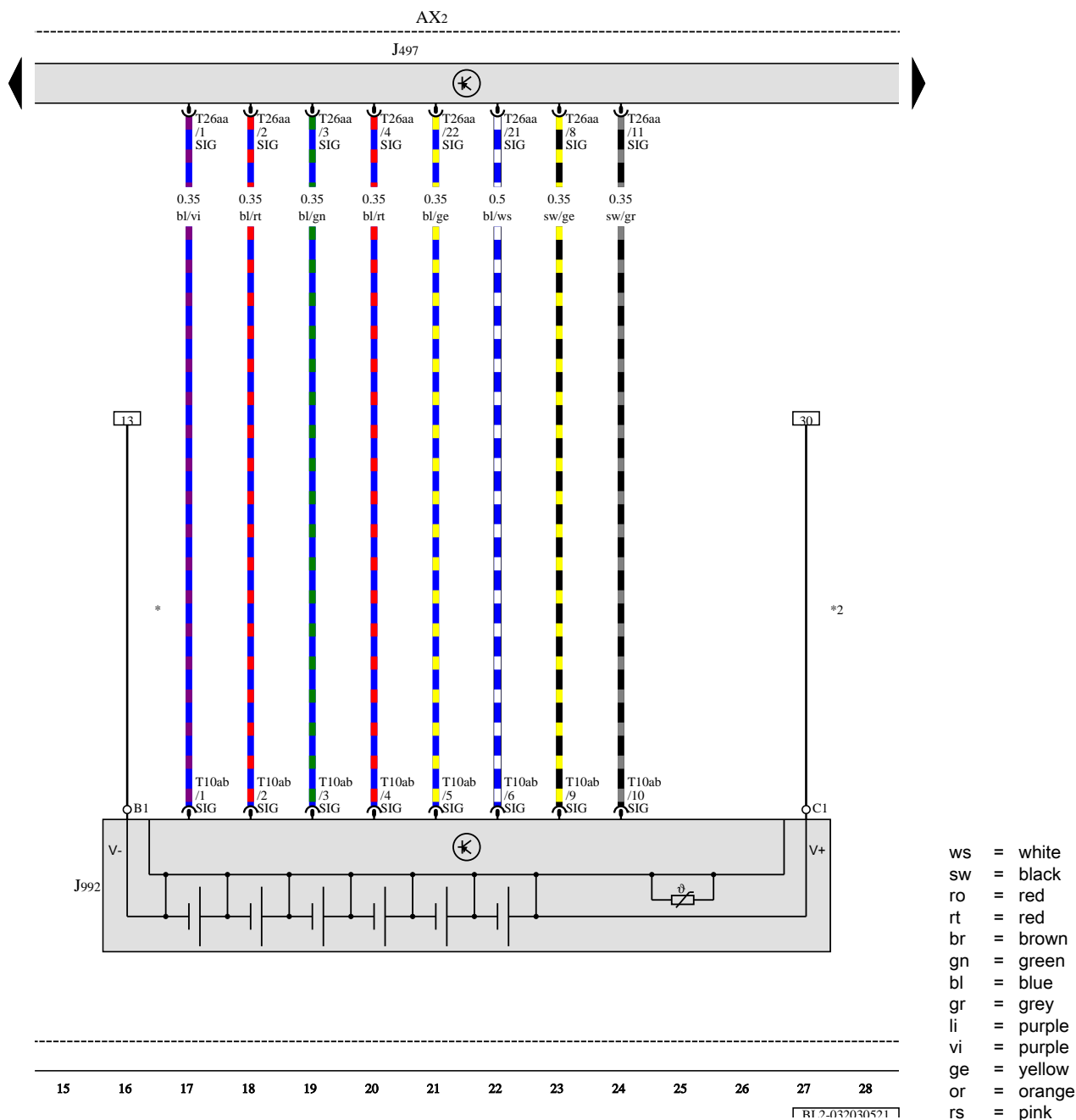
High-voltage battery 1, Module monitor control unit for batteries, Battery module 1

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J991 Battery module 1
 T10aa 10-pin connector, black
 T26aa 26-pin connector, black
 * Connecting cable 2 for battery module (P27)
 *2 Connecting cable 1 for battery module (P26)



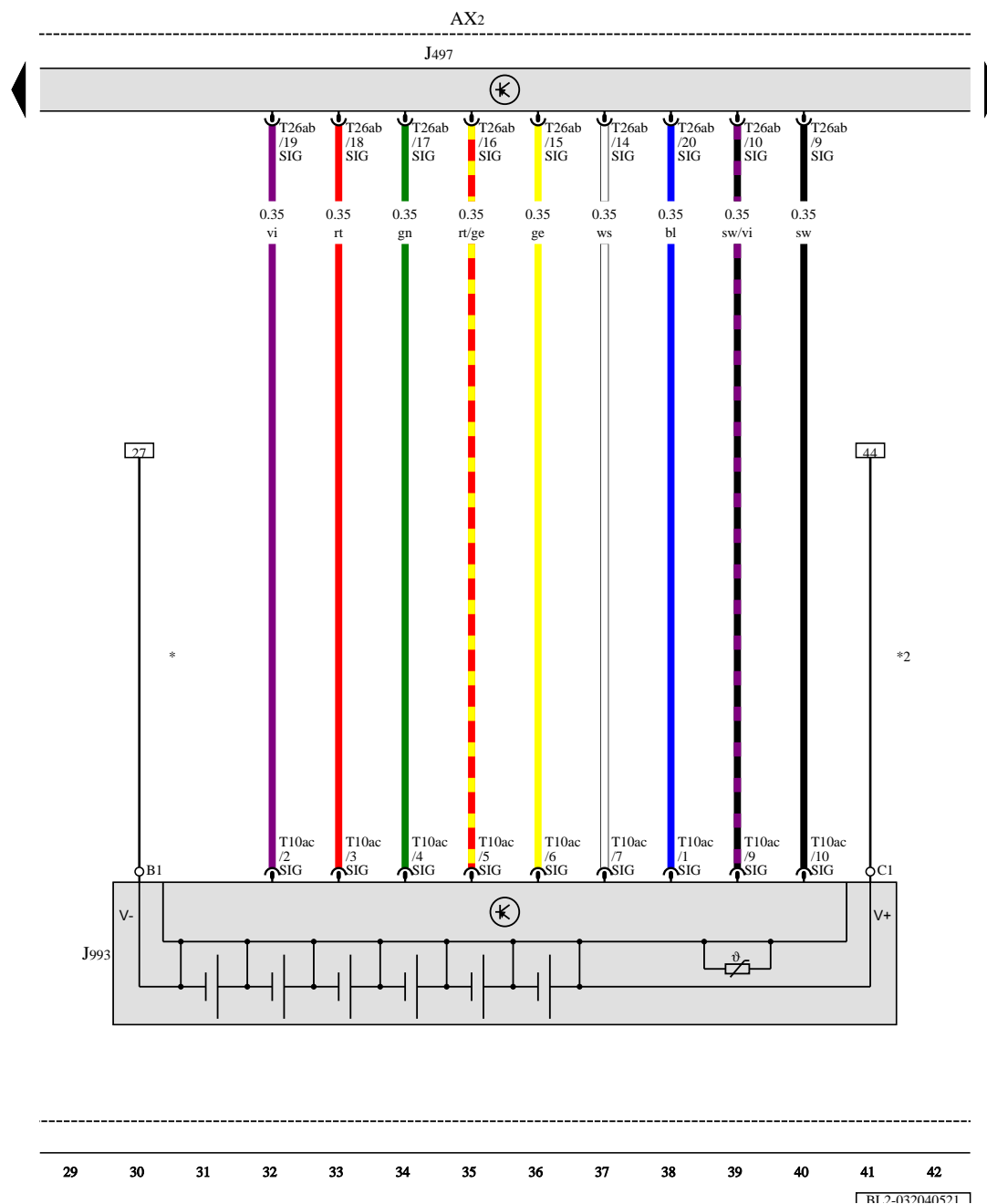
High-voltage battery 1, Module monitor control unit for batteries, Battery module 2

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J992 Battery module 2
- T10ab 10-pin connector, black
- T26aa 26-pin connector, black
- * Connecting cable 2 for battery module (P27)
- *2 Connecting cable 3 for battery module (P28)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 3

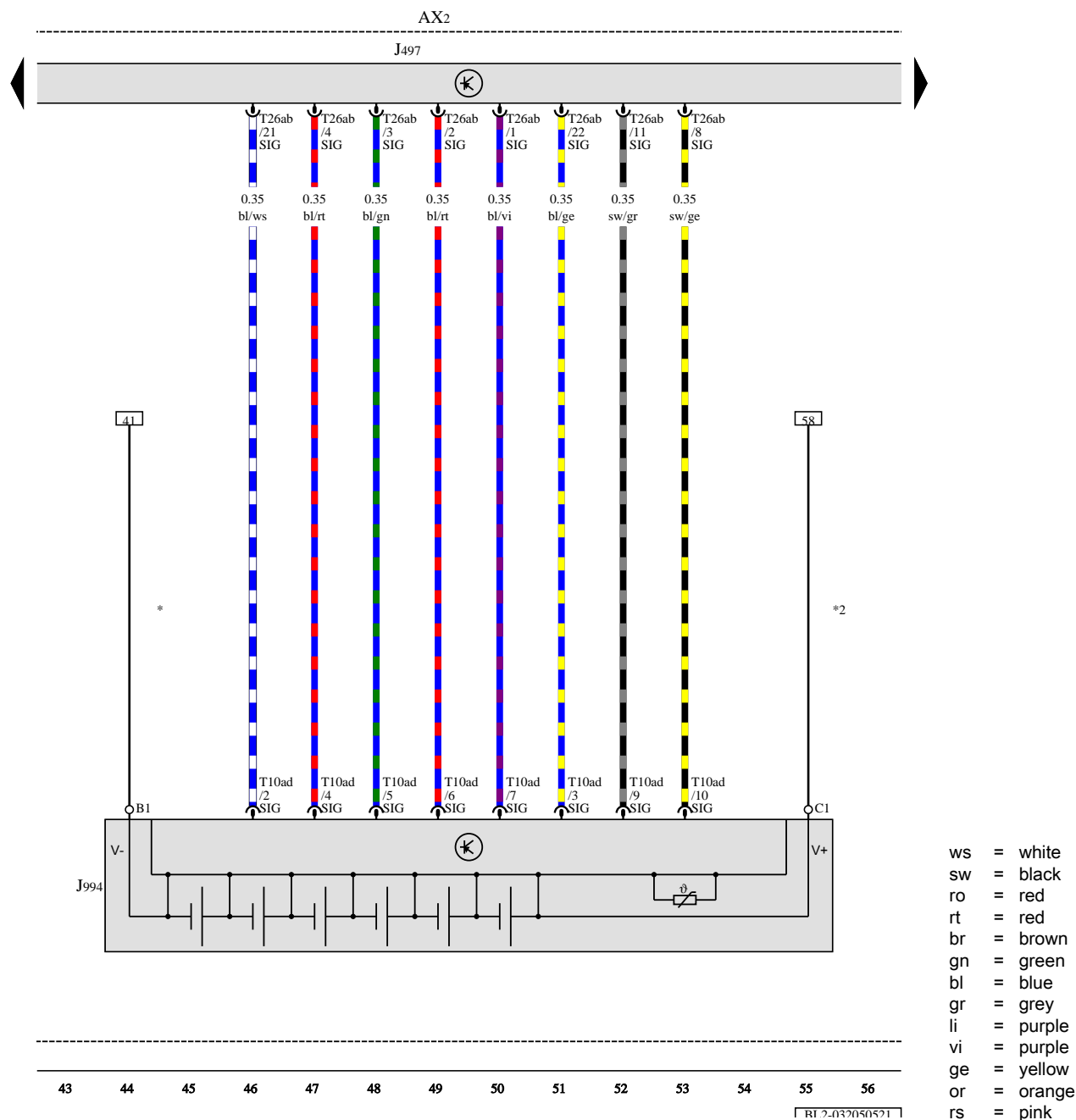
- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J993 Battery module 3
- T10ac 10-pin connector, black
- T26ab 26-pin connector, white
- * Connecting cable 3 for battery module (P28)
- *2 Connecting cable 4 for battery module (P29)



- 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

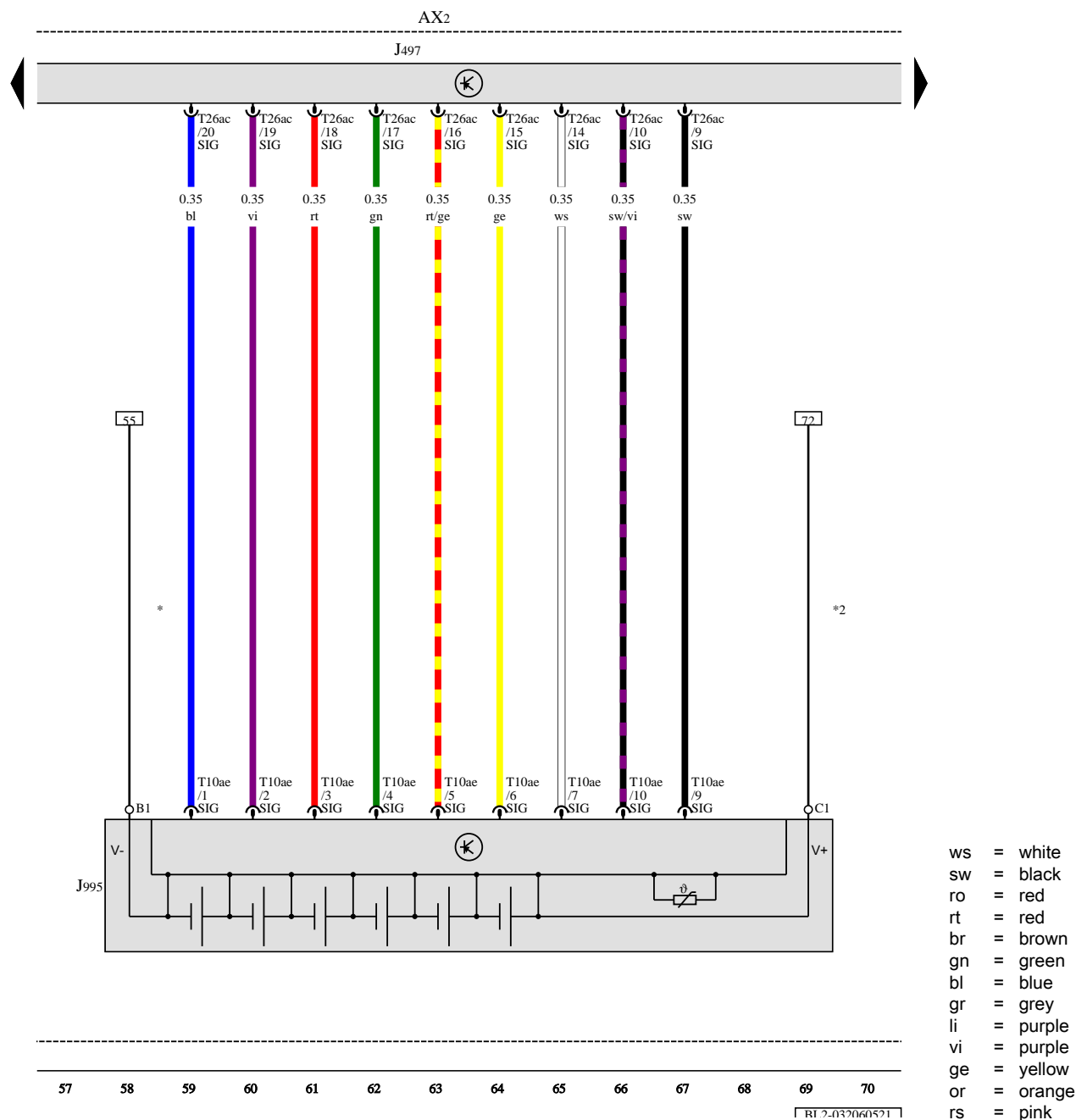
High-voltage battery 1, Module monitor control unit for batteries, Battery module 4

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J994 Battery module 4
 T10ad 10-pin connector, black
 T26ab 26-pin connector, white
 * Connecting cable 4 for battery module (P29)
 *2 Connecting cable 5 for battery module (P30)



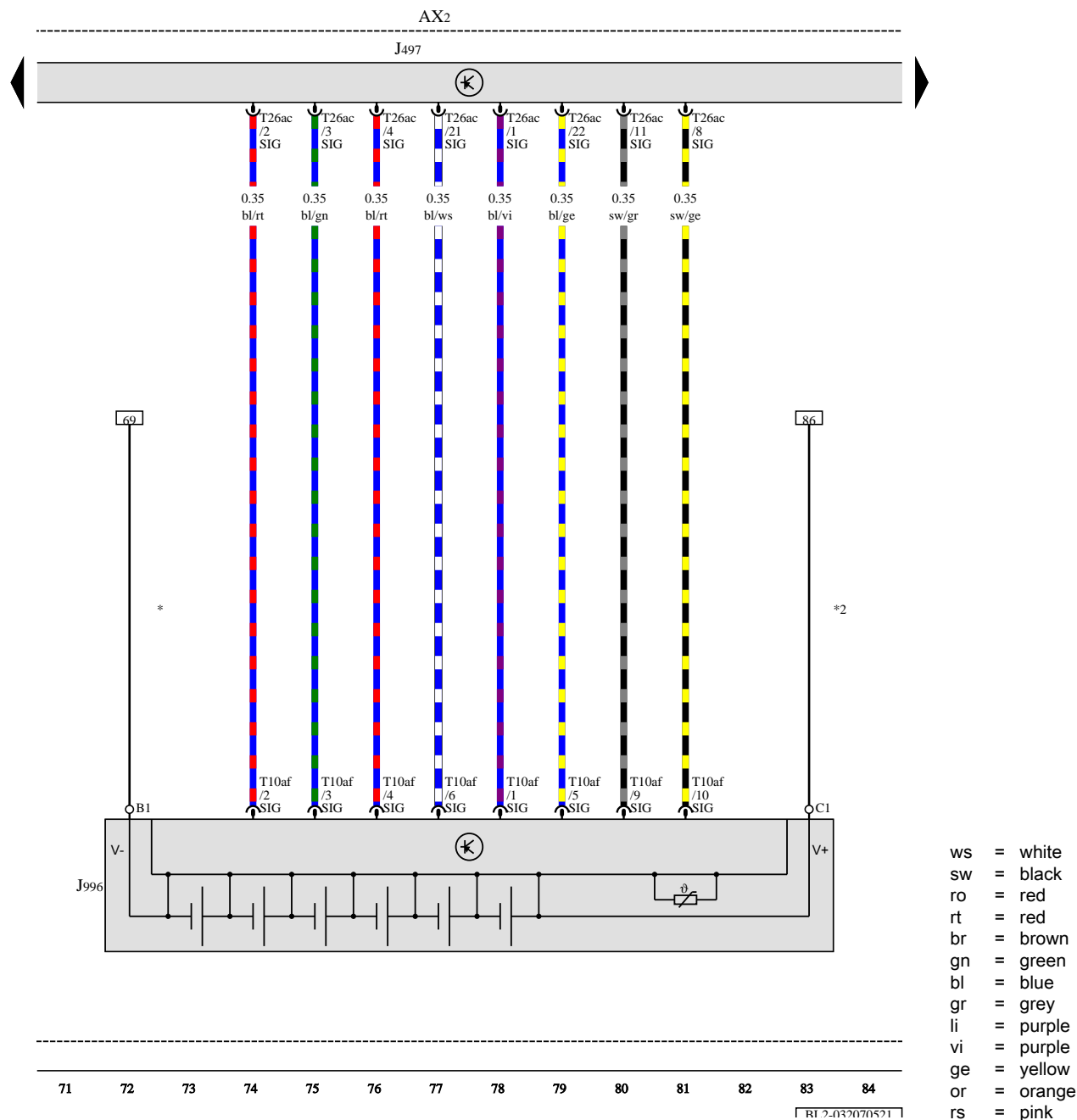
High-voltage battery 1, Module monitor control unit for batteries, Battery module 5

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J995 Battery module 5
 T10ae 10-pin connector, black
 T26ac 26-pin connector, blue
 * Connecting cable 5 for battery module (P30)
 *2 Connecting cable 6 for battery module (P31)



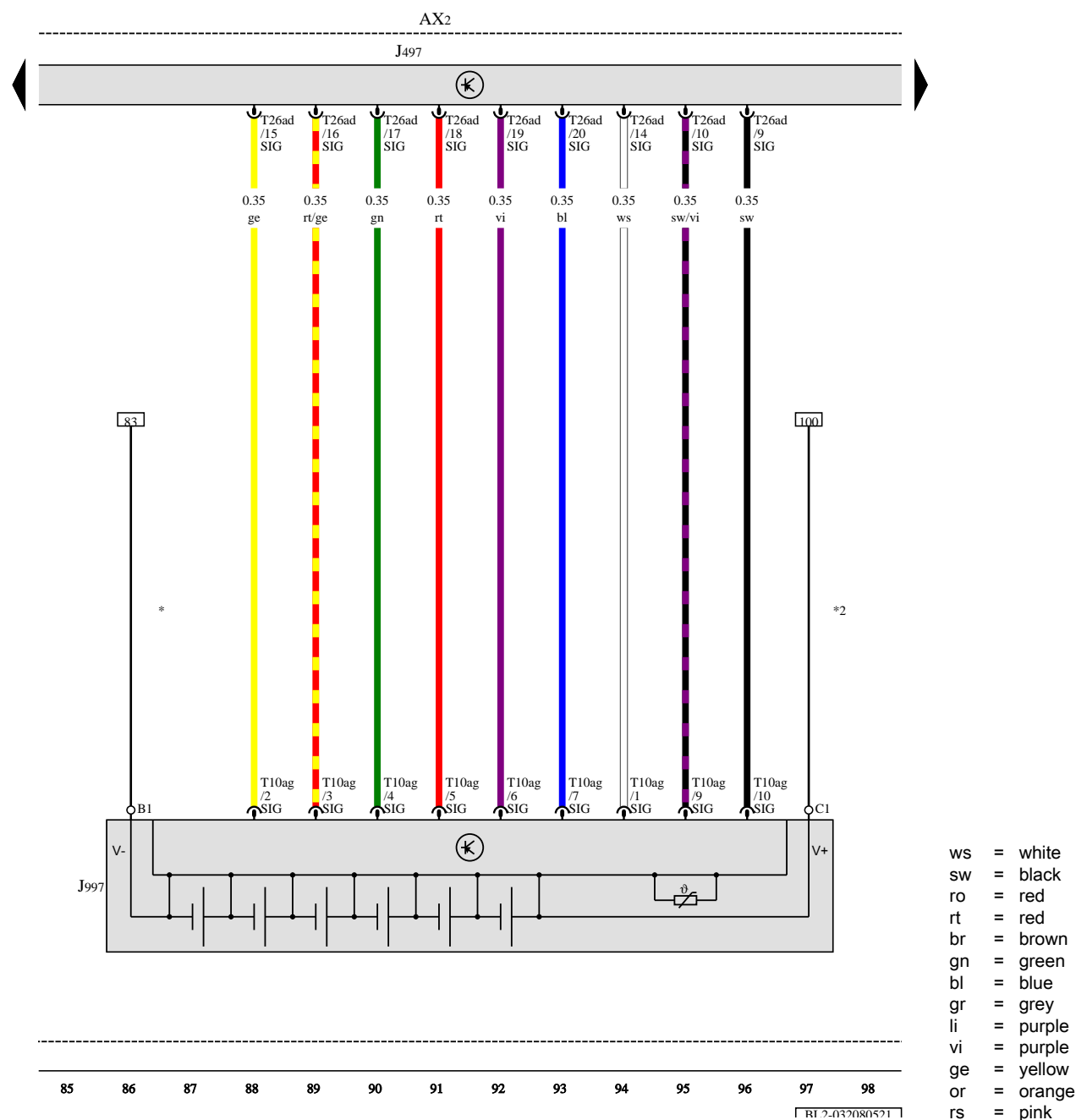
High-voltage battery 1, Module monitor control unit for batteries, Battery module 6

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J996 Battery module 6
 T10af 10-pin connector, black
 T26ac 26-pin connector, blue
 * Connecting cable 6 for battery module (P31)
 *2 Connecting cable 7 for battery module (P32)



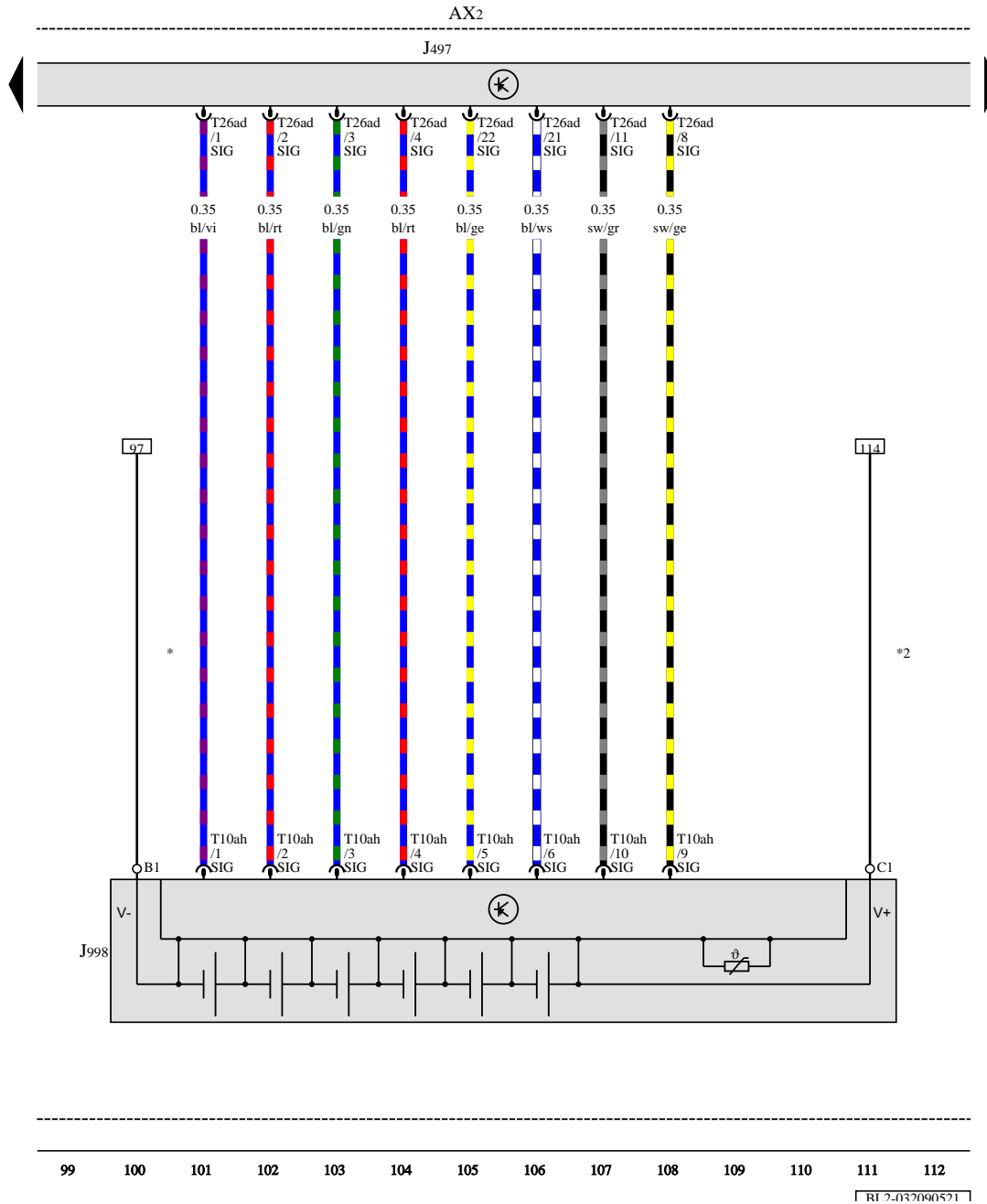
High-voltage battery 1, Module monitor control unit for batteries, Battery module 7

AX2	High-voltage battery 1
J497	Module monitor control unit for batteries
J997	Battery module 7
T10ag	10-pin connector, black
T26ad	26-pin connector, purple
*	Connecting cable 7 for battery module (P32)
*2	Connecting cable 8 for battery module (P33)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 8

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J998 Battery module 8
 T10ah 10-pin connector, black
 T26ad 26-pin connector, purple
 * Connecting cable 8 for battery module (P33)
 *2 Connecting cable 9 for battery module (P34)

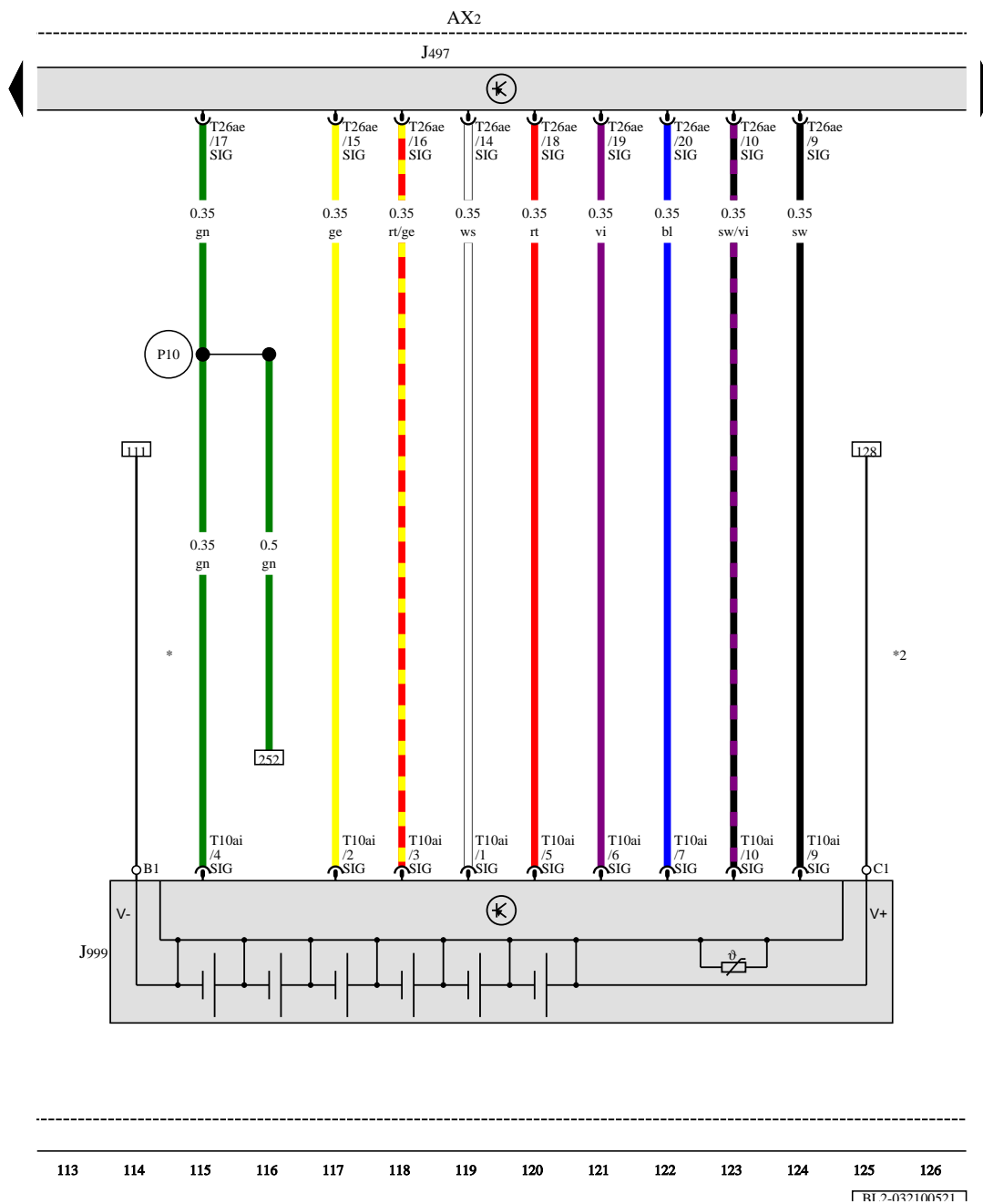


High-voltage battery 1, Module monitor control unit for batteries, Battery module 9

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J999 Battery module 9
T10ai 10-pin connector, black
T26ae 26-pin connector, green

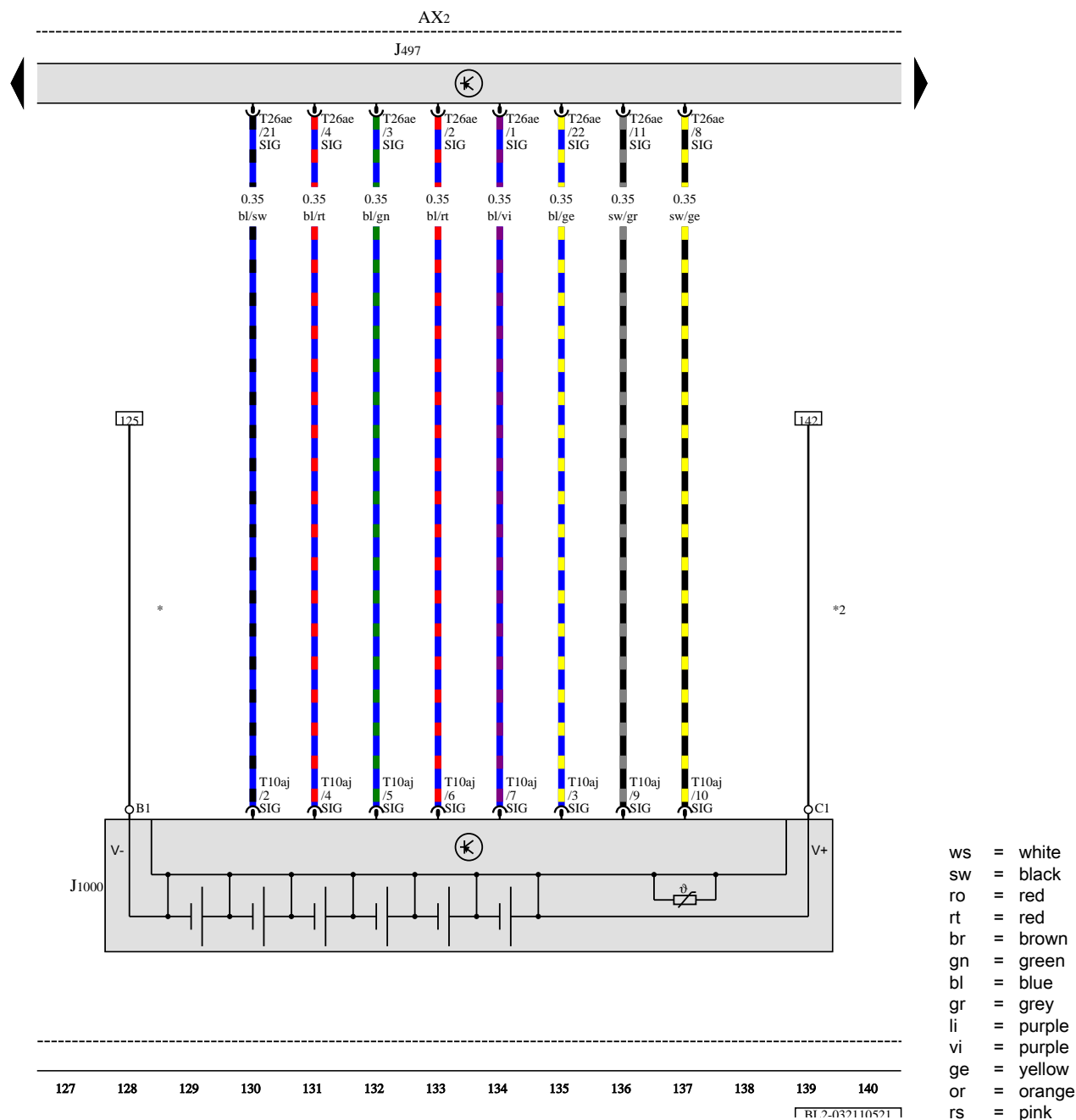
P10 Connection 4, in high-voltage battery wiring harness

* Connecting cable 9 for battery module (P34)
*2 Connecting cable 10 for battery module (P35)



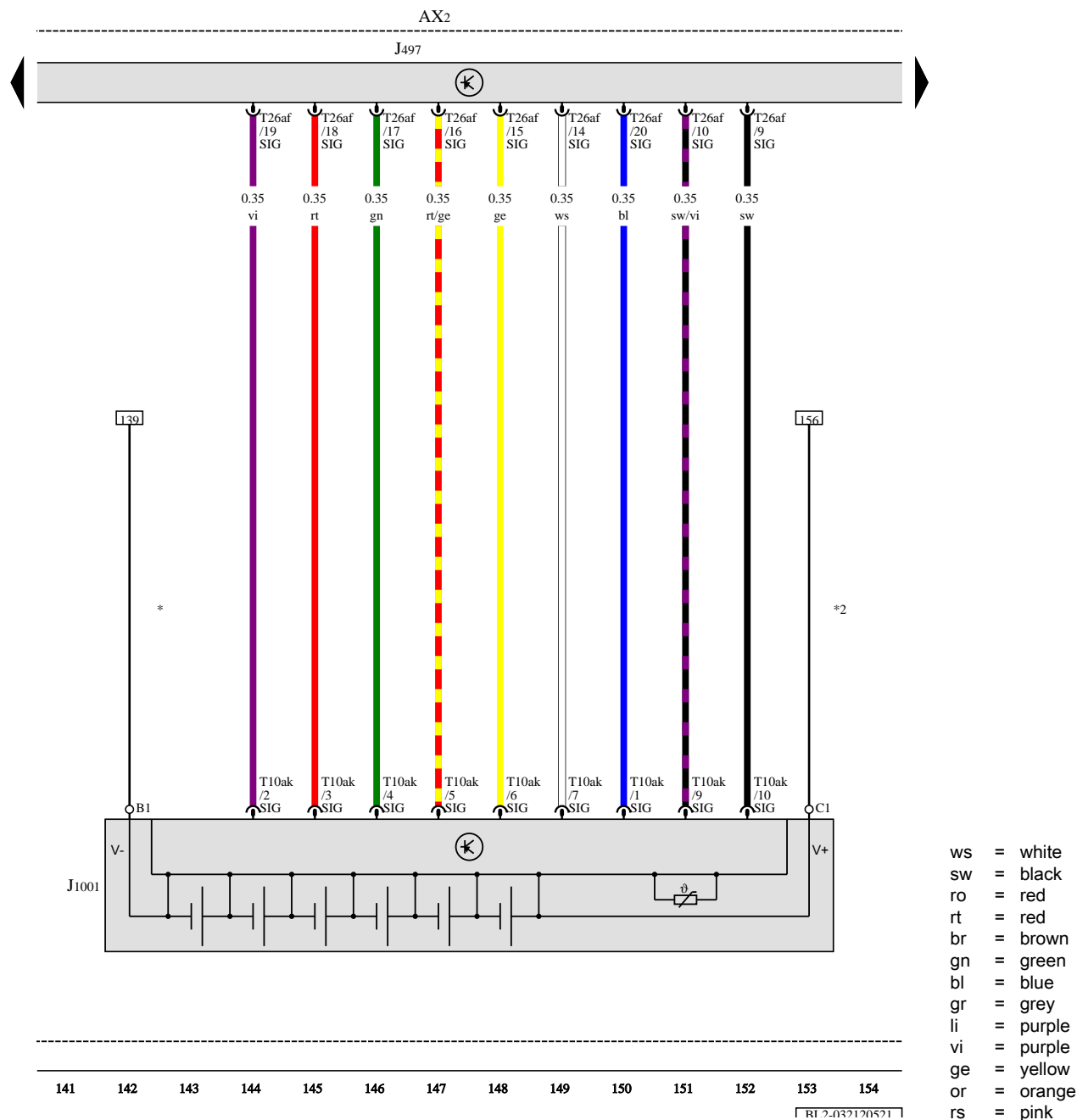
High-voltage battery 1, Module monitor control unit for batteries, Battery module 10

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1000 Battery module 10
 T10aj 10-pin connector, black
 T26ae 26-pin connector, green
 * Connecting cable 10 for battery module (P35)
 *2 Connecting cable 11 for battery module (P36)



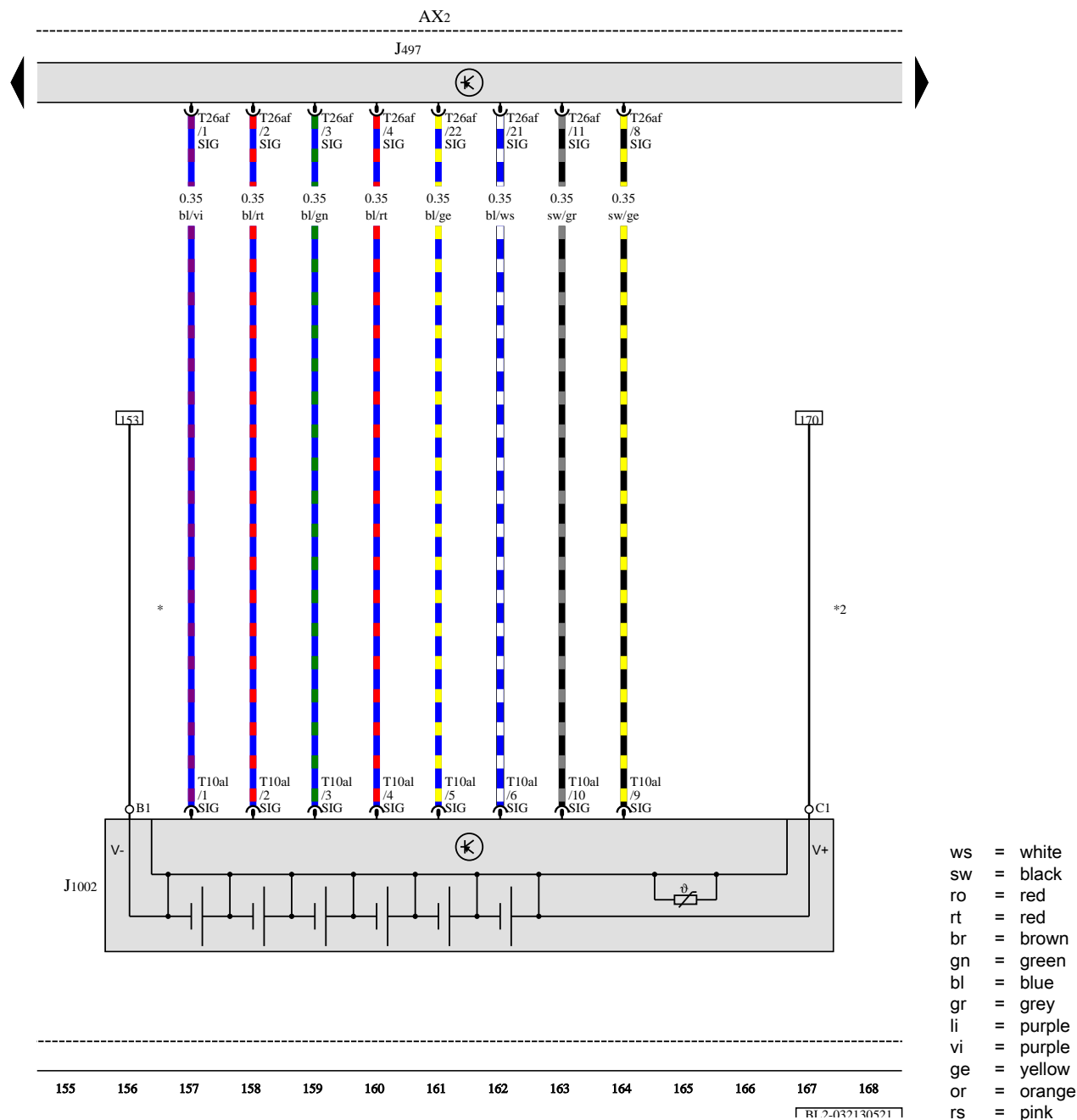
High-voltage battery 1, Module monitor control unit for batteries, Battery module 11

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J1001 Battery module 11
- T10ak 10-pin connector, black
- T26af 26-pin connector, brown
- * Connecting cable 11 for battery module (P36)
- *2 Connecting cable 12 for battery module (P37)



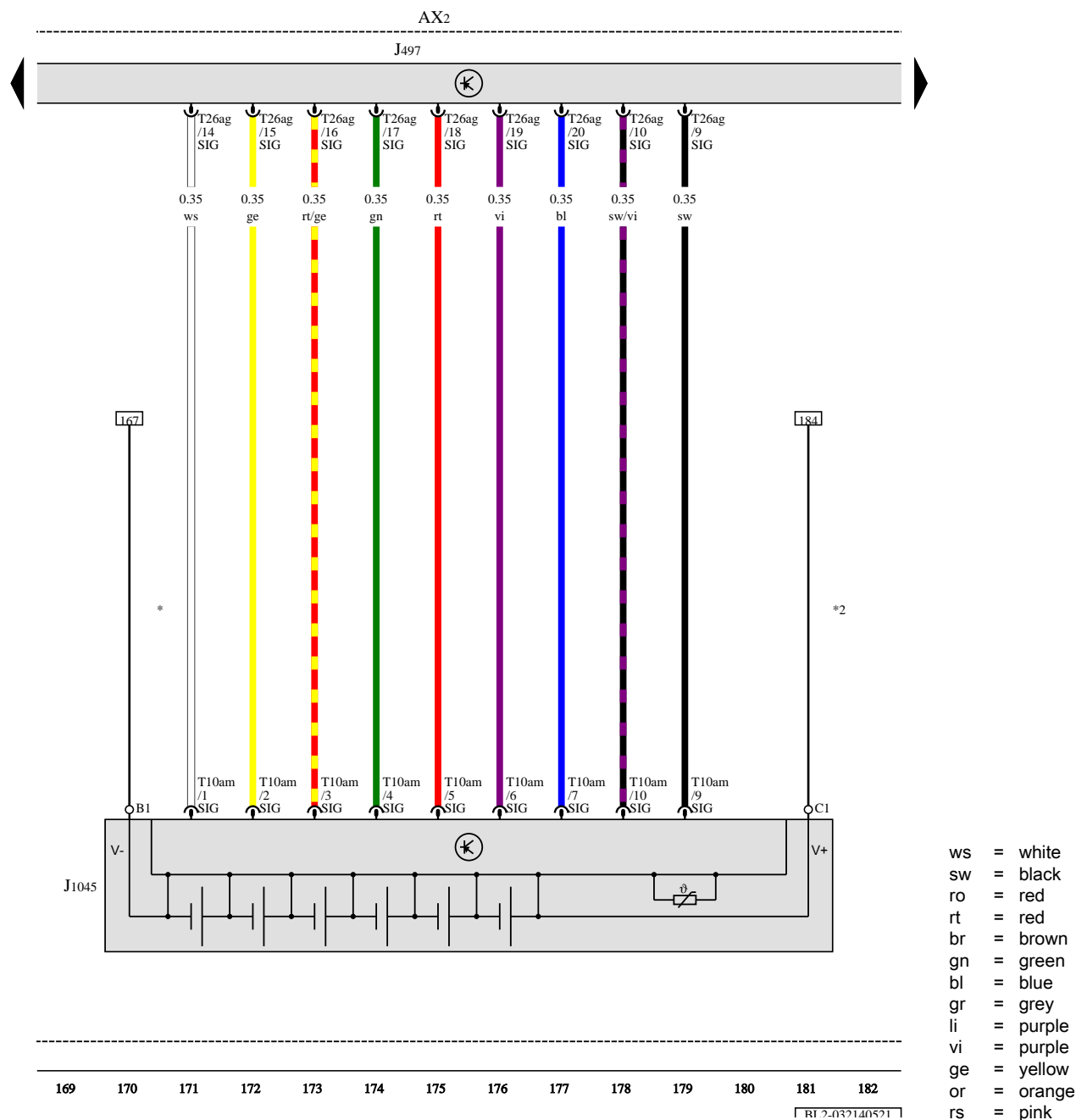
High-voltage battery 1, Module monitor control unit for batteries, Battery module 12

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1002 Battery module 12
 T10al 10-pin connector, black
 T26af 26-pin connector, brown
 * Connecting cable 12 for battery module (P37)
 *2 Connecting cable 13 for battery module (P38)



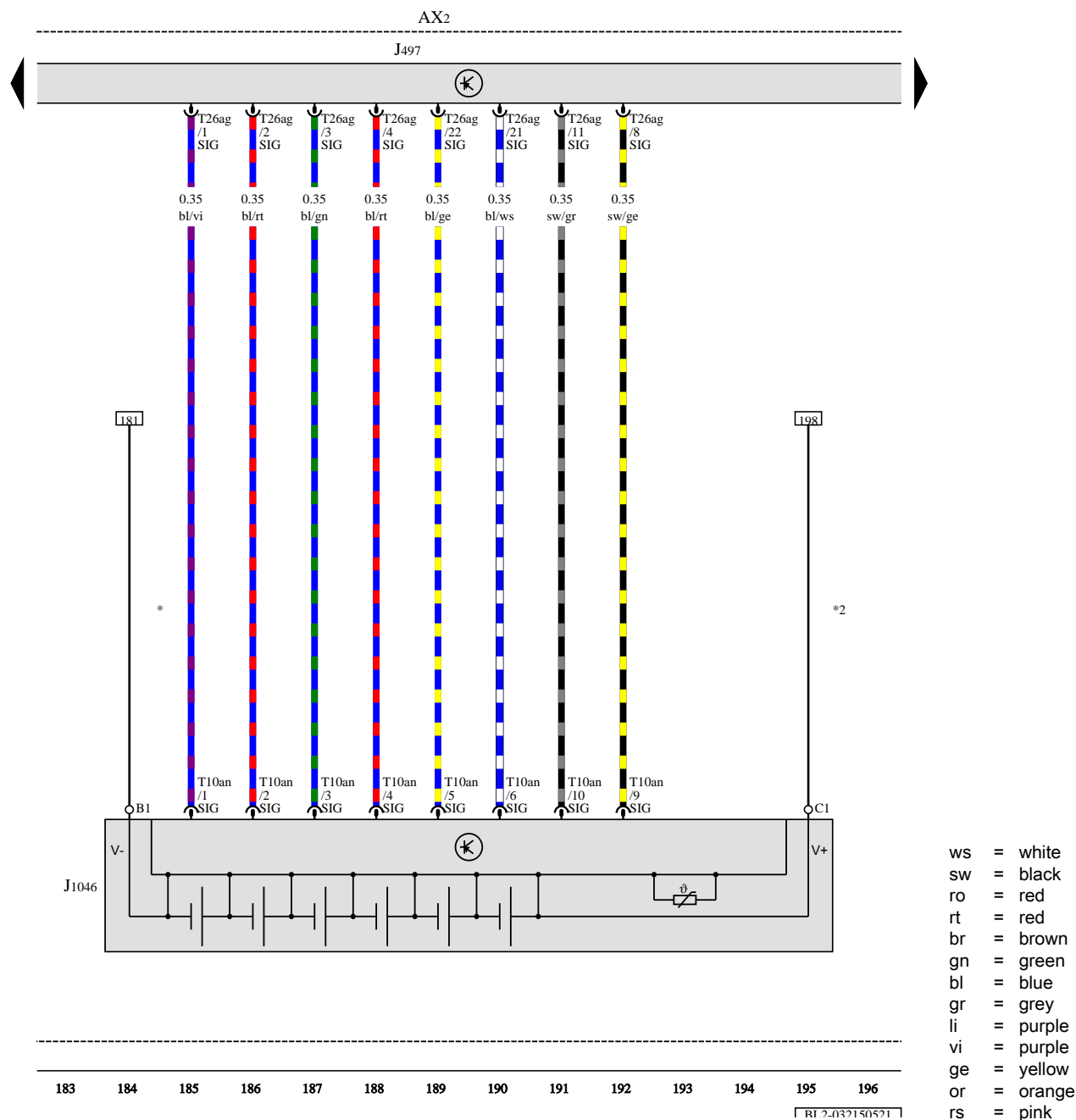
High-voltage battery 1, Module monitor control unit for batteries, Battery module 13

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1045 Battery module 13
 T10am 10-pin connector, black
 T26ag 26-pin connector, grey
 * Connecting cable 13 for battery module (P38)
 *2 Connecting cable 15 for battery module (P40)



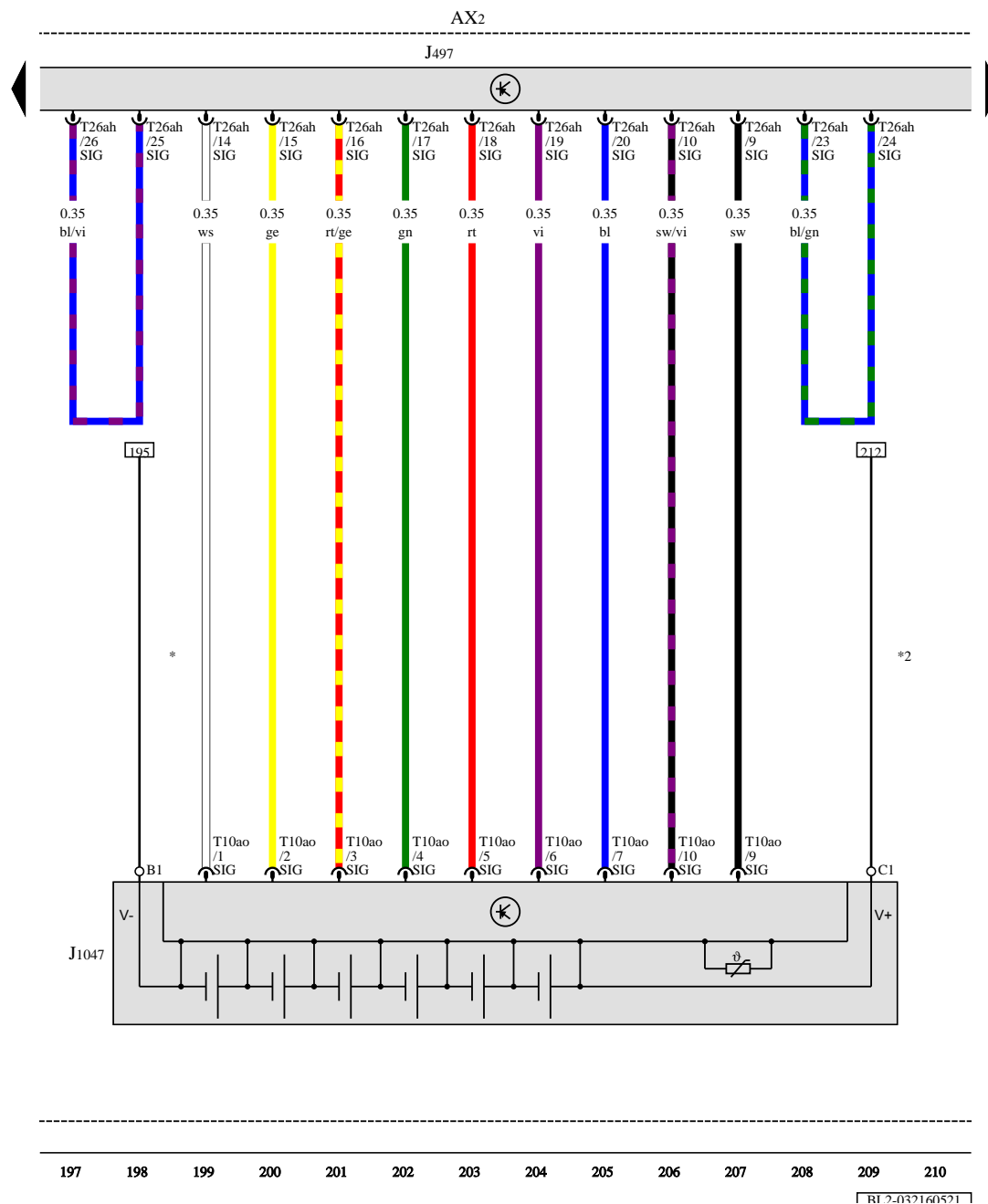
High-voltage battery 1, Module monitor control unit for batteries, Battery module 14

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J1046 Battery module 14
- T10an 10-pin connector, black
- T26ag 26-pin connector, grey
- * Connecting cable 15 for battery module (P40)
- *2 Connecting cable 16 for battery module (P41)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 15

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J1047 Battery module 15
- T10ao 10-pin connector, black
- T26ah 26-pin connector, pink
- * Connecting cable 16 for battery module (P41)
- *2 Connecting cable 17 for battery module (P42)



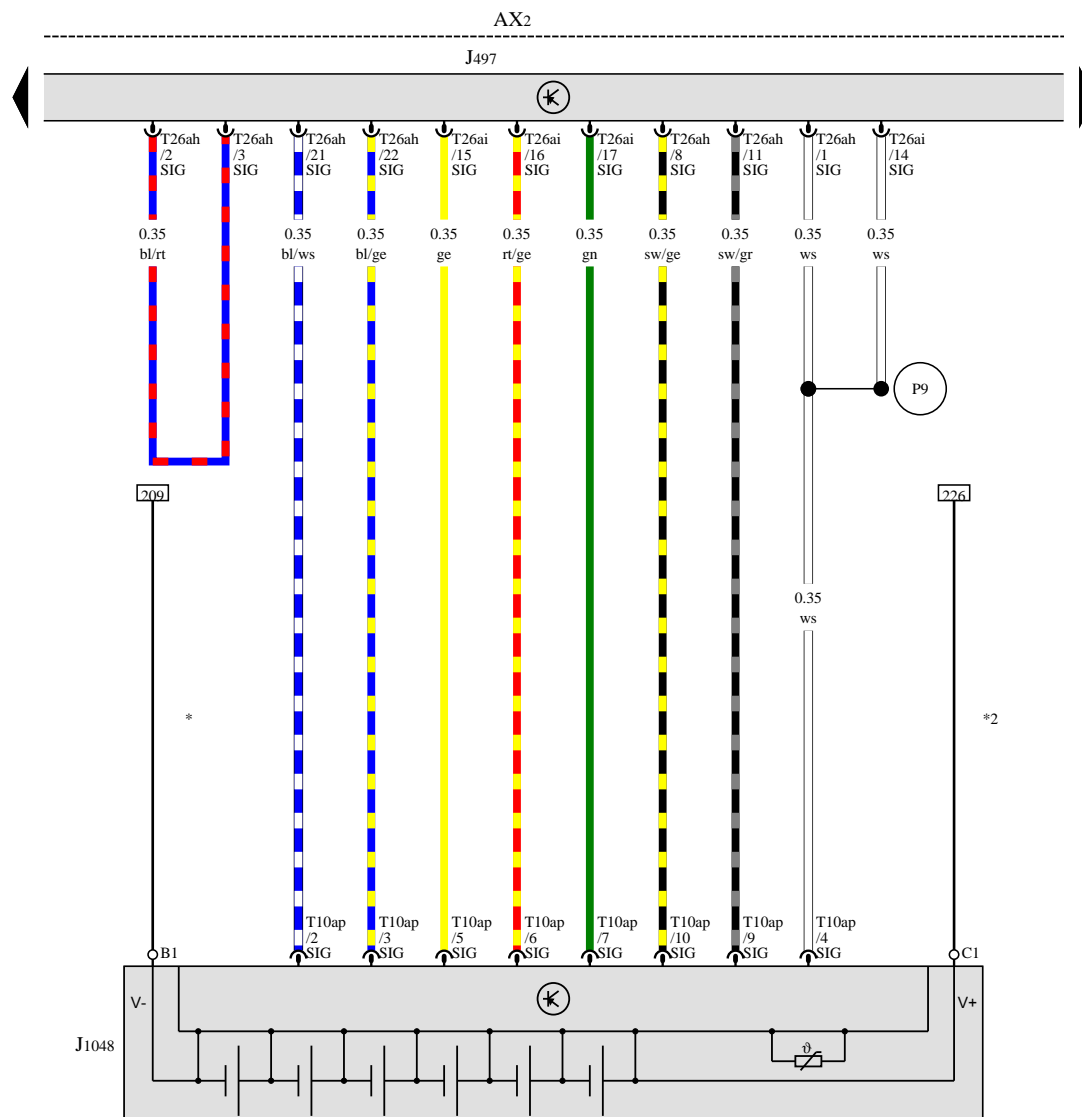
High-voltage battery 1, Module monitor control unit for batteries, Battery module 16

AX2 High-voltage battery 1
J497 Module monitor control unit for batteries
J1048 Battery module 16
T10ap 10-pin connector, black
T26ah 26-pin connector, pink
T26ai 26-pin connector, colourless

P9 Connection 3, in high-voltage battery wiring harness

* Connecting cable 17 for battery module (P42)

*2 Connecting cable 18 for battery module (P43)



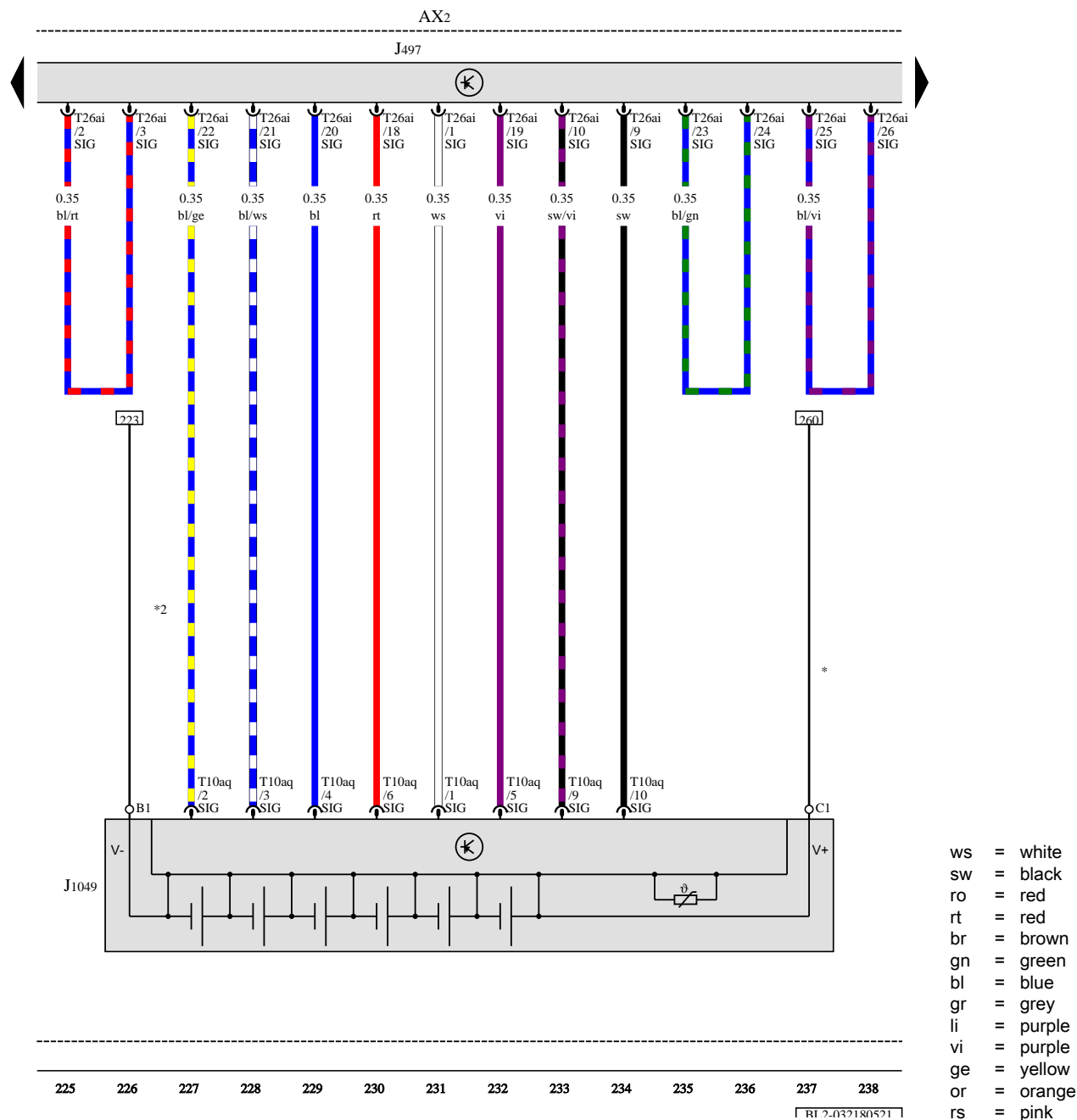
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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

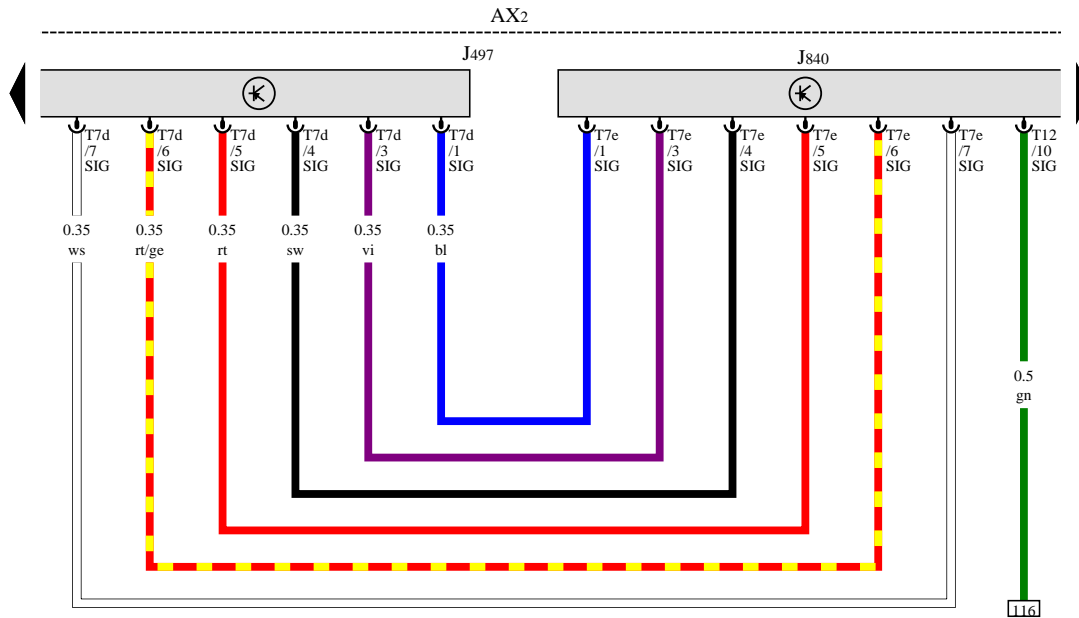
RI 2.032170521

High-voltage battery 1, Module monitor control unit for batteries, Battery module 17

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1049 Battery module 17
 T10aq 10-pin connector, black
 T26ai 26-pin connector, colourless
 * Connecting cable 19 for battery module (P44)
 *2 Connecting cable 18 for battery module (P43)

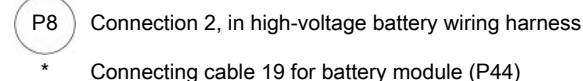


High-voltage battery 1, Module monitor control unit for batteries, Battery regulation control unit

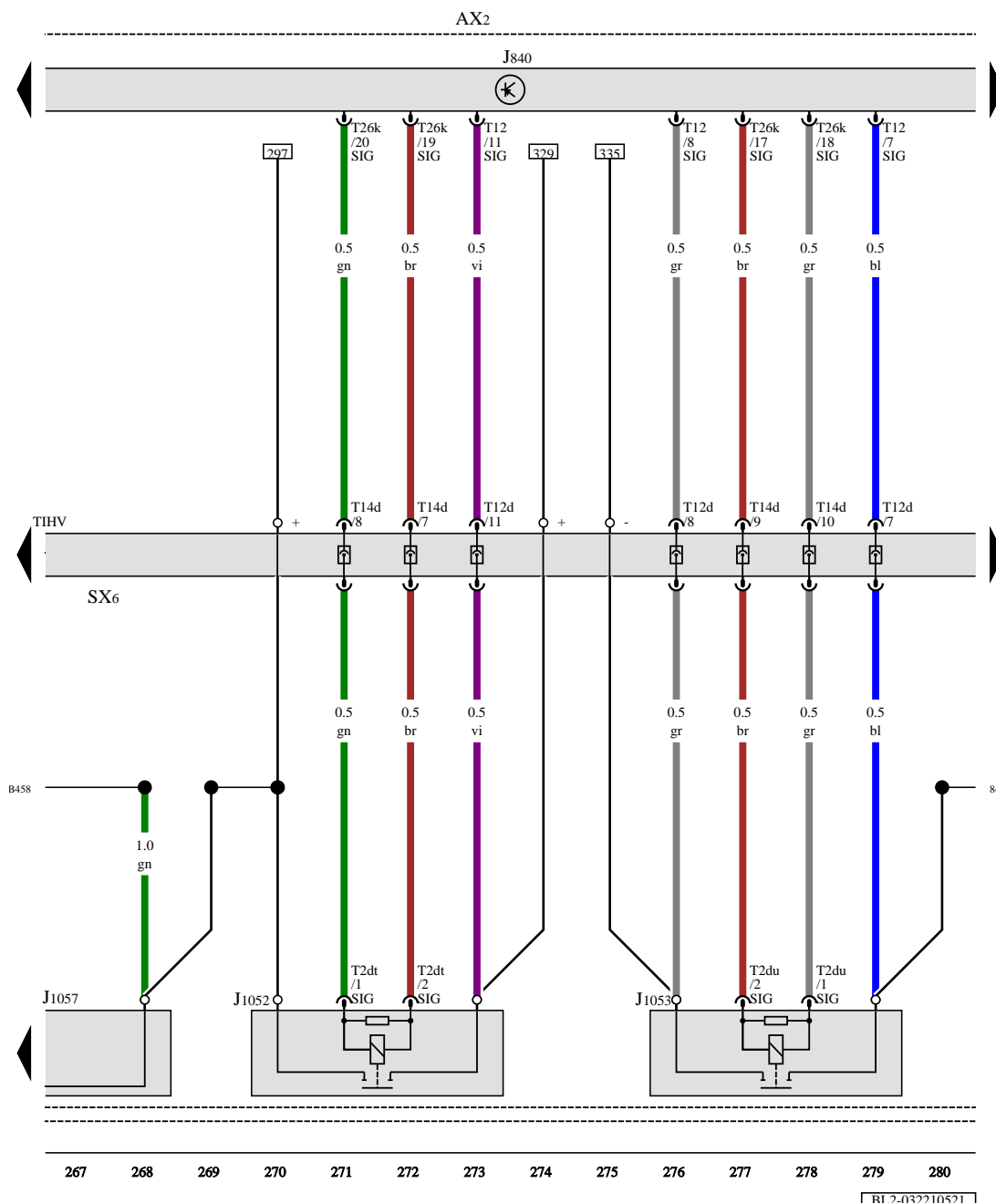


- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J840 Battery regulation control unit
- T7d 7-pin connector, black
- T7e 7-pin connector, black
- T12 12-pin connector, black

- 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



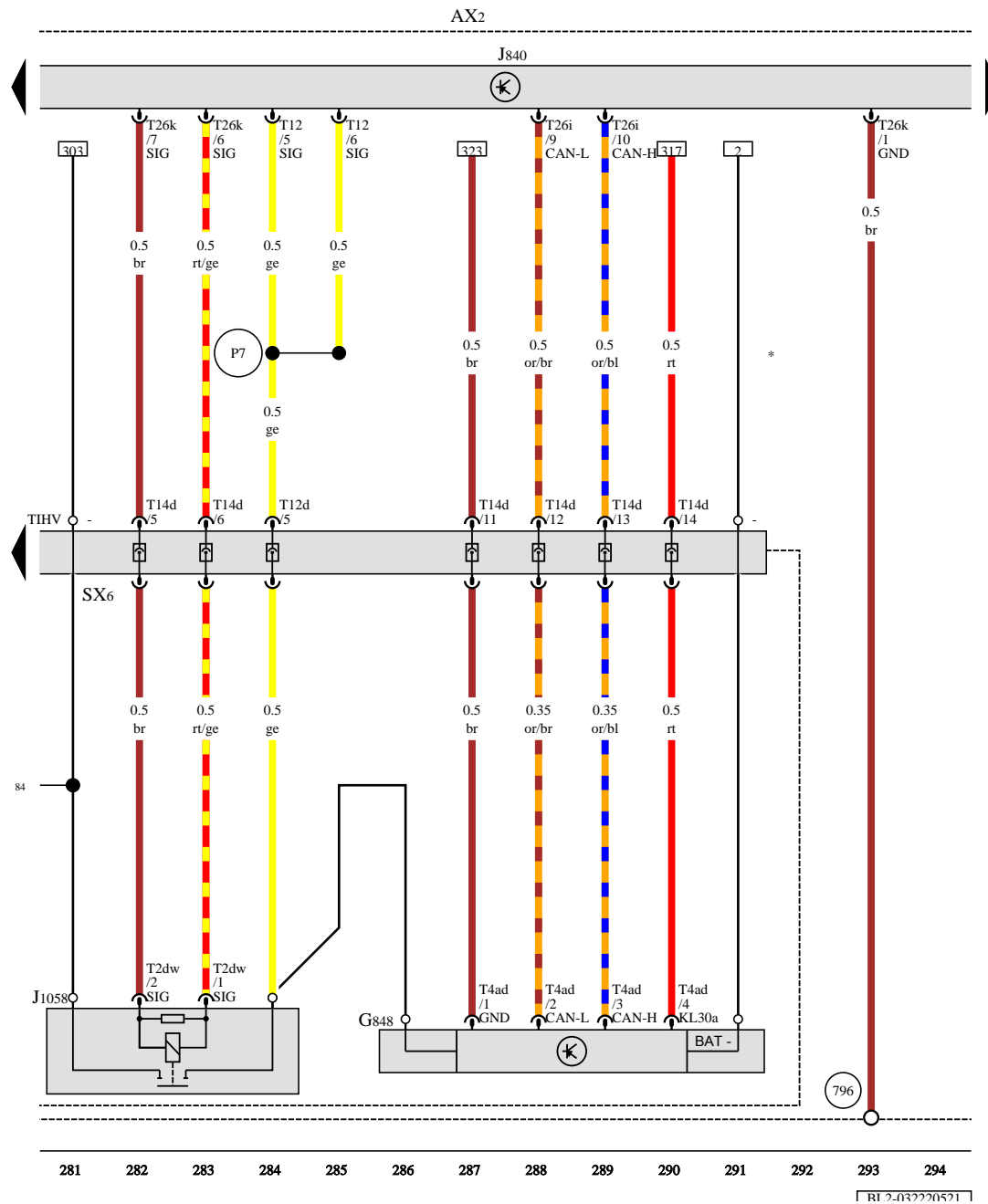
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



High-voltage battery 1, Battery regulation control unit, DC charge contactor 1, DC charge contactor 2, High-voltage battery power contactor 1, Switching unit for high-voltage battery

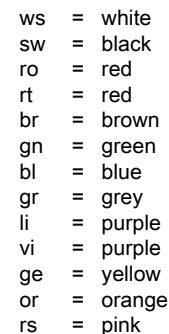
- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- J1052 DC charge contactor 1
- J1053 DC charge contactor 2
- J1057 High-voltage battery power contactor 1
- SX6 Switching unit for high-voltage battery
- T2dt 2-pin connector, black
- T2du 2-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26k 26-pin connector, black
- TIHV Coupling point in high-voltage 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



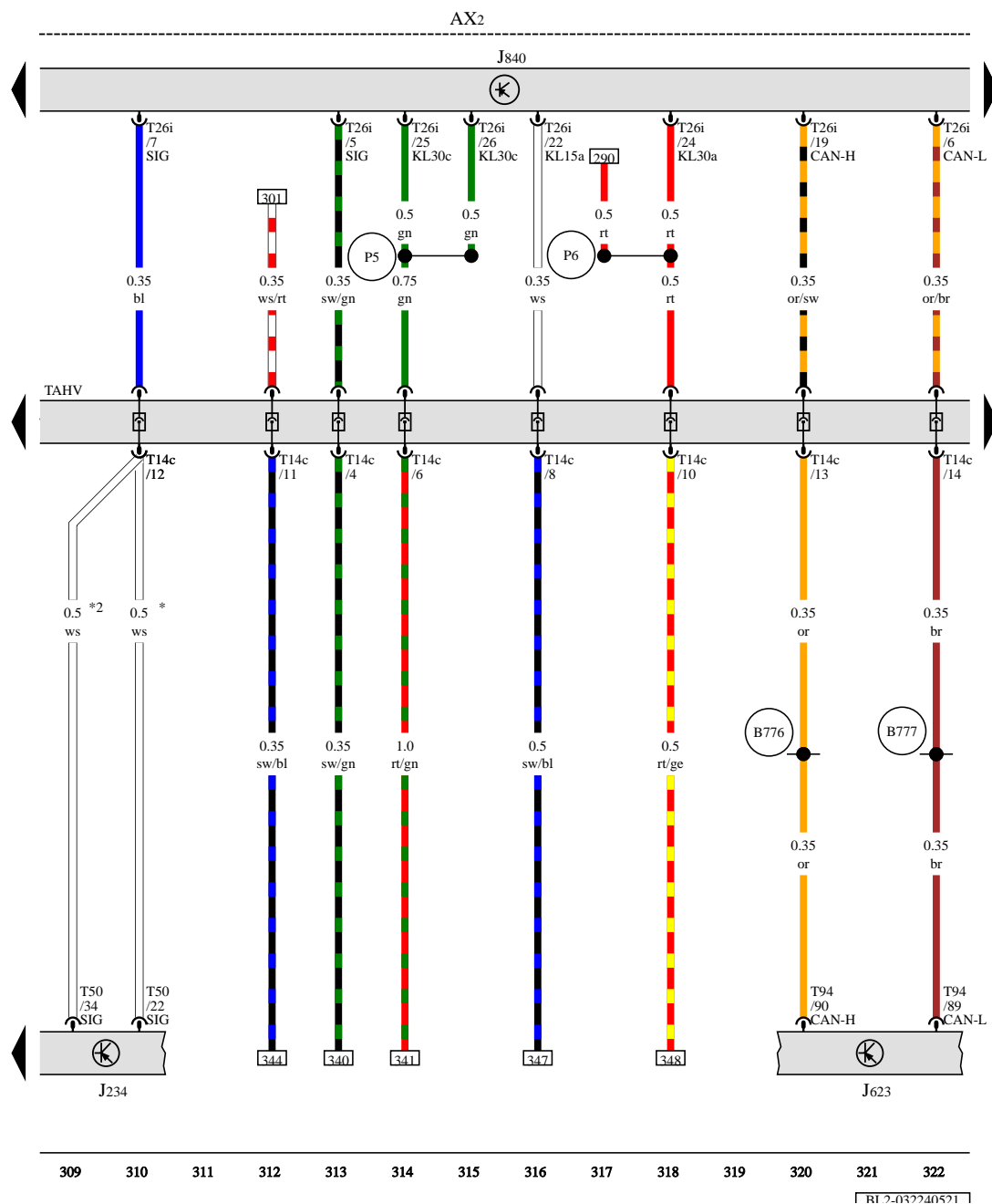
High-voltage battery 1, Current sensor for high-voltage battery, Battery regulation control unit, High-voltage battery power contactor 2, Switching unit for high-voltage battery

- AX2 High-voltage battery 1
- G848 Current sensor for high-voltage battery
- J840 Battery regulation control unit
- J1058 High-voltage battery power contactor 2
- SX6 Switching unit for high-voltage battery
- T2dw 2-pin connector, black
- T4ad 4-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26i 26-pin connector, black
- T26k 26-pin connector, black
- TIHV Coupling point in high-voltage battery
- 796 Earth point 3, in high-voltage battery
- P7 Connection 1, in high-voltage battery wiring harness
- * Connecting cable 1 for battery module (P26)



AX2	High-voltage battery 1
JX1	Power and control electronics for electric drive
J234	Airbag control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J840	Battery regulation control unit
T4x	4-pin connector, black
T14c	14-pin connector, black
T26i	26-pin connector, black
T50	50-pin connector, yellow
T73b	73-pin connector, colourless
TAHV	Coupling point on high-voltage battery
U34	High-voltage battery charging connection 1

- | | |
|------|---|
| 782 | Earth point 1, on high-voltage battery |
| 790 | Earth point on front left of underbody |
| 794 | Earth point 1, in high-voltage battery |
| 795 | Earth point 2, in high-voltage battery |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |
| * | Up to August 2019 |
| *2 | High-voltage wiring harness for high-voltage battery (PX1) |
| *3 | For models with combined AC and DC charging system |
| *4 | From August 2019 |



High-voltage battery 1, Battery regulation control unit

- AX2 High-voltage battery 1
- J234 Airbag control unit
- J623 Engine/motor control unit
- J840 Battery regulation control unit
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T50 50-pin connector, yellow
- T94 94-pin connector, black
- TAHV Coupling point on high-voltage battery

B776 Connection 1 (hybrid CAN bus, high) in main wiring harness

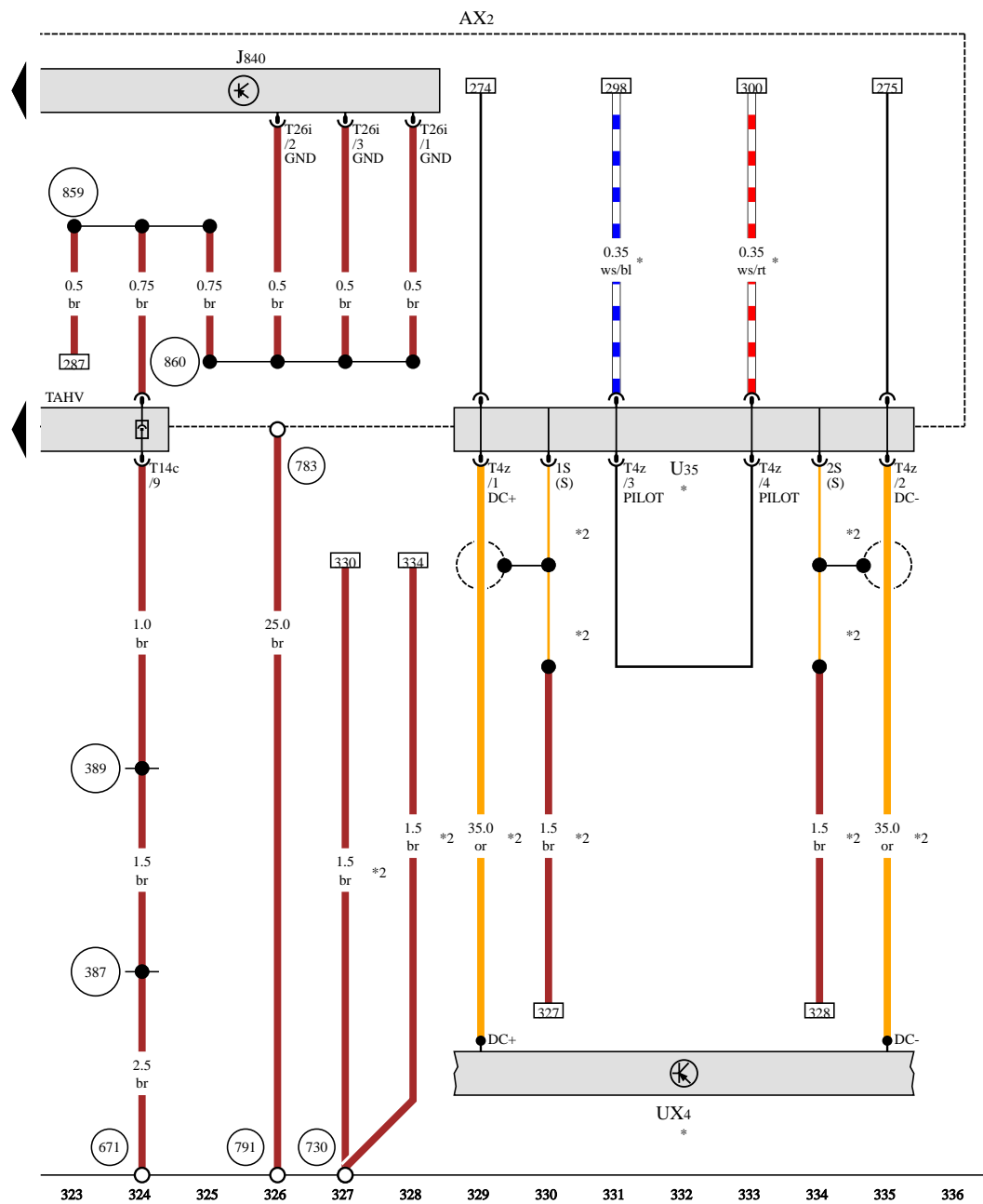
B777 Connection 1 (hybrid CAN bus, low) in main wiring harness

P5 Positive connection 1, in high-voltage battery wiring harness

P6 Positive connection 2, in high-voltage battery wiring harness

* Up to August 2019

*2 From August 2019



High-voltage battery 1, Battery regulation control unit

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- T4z 4-pin connector, black
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- TAHV Coupling point on high-voltage battery
- UX4 High-voltage battery charging socket 1
- U35 High-voltage battery charging connection 2

- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 730 Earth point 1, on right rear wheel housing
- 783 Earth point 2, on high-voltage battery
- 791 Earth point, on rear right of underbody
- 859 Earth connection 1, in high-voltage battery wiring harness
- 860 Earth connection 2, in high-voltage battery wiring harness

- * For models with combined AC and DC charging system
- *2 High-voltage wire for high-voltage battery charging (P52)

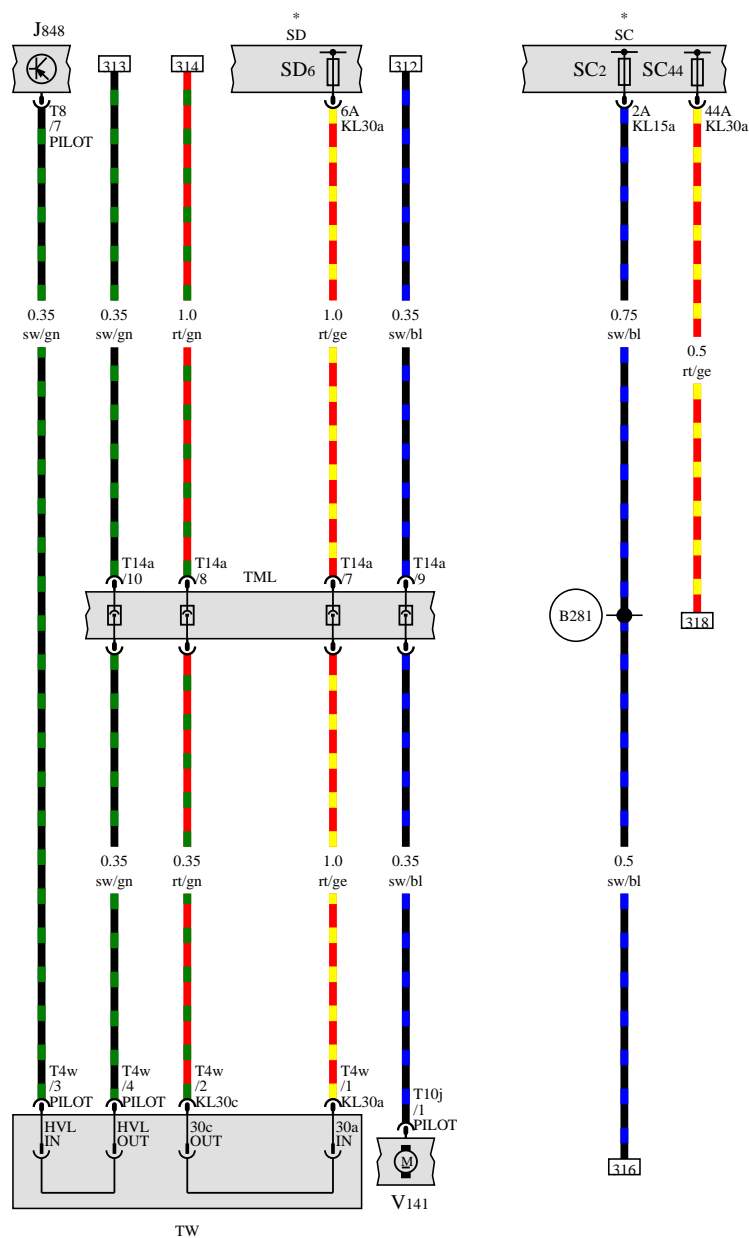
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuse holder C, Maintenance connector for high-voltage system

- J848 High-voltage heater (PTC) control unit
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SD Fuse holder D
- SD6 Fuse 6 on fuse holder D
- SC44 Fuse 44 on fuse holder C
- T4w 4-pin connector, green
- T8 8-pin connector, black
- T10j 10-pin connector, black
- T14a 14-pin connector, brown
- TML Coupling point in engine compartment, left
- TW Maintenance connector for high-voltage system
- V141 Electric drive motor

(B281) Positive connection 5 (15a) 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

337 338 339 340 341 342 343 344 345 346 347 348 349 350

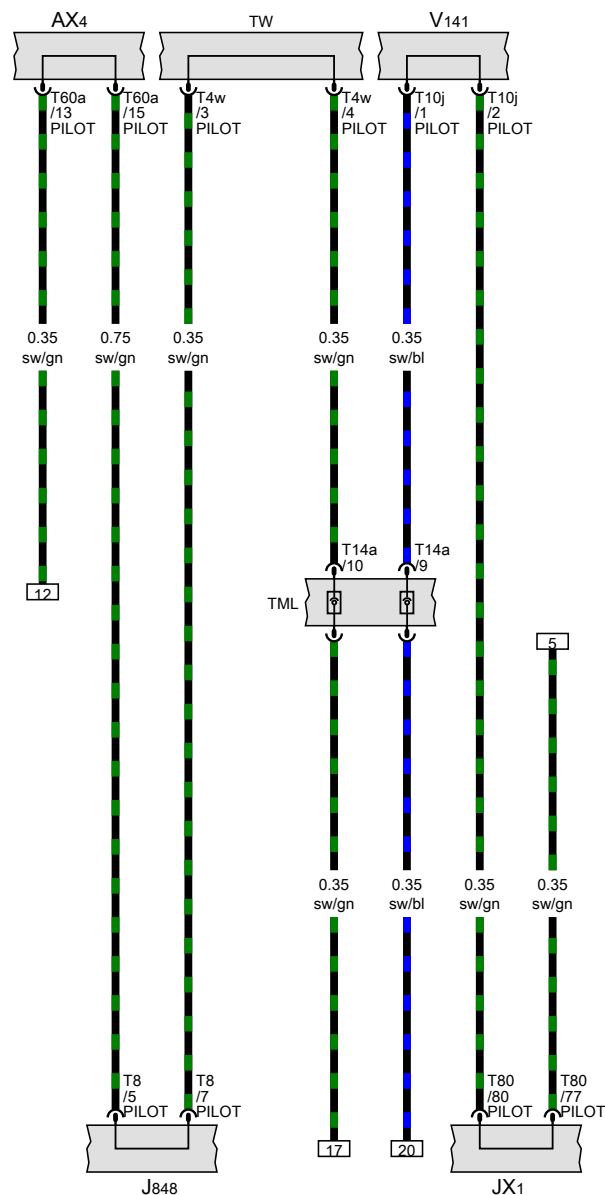
RI 2.032260521

Pilot line for high-voltage system

From August 2019

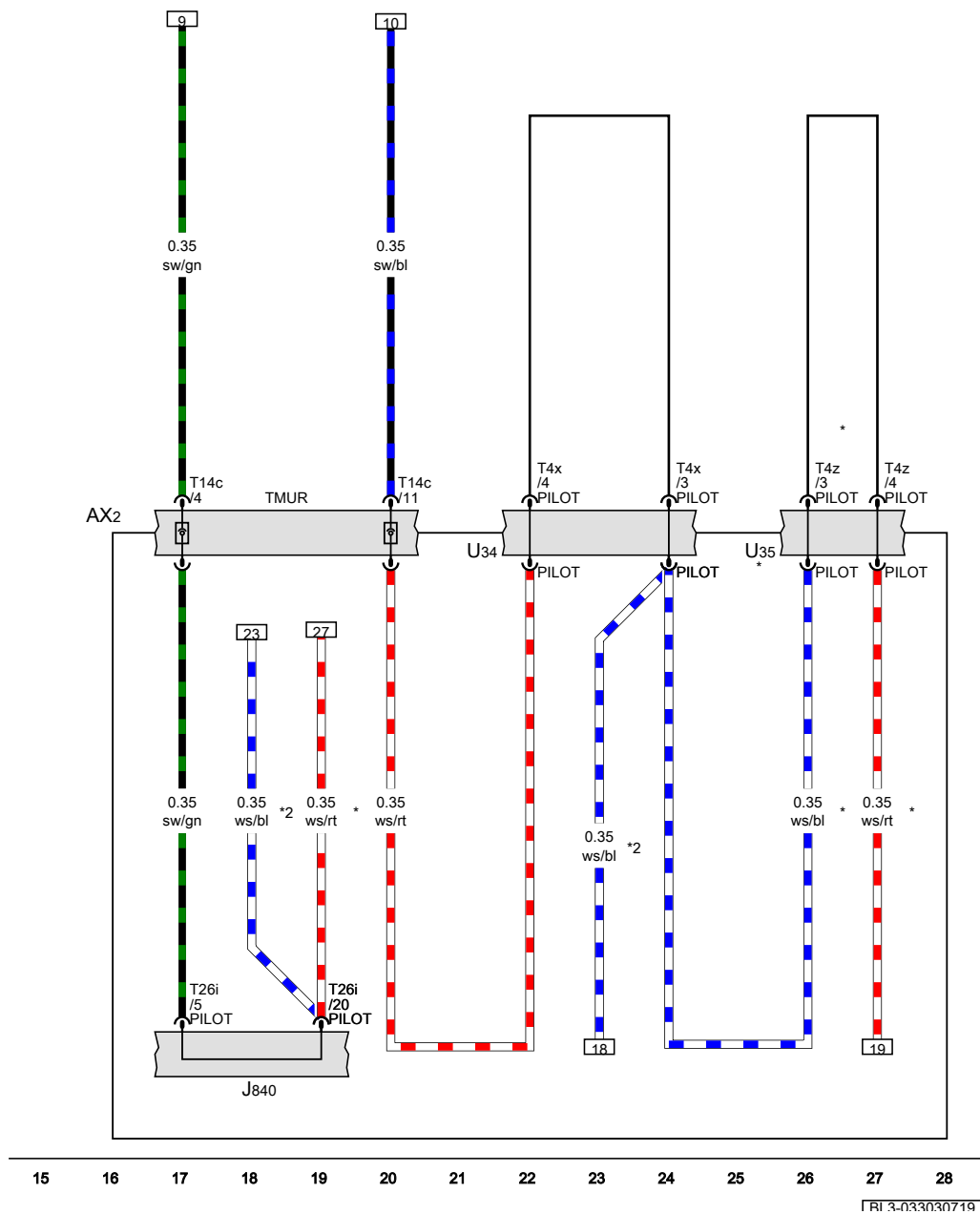
Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, High-voltage heater (PTC) control unit, Maintenance connector for high-voltage system, Electric drive motor

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J848 High-voltage heater (PTC) control unit
- T4w 4-pin connector, green
- T8 8-pin connector, black
- T10j 10-pin connector, black
- T14a 14-pin connector, brown
- T60a 60-pin connector, black
- T80 80-pin connector, black
- TML Coupling point in engine compartment, left
- TW Maintenance connector for high-voltage system
- V141 Electric drive motor



- 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

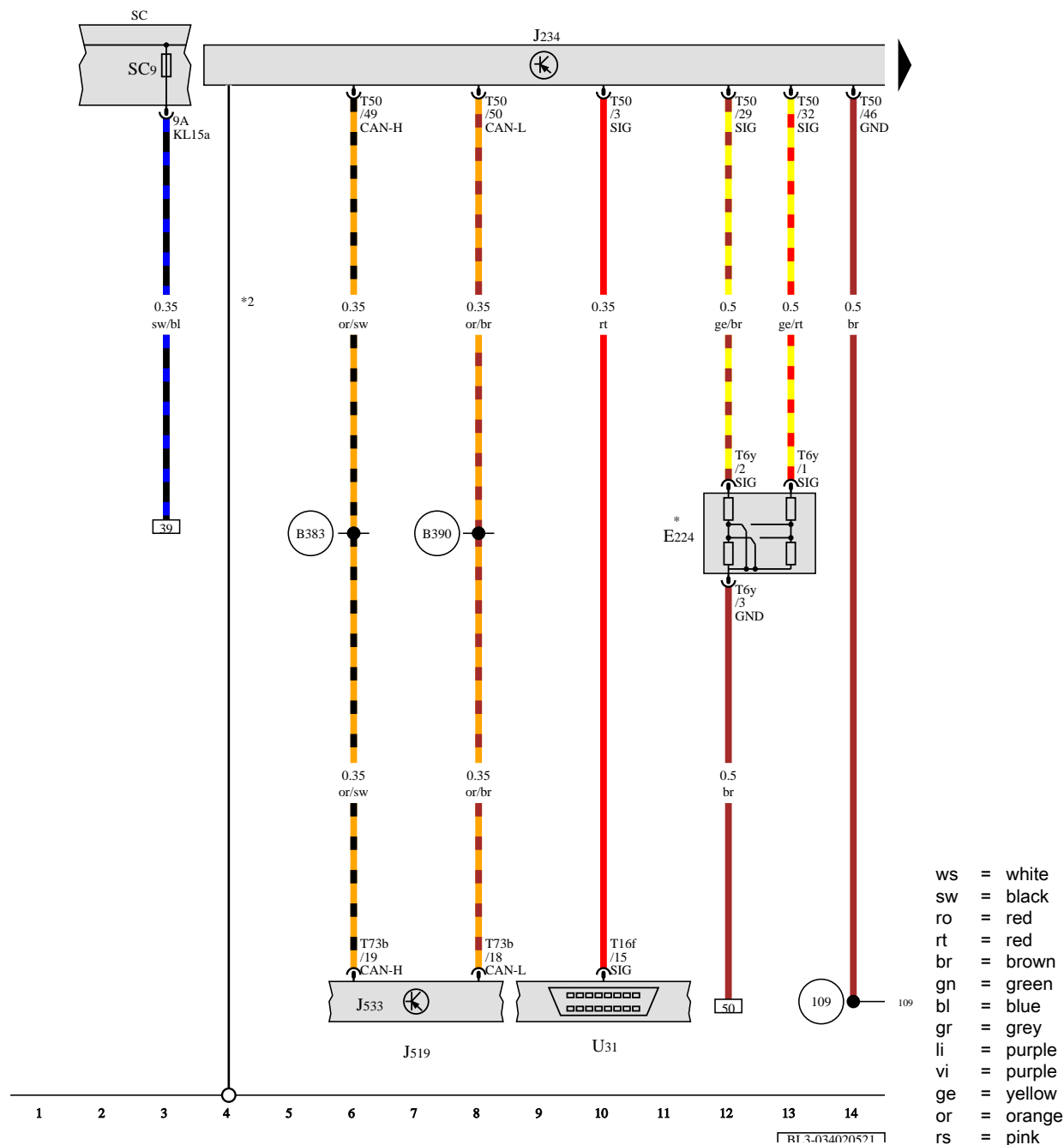
Battery regulation control unit, High-voltage battery charging connection 1, High-voltage battery charging connection 2



- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- T4x 4-pin connector, orange
- T4z 4-pin connector, orange
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- TMUR Coupling point on engine, bottom right
- U34 High-voltage battery charging connection 1
- U35 High-voltage battery charging connection 2
- * For models with combined AC and DC charging system
- *2 According to equipment

Airbag systems , (4UF)

From August 2019



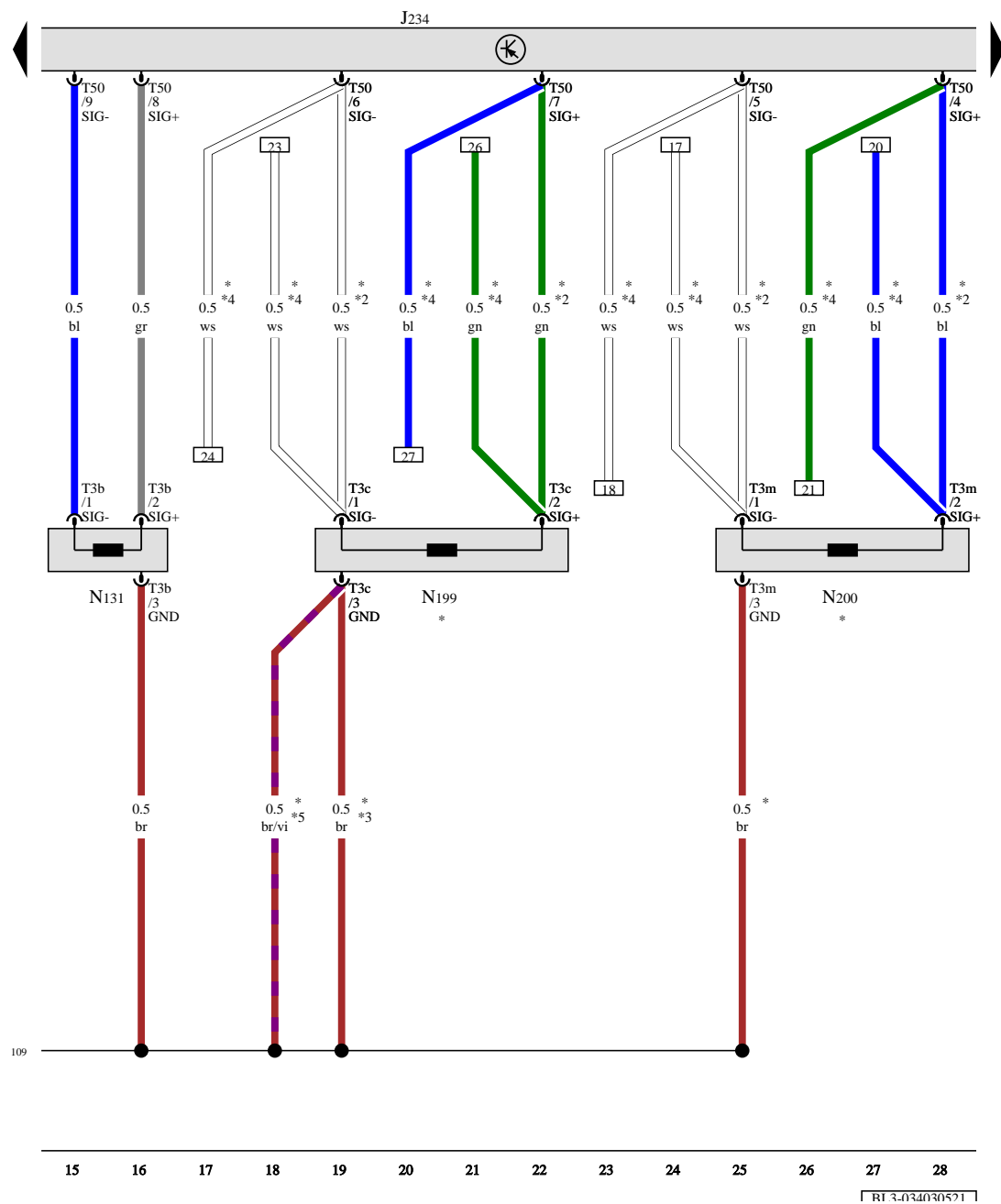
Key-operated switch to deactivate airbag on front passenger side, Airbag control unit, Onboard supply control unit, Data bus diagnostic interface, Fuse holder C, Diagnostic connection

- | | |
|------|--|
| E224 | Key-operated switch to deactivate airbag on front passenger side |
| J234 | Airbag control unit |
| J519 | Onboard supply control unit |
| J533 | Data bus diagnostic interface |
| SC | Fuse holder C |
| SC9 | Fuse 9 on fuse holder C |
| T6y | 6-pin connector, yellow |
| T16f | 16-pin connector, black |
| T50 | 50-pin connector, yellow |
| T73b | 73-pin connector, colourless |
| U31 | Diagnostic connection |

- | | |
|------|---|
| 109 | Earth connection, in airbag wiring harness |
| B383 | Connection 1 (powertrain CAN bus, high), in main wiring harness |
| B390 | Connection 1 (powertrain CAN bus, low), in main wiring harness |

- * Optional equipment
*2 Earth supply via housing

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



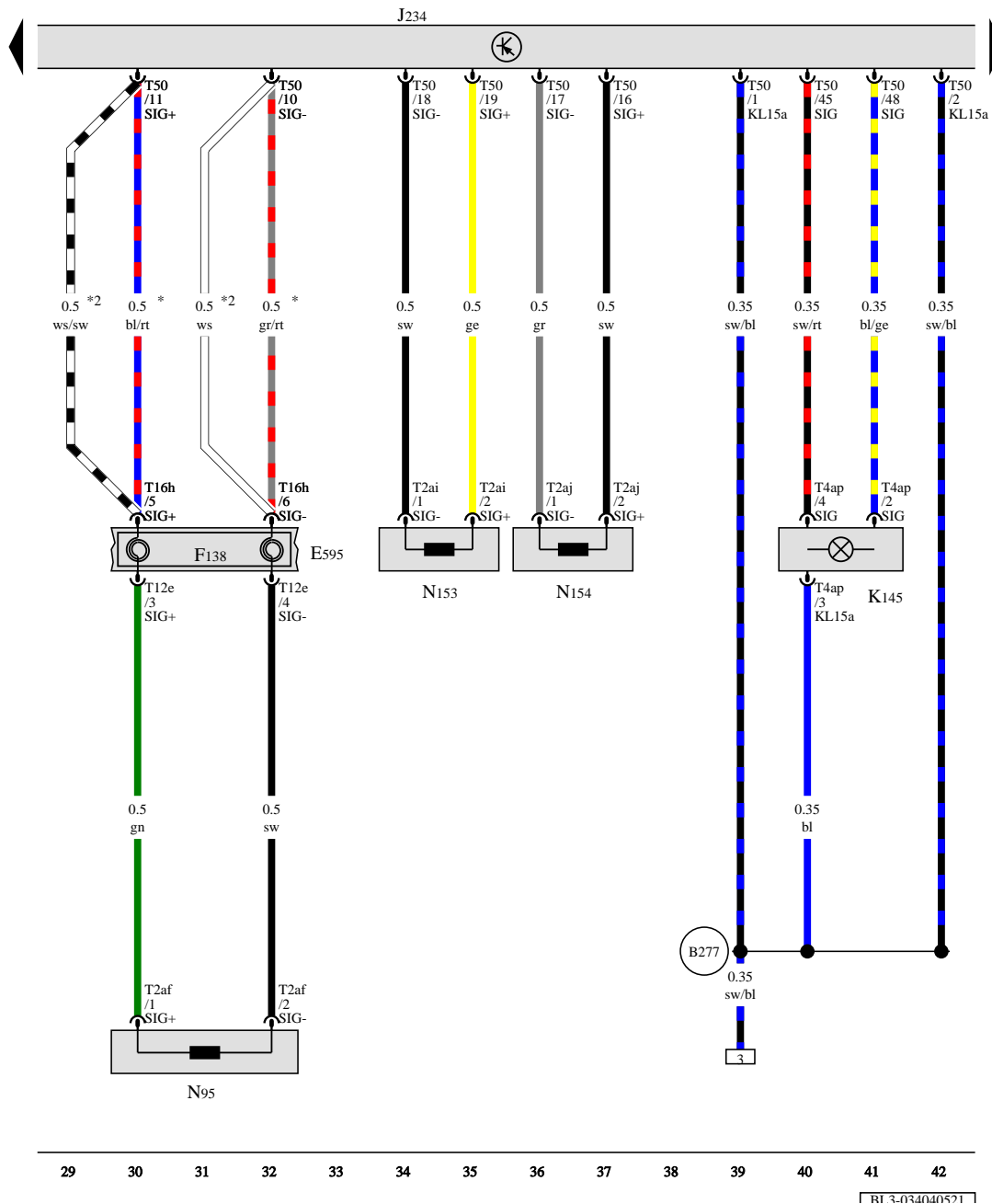
Airbag control unit, Airbag igniter 1 on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- J234 Airbag control unit
- N131 Airbag igniter 1 on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T3b 3-pin connector, yellow
- T3c 3-pin connector, yellow
- T3m 3-pin connector, yellow
- T50 50-pin connector, yellow

109 Earth connection, in airbag wiring harness

- * Optional equipment
- *2 For left-hand drive models
- *3 Up to November 2020
- *4 For right-hand drive models
- *5 From November 2020

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

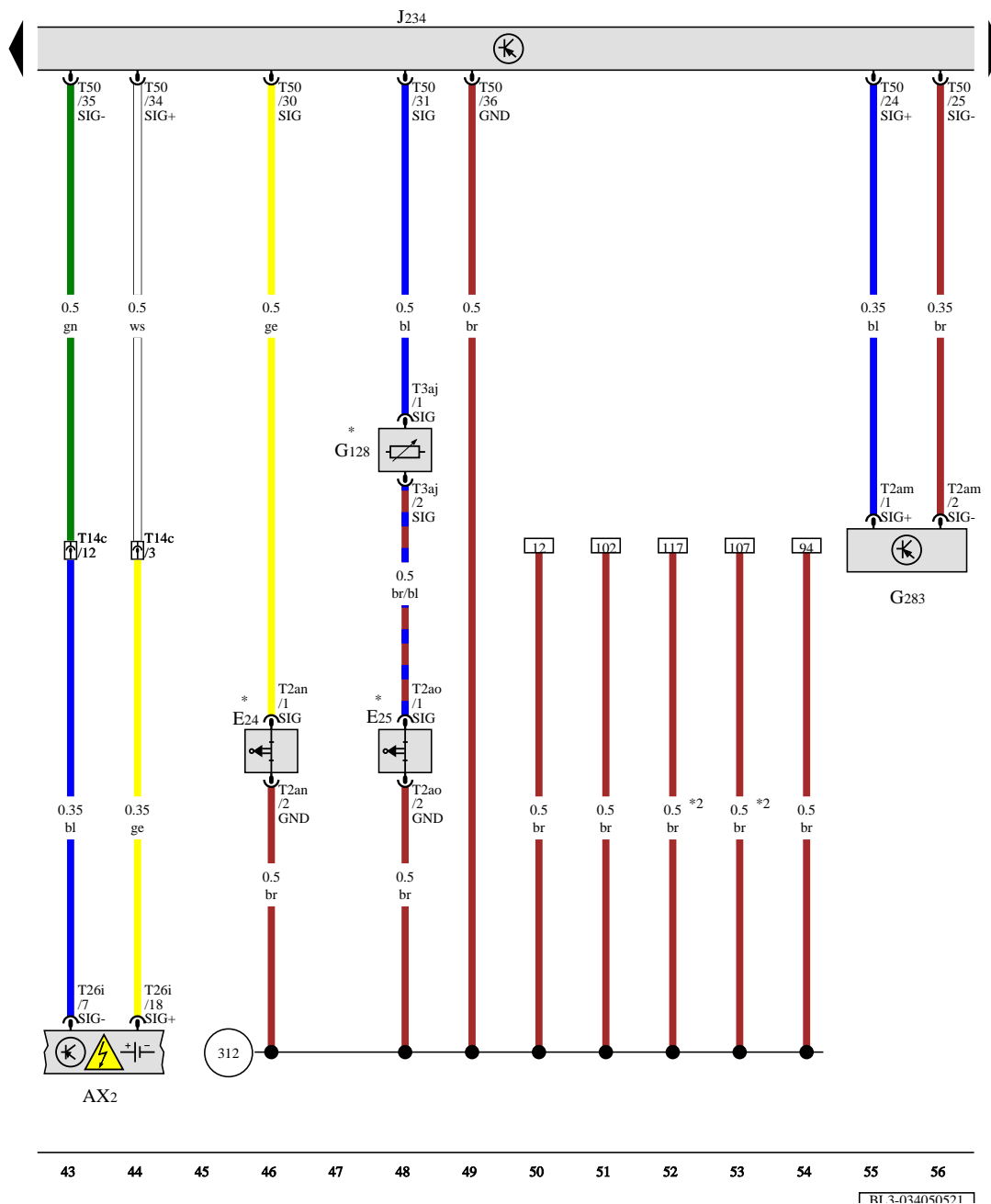


Steering column combination switch, Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Airbag igniter on driver side, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

- E595 Steering column combination switch
- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- N95 Airbag igniter on driver side
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2af 2-pin connector, yellow
- T2ai 2-pin connector, yellow
- T2aj 2-pin connector, yellow
- T4ap 4-pin connector, black
- T12e 12-pin connector, yellow
- T16h 16-pin connector, black
- T50 50-pin connector, yellow

B277 Positive connection 1 (15a) in main wiring harness

- * For right-hand drive models
- *2 For left-hand drive models



Driver side belt switch, Front passenger side belt switch, Seat occupied sensor on front passenger side, Front airbag crash sensor for driver side, Airbag control unit

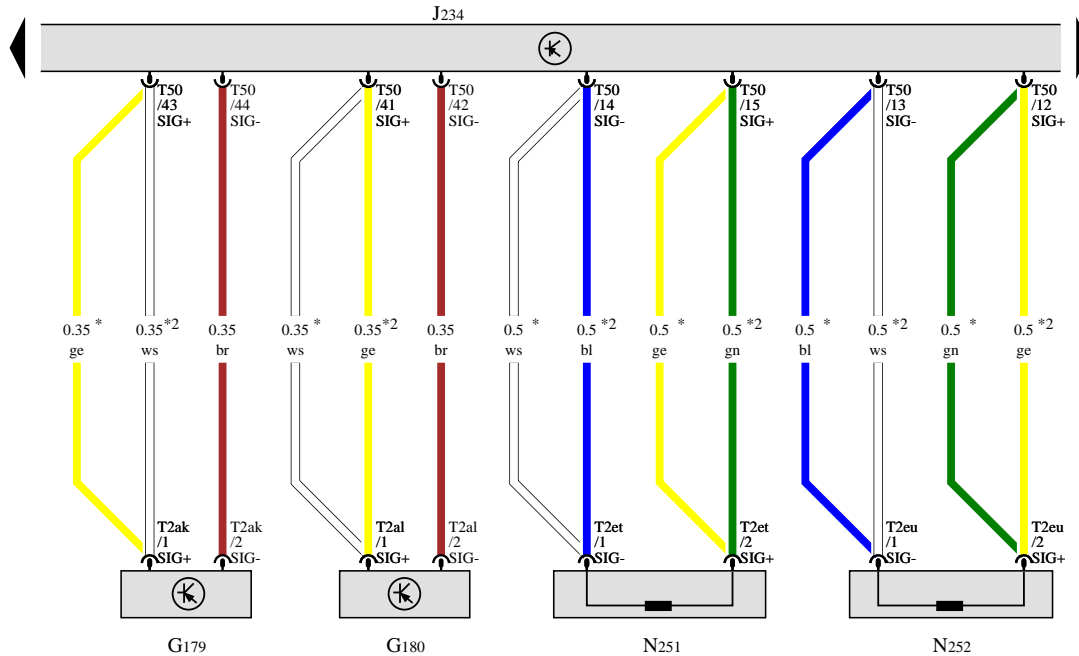
- AX2 High-voltage battery 1
- E24 Driver side belt switch
- E25 Front passenger side belt switch
- G128 Seat occupied sensor on front passenger side
- G283 Front airbag crash sensor for driver side, on lock carrier
- J234 Airbag control unit
- T2am 2-pin connector, yellow
- T2an 2-pin connector, black
- T2ao 2-pin connector, black
- T3aj 3-pin connector, black
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T50 50-pin connector, yellow

312 Earth connection 2, in airbag wiring harness

* Pre-wired component

*2 For models with advanced safety system

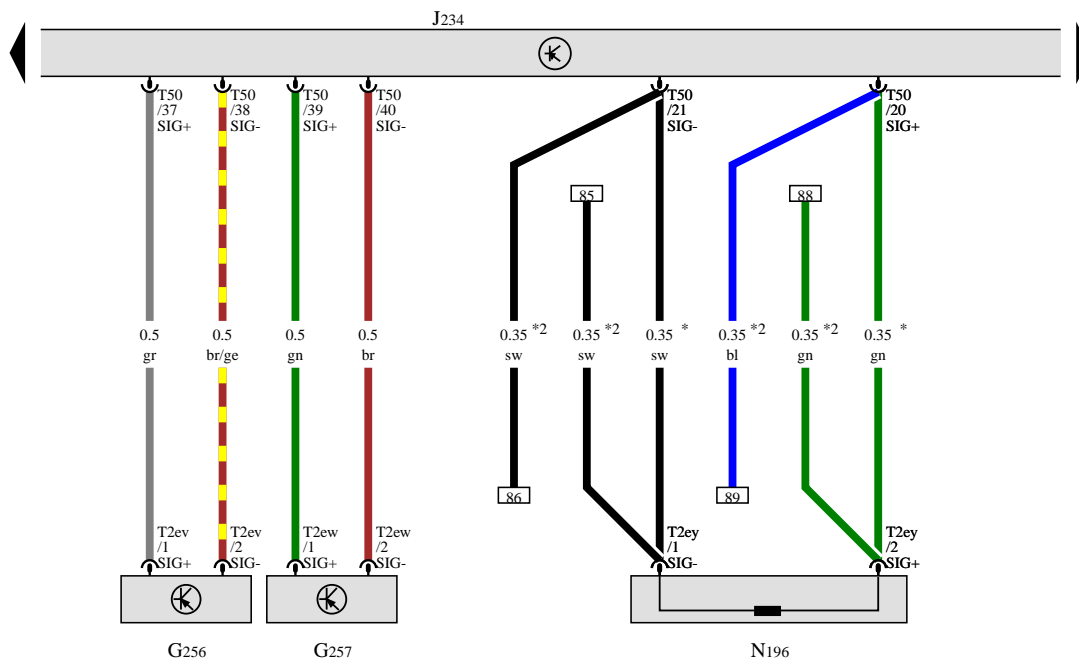
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G179 Side airbag crash sensor on driver side, in driver door, lower part of B-pillar, driver side
- G180 Side airbag crash sensor on front passenger side, in front passenger door, lower part of B-pillar, front passenger side
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2ak 2-pin connector, yellow
- T2al 2-pin connector, yellow
- T2et 2-pin connector, yellow
- T2eu 2-pin connector, yellow
- T50 50-pin connector, yellow
- * For left-hand drive models
- *2 For right-hand drive models

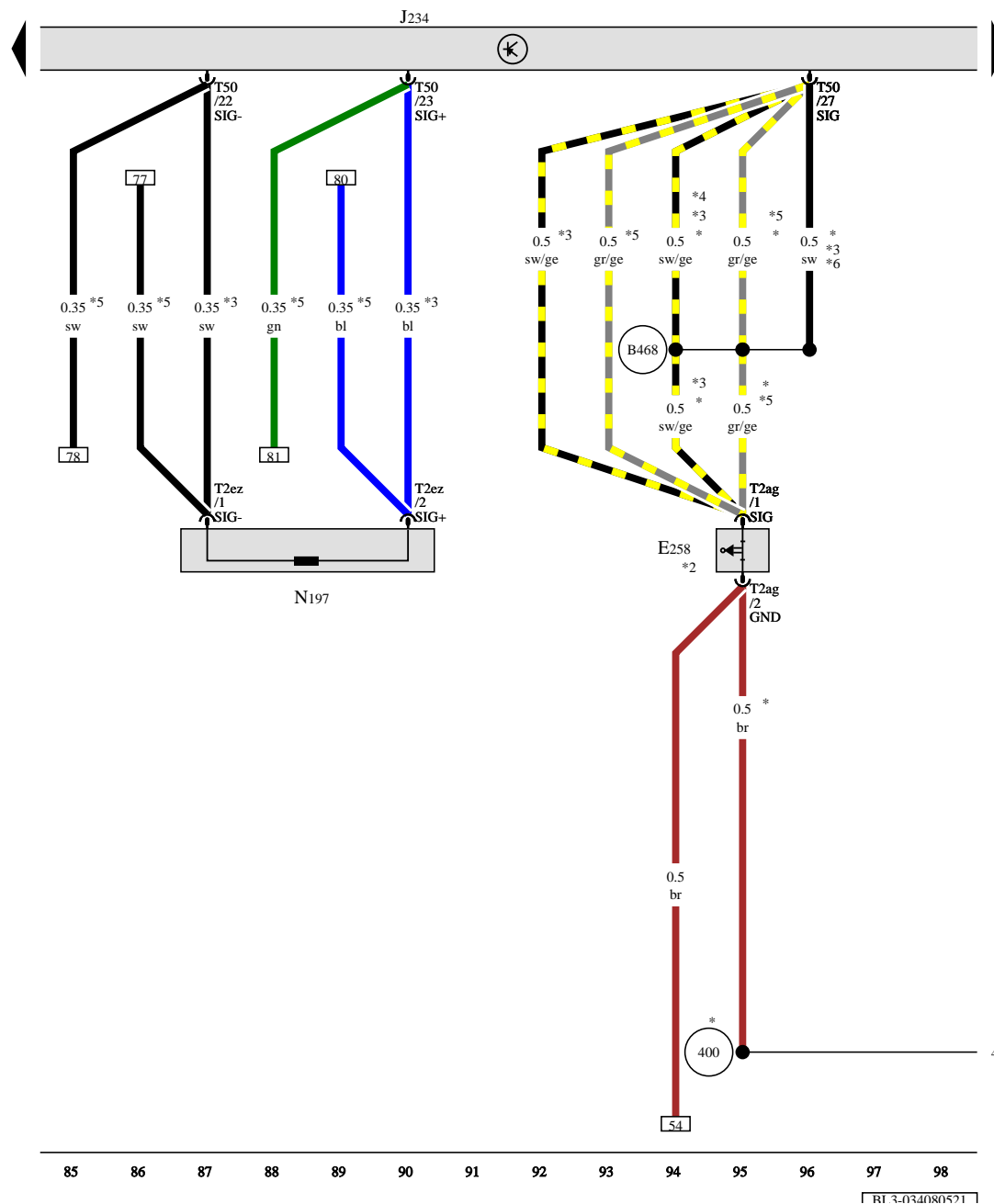
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Rear belt tensioner igniter on driver side

- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N196 Rear belt tensioner igniter on driver side
- T2ev 2-pin connector, yellow
- T2ew 2-pin connector, yellow
- T2ey 2-pin connector, yellow
- T50 50-pin connector, yellow
- * For left-hand drive models
- *2 For right-hand drive models

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



Rear belt switch, driver side, Airbag control unit, Rear belt tensioner igniter on passenger side

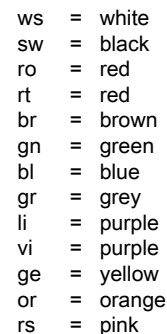
- E258 Rear belt switch, driver side
- J234 Airbag control unit
- N197 Rear belt tensioner igniter on passenger side
- T2ag 2-pin connector, black
- T2ez 2-pin connector, yellow
- T50 50-pin connector, yellow

400 Earth connection 35, in main wiring harness

B468 Connection 4, in main wiring harness

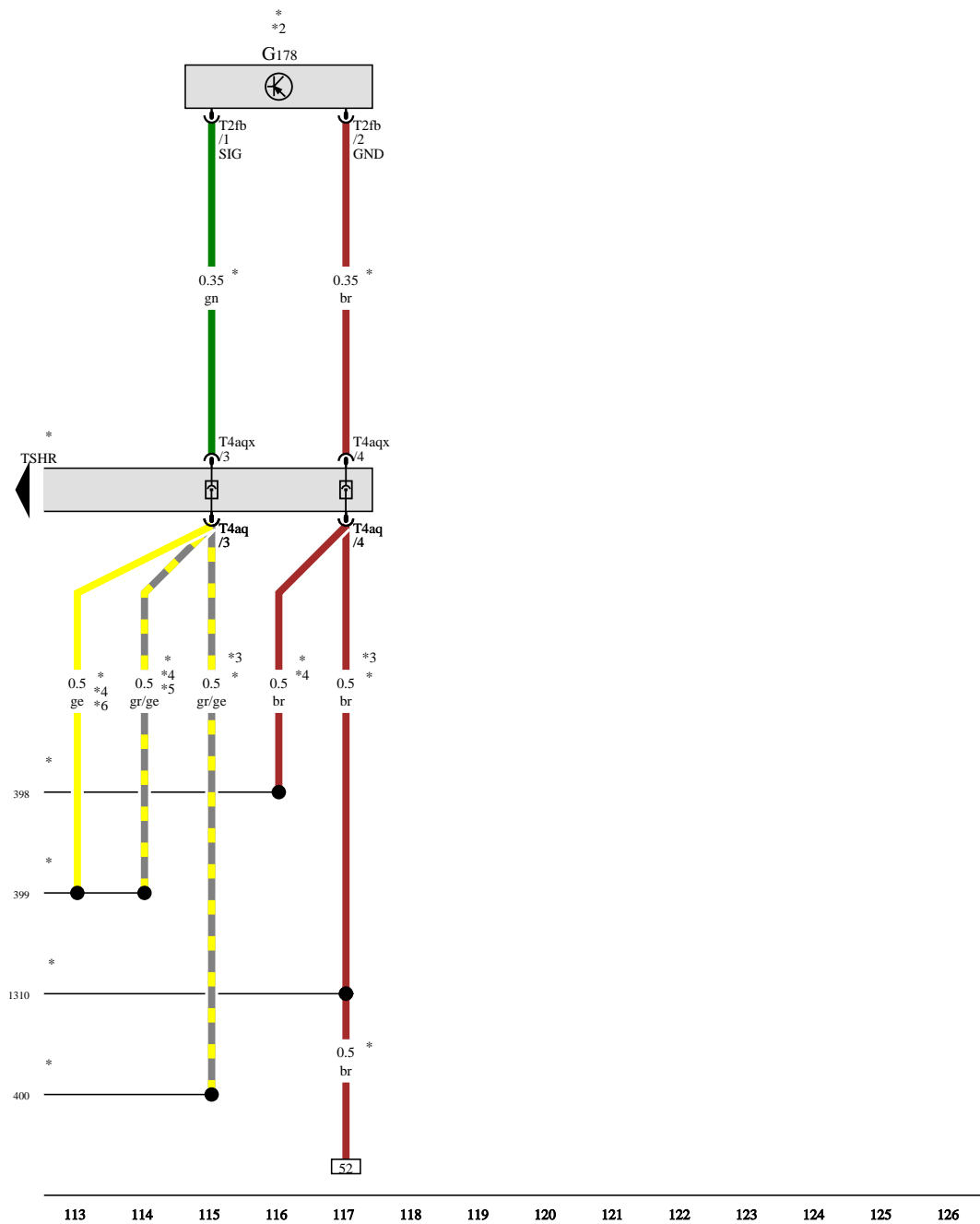
- * For models with advanced safety system
- *2 Pre-wired component
- *3 For left-hand drive models
- *4 Up to November 2020
- *5 For right-hand drive models
- *6 From November 2020

- 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



E259	Rear belt switch, passenger side
G177	Rear seat occupied sensor on driver side
J234	Airbag control unit
T2ah	2-pin connector, black
T2fa	2-pin connector, blue
T4aq	4-pin connector, blue
T4aqx	4-pin connector, blue
T50	50-pin connector, yellow
TSHR	Coupling point for rear right seat

- * For models with advanced safety system
- *2 Pre-wired component
- *3 For left-hand drive models
- *4 Up to November 2020
- *5 For right-hand drive models
- *6 From November 2020



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

Rear seat occupied sensor on passenger side

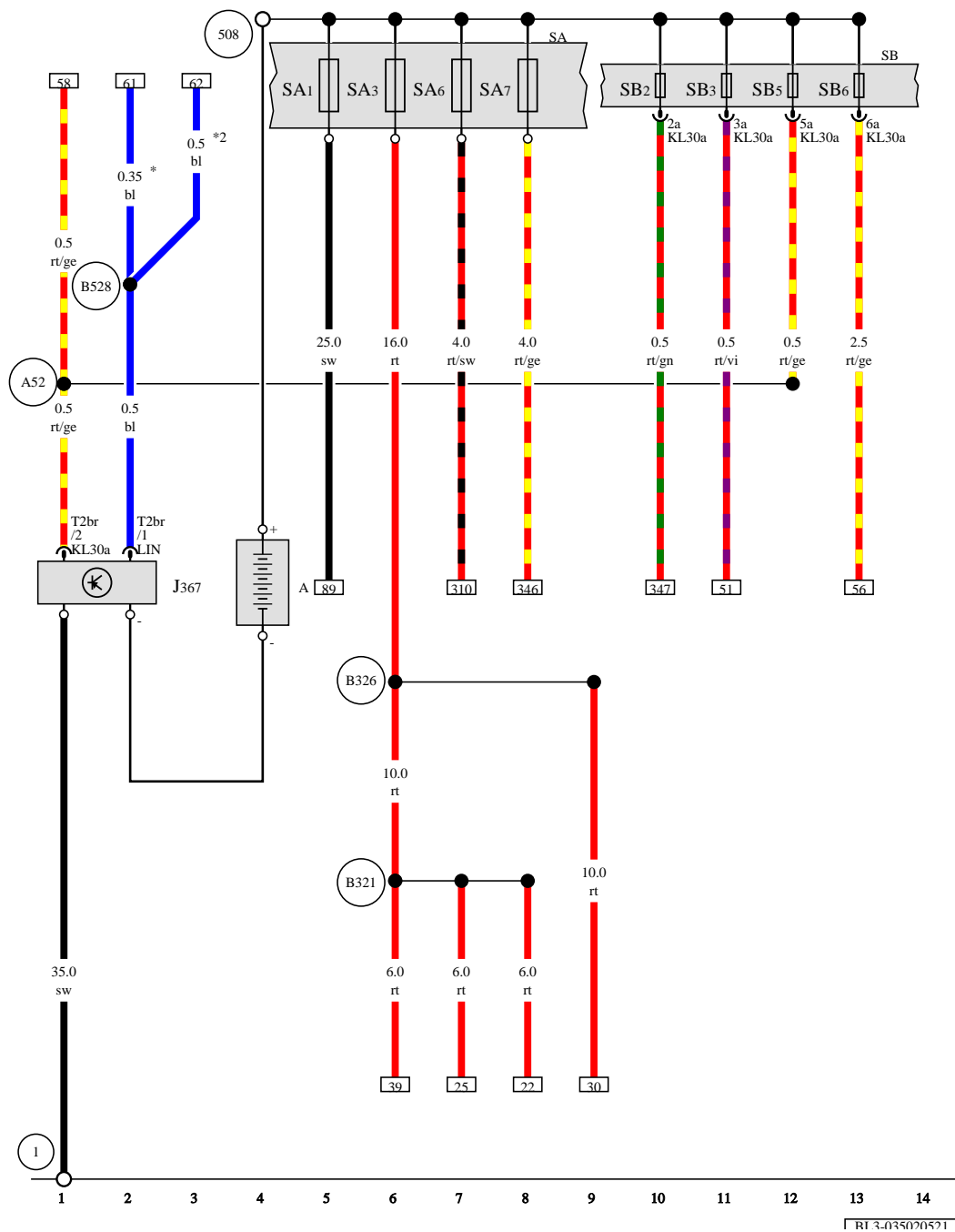
- G178 Rear seat occupied sensor on passenger side
- T2fb 2-pin connector, blue
- T4aq 4-pin connector, blue
- T4aqx 4-pin connector, blue
- TSHR Coupling point for rear right seat

- 398 Earth connection 33, in main wiring harness
- 399 Earth connection 34, in main wiring harness
- 400 Earth connection 35, in main wiring harness
- 1310 Earth connection 36, in main wiring harness

- * For models with advanced safety system
- *2 Pre-wired component
- *3 For right-hand drive models
- *4 For left-hand drive models
- *5 Up to November 2020
- *6 From November 2020

Electric drive system , EBMA

From August 2019

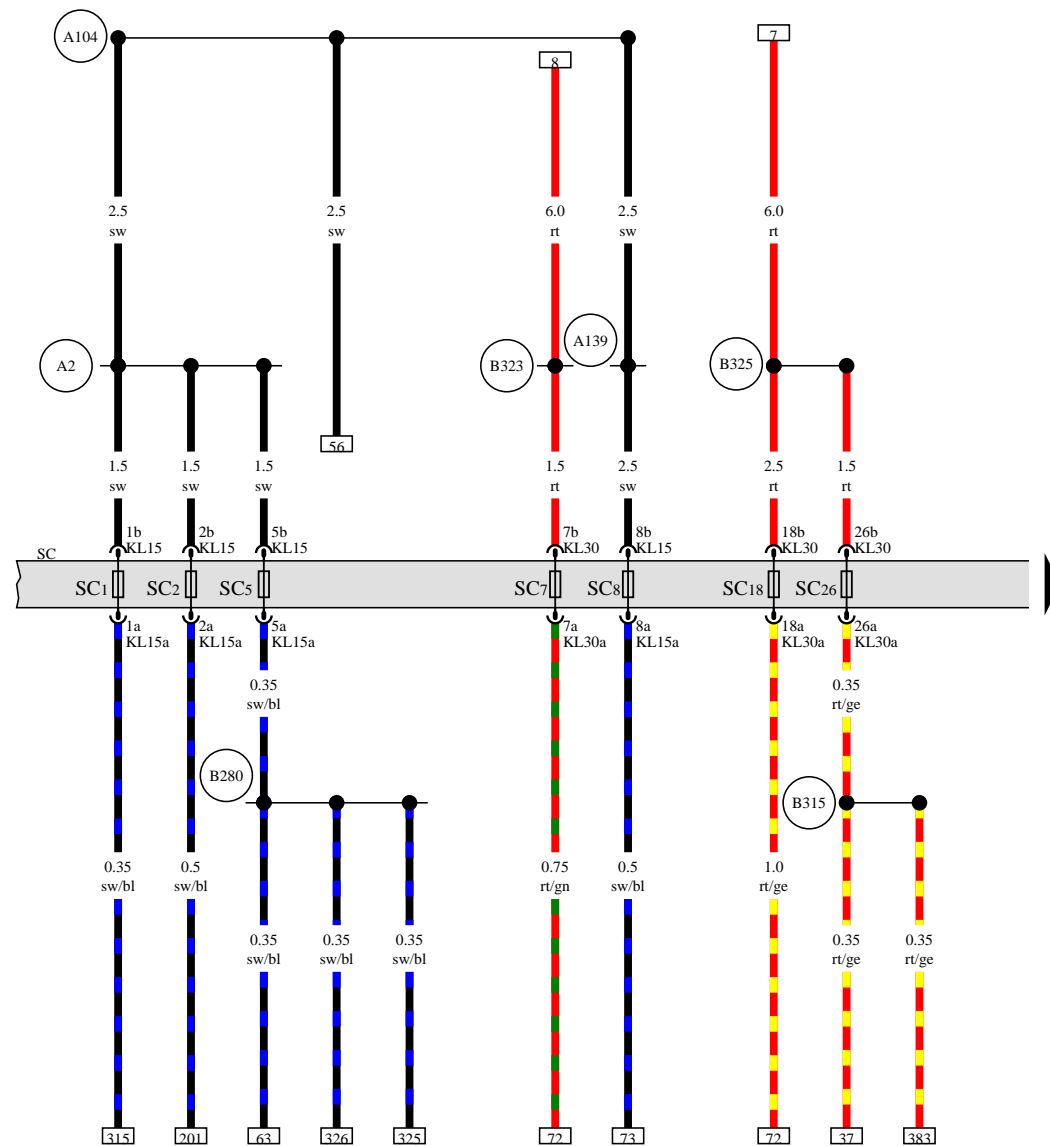


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Battery, Battery monitor control unit, Fuse holder A, Fuse holder B

- A Battery
- J367 Battery monitor control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SA3 Fuse 3 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA6 Fuse 6 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SA7 Fuse 7 on fuse holder A
- T2br 2-pin connector, black

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- A52 Positive connection 2 (30), in dash panel wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- * Up to November 2020
- *2 From November 2020

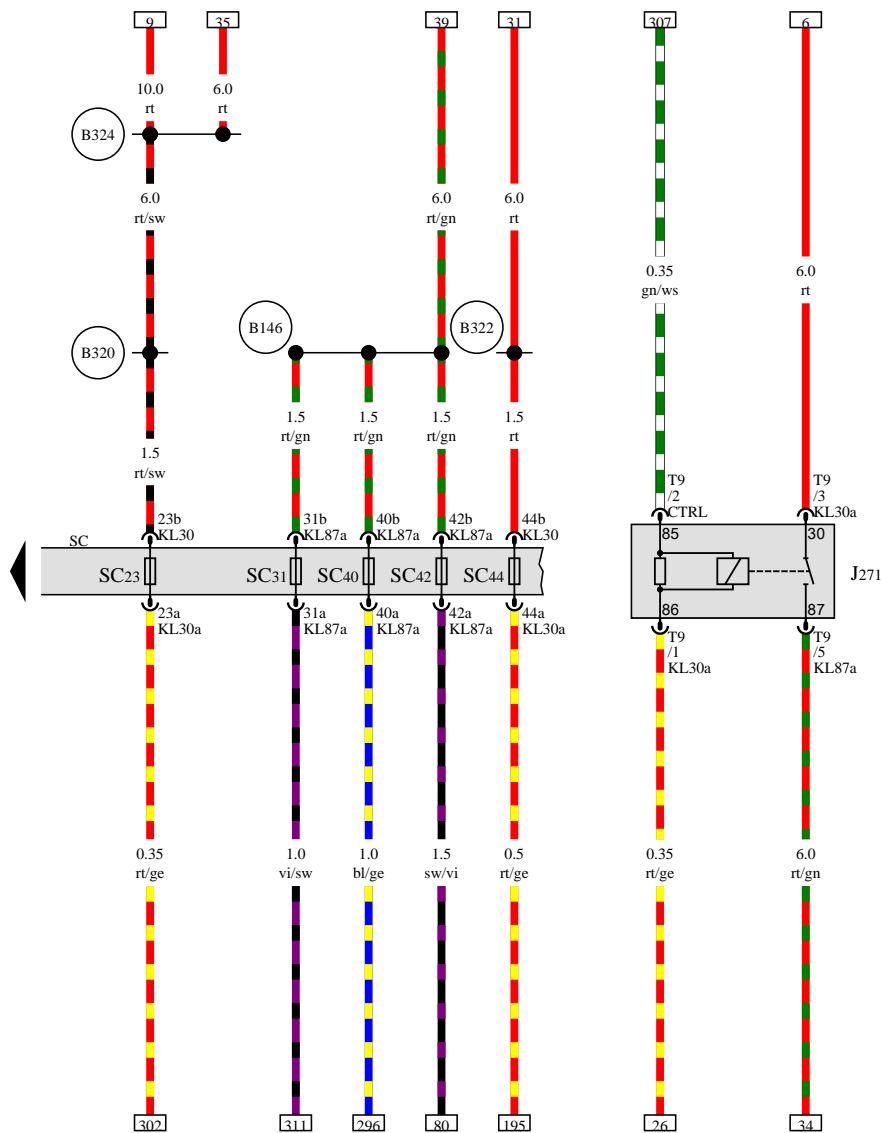


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuse holder C

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
 SC7 Fuse 7 on fuse holder C
 SC8 Fuse 8 on fuse holder C
 SC18 Fuse 18 on fuse holder C
 SC26 Fuse 26 on fuse holder C

A2 Positive connection (15), in dash panel wiring harness
 A104 Positive connection 2 (15), in dash panel wiring harness
 A139 Connection 3 (15) in dash panel wiring harness
 B280 Positive connection 4 (15a) in main wiring harness
 B315 Positive connection 1 (30a) in main wiring harness
 B323 Positive connection 9 (30a) in main wiring harness
 B325 Positive connection 11 (30a) in main wiring harness

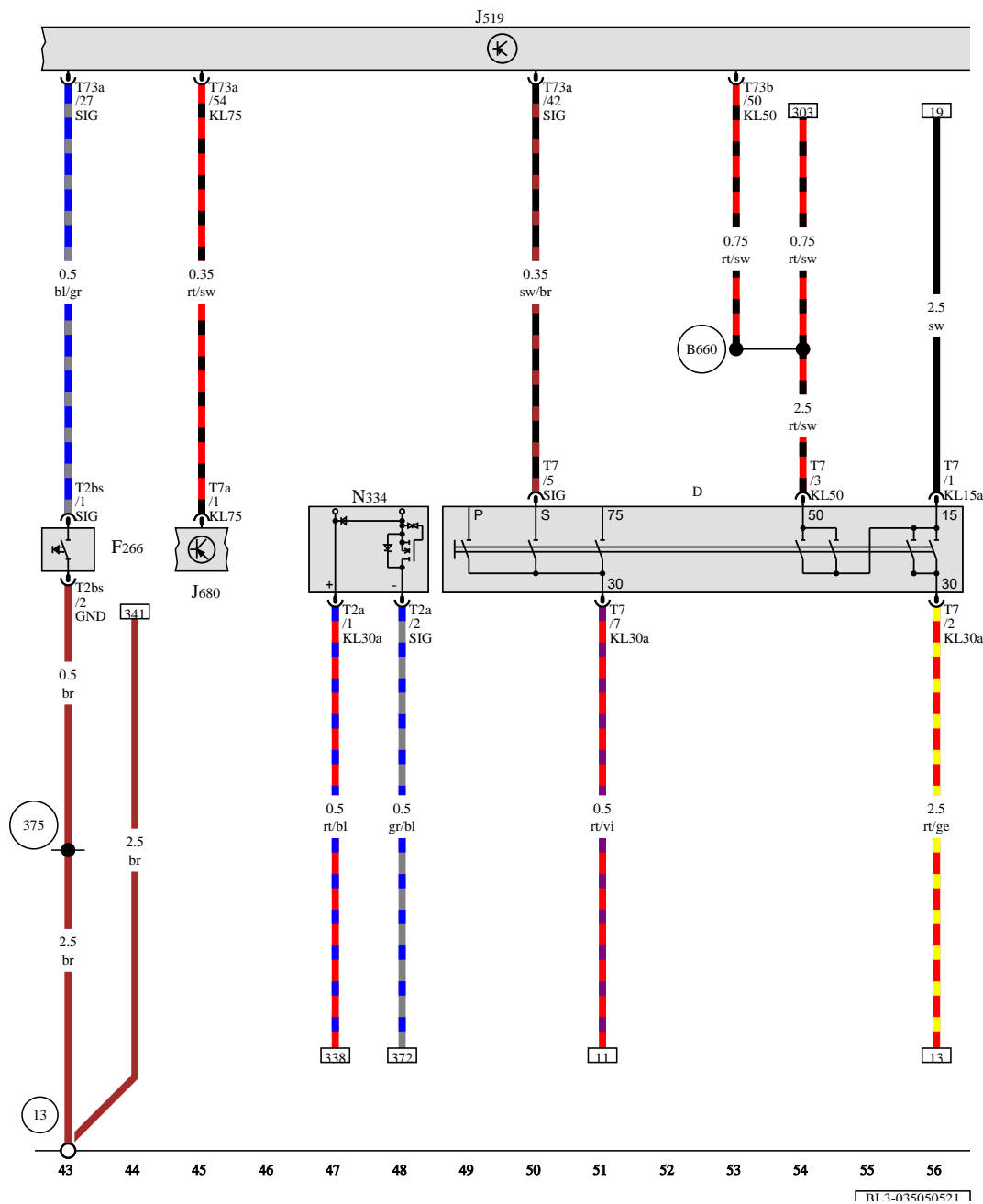


Main relay, Fuse holder C

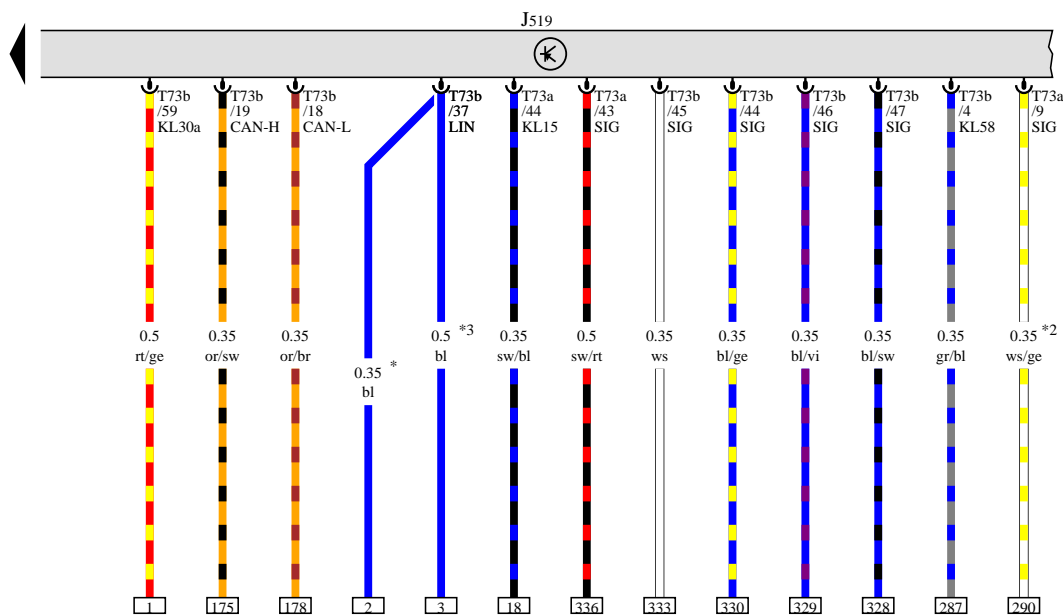
- J271 Main relay
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T9 9-pin connector, black

- B146 Positive connection 1 (87), in interior wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness

Ignition/starter switch, Bonnet contact switch, Onboard supply control unit, Ignition key withdrawal lock solenoid valve



- D Ignition/starter switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- N334 Ignition key withdrawal lock solenoid valve
- T2a 2-pin connector, black
- T2bs 2-pin connector, black
- T7 7-pin connector, black
- T7a 7-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, colourless
- 13 Earth point, on right in engine compartment
- 375 Earth connection 10, in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



Onboard supply control unit

J519 Onboard supply control unit

T73a 73-pin connector, black

T73b 73-pin connector, colourless

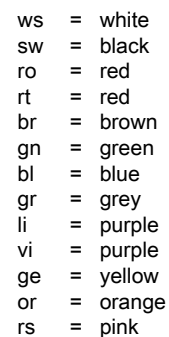
* Up to November 2020

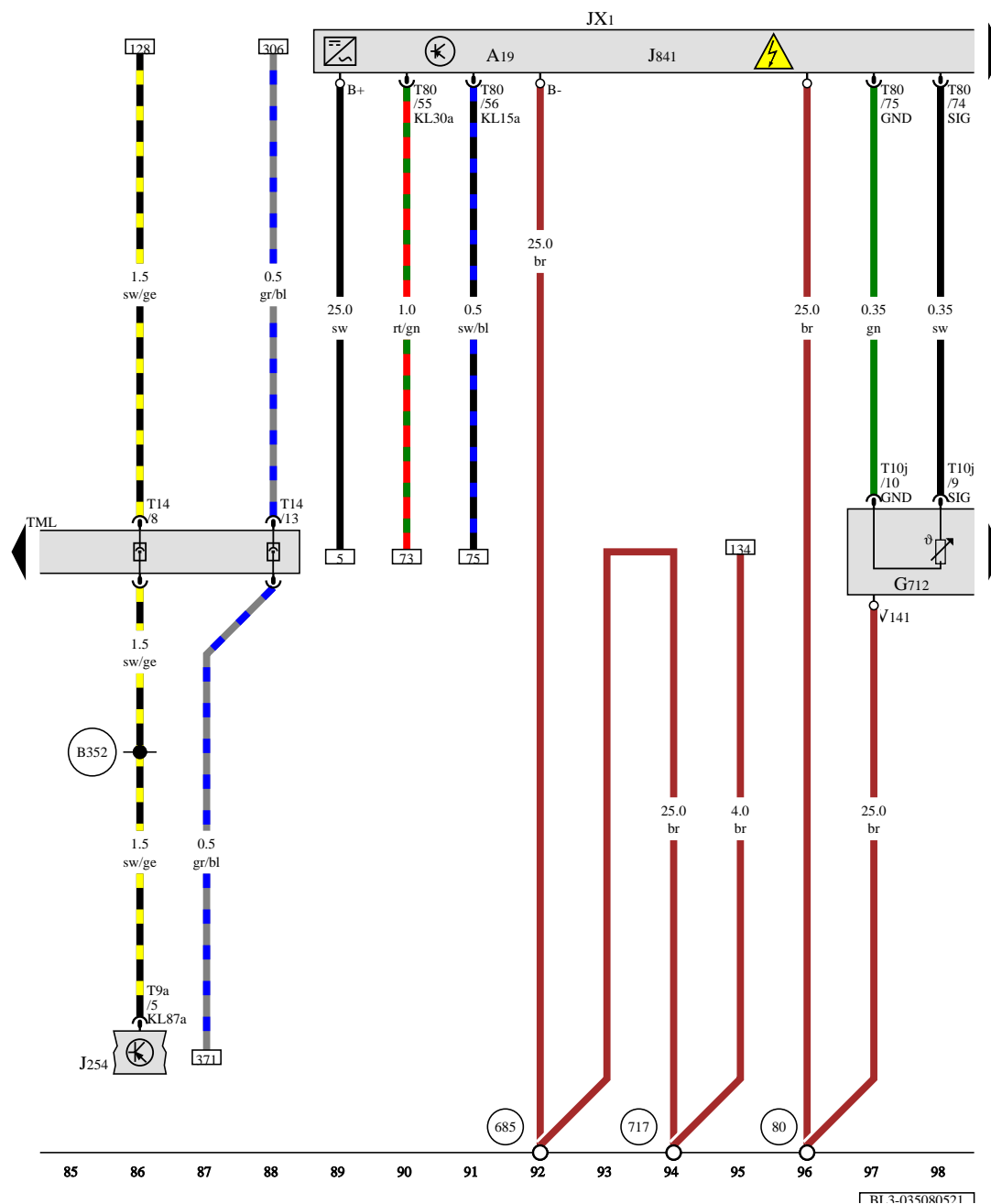
*2 Optional equipment

*3 From November 2020

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

T14	14-pin connector, black
TML	Coupling point in engine compartment, left
B135	Connection 1 (15a), in interior wiring harness





Power and control electronics for electric drive, Electric drive control unit, Coupling point in engine compartment, left, Electric drive motor

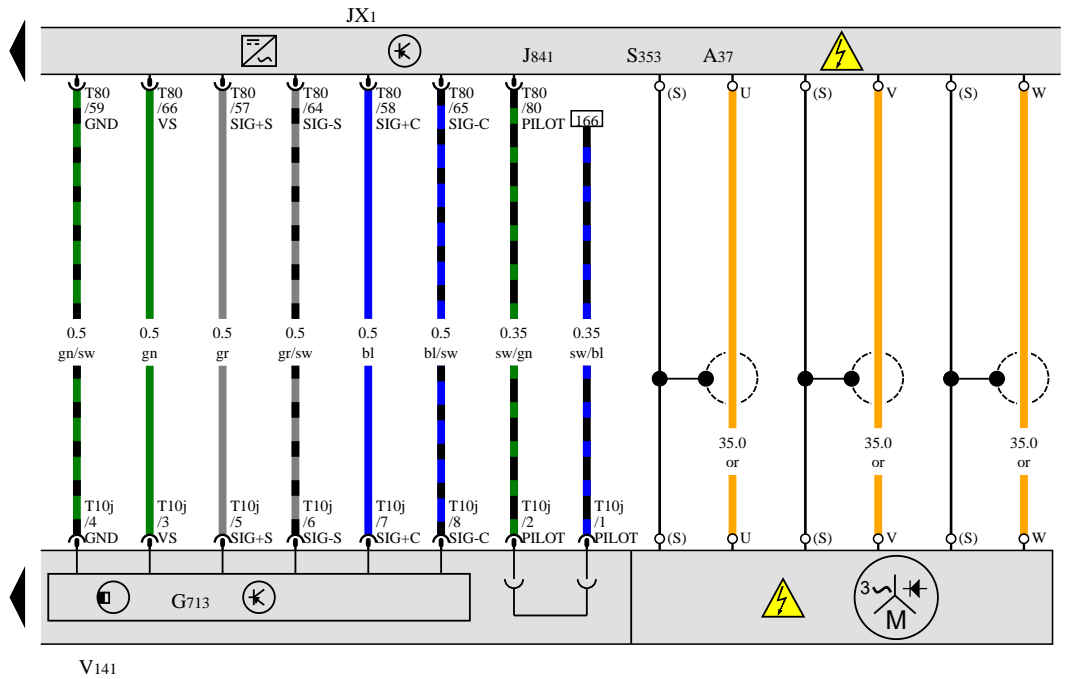
- A19 Voltage converter
- G712 Drive motor temperature sender
- JX1 Power and control electronics for electric drive
- J254 Climatronic relay
- J841 Electric drive control unit
- T9a 9-pin connector, black
- T10j 10-pin connector, black
- T14 14-pin connector, black
- T80 80-pin connector, black
- TML Coupling point in engine compartment, left
- V141 Electric drive motor

- 80 Earth point, on centre of front cross member
- 685 Earth point 1, on front of right longitudinal member
- 717 Earth point on front right of cross member
- B352 Positive connection 3 (87a) in main wiring harness

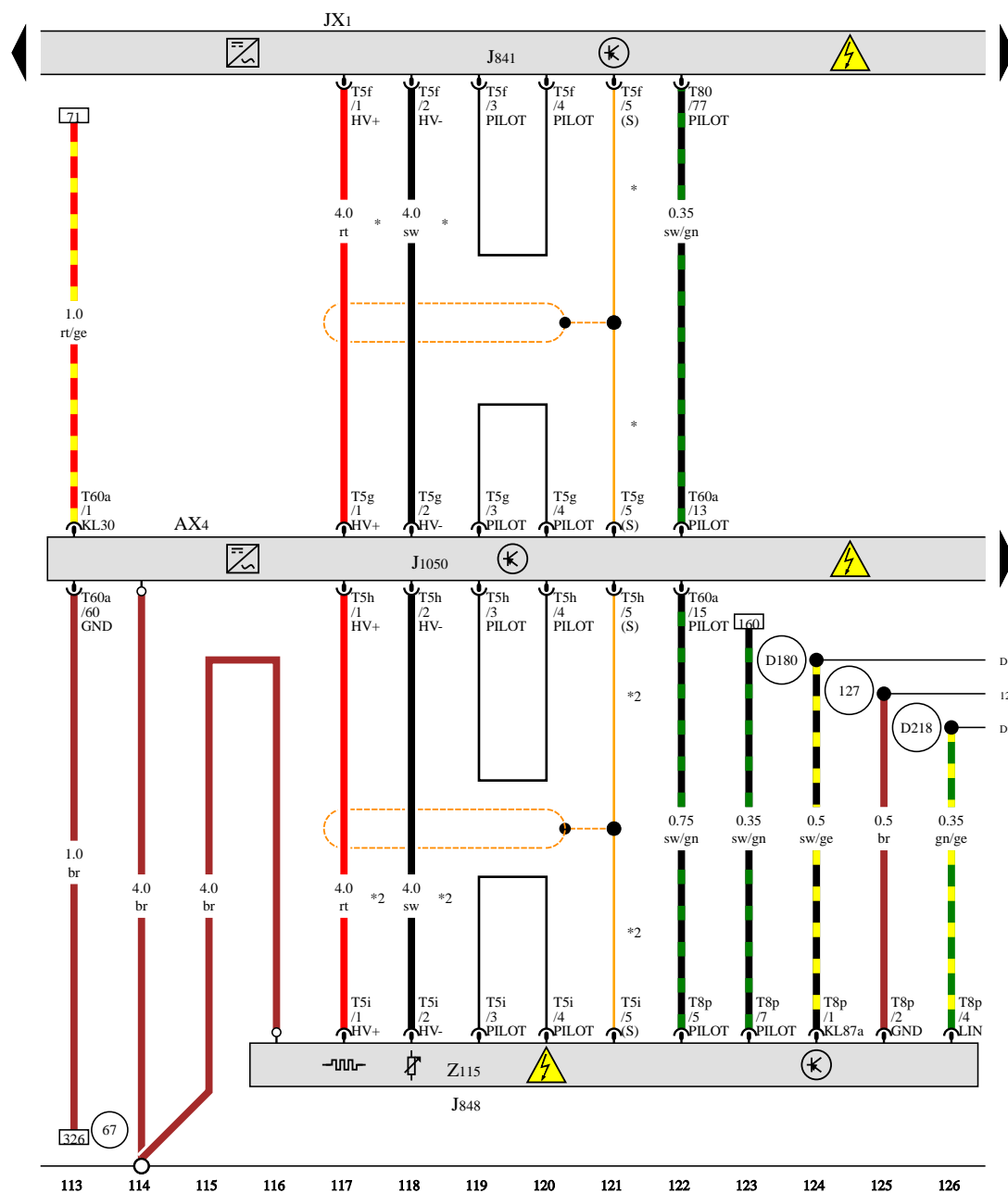
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Power and control electronics for electric drive, Electric drive control unit, Electric drive motor

- A37 DC/AC converter for drive motor
- G713 Drive motor rotor position sender 1
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- S353 High-voltage system fuse 3
- T10j 10-pin connector, black
- T80 80-pin connector, black
- V141 Electric drive motor



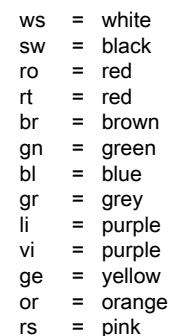
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



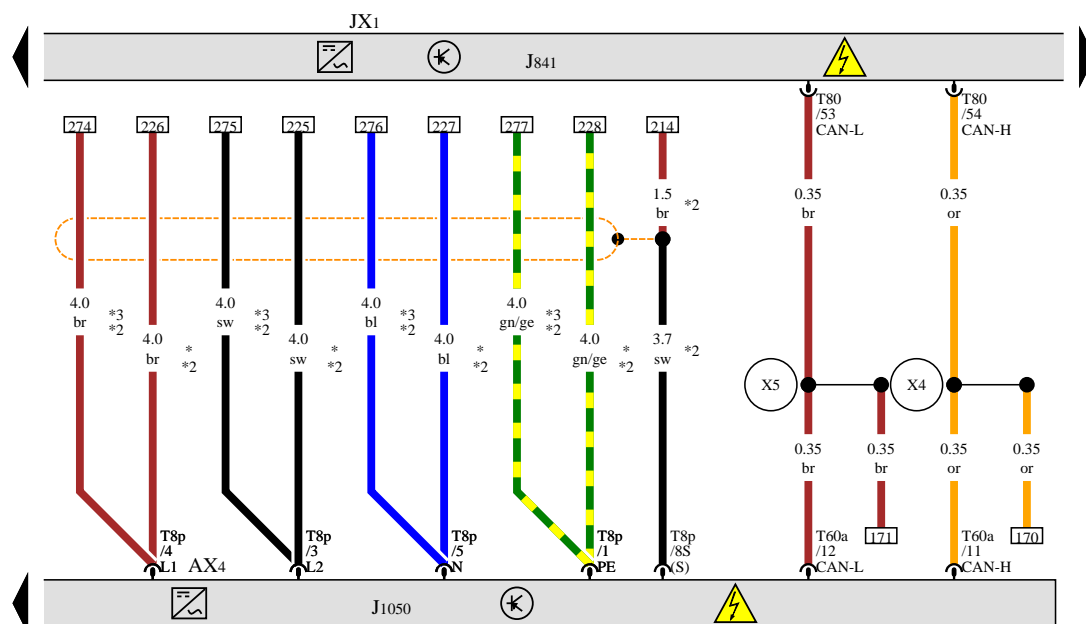
Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T5f 5-pin connector, orange
- T5g 5-pin connector, orange
- T5h 5-pin connector, orange
- T5i 5-pin connector, orange
- T8p 8-pin connector, black
- T60a 60-pin connector, black
- T80 80-pin connector, black
- Z115 High-voltage heater (PTC)
- 67 Earth point, on left of front cross member
- 127 Earth connection 1, in air conditioner compressor wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * High-voltage wire for charging unit 1/wiring junction (P12)
- *2 High-voltage wire for high-voltage heater (PTC) (P11)

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



127	Earth connection 1, in air conditioner compressor wiring harness
D180	Connection (87a), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	High-voltage wire for electrical air conditioner compressor (P3)



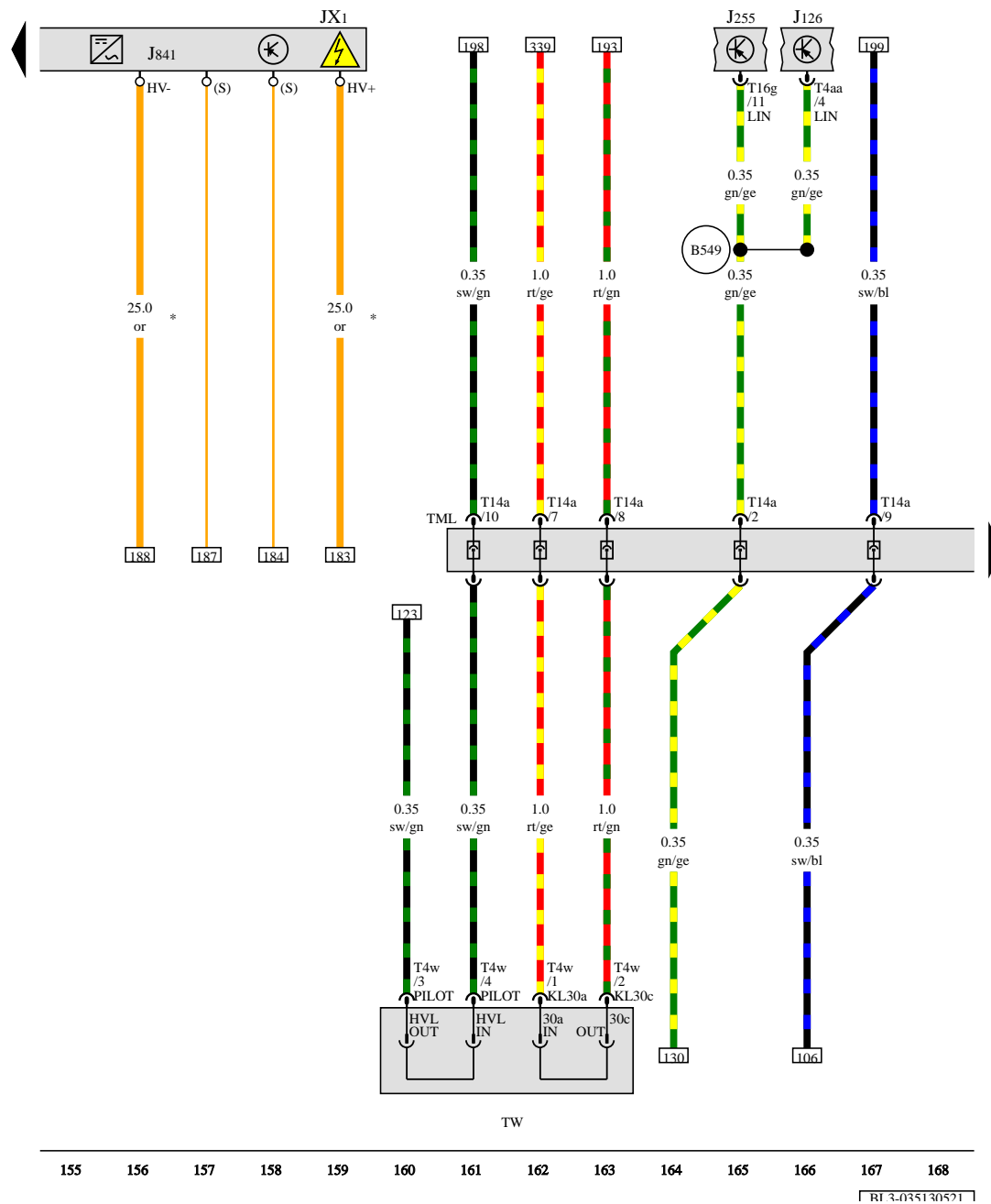
Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, Control unit for high-voltage battery charging unit

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- J1050 Control unit for high-voltage battery charging unit
- T8p 8-pin connector, orange
- T60a 60-pin connector, black
- T80 80-pin connector, black
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * For models with AC/DC charging socket
- *2 High-voltage wire 1 for high-voltage charge current distributor/ high-voltage charging socket (P18)
- *3 For models with AC charging socket

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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

RI 3.035120521



Power and control electronics for electric drive, Electric drive control unit, Coupling point in engine compartment, left, Maintenance connector for high-voltage system

- JX1 Power and control electronics for electric drive
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- J841 Electric drive control unit
- T4aa 4-pin connector, black
- T4w 4-pin connector, green
- T14a 14-pin connector, brown
- T16g 16-pin connector, black
- TML Coupling point in engine compartment, left
- TW Maintenance connector for high-voltage system

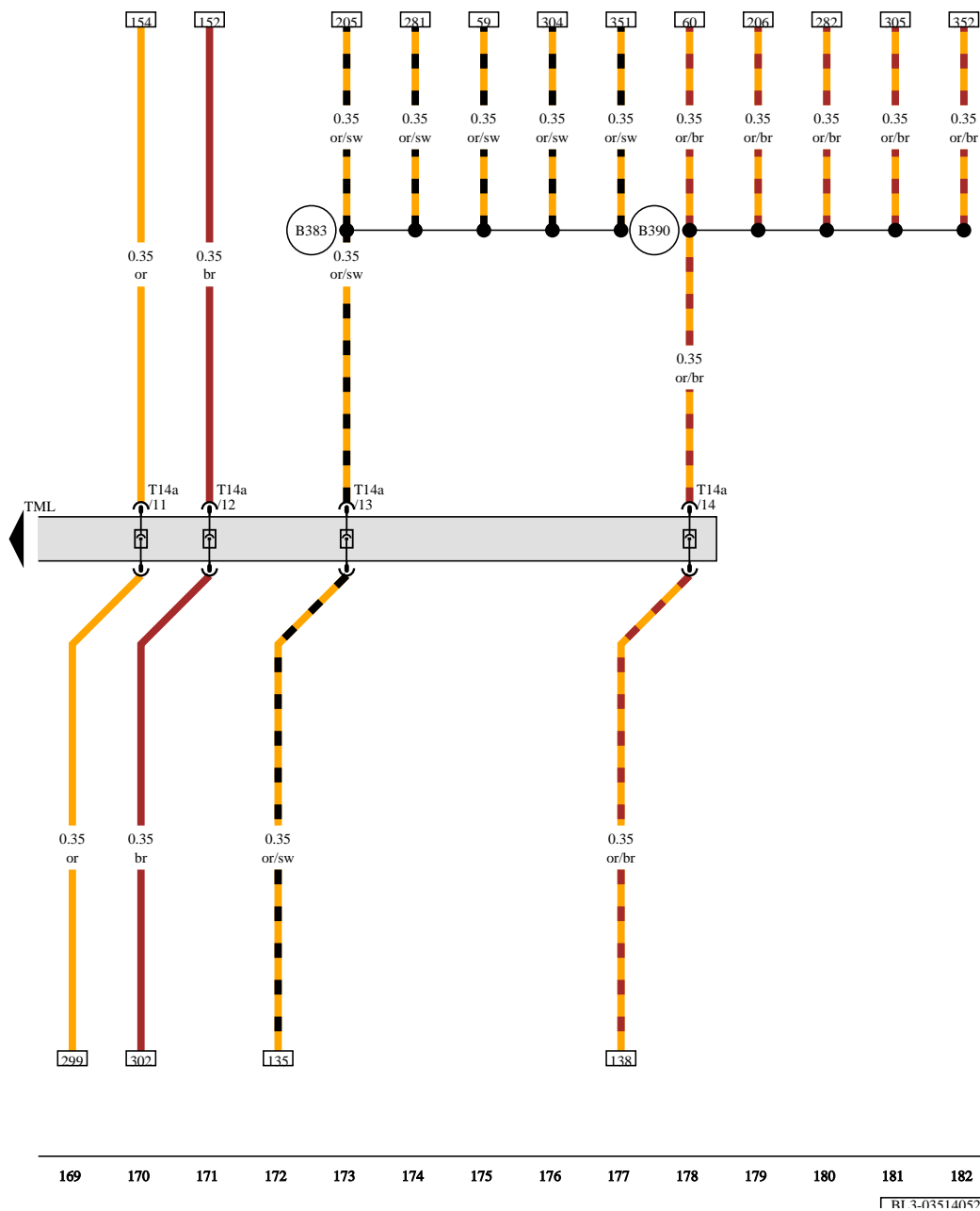
B549 Connection 2 (LIN bus) in main wiring harness

* High-voltage wiring harness for high-voltage battery (PX1)

- 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

Coupling point in engine compartment, left

- T14a 14-pin connector, brown
 TML Coupling point in engine compartment, left
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
 B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

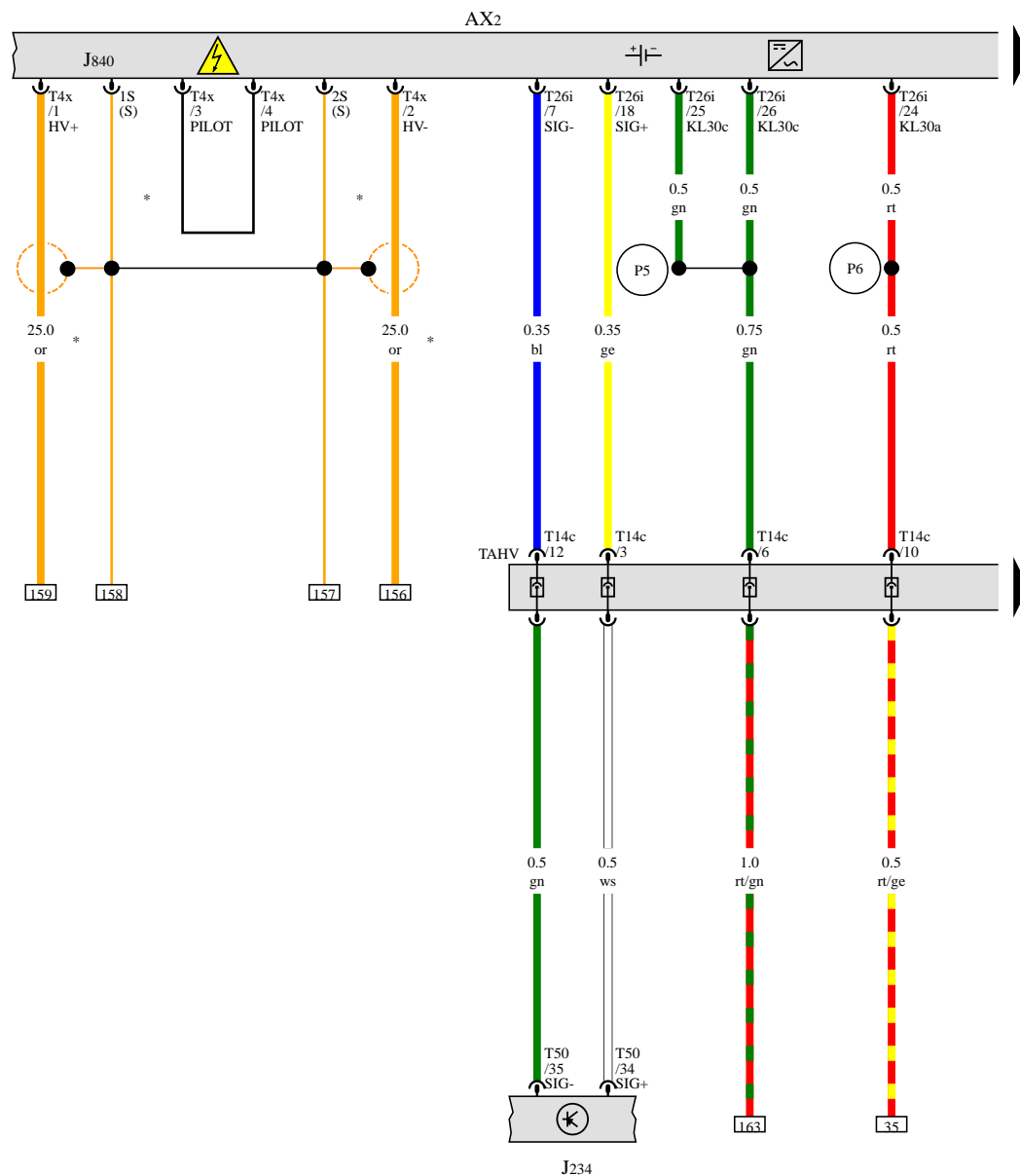


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

High-voltage battery 1, Battery regulation control unit

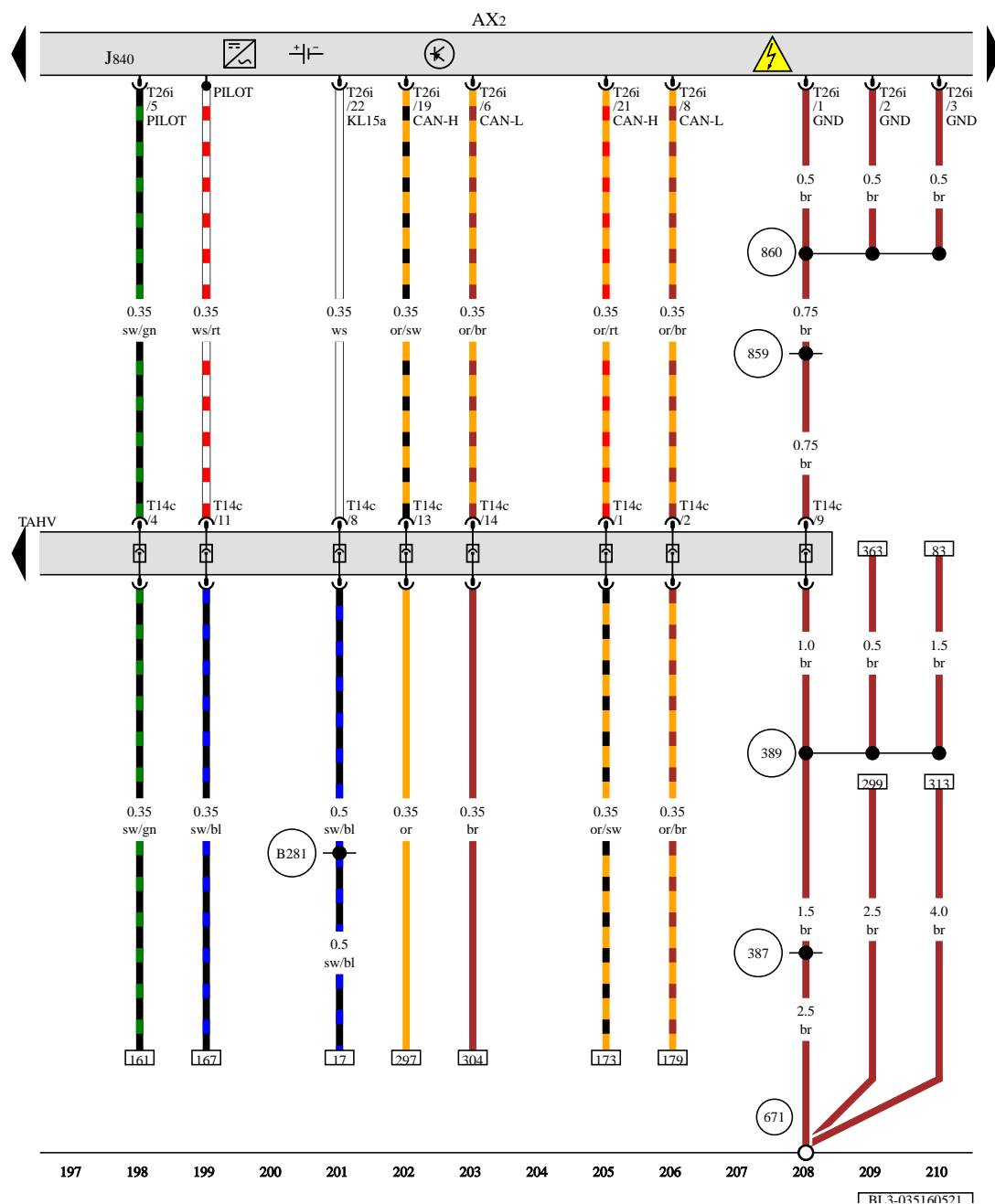
- AX2 High-voltage battery 1
- J234 Airbag control unit
- J840 Battery regulation control unit
- T4x 4-pin connector, black
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T50 50-pin connector, yellow
- TAHV Coupling point on high-voltage battery

- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery wiring harness
- * High-voltage wiring harness for high-voltage battery (PX1)



183 184 185 186 187 188 189 190 191 192 193 194 195 196

RI 3.035150521

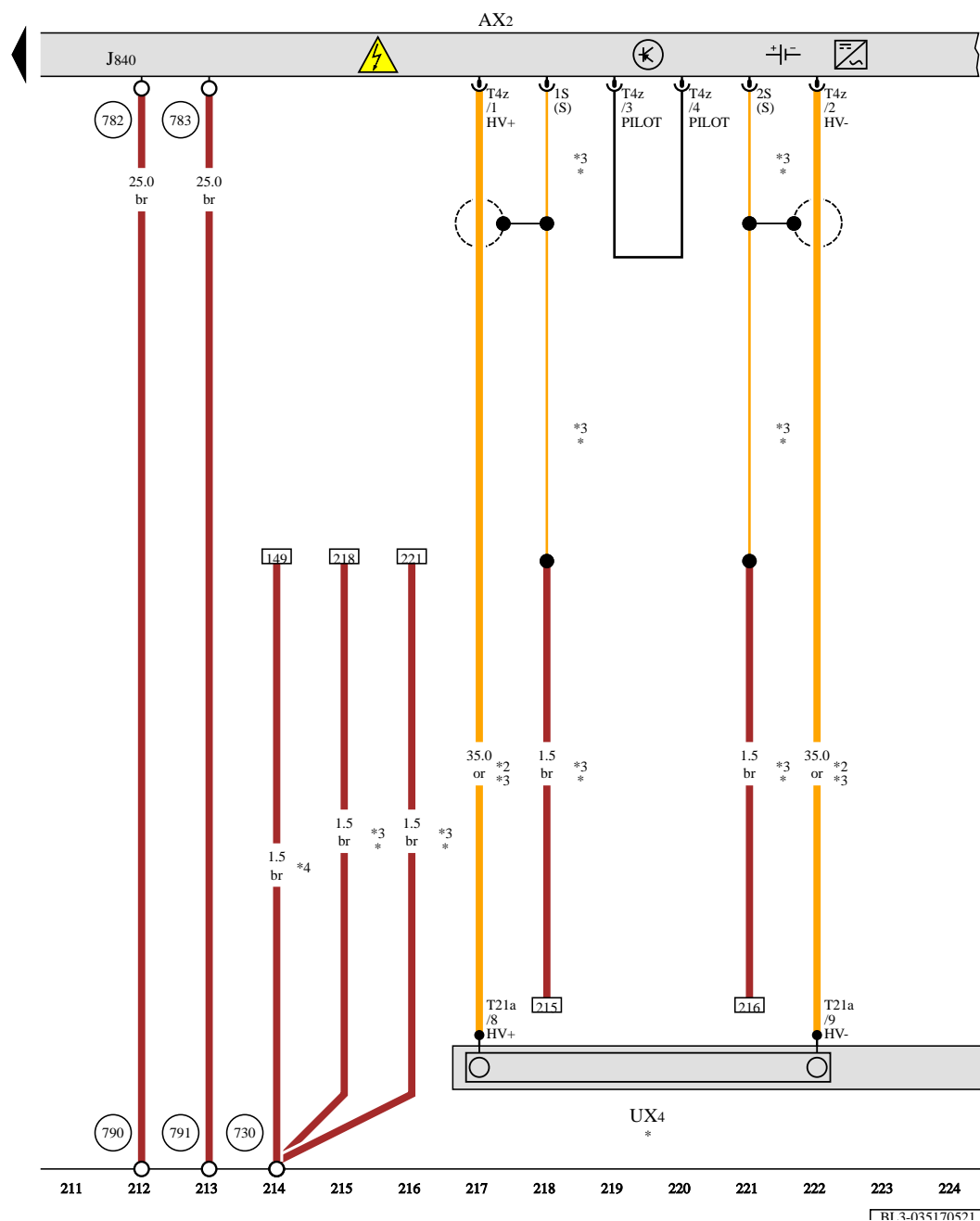


High-voltage battery 1, Battery regulation control unit

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- TAHV Coupling point on high-voltage battery

- 387 Earth connection 22, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 859 Earth connection 1, in high-voltage battery wiring harness
- 860 Earth connection 2, in high-voltage battery wiring harness
- B281 Positive connection 5 (15a) 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



High-voltage battery 1, Battery regulation control unit, High-voltage battery charging socket 1

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- T4z 4-pin connector, black
- T21a 21-pin connector
- UX4 High-voltage battery charging socket 1

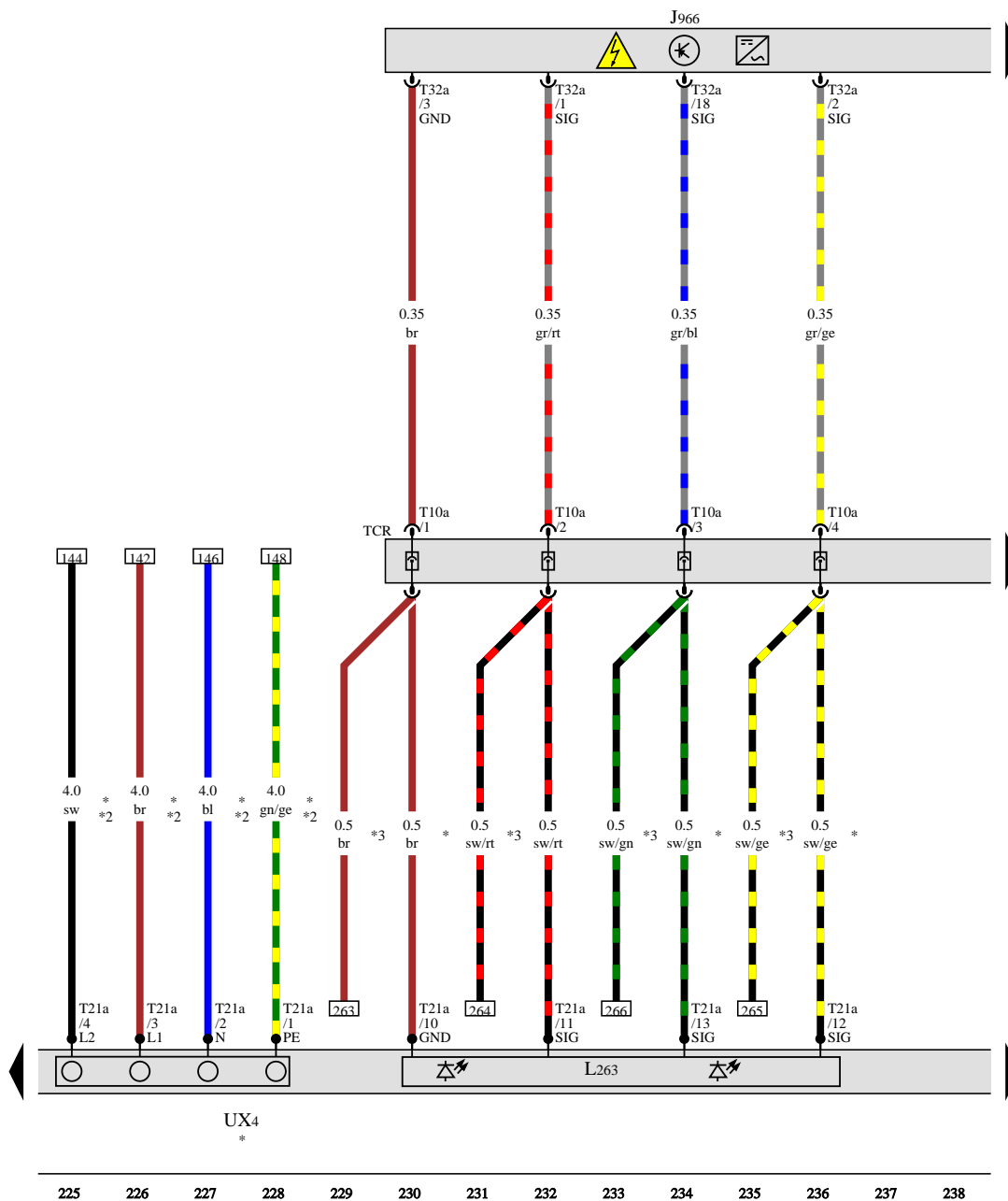
- 730 Earth point 1, on right rear wheel housing
- 782 Earth point 1, on high-voltage battery
- 783 Earth point 2, on high-voltage battery
- 790 Earth point on front left of underbody
- 791 Earth point, on rear right of underbody

- * For models with AC/DC charging socket
- *2 For models with combined AC and DC charging system
- *3 High-voltage wire for high-voltage battery charging (P52)
- *4 High-voltage wire 1 for high-voltage charge current distributor/
high-voltage charging socket (P18)

- 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

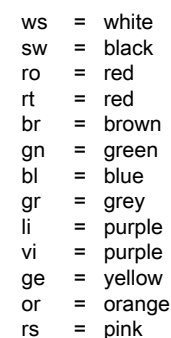
Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- J966 Charge voltage control unit for high-voltage battery
- L263 LED module for charging socket 1
- T10a 10-pin connector, black
- T21a 21-pin connector
- T32a 32-pin connector, grey
- TCR Coupling point on right C-pillar
- UX4 High-voltage battery charging socket 1
- * For models with AC/DC charging socket
- *2 High-voltage wire 1 for high-voltage charge distributor/ high-voltage charging socket (P18)
- *3 For models with AC charging socket



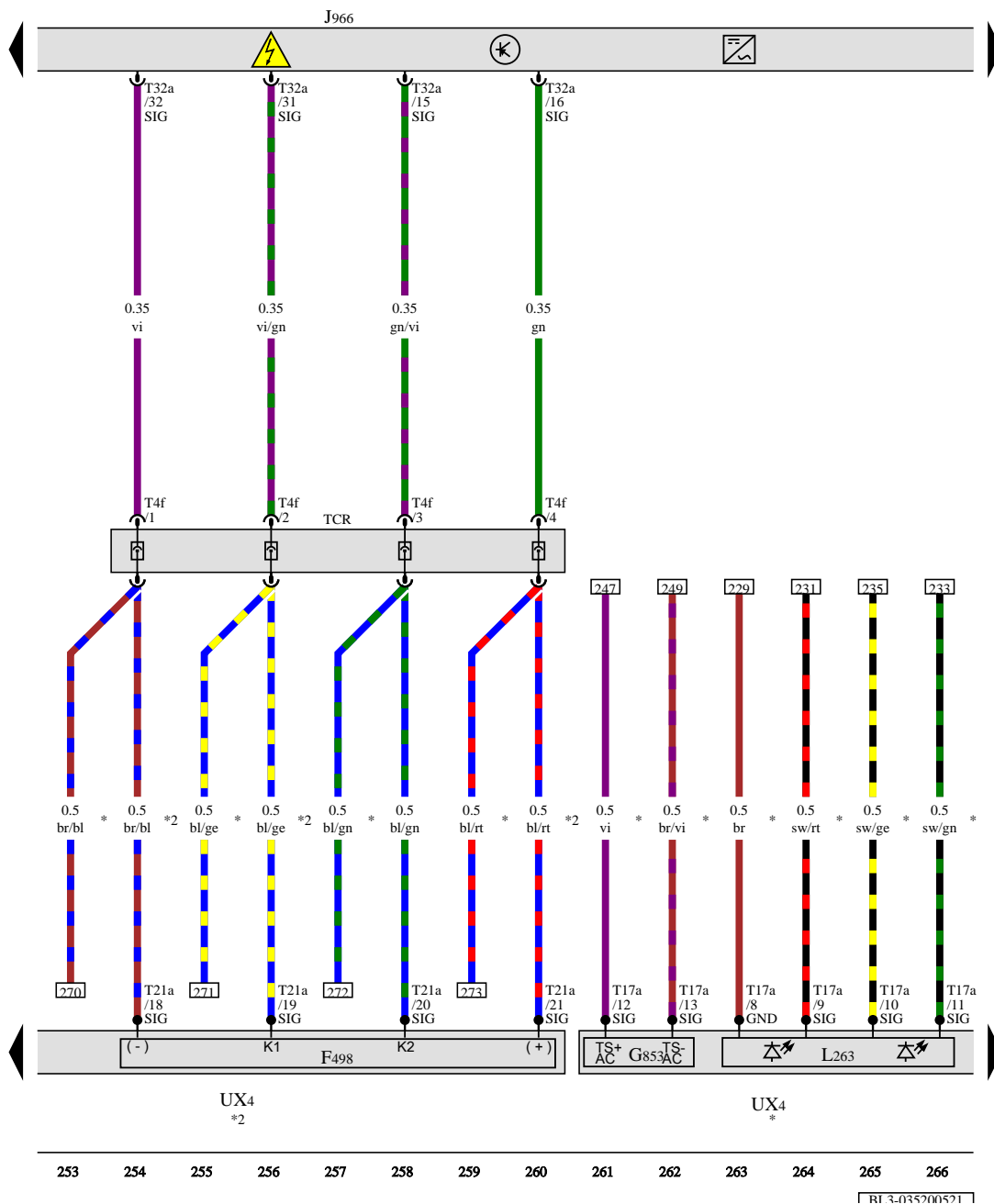
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

G853	Temperature sender for charging socket 1
J966	Charge voltage control unit for high-voltage battery
T10a	10-pin connector, black
T21a	21-pin connector
T32a	32-pin connector, grey
T32b	32-pin connector, grey
TCR	Coupling point on right C-pillar
UX4	High-voltage battery charging socket 1
*	For models with AC/DC charging socket
*2	For models with combined AC and DC charging system
*3	For models with AC charging socket

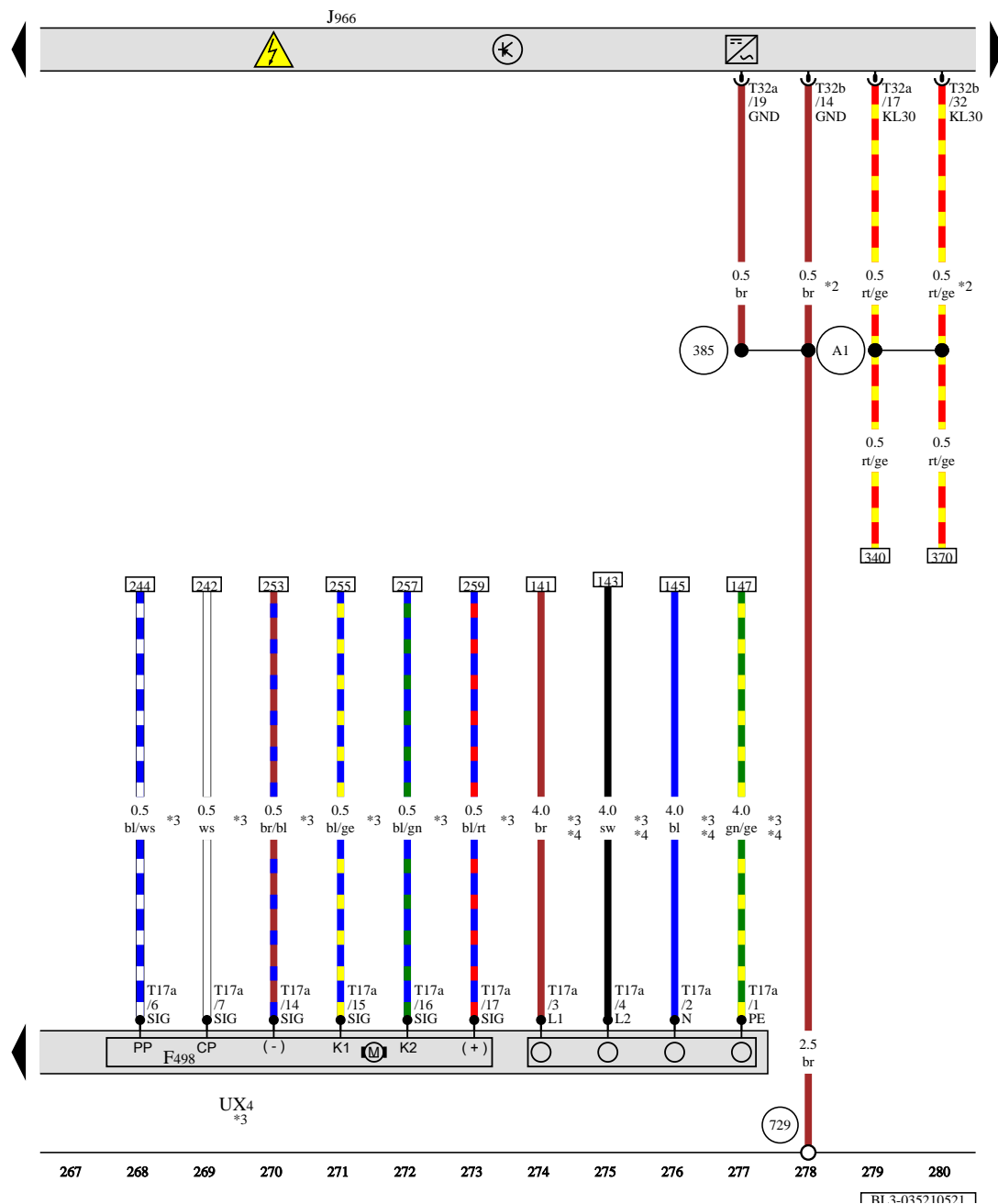


Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

- F498 Actuator for high-voltage charging socket lock 1
- G853 Temperature sender for charging socket 1
- J966 Charge voltage control unit for high-voltage battery
- L263 LED module for charging socket 1
- T4f 4-pin connector, black
- T17a 17-pin connector
- T21a 21-pin connector
- T32a 32-pin connector, grey
- TCR Coupling point on right C-pillar
- UX4 High-voltage battery charging socket 1
- * For models with AC charging socket
- *2 For models with AC/DC charging socket



- 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



Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1

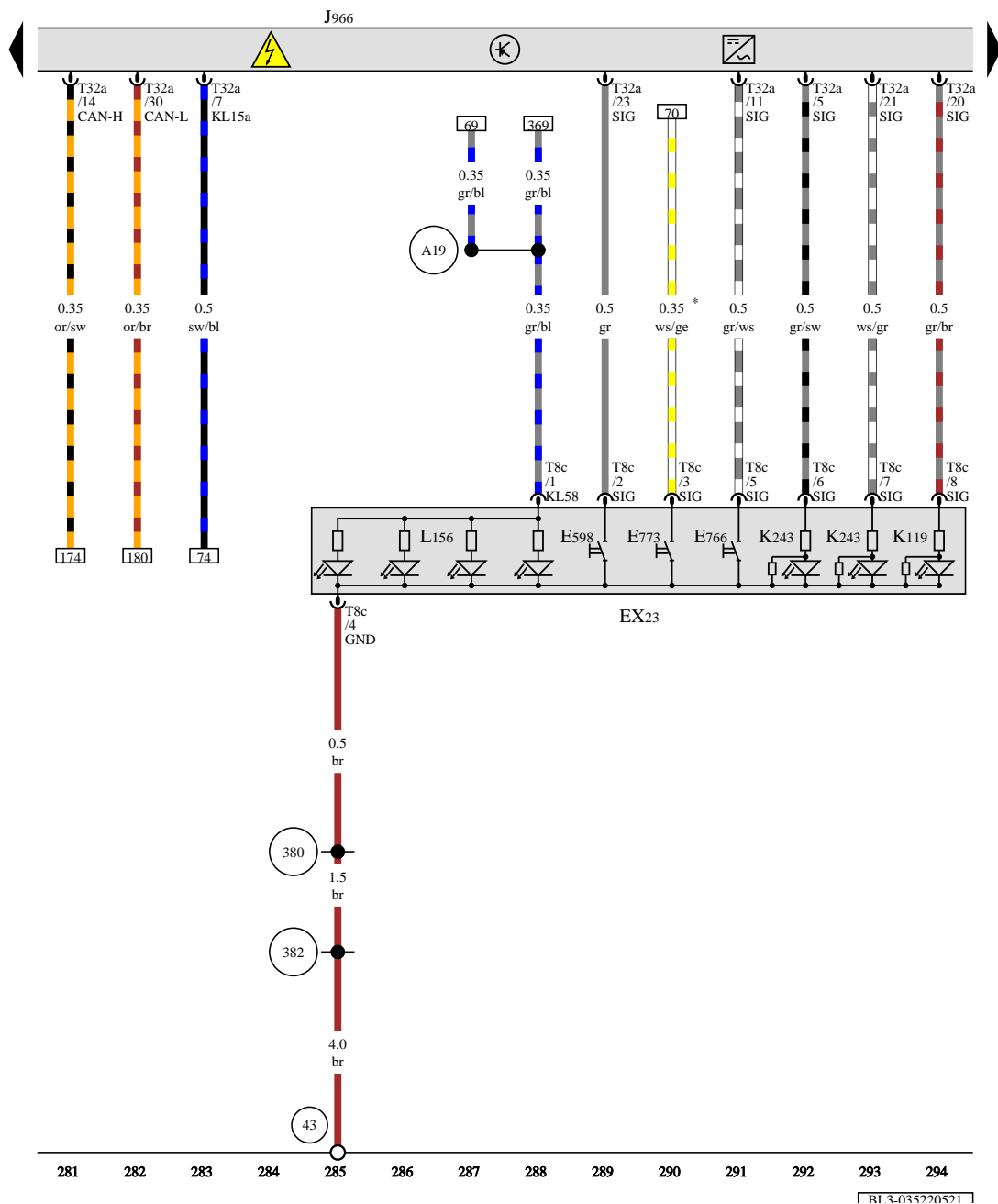
- F498 Actuator for high-voltage charging socket lock 1
- J966 Charge voltage control unit for high-voltage battery
- T17a 17-pin connector
- T32a 32-pin connector, grey
- T32b 32-pin connector, grey
- UX4 High-voltage battery charging socket 1

385 Earth connection 20, in main wiring harness

729 Earth point, on left rear wheel housing

A1 Positive connection (30a), in dash panel wiring harness

- * High-voltage wiring harness for high-voltage battery (PX1)
- *2 For models with combined AC and DC charging system
- *3 For models with AC charging socket
- *4 High-voltage wire 1 for high-voltage charge current distributor/high-voltage charging socket (P18)



Switch module 1 in centre console, Charge voltage control unit for high-voltage battery

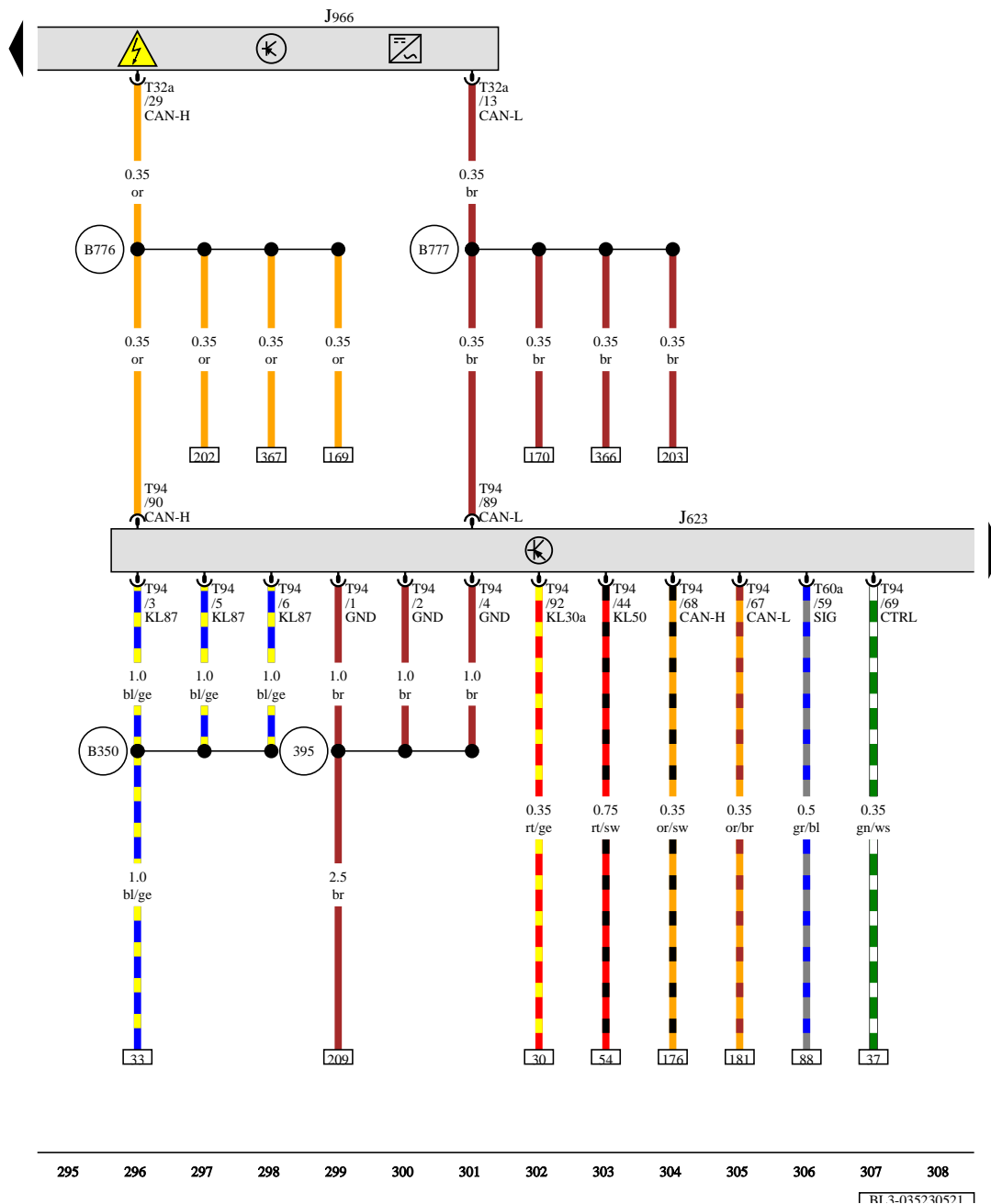
- EX23 Switch module 1 in centre console
- E598 Driving program button
- E766 Immediate charge button
- E773 Button for emergency braking function
- J966 Charge voltage control unit for high-voltage battery
- K119 Charge air monitor warning lamp
- K243 Driving program warning light
- L156 Switch illumination bulb
- T8c 8-pin connector, black
- T32a 32-pin connector, grey

- 43 Earth point, lower part of right A-pillar
- 380 Earth connection 15, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- A19 Connection (58d), in dash panel wiring harness
- * Optional equipment

Engine/motor control unit, Charge voltage control unit for high-voltage battery

J623 Engine/motor control unit
J966 Charge voltage control unit for high-voltage battery
T32a 32-pin connector, grey
T60a 60-pin connector, black
T94 94-pin connector, black

- 395 Earth connection 30, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness
- * High-voltage wiring harness for high-voltage battery (PX1)



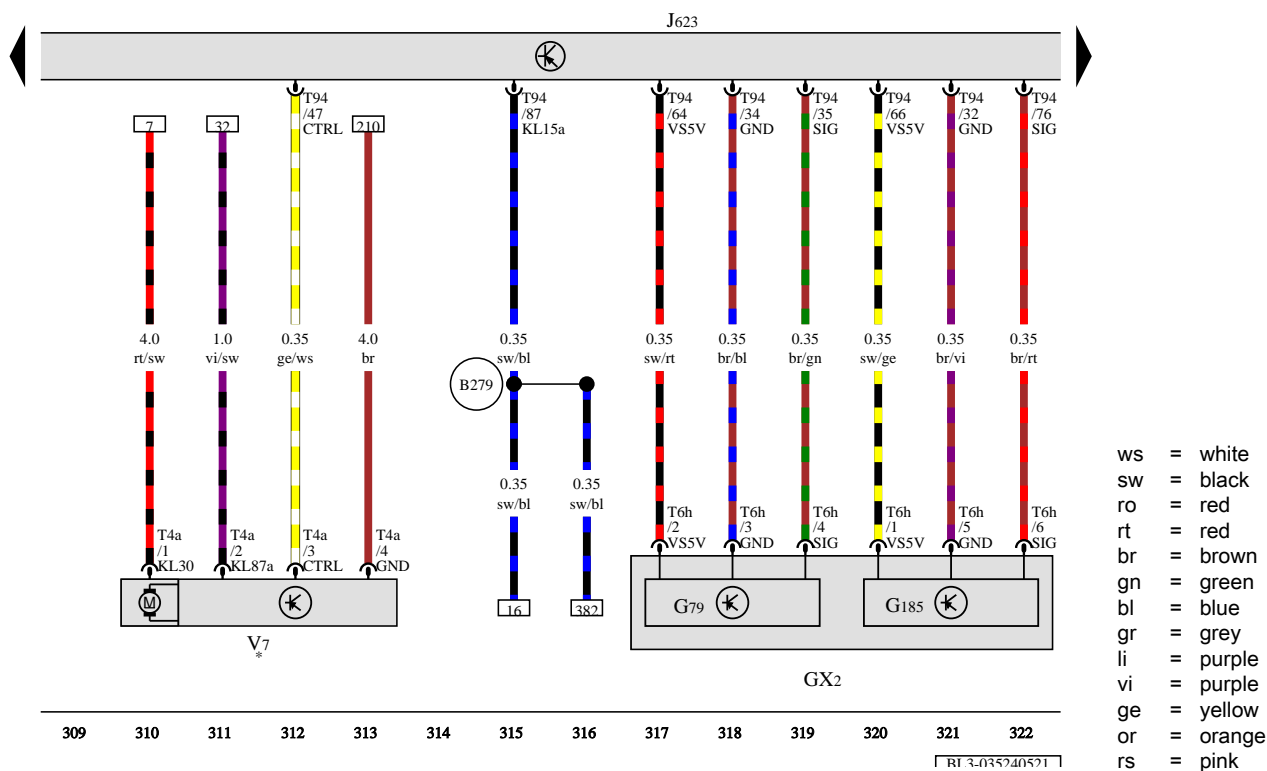
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Accelerator pedal module, Engine/motor control unit,
Radiator fan

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4a 4-pin connector, black
- T6h 6-pin connector, black
- T94 94-pin connector, black
- V7 Radiator fan

B279 Positive connection 3 (15a) in main wiring harness

* Pre-wired component

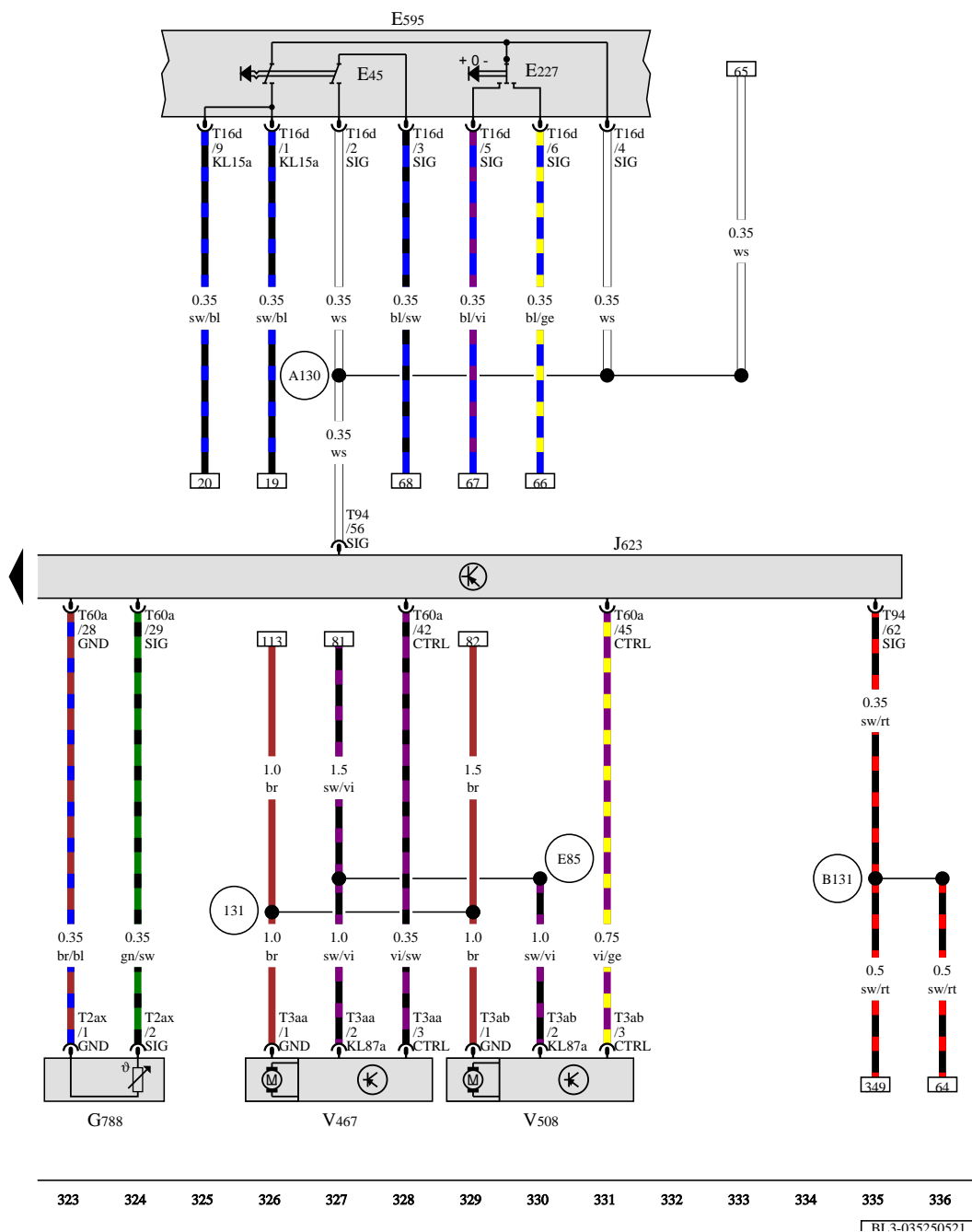


Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Temperature sender after electric drive motor, Engine/motor control unit, Coolant pump for high-temperature circuit, Coolant circulation pump before power and control electronics for electric drive

- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E595 Steering column combination switch
- G788 Temperature sender after electric drive motor
- J623 Engine/motor control unit
- T2ax 2-pin connector, black
- T3aa 3-pin connector, black
- T3ab 3-pin connector, black
- T16d 16-pin connector, black
- T60a 60-pin connector, black
- T94 94-pin connector, black
- V467 Coolant pump for high-temperature circuit
- V508 Coolant circulation pump before power and control electronics for electric drive

- 131 Earth connection 2, in engine compartment wiring harness
- A130 Connection (CCS), in dash panel wiring harness
- B131 Connection (54), in interior wiring harness
- E85 Connection 9 (87a) in engine wiring harness

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

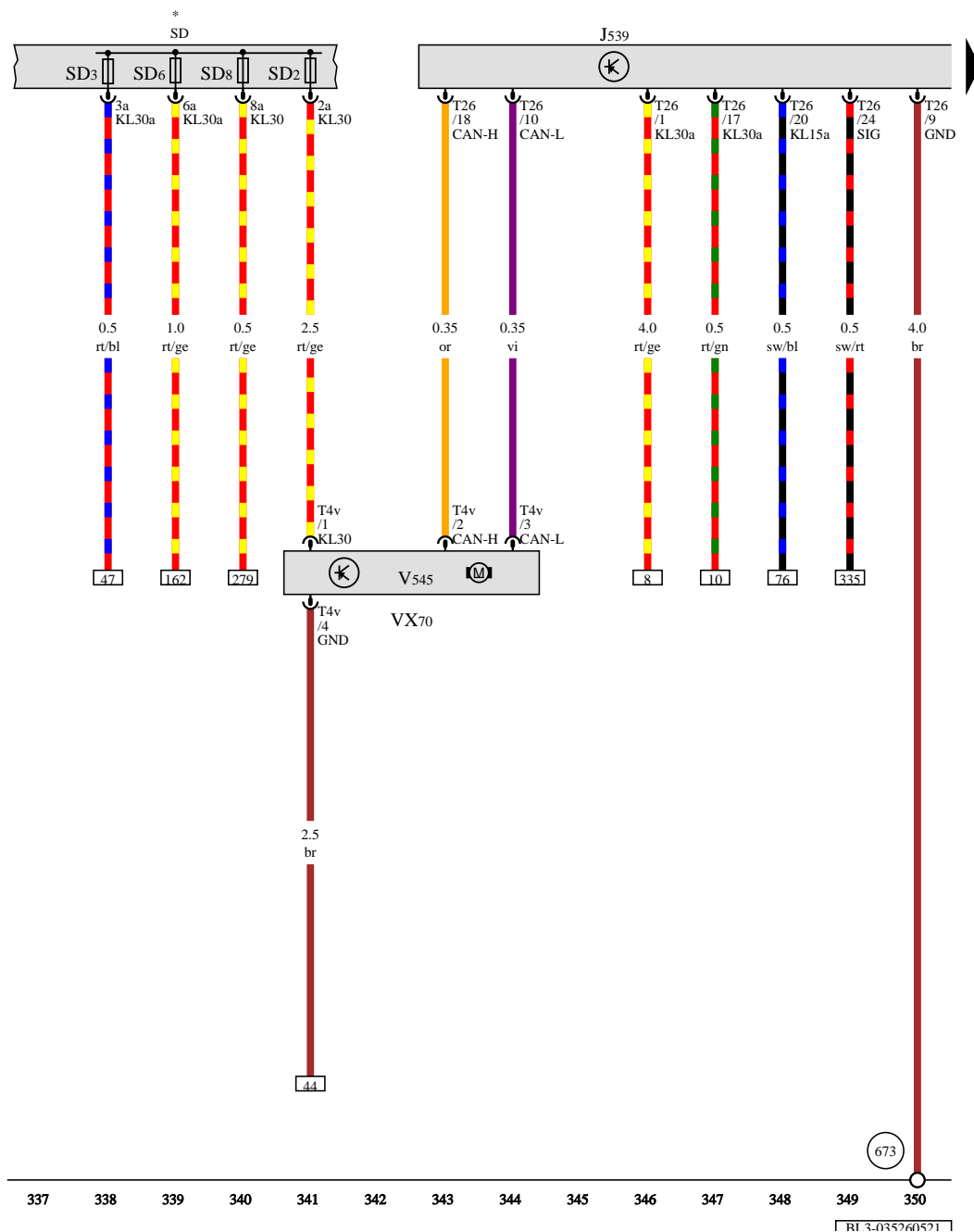


Brake servo control unit, Brake system pressure accumulator

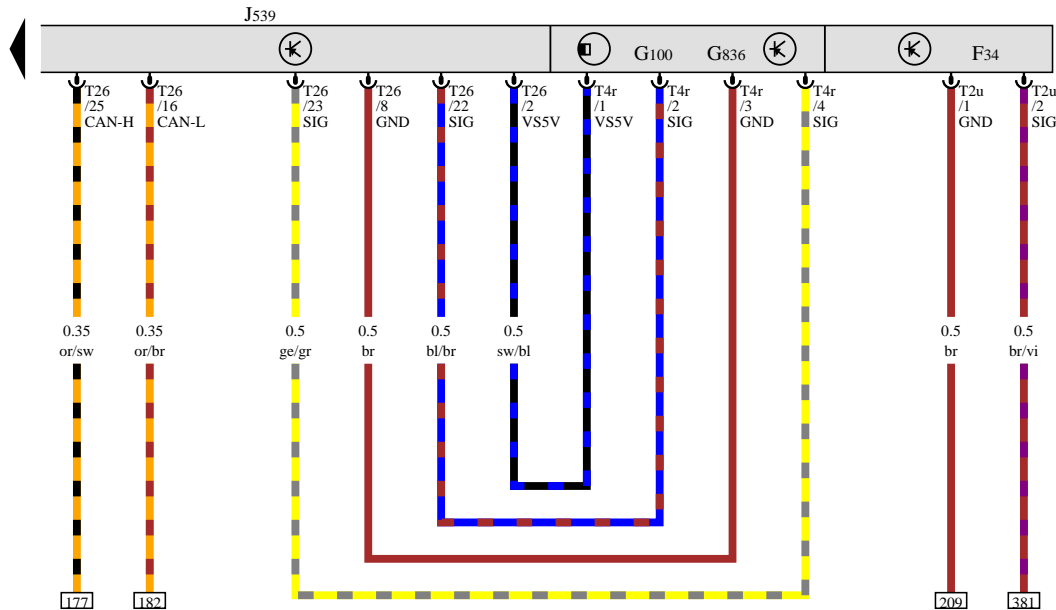
- J539 Brake servo control unit
- SD Fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- SD8 Fuse 8 on fuse holder D
- T4v 4-pin connector, black
- T26 26-pin connector, black
- VX70 Brake system pressure accumulator
- V545 Motor in brake pressure accumulator for energy recovery

673 Earth point 3, on front of left longitudinal member

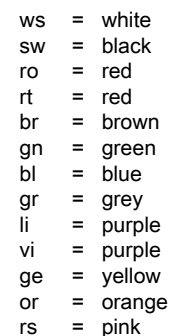
* see applicable current flow diagram for fuse assignment



Brake fluid level warning contact, Brake pedal position sender, Brake servo control unit



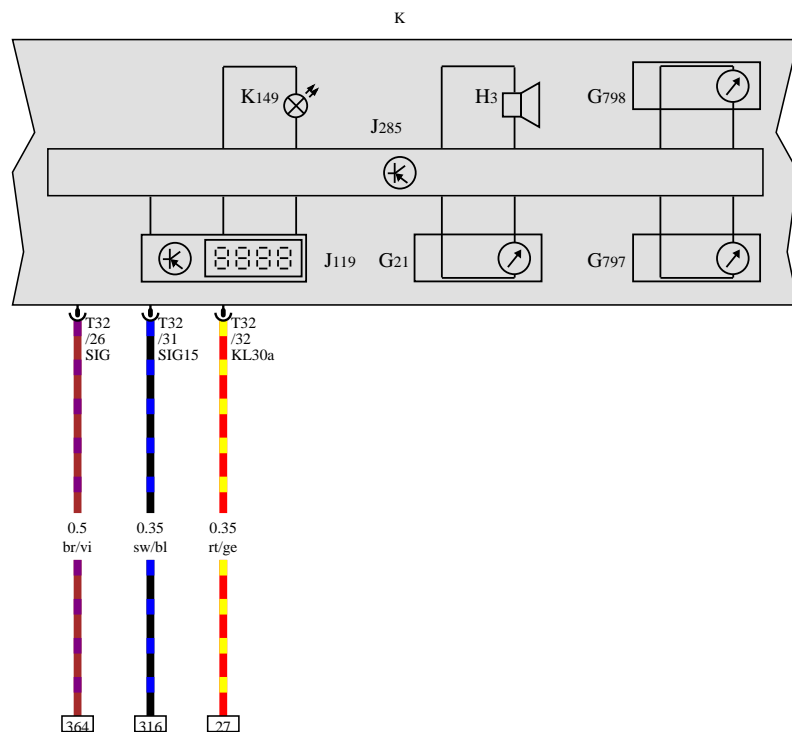
- F34 Brake fluid level warning contact
- G100 Brake pedal position sender
- G836 Brake pedal position sender 2
- J539 Brake servo control unit
- T2u 2-pin connector, black
- T4r 4-pin connector, black
- T26 26-pin connector, black



E313	Selector lever
T10d	10-pin connector, red
Y6	Selector lever position display
44	Earth point, lower part of left A-pillar
366	Earth connection 1, in main wiring harness
379	Earth connection 14, in main wiring harness
384	Earth connection 19, in main wiring harness
B454	Connection (shift lock), in main wiring harness
*	Pre-wired component

Speedometer, Charge level display, Operating range display, Multifunction indicator, Control unit in dash panel insert, Dash panel insert

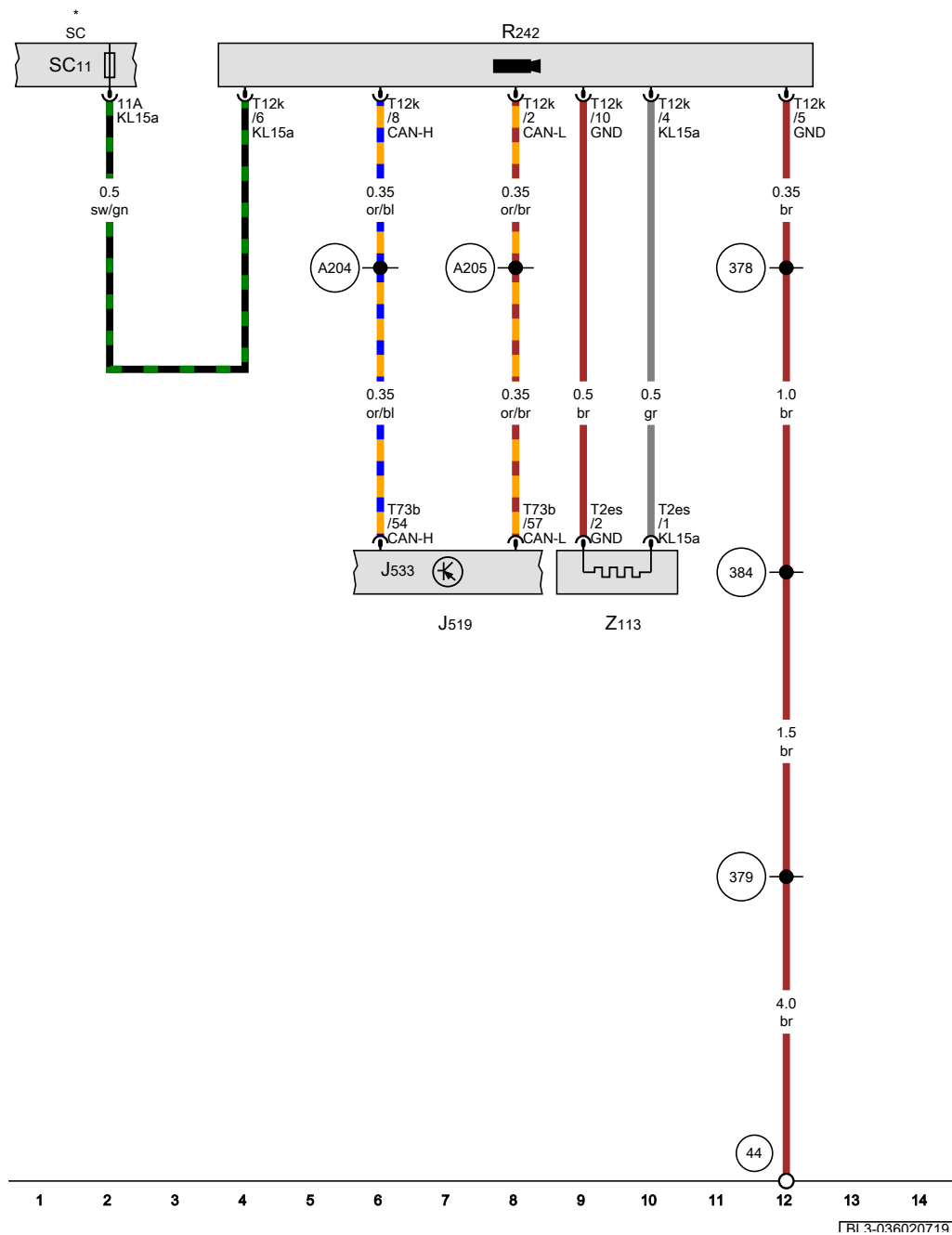
- G21 Speedometer
- G797 Charge level display
- G798 Operating range display
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K149 Engine electronics warning lamp
- T32 32-pin connector, blue



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

Front camera for driver assist systems , (QK1)

From August 2019



Onboard supply control unit, Data bus diagnostic interface, Front camera for driver assist systems, Fuse holder C, Windscreen heater for front sensors

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- T2es 2-pin connector, black
- T12k 12-pin connector, black
- T73b 73-pin connector, colourless
- Z113 Windscreen heater for front sensors

- 44 Earth point, lower part of left A-pillar
- 378 Earth connection 13, in main wiring harness
- 379 Earth connection 14, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- A204 Connection (dash panel insert CAN bus, high), in dash panel wiring harness
- A205 Connection (dash panel insert CAN bus, low), in dash panel wiring harness

* see applicable current flow diagram for fuse assignment

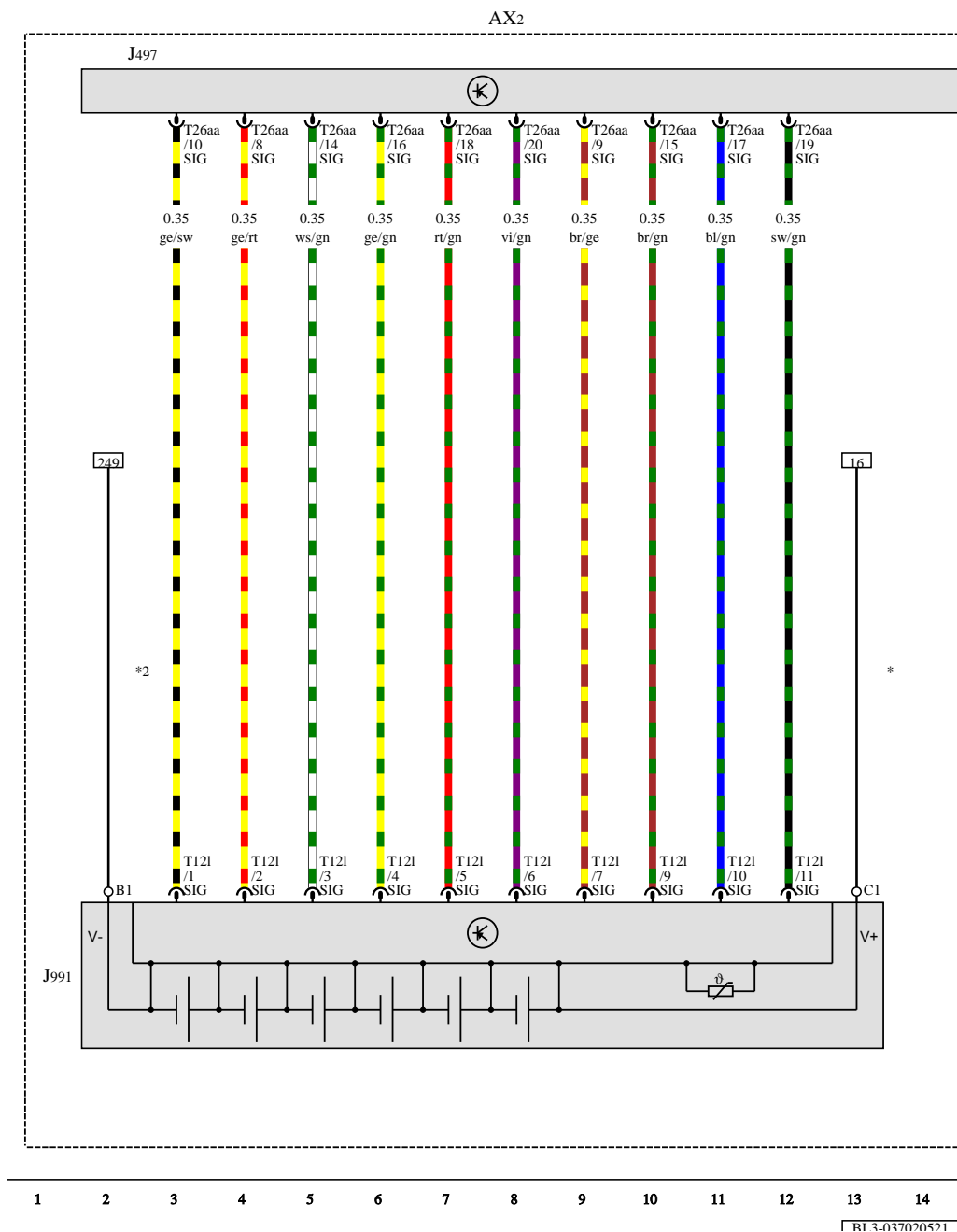
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

High-voltage battery system

From August 2019

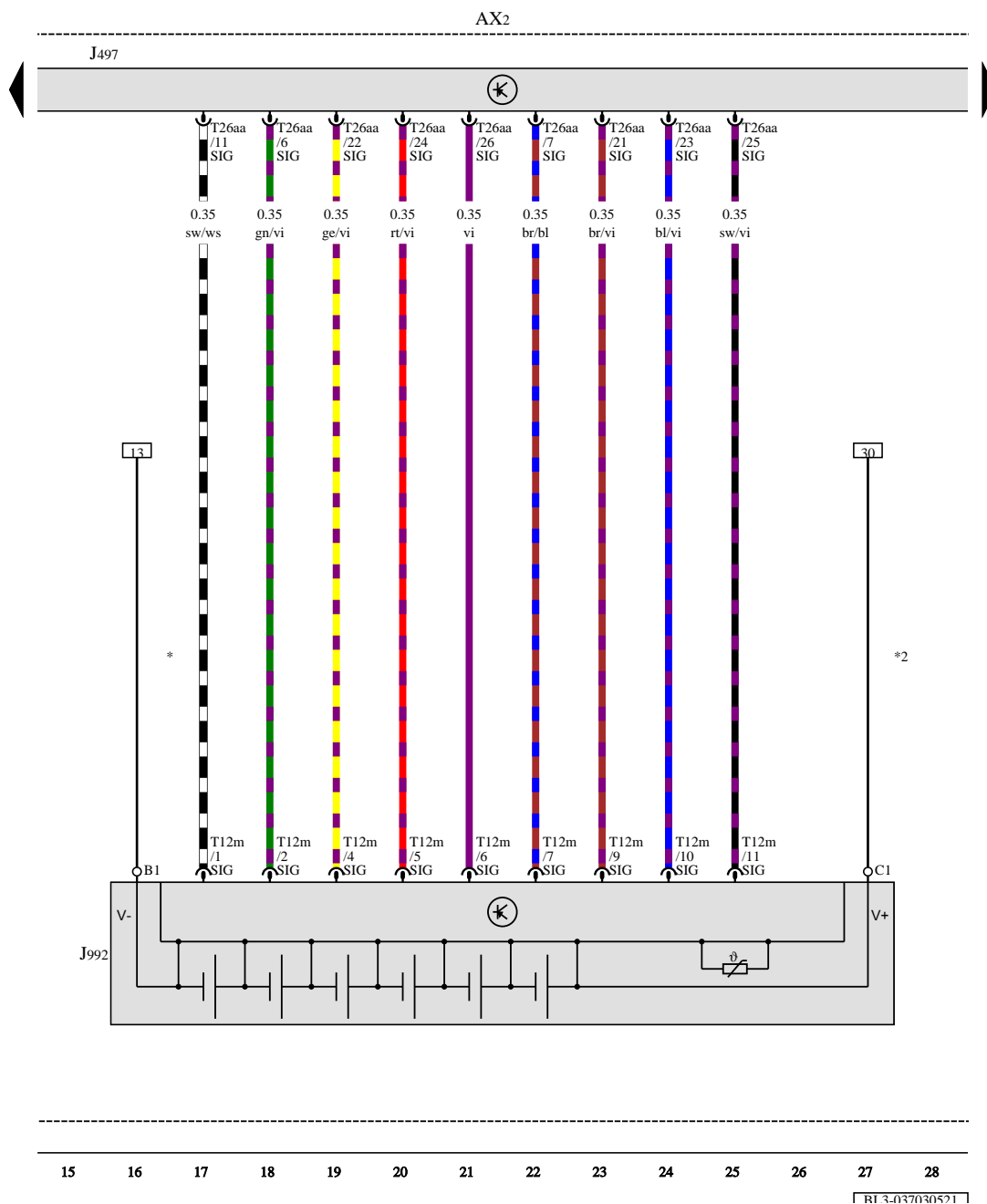
High-voltage battery 1, Module monitor control unit for batteries, Battery module 1

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J991 Battery module 1
 T12I 12-pin connector, black
 T26aa 26-pin connector, black
 * Connecting cable 2 for battery module (P27)
 *2 Connecting cable 1 for battery module (P26)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 2

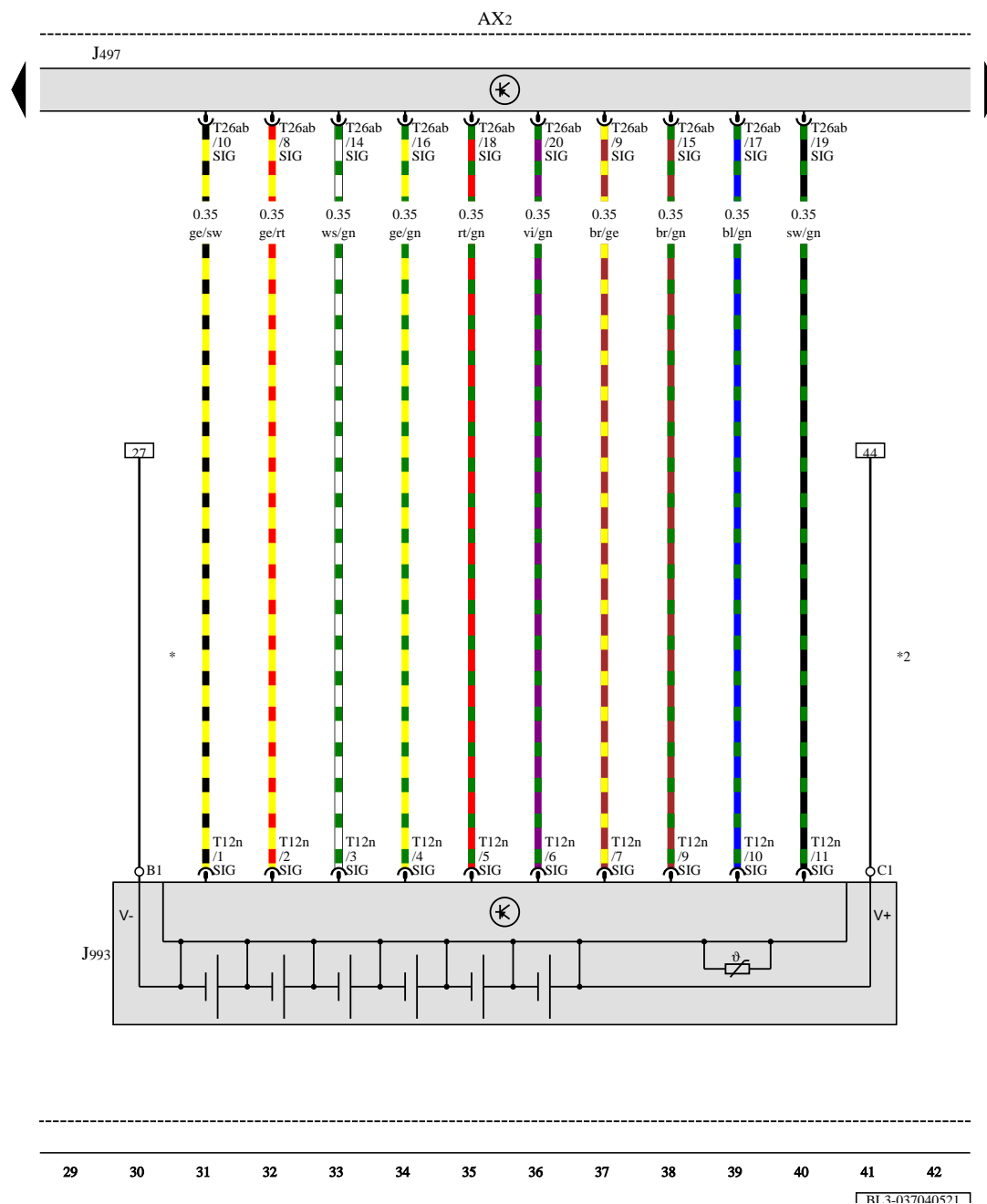
- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J992 Battery module 2
- T12m 12-pin connector, black
- T26aa 26-pin connector, black
- * Connecting cable 2 for battery module (P27)
- *2 Connecting cable 3 for battery module (P28)



- 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

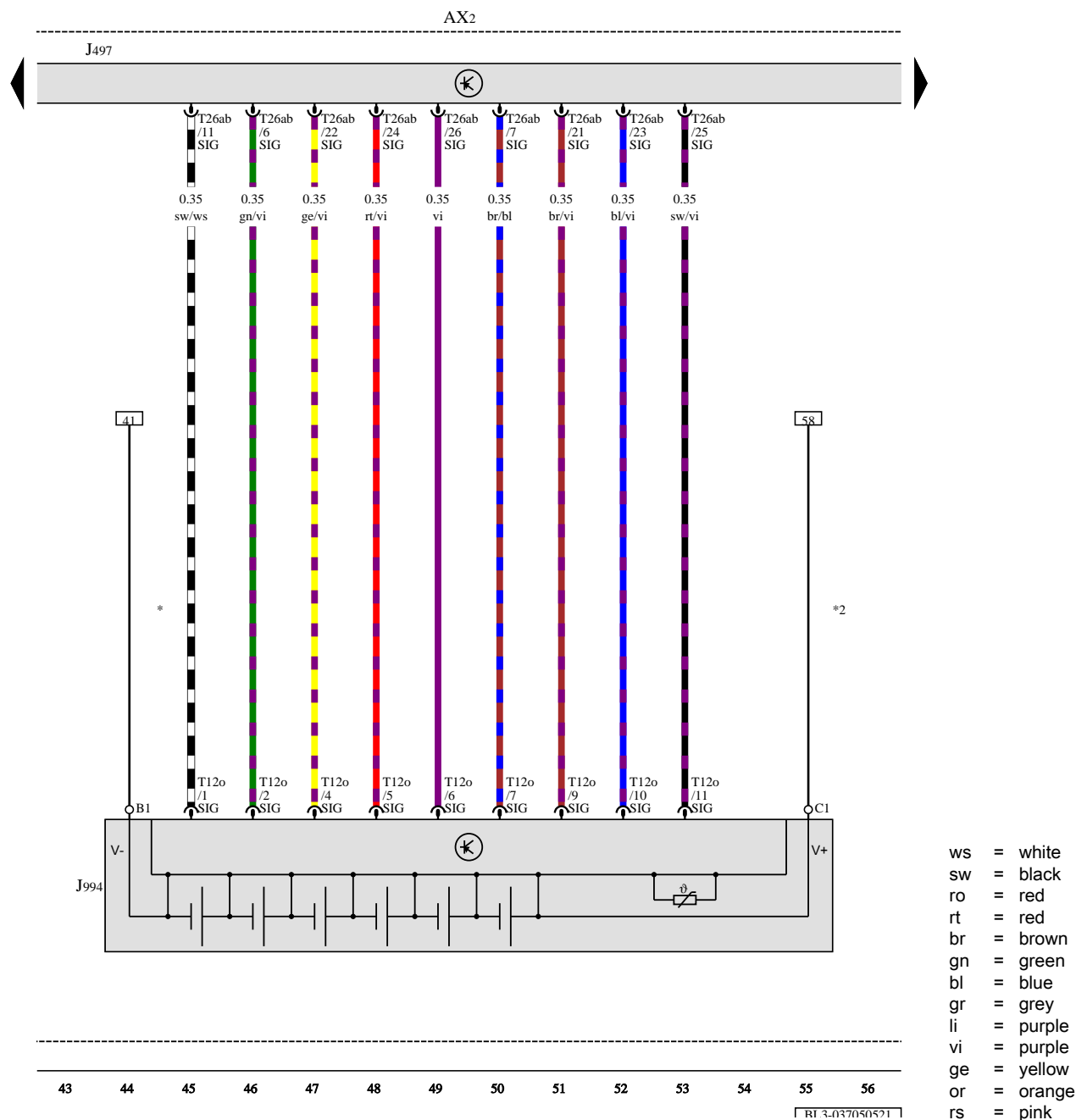
High-voltage battery 1, Module monitor control unit for batteries, Battery module 3

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J993 Battery module 3
- T12n 12-pin connector, black
- T26ab 26-pin connector, white
- * Connecting cable 3 for battery module (P28)
- *2 Connecting cable 4 for battery module (P29)



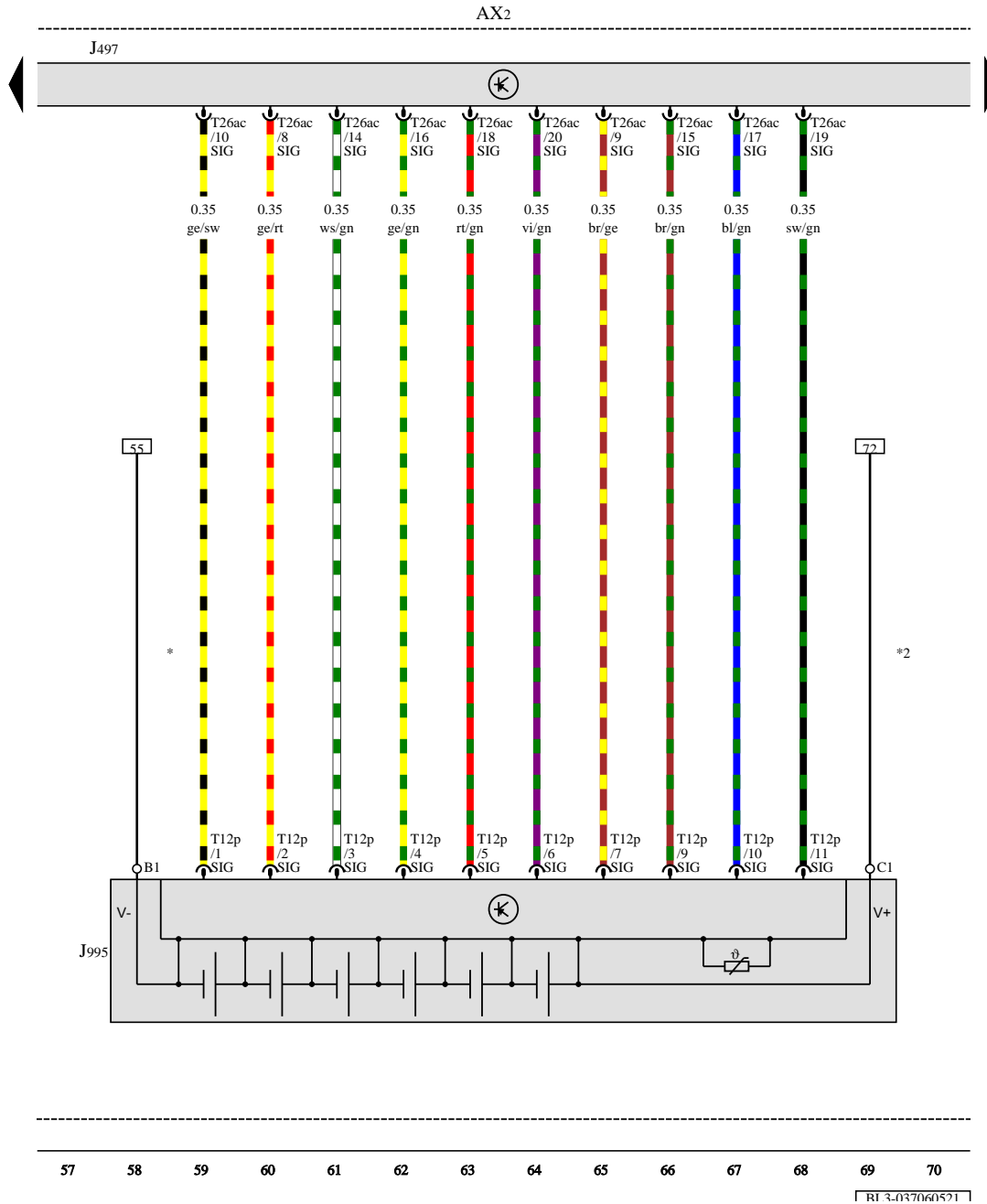
High-voltage battery 1, Module monitor control unit for batteries, Battery module 4

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J994 Battery module 4
 T12o 12-pin connector, black
 T26ab 26-pin connector, white
 * Connecting cable 4 for battery module (P29)
 *2 Connecting cable 5 for battery module (P30)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 5

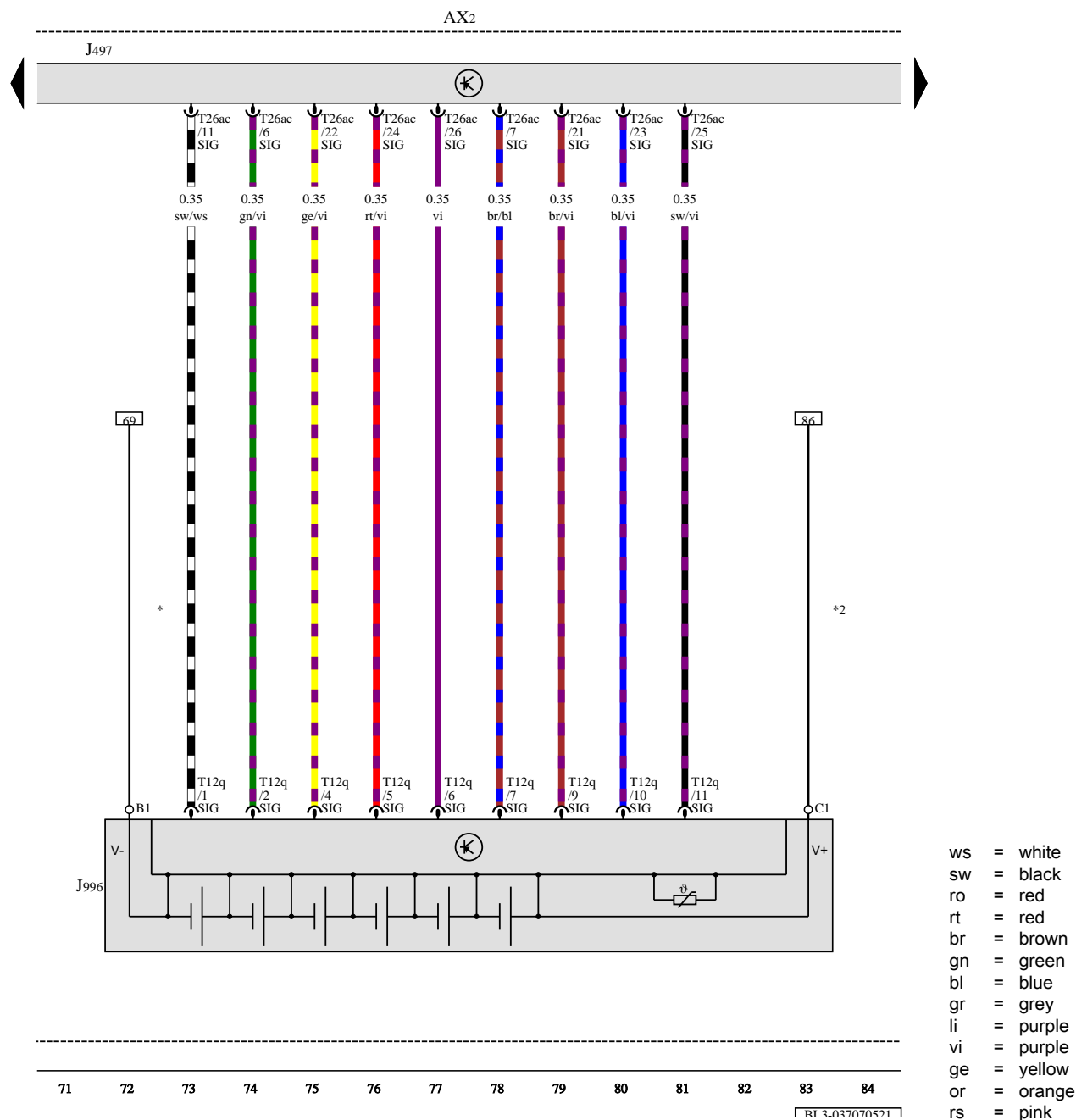
- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J995 Battery module 5
 T12p 12-pin connector, black
 T26ac 26-pin connector, blue
 * Connecting cable 5 for battery module (P30)
 *2 Connecting cable 6 for battery module (P31)



- 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

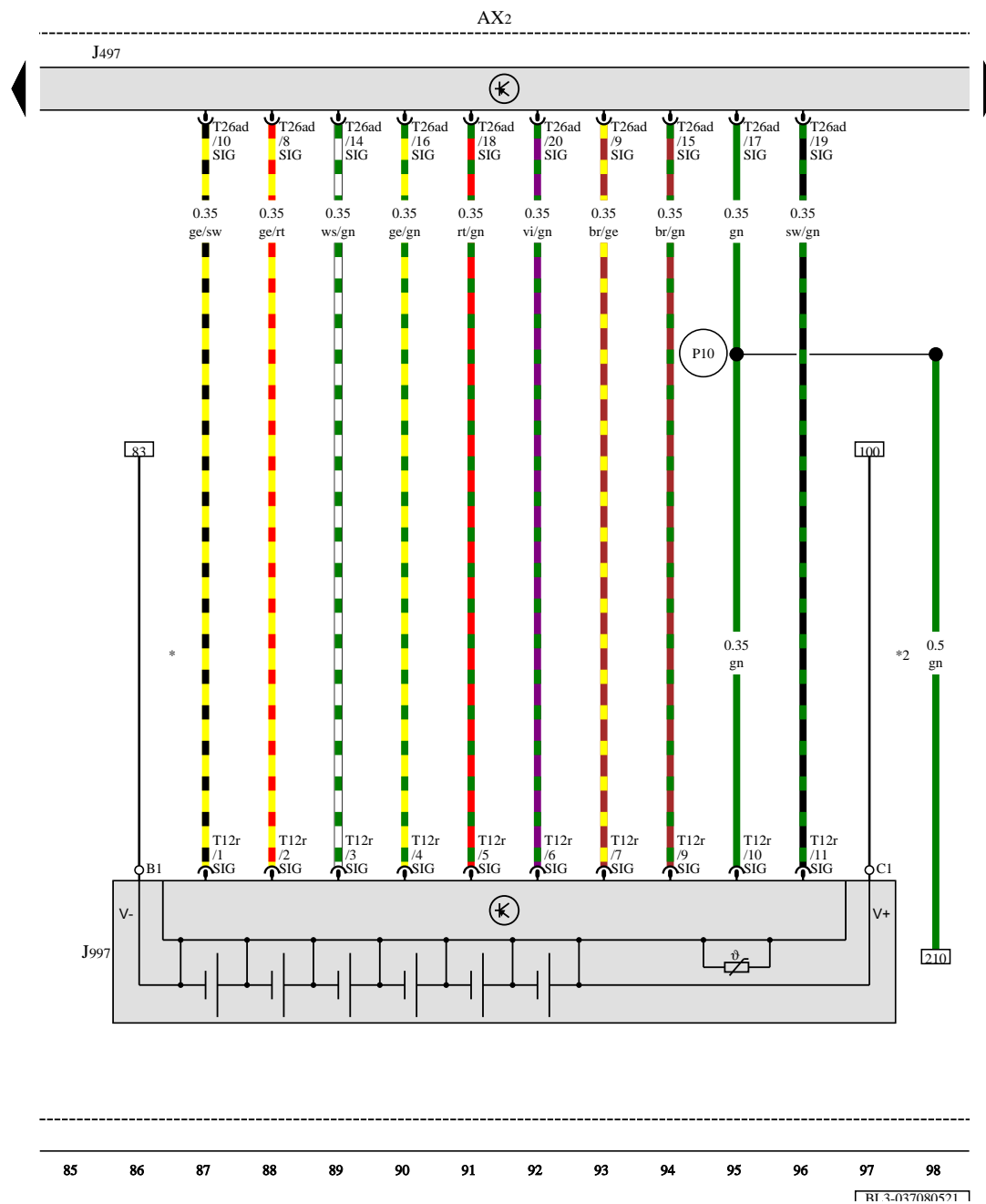
High-voltage battery 1, Module monitor control unit for batteries, Battery module 6

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J996 Battery module 6
- T12q 12-pin connector, black
- T26ac 26-pin connector, blue
- * Connecting cable 6 for battery module (P31)
- *2 Connecting cable 7 for battery module (P32)



High-voltage battery 1, Module monitor control unit for batteries, Battery module 7

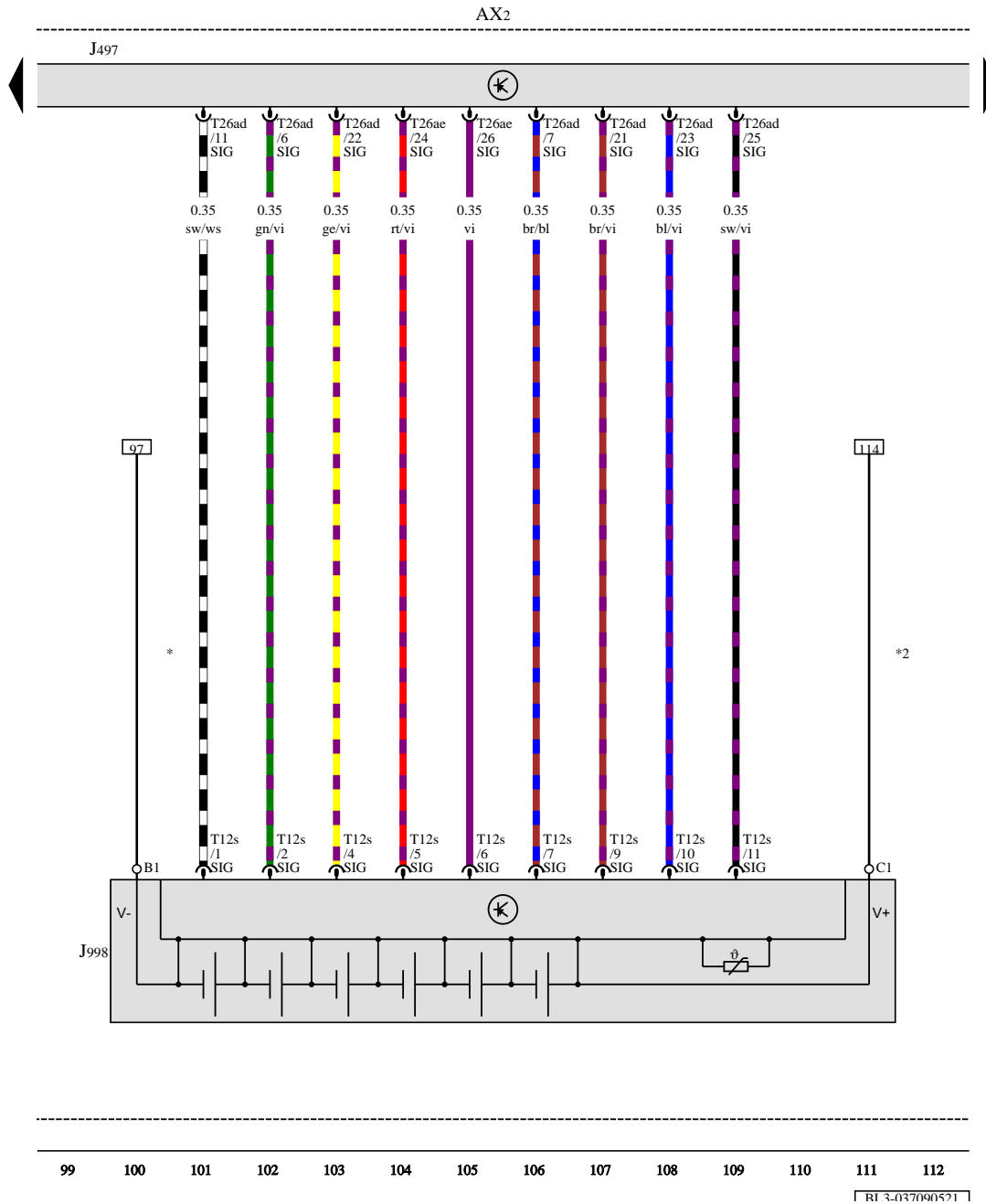
- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J997 Battery module 7
- T12r 12-pin connector, black
- T26ad 26-pin connector, purple
- P10 Connection 4, in high-voltage battery wiring harness
- * Connecting cable 7 for battery module (P32)
- *2 Connecting cable 8 for battery module (P33)



- 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-voltage battery 1, Module monitor control unit for batteries, Battery module 8

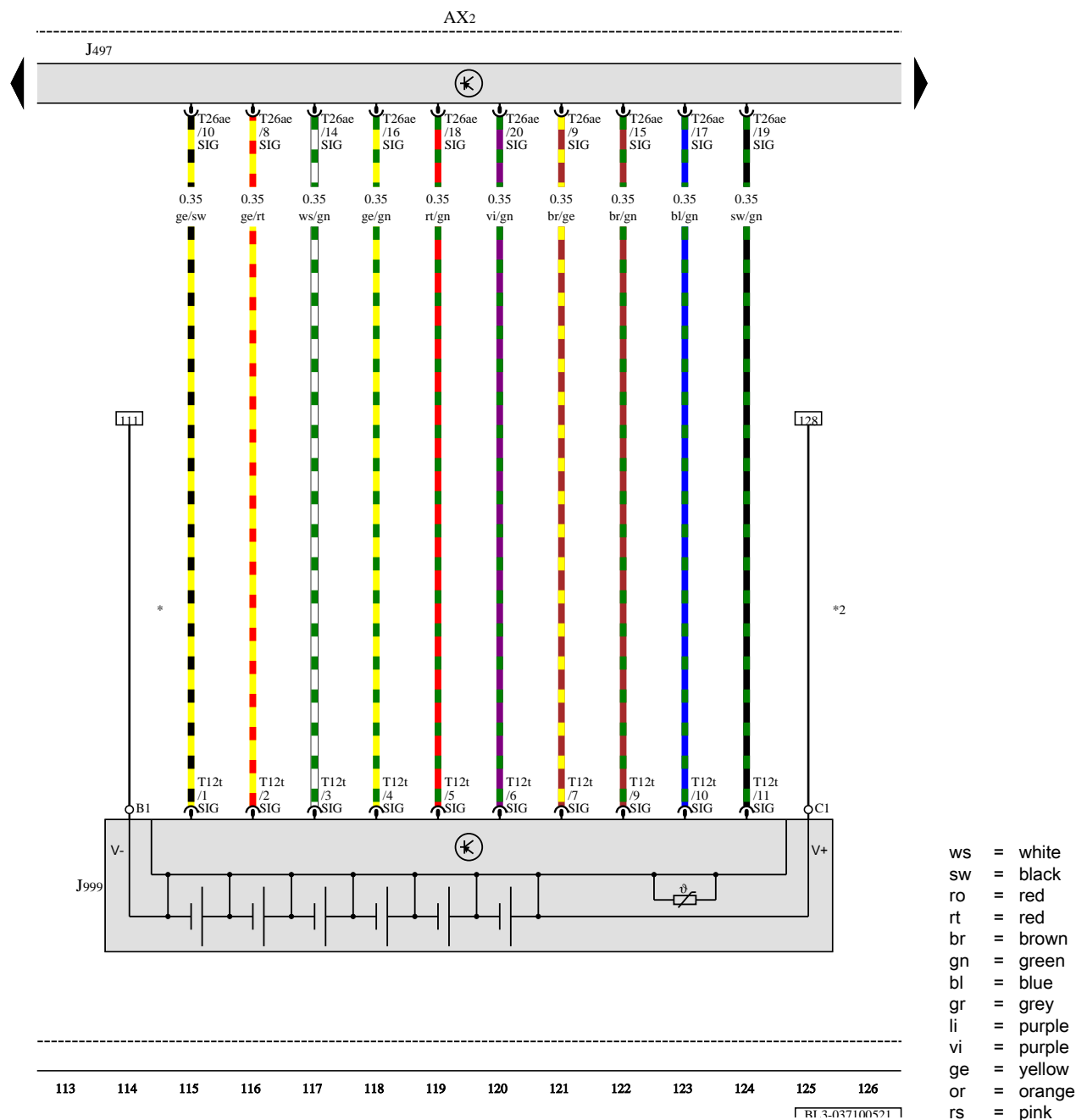
- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J998 Battery module 8
- T12s 12-pin connector, black
- T26ad 26-pin connector, purple
- T26ae 26-pin connector, green
- * Connecting cable 8 for battery module (P33)
- *2 Connecting cable 9 for battery module (P34)



- 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

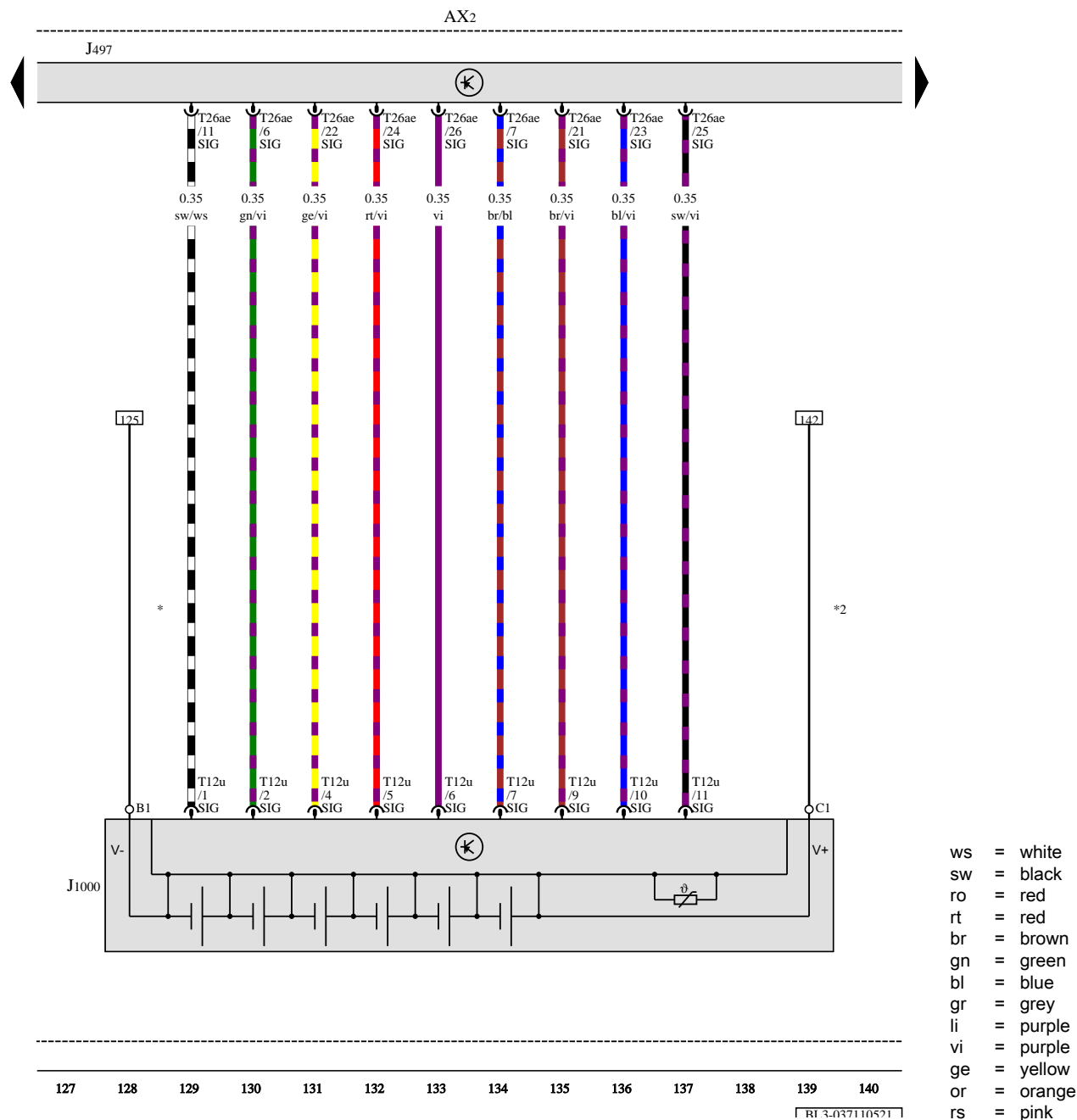
High-voltage battery 1, Module monitor control unit for batteries, Battery module 9

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J999 Battery module 9
- T12t 12-pin connector, black
- T26ae 26-pin connector, green
- * Connecting cable 9 for battery module (P34)
- *2 Connecting cable 10 for battery module (P35)



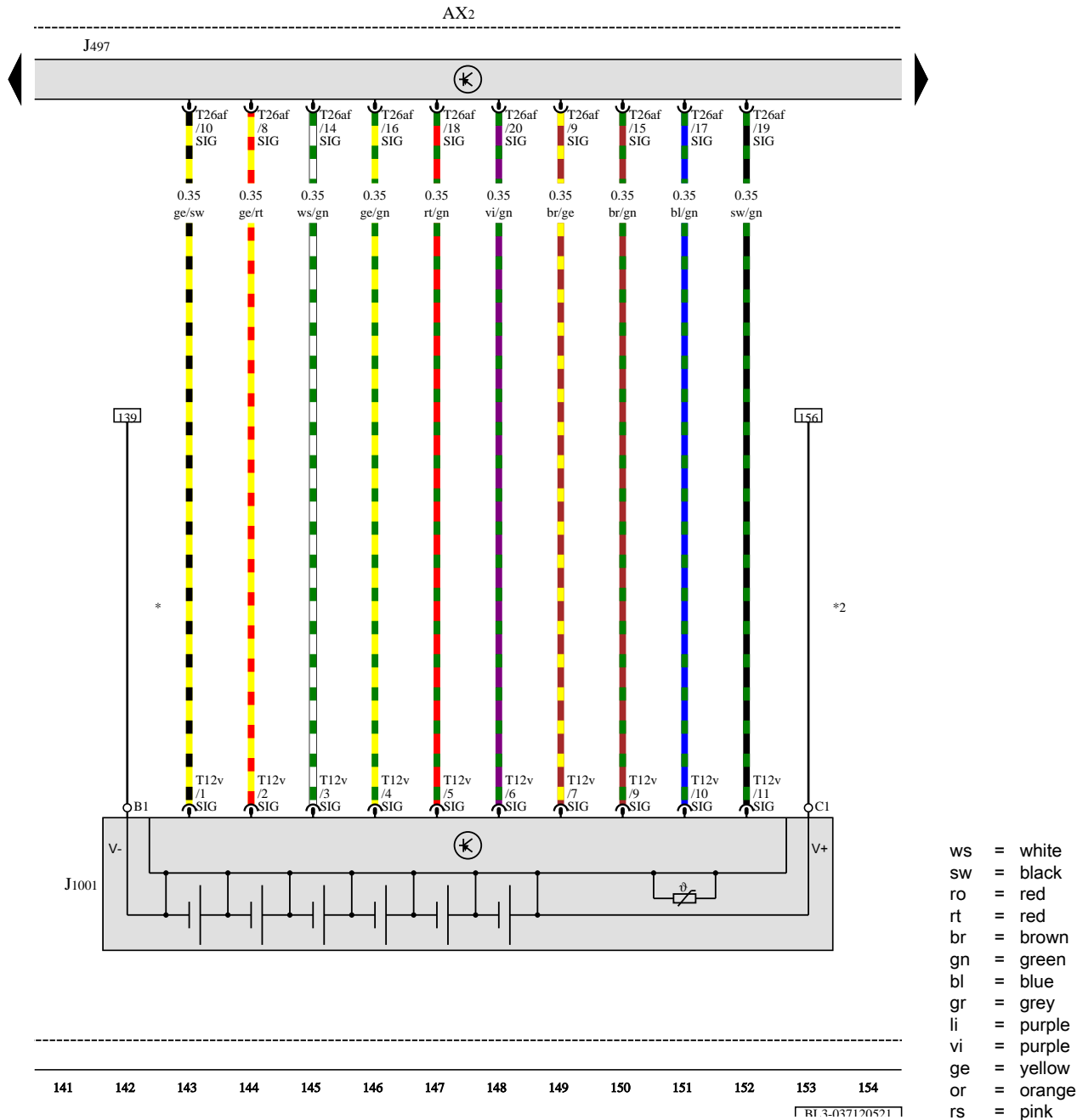
High-voltage battery 1, Module monitor control unit for batteries, Battery module 10

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J1000 Battery module 10
- T12u 12-pin connector, black
- T26ae 26-pin connector, green
- * Connecting cable 10 for battery module (P35)
- *2 Connecting cable 11 for battery module (P36)



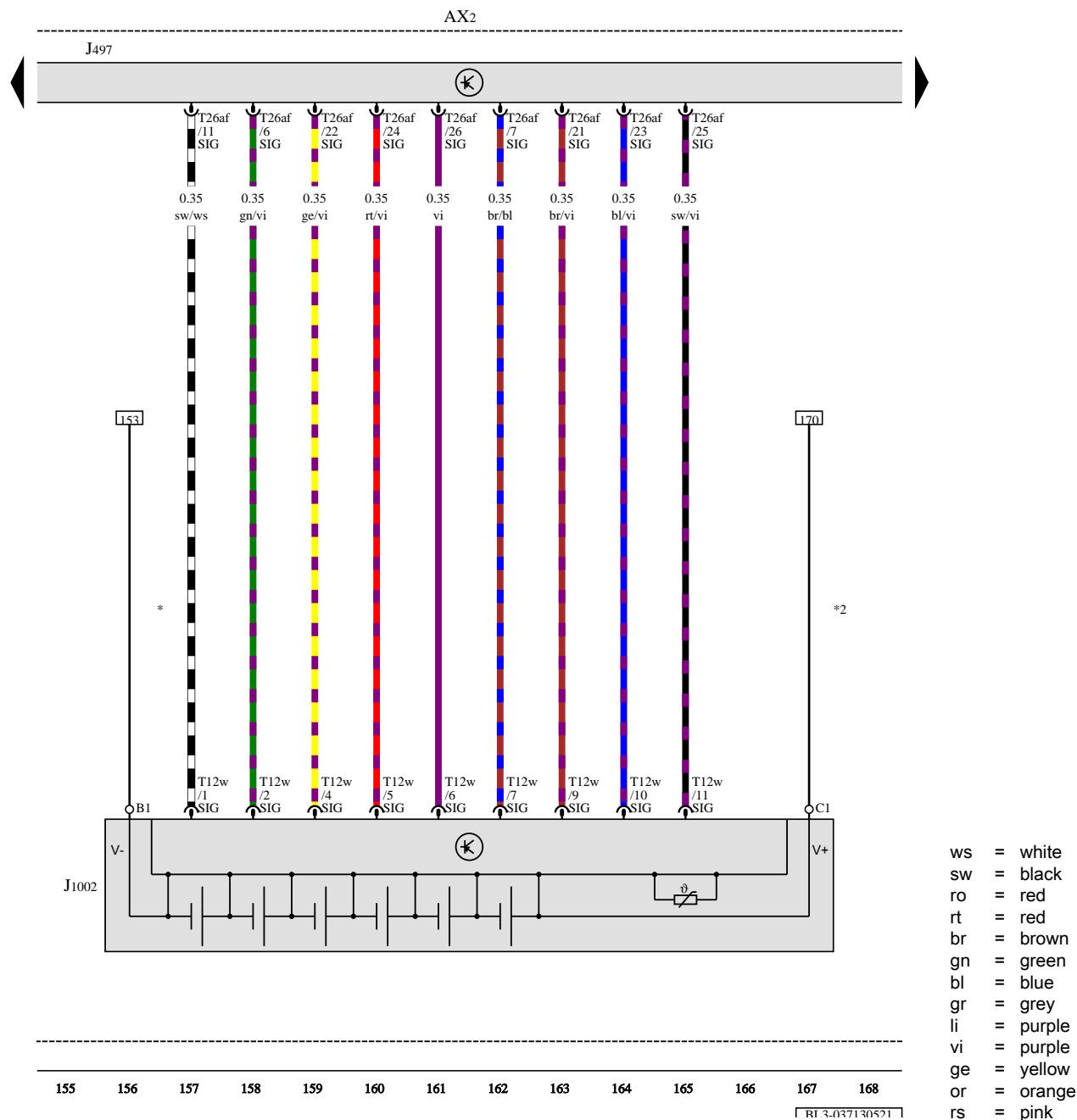
High-voltage battery 1, Module monitor control unit for batteries, Battery module 11

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1001 Battery module 11
 T12v 12-pin connector, black
 T26af 26-pin connector, brown
 * Connecting cable 11 for battery module (P36)
 *2 Connecting cable 12 for battery module (P37)



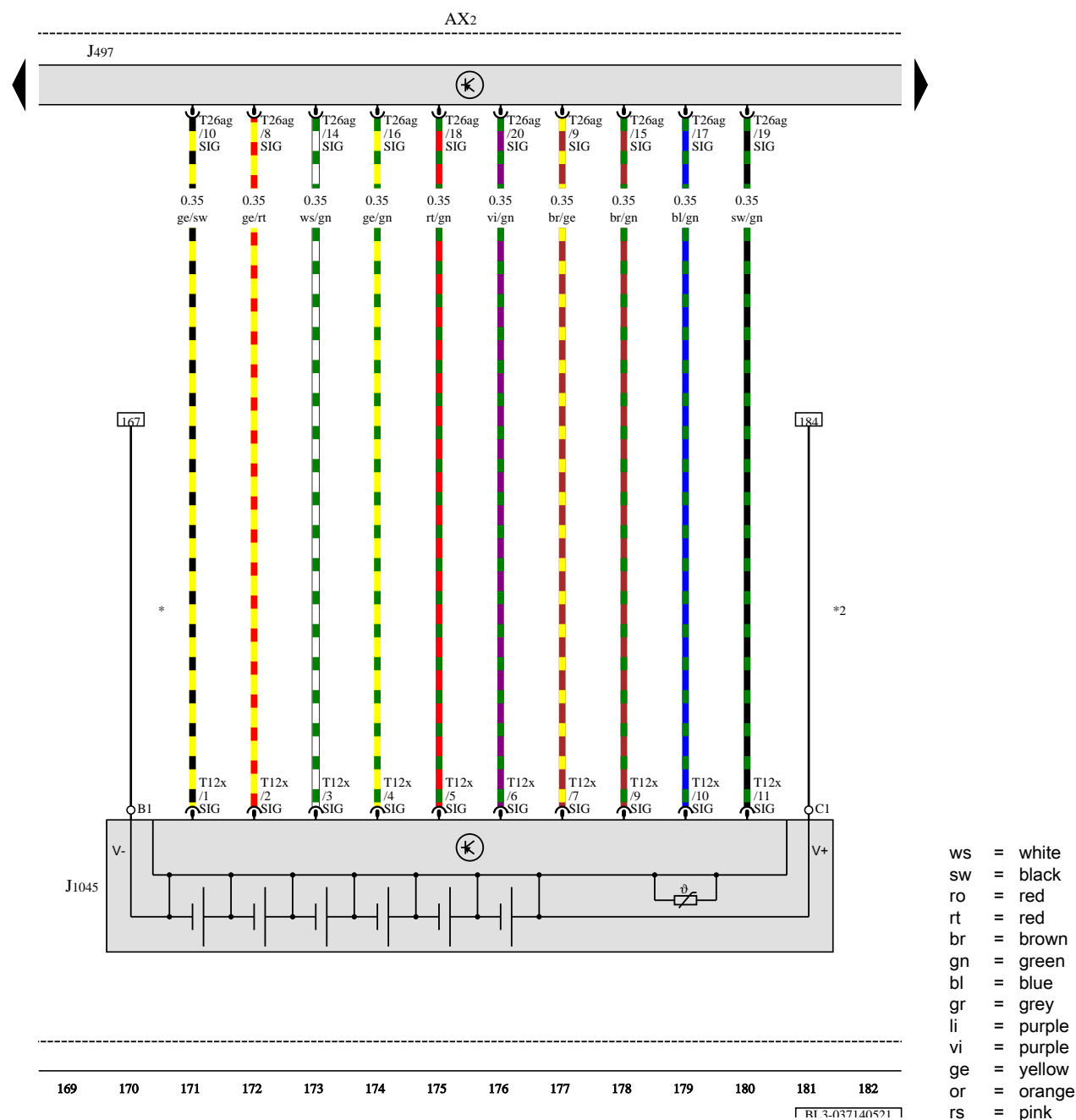
High-voltage battery 1, Module monitor control unit for batteries, Battery module 12

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1002 Battery module 12
 T12w 12-pin connector, black
 T26af 26-pin connector, brown
 * Connecting cable 12 for battery module (P37)
 *2 Connecting cable 13 for battery module (P38)



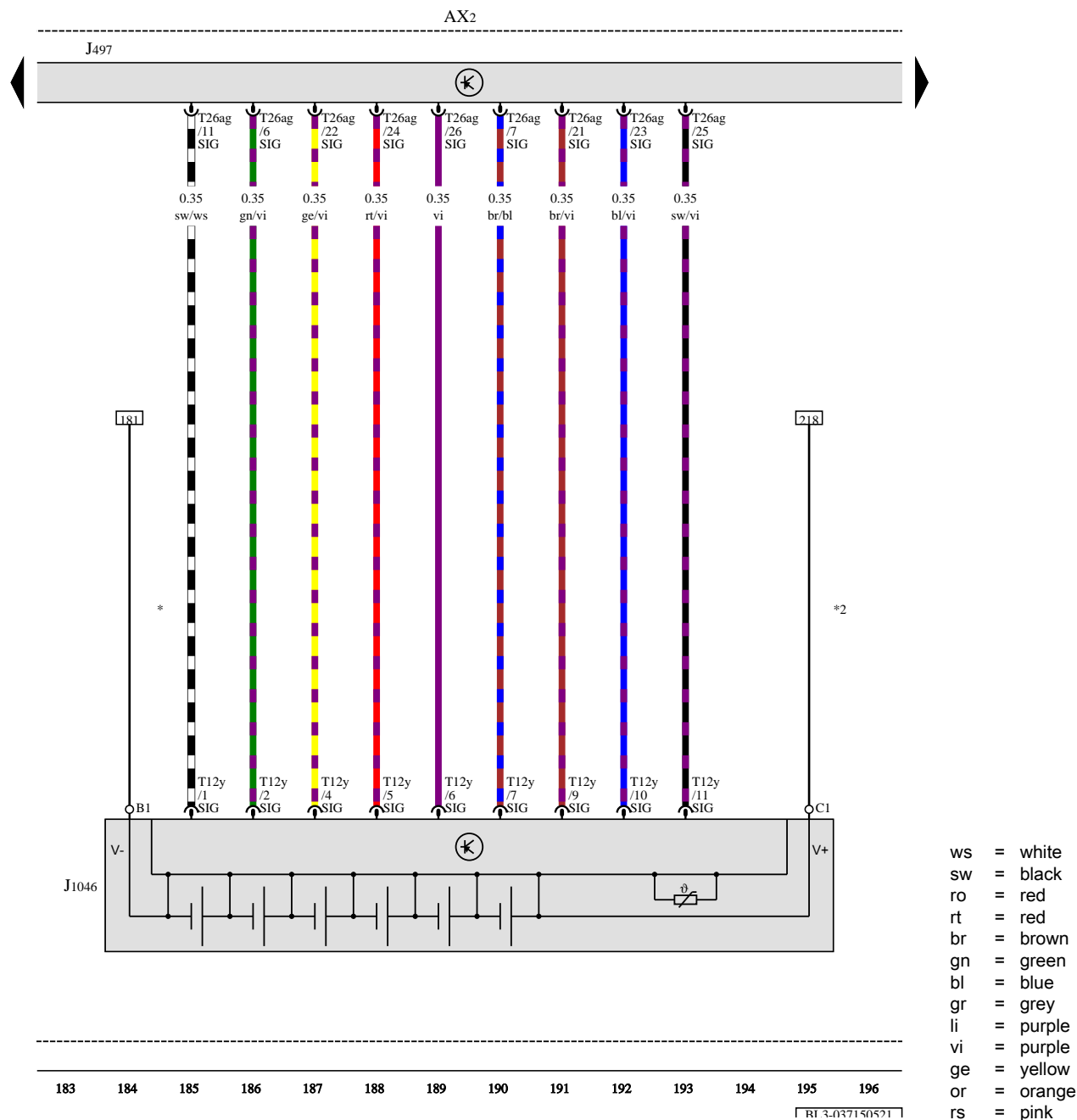
High-voltage battery 1, Module monitor control unit for batteries, Battery module 13

AX2	High-voltage battery 1
J497	Module monitor control unit for batteries
J1045	Battery module 13
T12x	12-pin connector, black
T26ag	26-pin connector, grey
*	Connecting cable 13 for battery module (P38)
*2	Connecting cable 15 for battery module (P40)



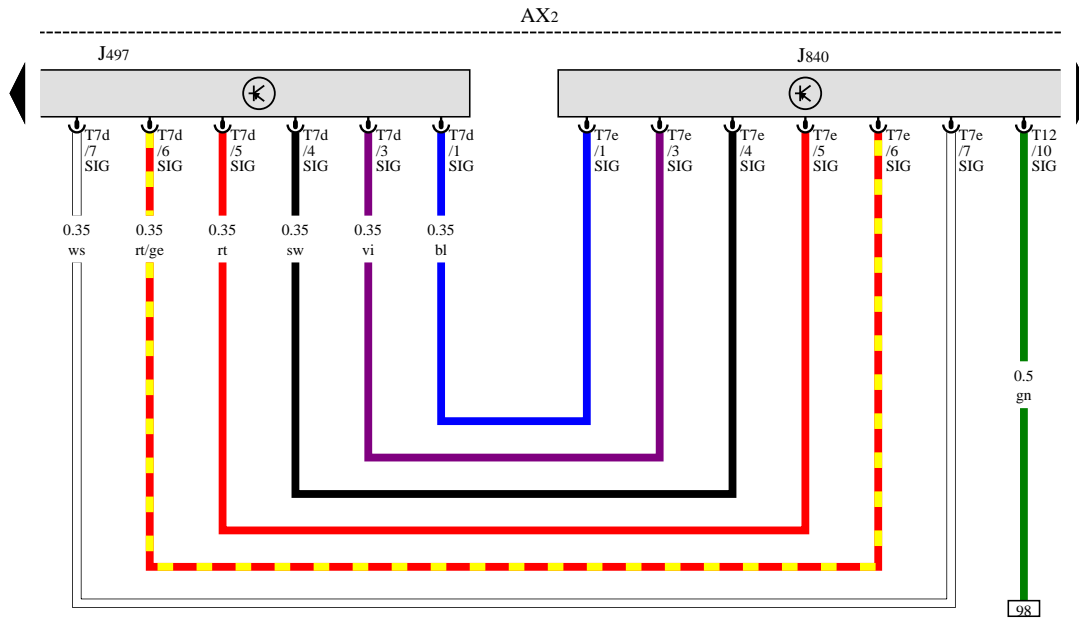
High-voltage battery 1, Module monitor control unit for batteries, Battery module 14

- AX2 High-voltage battery 1
 J497 Module monitor control unit for batteries
 J1046 Battery module 14
 T12y 12-pin connector, black
 T26ag 26-pin connector, grey
 * Connecting cable 15 for battery module (P40)
 *2 Connecting cable 16 for battery module (P41)

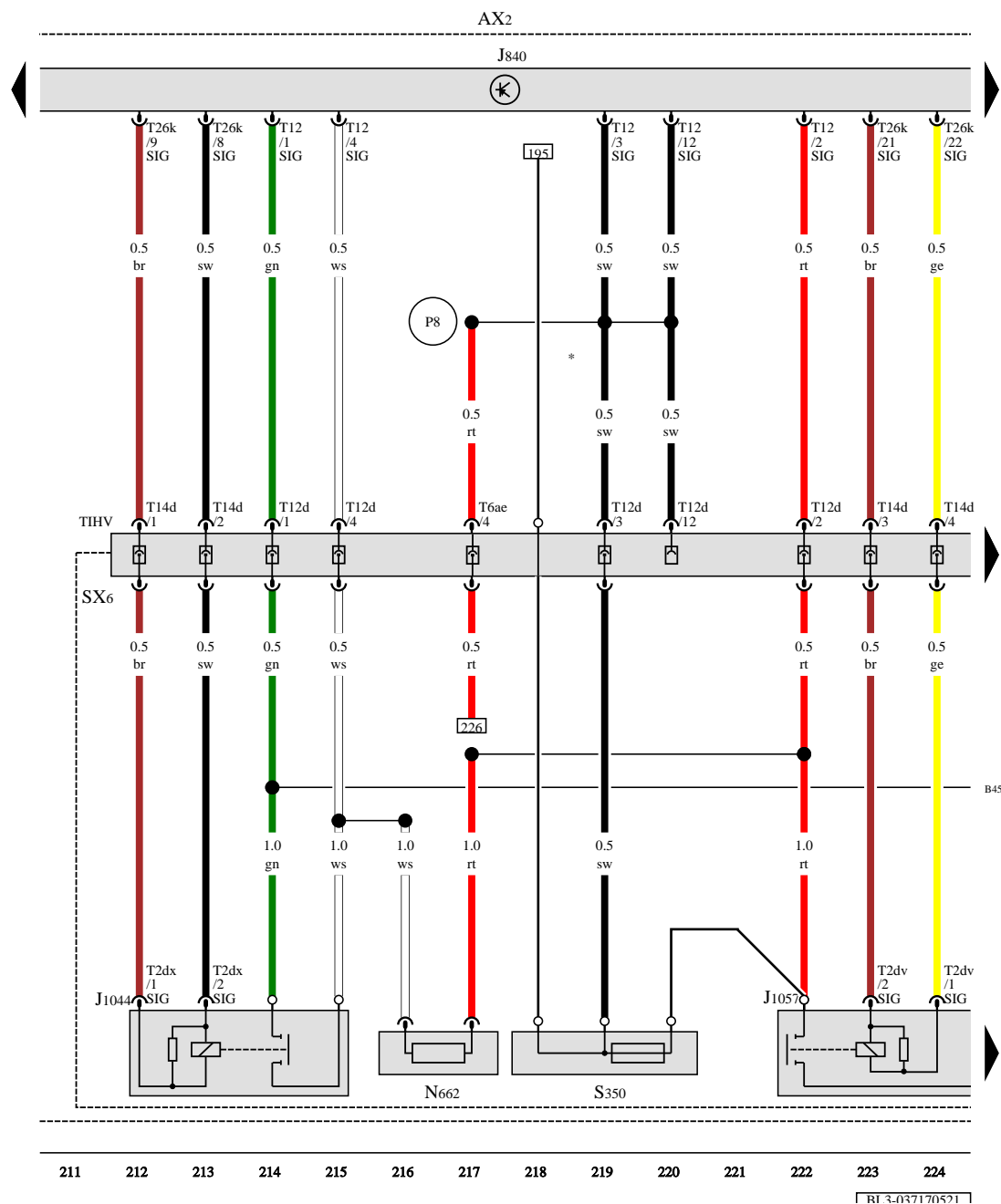


High-voltage battery 1, Module monitor control unit for batteries, Battery regulation control unit

- AX2 High-voltage battery 1
- J497 Module monitor control unit for batteries
- J840 Battery regulation control unit
- T7d 7-pin connector, black
- T7e 7-pin connector, black
- T12 12-pin connector, black



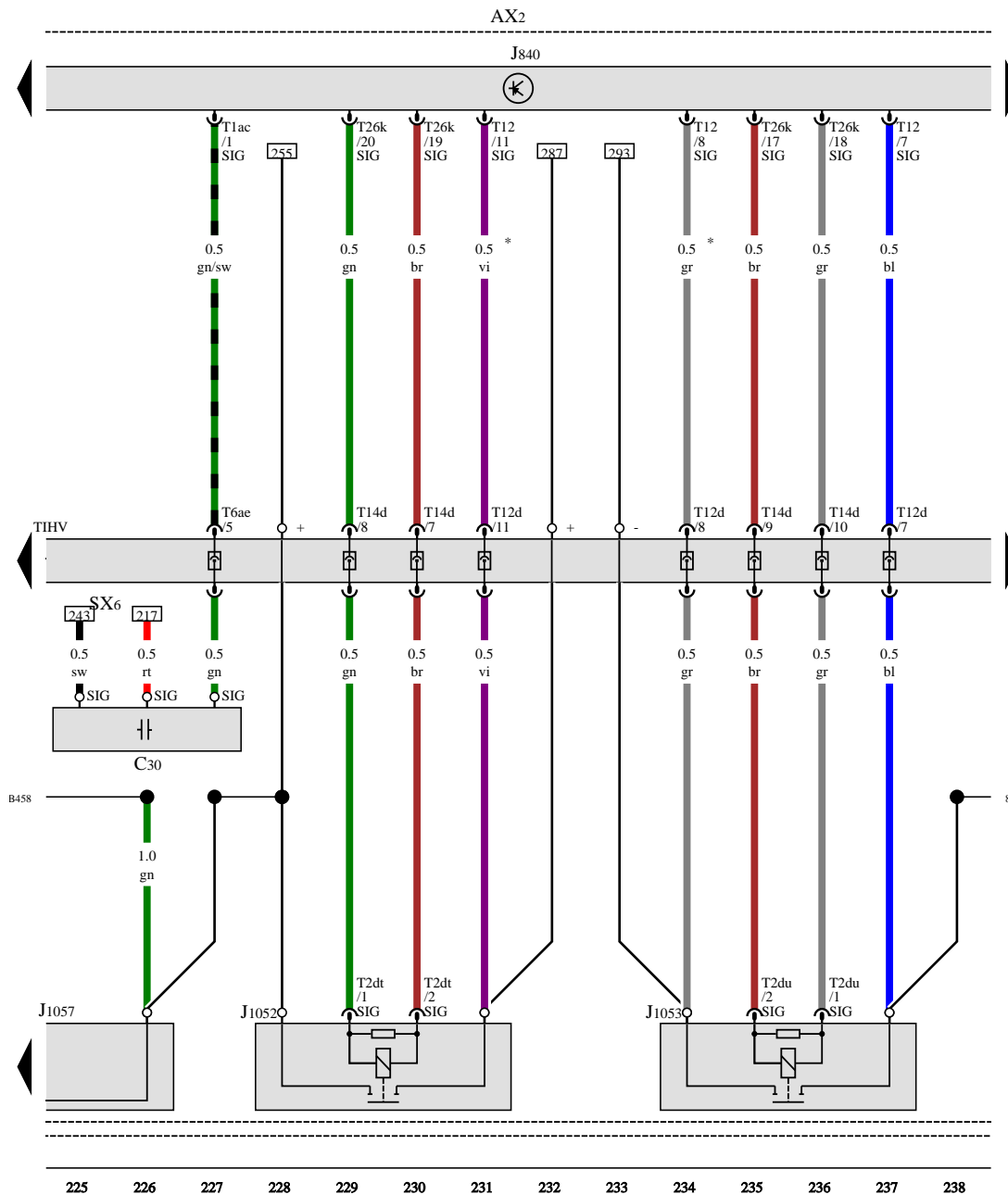
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



High-voltage battery 1, Battery regulation control unit, Precharge contactor for high-voltage battery, High-voltage battery power contactor 1, Protection resistor for high-voltage battery, Switching unit for high-voltage battery, High-voltage system fuse 1

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- J1044 Precharge contactor for high-voltage battery
- J1057 High-voltage battery power contactor 1
- N662 Protection resistor for high-voltage battery
- SX6 Switching unit for high-voltage battery
- S350 High-voltage system fuse 1
- T2dv 2-pin connector, black
- T2dx 2-pin connector, black
- T6ae 6-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26k 26-pin connector, black
- TIHV Coupling point in high-voltage battery
- P8 Connection 2, in high-voltage battery wiring harness
- * Connecting cable 16 for battery module (P41)

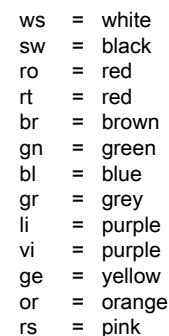
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



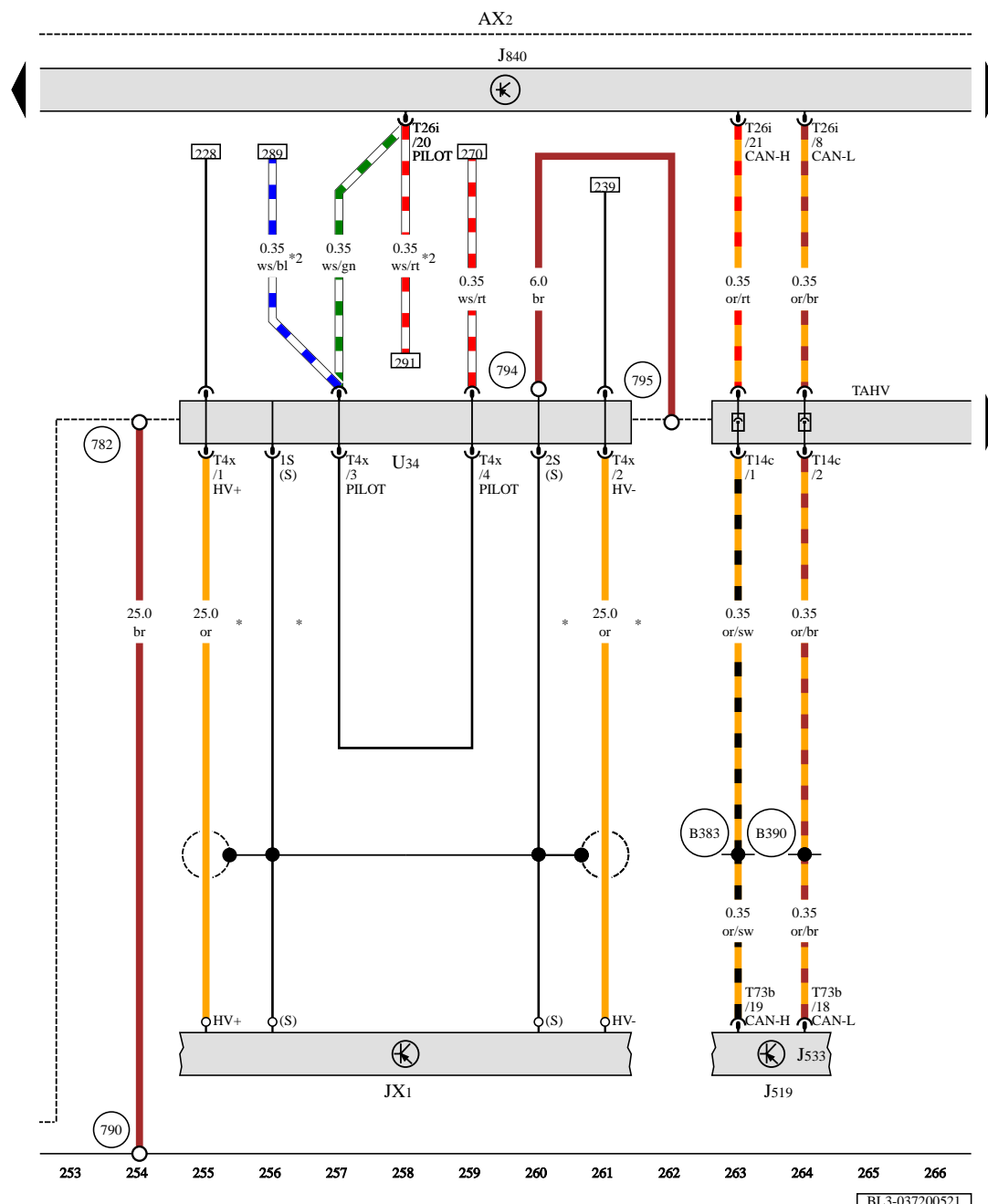
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

High-voltage battery 1, Battery regulation control unit, DC charge contactor 1, DC charge contactor 2, High-voltage battery power contactor 1, Switching unit for high-voltage battery

- AX2 High-voltage battery 1
- C30 High-voltage battery capacitor
- J840 Battery regulation control unit
- J1052 DC charge contactor 1
- J1053 DC charge contactor 2
- J1057 High-voltage battery power contactor 1
- SX6 Switching unit for high-voltage battery
- T1ac 1-pin connector, black
- T2dt 2-pin connector, black
- T2du 2-pin connector, black
- T6ae 6-pin connector, black
- T12 12-pin connector, black
- T12d 12-pin connector, black
- T14d 14-pin connector, black
- T26k 26-pin connector, black
- TIHV Coupling point in high-voltage battery
- * For models with combined AC and DC charging system



* Connecting cable 1 for battery module (P26)

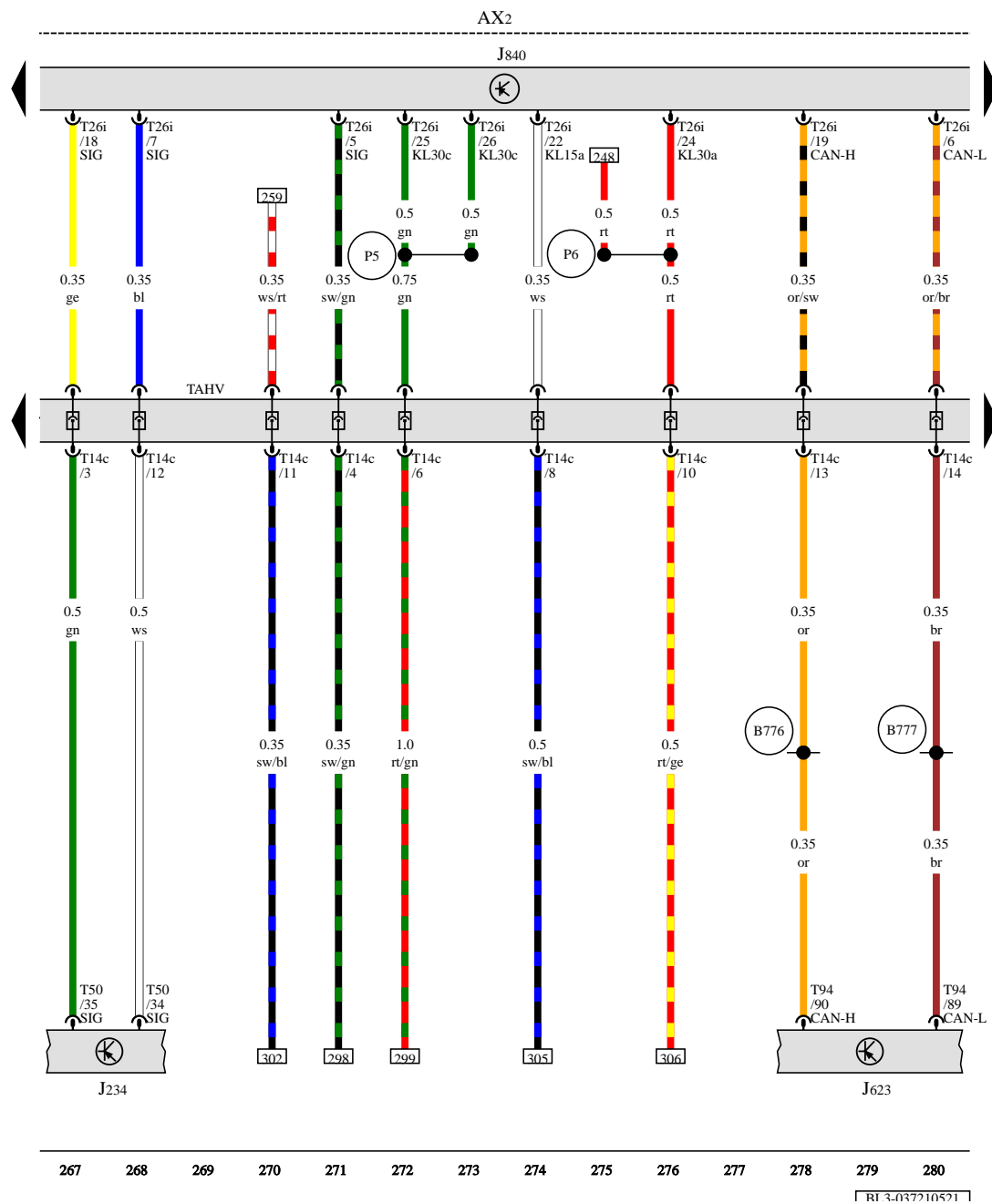


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

High-voltage battery 1, Battery regulation control unit

- AX2 High-voltage battery 1
- JX1 Power and control electronics for electric drive
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J840 Battery regulation control unit
- T4x 4-pin connector, black
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T73b 73-pin connector, colourless
- TAHV Coupling point on high-voltage battery
- U34 High-voltage battery charging connection 1

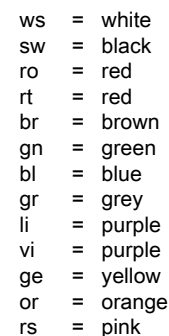
- 782 Earth point 1, on high-voltage battery
- 790 Earth point on front left of underbody
- 794 Earth point 1, in high-voltage battery
- 795 Earth point 2, in high-voltage battery
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * High-voltage wiring harness for high-voltage battery (PX1)
- *2 For models with combined AC and DC charging system



High-voltage battery 1, Battery regulation control unit

- AX2 High-voltage battery 1
- J234 Airbag control unit
- J623 Engine/motor control unit
- J840 Battery regulation control unit
- T14c 14-pin connector, black
- T26i 26-pin connector, black
- T50 50-pin connector, yellow
- T94 94-pin connector, black
- TAHV Coupling point on high-voltage battery

- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness
- P5 Positive connection 1, in high-voltage battery wiring harness
- P6 Positive connection 2, in high-voltage battery wiring harness



AX2	High-voltage battery 1
J840	Battery regulation control unit
T4z	4-pin connector, black
T14c	14-pin connector, black
T26i	26-pin connector, black
TAHV	Coupling point on high-voltage battery
UX4	High-voltage battery charging socket 1
U35	High-voltage battery charging connection 2

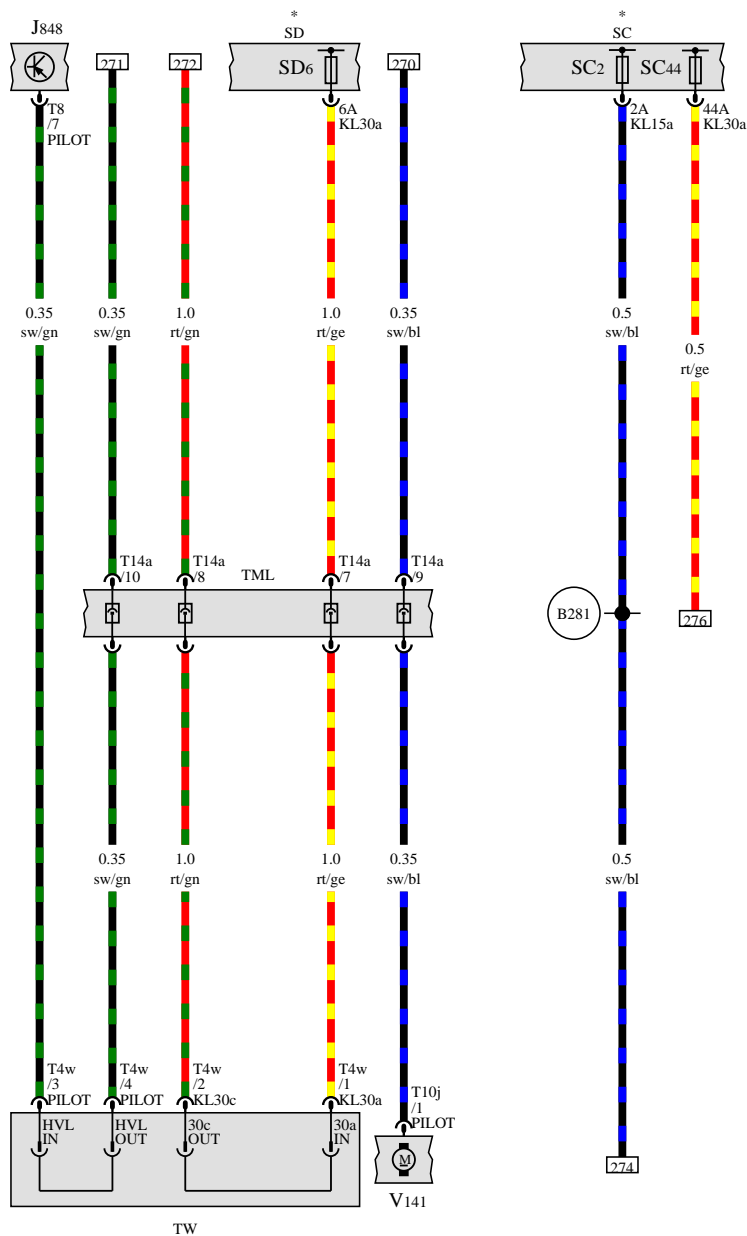
- | | |
|-----|--|
| 387 | Earth connection 22, in main wiring harness |
| 389 | Earth connection 24, in main wiring harness |
| 671 | Earth point 1, on front of left longitudinal member |
| 730 | Earth point 1, on right rear wheel housing |
| 783 | Earth point 2, on high-voltage battery |
| 791 | Earth point, on rear right of underbody |
| 859 | Earth connection 1, in high-voltage battery wiring harness |
| 860 | Earth connection 2, in high-voltage battery wiring harness |
| * | For models with combined AC and DC charging system |
| *2 | High-voltage wire for high-voltage battery charging (P52) |

Fuse holder C, Maintenance connector for high-voltage system

- J848 High-voltage heater (PTC) control unit
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SD Fuse holder D
- SD6 Fuse 6 on fuse holder D
- SC44 Fuse 44 on fuse holder C
- T4w 4-pin connector, green
- T8 8-pin connector, black
- T10j 10-pin connector, black
- T14a 14-pin connector, brown
- TML Coupling point in engine compartment, left
- TW Maintenance connector for high-voltage system
- V141 Electric drive motor

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

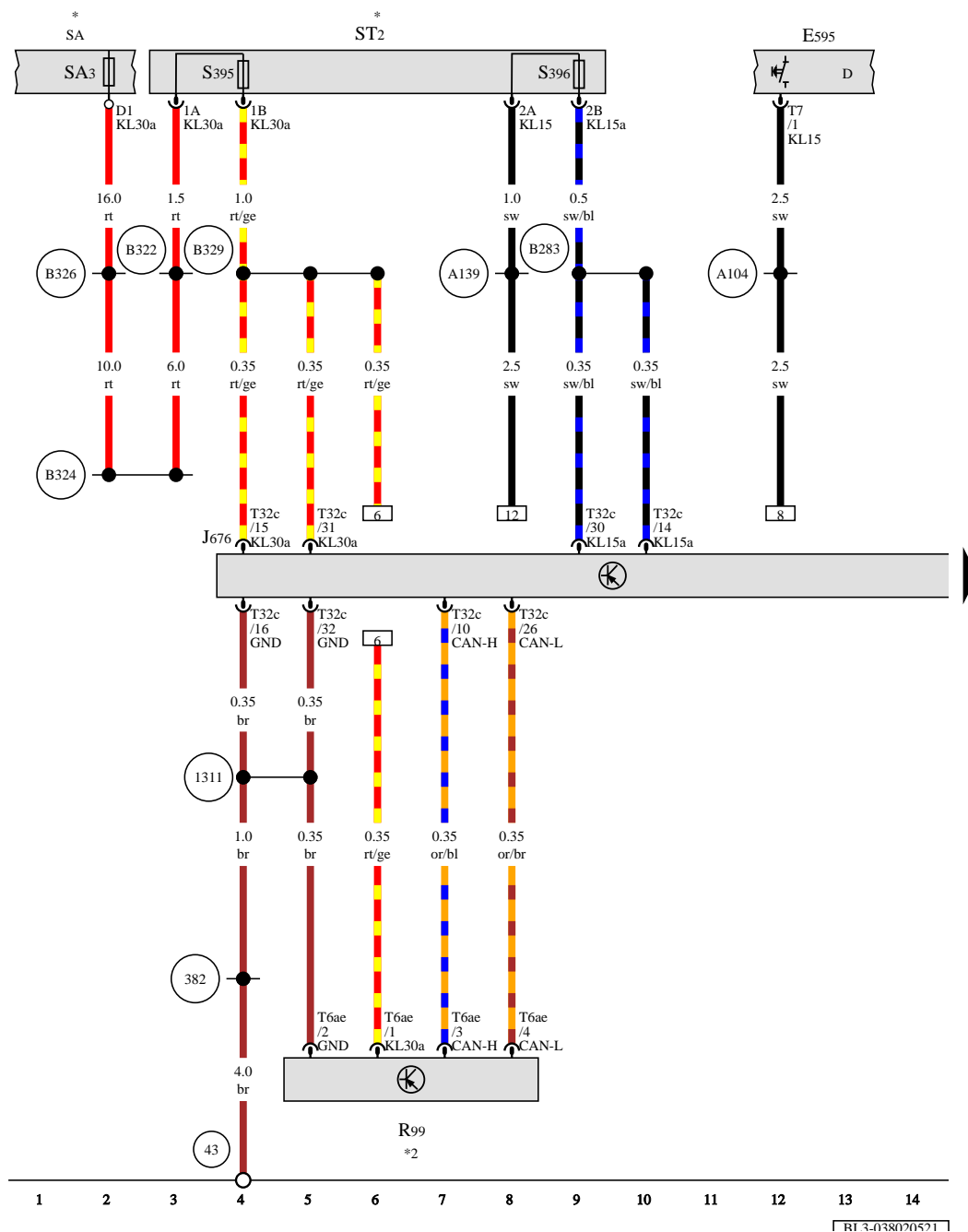
- * see applicable current flow diagram for fuse assignment
- *2 High-voltage wiring harness for high-voltage battery (PX1)



- 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

Electronic logbook, chip card reader unit , (F0Q),(L0L)

From November 2020



Chip card reader control unit, Chip card reader unit, Fuse carrier 2

- D Ignition/starter switch
- E595 Steering column combination switch
- J676 Chip card reader control unit, on left in dash panel
- R99 Chip card reader unit, in glove compartment
- ST2 Fuse carrier 2
- SA Fuse 3 on fuse holder A
- S395 Fuse 1 on fuse carrier 2
- S396 Fuse 2 on fuse carrier 2
- SA Fuse holder A
- T6ae 6-pin connector, black
- T7 7-pin connector, black
- T32c 32-pin connector, black
- 43 Earth point, lower part of right A-pillar
- 382 Earth connection 17, in main wiring harness
- 1311 Earth connection 37, in main wiring harness
- A104 Positive connection 2 (15), in dash panel wiring harness
- A139 Connection 3 (15) in dash panel wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B329 Positive connection 15 (30a) in main wiring harness
- * see applicable current flow diagram for fuse assignment
- *2 Pre-wired component

Onboard supply control unit, Chip card reader control unit

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J676 Chip card reader control unit, on left in dash panel
- T32c 32-pin connector, black
- T73b 73-pin connector, colourless

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, 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

